

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
 Data File : BF082941.D
 Acq On : 16 Nov 2015 13:51
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 11/17/2015 5:55:56 PM

Quant Time: Nov 17 06:54:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	214843	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	830419	20.00	ng	-0.07
38) Acenaphthene-d10	9.84	164	449276	20.00	ng	-0.06
63) Phenanthrene-d10	11.31	188	844089	20.00	ng	-0.07
75) Chrysene-d12	13.95	240	657872	20.00	ng	-0.07
86) Perylene-d12	15.38	264	608652	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1093529	79.20	ng	-0.05
7) Phenol-d6	6.45	99	1430583	77.93	ng	-0.03
23) Nitrobenzene-d5	7.36	82	1425135	74.67	ng	-0.06
41) 2,4,6-Tribromophenol	10.62	330	371107	72.04	ng	-0.06
44) 2-Fluorobiphenyl	9.16	172	2343950	74.77	ng	-0.06
78) Terphenyl-d14	12.90	244	2054489	74.07	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	244710	41.07	ng	96
3) Pyridine	3.04	79	822543	47.58	ng	96
4) n-Nitrosodimethylamine	2.98	42	348963	40.70	ng	# 77
6) Aniline	6.45	93	929377	36.06	ng	# 77
8) 2-Chlorophenol	6.58	128	573808	37.49	ng	83
9) Benzaldehyde	6.33	77	374442	36.92	ng	93
10) Phenol	6.46	94	928835	44.59	ng	88
11) bis(2-Chloroethyl)ether	6.53	93	653743	41.97	ng	85
12) 1,3-Dichlorobenzene	6.73	146	637747	36.94	ng	# 92
13) 1,4-Dichlorobenzene	6.81	146	698954	38.91	ng	95
14) 1,2-Dichlorobenzene	6.97	146	576378	35.29	ng	95
15) Benzyl Alcohol	6.94	79	603482	37.44	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	978932	42.85	ng	88
17) 2-Methylphenol	7.07	107	532678	41.09	ng	95
18) Hexachloroethane	7.30	117	242682	37.78	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	510826	37.86	ng	88
20) 3+4-Methylphenols	7.22	107	641145	38.04	ng	# 67
22) Acetophenone	7.21	105	889755	37.39	ng	# 98
24) Nitrobenzene	7.38	77	787406	40.35	ng	92
25) Isophorone	7.63	82	1404605	39.78	ng	# 95
26) 2-Nitrophenol	7.70	139	350385	43.01	ng	# 61
27) 2,4-Dimethylphenol	7.74	122	543298	37.12	ng	96
28) bis(2-Chloroethoxy)methane	7.84	93	831273	41.73	ng	98
29) 2,4-Dichlorophenol	7.95	162	546952	41.34	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	528398	35.52	ng	98
31) Naphthalene	8.10	128	1555484	33.95	ng	100
32) Benzoic acid	7.89	122	353988	35.32	ng	89
33) 4-Chloroaniline	8.16	127	809791	41.01	ng	# 89
34) Hexachlorobutadiene	8.22	225	366107	39.32	ng	99
35) Caprolactam	8.54	113	173731	41.66	ng	# 85
36) 4-Chloro-3-methylphenol	8.65	107	562803	36.18	ng	93
37) 2-Methylnaphthalene	8.80	142	1184440m	39.96	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	507576	34.38	ng	99
40) Hexachlorocyclopentadiene	8.96	237	287969	36.31	ng	98

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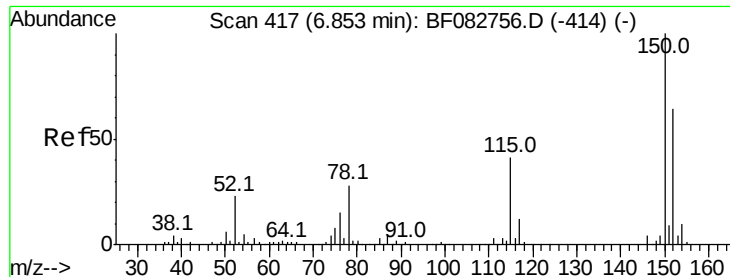
Manual Integrations
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 11/17/2015 5:55:56 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	406775	36.91	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	399486	36.65	nq #	76
45) 1,1'-Biphenyl	9.25	154	1336978	34.68	nq	94
46) 2-Chloronaphthalene	9.28	162	1039722	34.57	nq	95
47) 2-Nitroaniline	9.38	65	441353	39.56	nq #	84
48) Acenaphthylene	9.70	152	1831194	38.86	nq	98
49) Dimethylphthalate	9.56	163	1300825	35.34	nq	98
50) 2,6-Dinitrotoluene	9.62	165	271055	34.51	nq	93
51) Acenaphthene	9.87	154	1188893	39.80	nq	98
52) 3-Nitroaniline	9.79	138	299526	34.68	nq	88
53) 2,4-Dinitrophenol	9.89	184	160054	37.12	nq #	21
54) Dibenzofuran	10.04	168	1566852	38.91	nq	89
55) 4-Nitrophenol	9.97	139	269578	40.68	nq	91
56) 2,4-Dinitrotoluene	10.02	165	384607	36.09	nq	94
57) Fluorene	10.38	166	1199453	36.78	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	309845	34.83	nq #	89
59) Diethylphthalate	10.26	149	1254397	34.90	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	547362	33.54	nq #	88
61) 4-Nitroaniline	10.41	138	316358	36.42	nq #	83
62) Azobenzene	10.53	77	1553521	40.24	nq	94
64) 4,6-Dinitro-2-methylphenol	10.43	198	214006	35.59	nq #	48
65) n-Nitrosodiphenylamine	10.50	169	1188246	38.97	nq	98
66) 4-Bromophenyl-phenylether	10.86	248	388858	38.26	nq #	90
67) Hexachlorobenzene	10.93	284	433389	38.19	nq #	62
68) Atrazine	11.02	200	324386	34.40	nq	96
69) Pentachlorophenol	11.13	266	230732	33.48	nq	98
70) Phenanthrene	11.33	178	1719462	35.08	nq	99
71) Anthracene	11.39	178	1792786	34.72	nq	100
72) Carbazole	11.55	167	1780972	39.40	nq	98
73) Di-n-butylphthalate	11.88	149	1891917	33.60	nq	100
74) Fluoranthene	12.52	202	1758844	33.44	nq	98
76) Benzidine	12.65	184	926815	42.04	nq	99
77) Pyrene	12.75	202	1870227	41.40	nq	99
79) Butylbenzylphthalate	13.38	149	947661	47.48	nq	92
80) Benzo(a)anthracene	13.94	228	1670963	40.62	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	555952	38.01	nq	98
82) Chrysene	13.99	228	1642420	43.59	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	1173263	42.95	nq #	96
84) Di-n-octyl phthalate	14.57	149	1905692	41.82	nq	100
85) Indeno(1,2,3-cd)pyrene	16.74	276	1309996	40.37	nq	96
87) Benzo(b)fluoranthene	14.98	252	1460010	37.37	nq #	98
88) Benzo(k)fluoranthene	15.00	252	1290606m	37.24	nq	
89) Benzo(a)pyrene	15.32	252	1258403	37.18	nq	99
90) Dibenzo(a,h)anthracene	16.76	278	1073714	37.46	nq	99
91) Benzo(g,h,i)perylene	17.15	276	1045662	38.09	nq #	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

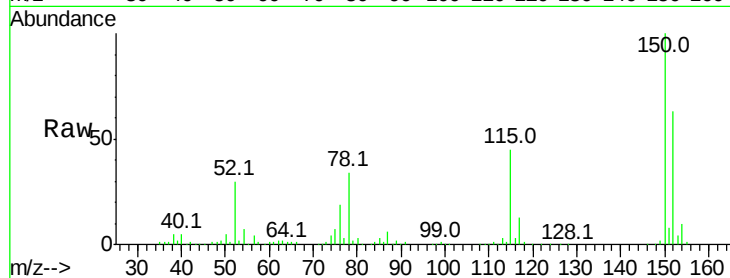
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.07 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

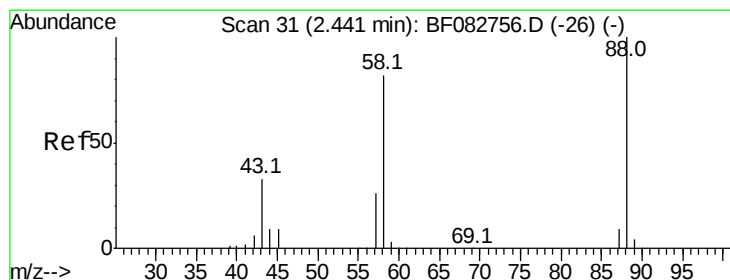
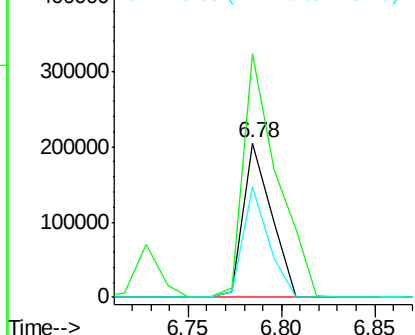
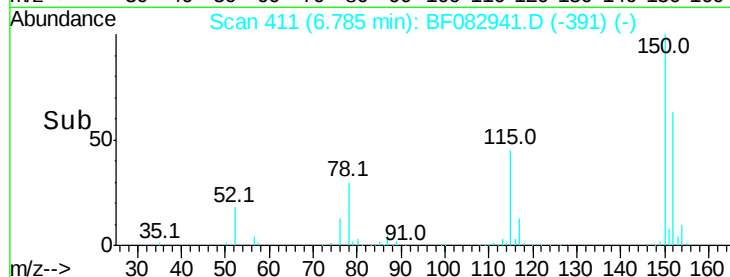
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	127.0	190.4
115	71.7	47.0	70.6

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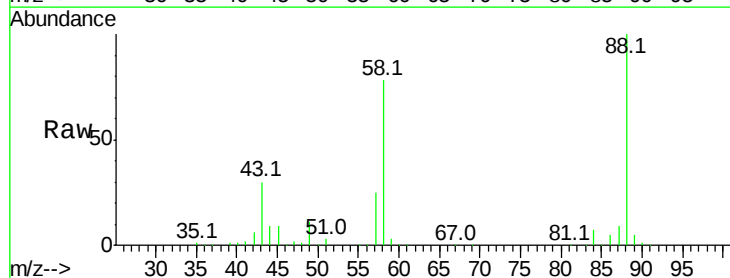
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



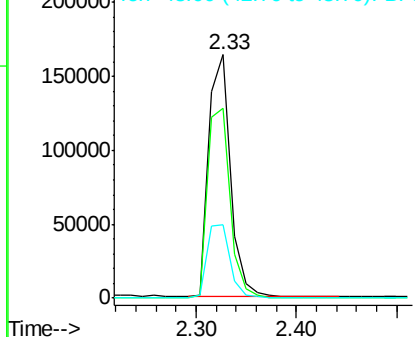
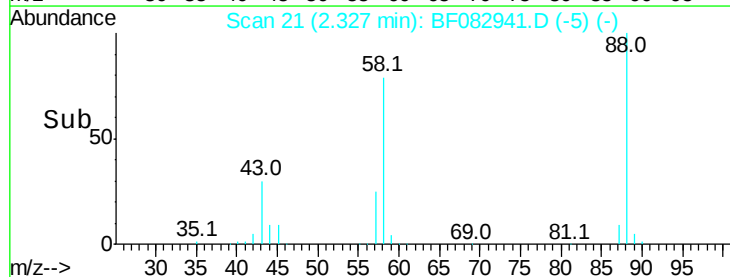
#2

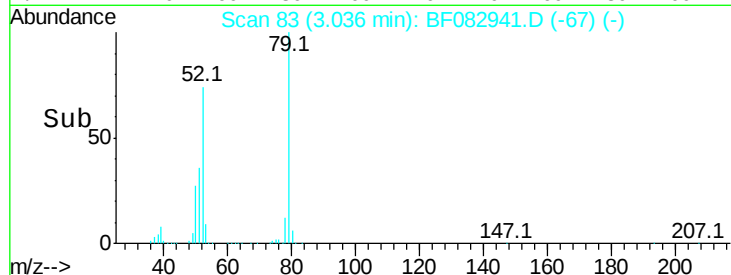
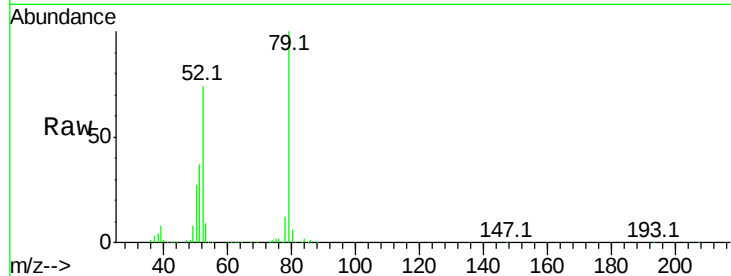
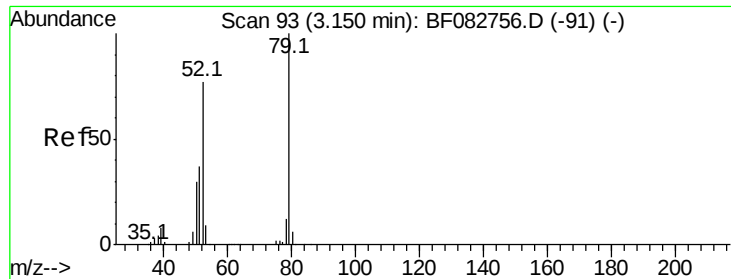
1,4-Dioxane
Concen: 41.07 ng
RT: 2.33 min Scan# 21
Delta R.T. -0.11 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	62.0	93.0
43	32.0	26.6	40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





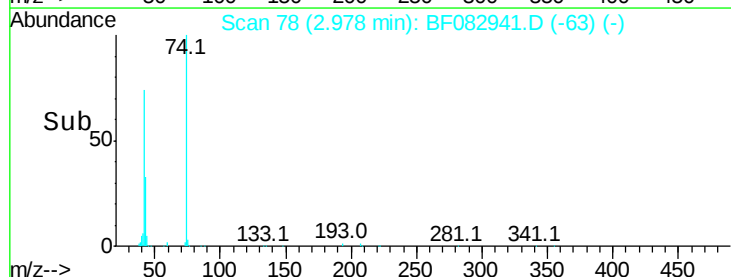
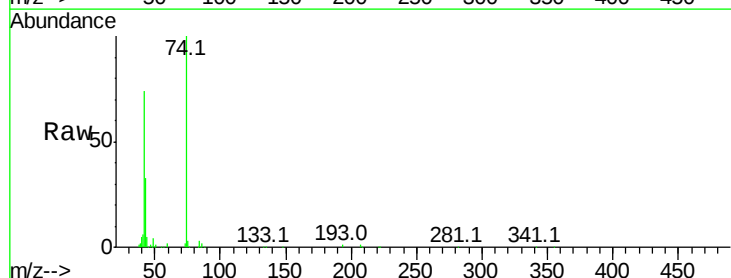
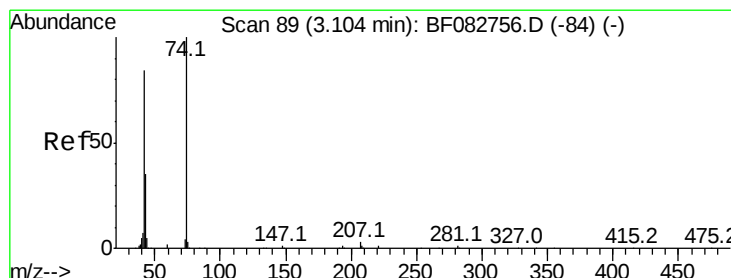
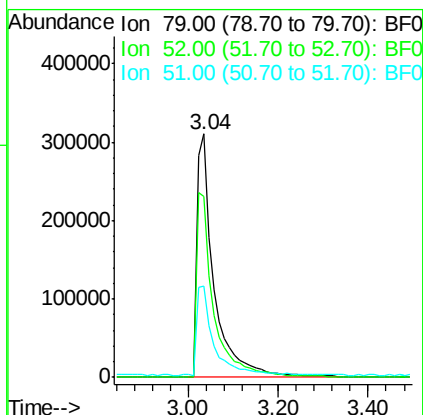
#3
 Pvridine
 Concen: 47.58 ng
 RT: 3.04 min Scan# 83
 Delta R.T. -0.11 min
 Lab File: BF082941.D
 Acq: 16 Nov 2015 13:51

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.5	62.8	94.2
51	37.5	32.0	48.0

Instrument :
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 SSTDCCC040

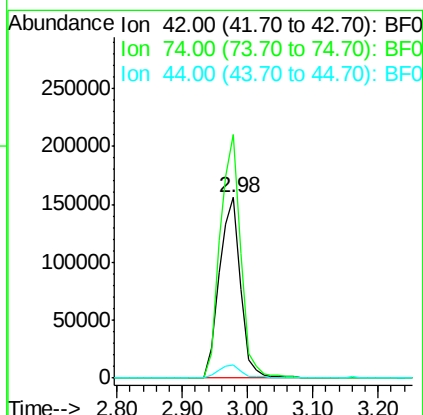
Manual Integrations
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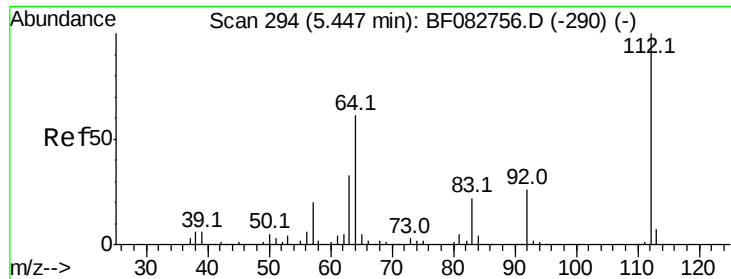
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#4
 n-Nitrosodimethylamine
 Concen: 40.70 ng
 RT: 2.98 min Scan# 78
 Delta R.T. -0.13 min
 Lab File: BF082941.D
 Acq: 16 Nov 2015 13:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.8	87.0	130.4#
44	7.0	5.8	8.8





#5

2-Fluorophenol

Concen: 79.20 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1093529

Ion Ratio Lower Upper

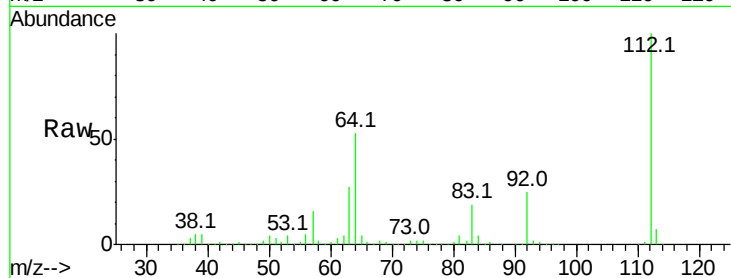
112 100

64 53.4 48.9 73.3

63 27.1 28.1 42.1#

Manual Integrations
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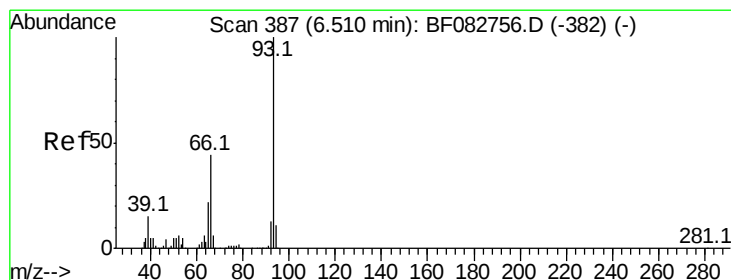
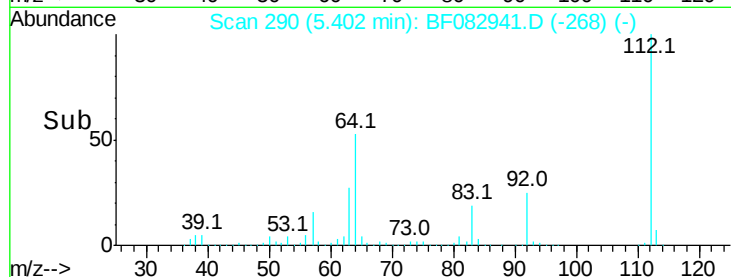
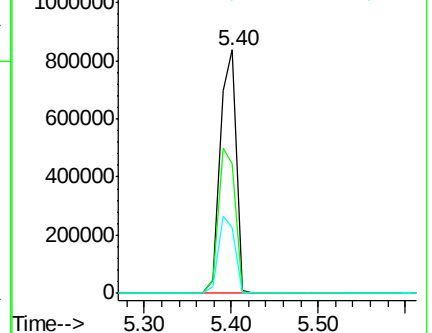
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.06 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

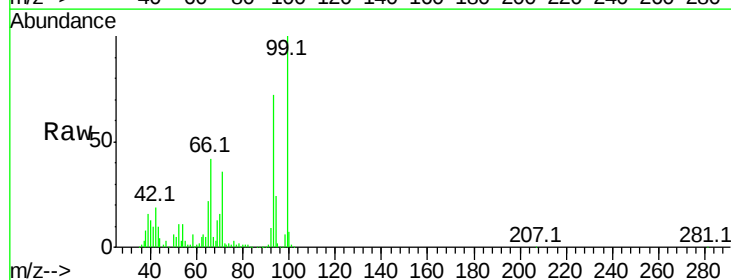
Tgt Ion: 93 Resp: 929377

Ion Ratio Lower Upper

93 100

66 58.6 33.6 50.4#

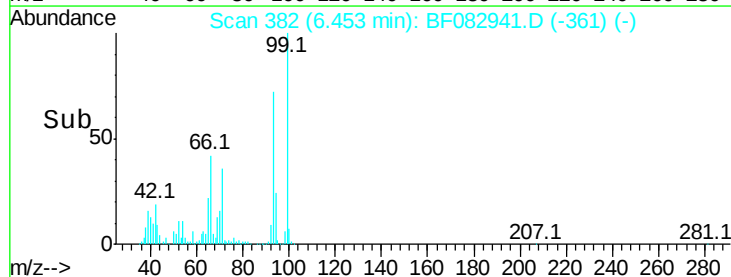
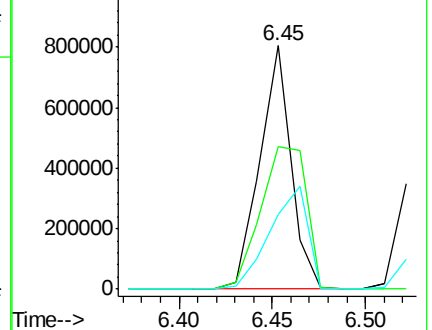
65 30.6 18.1 27.1#

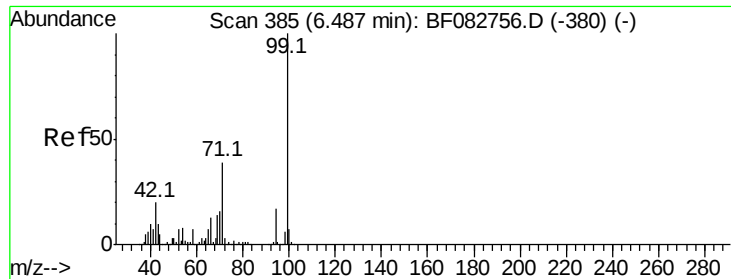


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.93 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1430583

Ion Ratio Lower Upper

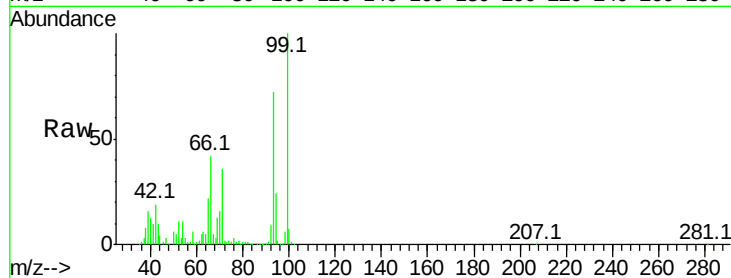
99 100

42 19.2 19.2 28.8#

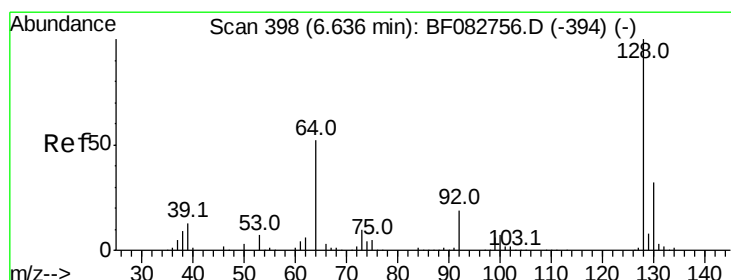
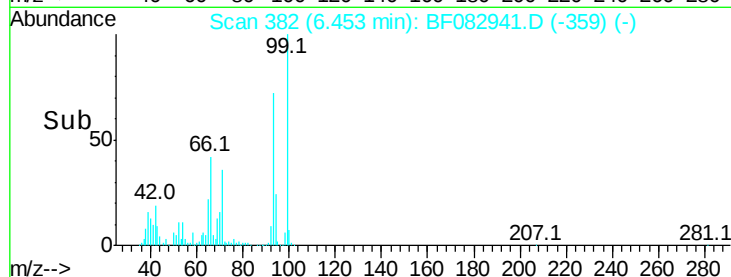
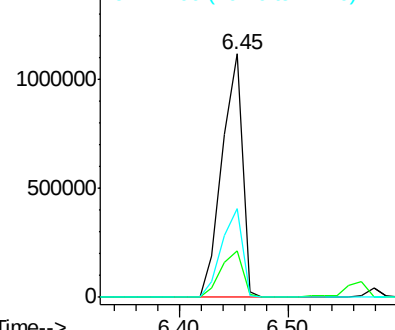
71 36.5 35.0 52.4

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.49 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

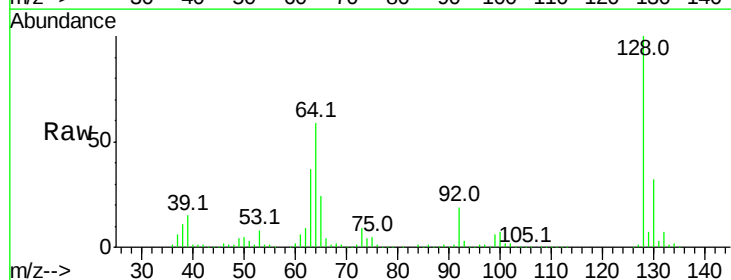
Tgt Ion:128 Resp: 573808

Ion Ratio Lower Upper

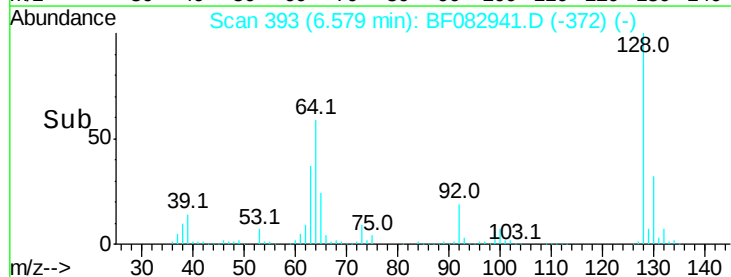
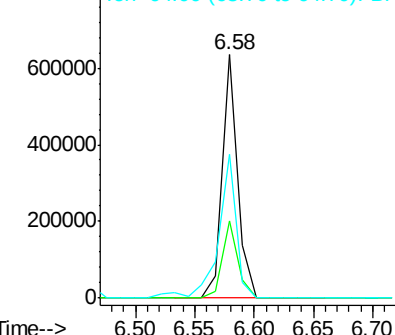
128 100

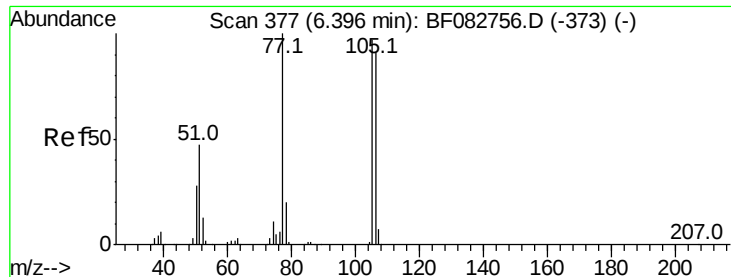
130 31.9 13.5 53.5

64 58.9 21.1 61.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.92 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.07 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Instrument :

BNA_F

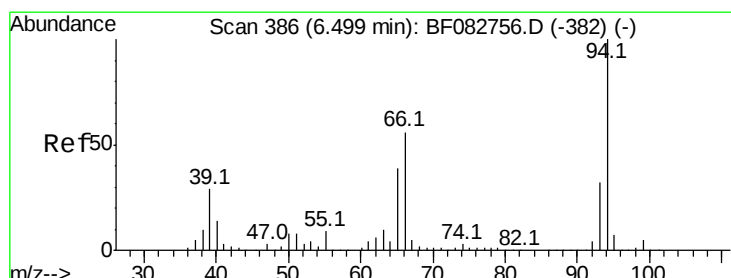
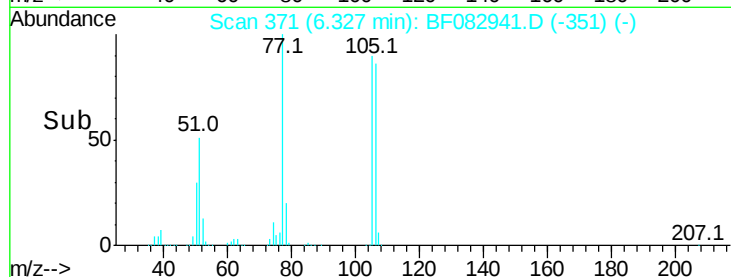
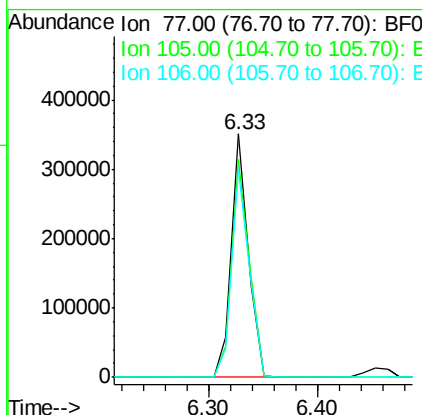
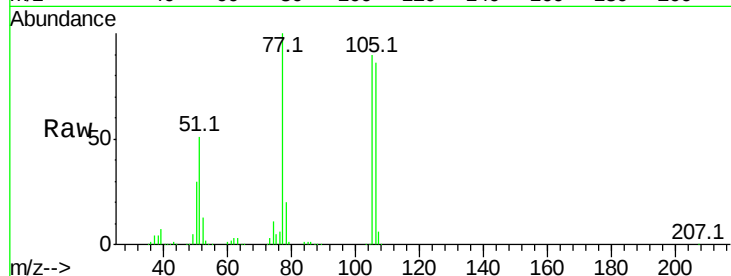
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	89.5	63.5	103.5
106	85.5	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 44.59 ng

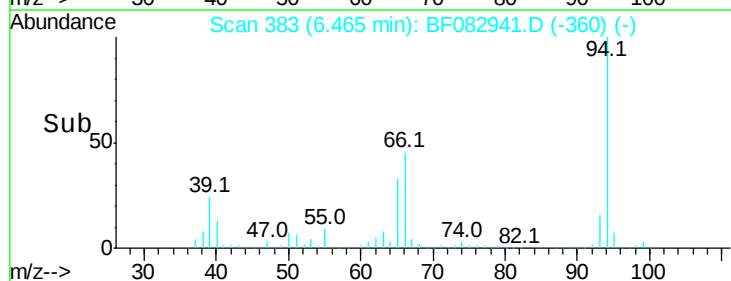
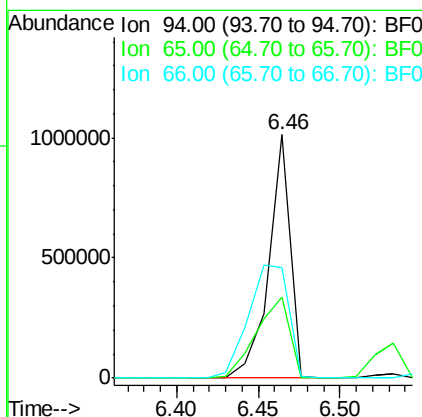
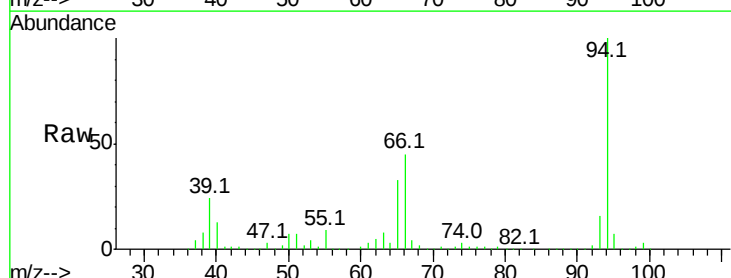
RT: 6.46 min Scan# 383

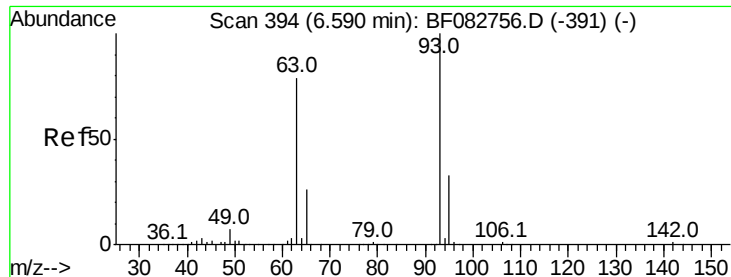
Delta R.T. -0.03 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.4	18.9	58.9
66	45.2	34.9	74.9





#11

bis(2-Chloroethyl)ether

Concen: 41.97 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.06 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Instrument :

BNA_F

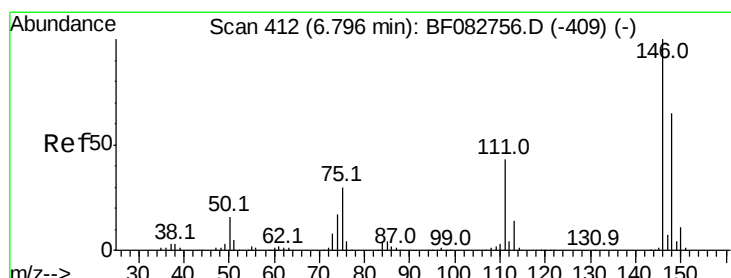
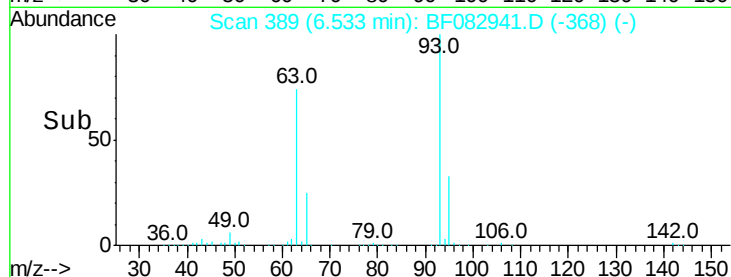
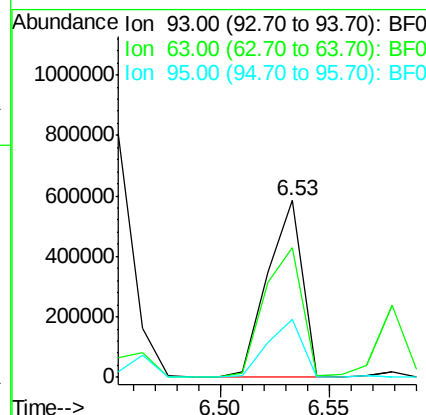
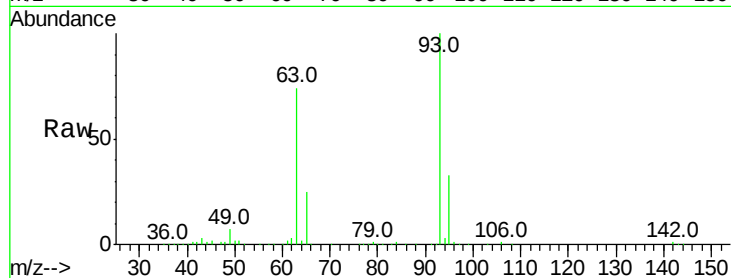
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	653743
Ion	Ratio	Lower	Upper
93	100		
63	73.6	72.7	112.7
95	32.9	12.0	52.0

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#12

1,3-Dichlorobenzene

Concen: 36.94 ng

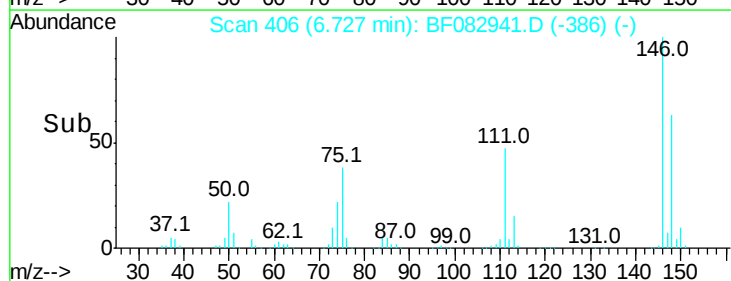
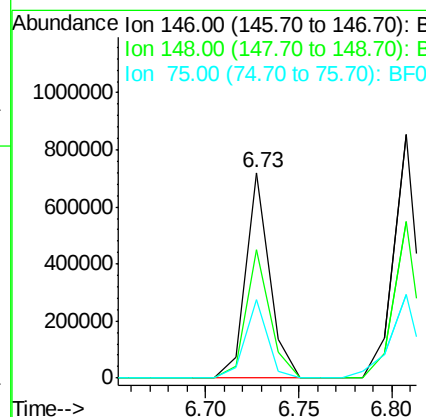
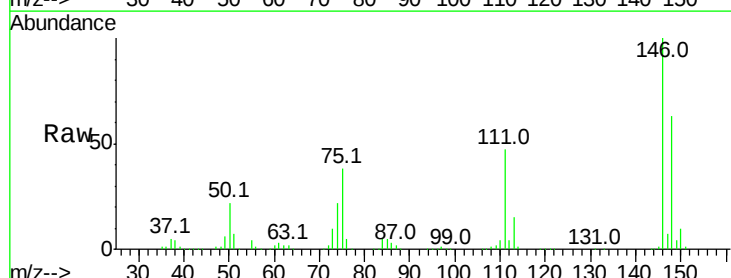
RT: 6.73 min Scan# 406

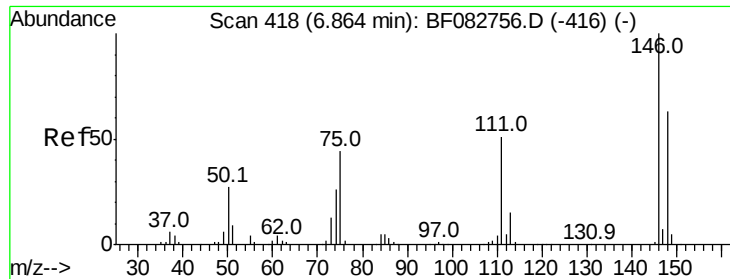
Delta R.T. -0.07 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Tgt Ion:	146	Resp:	637747
Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.5	75.7
75	38.2	39.5	59.3#





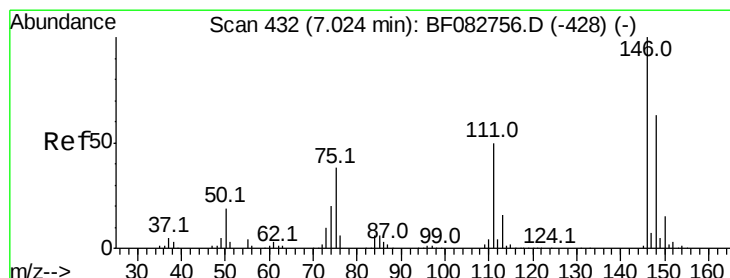
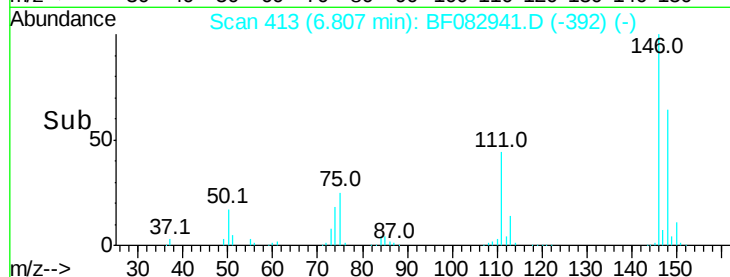
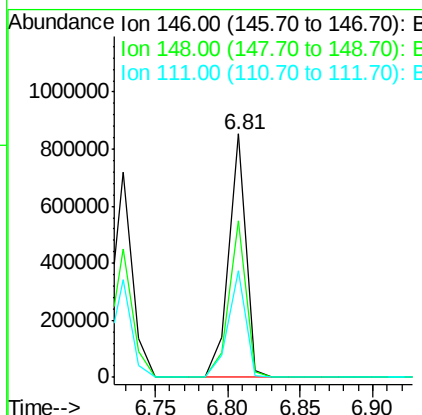
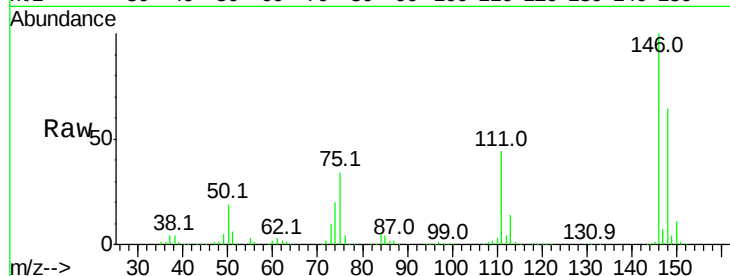
#13
 1,4-Dichlorobenzene
 Concen: 38.91 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.06 min
 Lab File: BF082941.D
 Acq: 16 Nov 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	43.9	40.6	60.8

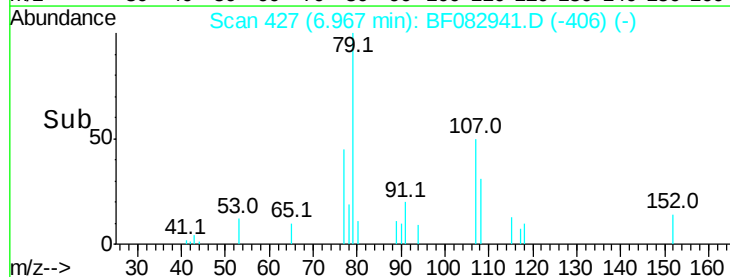
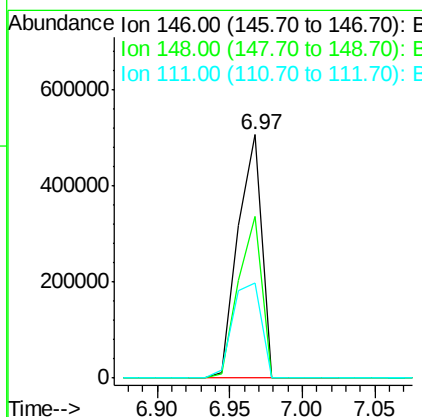
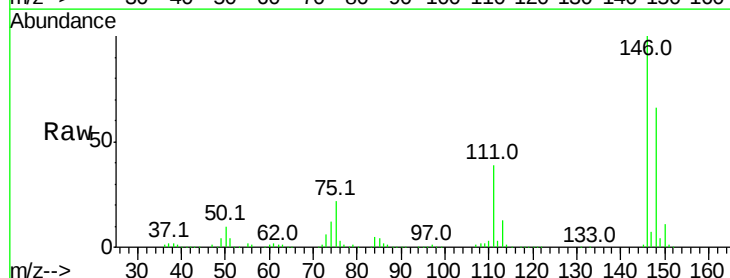
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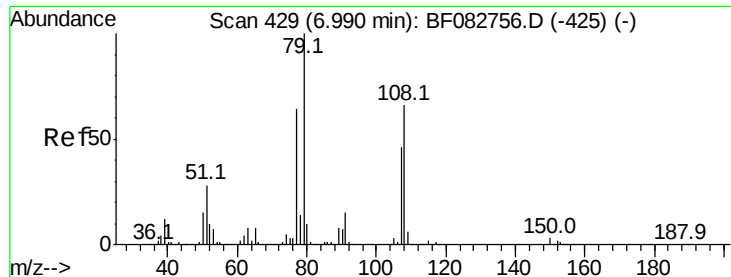
mmdadoda
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#14
 1,2-Dichlorobenzene
 Concen: 35.29 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.06 min
 Lab File: BF082941.D
 Acq: 16 Nov 2015 13:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.2	78.4
111	38.9	36.6	55.0





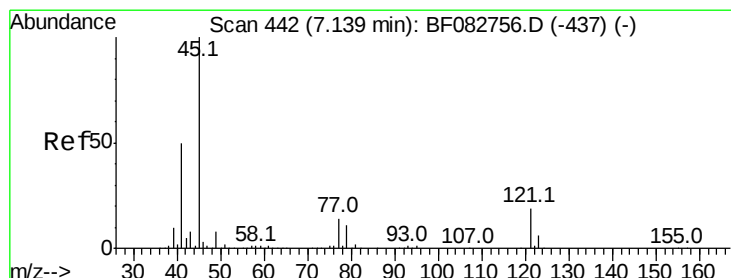
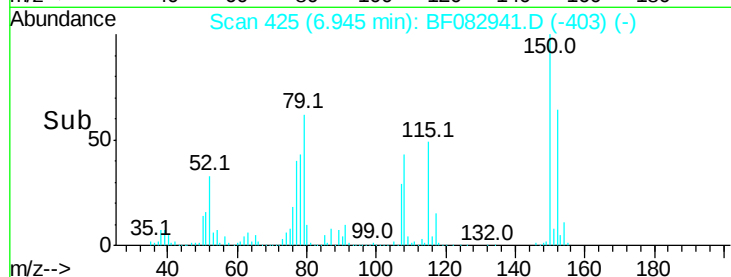
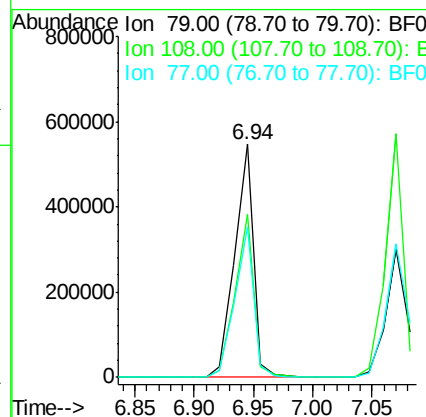
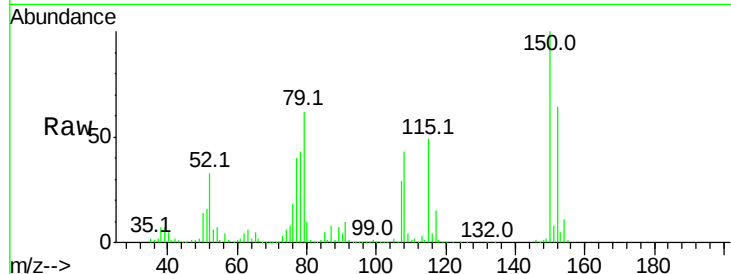
#15
Benzyl Alcohol
Concen: 37.44 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.05 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	69.7	52.2		78.4	
77	64.6	52.7		79.1	

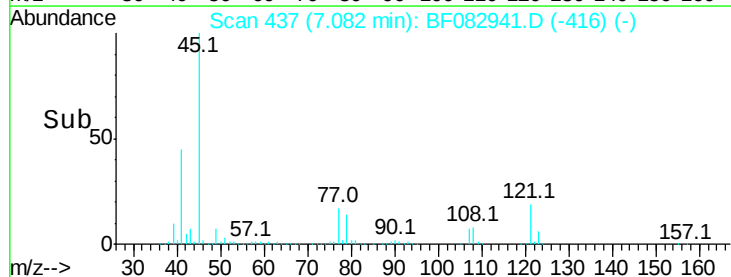
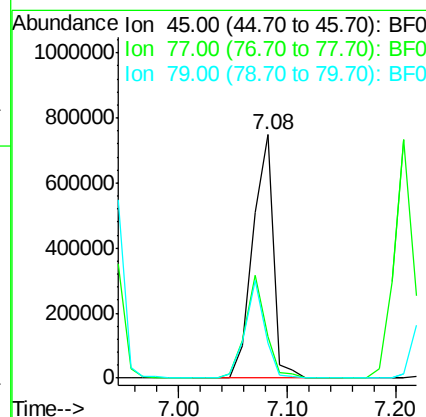
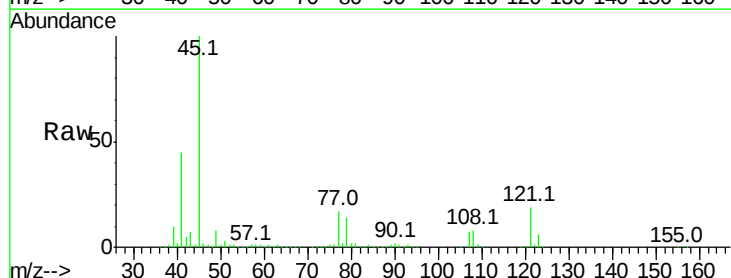
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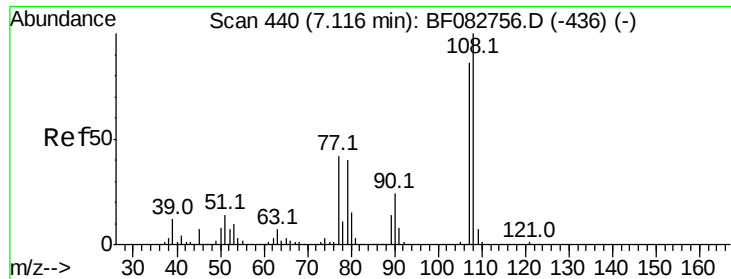
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.85 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.06 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	16.8	0.0		32.6	
79	14.1	0.0		29.2	





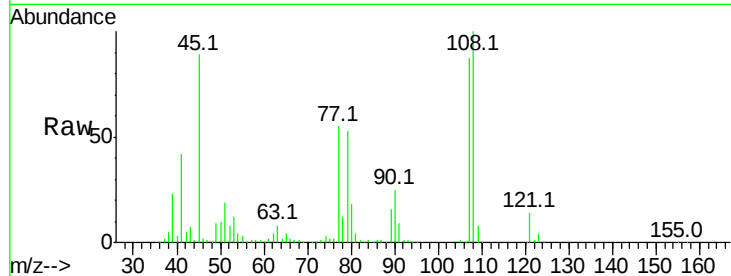
#17
2-Methylphenol
Concen: 41.09 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.05 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

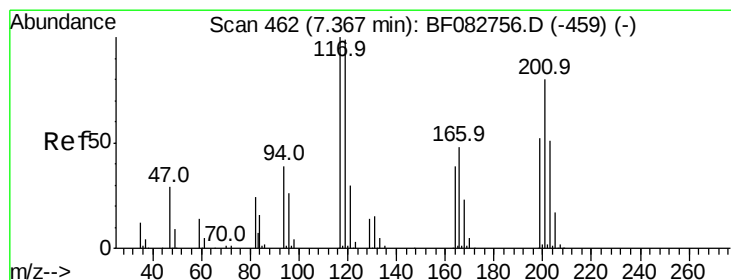
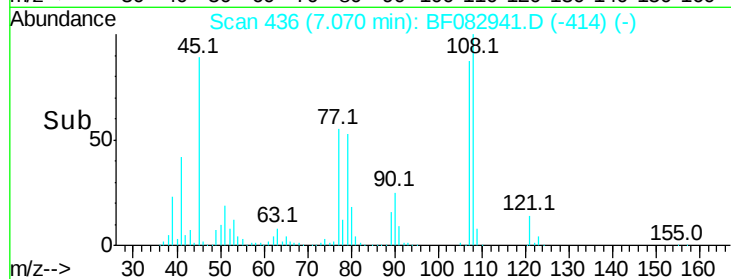
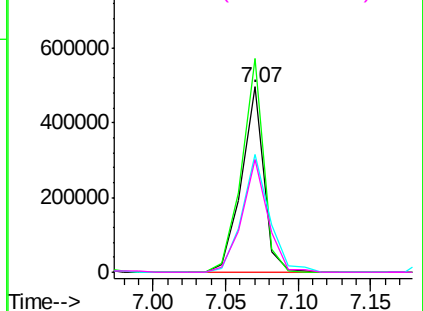
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.3	93.0	139.4	
77	63.5	44.1	66.1	
79	60.7	43.6	65.4	

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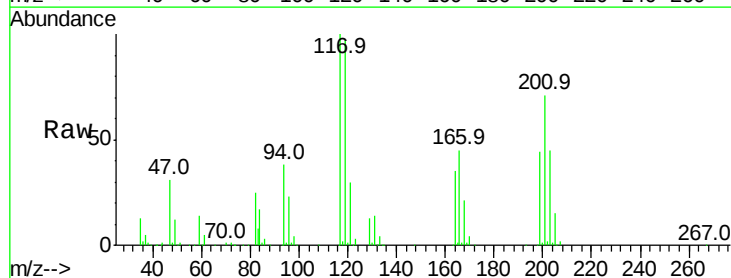


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

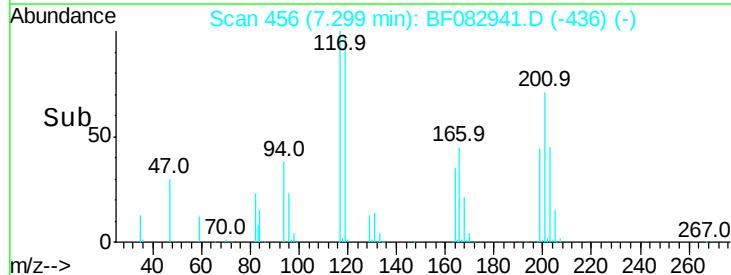
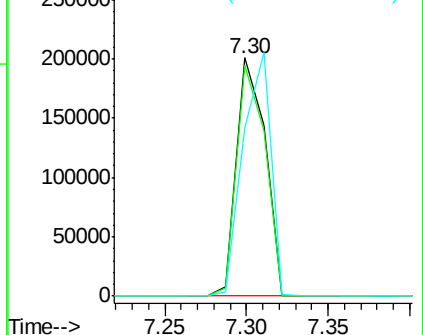


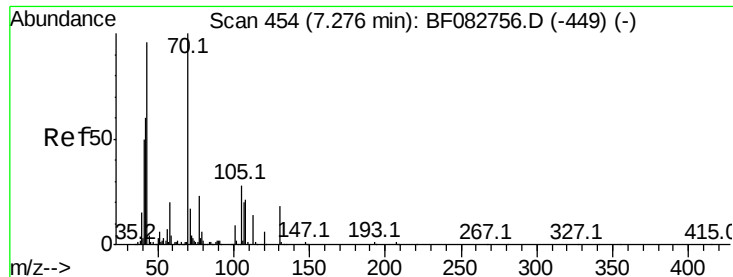
#18
Hexachloroethane
Concen: 37.78 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.07 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	77.7	116.5	
201	70.5	66.7	100.1	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





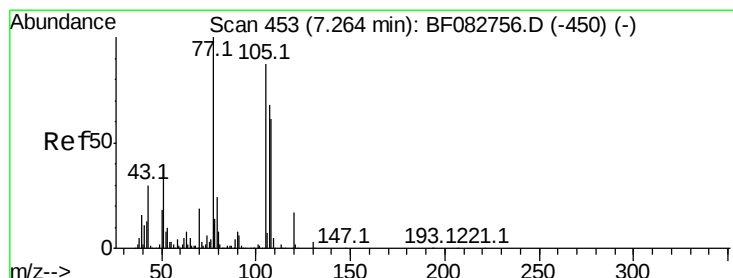
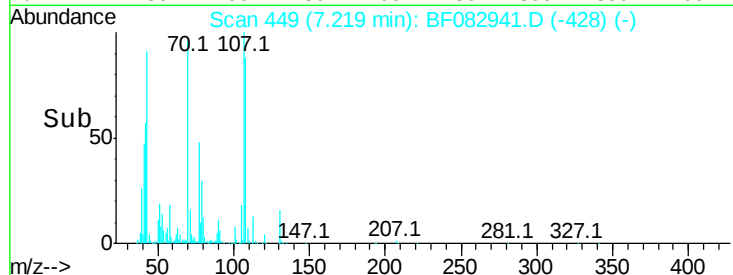
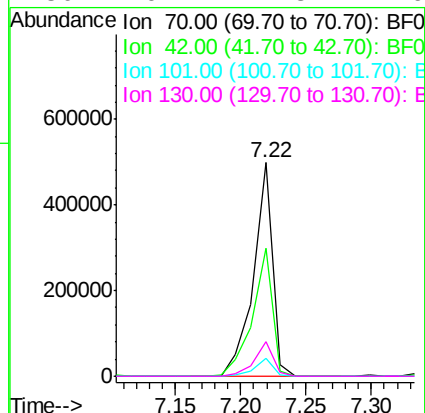
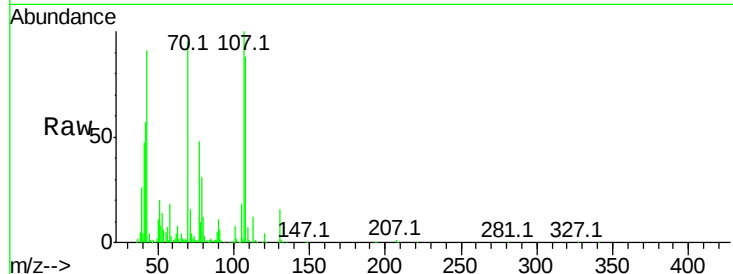
#19
n-Nitroso-di-n-propylamine
Concen: 37.86 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.06 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.2	57.7	86.5	
101	8.2	7.0	10.6	
130	16.4	11.8	17.6	

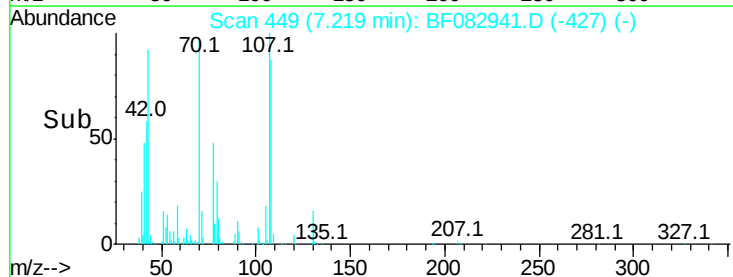
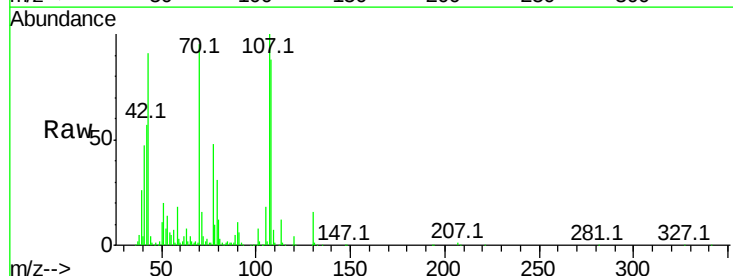
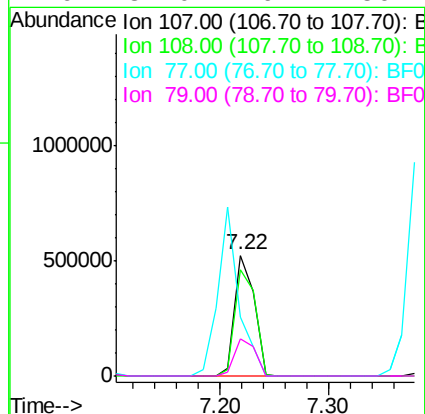
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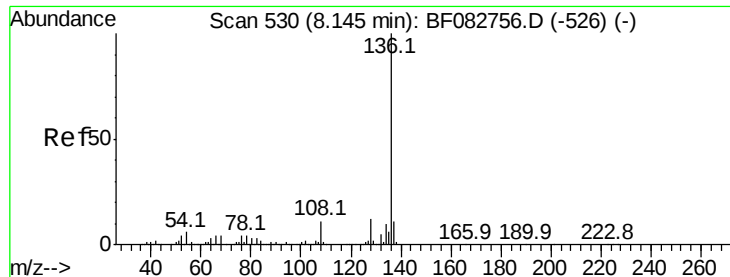
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#20
3+4-Methylphenols
Concen: 38.04 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.8	67.3	107.3	
77	48.5	100.3	140.3#	
79	31.0	16.2	56.2	





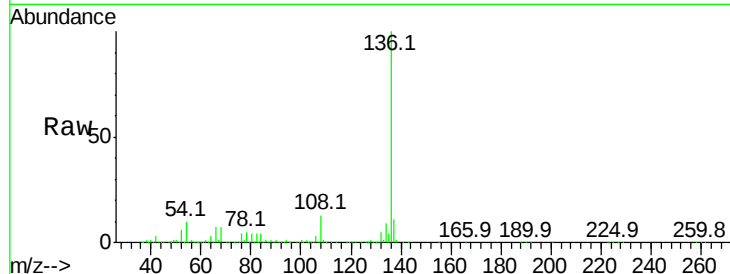
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.07 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

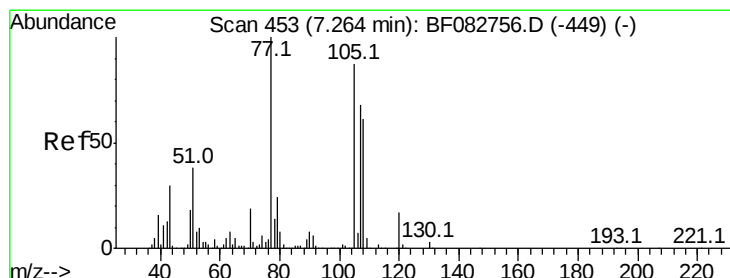
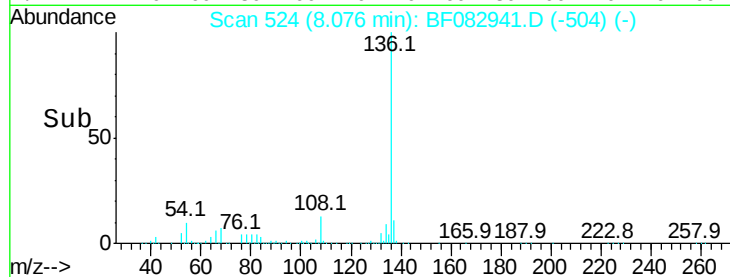
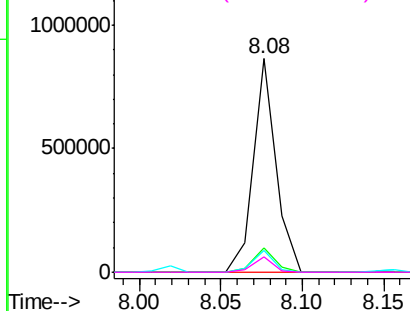
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	10.2	9.1	13.7	
68	6.9	4.8	7.2	

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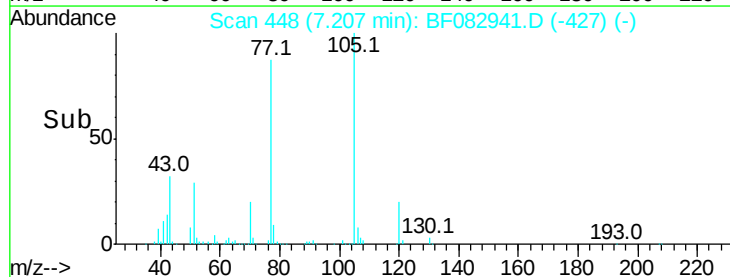
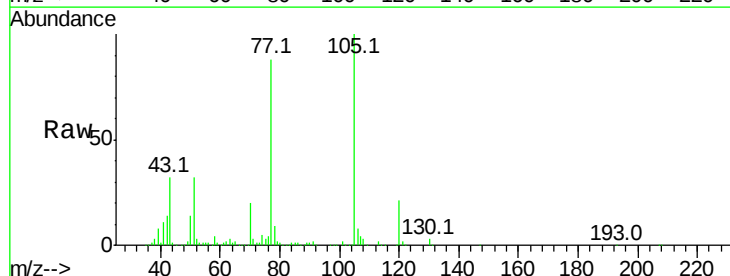
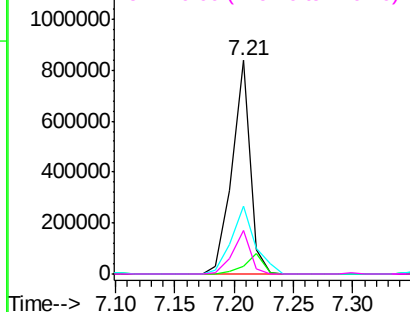
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

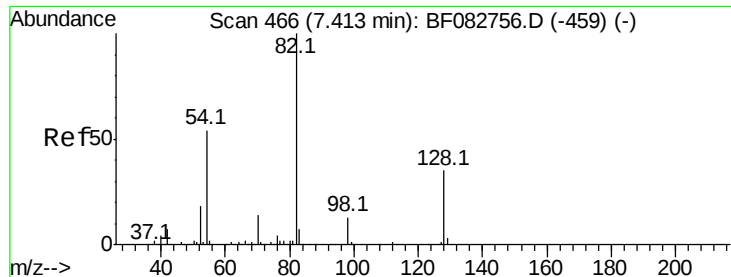


#22
Acetophenone
Concen: 37.39 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.06 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.3	5.6	8.4#	
51	31.6	24.9	37.3	
120	20.6	15.8	23.8	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





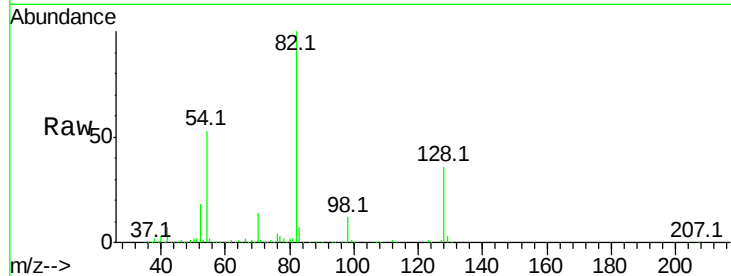
#23
Nitrobenzene-d5
Concen: 74.67 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.06 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

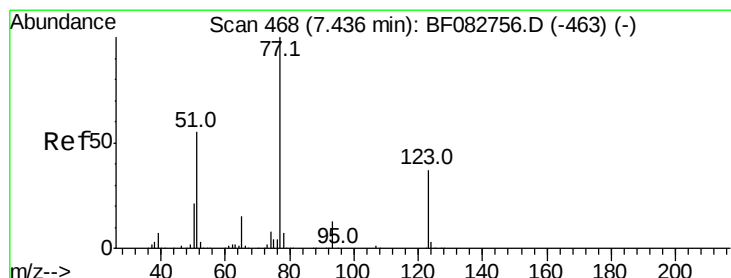
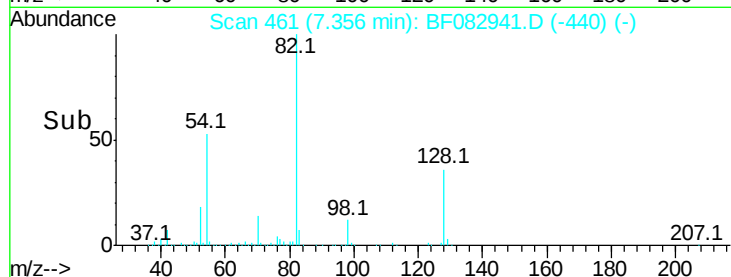
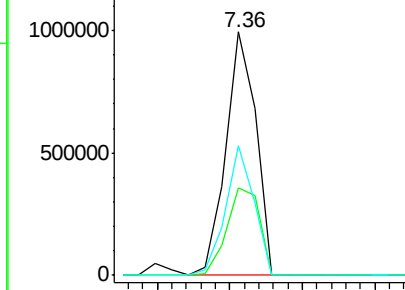
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.0	26.8	40.2
54	53.0	45.7	68.5

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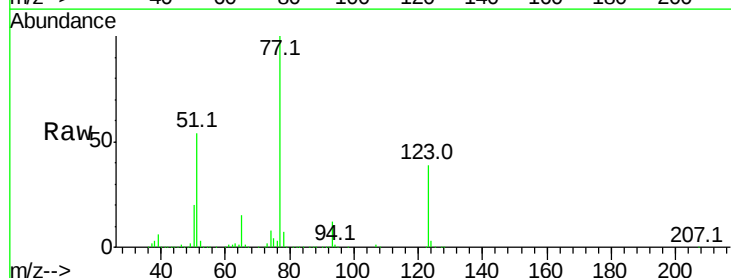


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

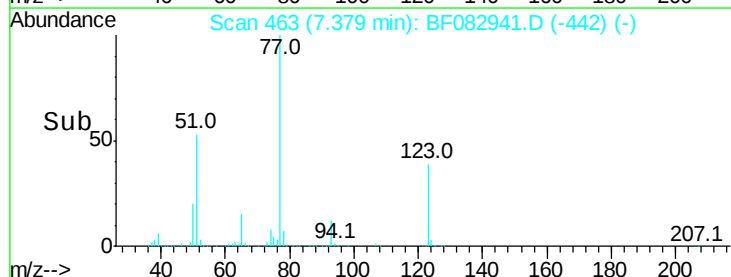
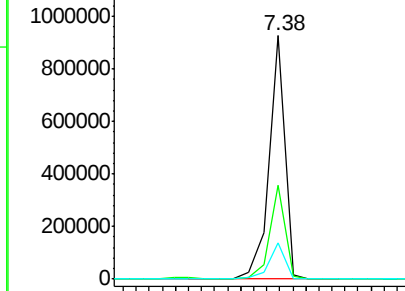


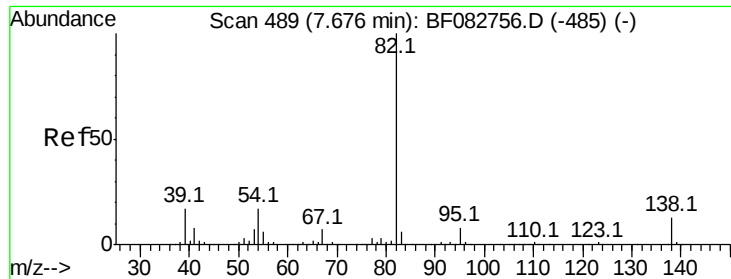
#24
Nitrobenzene
Concen: 40.35 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.06 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.6	36.4	54.6
65	14.8	11.5	17.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.78 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.05 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1404605

Ion Ratio Lower Upper

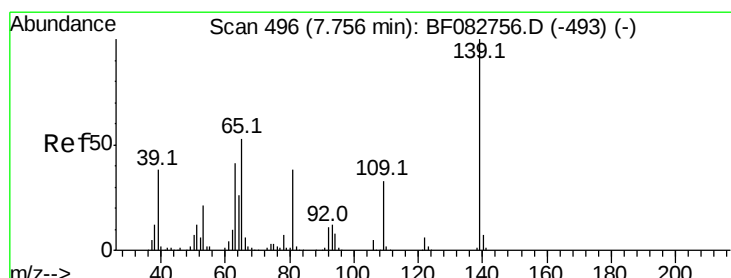
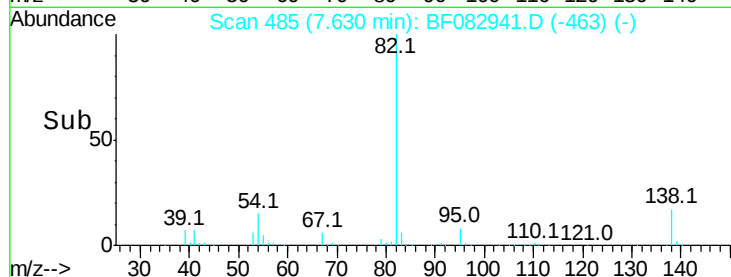
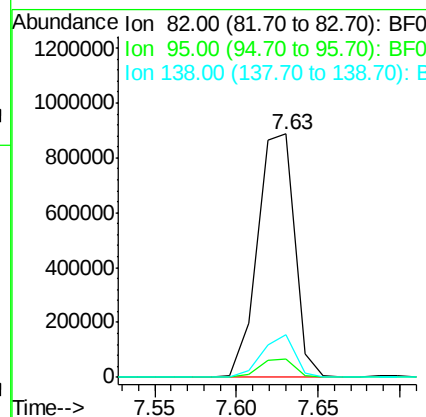
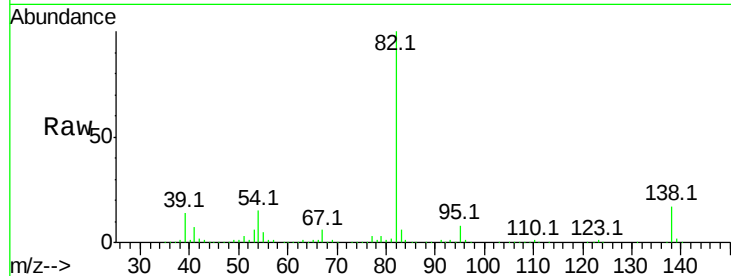
82 100

95 7.8 6.6 9.8

138 17.3 11.4 17.0#

Manual Integrations
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mmdadoda
11/17/2015 5:55:56 PM



#26

2-Nitrophenol

Concen: 43.01 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.06 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

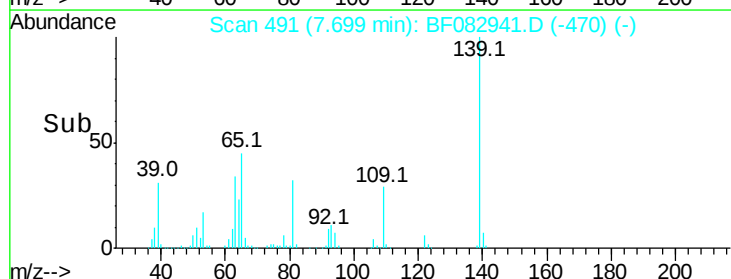
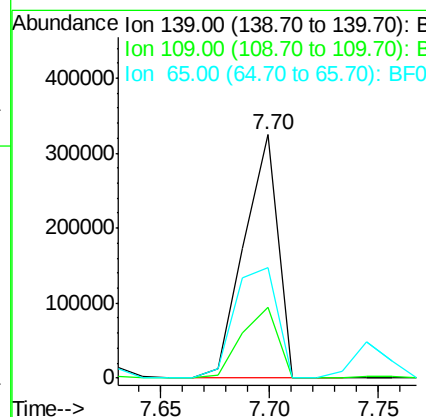
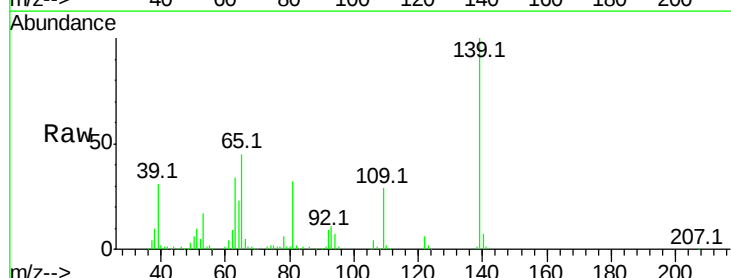
Tgt Ion: 139 Resp: 350385

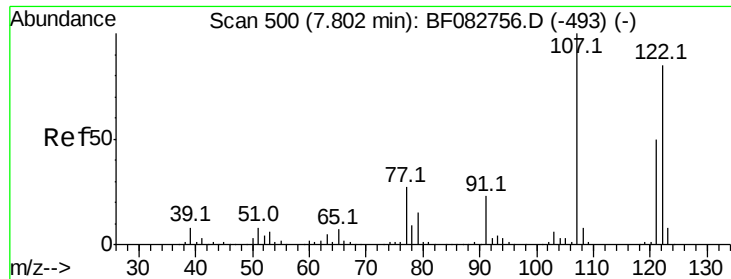
Ion Ratio Lower Upper

139 100

109 29.0 37.6 56.4#

65 45.4 70.6 105.8#





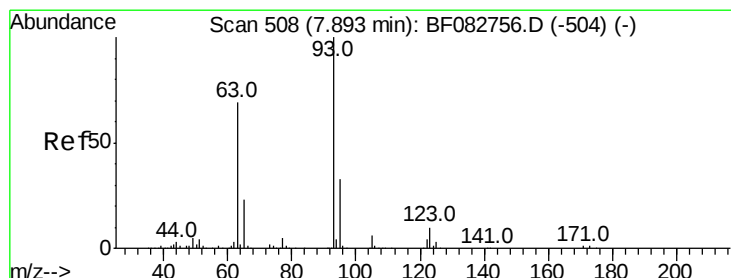
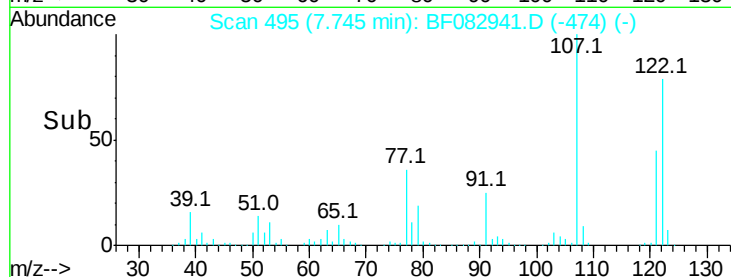
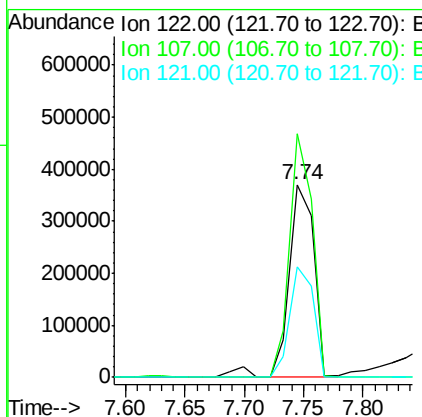
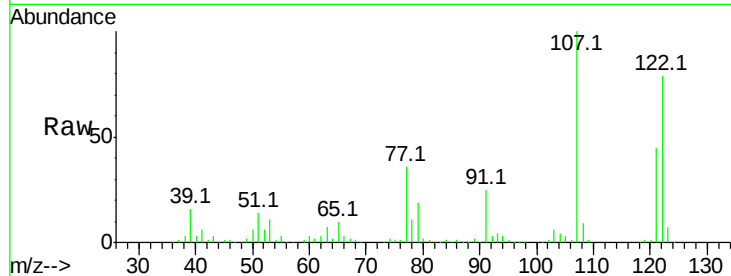
#27
 2,4-Dimethylphenol
 Concen: 37.12 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.06 min
 Lab File: BF082941.D
 Acq: 16 Nov 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	543298		
107	126.3	106.0	159.0	
121	57.4	46.7	70.1	

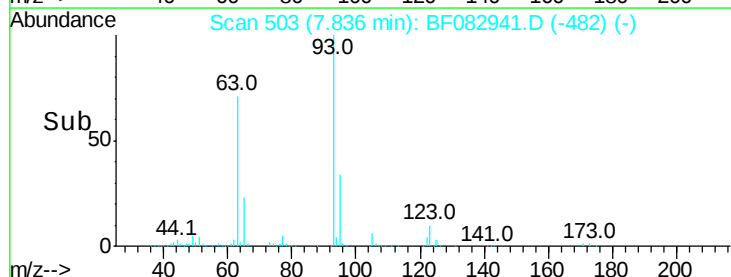
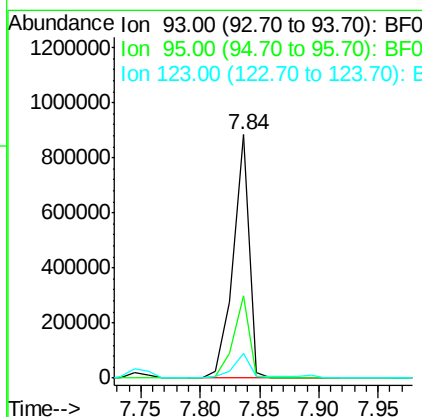
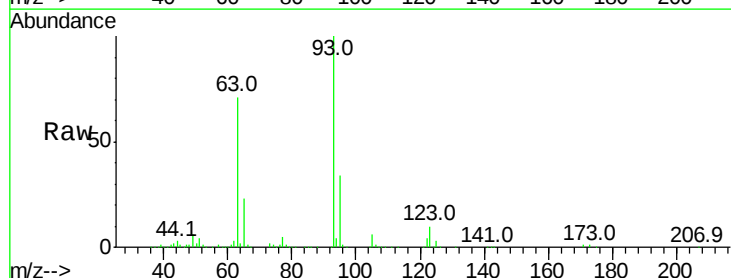
Manual Integrations
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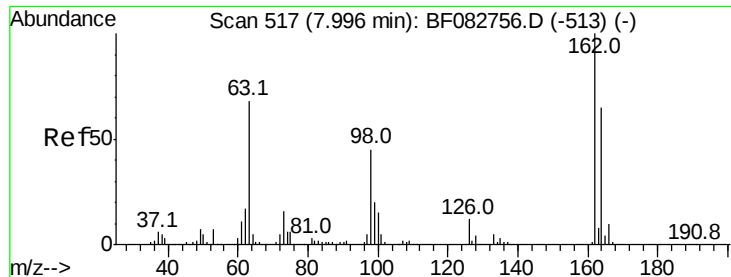
mmdadoda
 11/17/2015 5:55:56 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.73 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.06 min
 Lab File: BF082941.D
 Acq: 16 Nov 2015 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	831273		
95	33.6	26.6	40.0	
123	10.3	9.7	14.5	





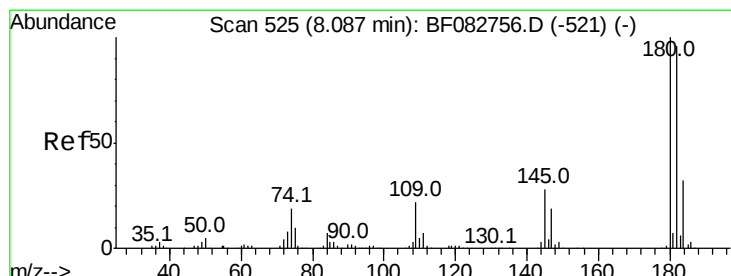
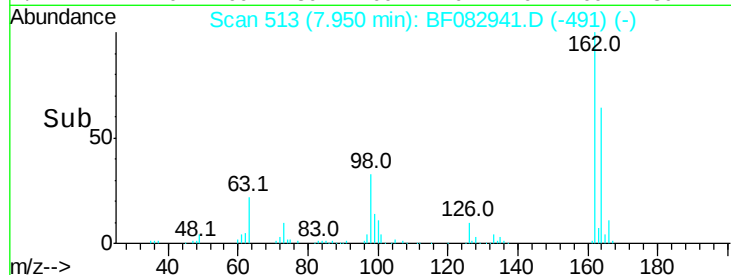
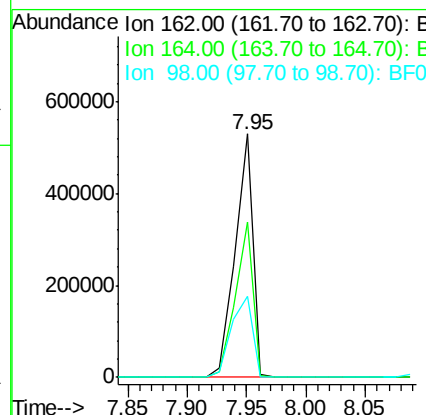
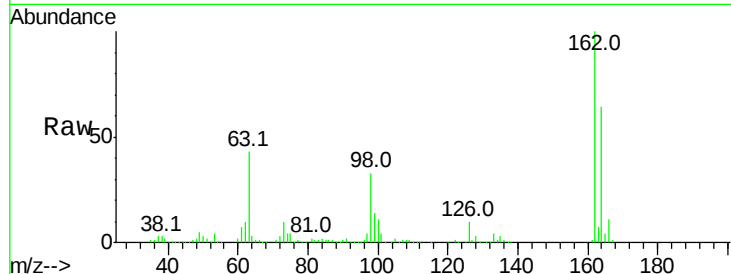
#29
2,4-Dichlorophenol
Concen: 41.34 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.05 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.5	46.8	86.8
98	33.3	12.5	52.5

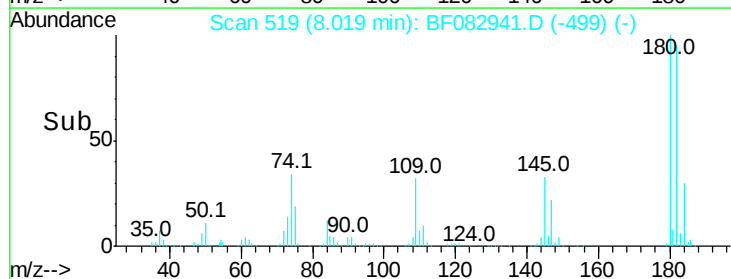
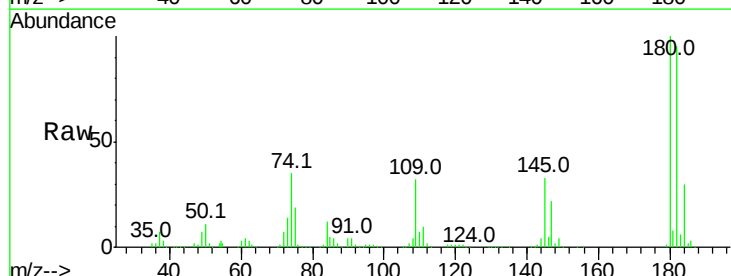
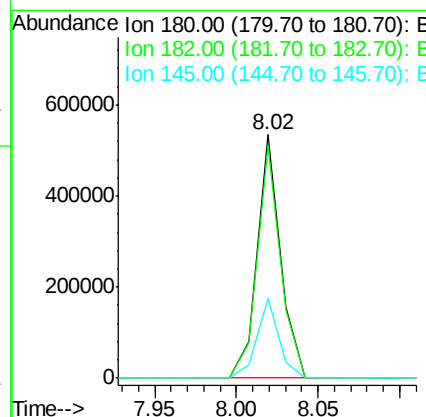
Manual Integrations
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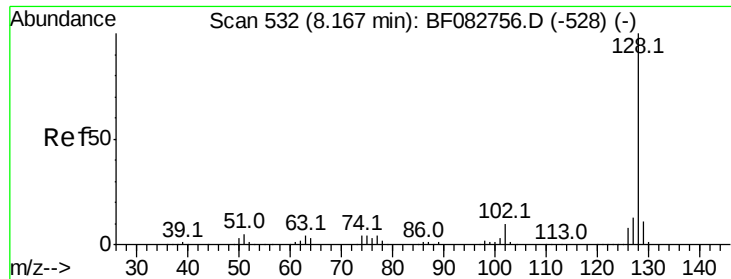
mmdadoda
11/17/2015 5:55:56 PM



#30
1,2,4-Trichlorobenzene
Concen: 35.52 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.07 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.3	74.9	112.3
145	32.8	27.8	41.8





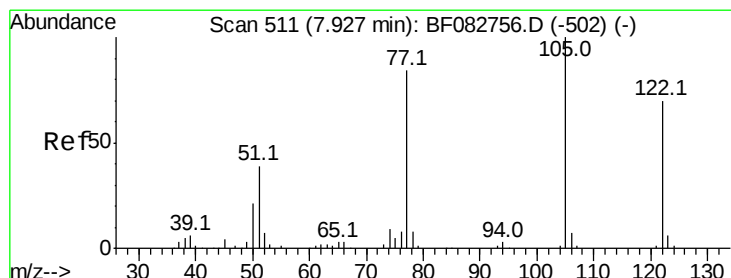
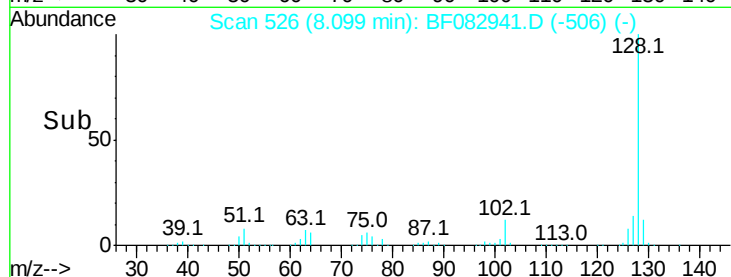
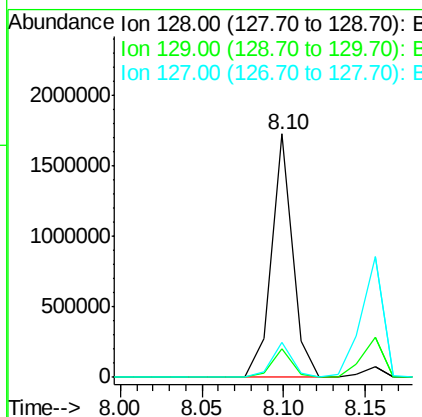
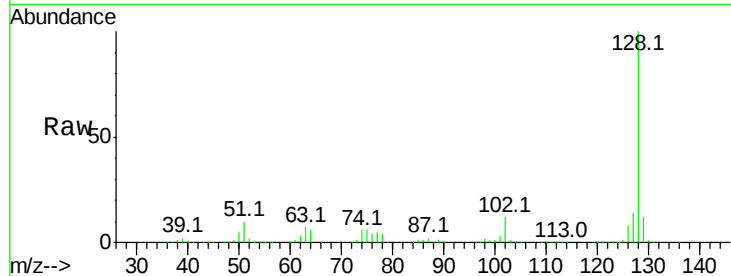
#31
Naphthalene
Concen: 33.95 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.07 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1555484
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.4 11.4 17.0

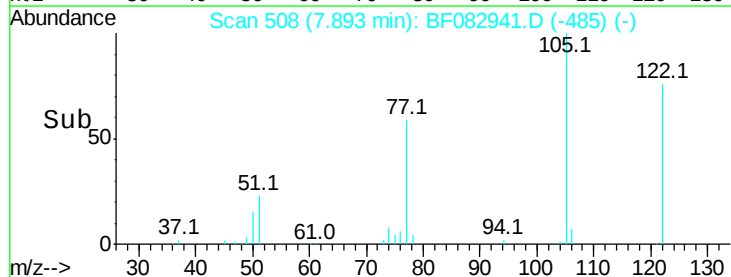
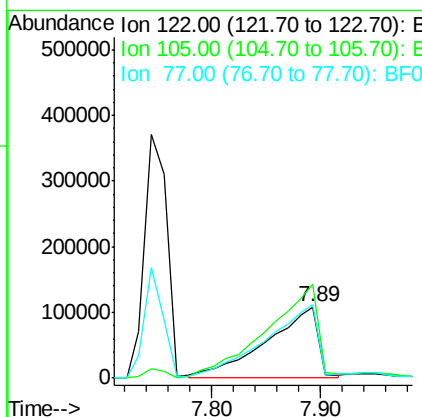
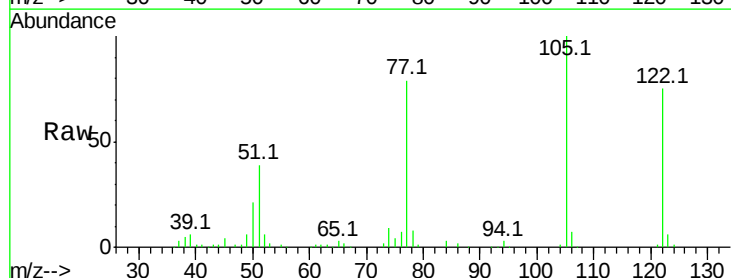
Manual Integrations
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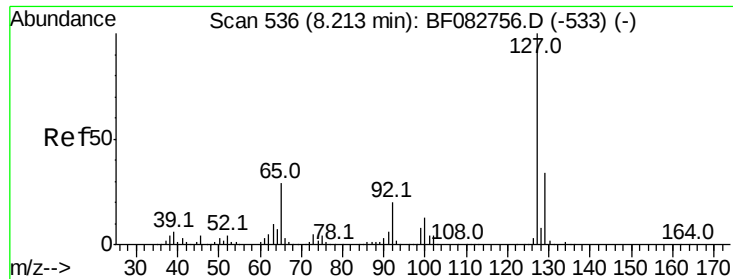
mmdadoda
11/17/2015 5:55:56 PM



#32
Benzoic acid
Concen: 35.32 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.03 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Tgt Ion:122 Resp: 353988
Ion Ratio Lower Upper
122 100
105 132.7 122.6 162.6
77 104.3 100.9 140.9





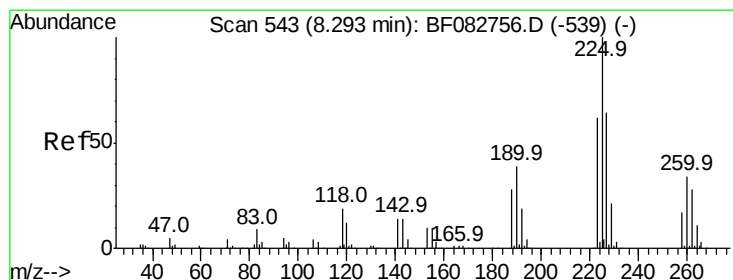
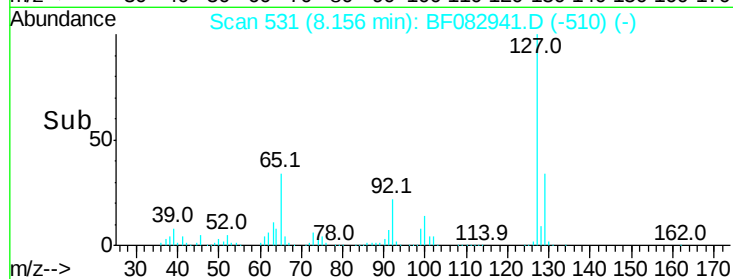
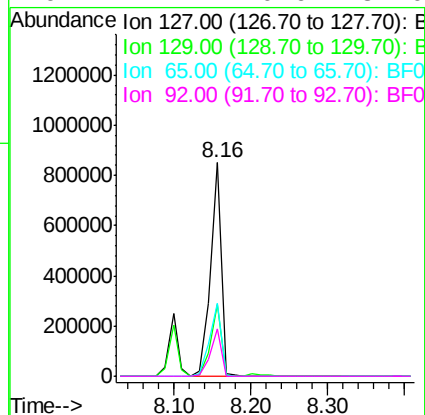
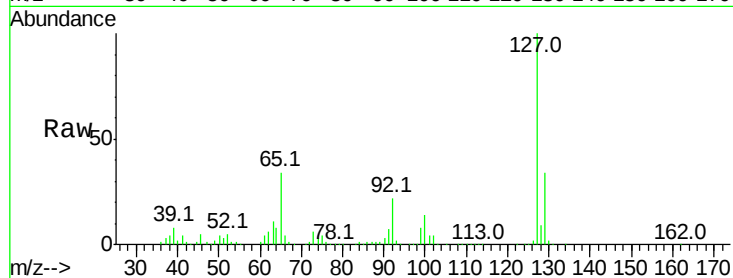
#33
4-Chloroaniline
Concen: 41.01 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.7	26.3	39.5	
65	34.2	37.8	56.8	
92	22.1	20.6	31.0	

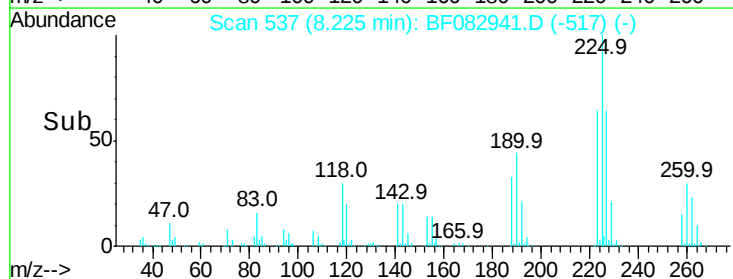
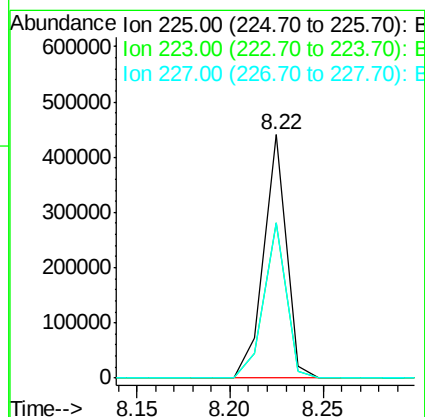
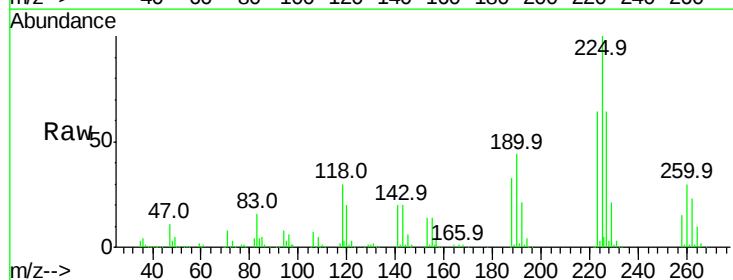
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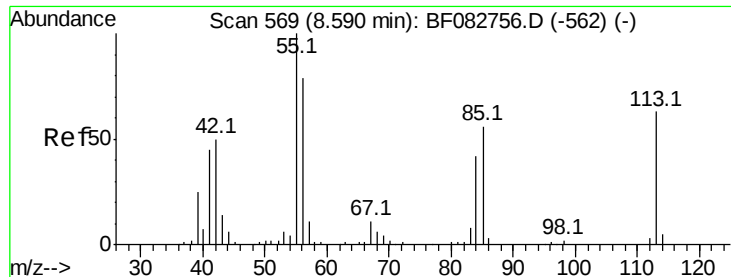
mmdadoda
11/17/2015 5:55:56 PM



#34
Hexachlorobutadiene
Concen: 39.32 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.07 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	50.5	75.7	
227	63.7	50.2	75.2	





#35

Caprolactam

Concen: 41.66 ng

RT: 8.54 min Scan# 565

Delta R.T. -0.05 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Instrument :

BNA_F

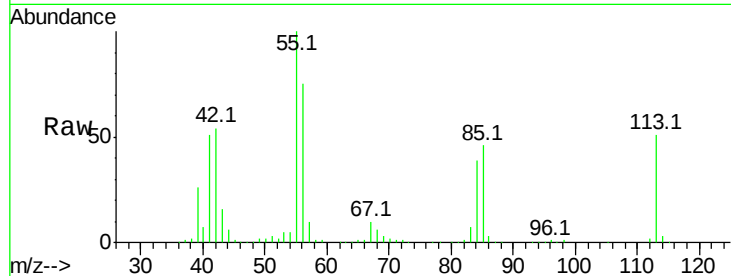
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	196.2	195.5	235.5
56	147.2	153.5	193.5#

Manual Integrations
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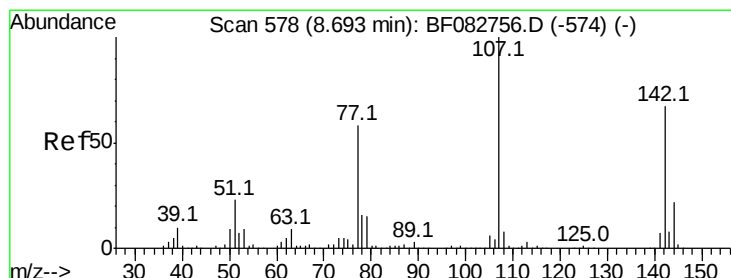
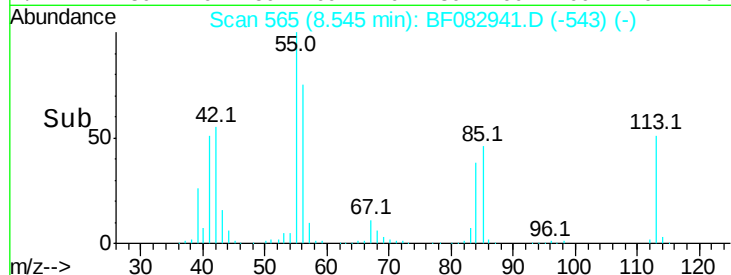
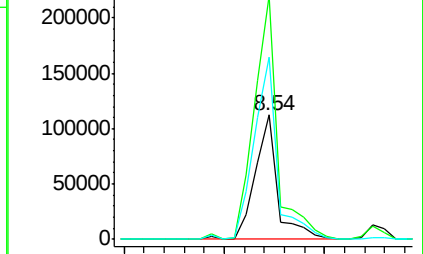
mmdadoda
11/17/2015 5:55:56 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.18 ng

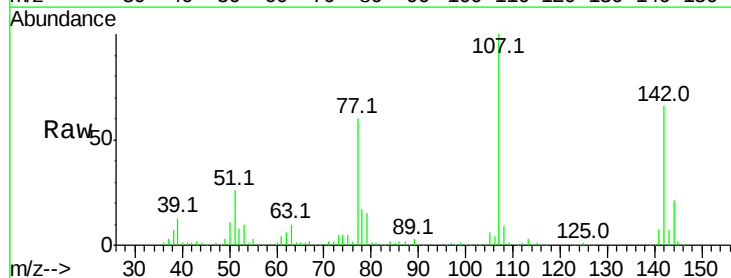
RT: 8.65 min Scan# 574

Delta R.T. -0.05 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

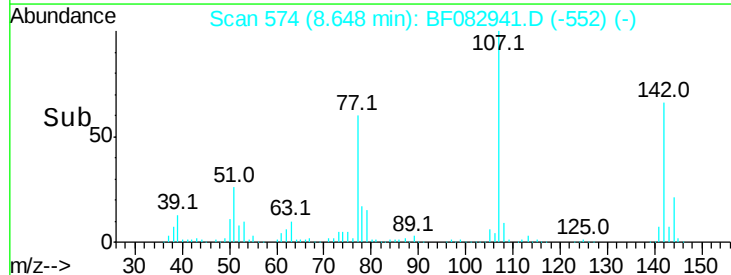
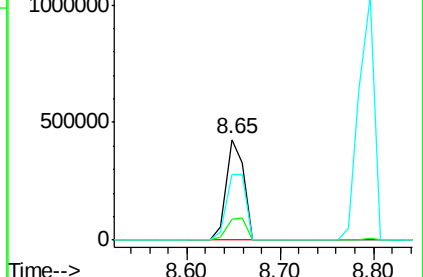
Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.2	15.4	23.0
142	65.5	47.8	71.8

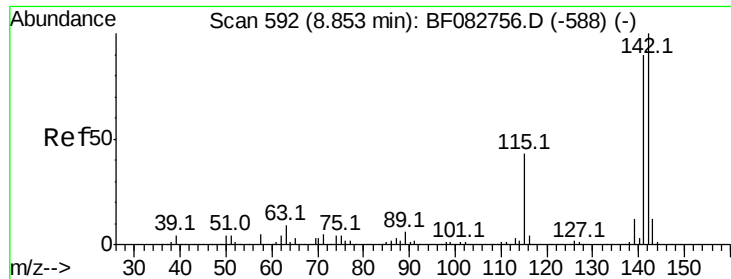


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





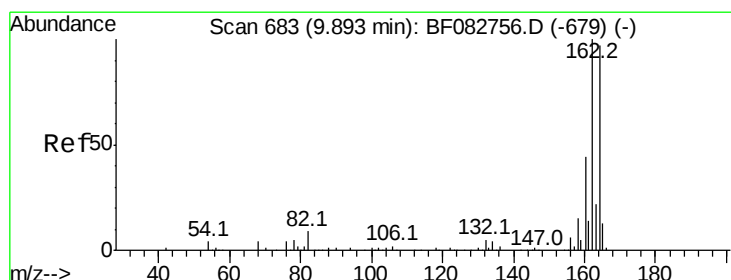
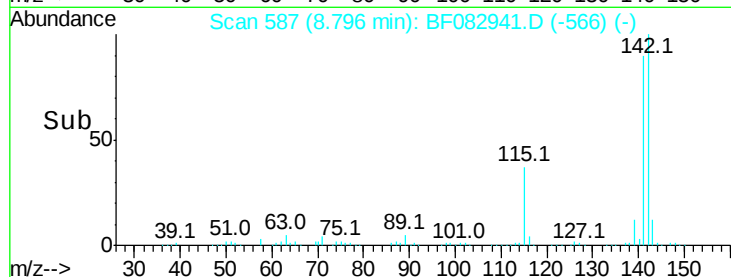
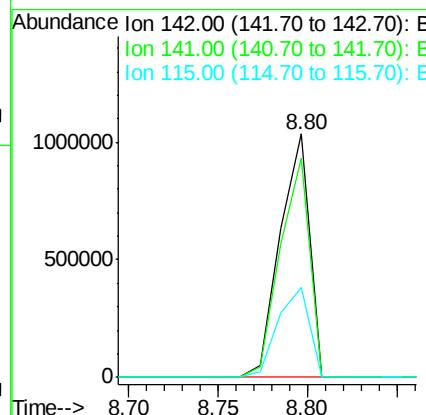
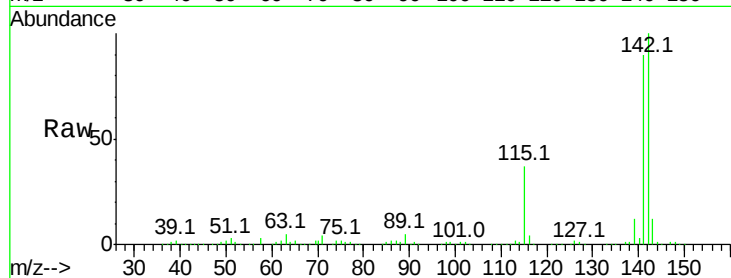
#37
 2-Methylnaphthalene
 Concen: 39.96 ng/mL
 RT: 8.80 min Scan# 587
 Delta R.T. -0.06 min
 Lab File: BF082941.D
 Acq: 16 Nov 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.3	108.5
115	36.8	38.1	57.1

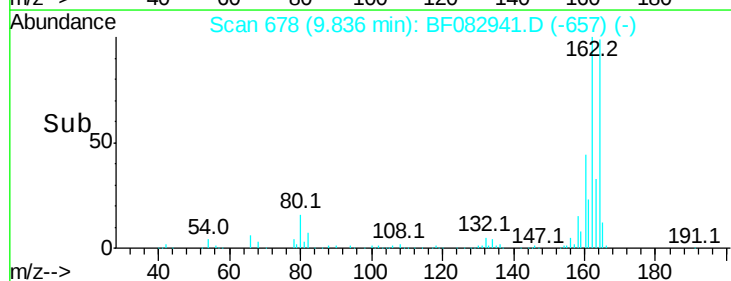
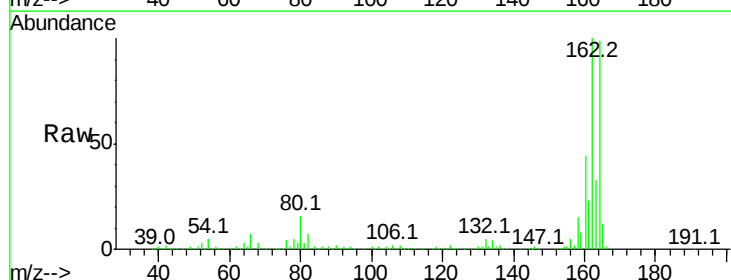
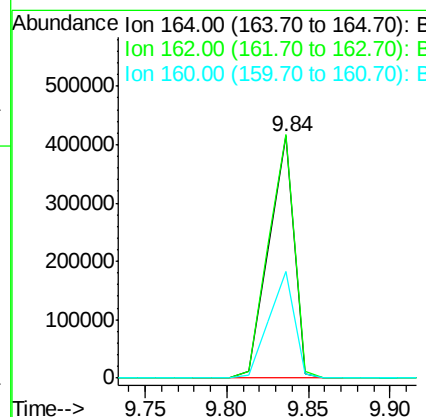
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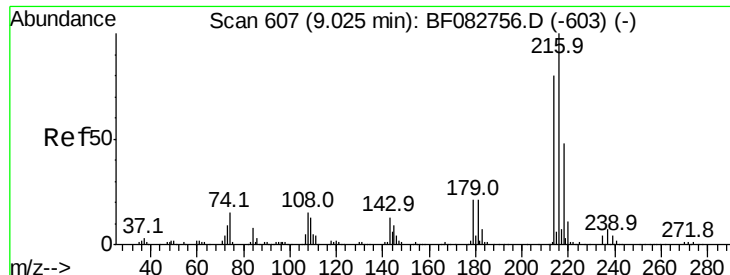
mmdadoda
 11/17/2015 5:55:56 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng/mL
 RT: 9.84 min Scan# 678
 Delta R.T. -0.06 min
 Lab File: BF082941.D
 Acq: 16 Nov 2015 13:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	84.9	127.3
160	44.2	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.38 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.07 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Instrument :

BNA_F

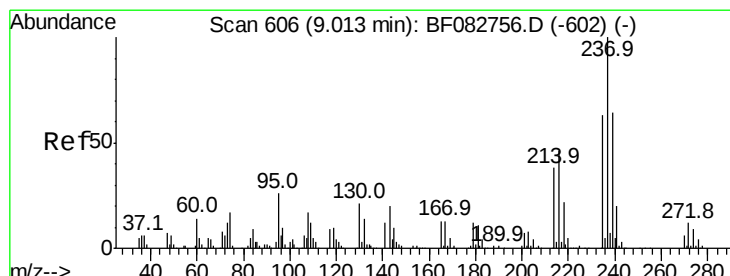
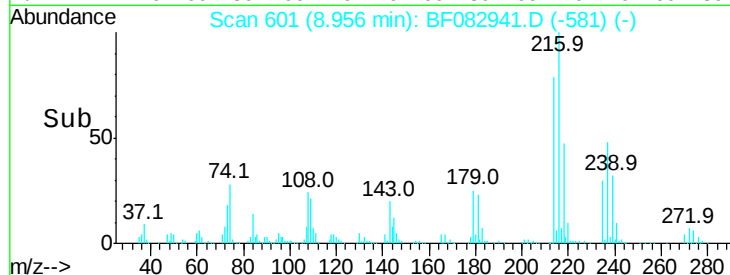
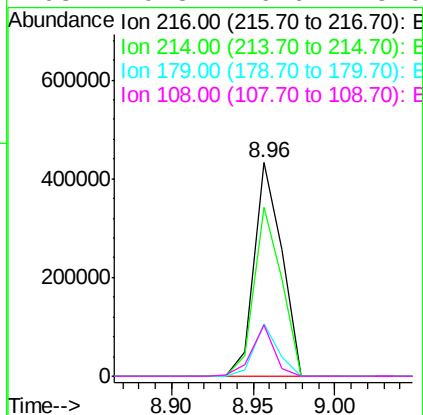
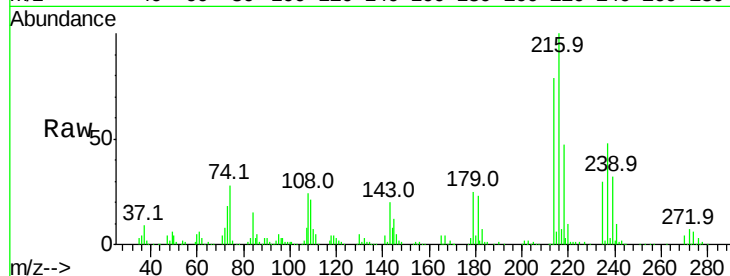
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	507576		
214	78.5	62.2	93.2	
179	21.6	18.1	27.1	
108	19.8	16.6	25.0	

Manual Integrations
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mmdadoda
11/17/2015 5:55:56 PM



#40

Hexachlorocyclopentadiene

Concen: 36.31 ng

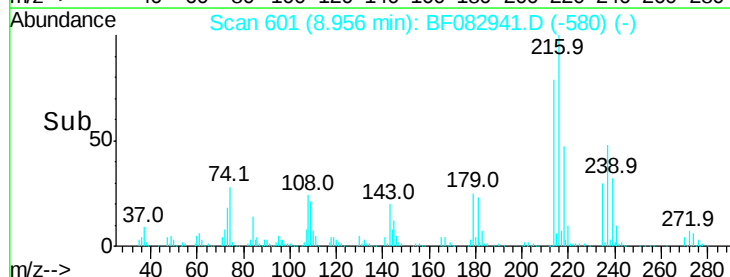
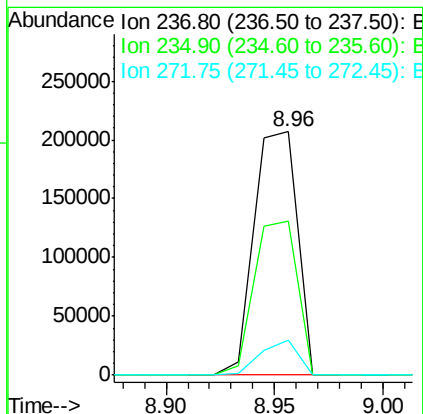
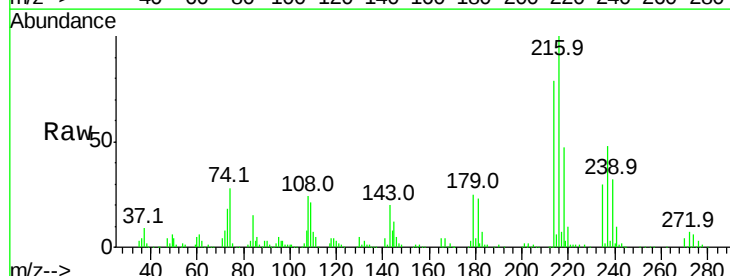
RT: 8.96 min Scan# 601

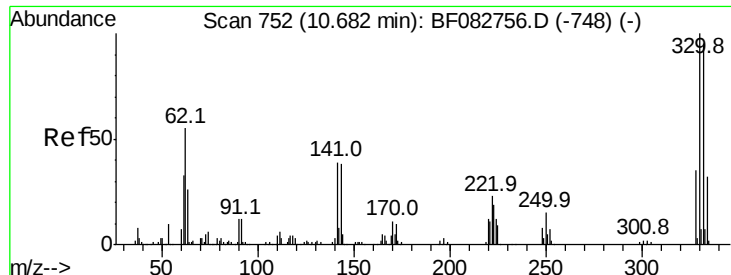
Delta R.T. -0.06 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	287969		
235	63.2	44.3	84.3	
272	14.3	0.0	31.9	





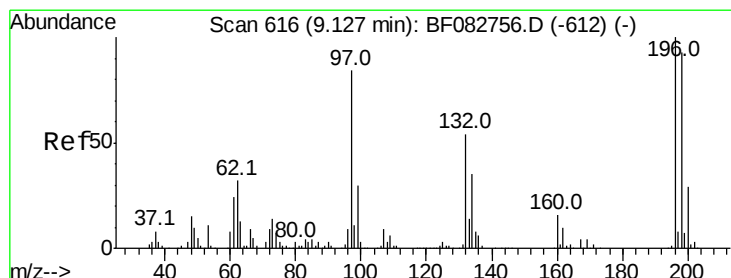
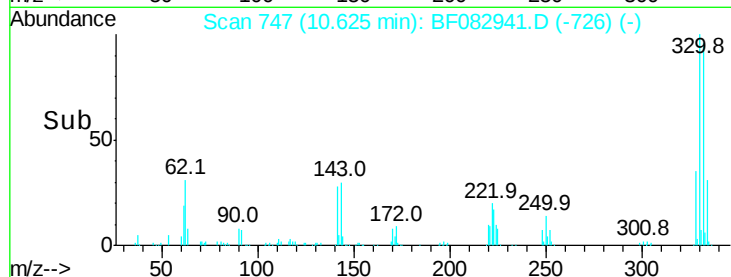
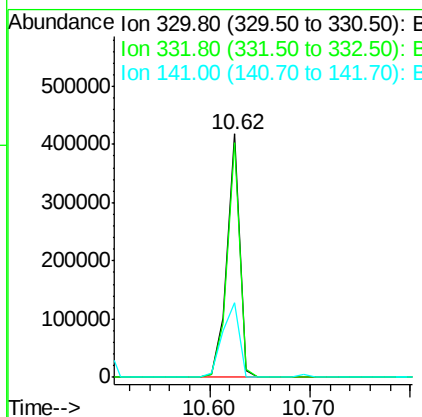
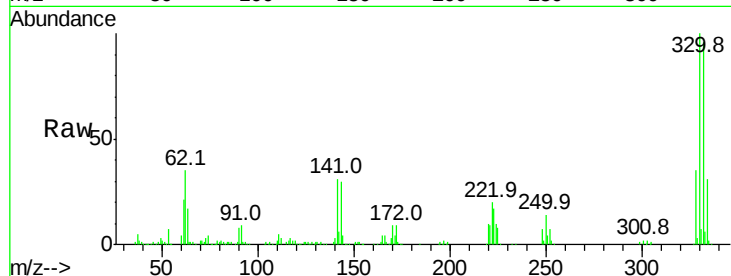
#41
 2,4,6-Tribromophenol
 Concen: 72.04 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.06 min
 Lab File: BF082941.D
 Acq: 16 Nov 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	371107		
332	95.6	76.6	114.8	
141	40.0	41.2	61.8#	

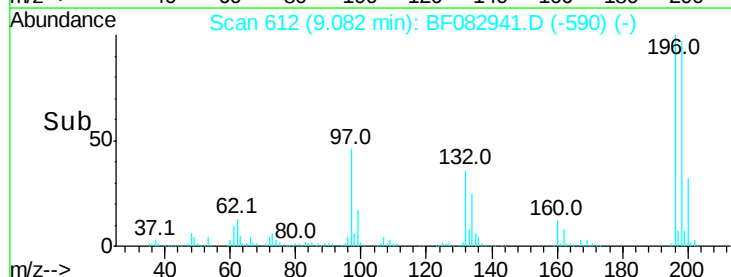
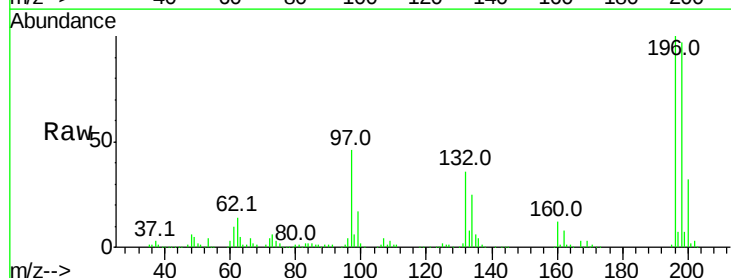
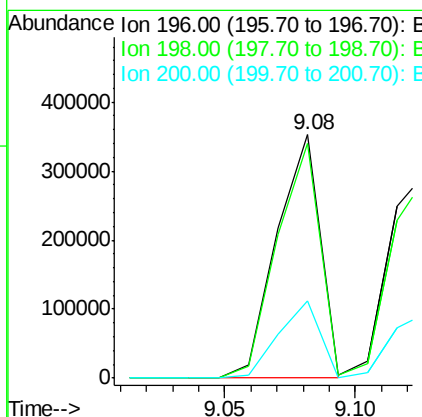
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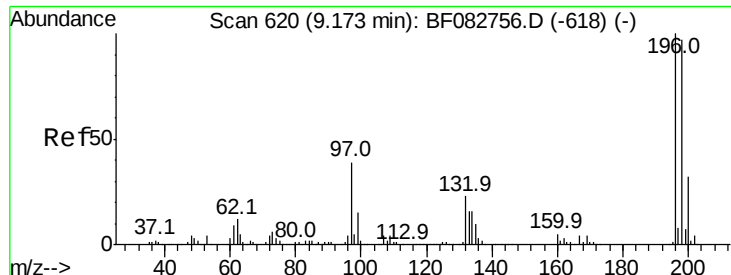
mmdadoda
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#42
 2,4,6-Trichlorophenol
 Concen: 36.91 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF082941.D
 Acq: 16 Nov 2015 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	406775		
198	96.6	76.3	114.5	
200	31.5	23.9	35.9	





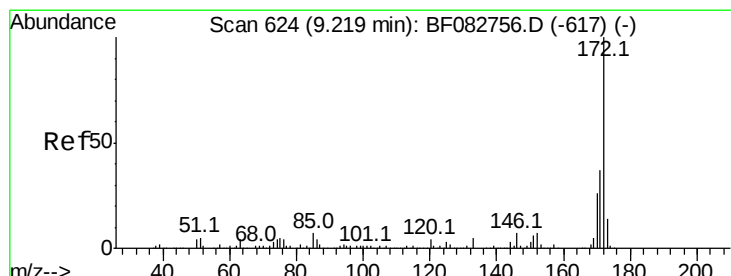
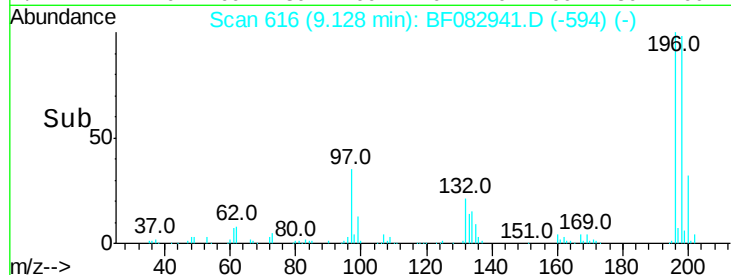
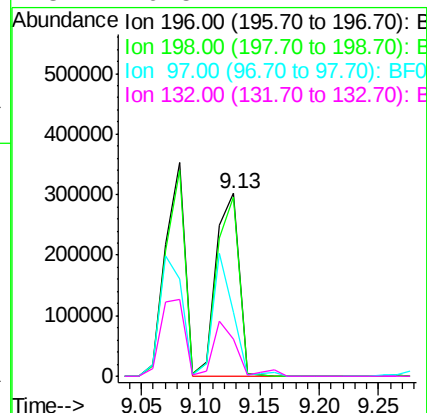
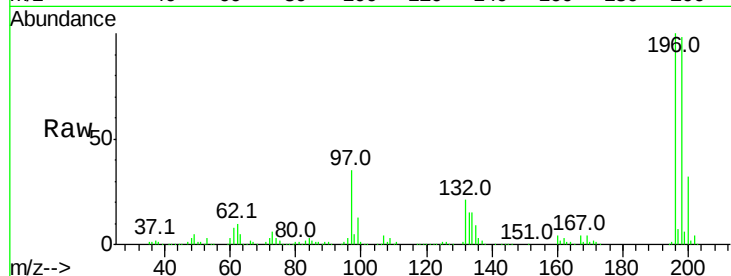
#43
 2,4,5-Trichlorophenol
 Concen: 36.65 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF082941.D
 Acq: 16 Nov 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	399486		
198	98.0	75.8	113.8	
97	34.9	62.3	93.5#	
132	20.5	27.4	41.2#	

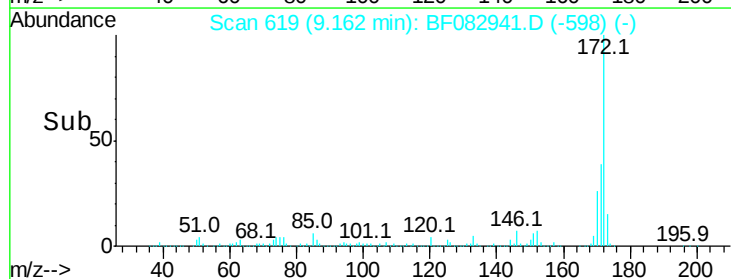
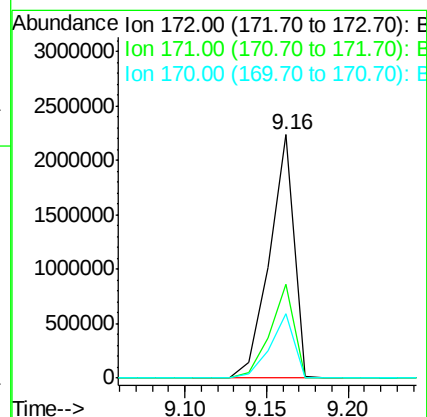
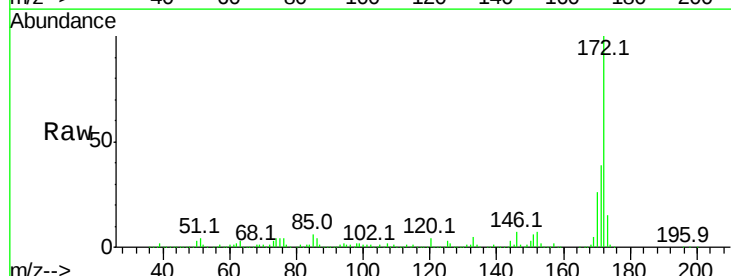
Manual Integrations
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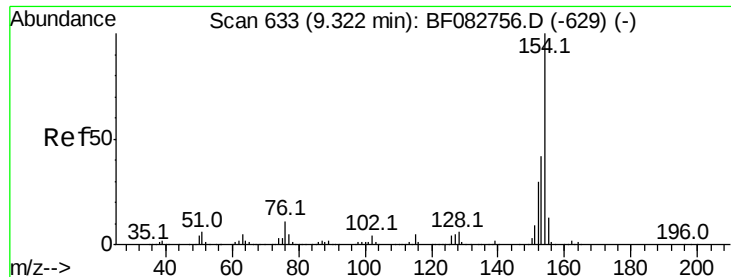
mmdadoda
 11/17/2015 5:55:56 PM



#44
 2-Fluorobiphenyl
 Concen: 74.77 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF082941.D
 Acq: 16 Nov 2015 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2343950		
171	38.6	30.8	46.2	
170	26.3	21.2	31.8	





#45

1,1'-Biphenyl

Concen: 34.68 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.07 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1336978

Ion Ratio Lower Upper

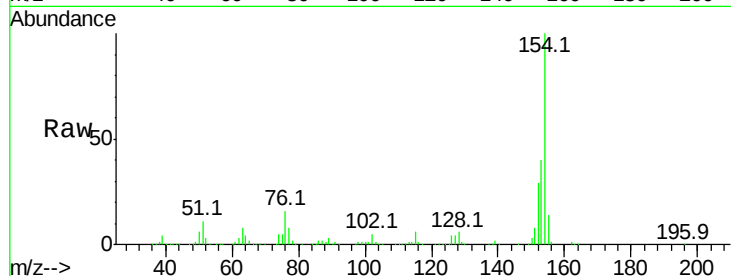
154 100

153 40.2 22.0 62.0

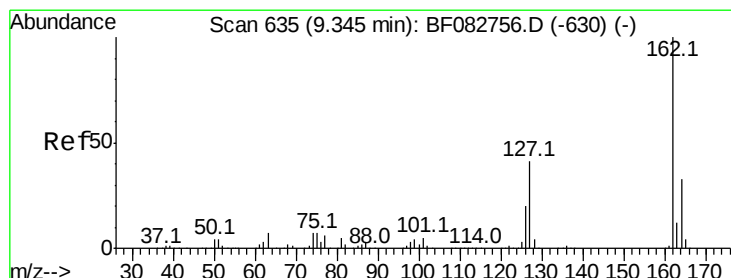
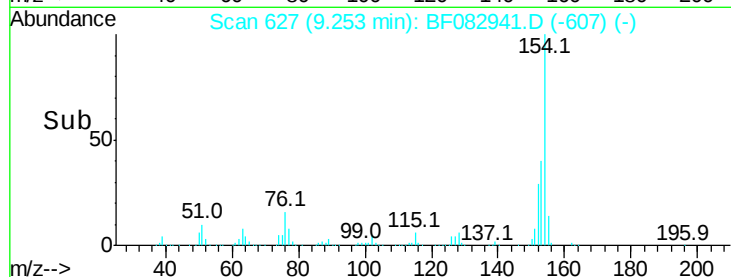
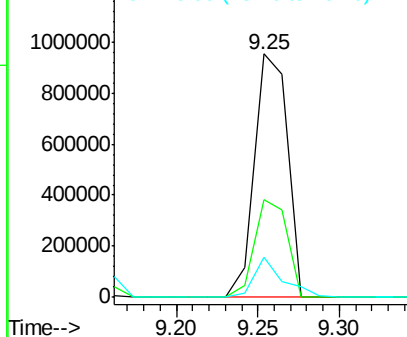
76 16.5 0.0 29.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 34.57 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.07 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

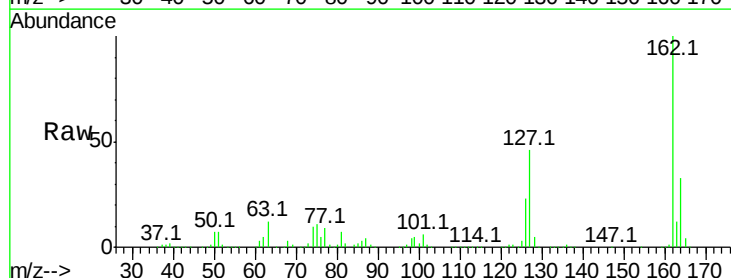
Tgt Ion:162 Resp: 1039722

Ion Ratio Lower Upper

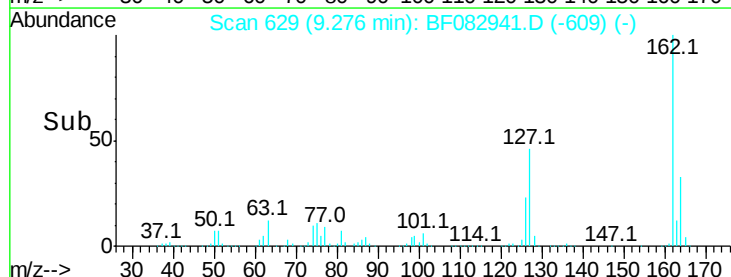
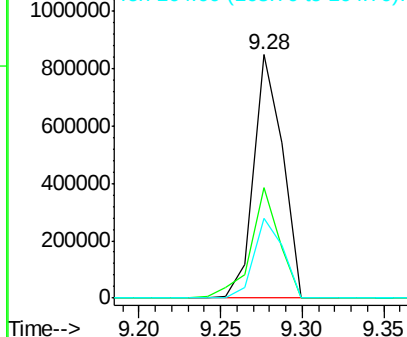
162 100

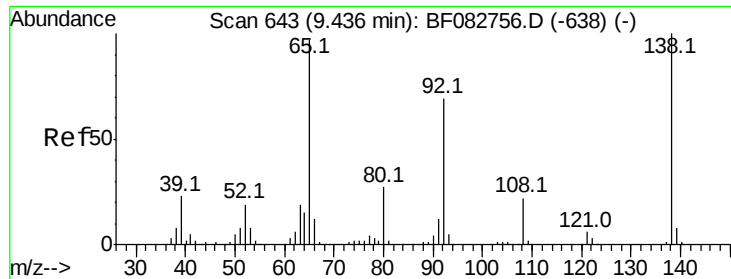
127 45.6 32.7 49.1

164 32.9 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





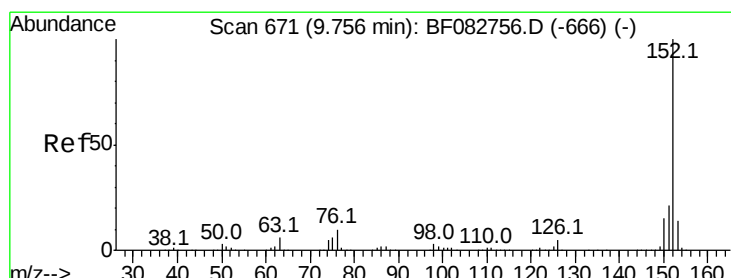
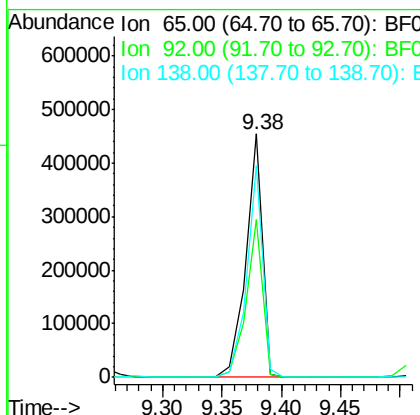
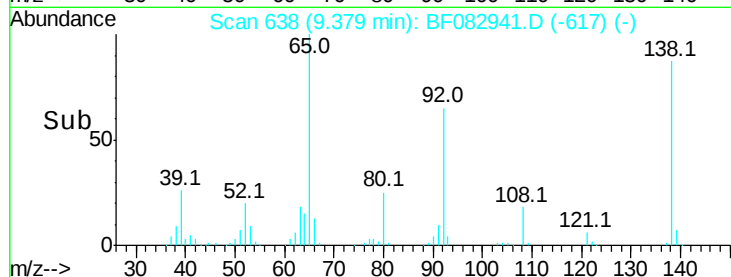
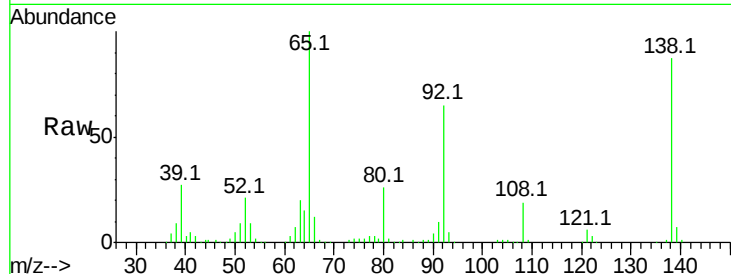
#47
 2-Nitroaniline
 Concen: 39.56 ng
 RT: 9.38 min Scan# 638
 Delta R.T. -0.06 min
 Lab File: BF082941.D
 Acq: 16 Nov 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	65	Resp:	441353
Ion Ratio	Lower	Upper	
65	100		
92	64.8	46.6	70.0
138	86.8	54.6	81.8#

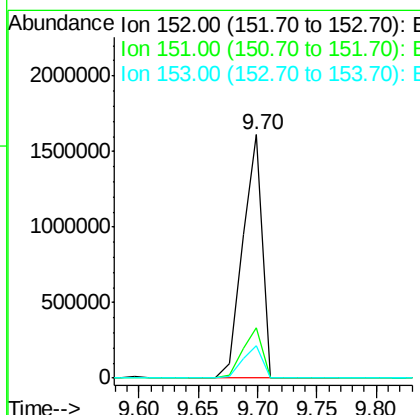
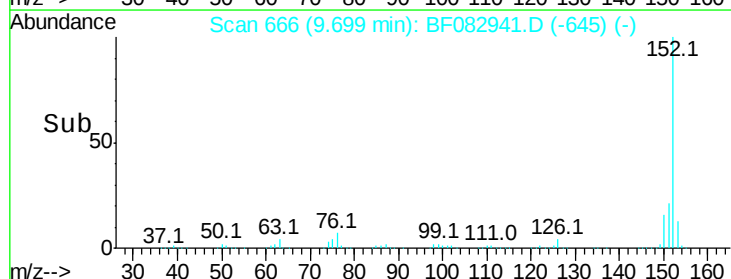
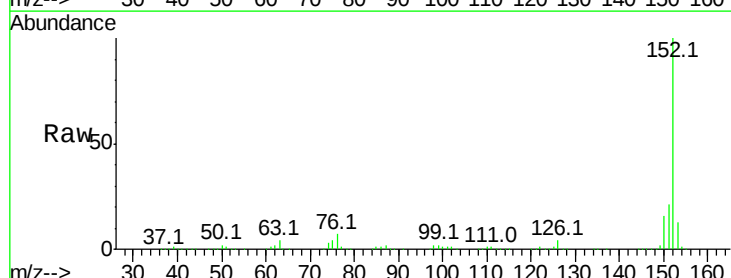
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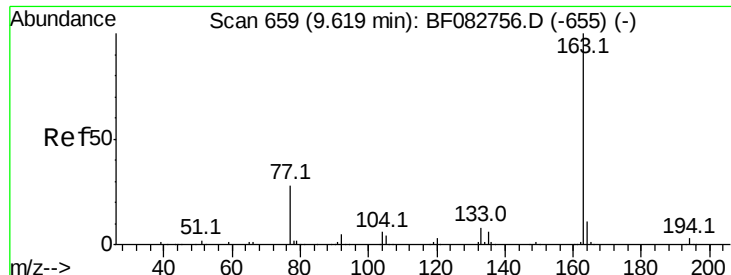
mmdadoda
 11/17/2015 5:55:56 PM



#48
 Acenaphthylene
 Concen: 38.86 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.06 min
 Lab File: BF082941.D
 Acq: 16 Nov 2015 13:51

Tgt Ion:	152	Resp:	1831194
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.3	25.9
153	13.5	11.3	16.9





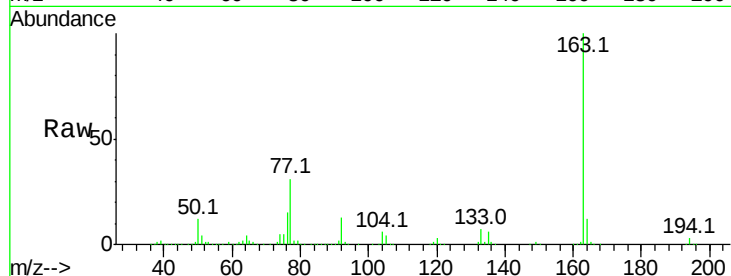
#49
Dimethylphthalate
Concen: 35.34 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

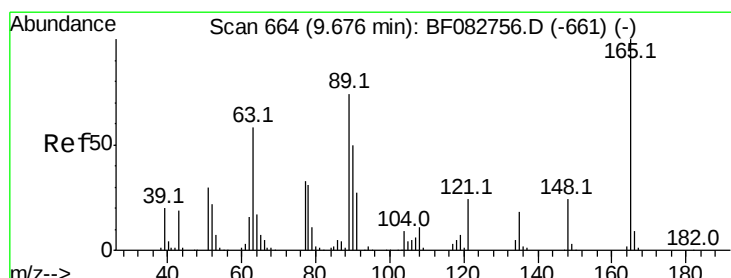
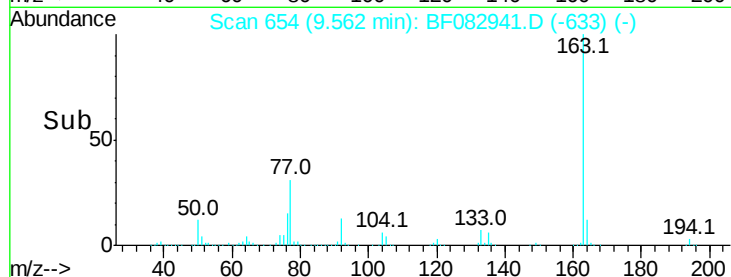
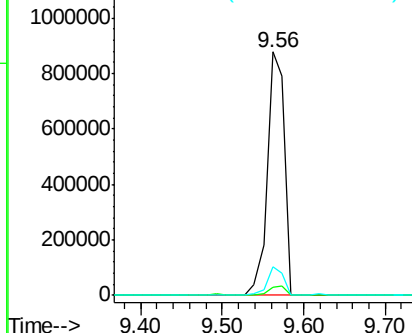
Tot Ion:163 Resp: 1300825
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 11.6 8.7 13.1

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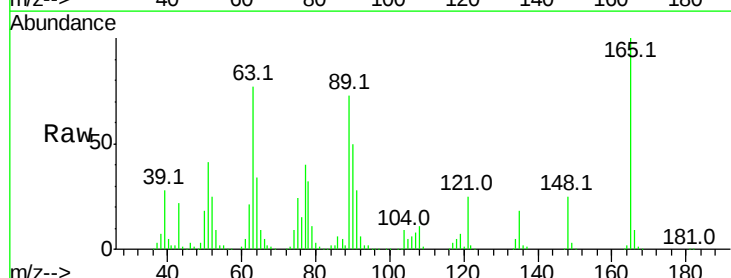


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

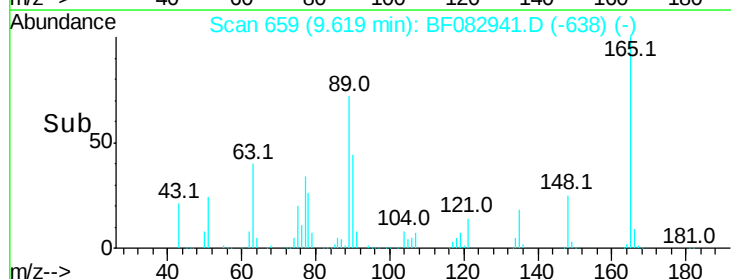
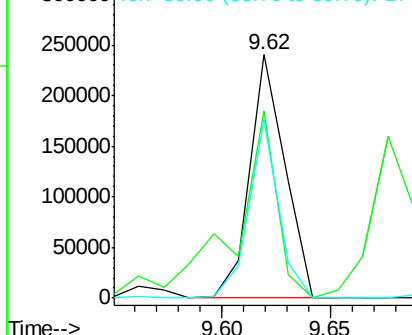


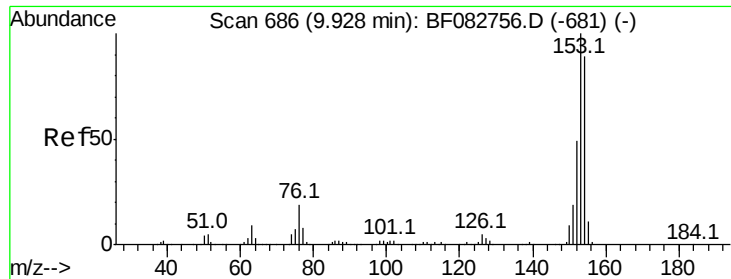
#50
2,6-Dinitrotoluene
Concen: 34.51 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Tgt Ion:165 Resp: 271055
Ion Ratio Lower Upper
165 100
63 76.7 55.5 83.3
89 73.2 55.0 82.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.80 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.06 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1188893

Ion Ratio Lower Upper

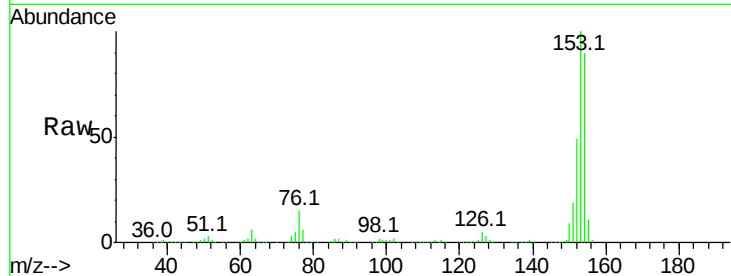
154 100

153 110.7 90.1 135.1

152 54.4 44.3 66.5

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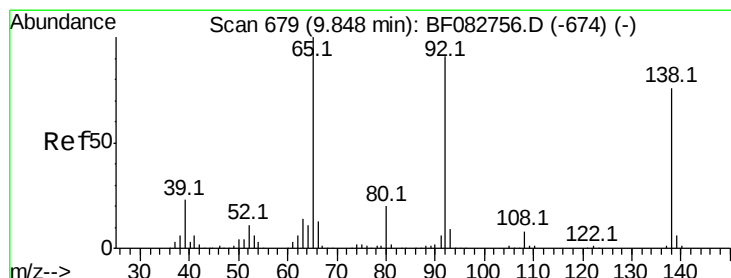
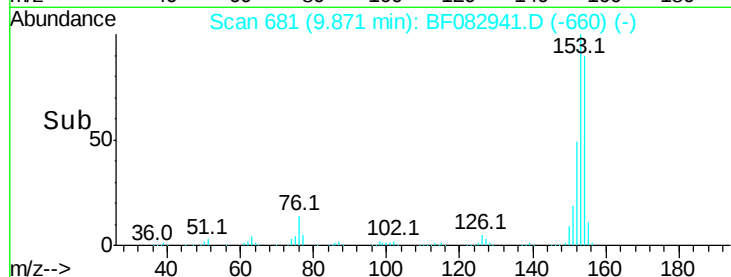
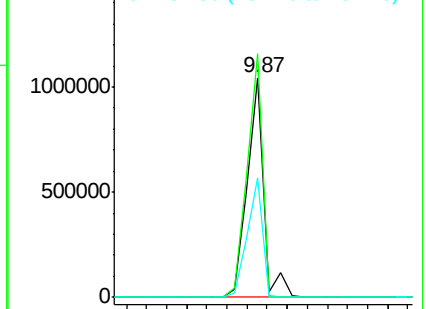


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.68 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.06 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

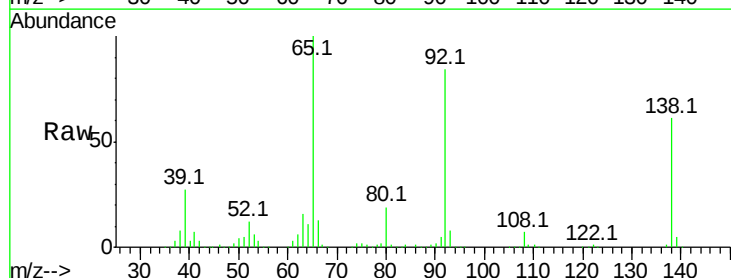
Tgt Ion:138 Resp: 299526

Ion Ratio Lower Upper

138 100

108 11.9 11.3 16.9

92 136.7 122.4 183.6

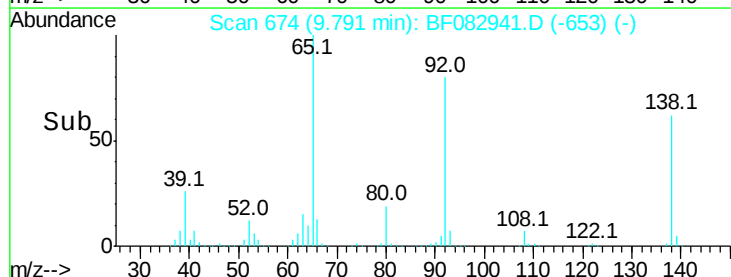
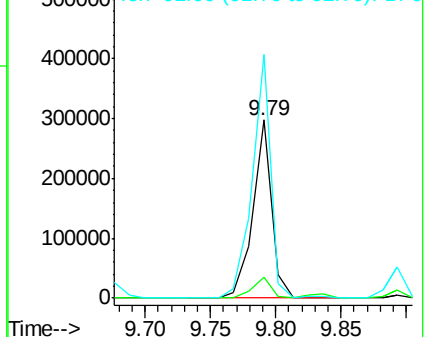


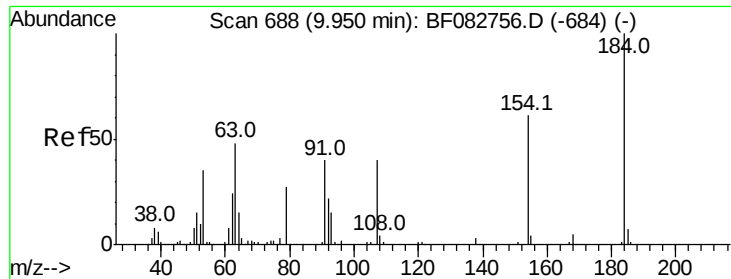
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 37.12 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Instrument :

BNA_F

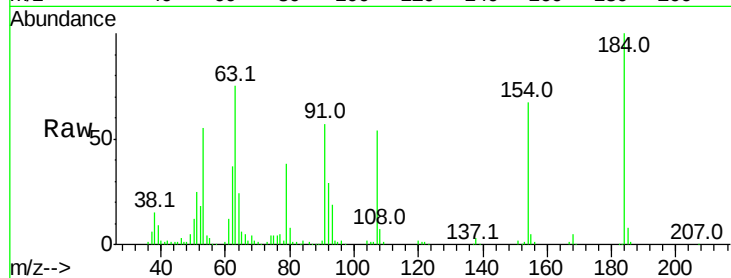
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	74.6	98.6	148.0#
154	66.5	183.9	275.9#

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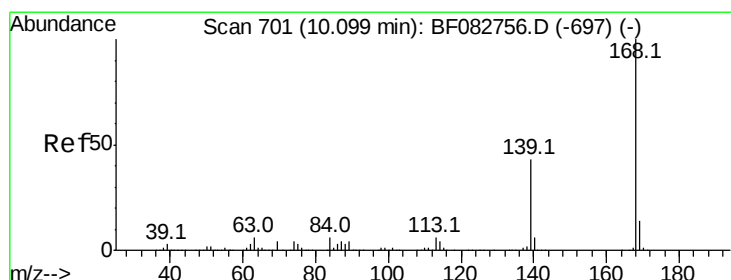
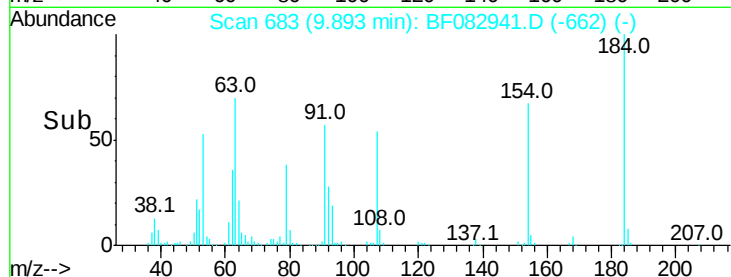
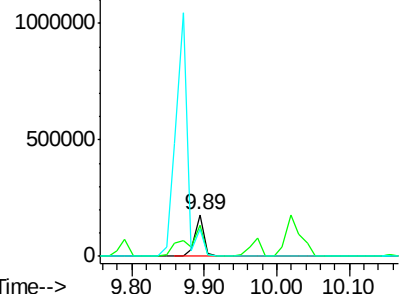
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 38.91 ng

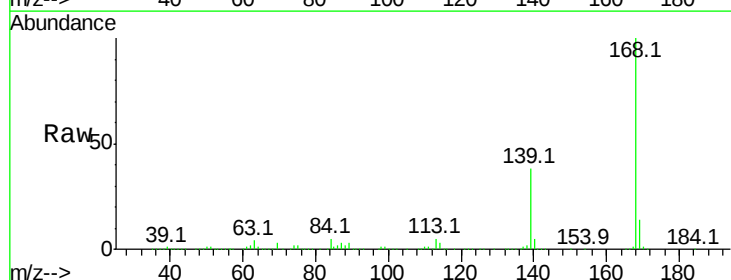
RT: 10.04 min Scan# 696

Delta R.T. -0.06 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

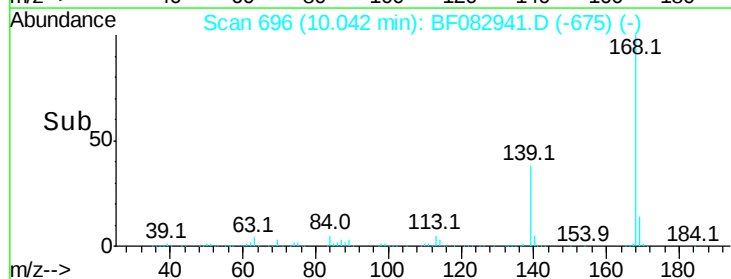
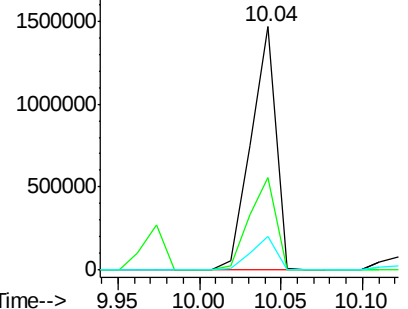
Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.1	37.8	56.6
169	13.8	11.3	16.9

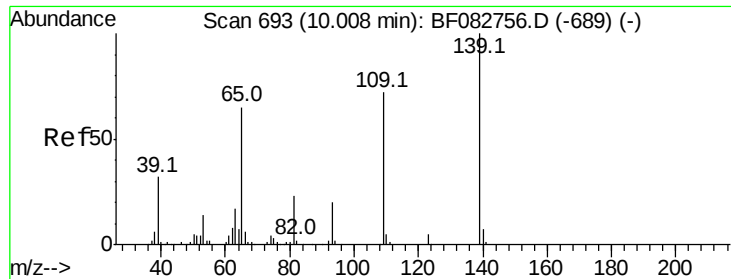


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 40.68 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Instrument :

BNA_F

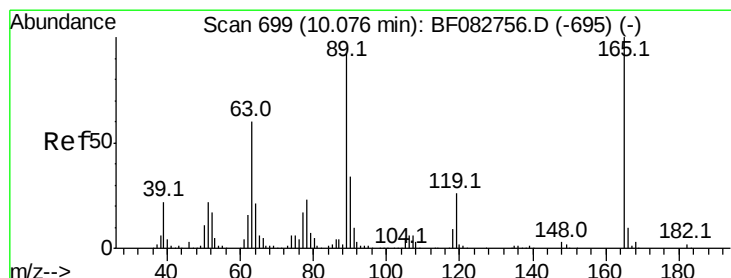
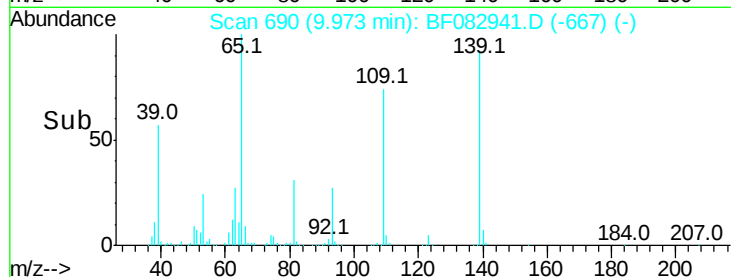
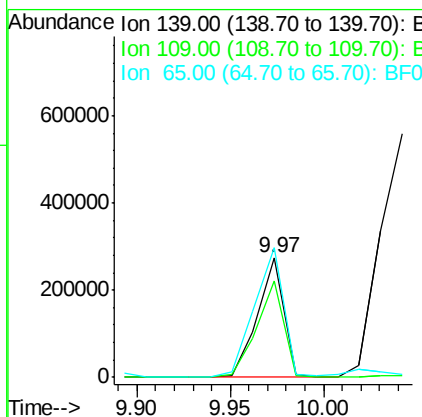
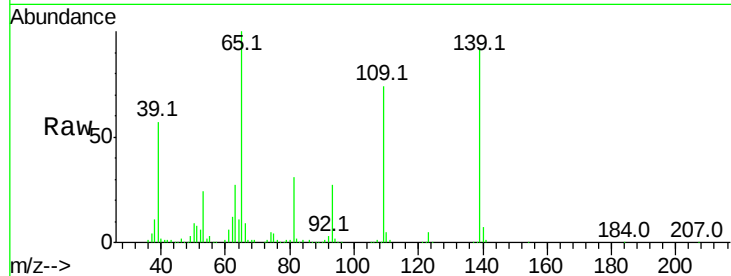
ClientSampleId :

SSTDCCC040

Tot Ion:	139	Resp:	269578
Ion Ratio	Lower	Upper	
139	100		
109	80.7	73.7	113.7
65	108.5	82.9	122.9

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 36.09 ng

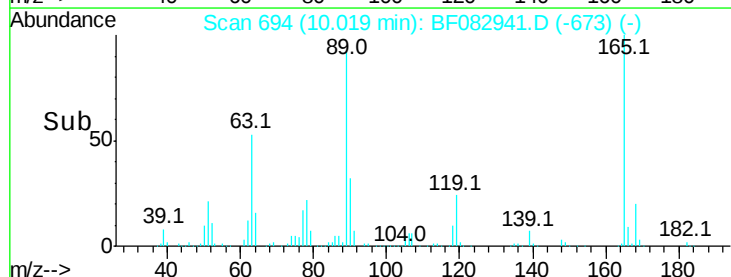
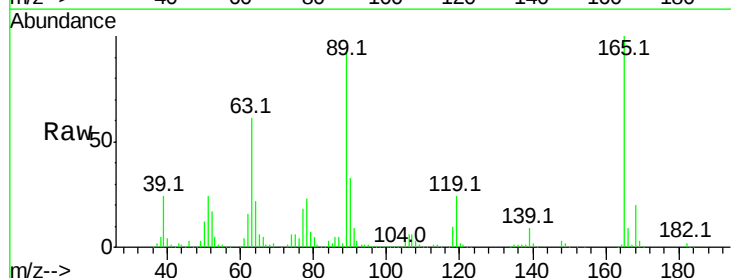
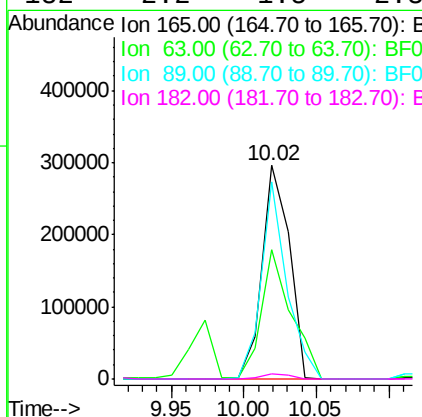
RT: 10.02 min Scan# 694

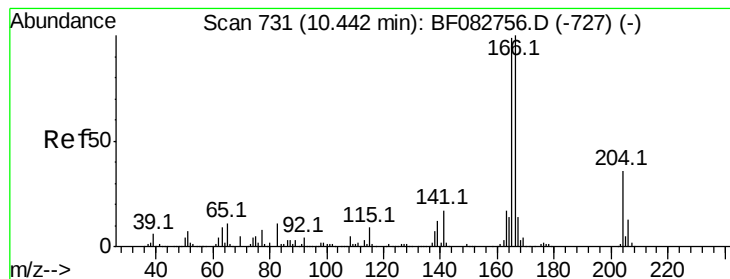
Delta R.T. -0.06 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Tgt Ion:	165	Resp:	384607
Ion Ratio	Lower	Upper	
165	100		
63	60.8	43.4	65.0
89	92.2	70.6	106.0
182	2.2	1.5	2.3





#57

Fluorene

Concen: 36.78 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.06 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1199453

Ion Ratio Lower Upper

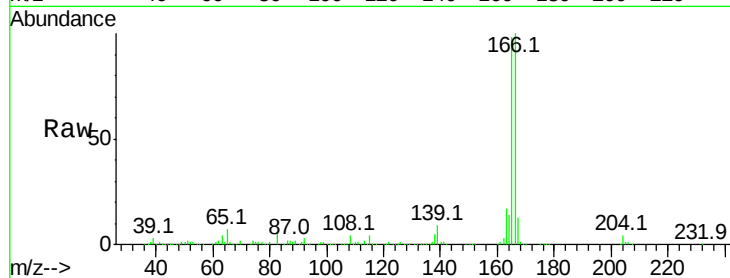
166 100

165 98.3 80.2 120.4

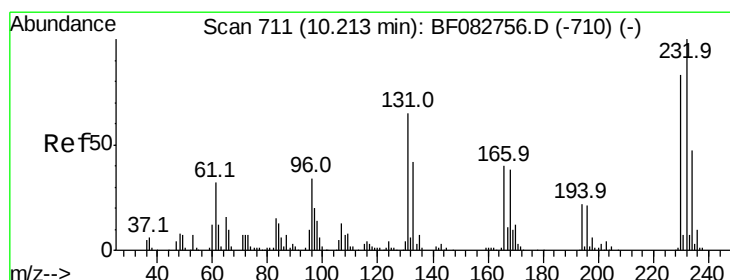
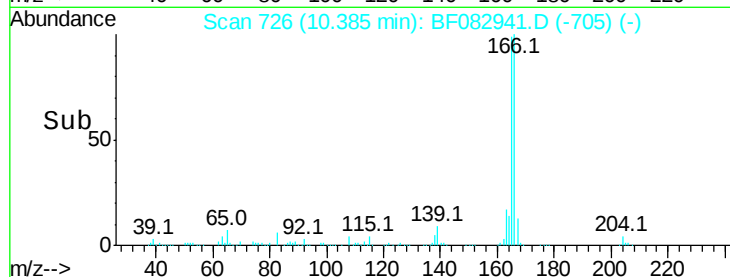
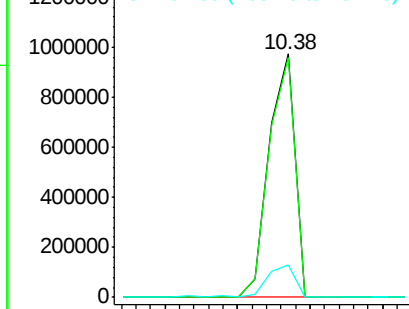
167 13.1 11.2 16.8

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.83 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.05 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Tgt Ion:232 Resp: 309845

Ion Ratio Lower Upper

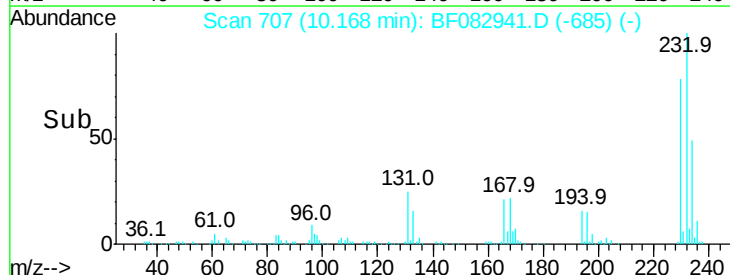
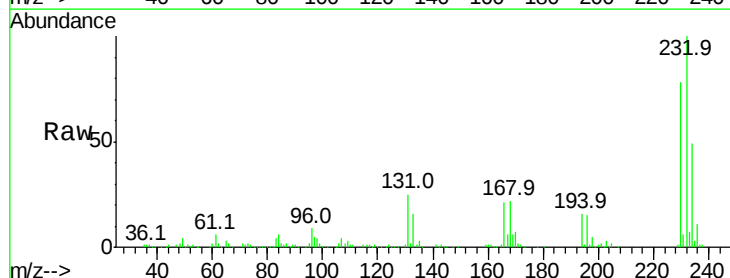
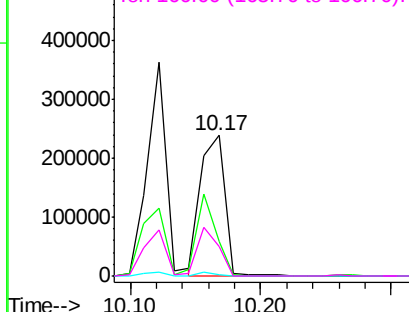
232 100

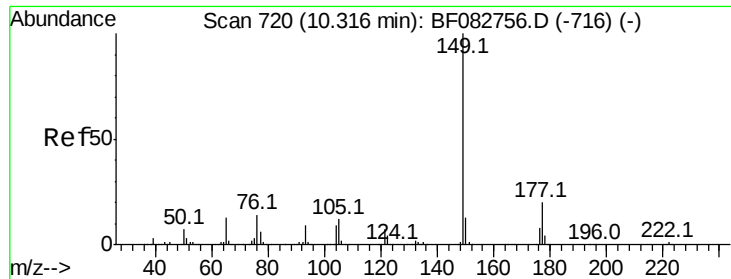
131 47.1 46.2 69.2

130 2.4 2.4 3.6#

166 30.8 28.2 42.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





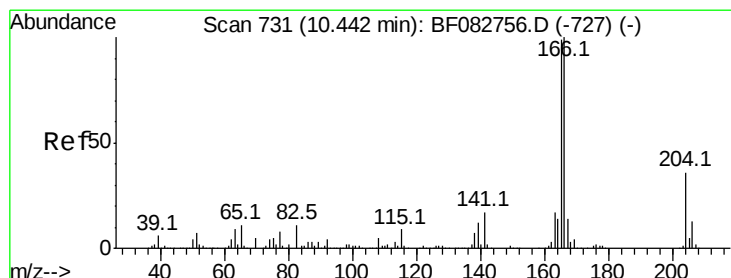
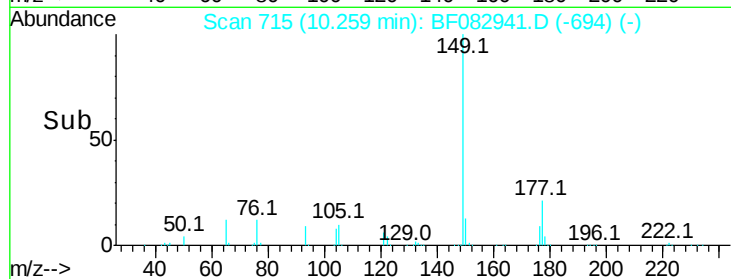
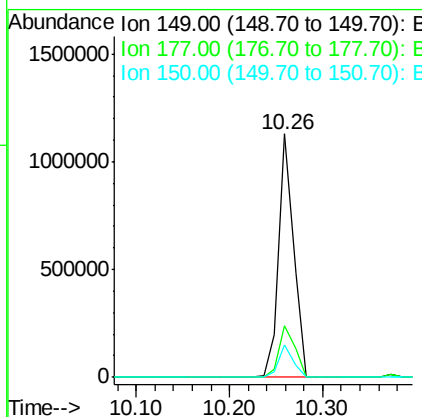
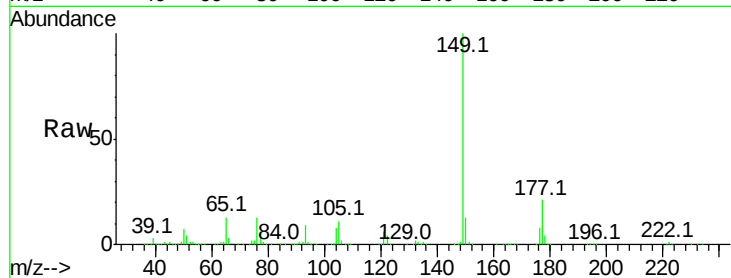
#59
Diethylphthalate
Concen: 34.90 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.06 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.9	26.9
150	13.2	10.1	15.1

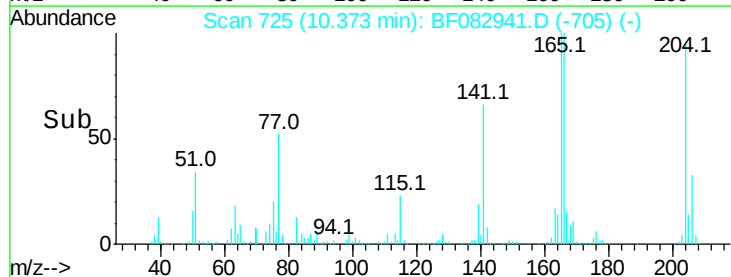
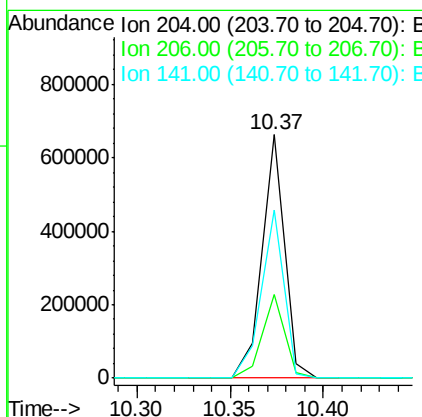
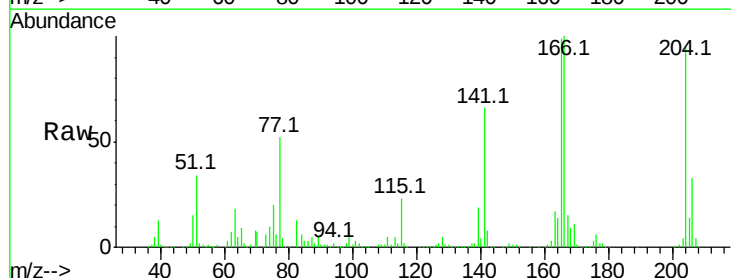
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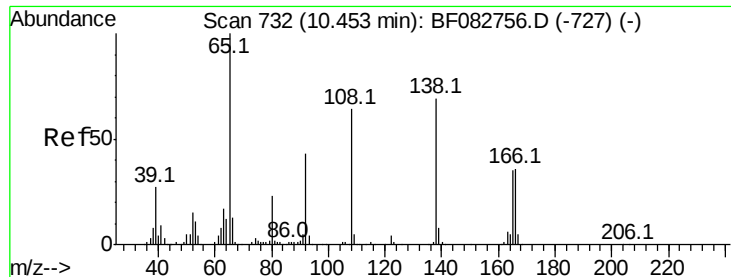
mmdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 33.54 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.07 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	28.5	42.7
141	69.1	44.6	66.8#





#61

4-Nitroaniline

Concen: 36.42 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.05 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:138 Resp: 316358

Ion Ratio Lower Upper

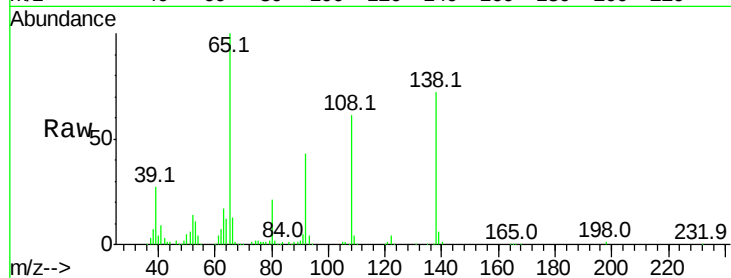
138 100

92 59.3 45.8 85.8

108 85.2 89.4 129.4#

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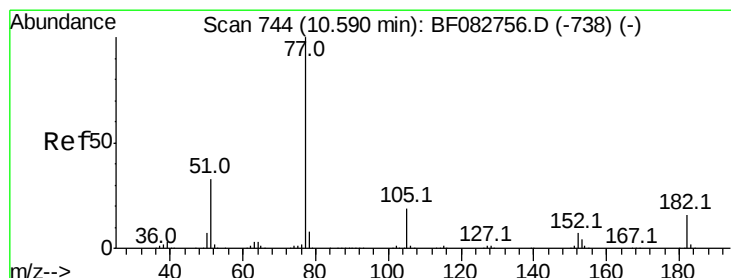
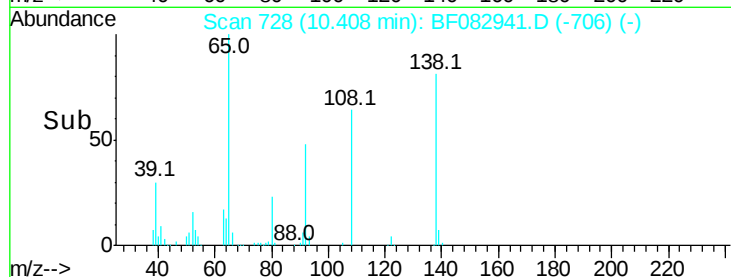
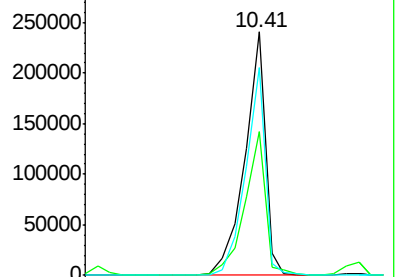
mmdadoda
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.24 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.06 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Tgt Ion: 77 Resp: 1553521

Ion Ratio Lower Upper

77 100

182 20.8 9.3 49.3

105 22.1 2.6 42.6

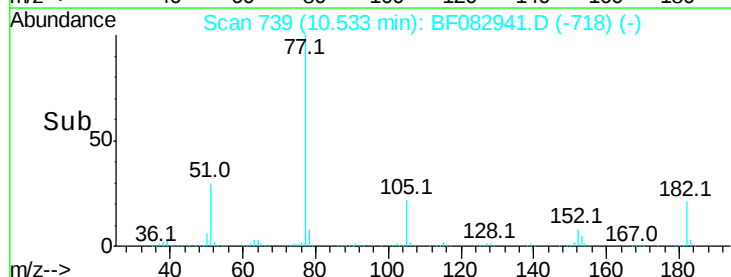
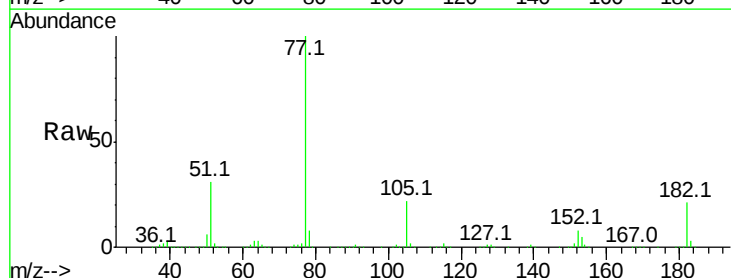
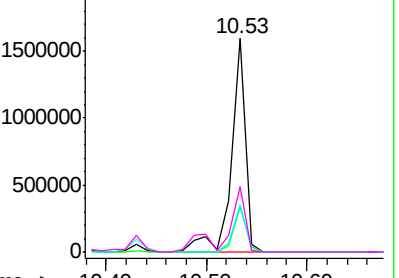
51 30.6 9.9 49.9

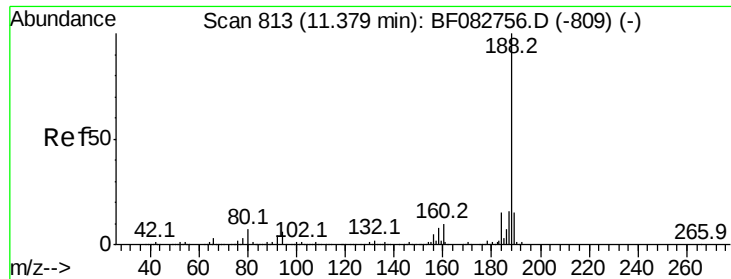
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





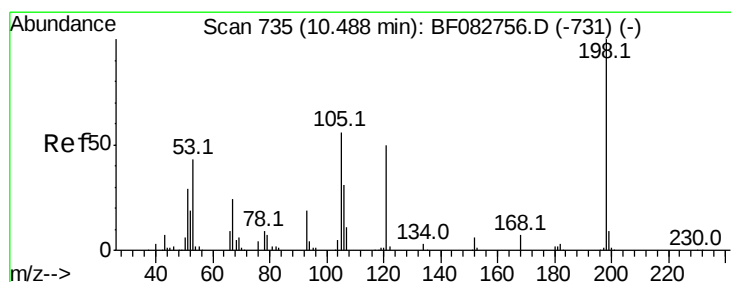
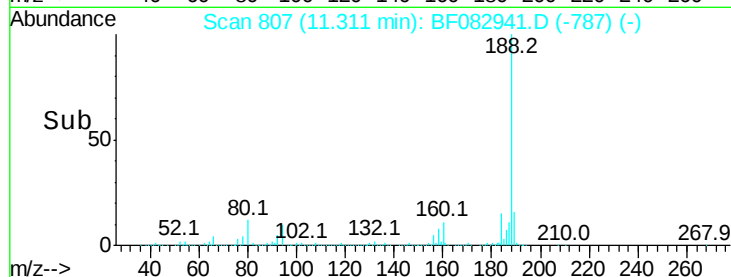
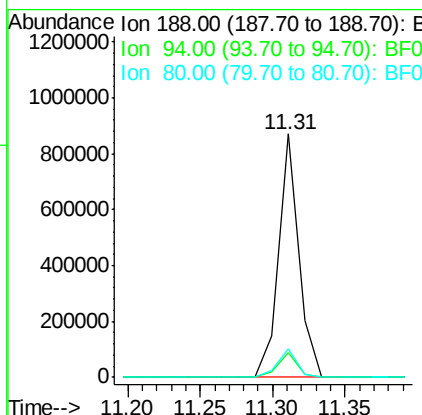
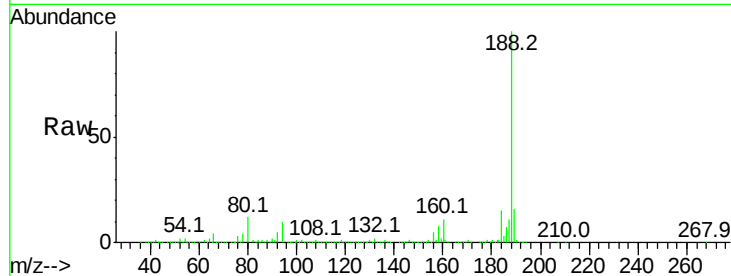
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.07 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.9	6.1	9.1#	
80	11.5	7.0	10.6#	

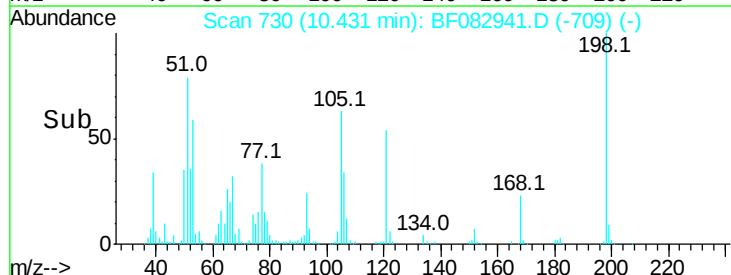
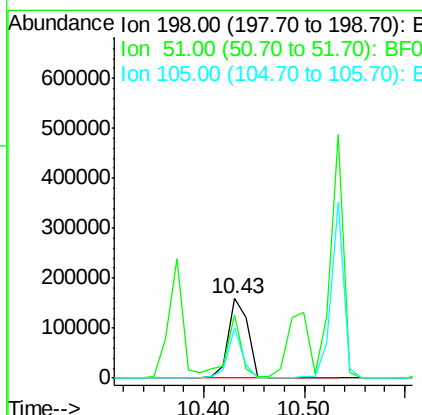
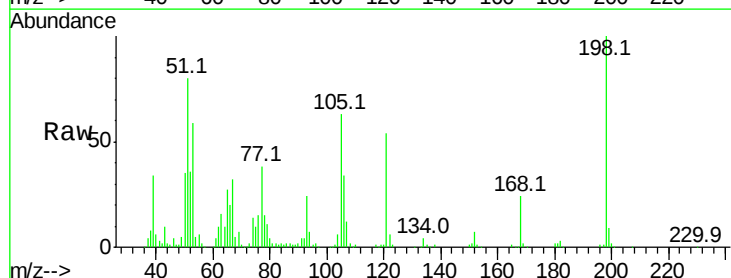
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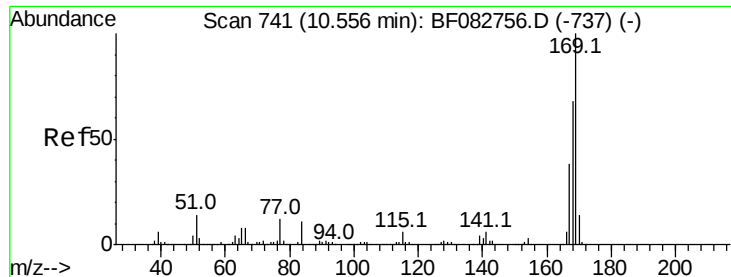
mmdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.59 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.06 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	80.3	17.3	57.3#	
105	62.9	21.7	61.7#	





#65

n-Nitrosodiphenylamine

Concen: 38.97 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.06 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 1188246

Ion Ratio Lower Upper

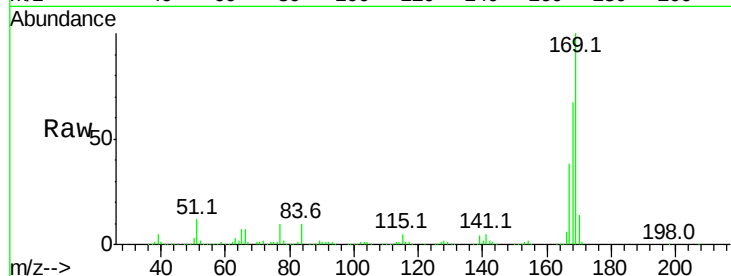
169 100

168 66.9 55.0 82.6

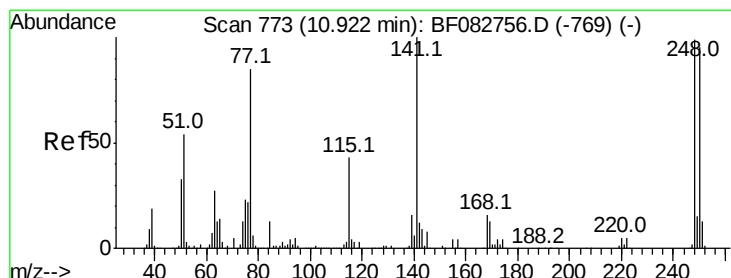
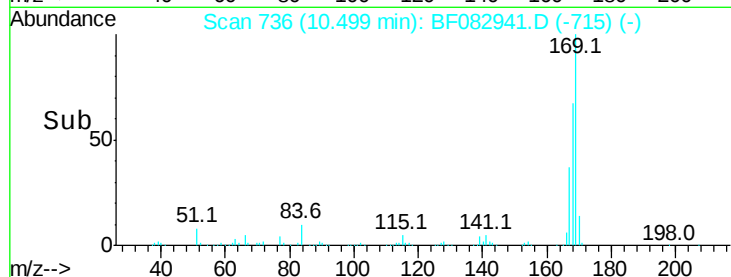
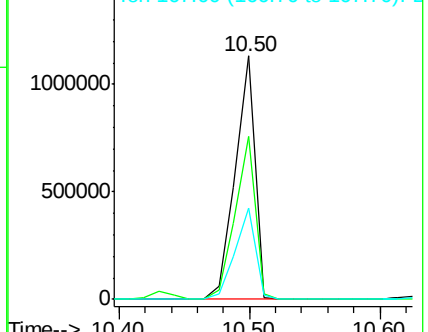
167 37.5 30.5 45.7

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.26 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.06 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

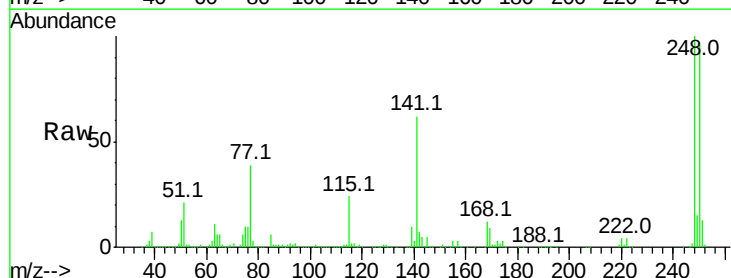
Tgt Ion:248 Resp: 388858

Ion Ratio Lower Upper

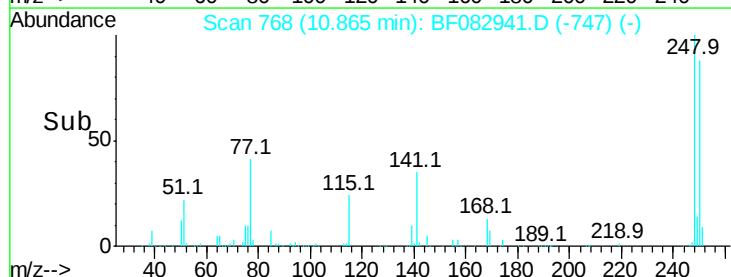
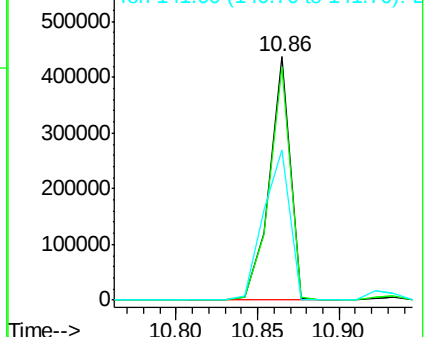
248 100

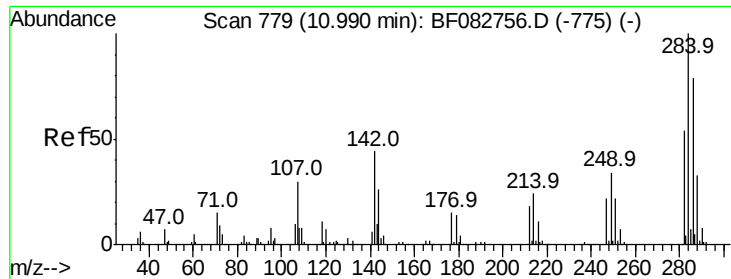
250 96.0 79.4 119.2

141 61.8 36.3 54.5#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.19 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.06 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Instrument :

BNA_F

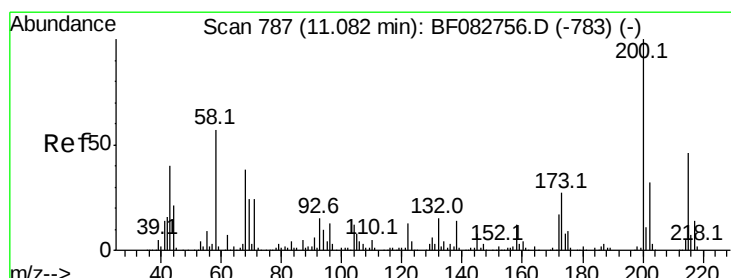
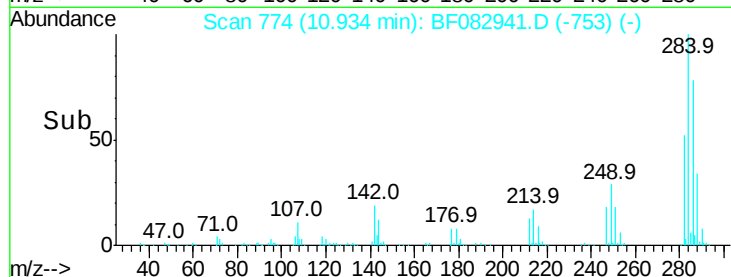
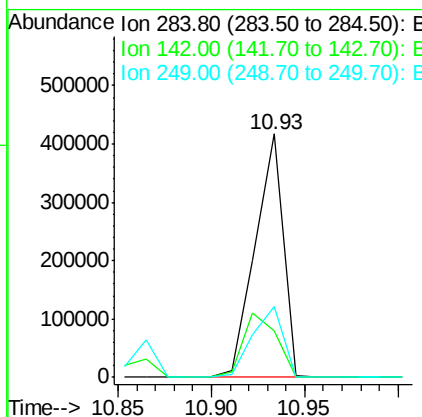
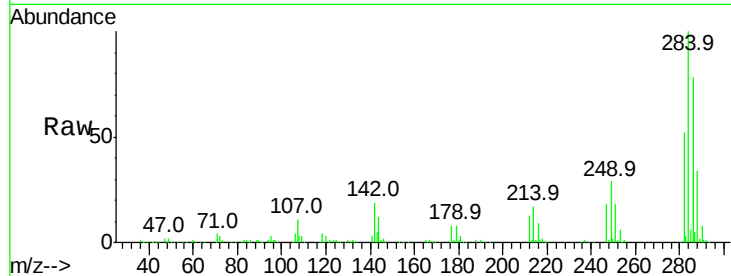
ClientSampleId :

SSTDCCC040

Tot Ion:	284	Resp:	433389
Ion Ratio	Lower	Upper	
284	100		
142	19.0	47.9	71.9#
249	29.3	29.7	44.5#

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#68

Atrazine

Concen: 34.40 ng

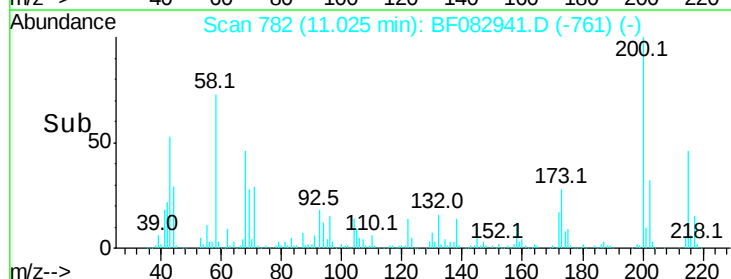
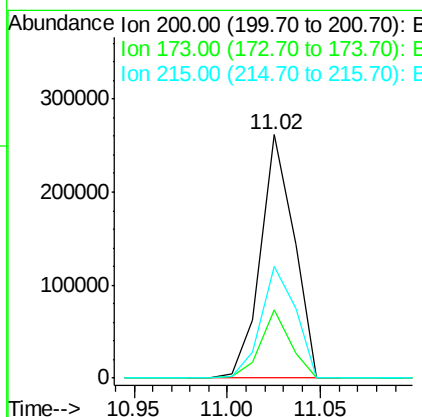
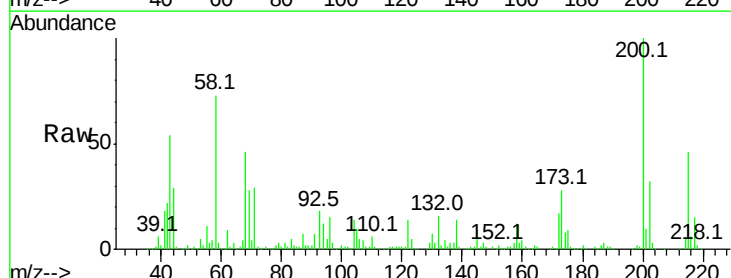
RT: 11.02 min Scan# 782

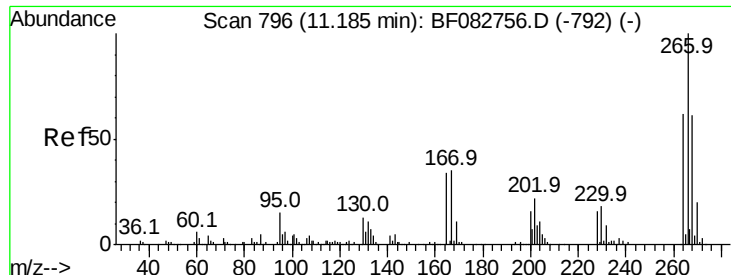
Delta R.T. -0.06 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Tgt Ion:	200	Resp:	324386
Ion Ratio	Lower	Upper	
200	100		
173	27.8	6.9	46.9
215	46.0	22.9	62.9





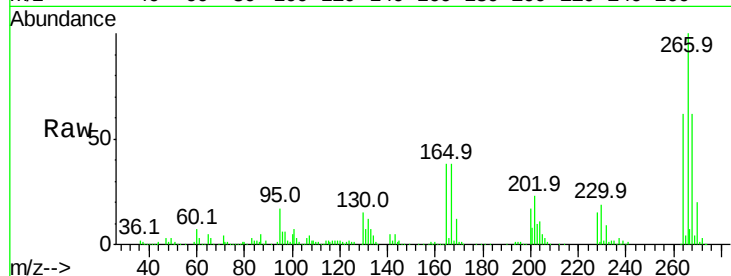
#69
 Pentachlorophenol
 Concen: 33.48 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.06 min
 Lab File: BF082941.D
 Acq: 16 Nov 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

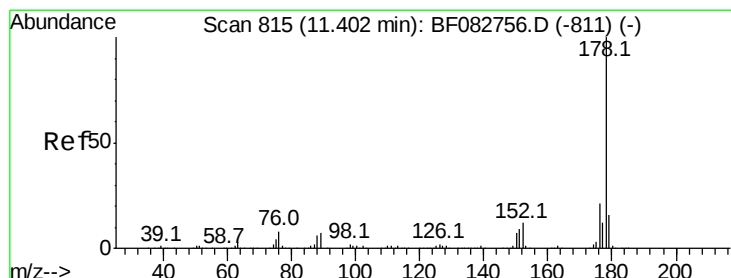
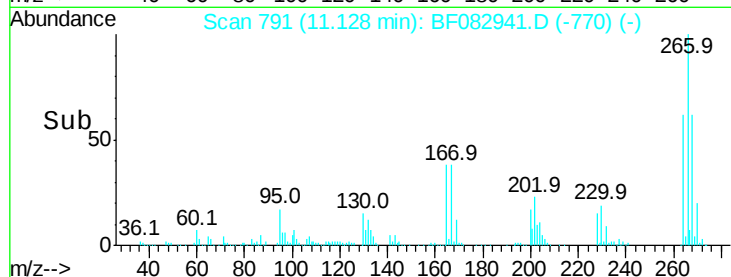
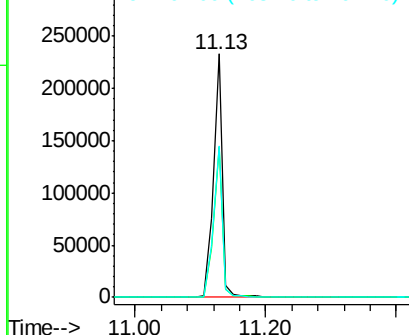
Tot Ion	Ratio	Resp	Lower	Upper
266	100	230732		
268	61.7		51.0	76.6
264	62.4		50.6	75.8

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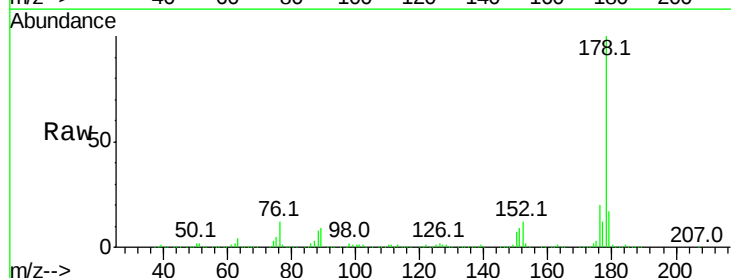


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

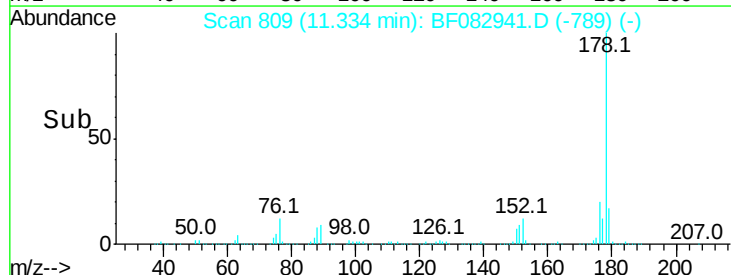
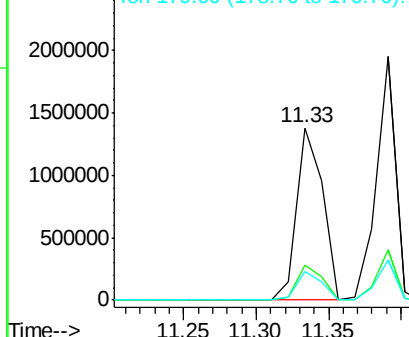


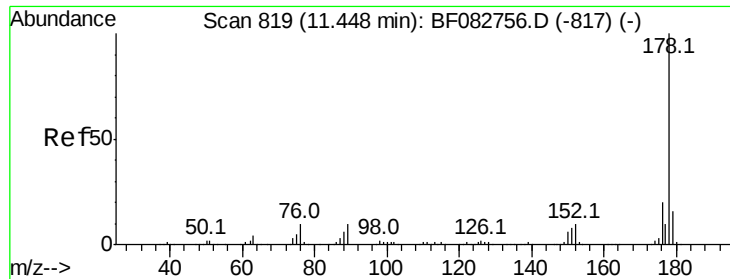
#70
 Phenanthrene
 Concen: 35.08 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BF082941.D
 Acq: 16 Nov 2015 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1719462		
176	20.3		17.0	25.4
179	16.5		13.4	20.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





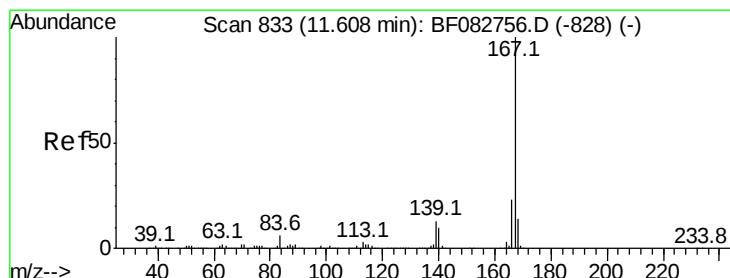
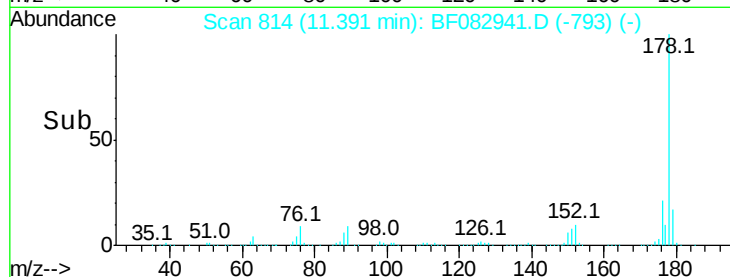
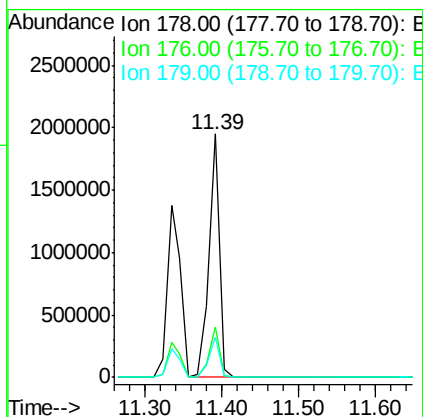
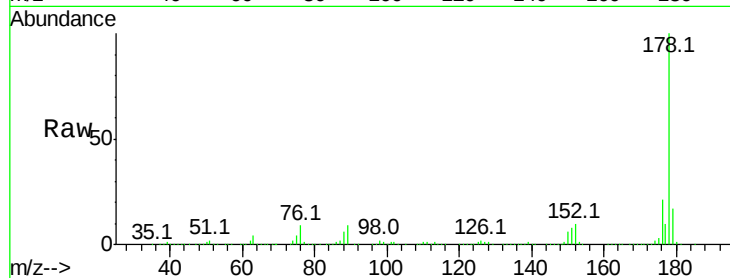
#71
 Anthracene
 Concen: 34.72 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.06 min
 Lab File: BF082941.D
 Acq: 16 Nov 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1792786
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.5 24.7
 179 16.7 13.2 19.8

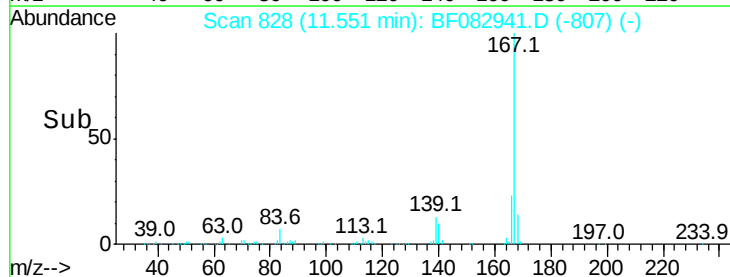
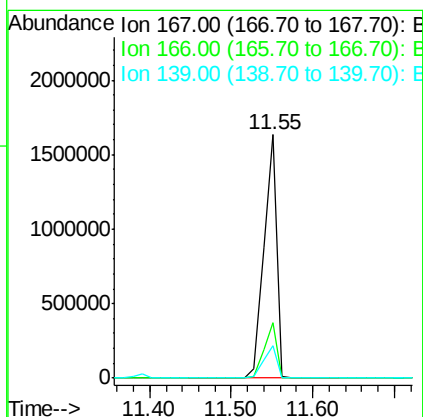
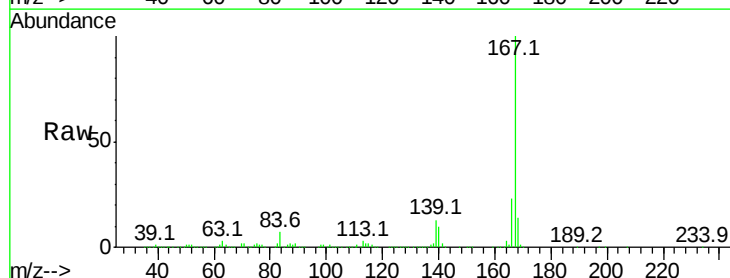
Manual Integrations
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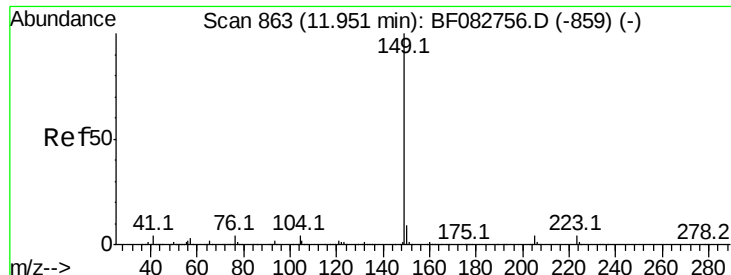
mmdadoda
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#72
 Carbazole
 Concen: 39.40 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.06 min
 Lab File: BF082941.D
 Acq: 16 Nov 2015 13:51

Tgt Ion:167 Resp: 1780972
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.7 28.1
 139 13.5 11.8 17.6





#73

Di-n-butylphthalate

Concen: 33.60 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.07 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Instrument :

BNA_F

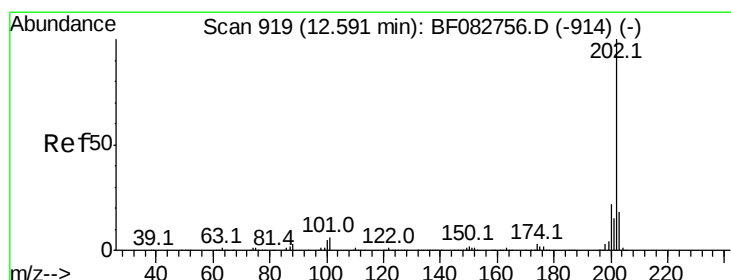
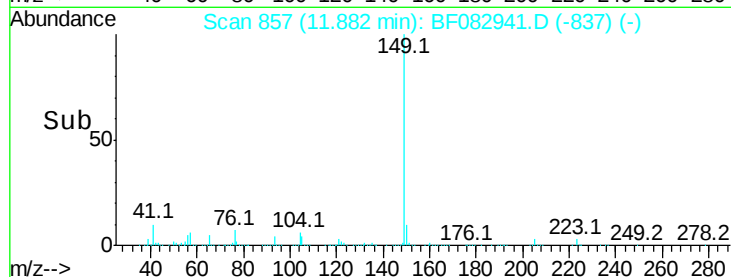
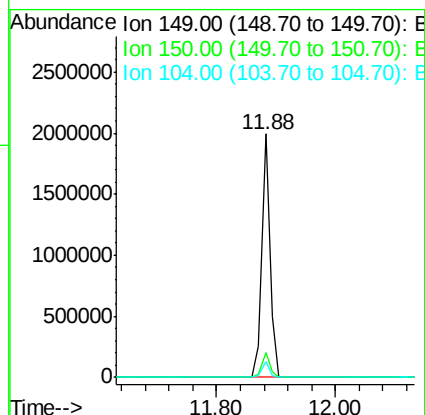
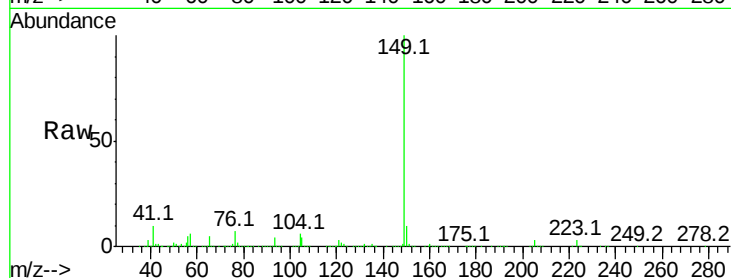
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.1	12.1
104	6.3	5.2	7.8

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#74

Fluoranthene

Concen: 33.44 ng

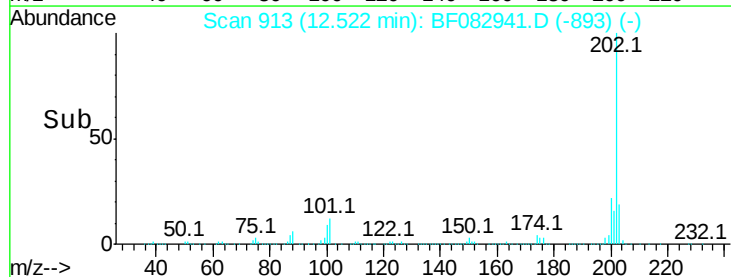
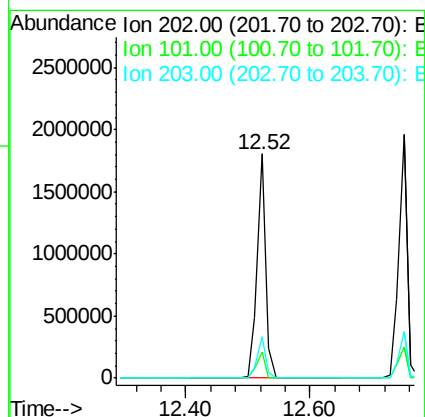
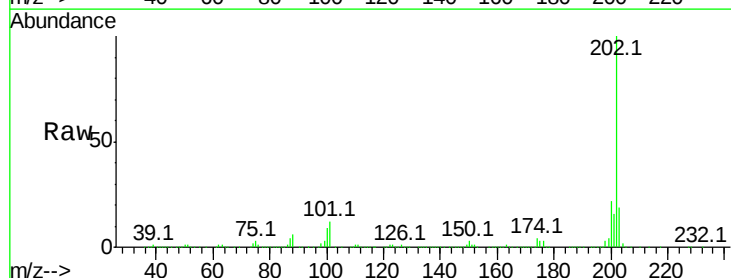
RT: 12.52 min Scan# 913

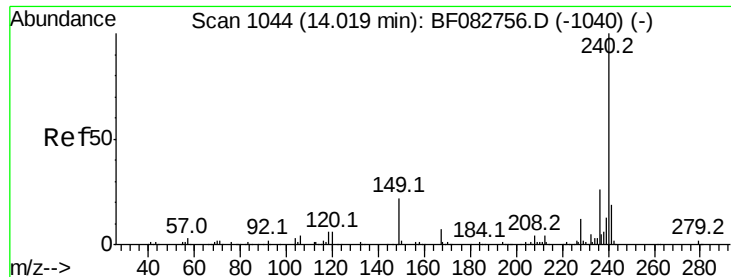
Delta R.T. -0.07 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.5
203	18.8	0.0	38.5





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.07 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Instrument :

BNA_F

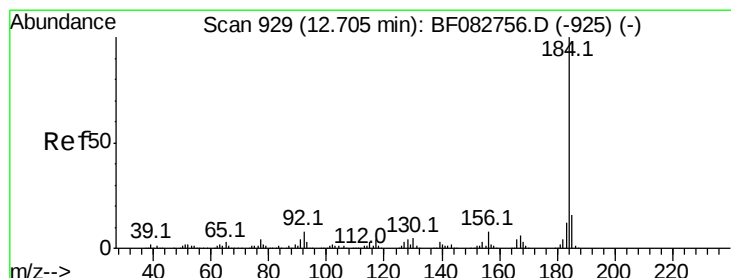
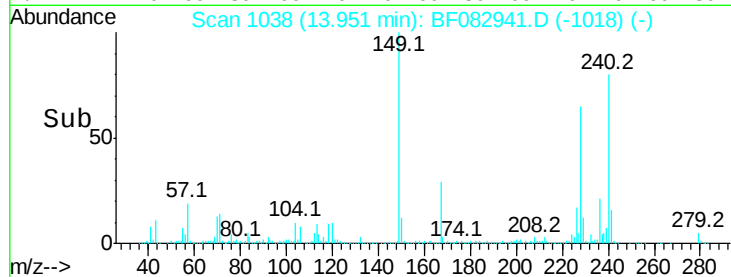
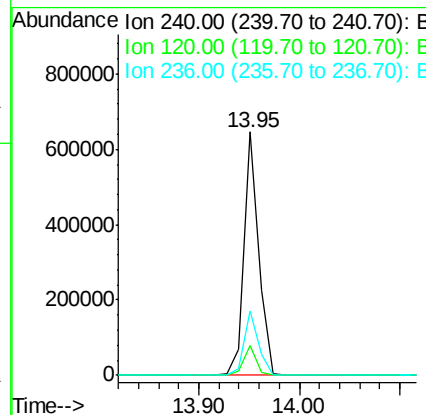
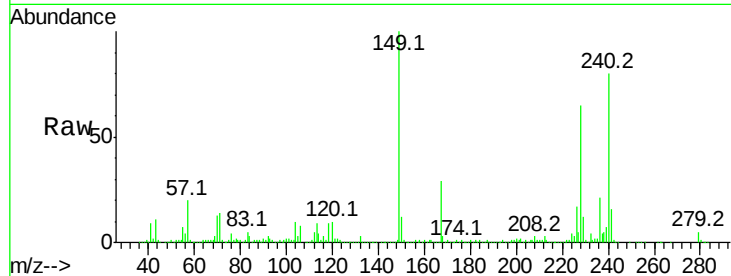
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	657872
Ion Ratio	Lower	Upper	
240	100		
120	12.4	10.9	16.3
236	26.2	21.6	32.4

Manual Integrations
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#76

Benzidine

Concen: 42.04 ng

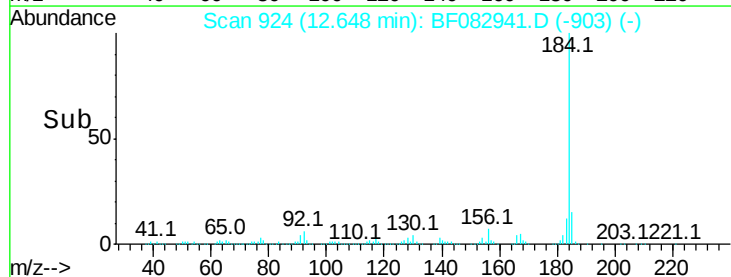
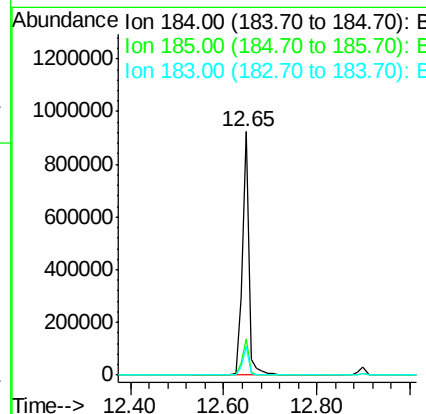
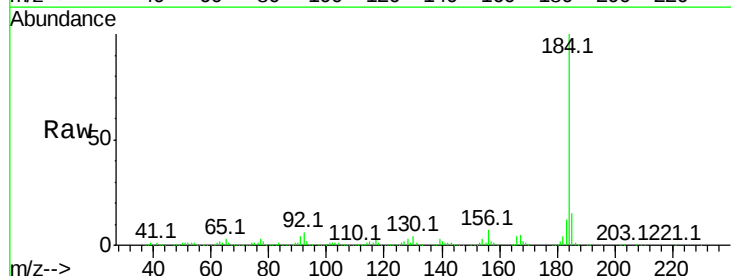
RT: 12.65 min Scan# 924

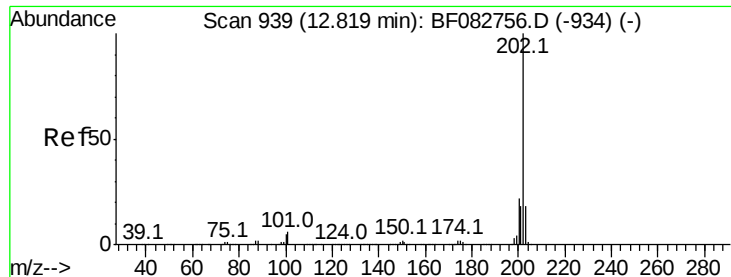
Delta R.T. -0.06 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Tgt Ion:	184	Resp:	926815
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.0	18.0
183	11.7	9.6	14.4





#77

Pvrene

Concen: 41.40 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.07 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1870227

Ion Ratio Lower Upper

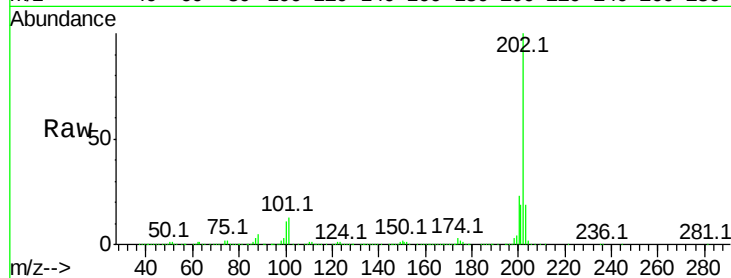
202 100

200 23.2 18.7 28.1

203 19.2 14.8 22.2

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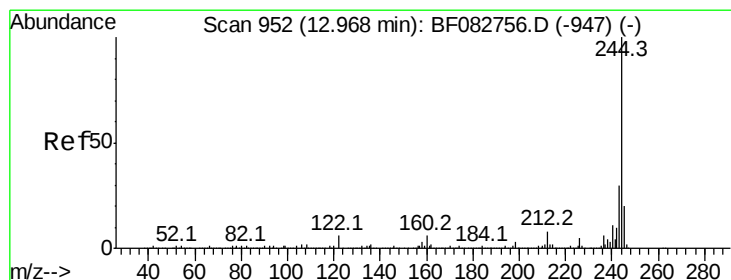
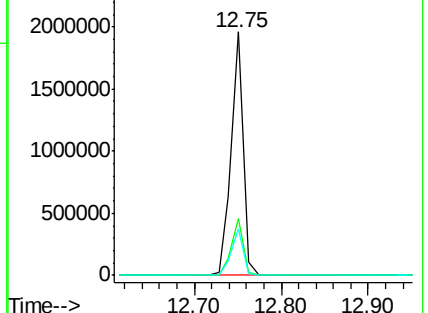
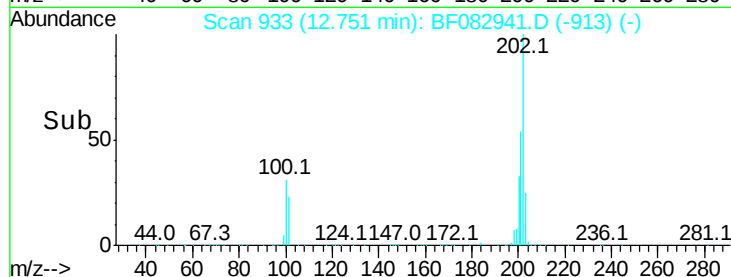
mmdadoda
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.07 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.07 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

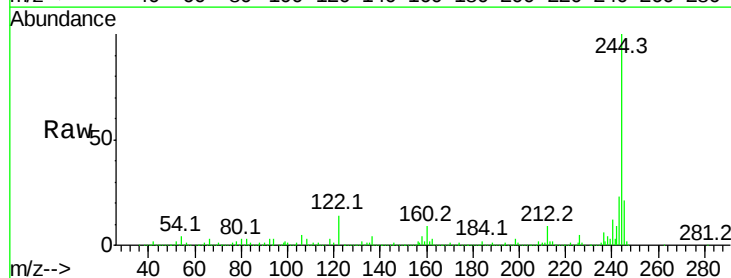
Tgt Ion:244 Resp: 2054489

Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

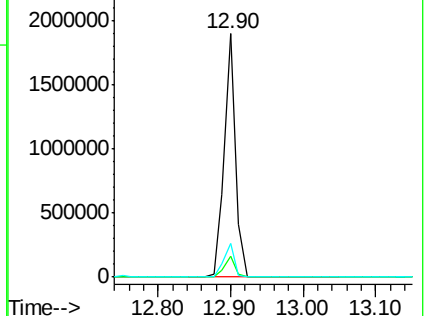
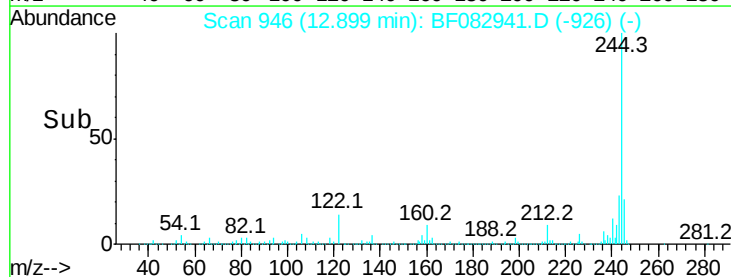
122 13.7 11.3 16.9

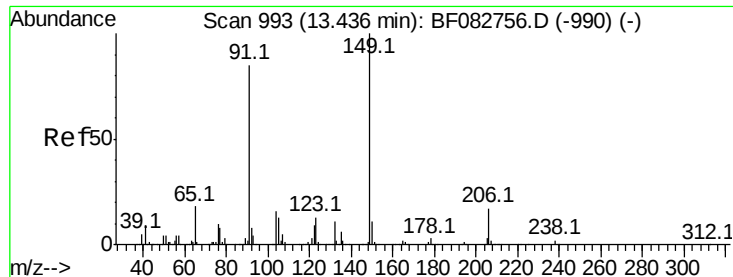


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





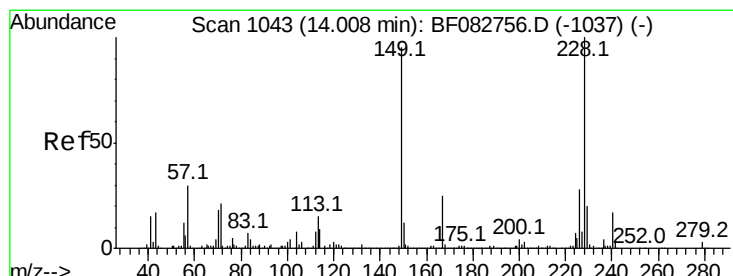
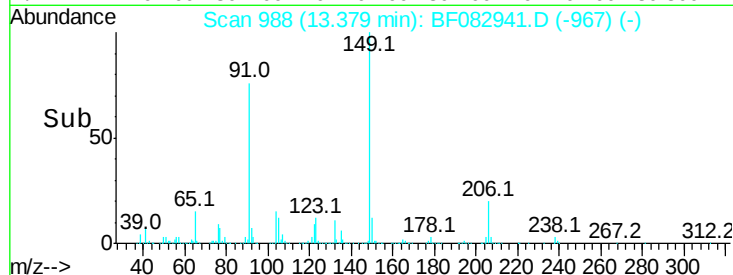
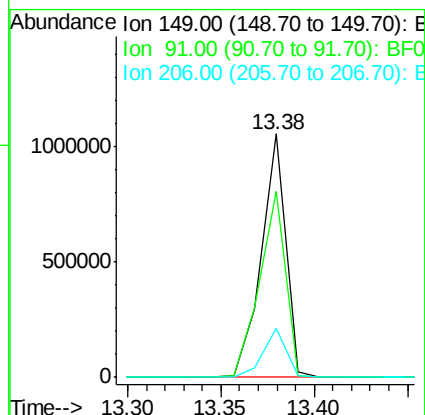
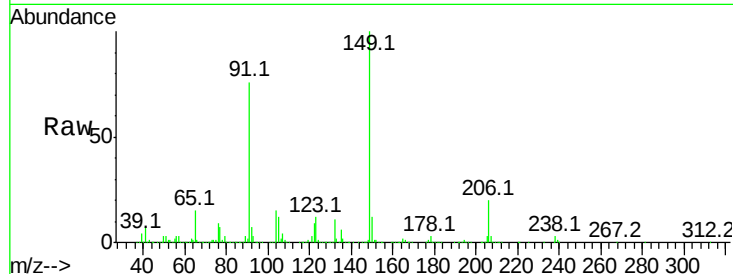
#79
Butylbenzylphthalate
Concen: 47.48 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.06 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	947661		
91	76.4	67.7	101.5	
206	20.3	14.6	22.0	

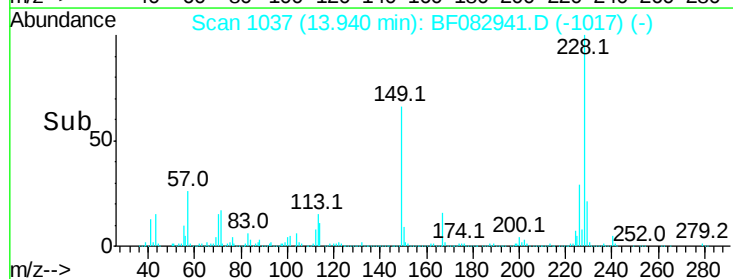
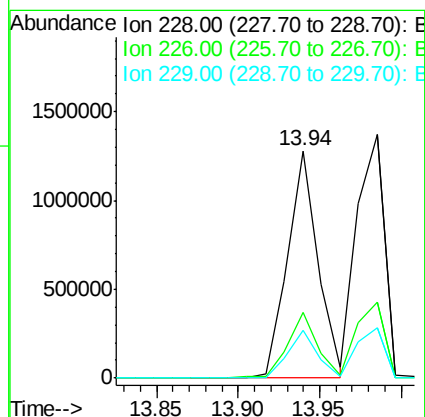
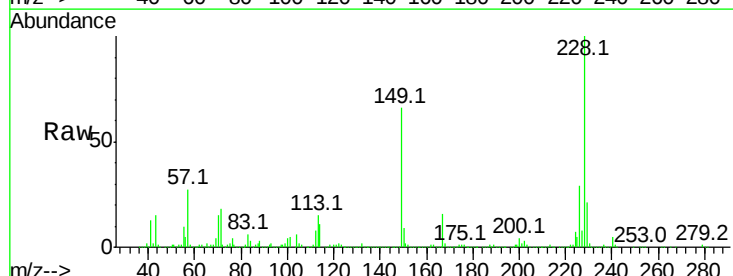
Manual Integrations
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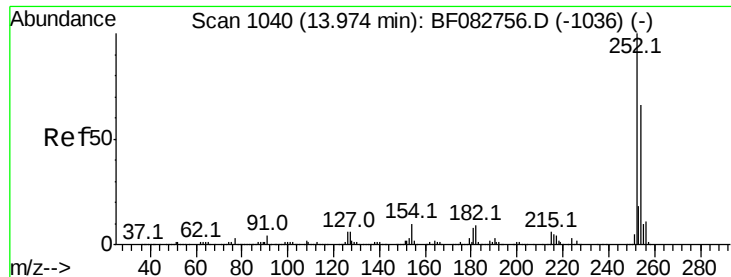
mmdadoda
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#80
Benzo(a)anthracene
Concen: 40.62 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.07 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1670963		
226	29.1	23.4	35.2	
229	20.8	16.3	24.5	





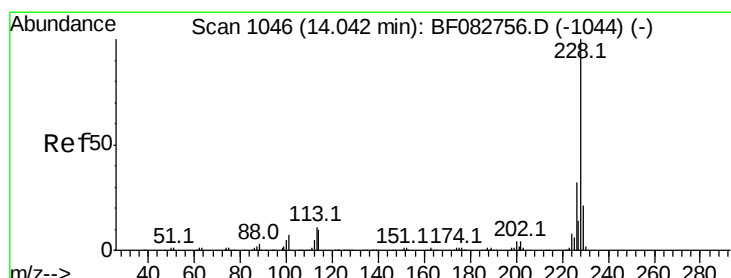
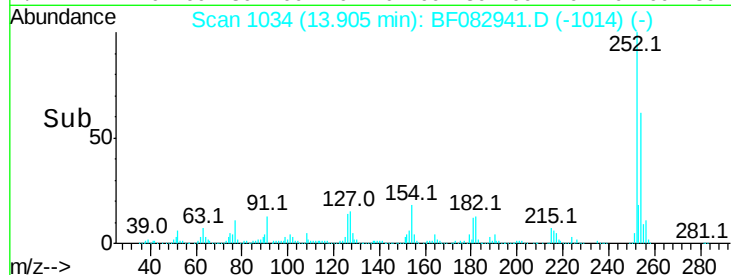
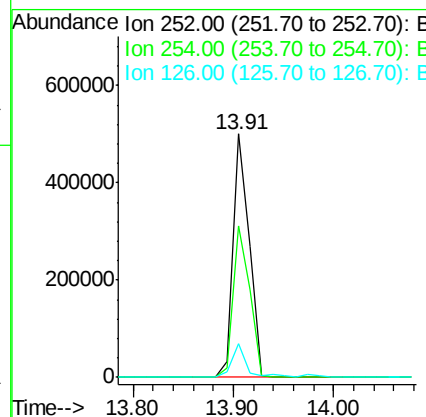
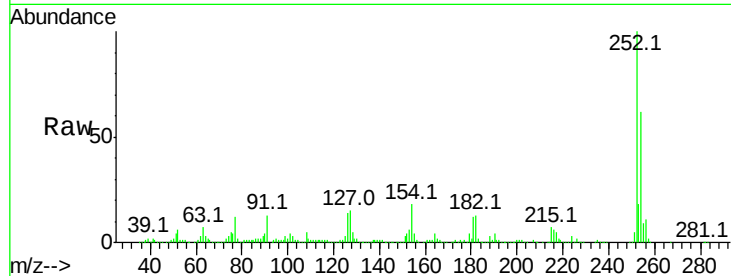
#81
 3,3'-Dichlorobenzidine
 Concen: 38.01 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.07 min
 Lab File: BF082941.D
 Acq: 16 Nov 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	555952		
254	62.4		51.4	77.0
126	14.1		10.7	16.1

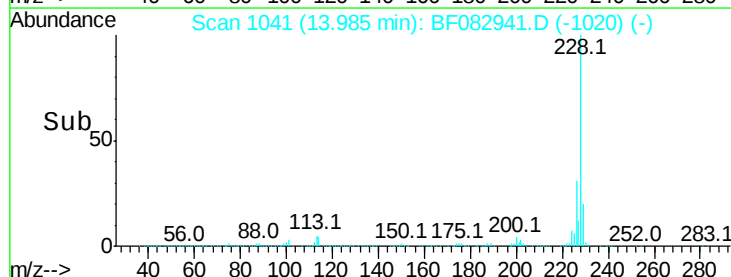
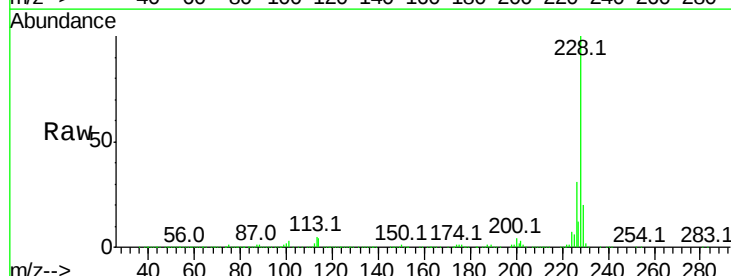
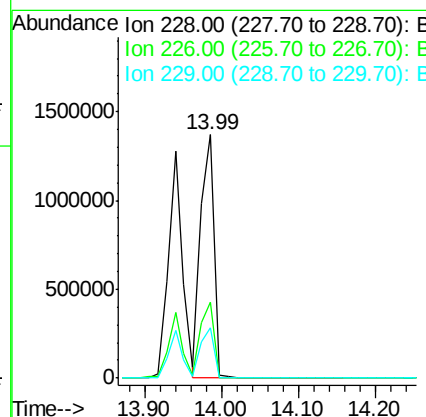
Manual Integrations
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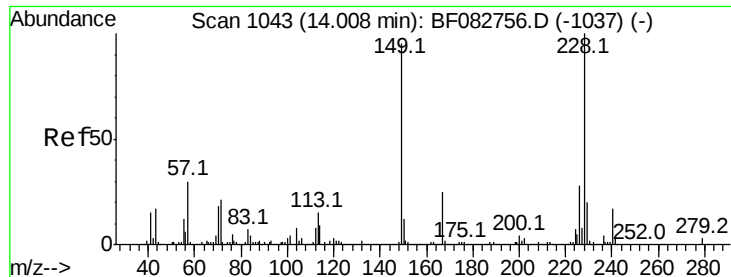
mmdadoda
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#82
 Chrysene
 Concen: 43.59 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.06 min
 Lab File: BF082941.D
 Acq: 16 Nov 2015 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1642420		
226	31.4		25.5	38.3
229	20.5		16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.95 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.07 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1173263

Ion Ratio Lower Upper

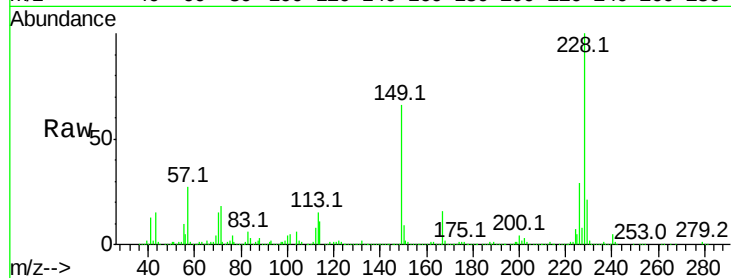
149 100

167 24.5 21.2 31.8

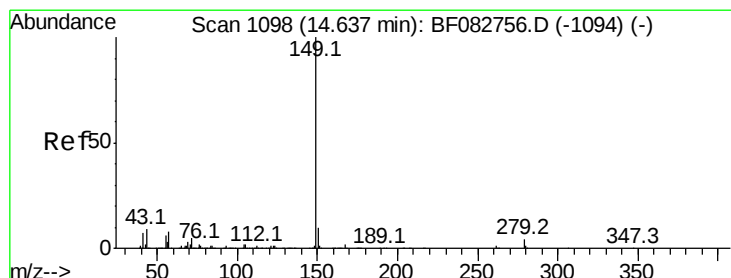
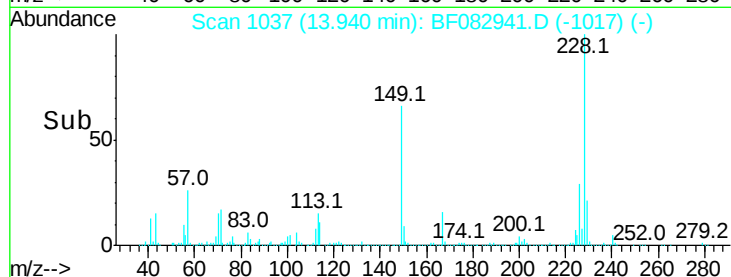
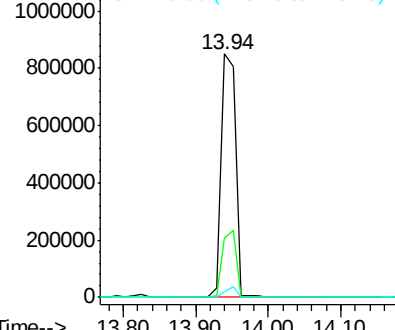
279 2.1 2.2 3.2#

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.82 ng

RT: 14.57 min Scan# 1092

Delta R.T. -0.07 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

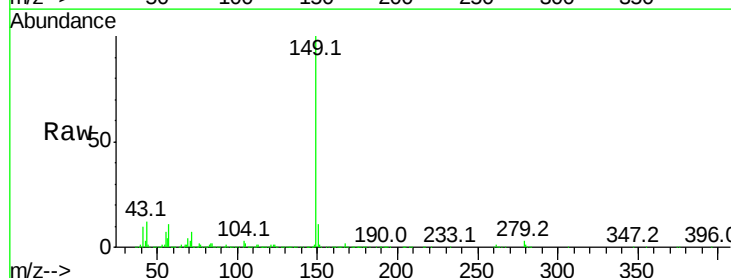
Tgt Ion:149 Resp: 1905692

Ion Ratio Lower Upper

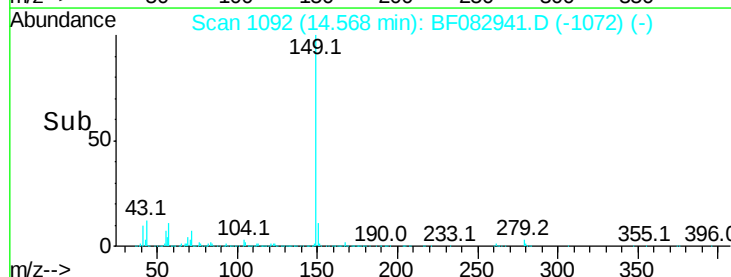
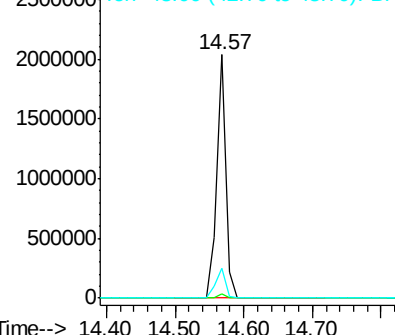
149 100

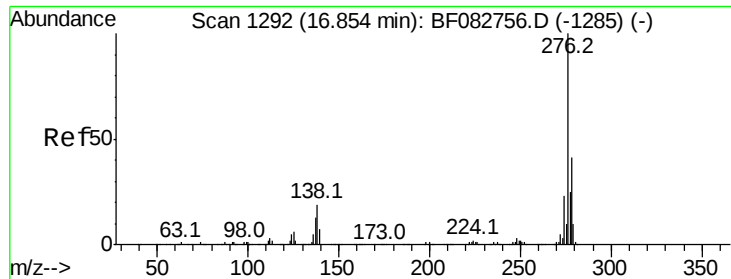
167 1.7 1.3 1.9

43 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.37 ng

RT: 16.74 min Scan# 1282

Delta R.T. -0.11 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1309996

Ion Ratio Lower Upper

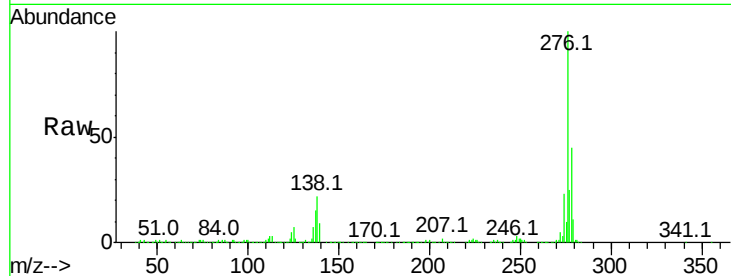
276 100

138 22.8 15.3 22.9

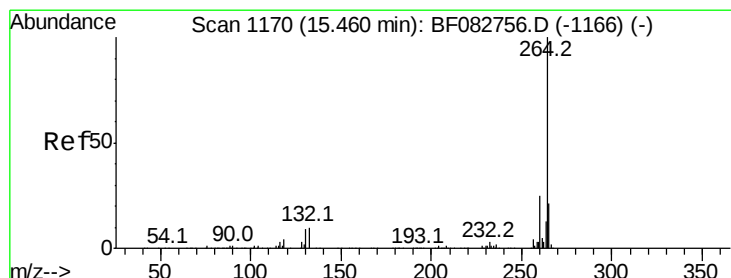
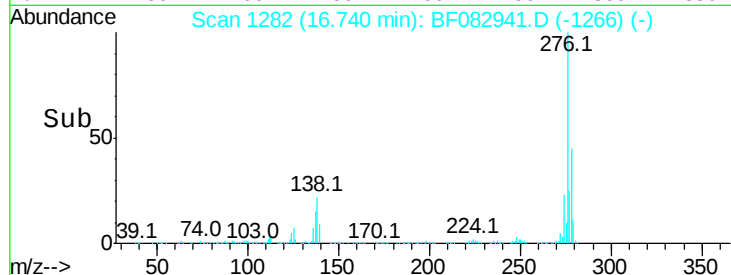
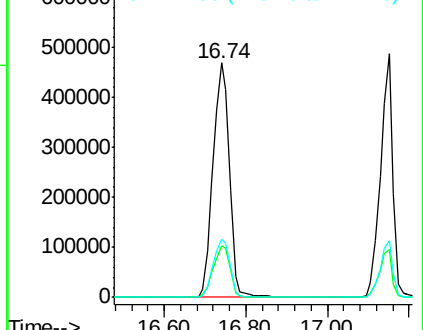
277 25.2 20.2 30.4

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.08 min

Lab File: BF082941.D

Acq: 16 Nov 2015 13:51

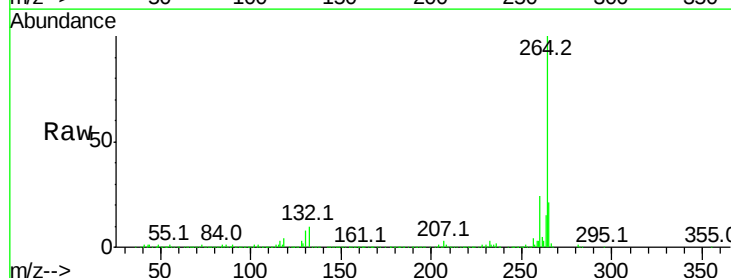
Tgt Ion:264 Resp: 608652

Ion Ratio Lower Upper

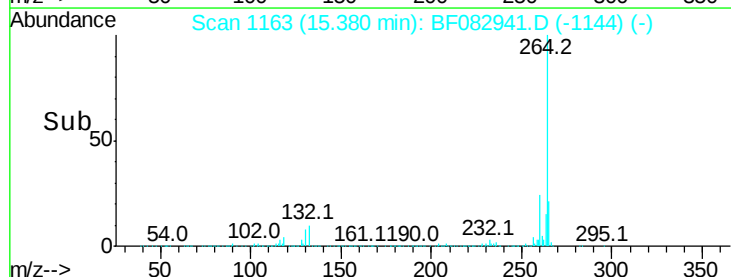
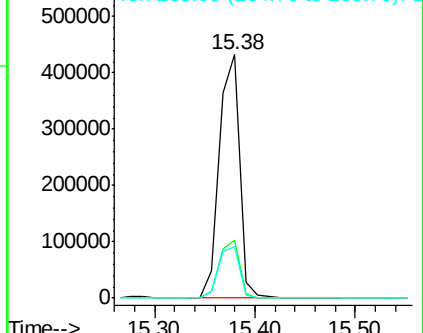
264 100

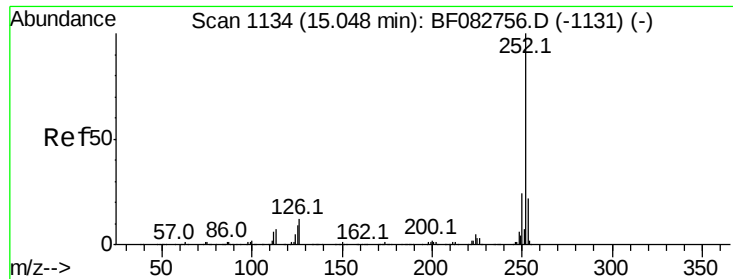
260 23.9 19.8 29.6

265 21.4 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





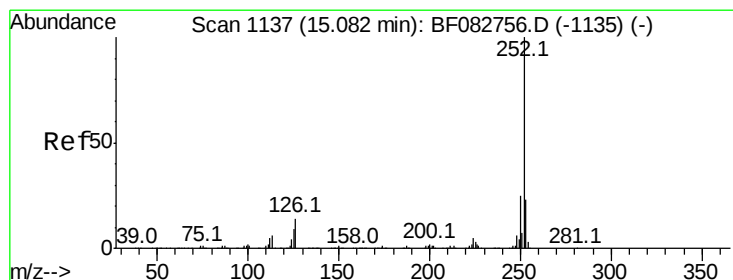
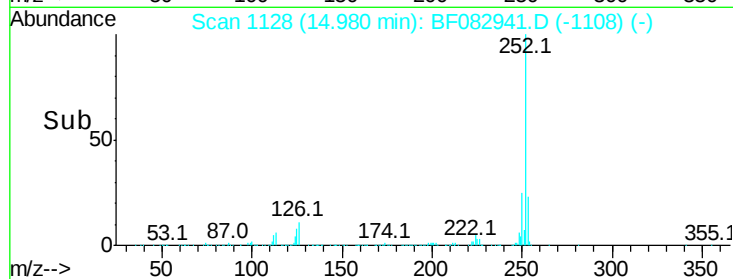
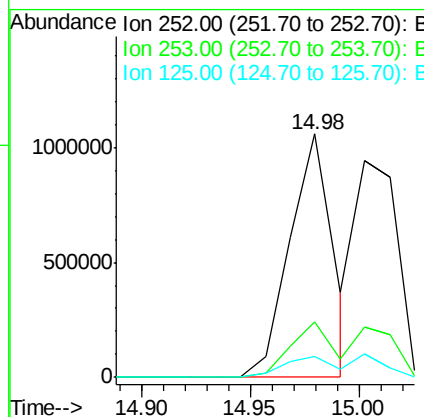
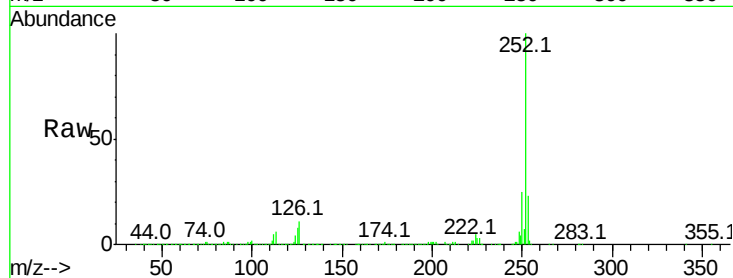
#87
Benzo(b)fluoranthene
Concen: 37.37 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.07 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1460010
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 8.4 5.4 8.2#

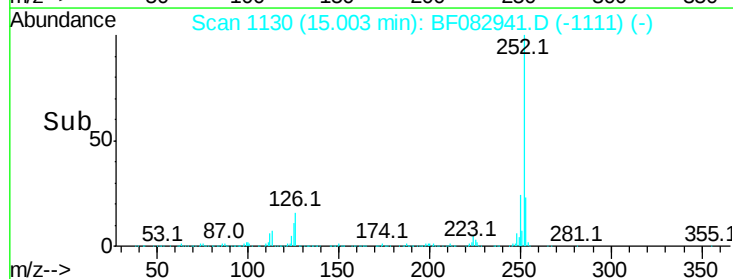
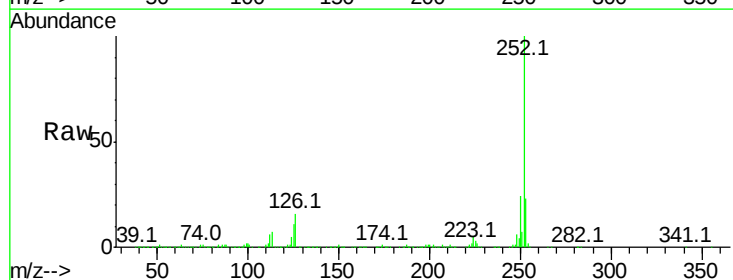
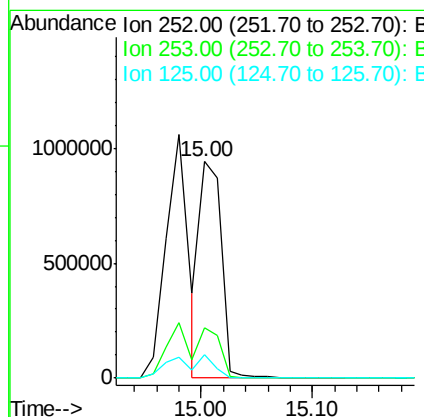
Manual Integrations
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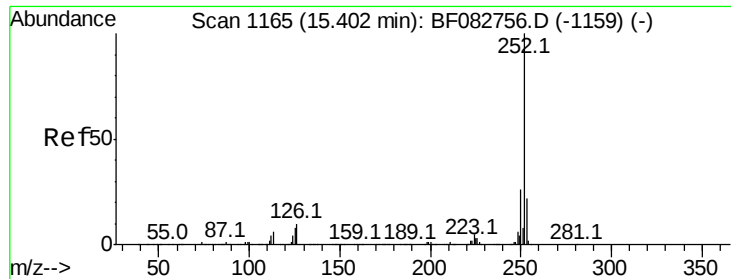
mmdadoda
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#88
Benzo(k)fluoranthene
Concen: 37.24 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.08 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Tgt Ion:252 Resp: 1290606
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 11.1 3.5 5.3#





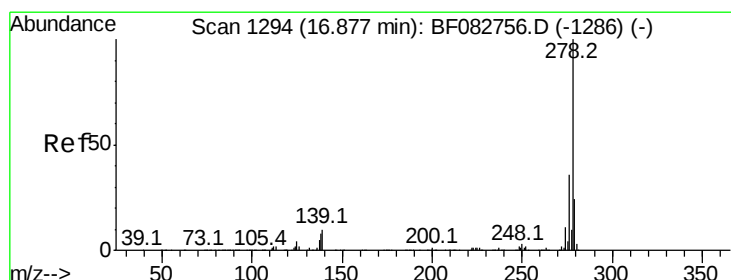
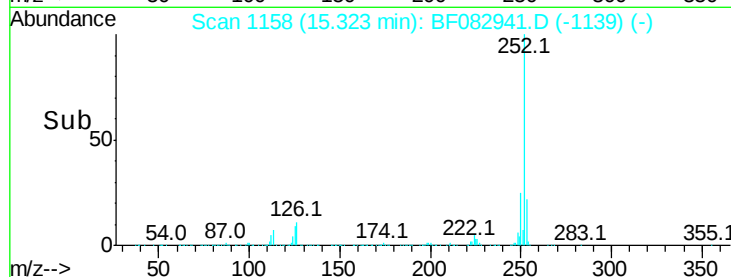
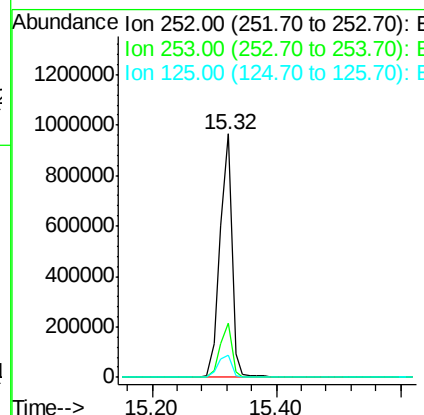
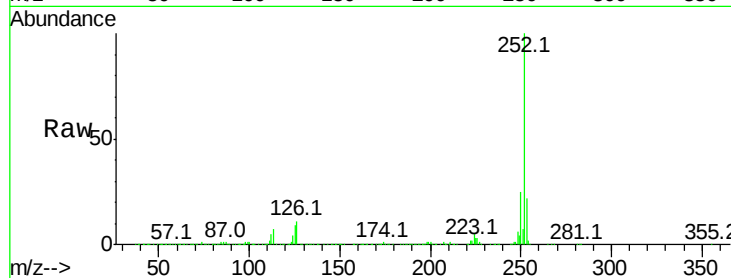
#89
Benzo(a)pyrene
Concen: 37.18 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.08 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1258403
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 8.9 7.1 10.7

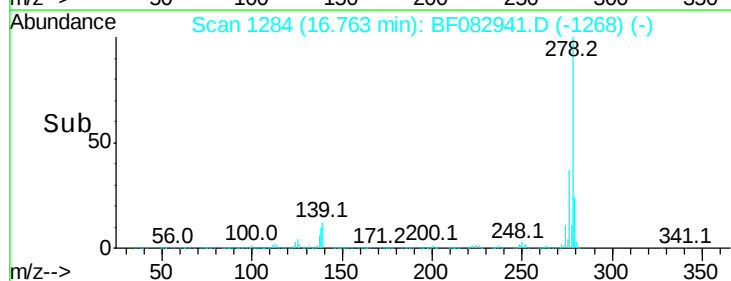
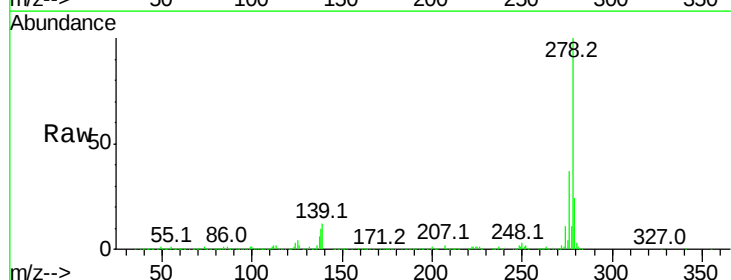
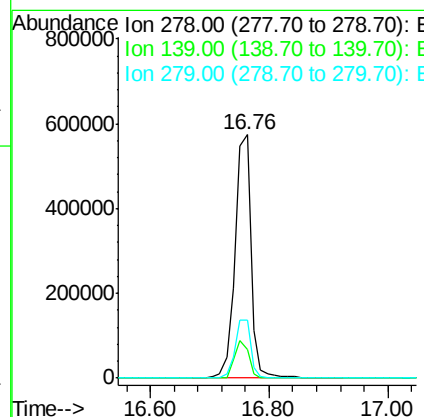
Manual Integrations
APPROVED

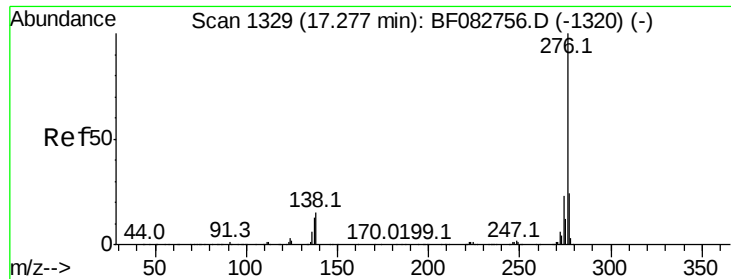
mmdadoda
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#90
Dibenzo(a,h)anthracene
Concen: 37.46 ng
RT: 16.76 min Scan# 1284
Delta R.T. -0.11 min
Lab File: BF082941.D
Acq: 16 Nov 2015 13:51

Tgt Ion:278 Resp: 1073714
Ion Ratio Lower Upper
278 100
139 11.8 9.9 14.9
279 23.9 19.6 29.4





#91
 Benzo(a,h,i)perylene
 Concen: 38.09 ng
 RT: 17.15 min Scan# 1318
 Delta R.T. -0.13 min
 Lab File: BF082941.D
 Acq: 16 Nov 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	19.8	13.1	19.7

Manual Integrations
 APPROVED

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