

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082762.D
 Acq On : 6 Nov 2015 15:36
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:10:15 PM

Quant Time: Nov 07 03:02:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	164612	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	621044	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	329855	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	632581	20.00	ng	0.00
75) Chrysene-d12	14.02	240	551384	20.00	ng	0.00
86) Perylene-d12	15.45	264	503910	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	853337	80.66	ng	0.00
7) Phenol-d6	6.49	99	1121731	79.75	ng	0.01
23) Nitrobenzene-d5	7.41	82	1130938	79.24	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	314341	83.11	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1856165	80.65	ng	0.00
78) Terphenyl-d14	12.97	244	2003783	86.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	175568	38.46	ng	95
3) Pyridine	3.15	79	528533	39.90	ng	99
4) n-Nitrosodimethylamine	3.09	42	263990	40.18	ng	90
6) Aniline	6.51	93	745074	37.73	ng	99
8) 2-Chlorophenol	6.64	128	462885	39.47	ng	89
9) Benzaldehyde	6.40	77	321788	41.41	ng	82
10) Phenol	6.50	94	698211	43.75	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	493089	41.32	ng	87
12) 1,3-Dichlorobenzene	6.80	146	529745m	40.05	ng	
13) 1,4-Dichlorobenzene	6.86	146	500005	36.33	ng	99
14) 1,2-Dichlorobenzene	7.02	146	502777	40.17	ng	98
15) Benzyl Alcohol	6.99	79	453856	36.74	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	703450	40.18	ng	95
17) 2-Methylphenol	7.10	107	396394	39.90	ng	98
18) Hexachloroethane	7.37	117	193059	39.22	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	417288	40.36	ng	87
20) 3+4-Methylphenols	7.26	107	479210	37.10	ng	90
22) Acetophenone	7.26	105	669323	37.61	ng	# 87
24) Nitrobenzene	7.44	77	606583	41.56	ng	91
25) Isophorone	7.68	82	1034160	39.16	ng	98
26) 2-Nitrophenol	7.76	139	266152	43.69	ng	# 65
27) 2,4-Dimethylphenol	7.79	122	413690	37.79	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	639999	42.96	ng	99
29) 2,4-Dichlorophenol	8.00	162	407968	41.24	ng	93
30) 1,2,4-Trichlorobenzene	8.09	180	437611	39.33	ng	# 93
31) Naphthalene	8.16	128	1282637	37.43	ng	100
32) Benzoic acid	7.93	122	312288	41.67	ng	94
33) 4-Chloroaniline	8.21	127	574450	38.90	ng	# 81
34) Hexachlorobutadiene	8.29	225	269255	38.67	ng	98
35) Caprolactam	8.58	113	126033	40.41	ng	87
36) 4-Chloro-3-methylphenol	8.69	107	479526	41.21	ng	92
37) 2-Methylnaphthalene	8.85	142	906905	40.91	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	456195	42.09	ng	97
40) Hexachlorocyclopentadiene	9.01	237	256590	44.06	ng	98

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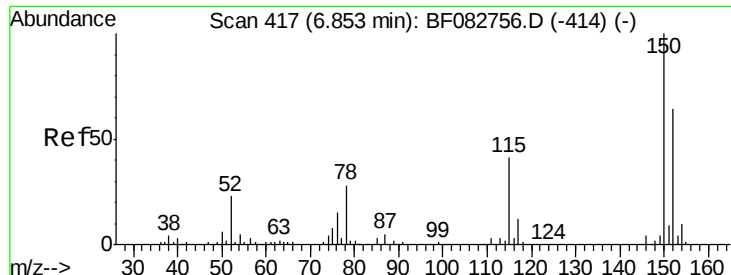
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	315221	38.96	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	315248	39.39	nq	# 79
45) 1,1'-Biphenyl	9.32	154	1203876	42.53	nq	99
46) 2-Chloronaphthalene	9.34	162	923748	41.84	nq	97
47) 2-Nitroaniline	9.44	65	334912	40.89	nq	# 54
48) Acenaphthylene	9.76	152	1454733	42.04	nq	100
49) Dimethylphthalate	9.62	163	956057	35.38	nq	100
50) 2,6-Dinitrotoluene	9.68	165	225263	39.06	nq	99
51) Acenaphthene	9.93	154	886691	40.43	nq	99
52) 3-Nitroaniline	9.85	138	277332	43.73	nq	# 66
53) 2,4-Dinitrophenol	9.95	184	131090	41.41	nq	# 7
54) Dibenzofuran	10.10	168	1190755	40.27	nq	94
55) 4-Nitrophenol	10.00	139	173507	35.66	nq	# 81
56) 2,4-Dinitrotoluene	10.08	165	287802	36.79	nq	99
57) Fluorene	10.44	166	1003149	41.89	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	250908	38.42	nq	93
59) Diethylphthalate	10.32	149	1031121	39.08	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	432670	36.11	nq	# 78
61) 4-Nitroaniline	10.45	138	234635	36.79	nq	88
62) Azobenzene	10.59	77	1107880	39.09	nq	89
64) 4,6-Dinitro-2-methylphenol	10.49	198	190163	42.20	nq	81
65) n-Nitrosodiphenylamine	10.56	169	926974	40.56	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	277060	36.37	nq	# 76
67) Hexachlorobenzene	10.99	284	310777	36.54	nq	# 81
68) Atrazine	11.08	200	288654	40.85	nq	97
69) Pentachlorophenol	11.18	266	218055	42.22	nq	98
70) Phenanthrene	11.40	178	1518041	41.32	nq	99
71) Anthracene	11.45	178	1333772	34.47	nq	99
72) Carbazole	11.61	167	1334346	39.39	nq	96
73) Di-n-butylphthalate	11.94	149	1582385	37.49	nq	99
74) Fluoranthene	12.59	202	1498696	38.02	nq	93
76) Benzidine	12.71	184	830437	44.94	nq	98
77) Pyrene	12.81	202	1513492	39.97	nq	99
79) Butylbenzylphthalate	13.44	149	664315	39.71	nq	100
80) Benzo(a)anthracene	14.01	228	1399703	40.59	nq	98
81) 3,3'-Dichlorobenzidine	13.96	252	475407	38.78	nq	98
82) Chrysene	14.04	228	1380481	43.71	nq	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	992943	43.37	nq	# 99
84) Di-n-octyl phthalate	14.63	149	1558467	40.81	nq	97
85) Indeno(1,2,3-cd)pyrene	16.84	276	1163149	42.77	nq	99
87) Benzo(b)fluoranthene	15.05	252	1408170m	43.54	nq	
88) Benzo(k)fluoranthene	15.07	252	954737m	33.27	nq	
89) Benzo(a)pyrene	15.39	252	1098193	39.19	nq	99
90) Dibenzo(a,h)anthracene	16.87	278	955080	40.25	nq	99
91) Benzo(g,h,i)perylene	17.27	276	911844	40.12	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082762.D

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BNA_F

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SSTDCCC040

Tot Ion:152 Resp: 164612

Ion Ratio Lower Upper

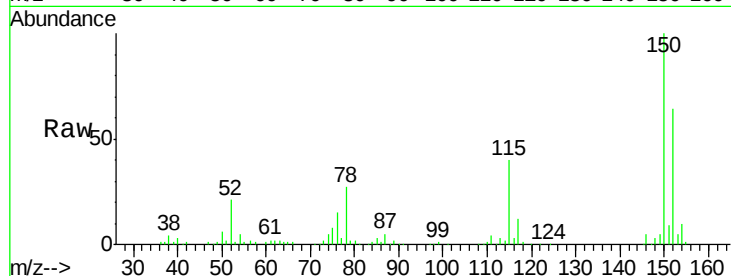
152 100

150 155.5 127.0 190.4

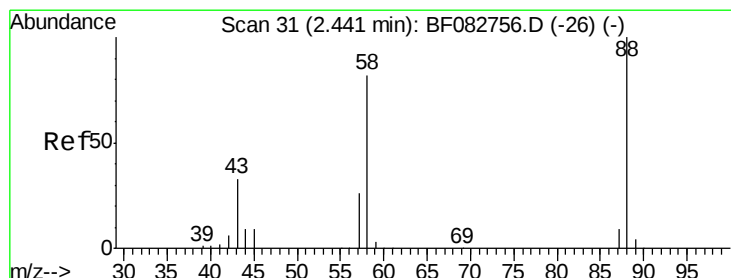
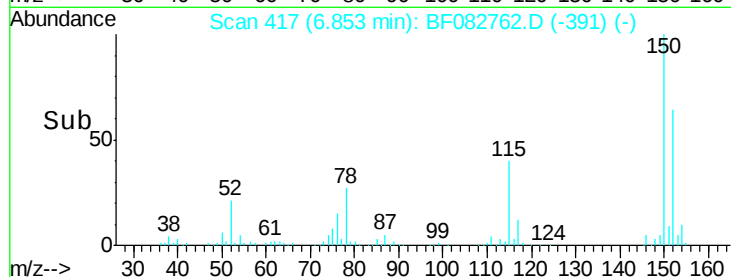
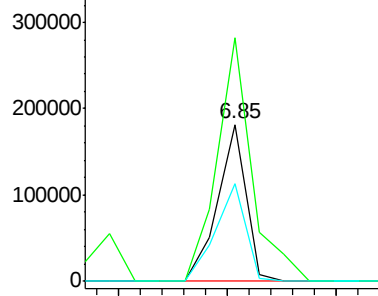
115 62.0 47.0 70.6

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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: 38.46 ng

RT: 2.43 min Scan# 30

Delta R.T. -0.01 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

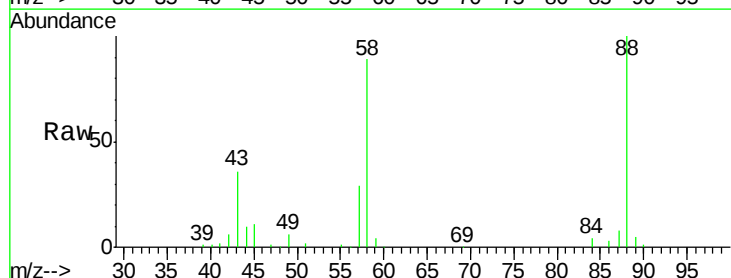
Tgt Ion: 88 Resp: 175568

Ion Ratio Lower Upper

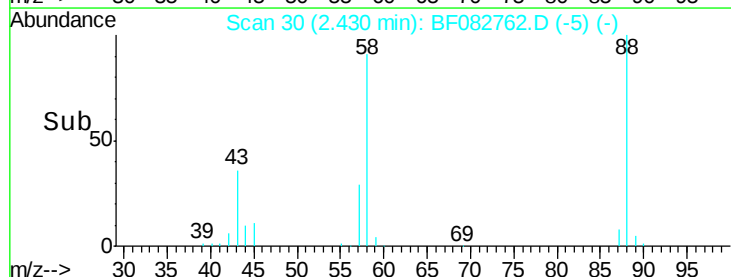
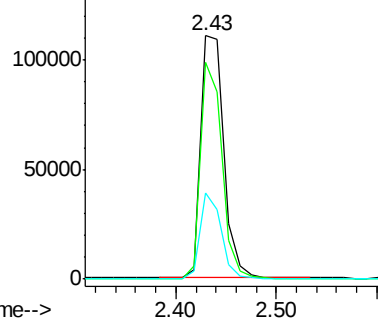
88 100

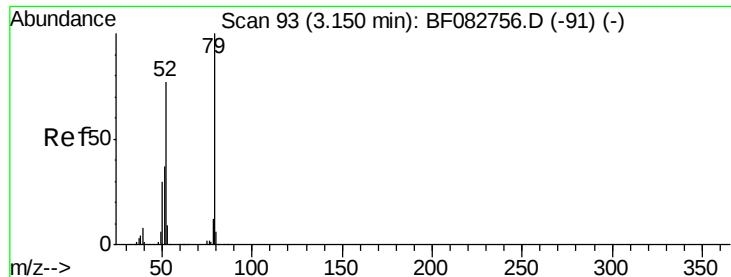
58 83.4 62.0 93.0

43 32.9 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





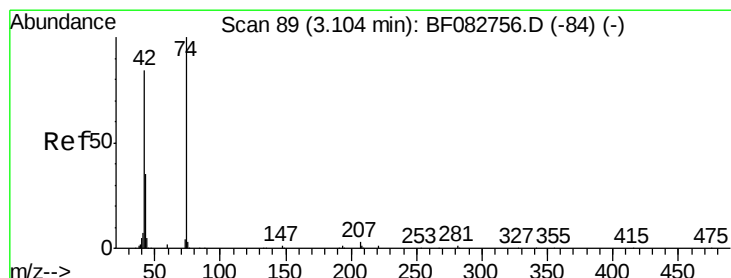
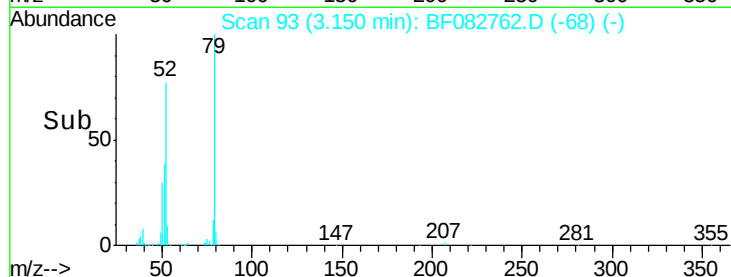
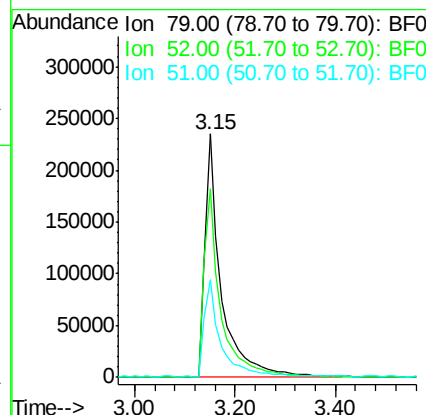
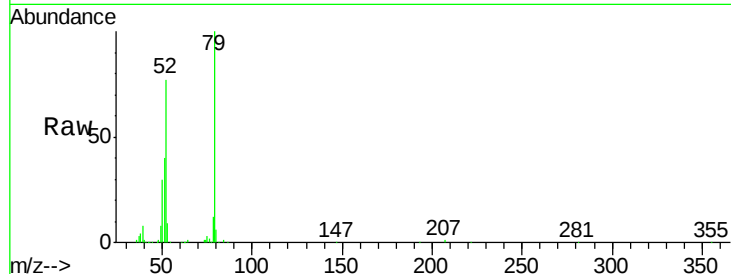
#3
 Pvridine
 Concen: 39.90 ng
 RT: 3.15 min Scan# 93
 Delta R.T. -0.01 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.4	62.8	94.2
51	40.0	32.0	48.0

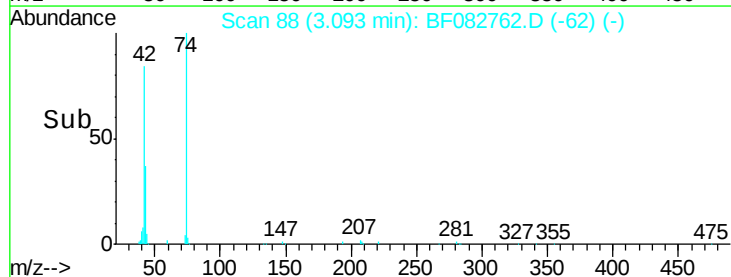
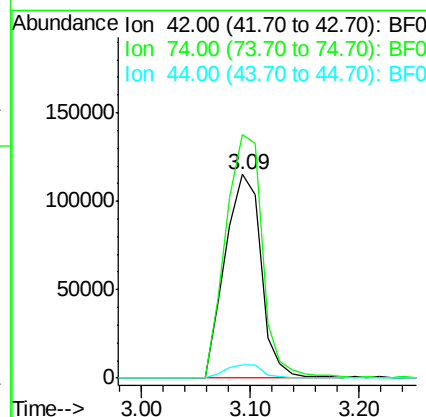
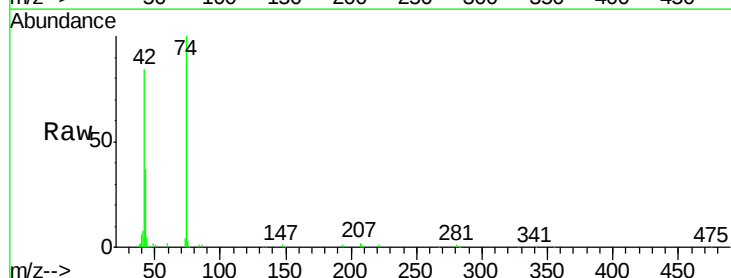
Manual Integrations
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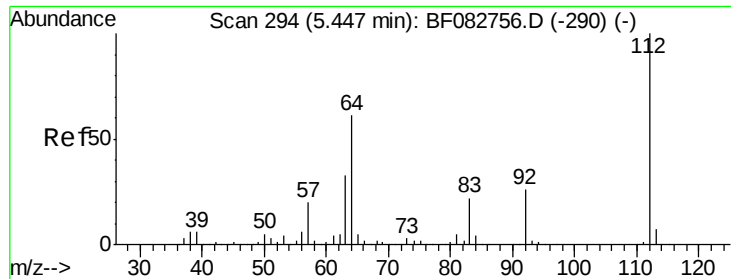
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#4
 n-Nitrosodimethylamine
 Concen: 40.18 ng
 RT: 3.09 min Scan# 88
 Delta R.T. 0.00 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.8	87.0	130.4
44	6.3	5.8	8.8





#5

2-Fluorophenol

Concen: 80.66 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Instrument :

BNA_F

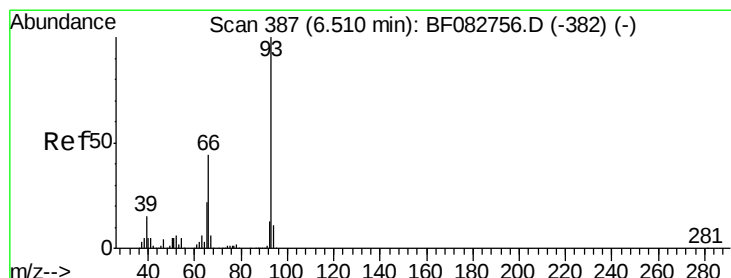
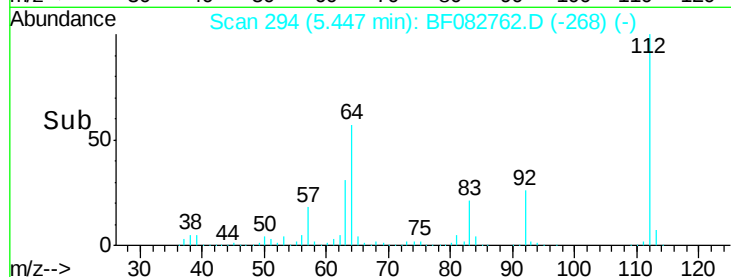
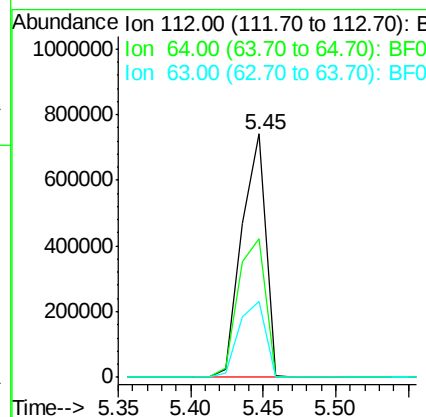
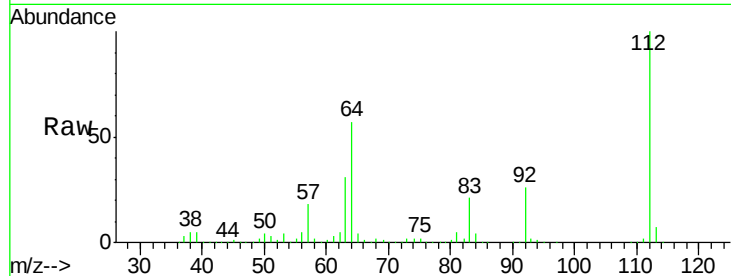
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	853337
Ion Ratio	Lower	Upper	
112	100		
64	57.1	48.9	73.3
63	31.0	28.1	42.1

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#6

Aniline

Concen: 37.73 ng

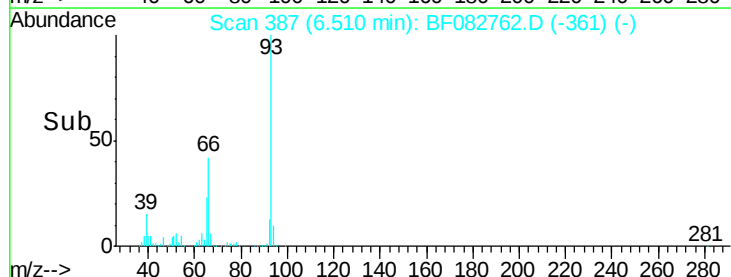
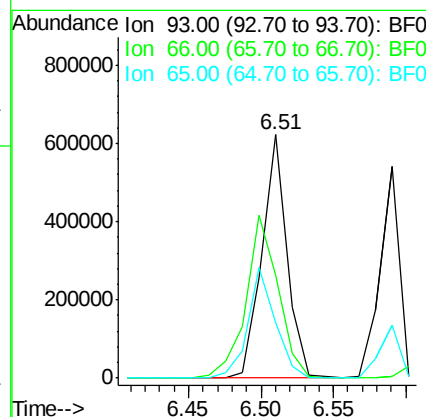
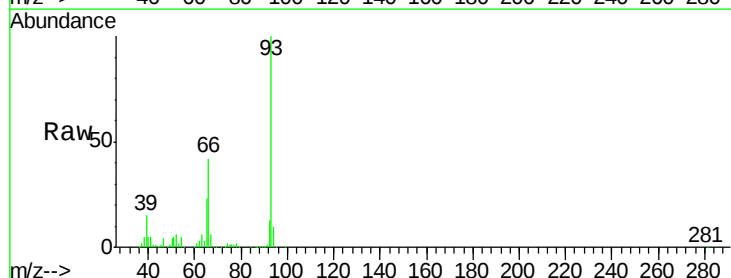
RT: 6.51 min Scan# 387

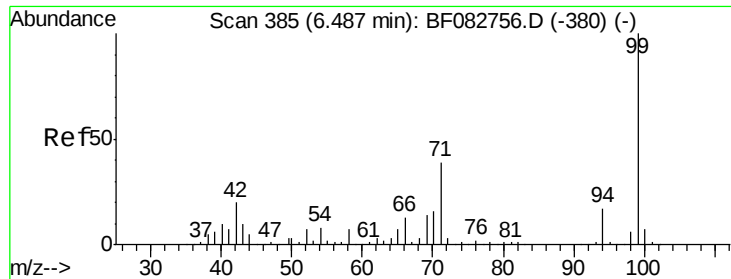
Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Tgt Ion:	93	Resp:	745074
Ion Ratio	Lower	Upper	
93	100		
66	42.5	33.6	50.4
65	22.7	18.1	27.1





#7

Phenol-d6

Concen: 79.75 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Instrument :

BNA_F

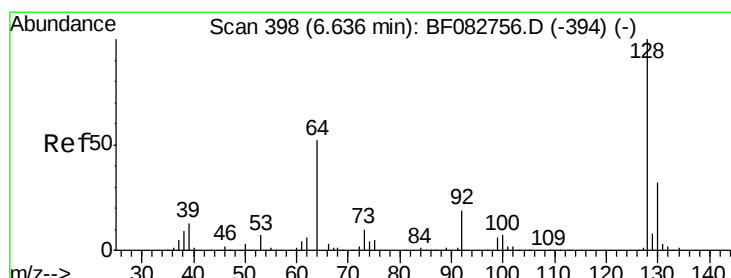
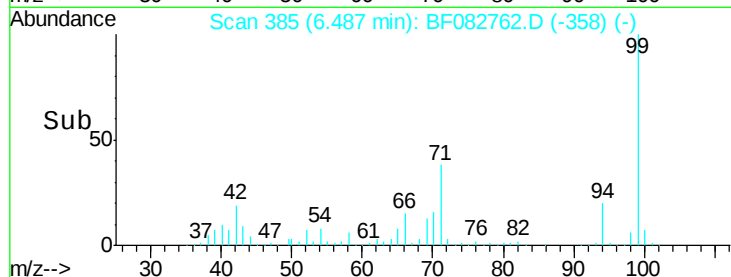
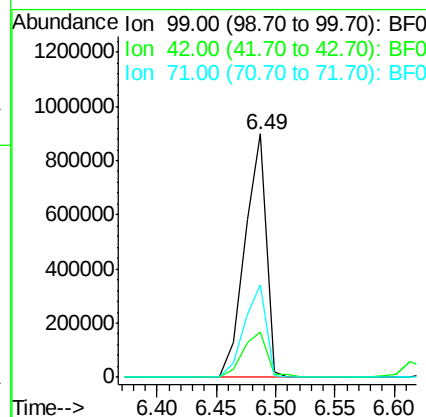
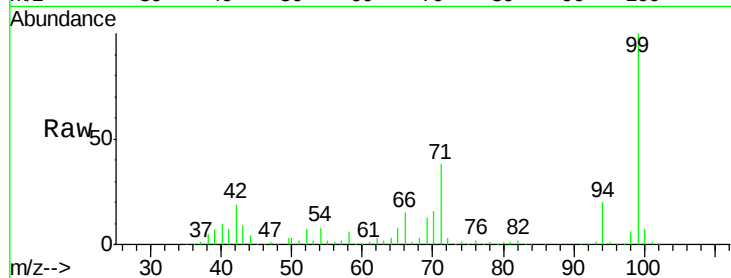
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	1121731
Ion	Ratio	Lower	Upper
99	100		
42	18.6	19.2	28.8#
71	38.0	35.0	52.4

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#8

2-Chlorophenol

Concen: 39.47 ng

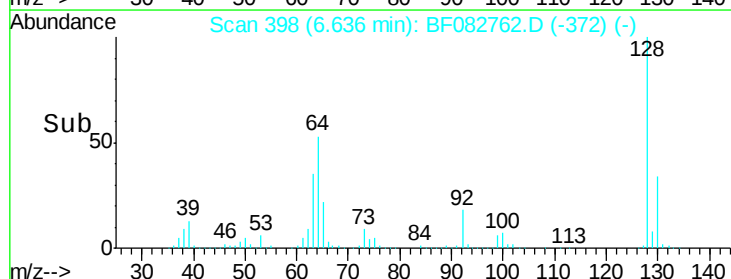
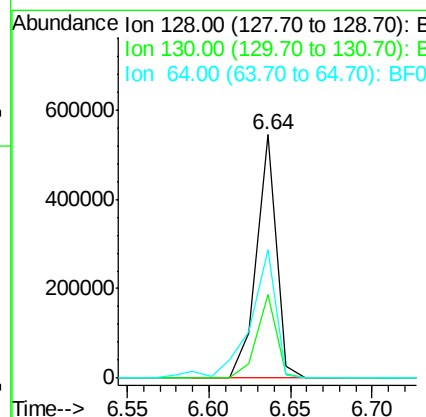
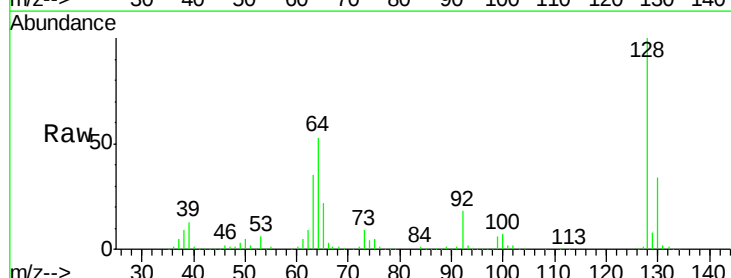
RT: 6.64 min Scan# 398

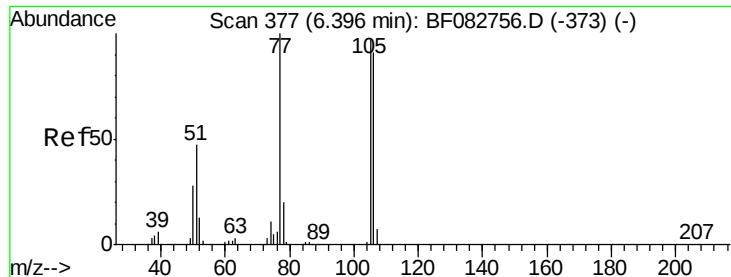
Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Tgt Ion:	128	Resp:	462885
Ion	Ratio	Lower	Upper
128	100		
130	34.2	13.5	53.5
64	52.7	21.1	61.1





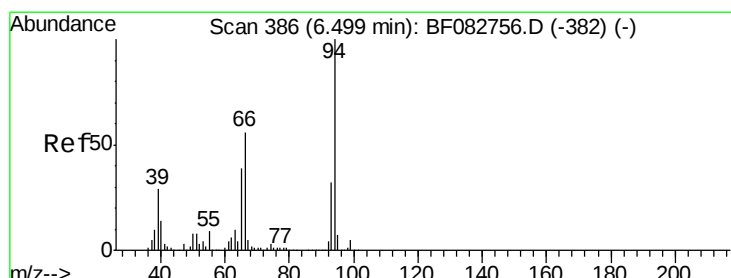
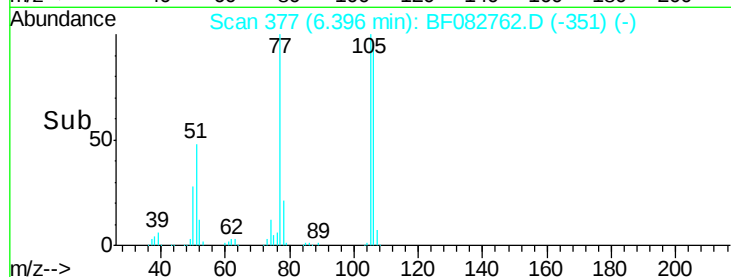
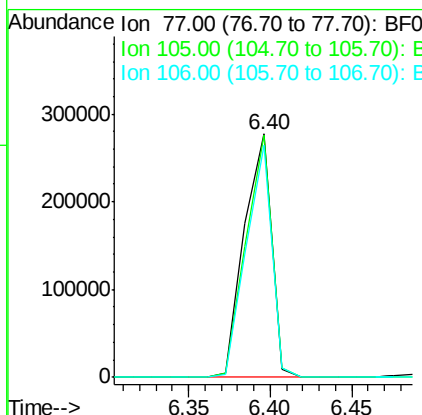
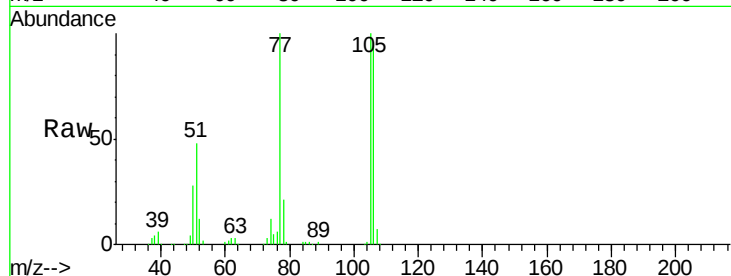
#9
Benzaldehyde
Concen: 41.41 ng
RT: 6.40 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	99.7	63.5	103.5		
106	95.5	59.3	99.3		

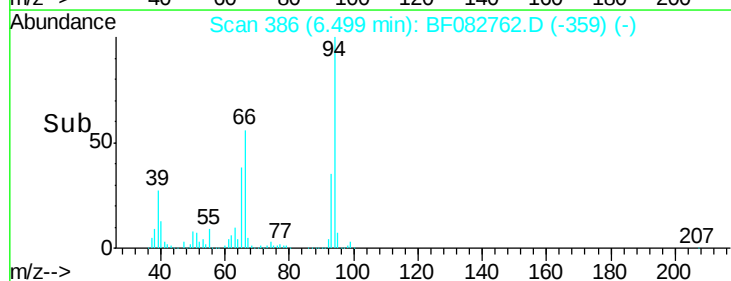
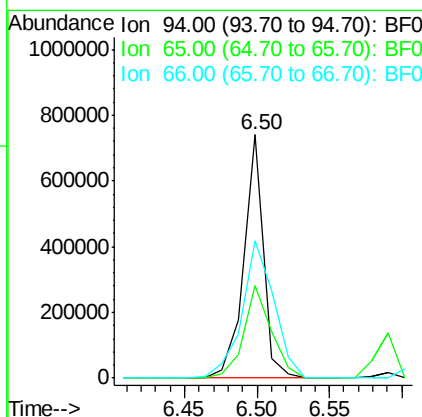
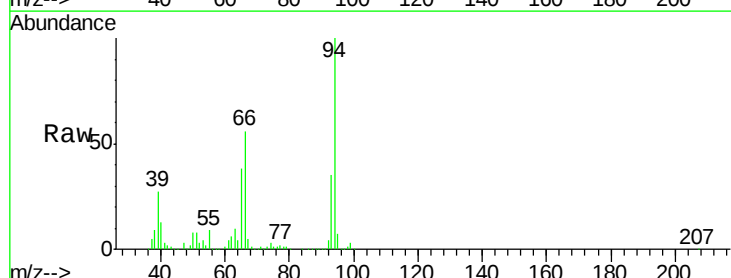
Manual Integrations
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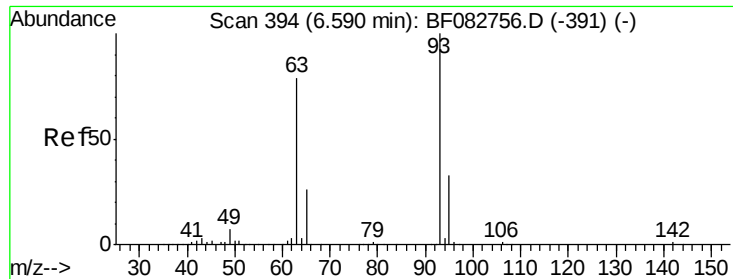
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#10
Phenol
Concen: 43.75 ng
RT: 6.50 min Scan# 386
Delta R.T. 0.01 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	38.2	18.9	58.9		
66	56.3	34.9	74.9		





#11

bis(2-Chloroethyl)ether

Concen: 41.32 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Instrument :

BNA_F

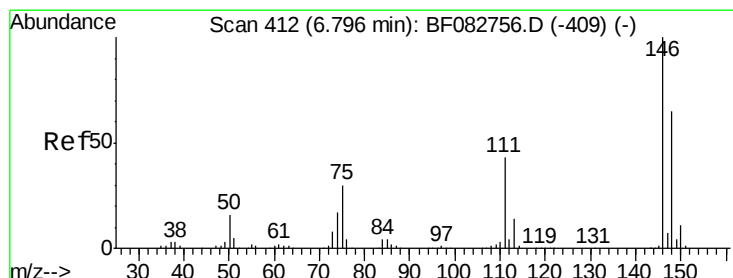
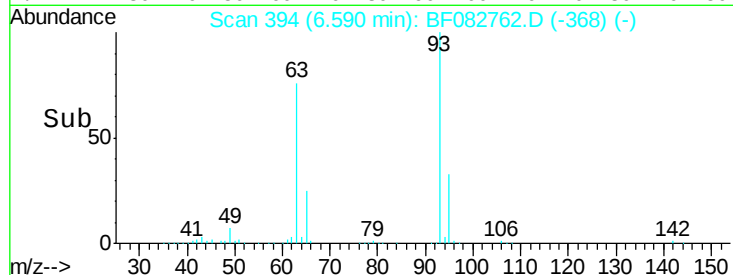
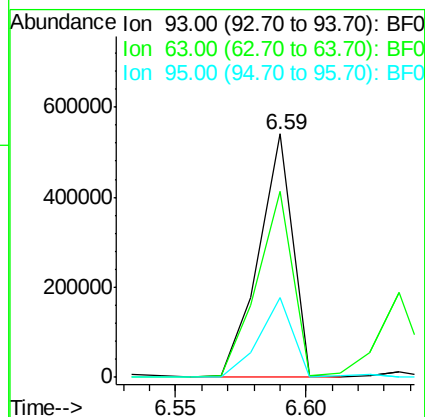
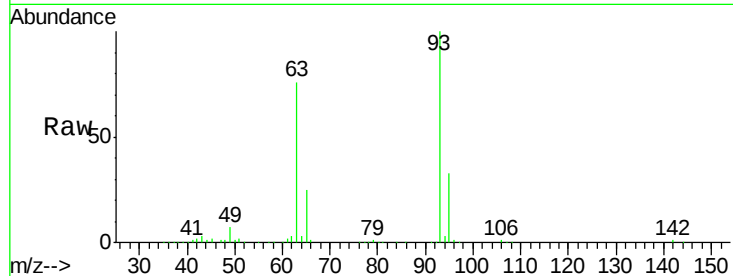
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	493089
Ion Ratio	Lower	Upper	
93	100		
63	76.3	72.7	112.7
95	32.7	12.0	52.0

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#12

1,3-Dichlorobenzene

Concen: 40.05 ng m

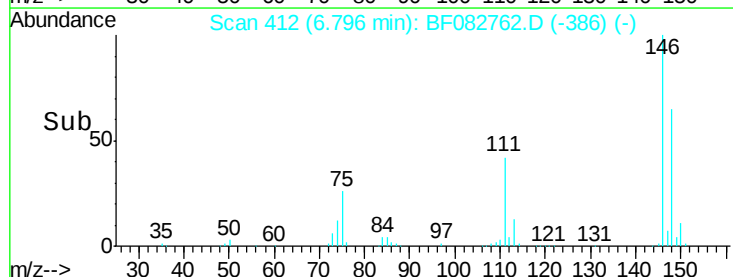
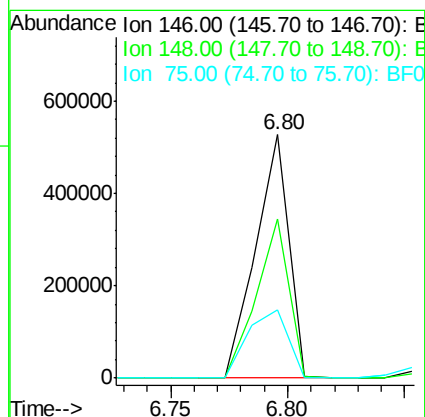
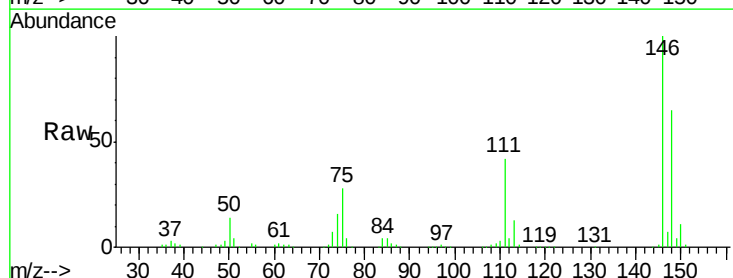
RT: 6.80 min Scan# 412

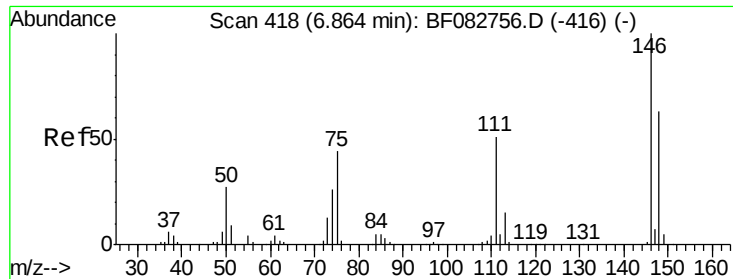
Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Tgt Ion:	146	Resp:	529745
Ion Ratio	Lower	Upper	
146	100		
148	65.2	50.5	75.7
75	27.8	39.5	59.3#





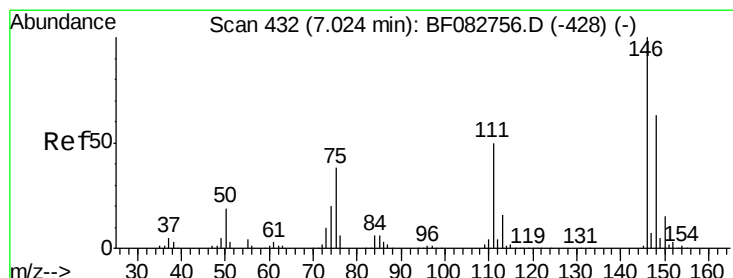
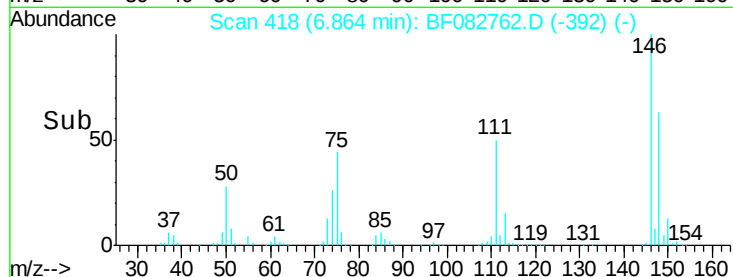
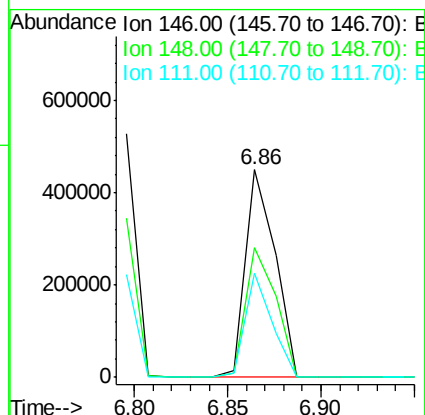
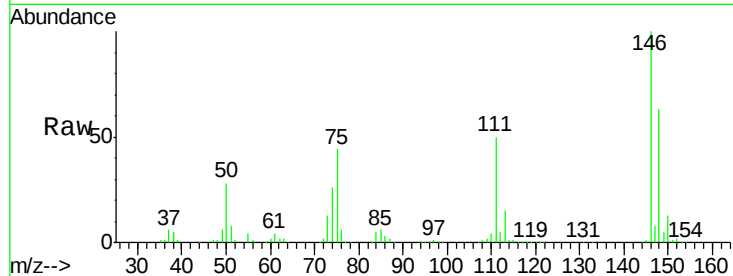
#13
 1,4-Dichlorobenzene
 Concen: 36.33 ng
 RT: 6.86 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.8	76.2
111	50.2	40.6	60.8

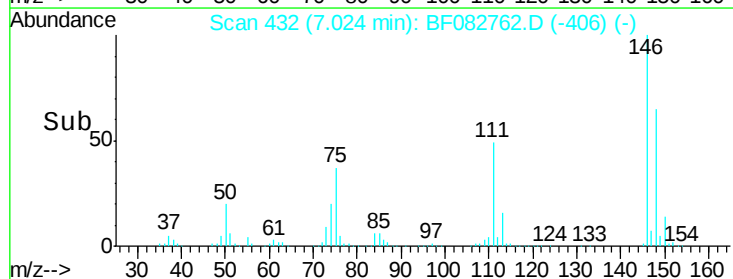
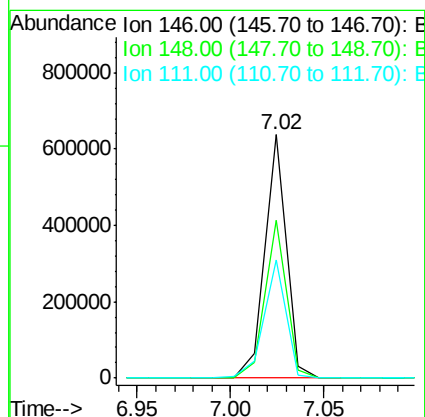
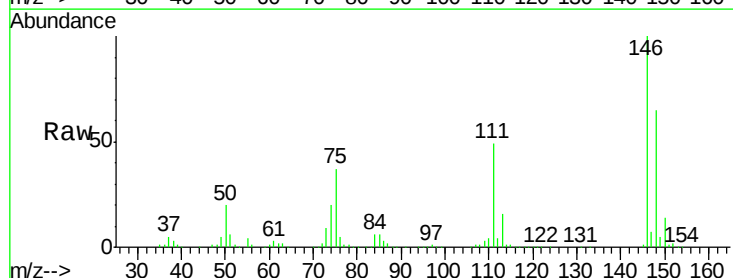
Manual Integrations
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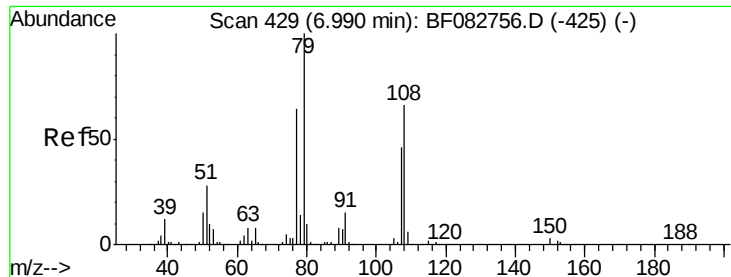
Mmdadoda
 11/9/2015 2:10:15 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.17 ng
 RT: 7.02 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.4
111	48.6	36.6	55.0





#15

Benzyl Alcohol

Concen: 36.74 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Instrument :

BNA_F

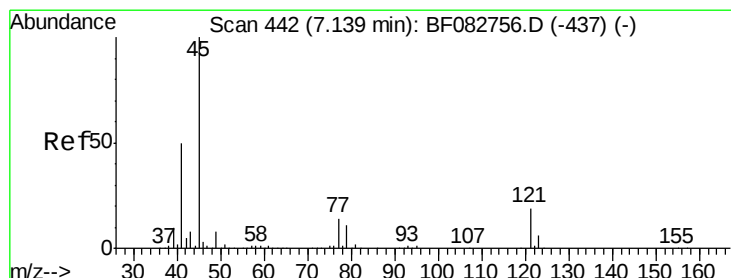
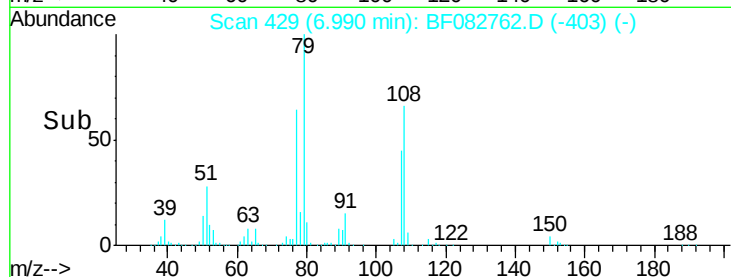
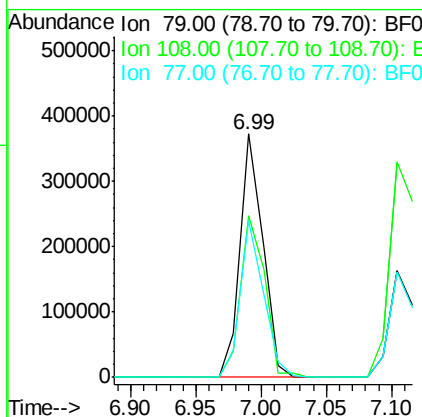
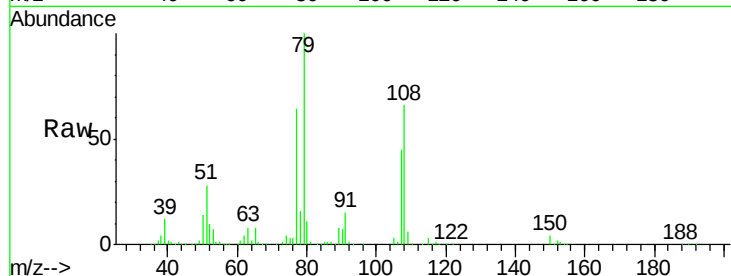
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	453856
Ion Ratio	Lower	Upper	
79	100		
108	66.3	52.2	78.4
77	64.1	52.7	79.1

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:15 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.18 ng

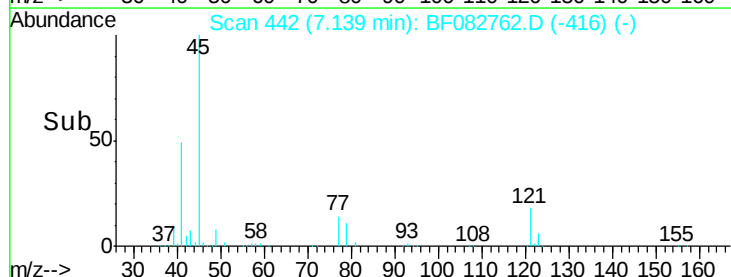
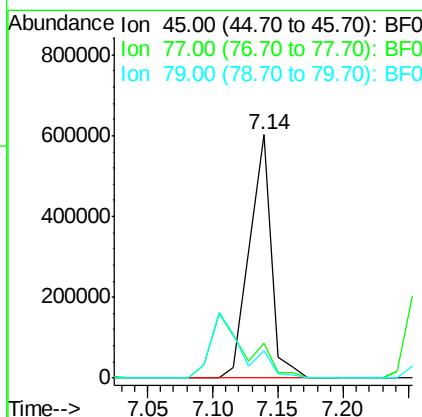
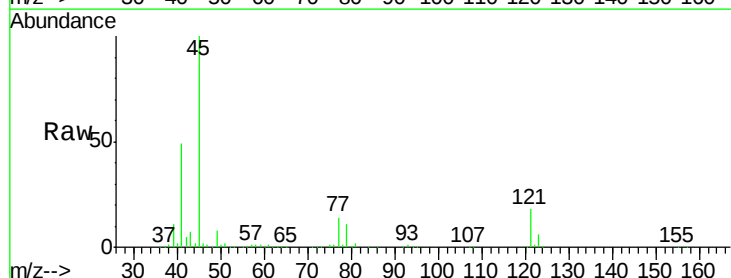
RT: 7.14 min Scan# 442

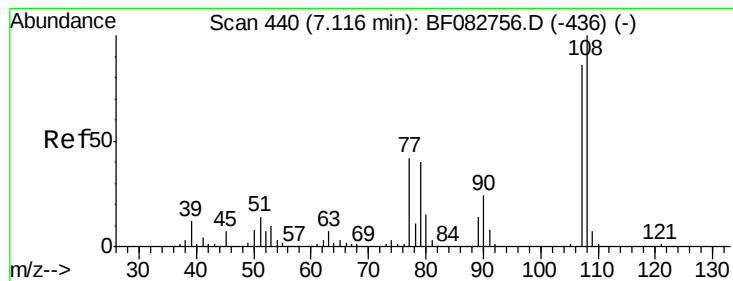
Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Tgt Ion:	45	Resp:	703450
Ion Ratio	Lower	Upper	
45	100		
77	14.3	0.0	32.6
79	11.2	0.0	29.2





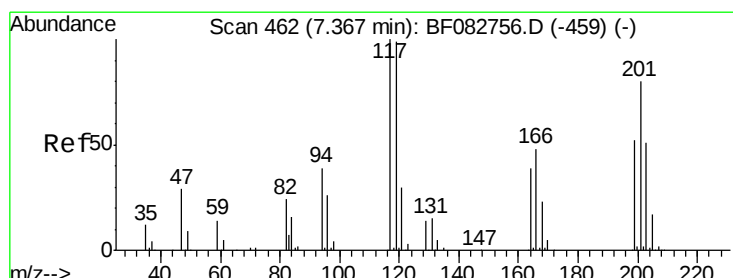
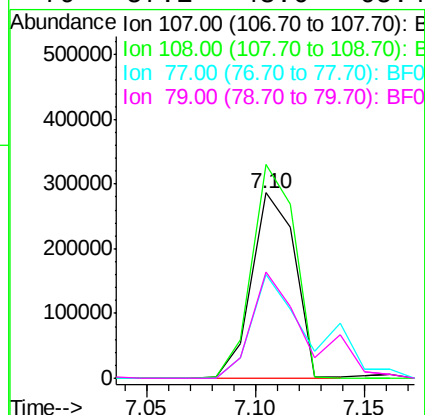
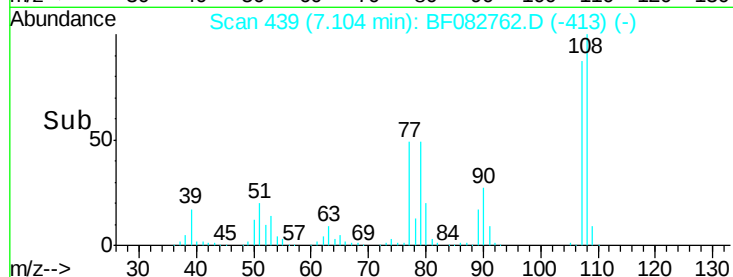
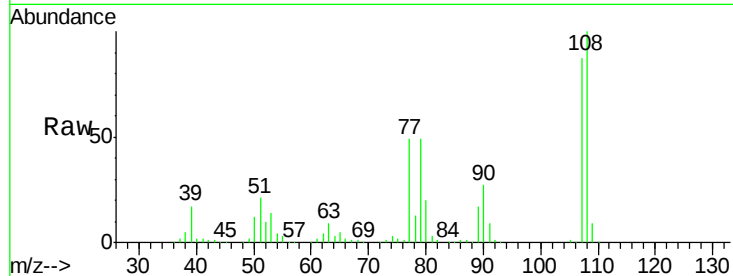
#17
2-Methylphenol
Concen: 39.90 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	396394		
108	108.00	115.4	93.0	139.4	
77	77.00	56.1	44.1	66.1	
79	79.00	57.1	43.6	65.4	

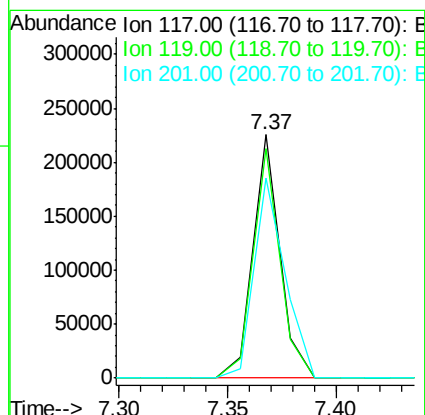
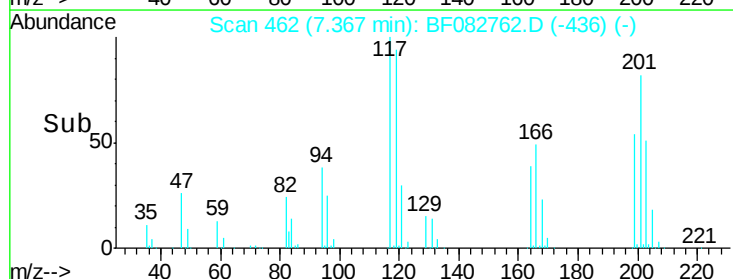
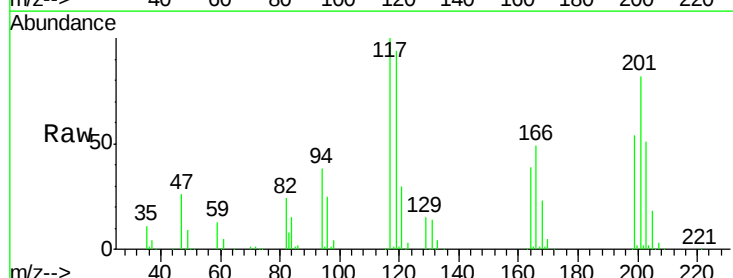
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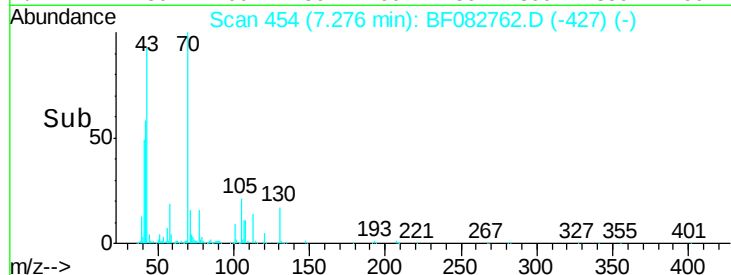
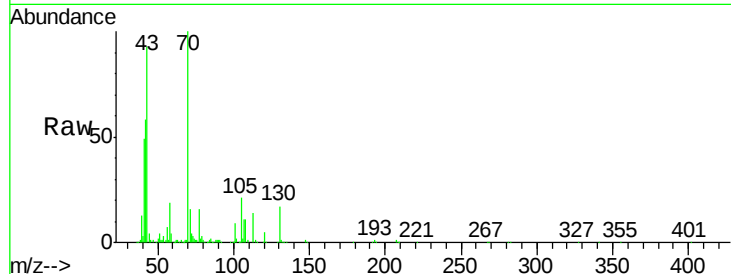
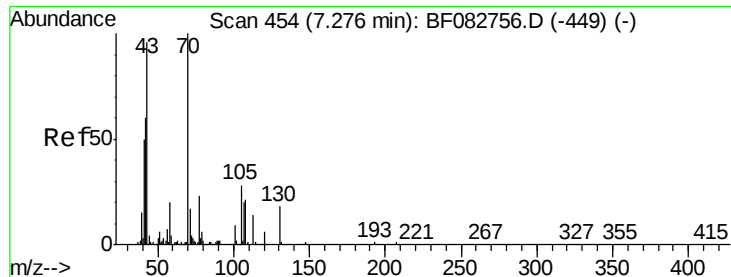
Mmdadoda
11/9/2015 2:10:15 PM



#18
Hexachloroethane
Concen: 39.22 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	193059		
119	119.00	94.4	77.7	116.5	
201	201.00	82.4	66.7	100.1	





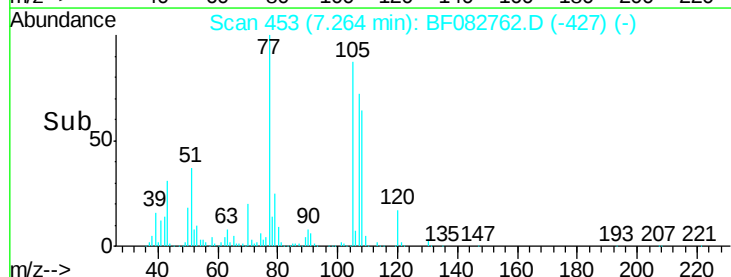
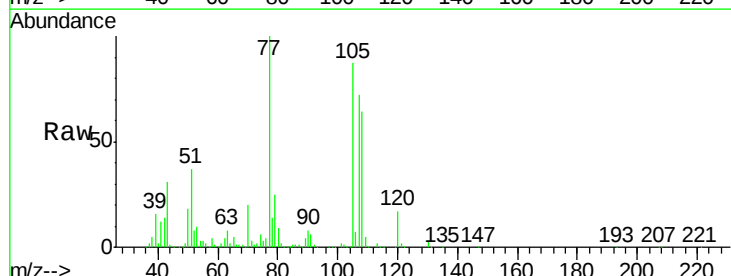
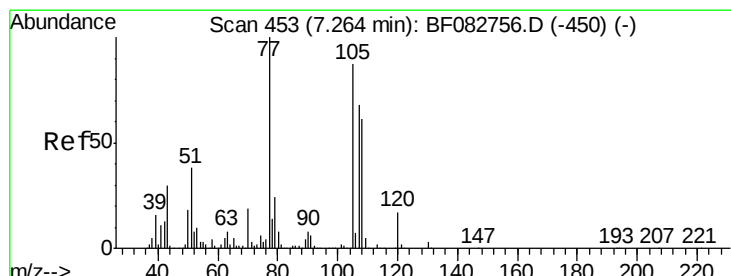
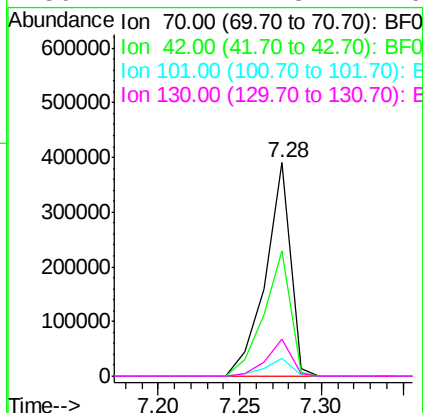
#19
n-Nitroso-di-n-propylamine
Concen: 40.36 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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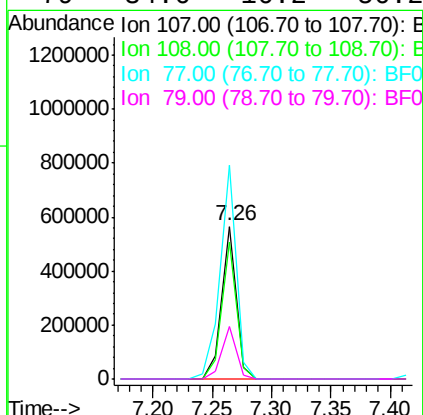
Mmdadoda
11/9/2015 2:10:15 PM

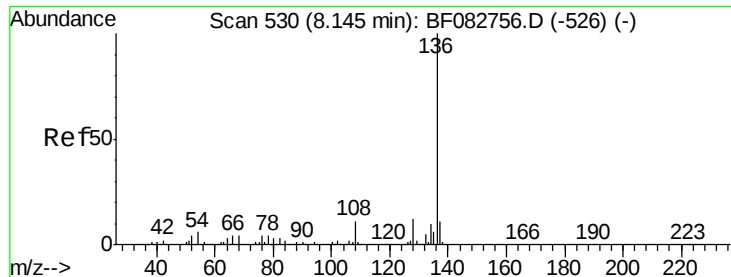
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.5	57.7	86.5	
101	8.7	7.0	10.6	
130	17.2	11.8	17.6	



#20
3+4-Methylphenols
Concen: 37.10 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.8	67.3	107.3	
77	139.7	100.3	140.3	
79	34.6	16.2	56.2	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Instrument :

BNA_F

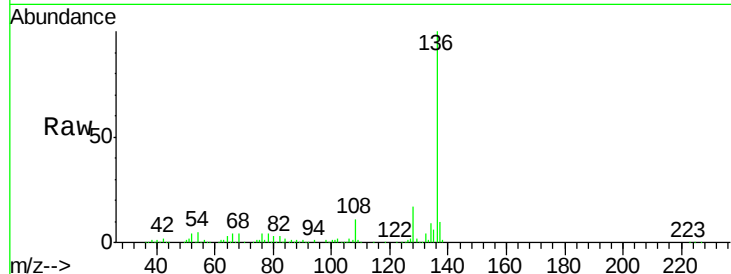
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	621044		
137	10.3	9.1	13.7	
54	5.3	9.1	13.7	
68	3.7	4.8	7.2	

Manual Integrations
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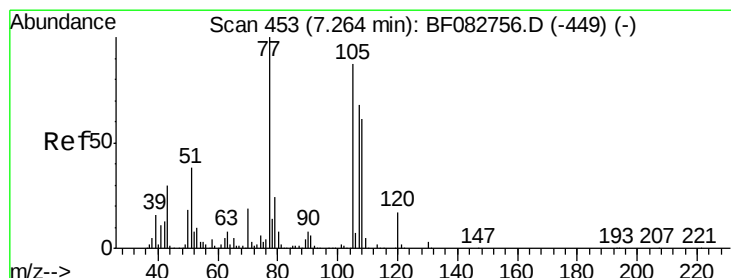
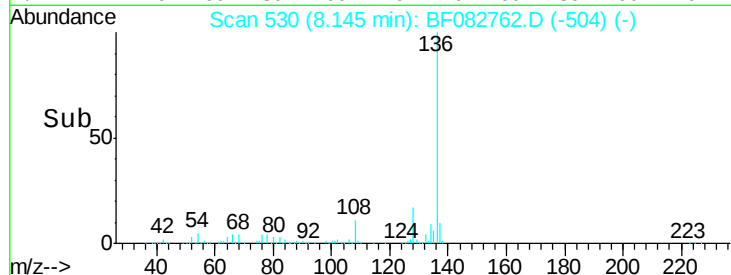
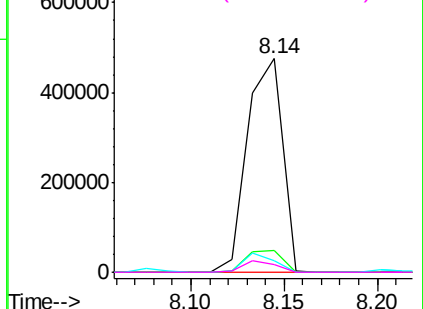


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.61 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

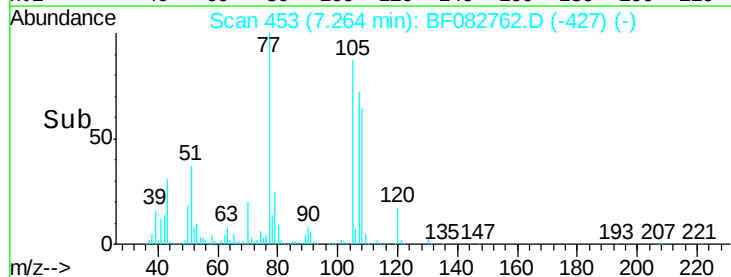
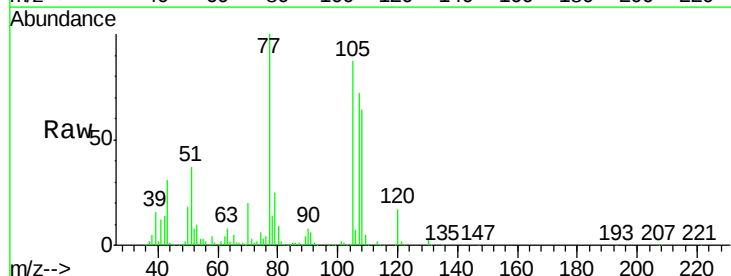
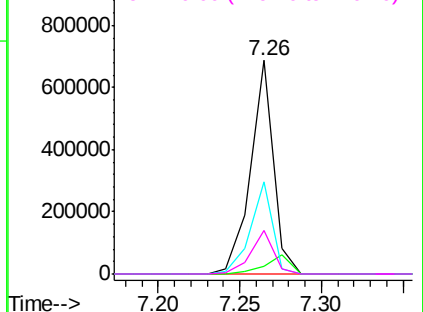
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	669323		
71	3.8	5.6	8.4	
51	43.1	24.9	37.3	
120	20.1	15.8	23.8	

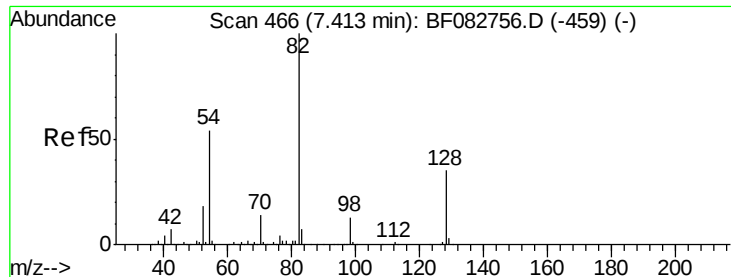
Abundance Ion 105.00 (104.70 to 105.70): E

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





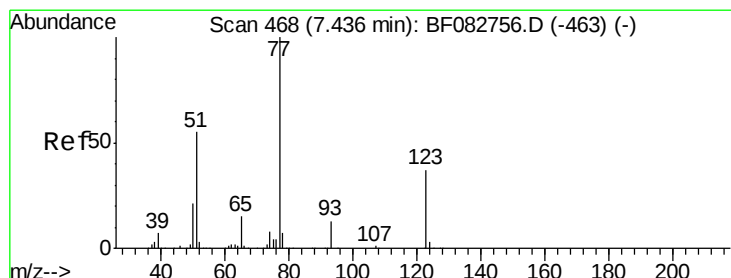
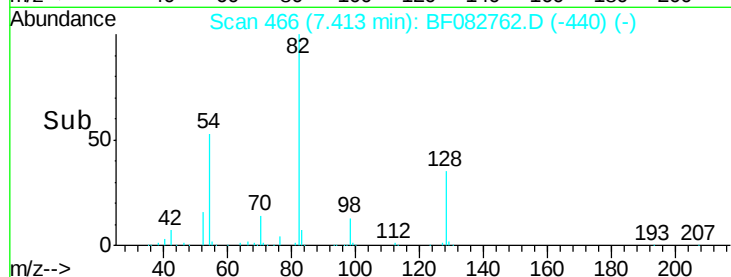
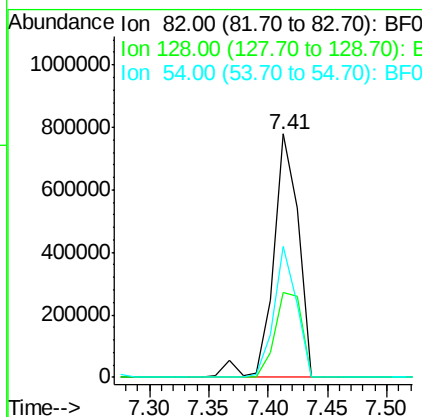
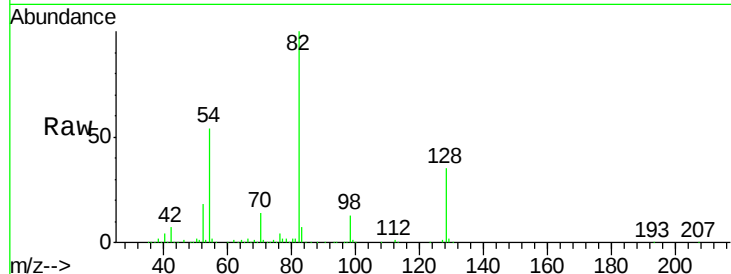
#23
 Nitrobenzene-d5
 Concen: 79.24 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.8	26.8	40.2
54	53.8	45.7	68.5

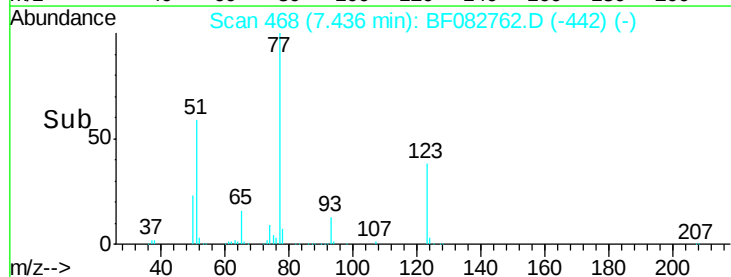
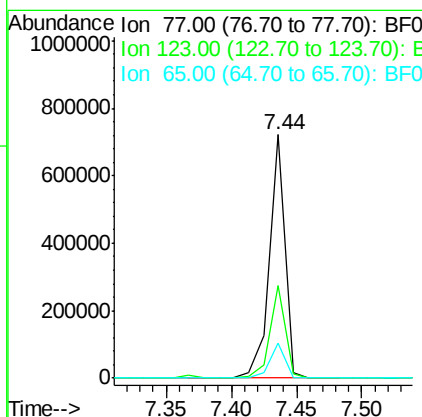
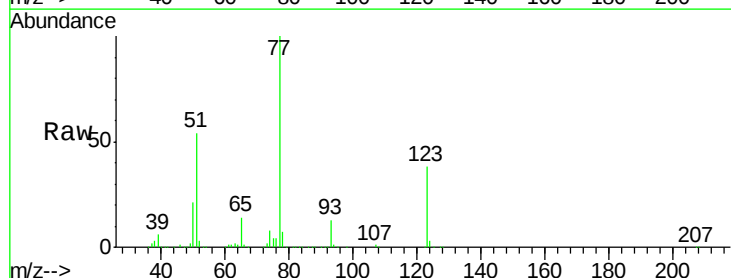
Manual Integrations
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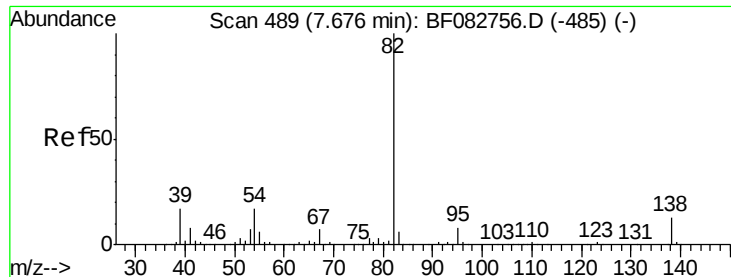
Mmdadoda
 11/9/2015 2:10:15 PM



#24
 Nitrobenzene
 Concen: 41.56 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.1	36.4	54.6
65	14.5	11.5	17.3





#25

Isophorone

Concen: 39.16 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1034160

Ion Ratio Lower Upper

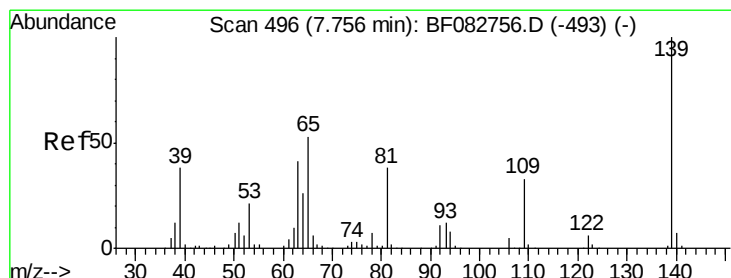
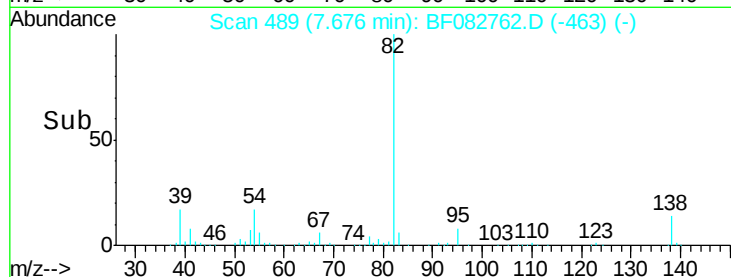
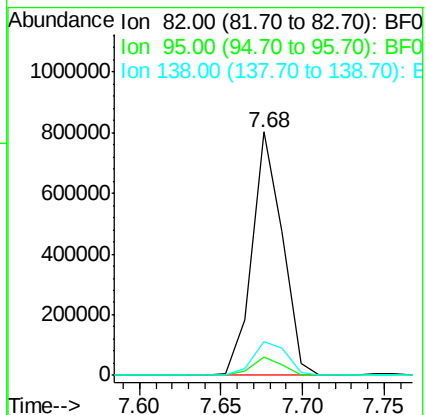
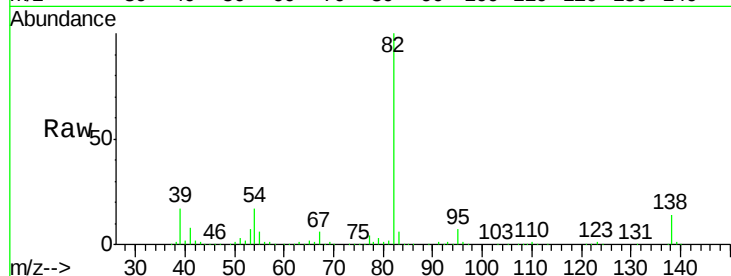
82 100

95 7.5 6.6 9.8

138 13.6 11.4 17.0

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:15 PM



#26

2-Nitrophenol

Concen: 43.69 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

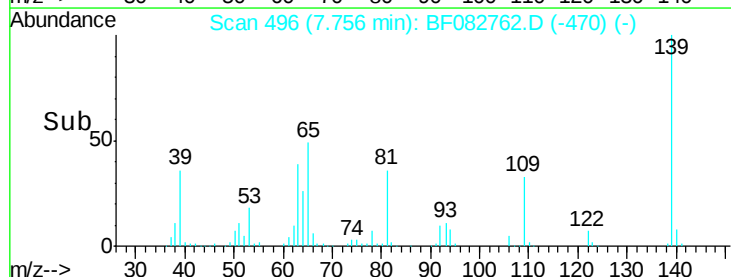
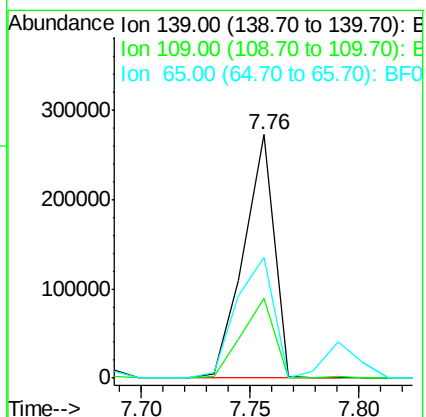
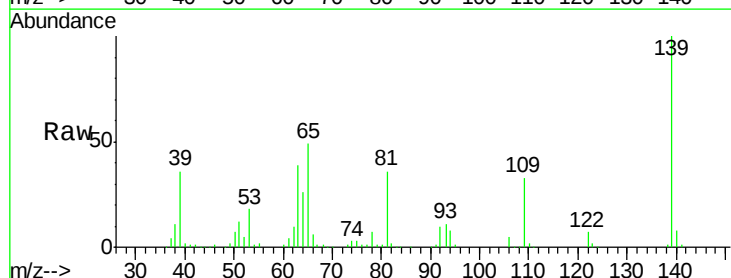
Tgt Ion: 139 Resp: 266152

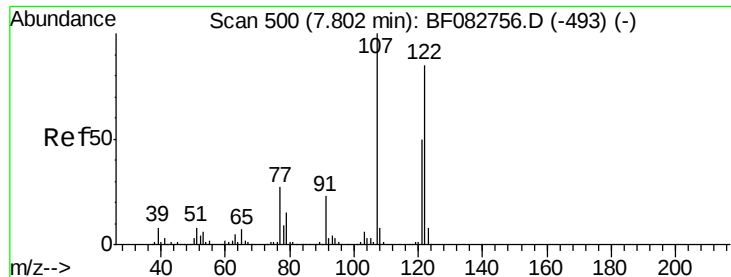
Ion Ratio Lower Upper

139 100

109 32.7 37.6 56.4#

65 49.3 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 37.79 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Instrument :

BNA_F

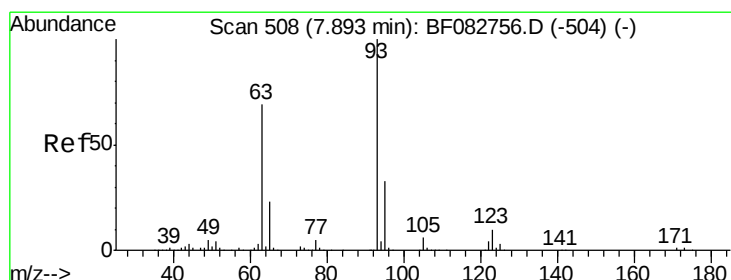
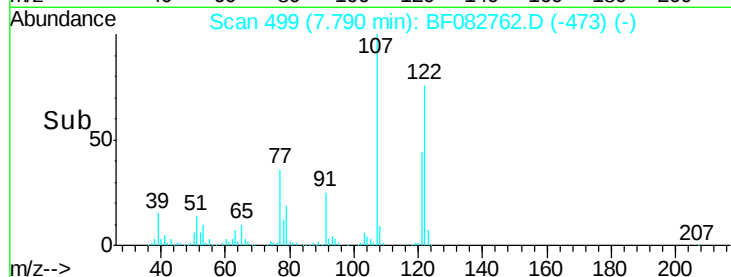
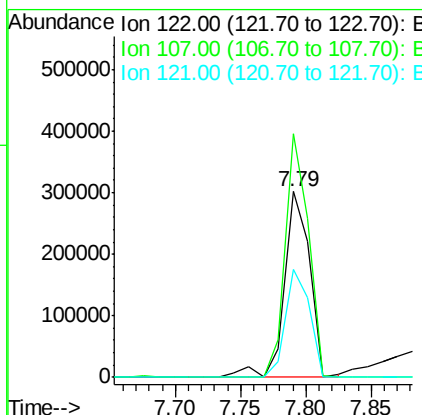
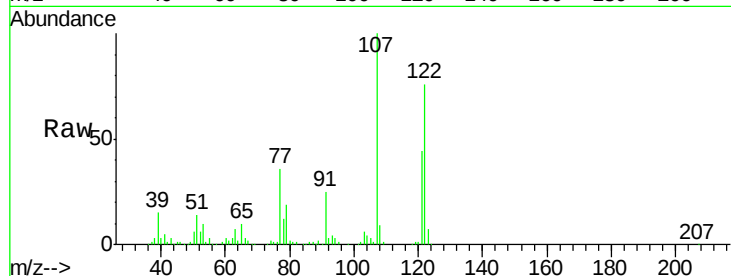
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	413690
Ion Ratio	Lower	Upper	
122	100		
107	131.1	106.0	159.0
121	58.0	46.7	70.1

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#28

bis(2-Chloroethoxy)methane

Concen: 42.96 ng

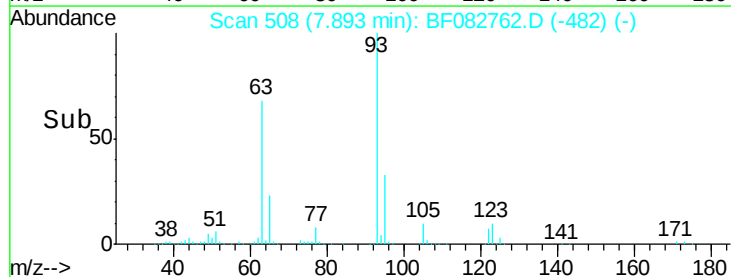
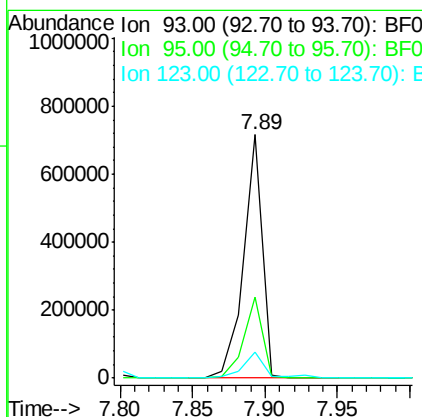
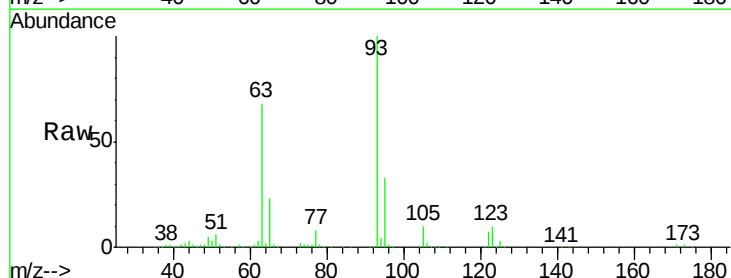
RT: 7.89 min Scan# 508

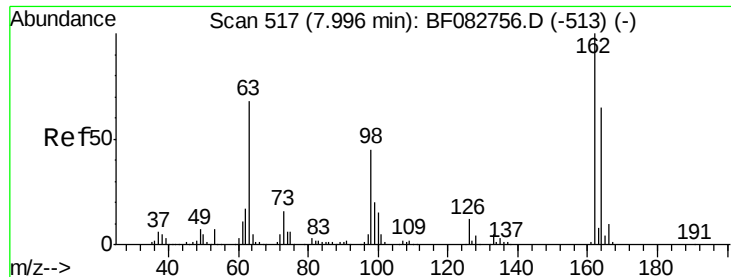
Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Tgt Ion:	93	Resp:	639999
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.6	40.0
123	10.5	9.7	14.5





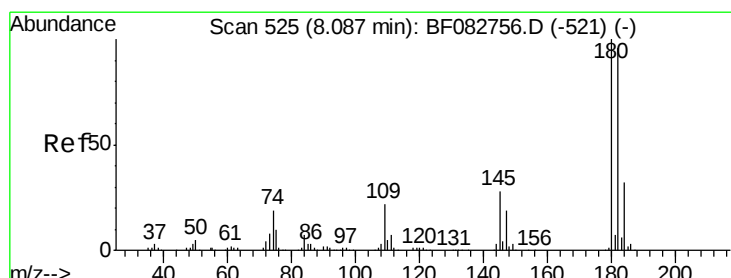
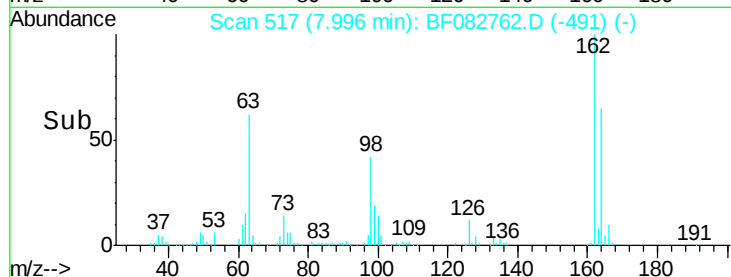
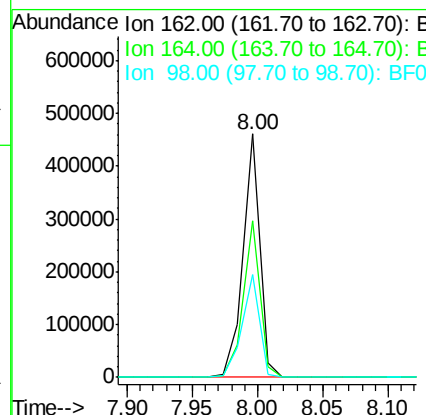
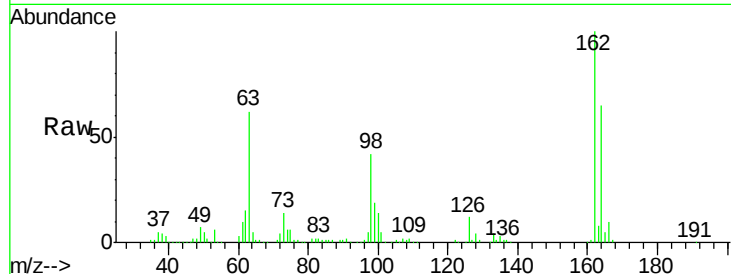
#29
2,4-Dichlorophenol
Concen: 41.24 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.6	46.8	86.8
98	42.1	12.5	52.5

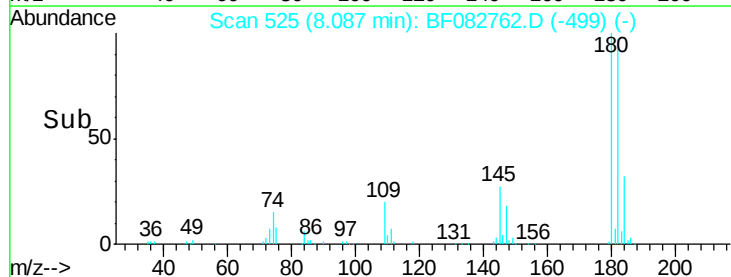
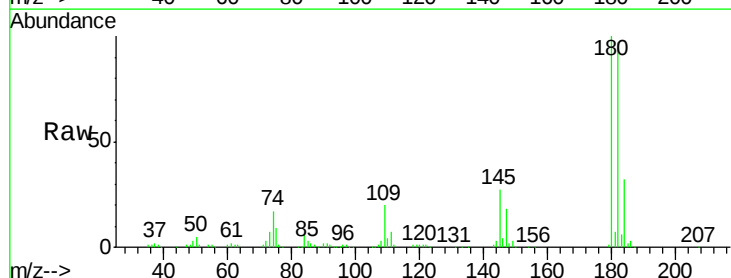
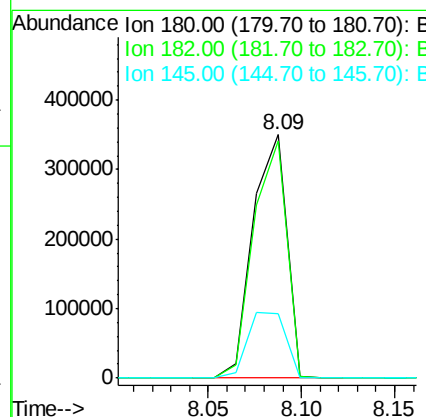
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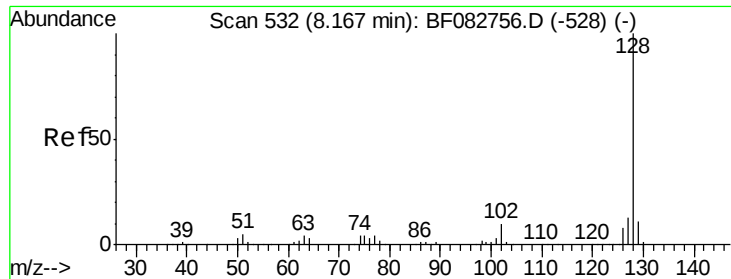
Mmdadoda
11/9/2015 2:10:15 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.33 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.4	74.9	112.3
145	26.5	27.8	41.8#





#31

Naphthalene

Concen: 37.43 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1282637

Ion Ratio Lower Upper

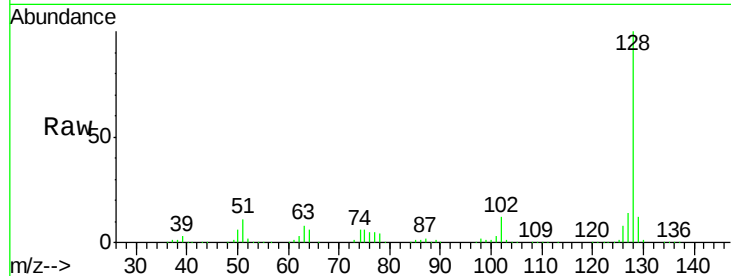
128 100

129 11.9 9.5 14.3

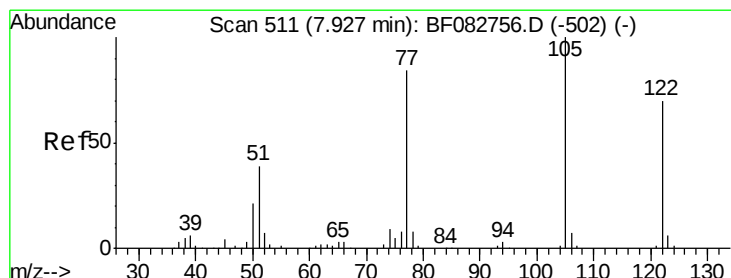
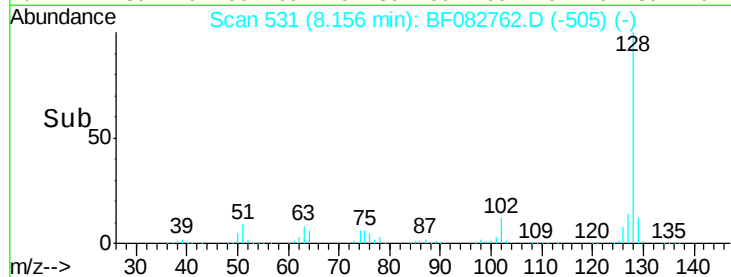
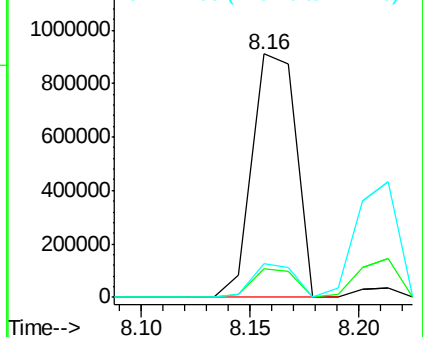
127 13.9 11.4 17.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.67 ng

RT: 7.93 min Scan# 511

Delta R.T. 0.02 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

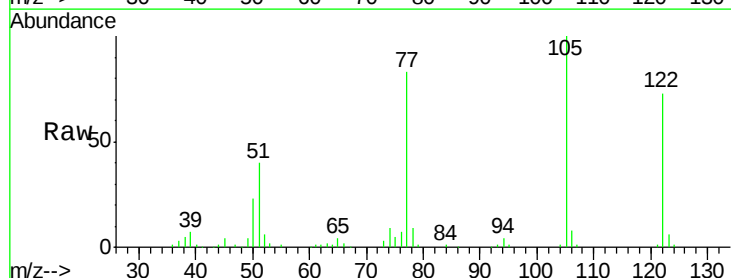
Tgt Ion:122 Resp: 312288

Ion Ratio Lower Upper

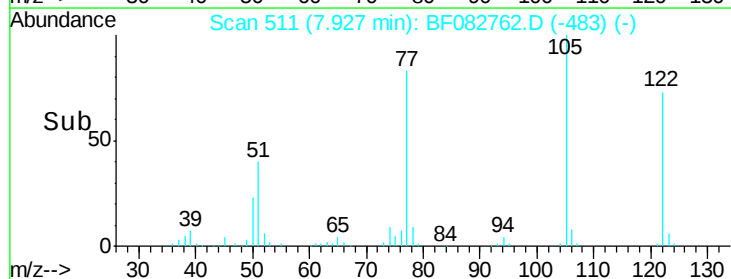
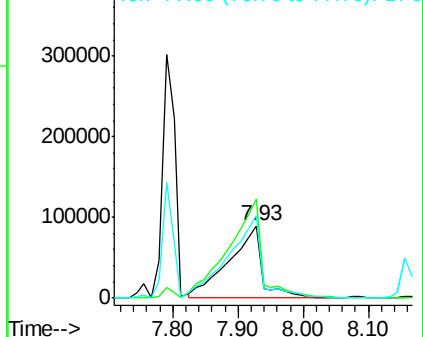
122 100

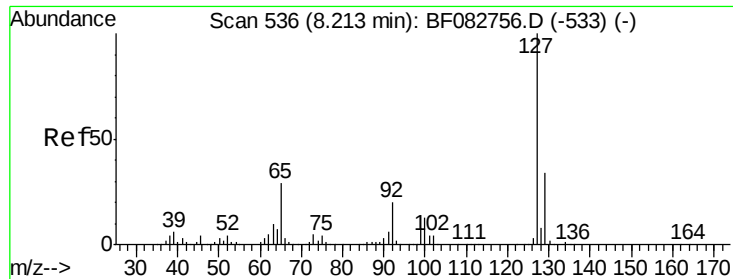
105 136.3 122.6 162.6

77 113.7 100.9 140.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





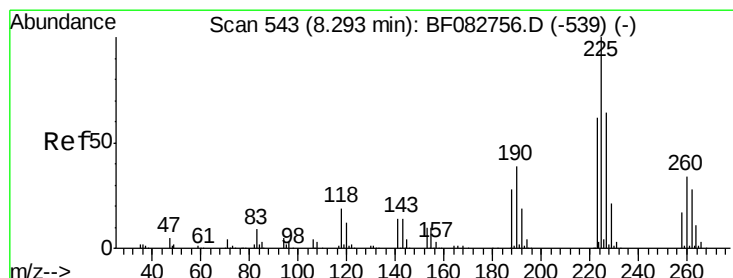
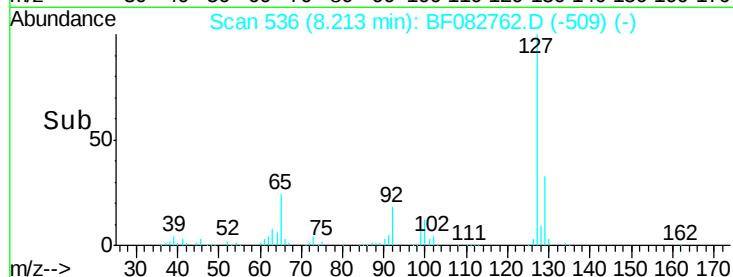
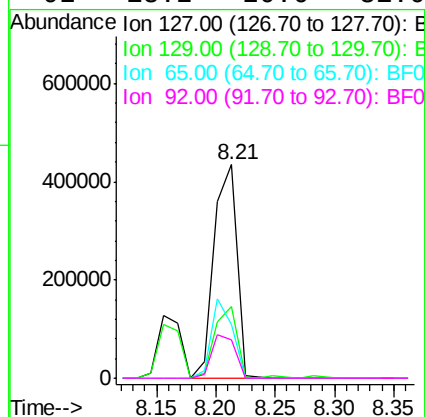
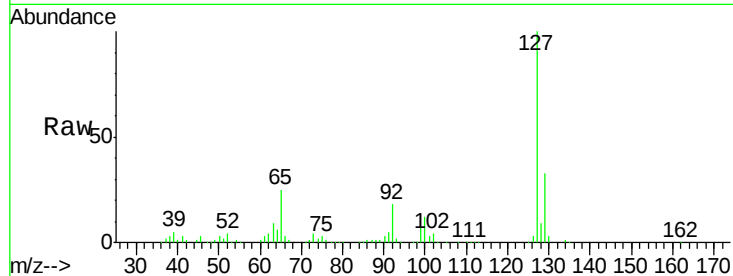
#33
4-Chloroaniline
Concen: 38.90 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	26.3	39.5		
65	25.3	37.8	56.8		
92	18.2	20.6	31.0		

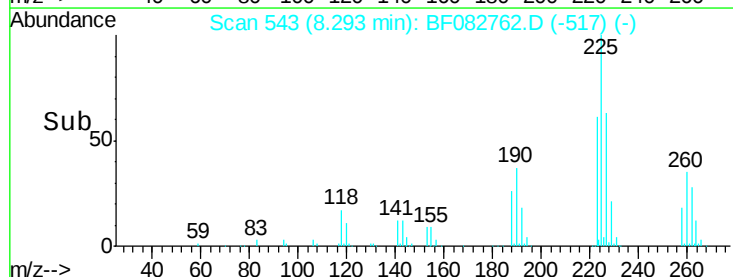
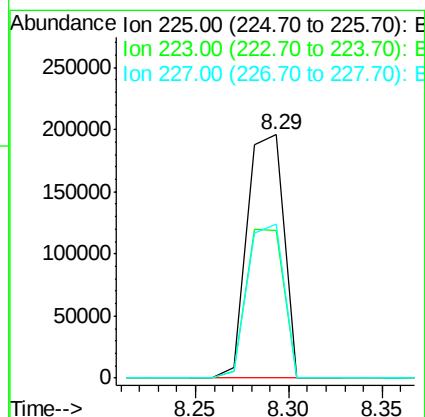
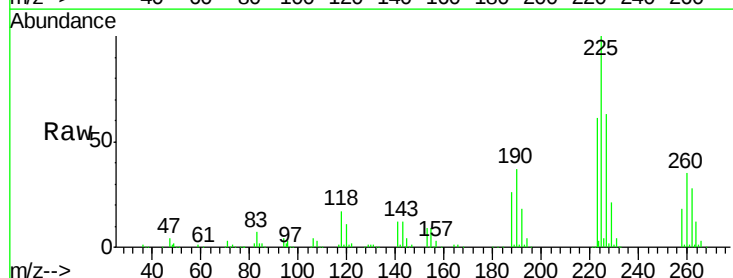
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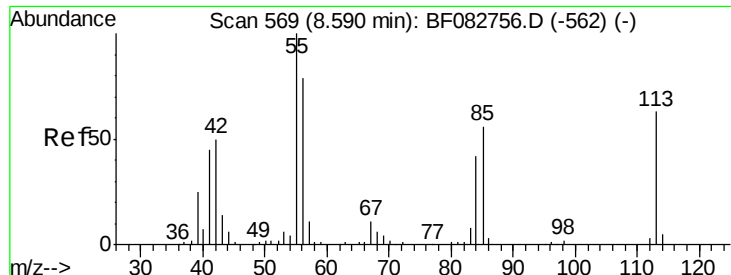
Mmdadoda
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#34
Hexachlorobutadiene
Concen: 38.67 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.8	50.5	75.7		
227	63.1	50.2	75.2		





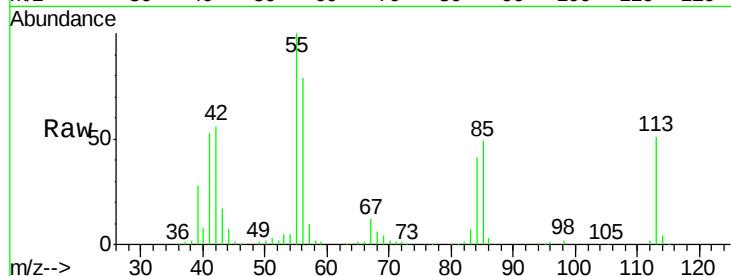
#35
Caprolactam
Concen: 40.41 ng
RT: 8.58 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

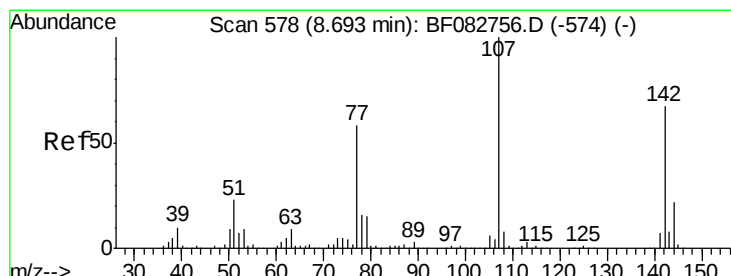
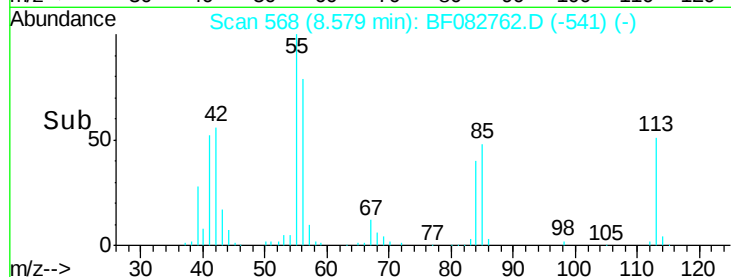
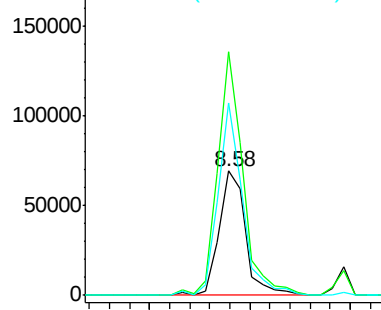
Tot Ion	Ratio	Lower	Upper
113	100		
55	195.8	195.5	235.5
56	154.9	153.5	193.5

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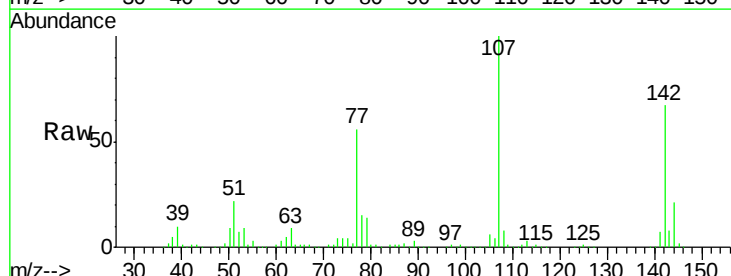


Abundance Ion 113.00 (112.70 to 113.70): E

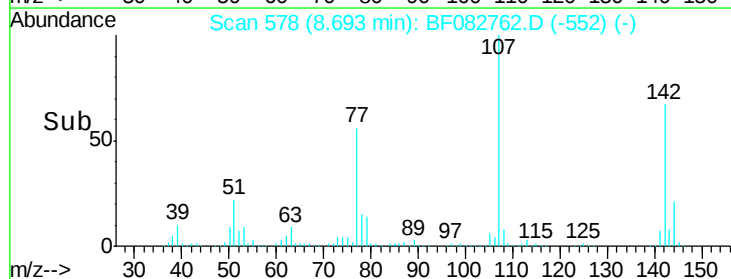
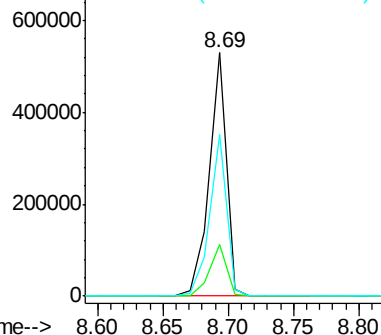


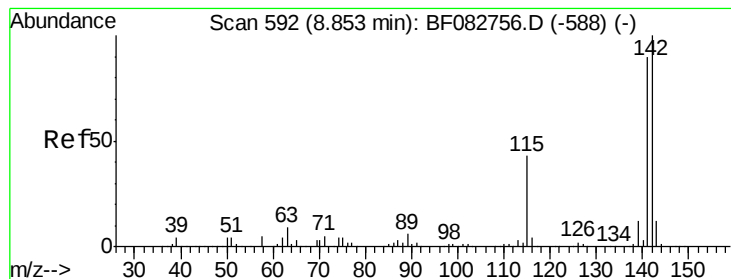
#36
4-Chloro-3-methylphenol
Concen: 41.21 ng
RT: 8.69 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.4	15.4	23.0
142	66.6	47.8	71.8



Abundance Ion 107.00 (106.70 to 107.70): E





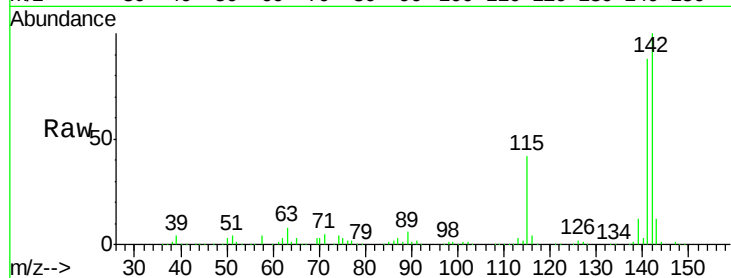
#37
2-Methylnaphthalene
Concen: 40.91 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

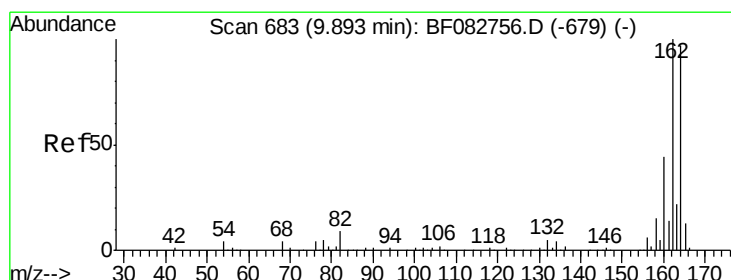
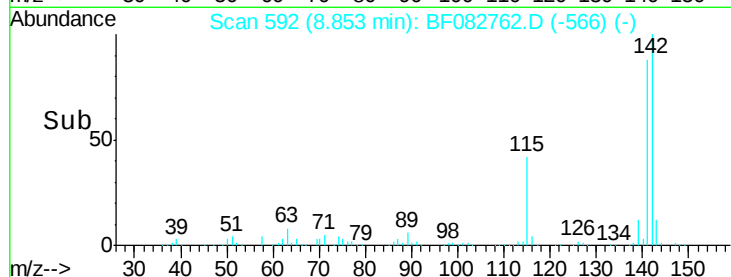
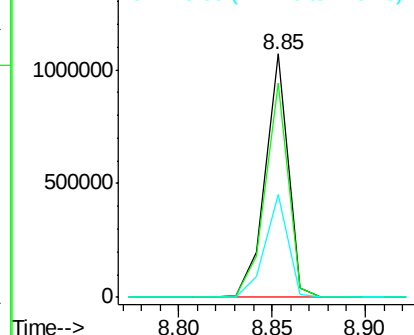
Tot Ion	Ratio	Resp	Lower	Upper
142	100	906905		
141	87.7	72.3	108.5	
115	42.3	38.1	57.1	

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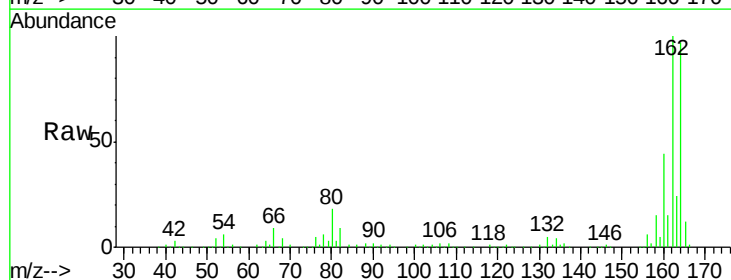


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

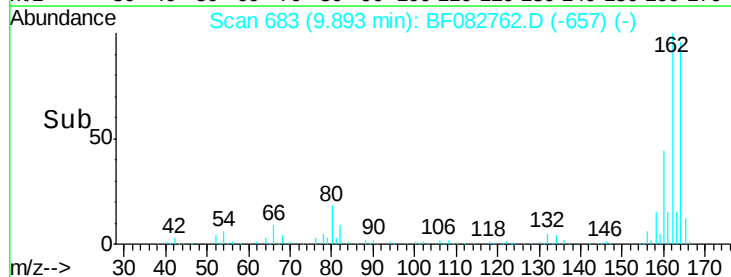
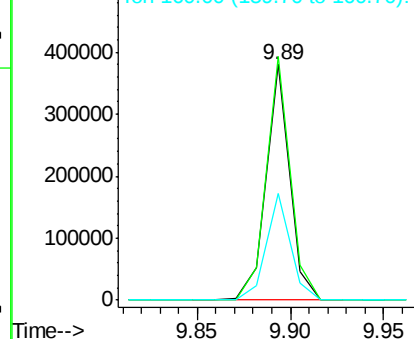


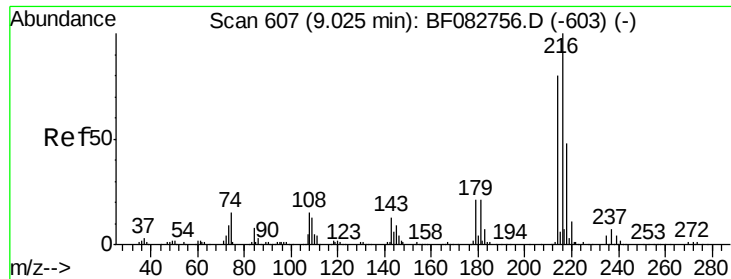
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	329855		
162	103.2	84.9	127.3	
160	45.2	37.5	56.3	



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.09 ng

RT: 9.02 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Instrument :

BNA_F

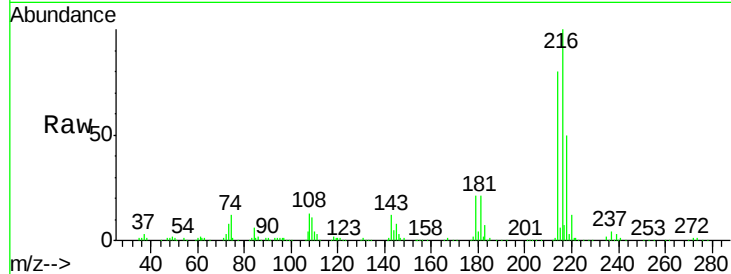
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		456195		
214	80.6		62.2	93.2	
179	22.1		18.1	27.1	
108	19.2		16.6	25.0	

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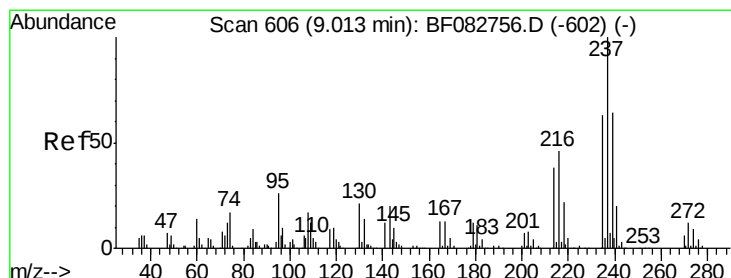
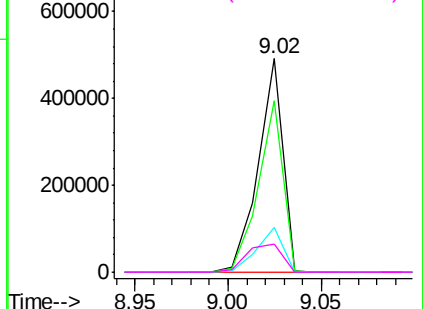
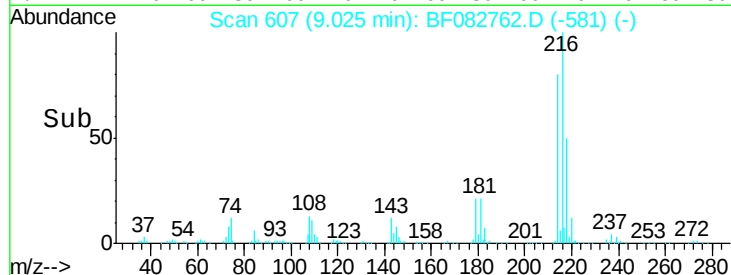


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 44.06 ng

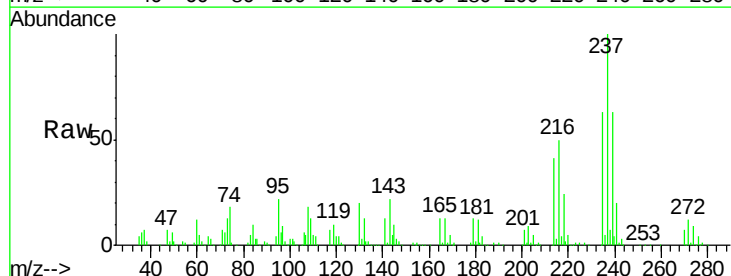
RT: 9.01 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

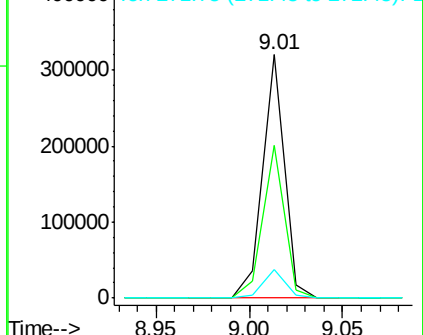
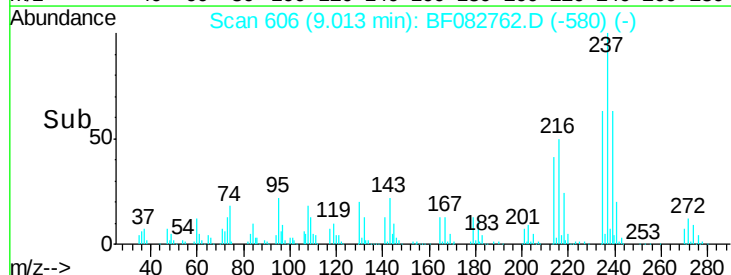
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		256590		
235	62.6		44.3	84.3	
272	11.8		0.0	31.9	

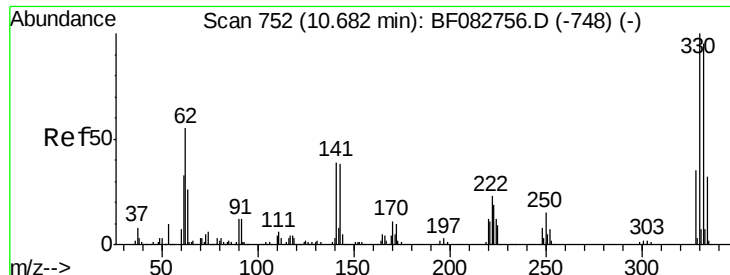


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





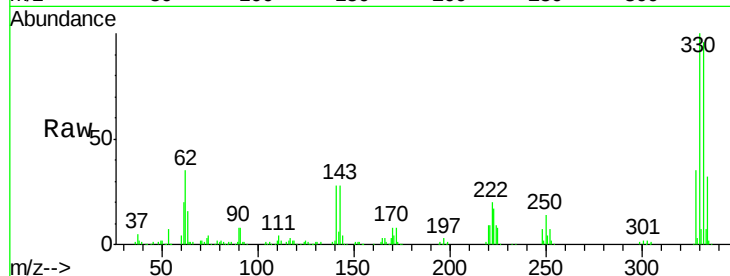
#41
 2,4,6-Tribromophenol
 Concen: 83.11 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

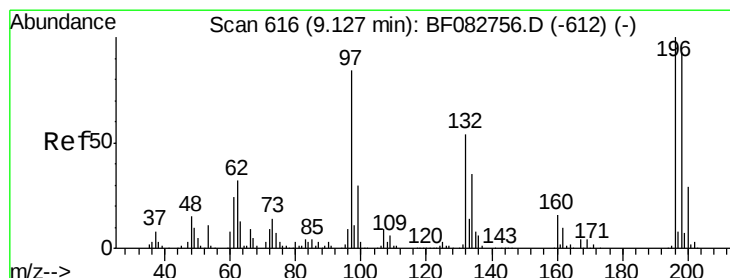
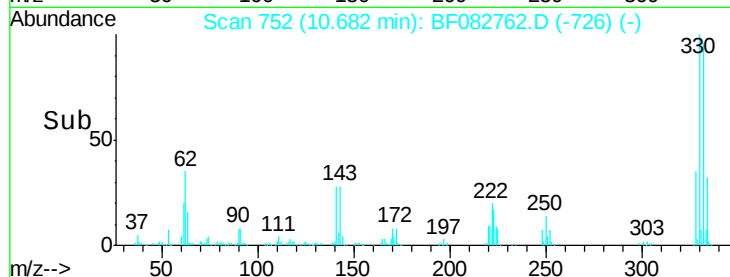
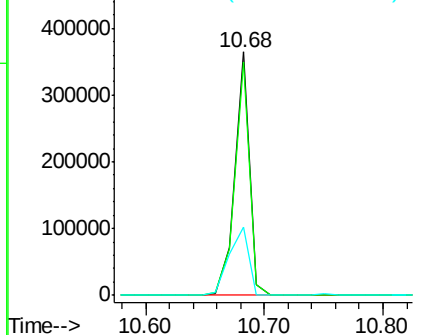
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	76.6	114.8	
141	37.1	41.2	61.8	

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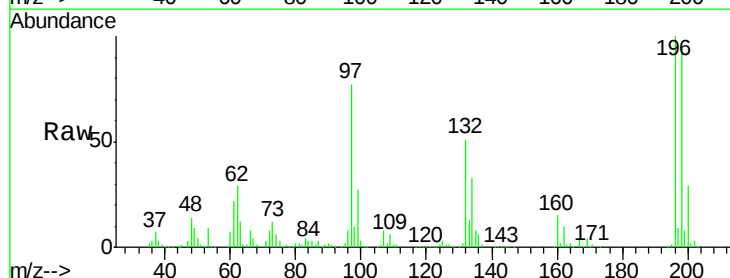


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

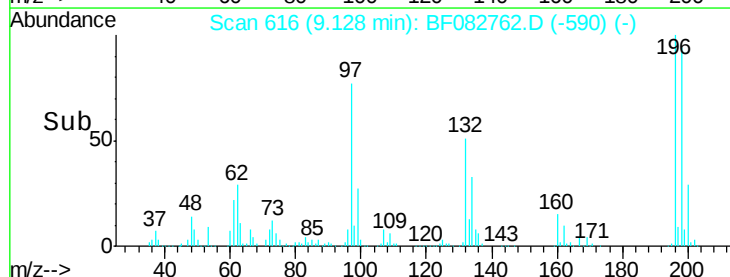
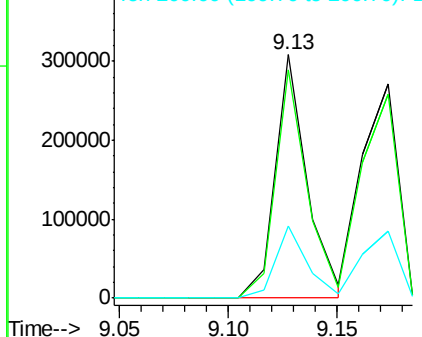


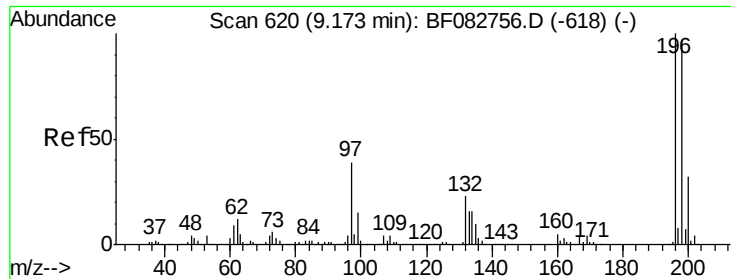
#42
 2,4,6-Trichlorophenol
 Concen: 38.96 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.9	76.3	114.5	
200	29.4	23.9	35.9	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





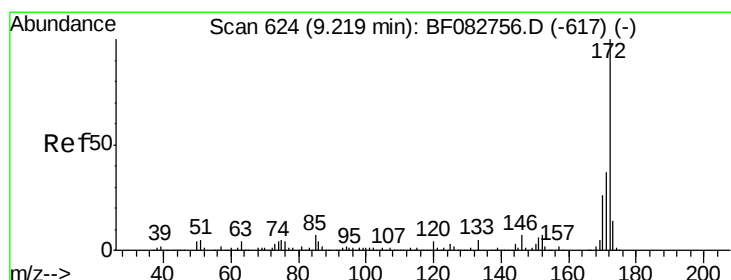
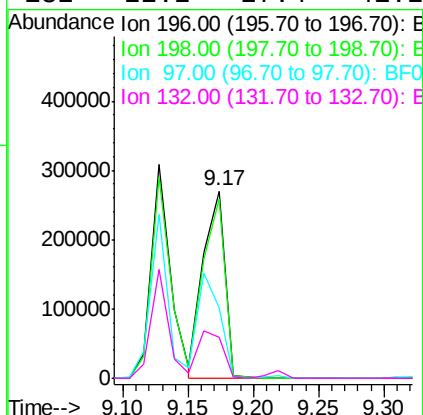
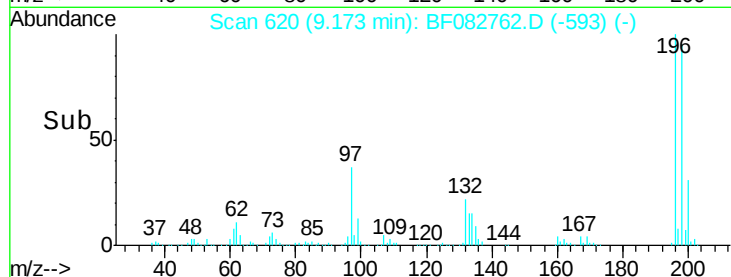
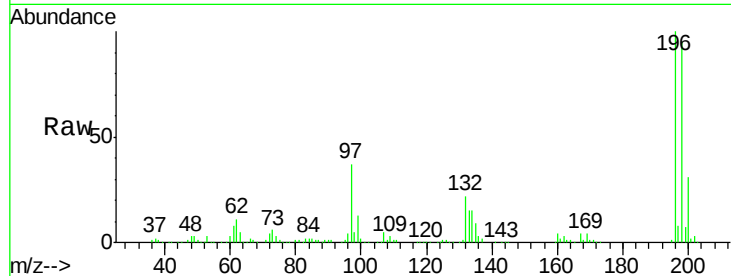
#43
 2,4,5-Trichlorophenol
 Concen: 39.39 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	315248		
198	95.4	75.8	113.8	
97	37.2	62.3	93.5	
132	22.2	27.4	41.2	

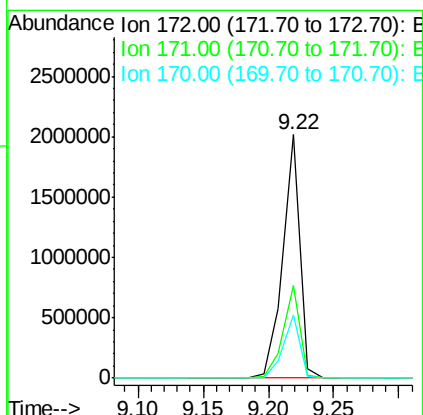
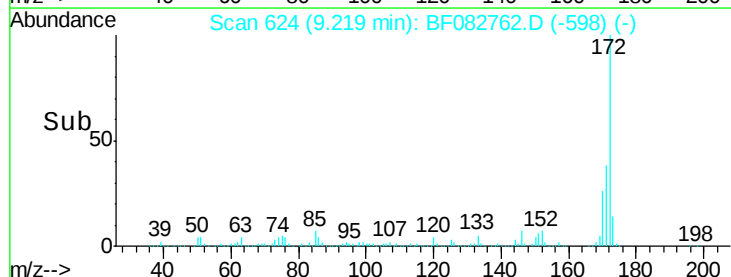
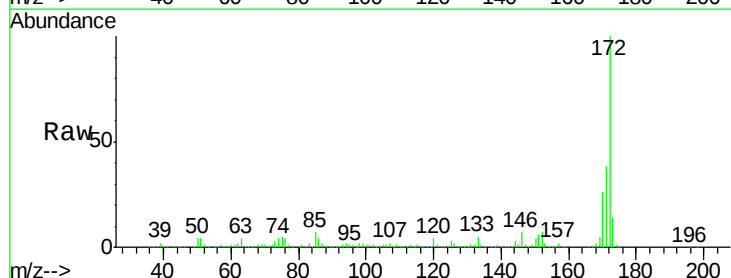
Manual Integrations
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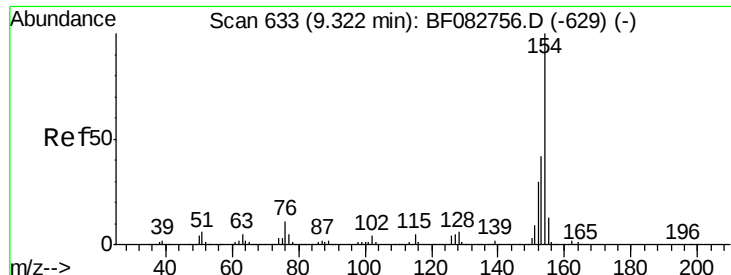
Mmdadoda
 11/9/2015 2:10:15 PM



#44
 2-Fluorobiphenyl
 Concen: 80.65 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1856165		
171	38.0	30.8	46.2	
170	25.9	21.2	31.8	





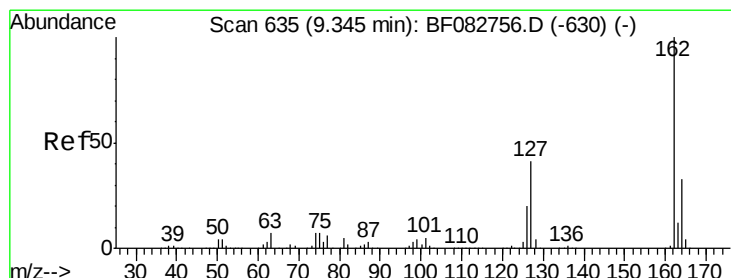
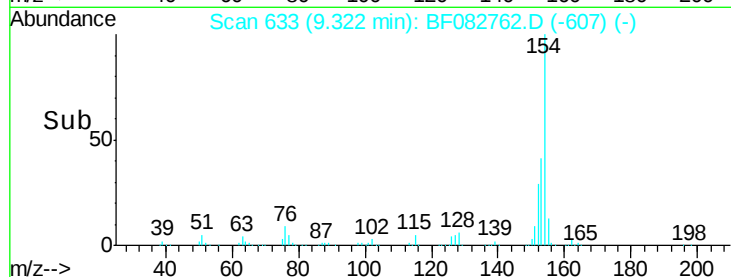
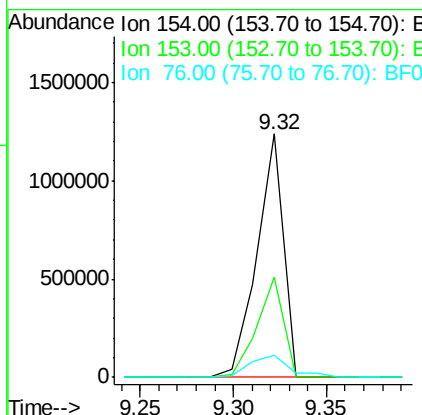
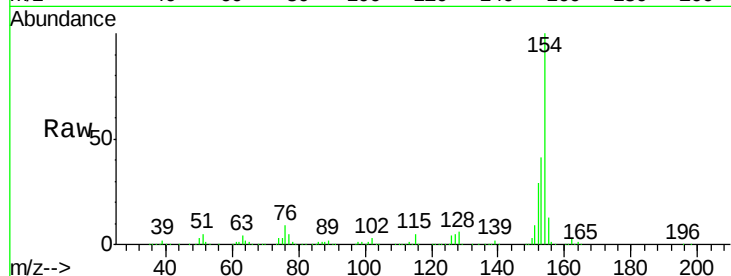
#45
 1,1'-Biphenyl
 Concen: 42.53 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.0	62.0
76	9.1	0.0	29.0

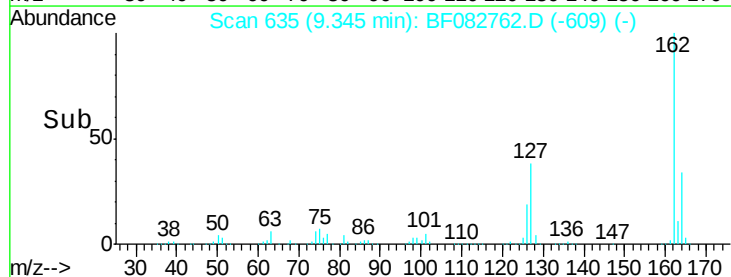
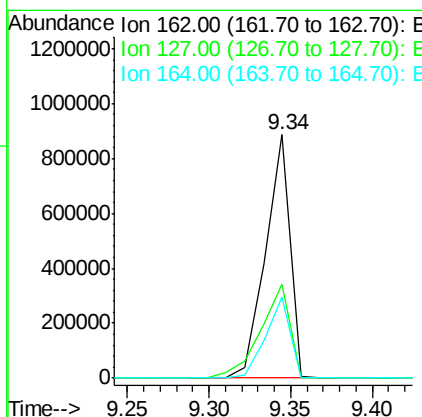
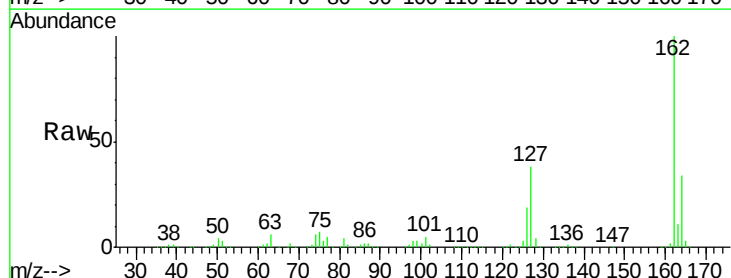
Manual Integrations
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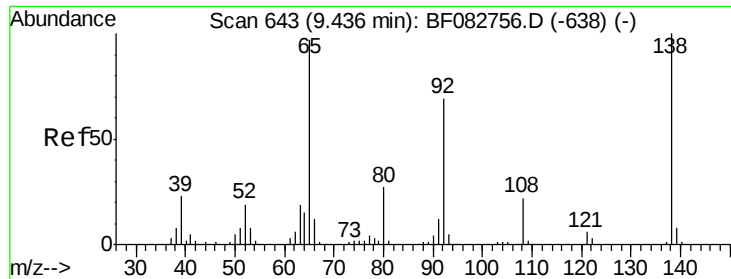
Mmdadoda
 11/9/2015 2:10:15 PM



#46
 2-Chloronaphthalene
 Concen: 41.84 ng
 RT: 9.34 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.4	32.7	49.1
164	33.5	27.4	41.0





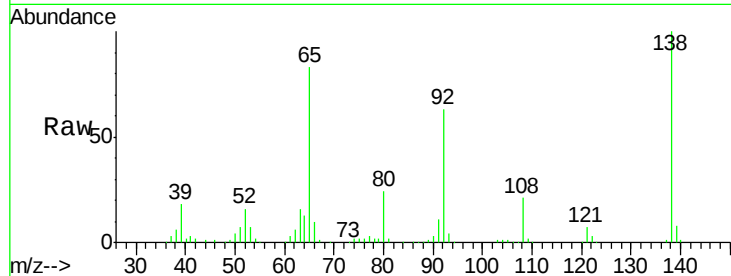
#47
2-Nitroaniline
Concen: 40.89 ng
RT: 9.44 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

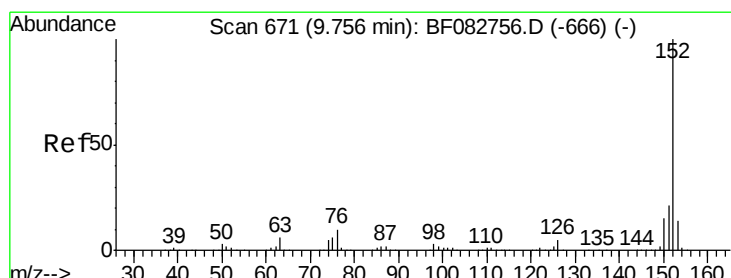
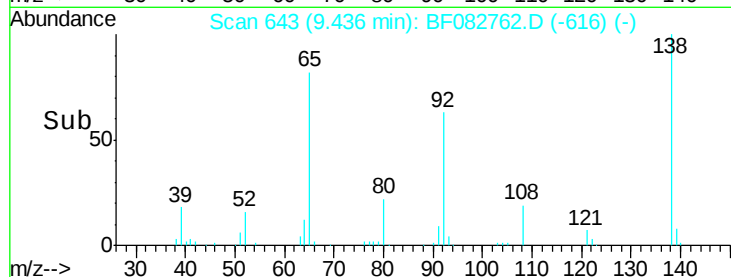
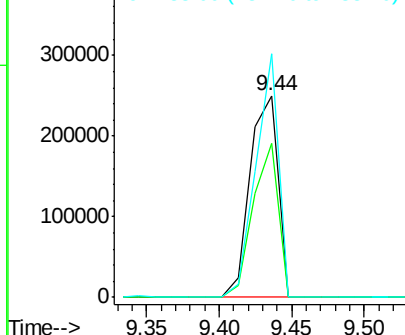
Tot Ion	Ratio	Lower	Upper
65	100		
92	76.2	46.6	70.0#
138	120.7	54.6	81.8#

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Mmdadoda
11/9/2015 2:10:15 PM

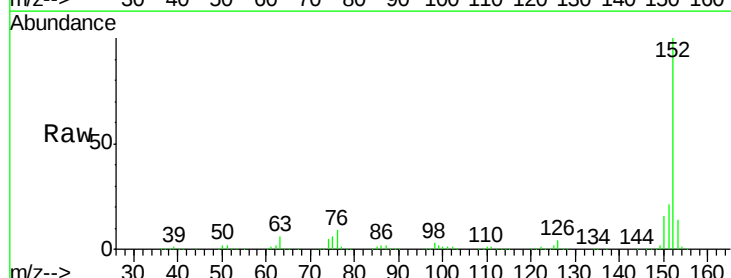


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

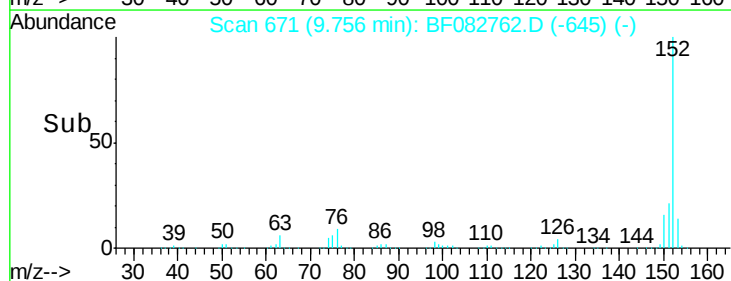
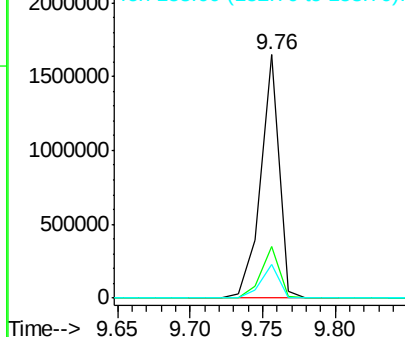


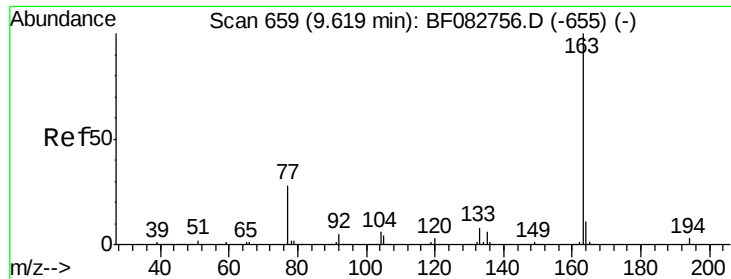
#48
Acenaphthylene
Concen: 42.04 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.3	25.9
153	14.1	11.3	16.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





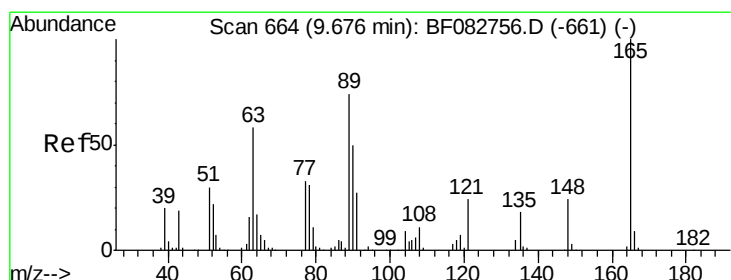
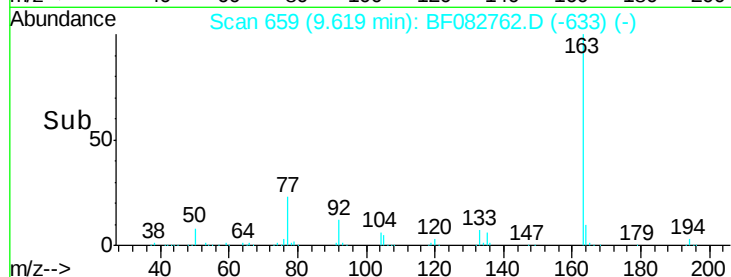
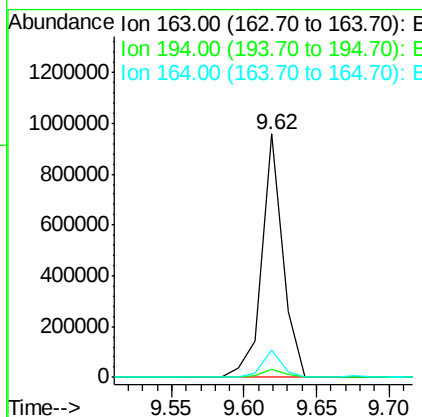
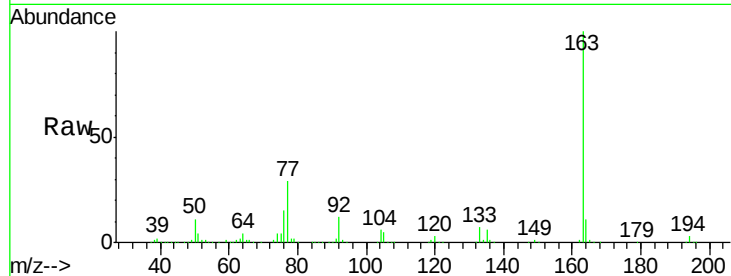
#49
Dimethylphthalate
Concen: 35.38 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	956057		
194	3.3		2.6	4.0
164	11.0		8.7	13.1

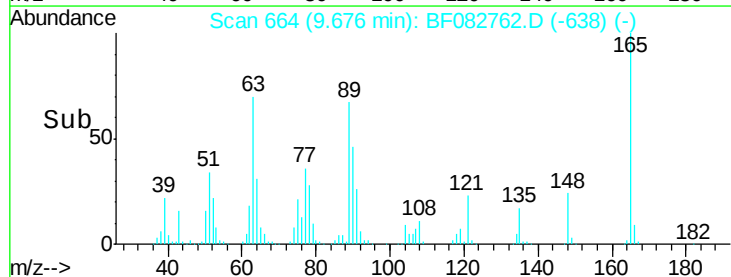
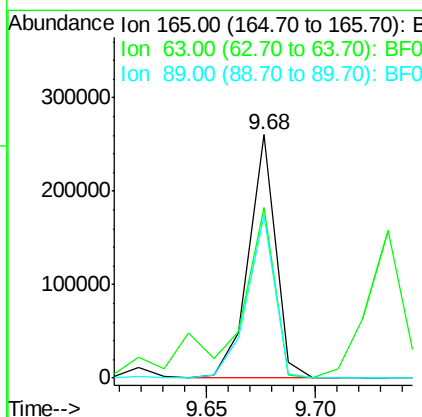
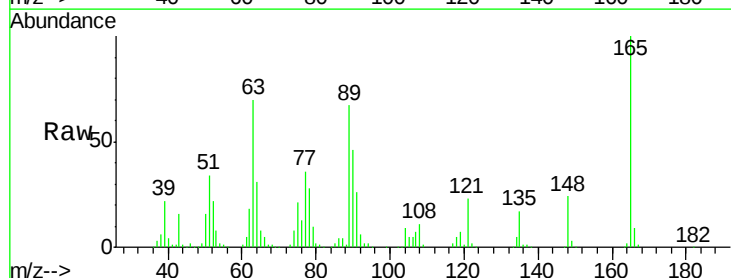
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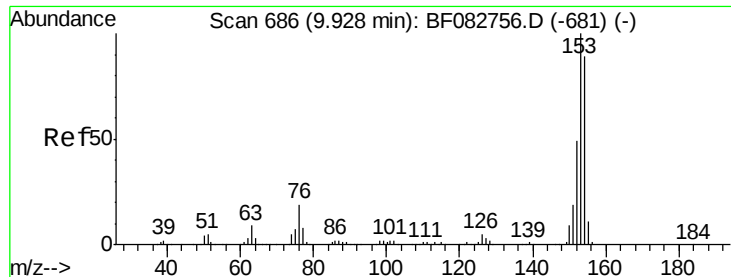
Mmdadoda
11/9/2015 2:10:15 PM



#50
2,6-Dinitrotoluene
Concen: 39.06 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	225263		
63	70.1		55.5	83.3
89	67.1		55.0	82.6





#51

Acenaphthene

Concen: 40.43 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Instrument :

BNA_F

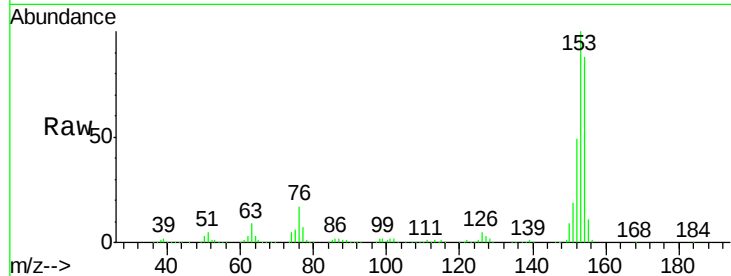
ClientSampleId :

SSTDCCC040

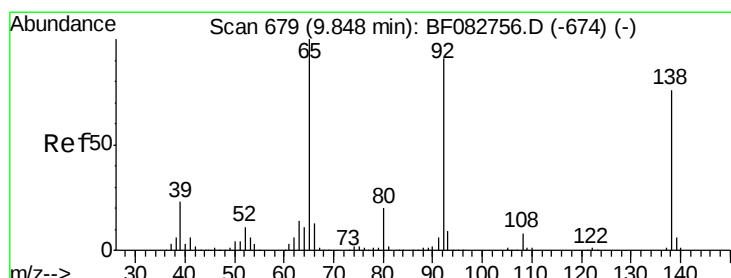
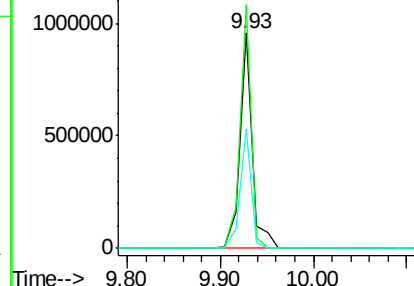
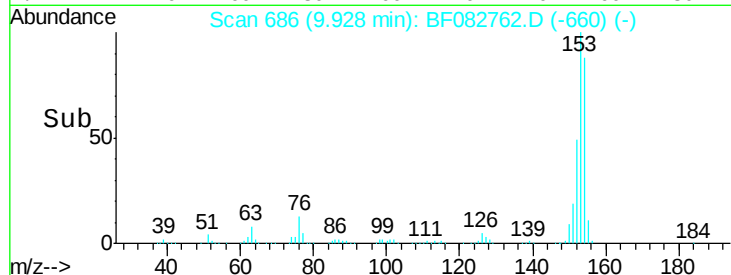
Tot Ion:	154	Resp:	886691
Ion Ratio	Lower	Upper	
154	100		
153	113.2	90.1	135.1
152	55.8	44.3	66.5

Manual Integrations
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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: 43.73 ng

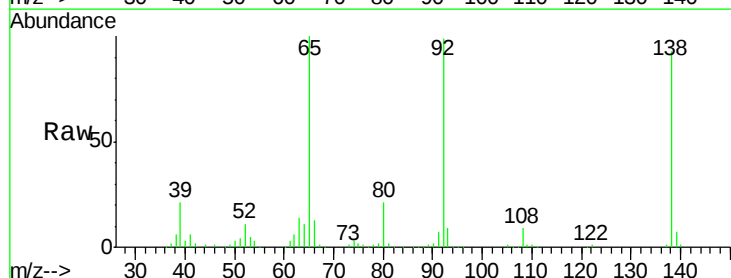
RT: 9.85 min Scan# 679

Delta R.T. 0.01 min

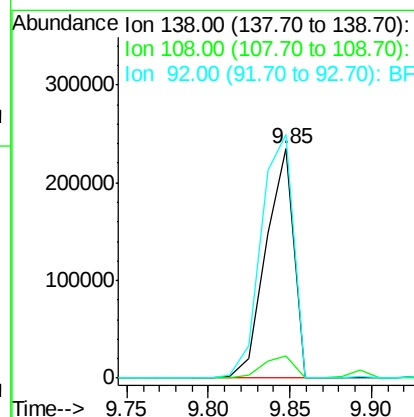
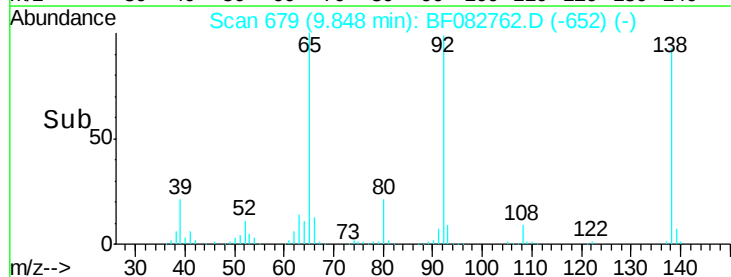
Lab File: BF082762.D

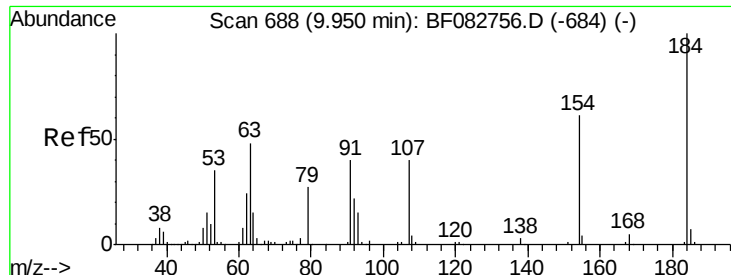
Acq: 6 Nov 2015 15:36

Tgt Ion:	138	Resp:	277332
Ion Ratio	Lower	Upper	
138	100		
108	9.5	11.3	16.9#
92	106.2	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





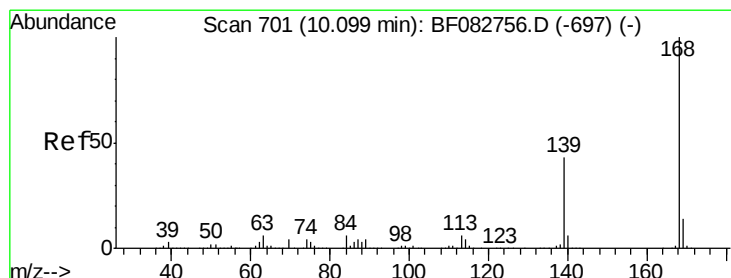
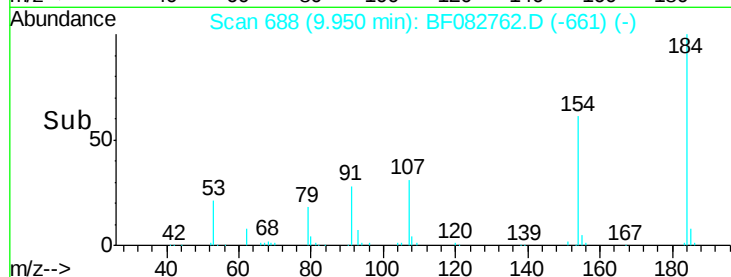
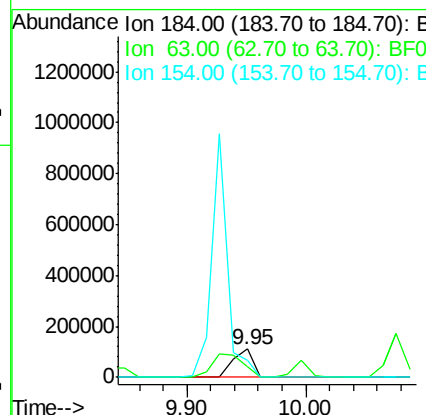
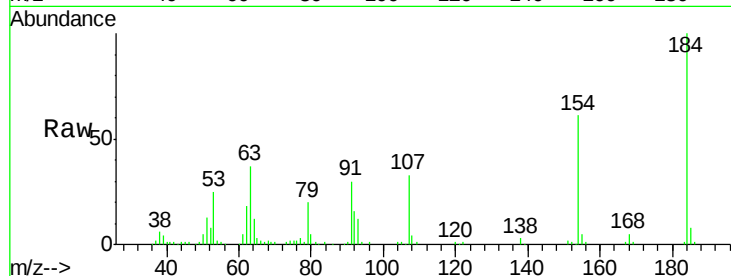
#53
 2,4-Dinitrophenol
 Concen: 41.41 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	131090		
63	36.5	98.6	148.0#	
154	61.2	183.9	275.9#	

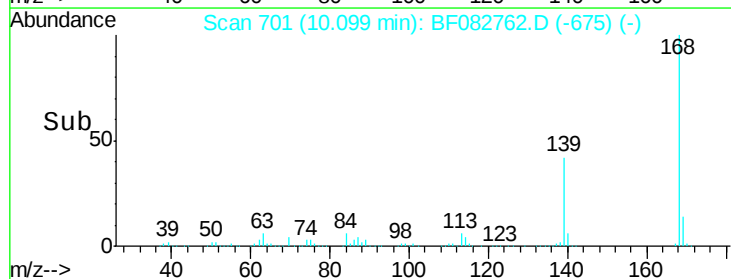
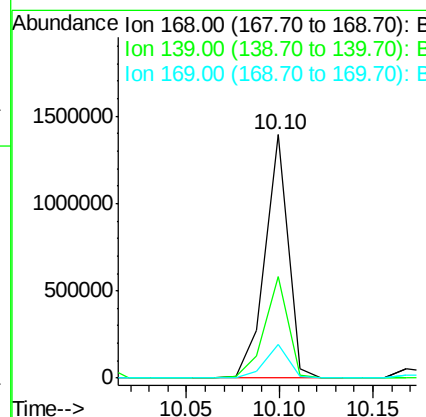
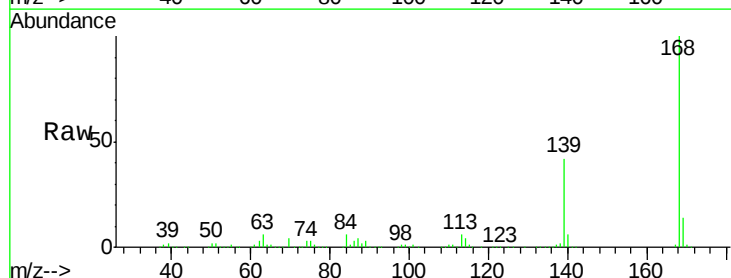
Manual Integrations
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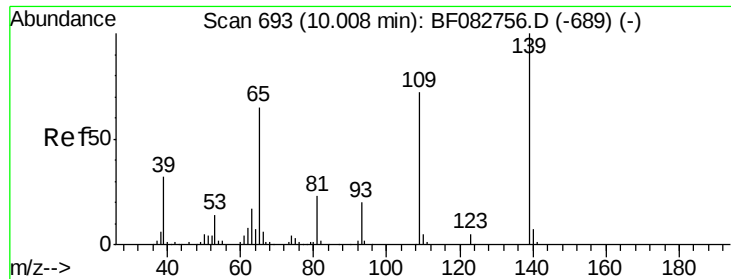
Mmdadoda
 11/9/2015 2:10:15 PM



#54
 Dibenzofuran
 Concen: 40.27 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1190755		
139	41.8	37.8	56.6	
169	13.8	11.3	16.9	





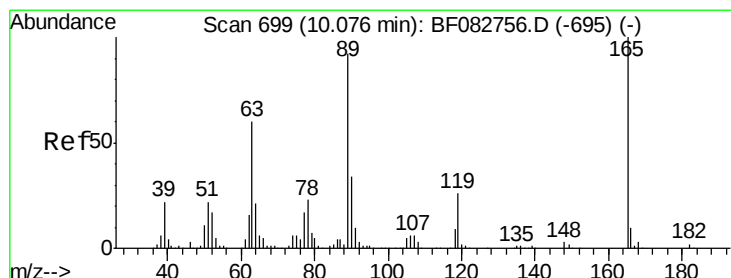
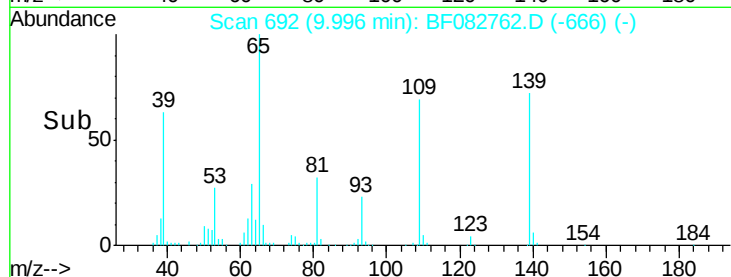
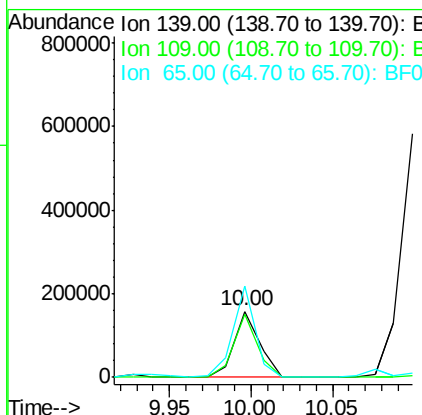
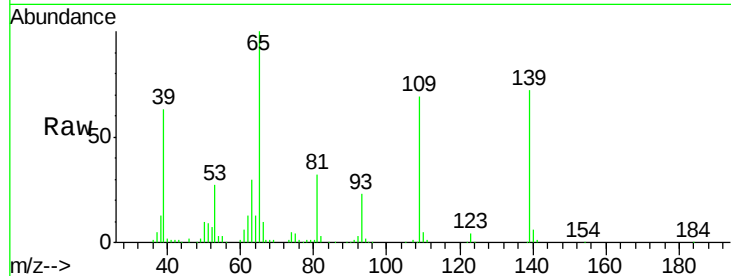
#55
4-Nitrophenol
Concen: 35.66 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	173507		
109	94.6	73.7	113.7	
65	138.0	82.9	122.9	

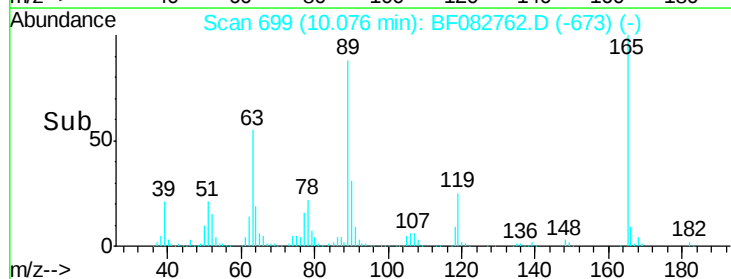
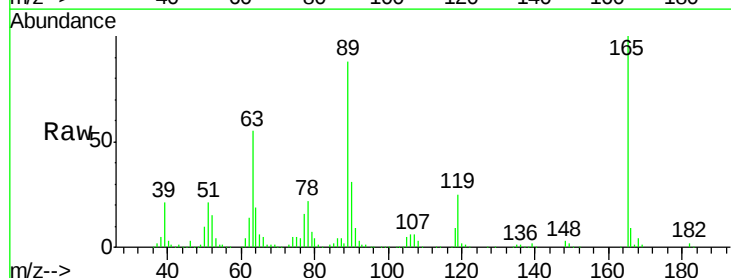
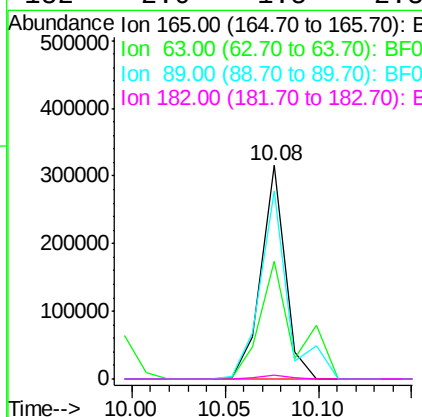
Manual Integrations
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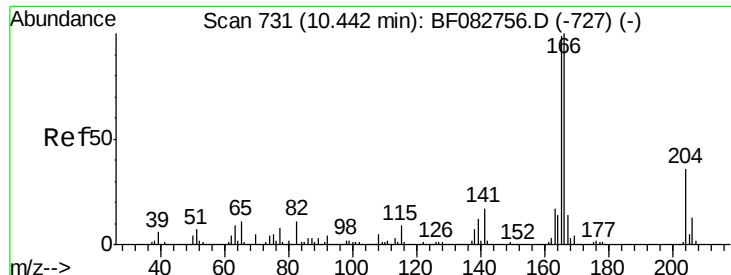
Mmdadoda
11/9/2015 2:10:15 PM



#56
2,4-Dinitrotoluene
Concen: 36.79 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	287802		
63	55.3	43.4	65.0	
89	88.2	70.6	106.0	
182	2.0	1.5	2.3	





#57

Fluorene

Concen: 41.89 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1003149

Ion Ratio Lower Upper

166 100

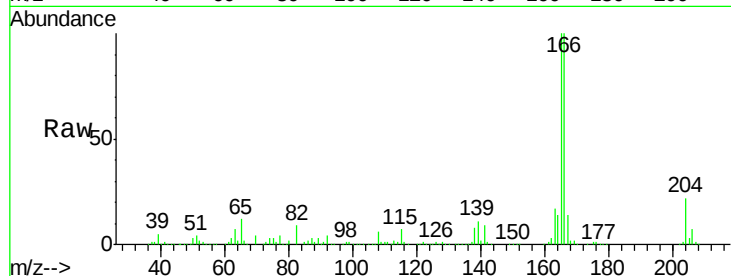
165 100.0 80.2 120.4

167 13.8 11.2 16.8

Manual Integrations
APPROVED

Mmdadoda

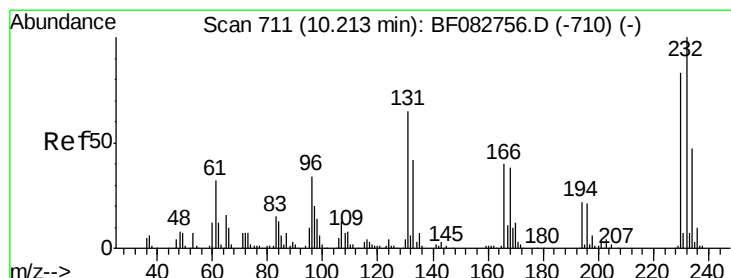
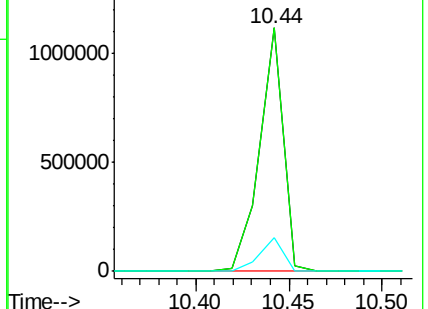
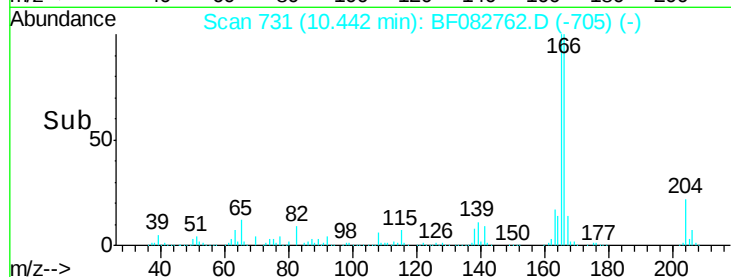
11/9/2015 2:10:15 PM



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: 38.42 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Tgt Ion:232 Resp: 250908

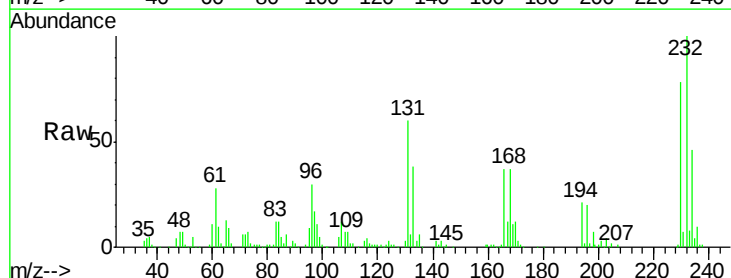
Ion Ratio Lower Upper

232 100

131 51.1 46.2 69.2

130 2.6 2.4 3.6

166 32.8 28.2 42.2

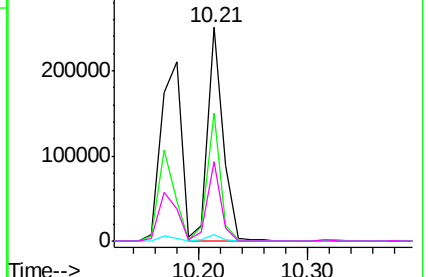
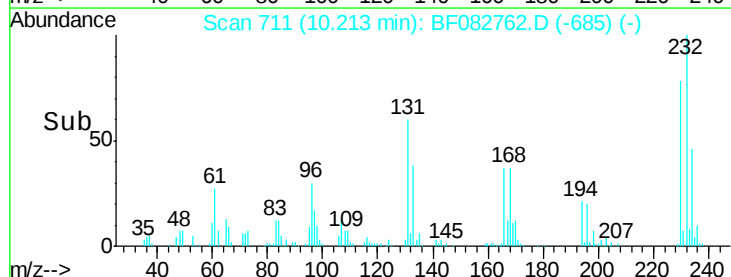


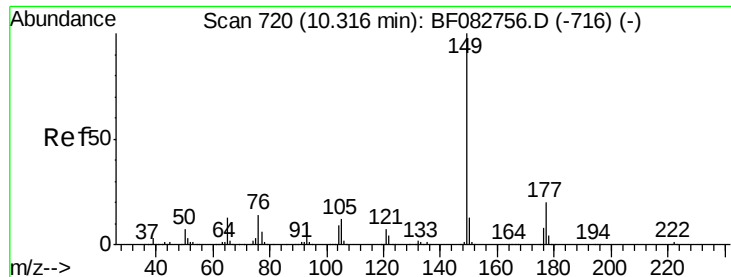
Abundance Ion 232.00 (231.70 to 232.70): E

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





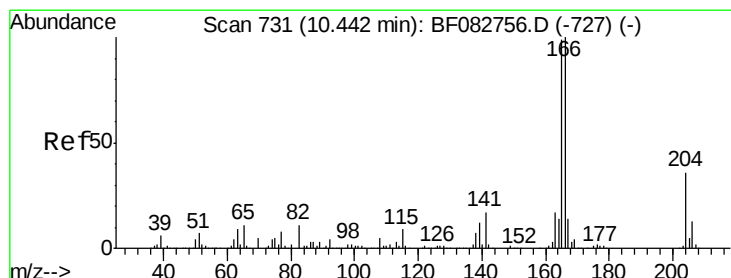
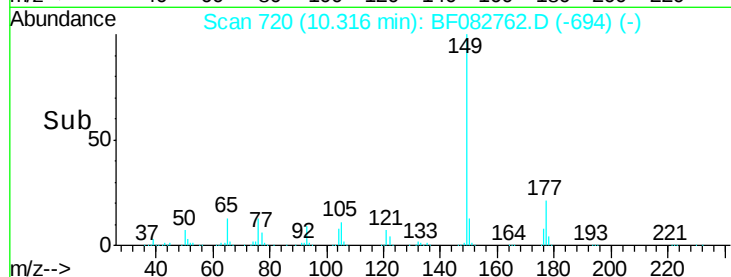
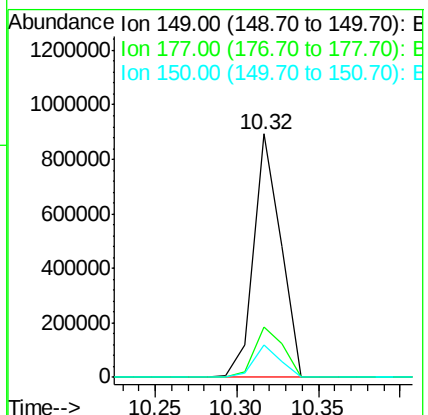
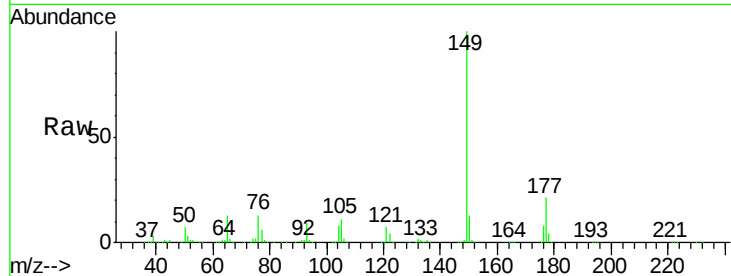
#59
Diethylphthalate
Concen: 39.08 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.5	17.9	26.9
150	13.1	10.1	15.1

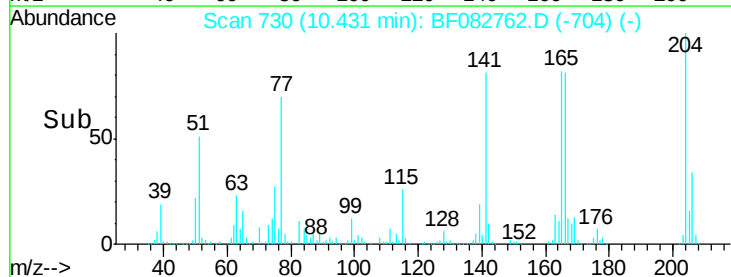
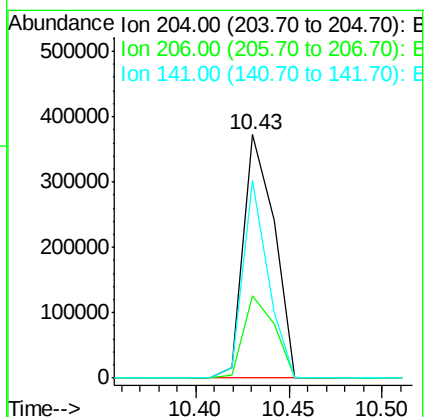
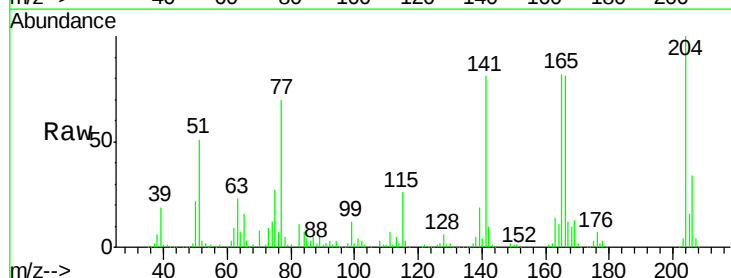
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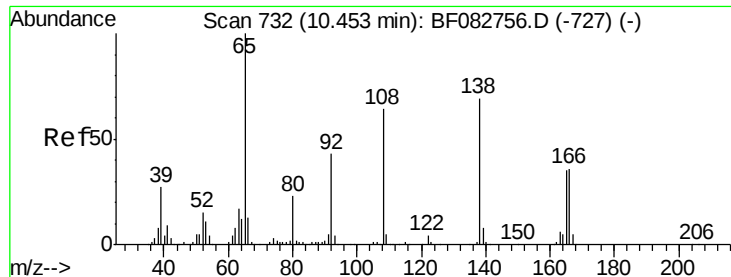
Mmdadoda
11/9/2015 2:10:15 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.11 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.0	28.5	42.7
141	81.1	44.6	66.8#





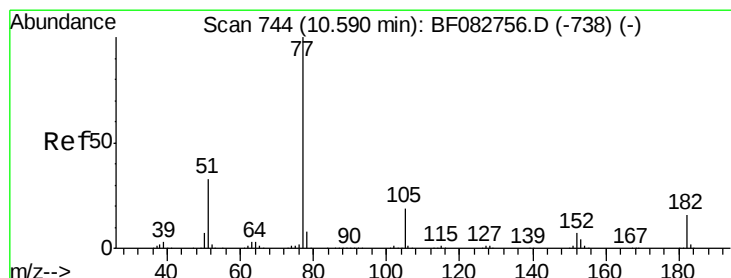
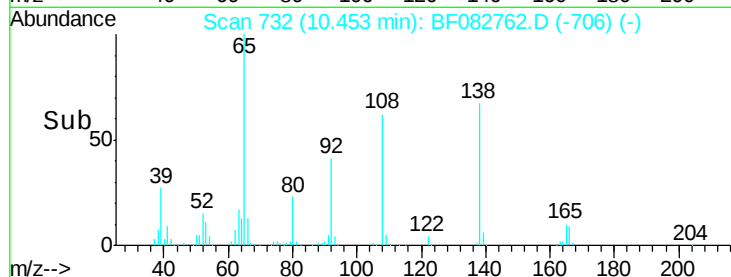
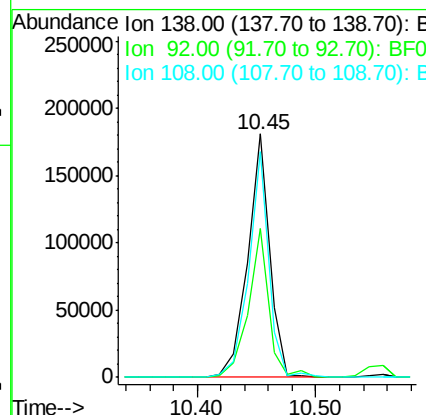
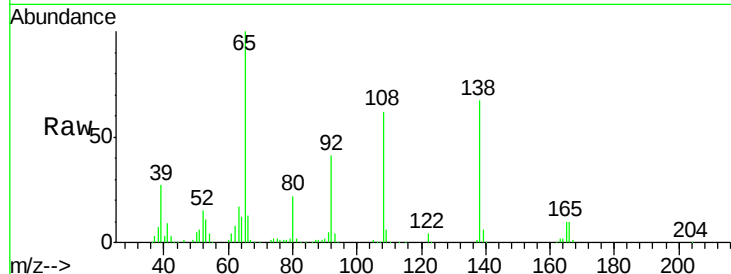
#61
4-Nitroaniline
Concen: 36.79 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	61.3	45.8	85.8
108	92.8	89.4	129.4

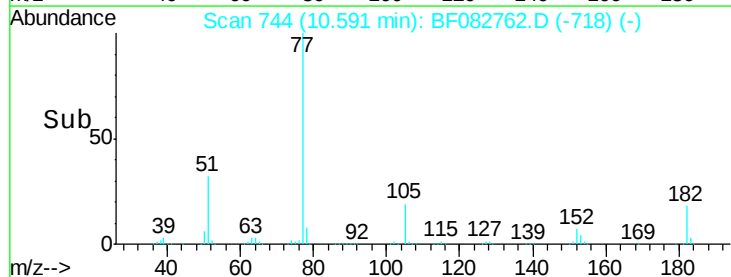
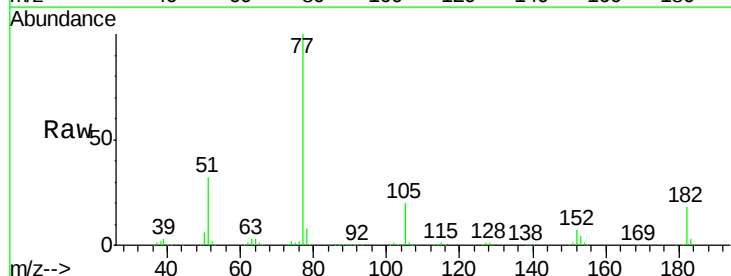
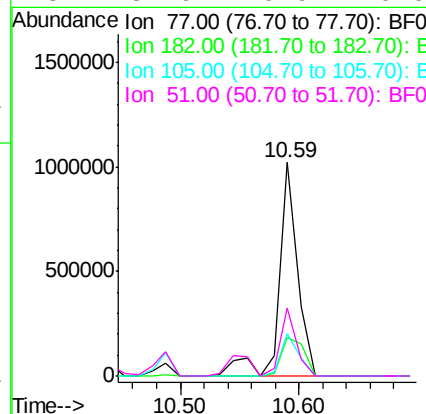
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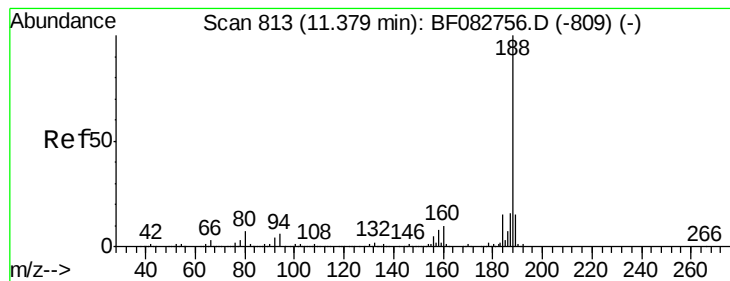
Mmdadoda
11/9/2015 2:10:15 PM



#62
Azobenzene
Concen: 39.09 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.7	9.3	49.3
105	19.5	2.6	42.6
51	31.9	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Instrument :

BNA_F

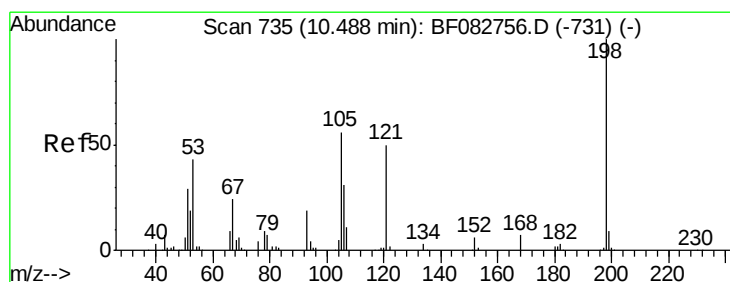
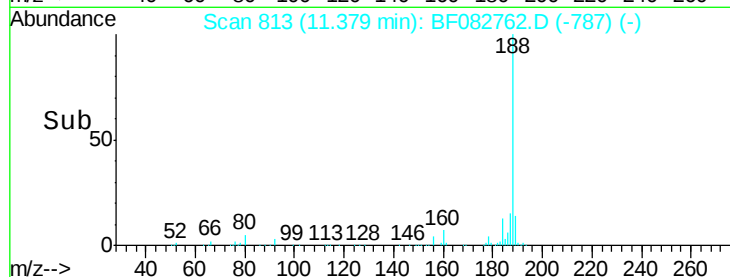
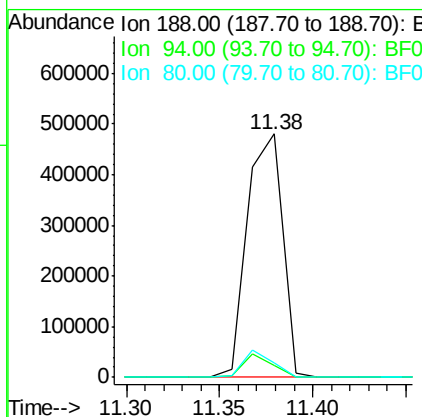
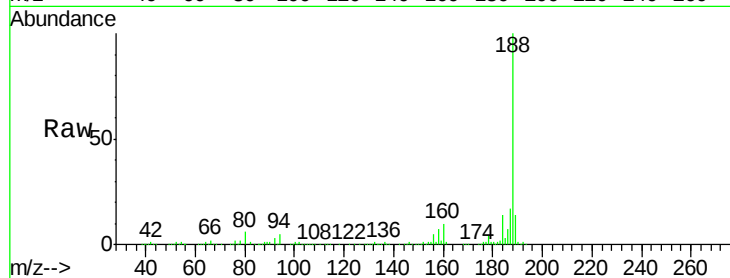
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	632581
Ion Ratio	Lower	Upper	
188	100		
94	5.1	6.1	9.1#
80	5.7	7.0	10.6#

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#64

4,6-Dinitro-2-methylphenol

Concen: 42.20 ng

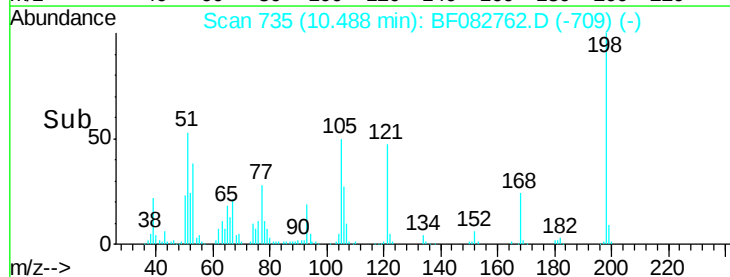
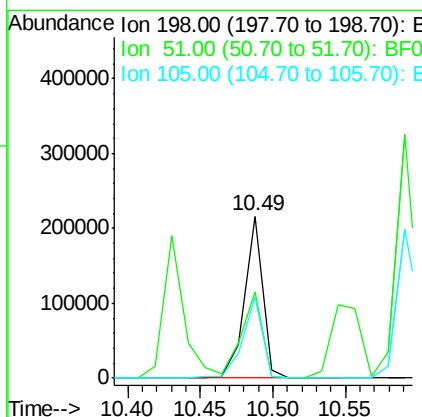
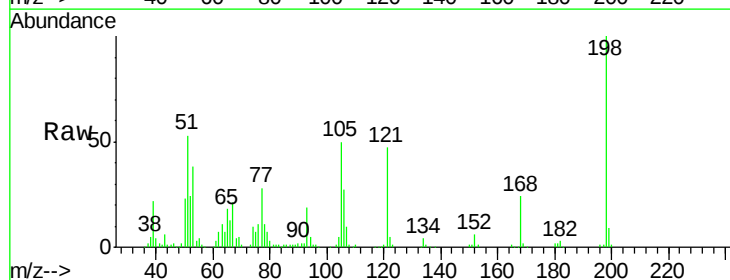
RT: 10.49 min Scan# 735

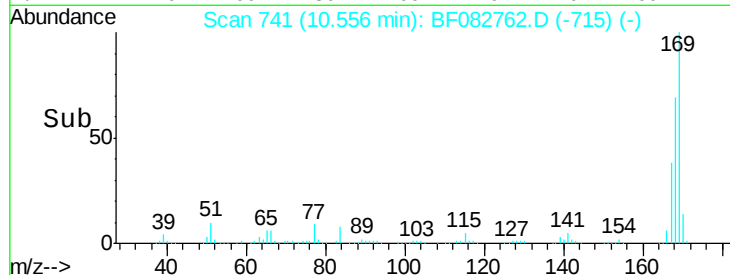
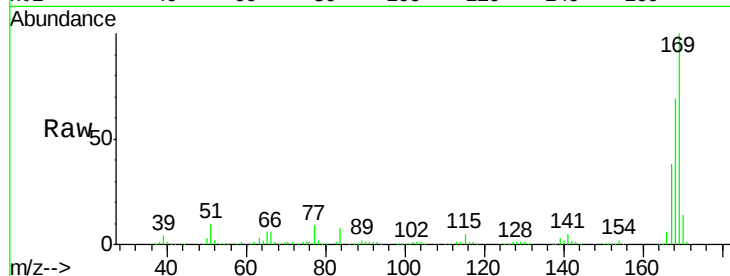
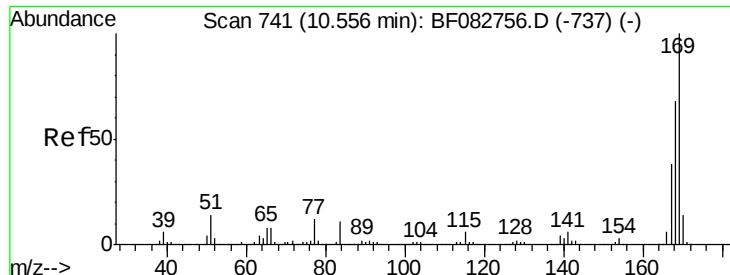
Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Tgt Ion:	198	Resp:	190163
Ion Ratio	Lower	Upper	
198	100		
51	52.8	17.3	57.3
105	50.1	21.7	61.7





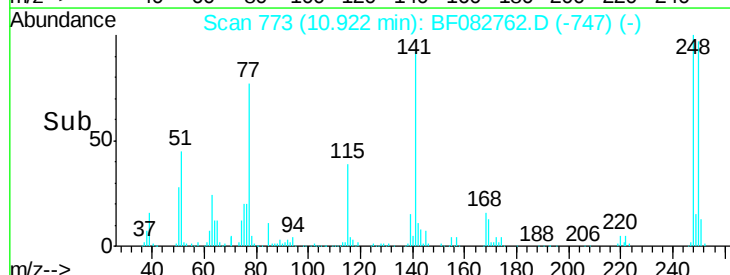
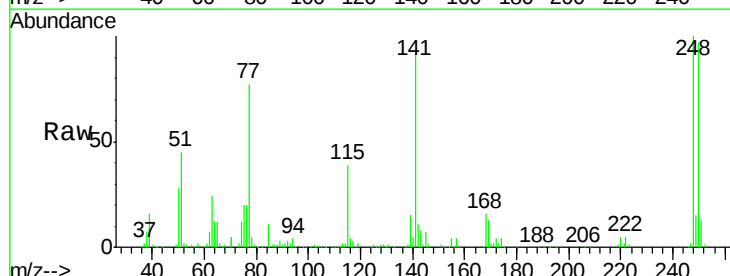
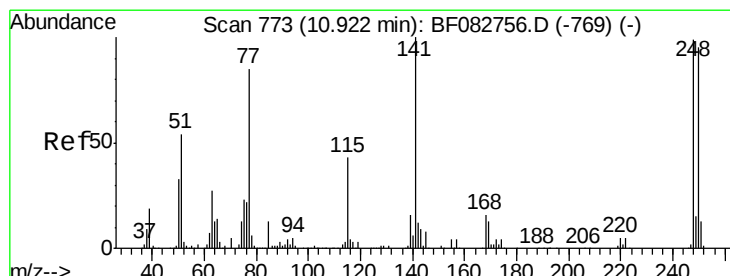
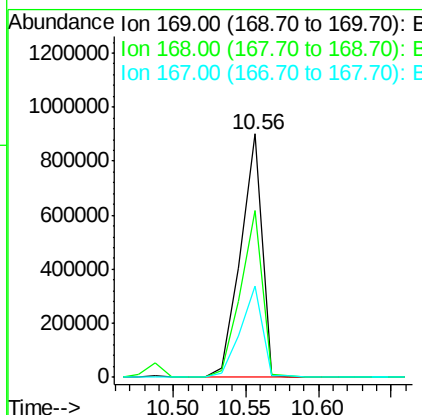
#65
n-Nitrosodiphenylamine
Concen: 40.56 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Tot Ion	Ratio	Resp	Lower	Upper
169	100	926974		
168	68.7		55.0	82.6
167	37.7		30.5	45.7

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

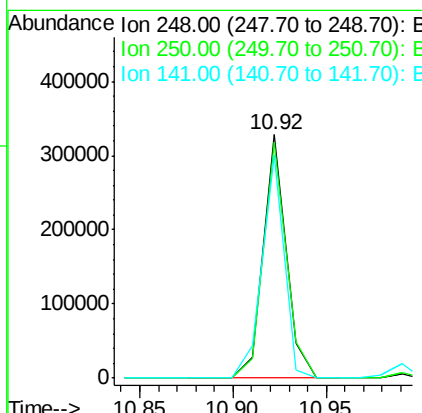
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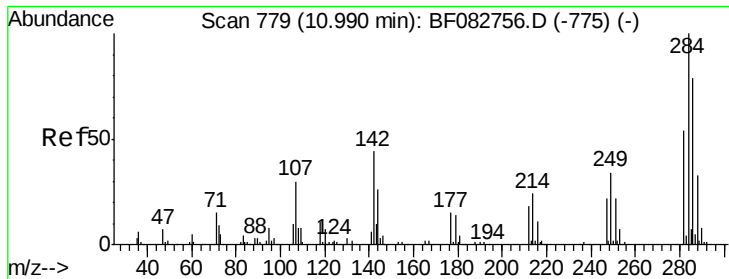
Mmdadoda
11/9/2015 2:10:15 PM



#66
4-Bromophenyl-phenylether
Concen: 36.37 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	277060		
250	96.6		79.4	119.2
141	91.9		36.3	54.5#





#67

Hexachlorobenzene

Concen: 36.54 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Instrument :

BNA_F

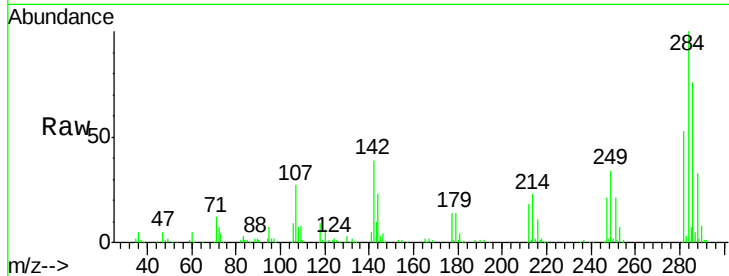
ClientSampleId :

SSTDCCC040

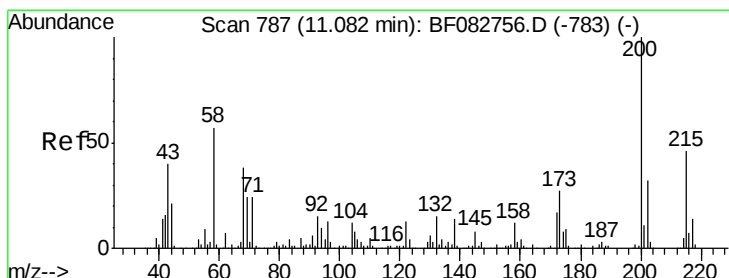
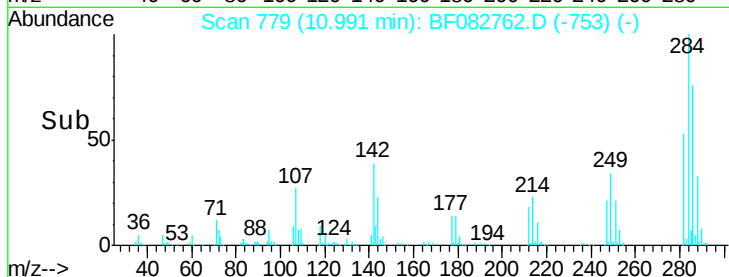
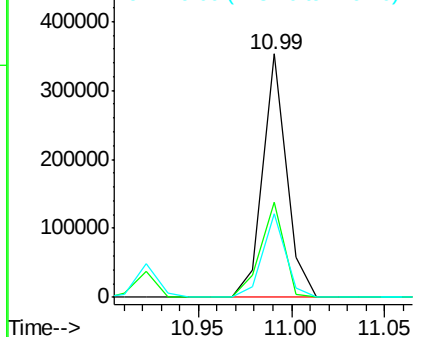
Tot Ion:	284	Resp:	310777
Ion Ratio		Lower	Upper
284	100		
142	39.3	47.9	71.9#
249	34.1	29.7	44.5

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.85 ng

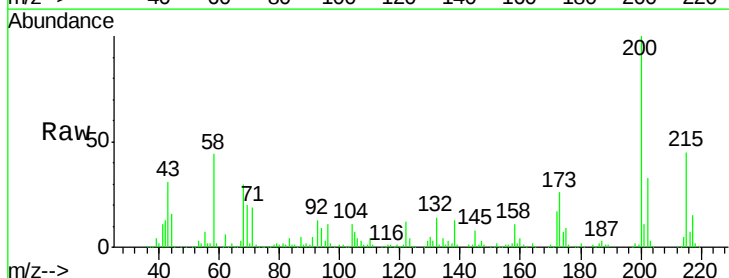
RT: 11.08 min Scan# 787

Delta R.T. 0.00 min

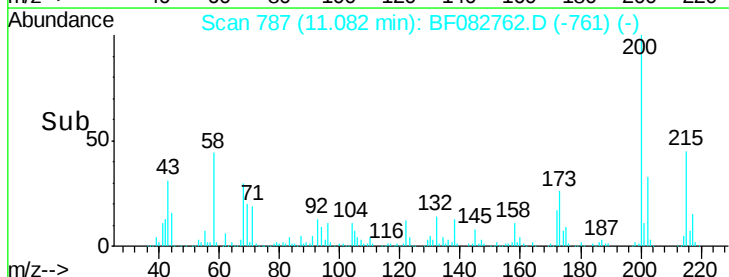
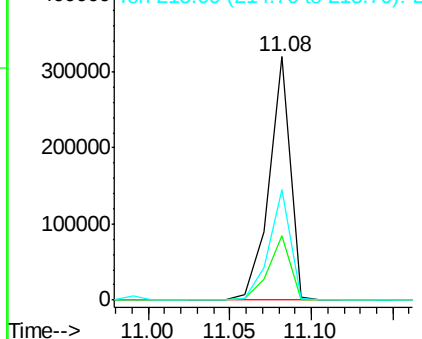
Lab File: BF082762.D

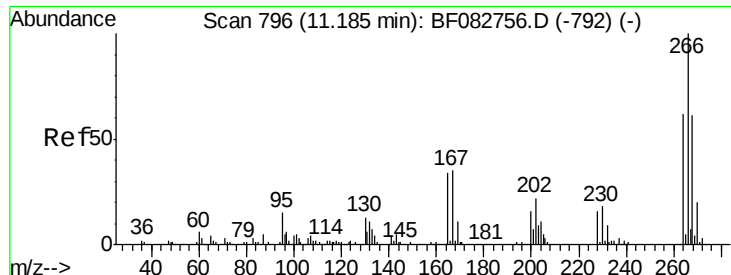
Acq: 6 Nov 2015 15:36

Tgt Ion:	200	Resp:	288654
Ion Ratio		Lower	Upper
200	100		
173	26.2	6.9	46.9
215	45.4	22.9	62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





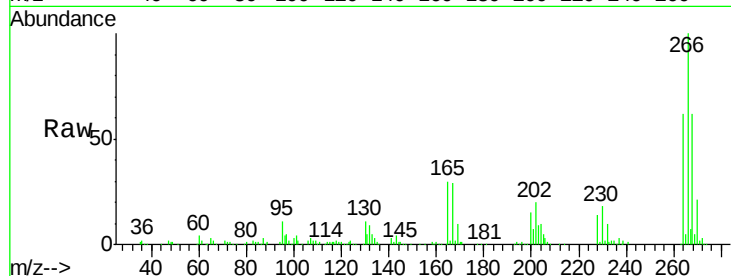
#69
 Pentachlorophenol
 Concen: 42.22 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

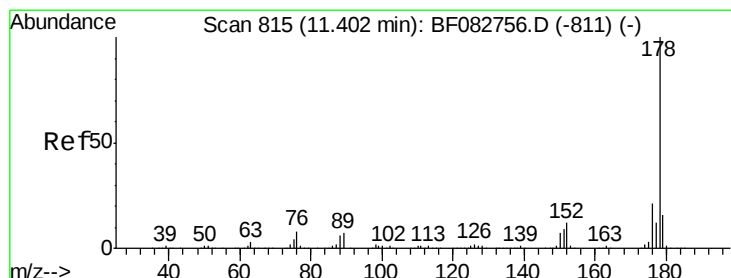
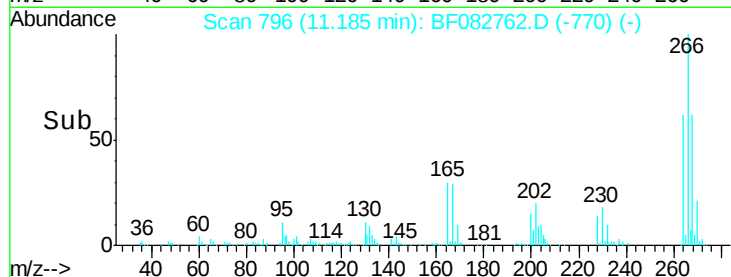
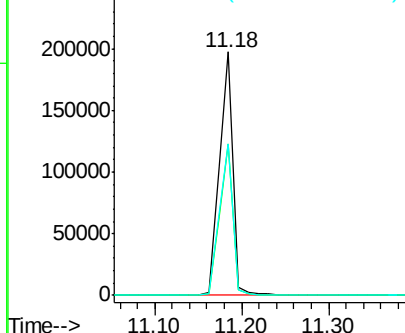
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.0	76.6
264	62.2	50.6	75.8

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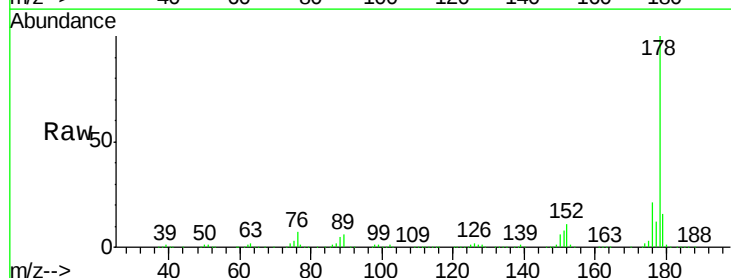


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

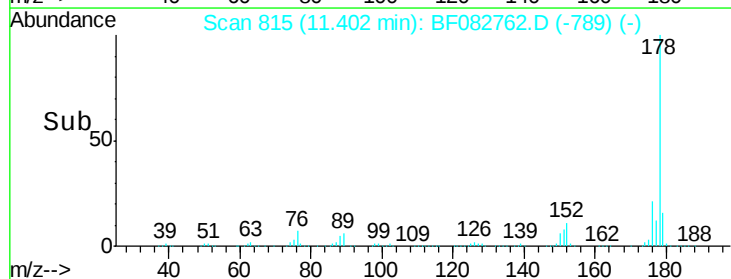
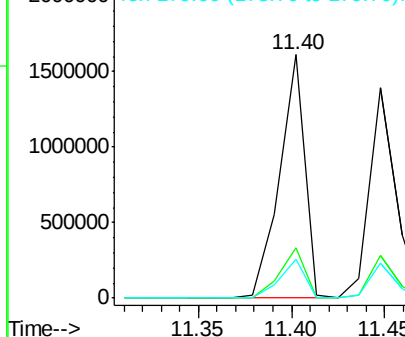


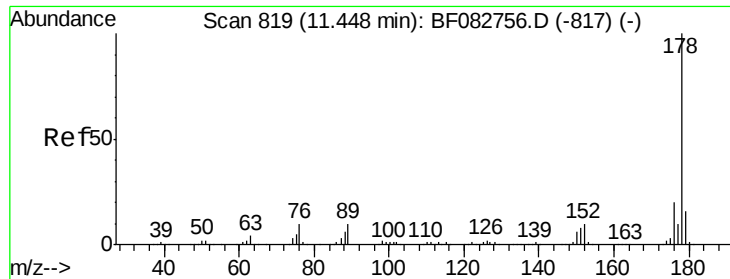
#70
 Phenanthrene
 Concen: 41.32 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	17.0	25.4
179	15.8	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





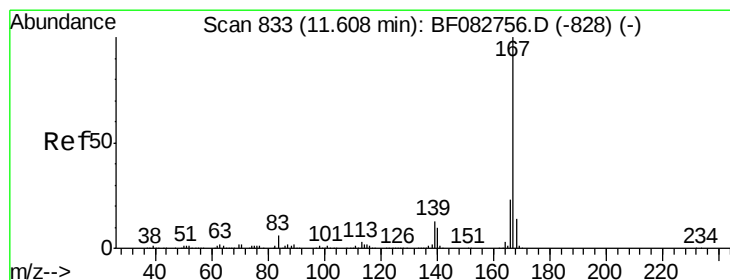
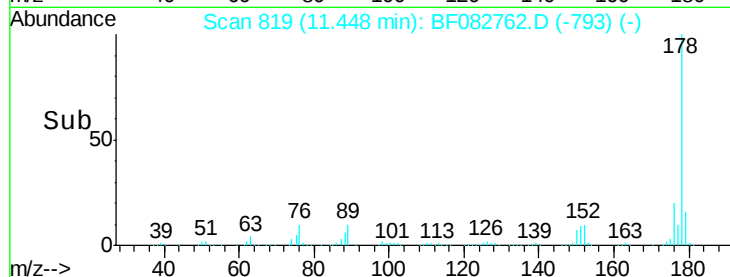
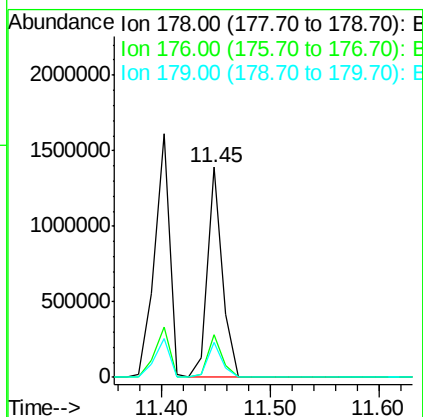
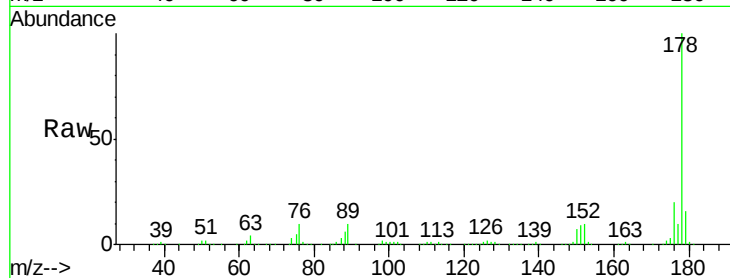
#71
 Anthracene
 Concen: 34.47 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1333772
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.5 24.7
 179 16.4 13.2 19.8

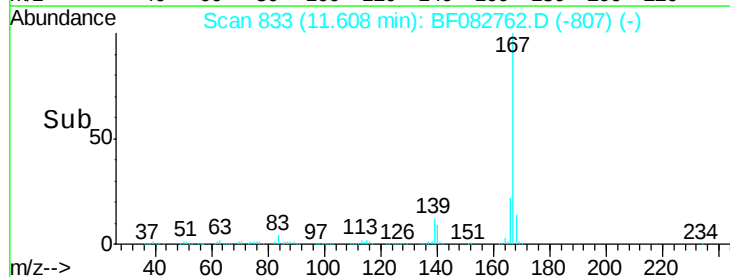
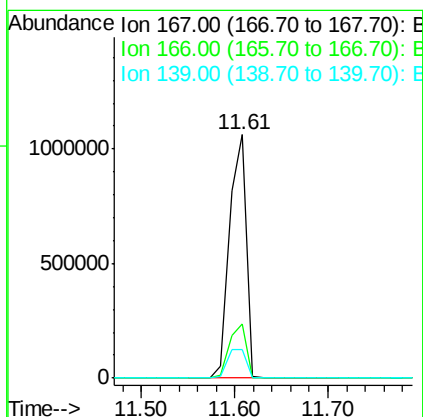
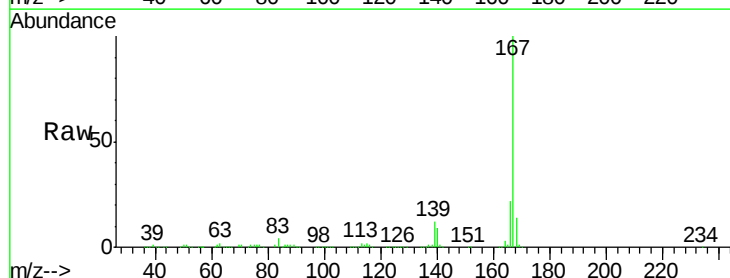
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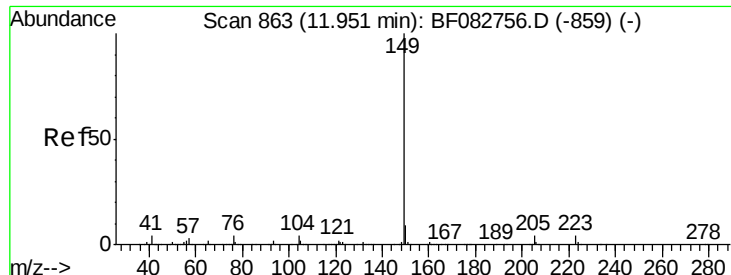
Mmdadoda
 11/9/2015 2:10:15 PM



#72
 Carbazole
 Concen: 39.39 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Tgt Ion:167 Resp: 1334346
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.7 28.1
 139 11.9 11.8 17.6





#73

Di-n-butylphthalate

Concen: 37.49 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1582385

Ion Ratio Lower Upper

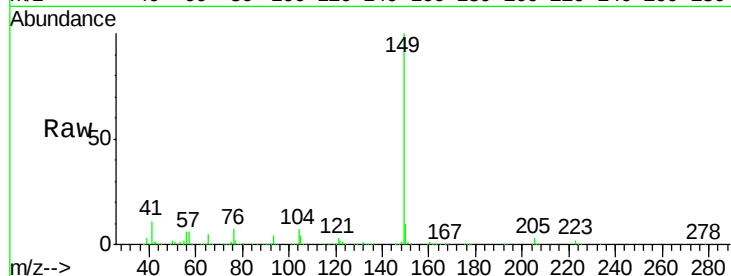
149 100

150 9.7 8.1 12.1

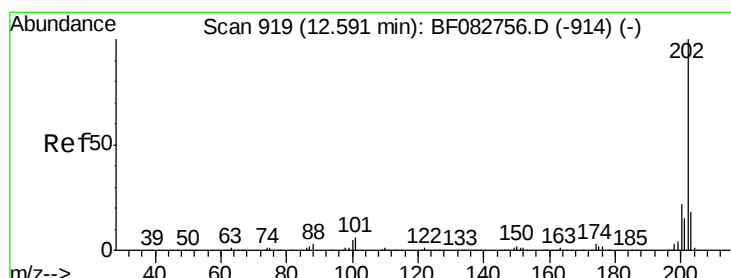
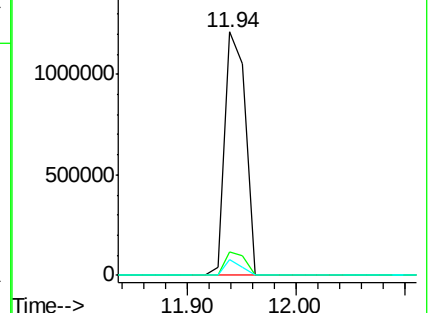
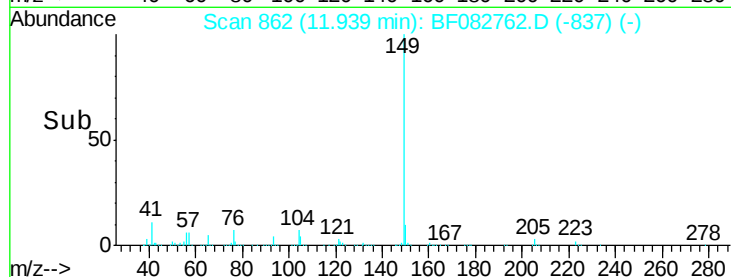
104 6.5 5.2 7.8

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.02 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

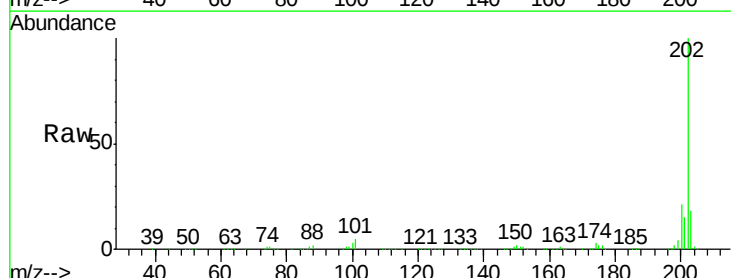
Tgt Ion:202 Resp: 1498696

Ion Ratio Lower Upper

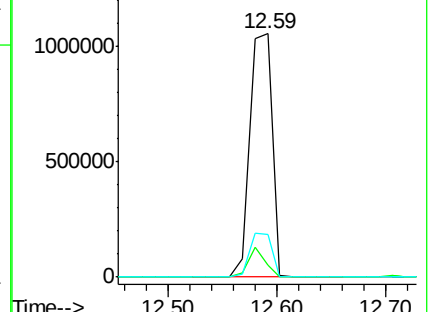
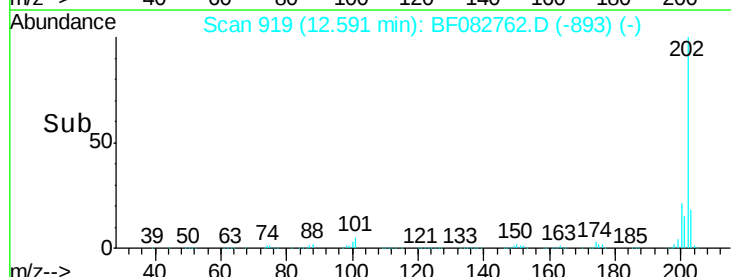
202 100

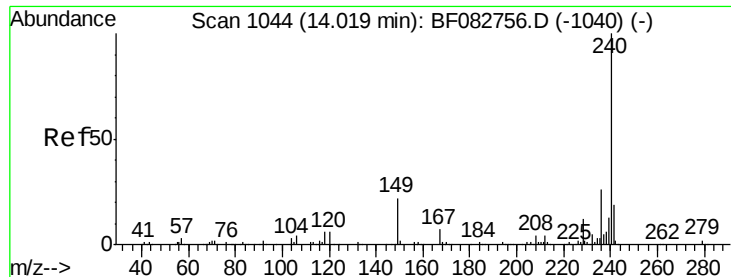
101 4.7 0.0 30.5

203 17.5 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Instrument :

BNA_F

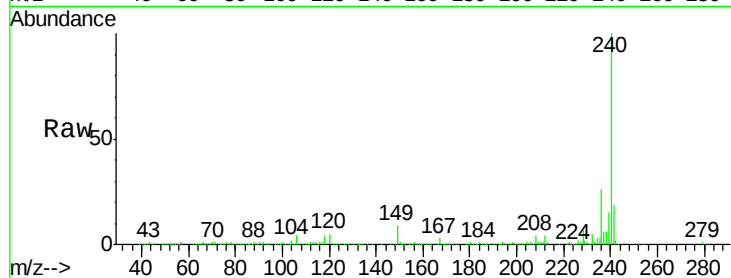
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.7	10.9	16.3#
236	26.1	21.6	32.4

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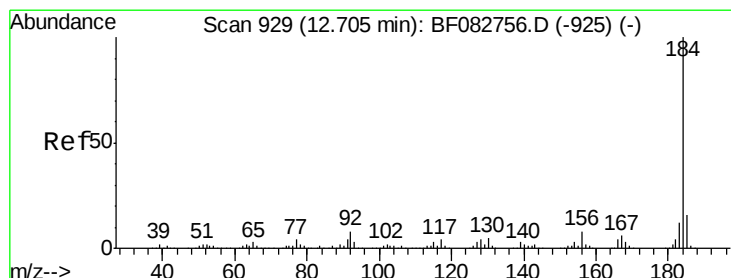
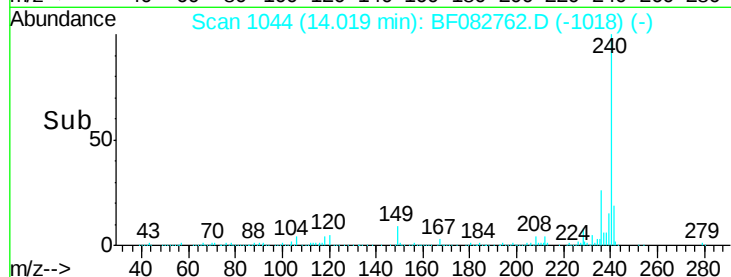
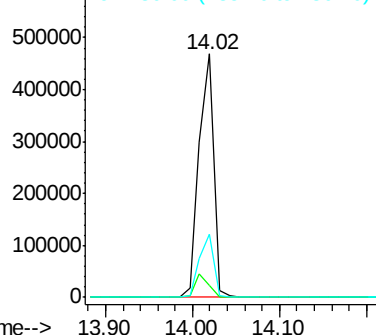
Mmdadoda
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.94 ng

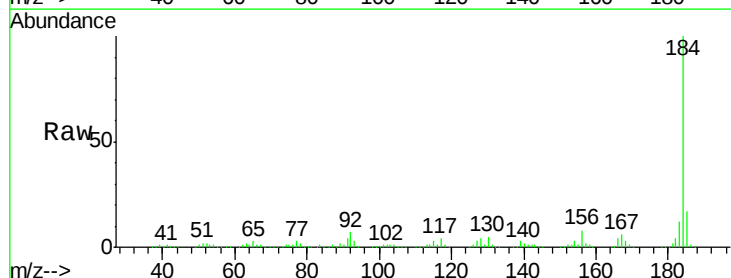
RT: 12.71 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

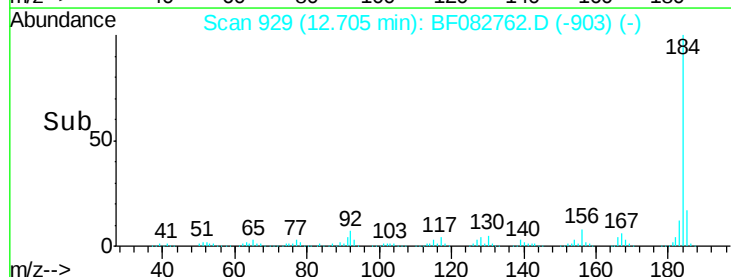
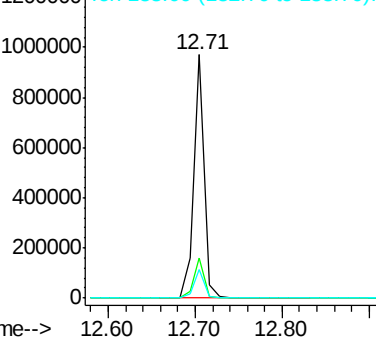
Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.7	12.0	18.0
183	11.9	9.6	14.4

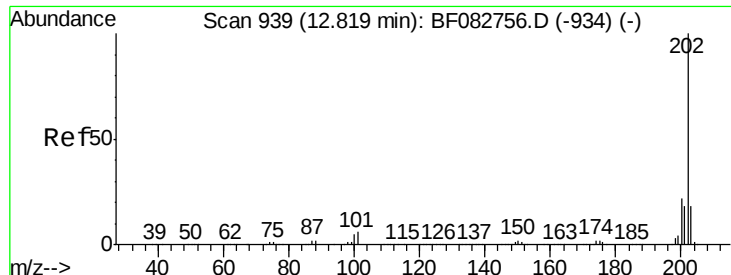


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





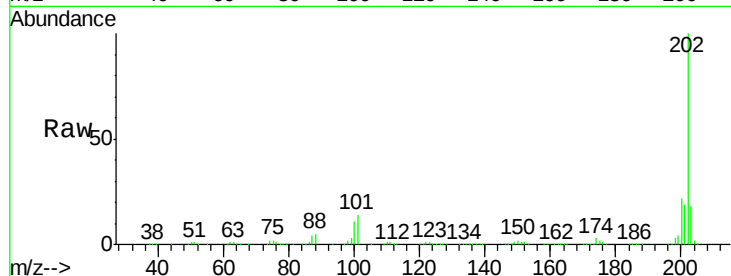
#77
Pvrene
Concen: 39.97 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

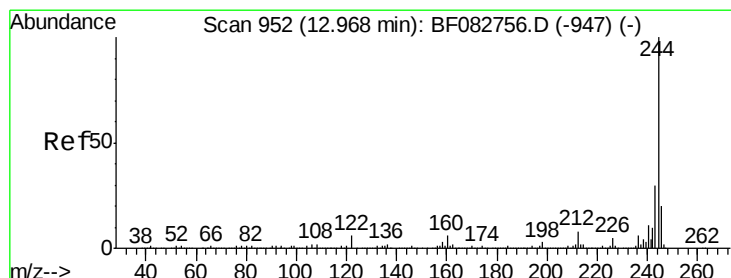
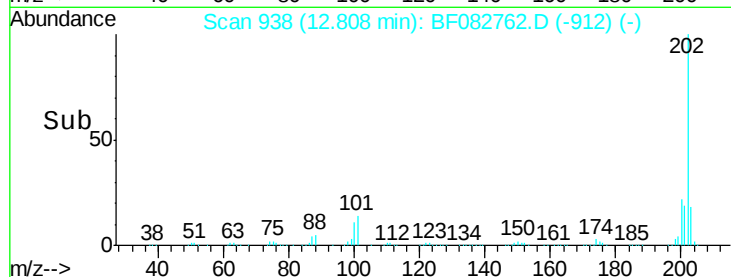
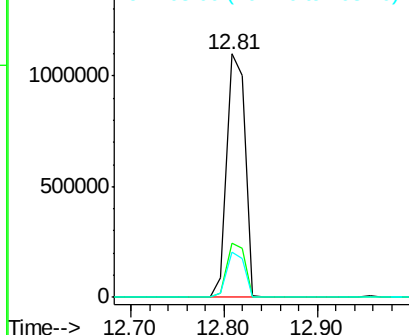
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.7	28.1
203	18.3	14.8	22.2

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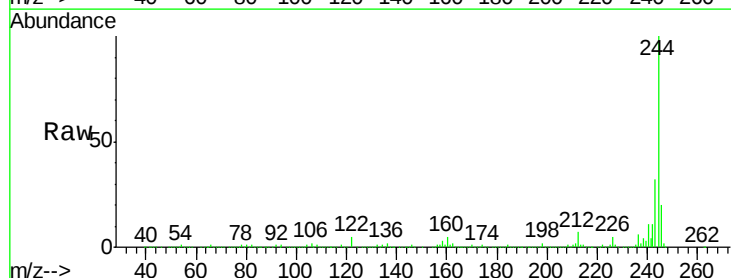


Abundance Ion 202.00 (201.70 to 202.70): E
1500000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

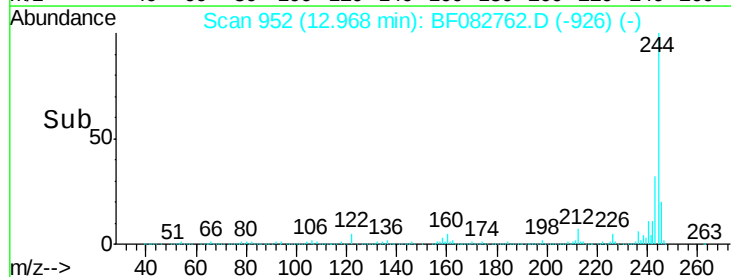
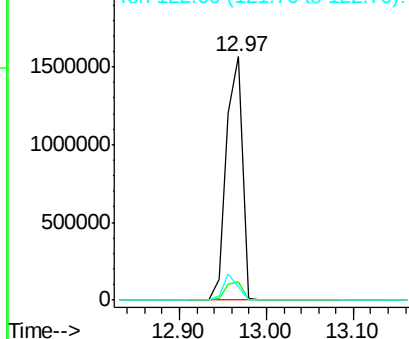


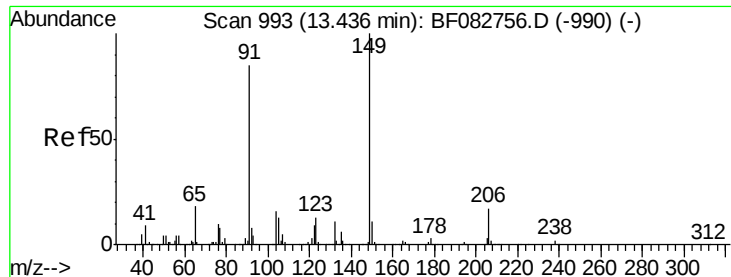
#78
Terphenyl-d14
Concen: 86.19 ng
RT: 12.97 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	7.6	11.4#
122	5.3	11.3	16.9#



Abundance Ion 244.00 (243.70 to 244.70): E
2000000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





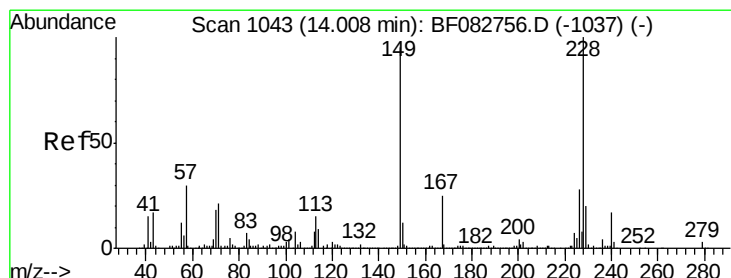
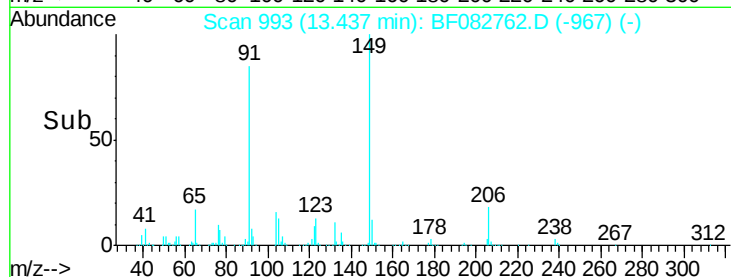
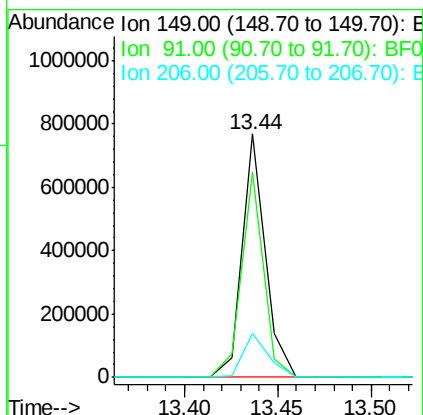
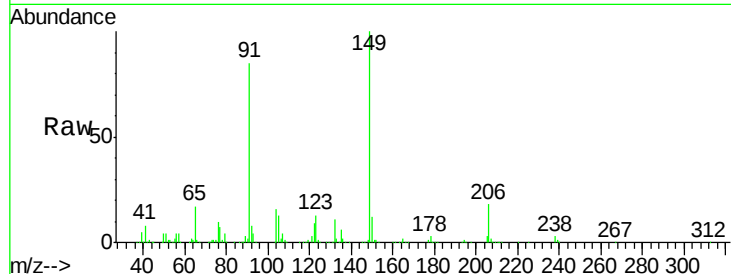
#79
Butylbenzylphthalate
Concen: 39.71 ng
RT: 13.44 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	84.5	67.7	101.5
206	18.2	14.6	22.0

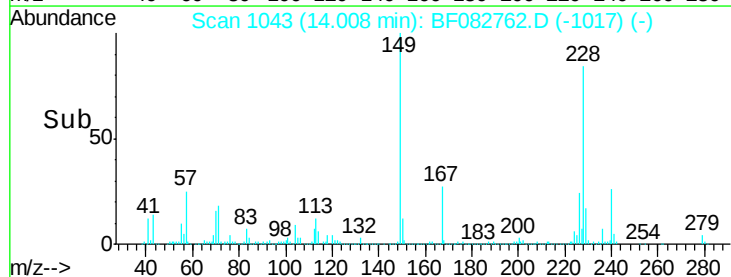
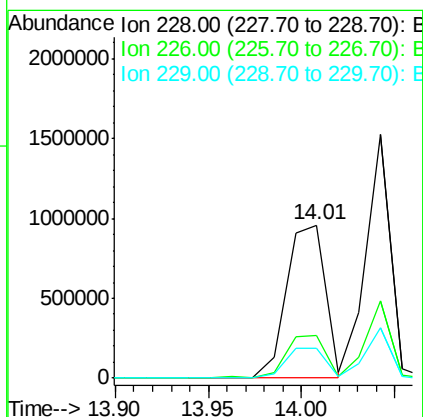
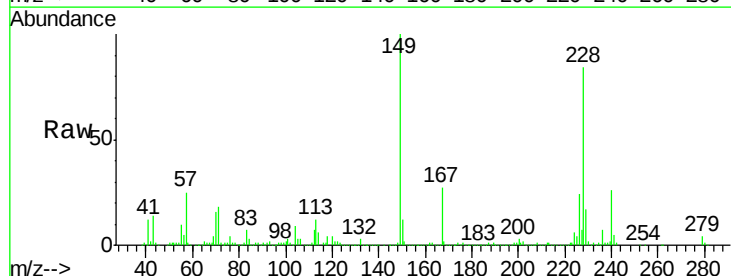
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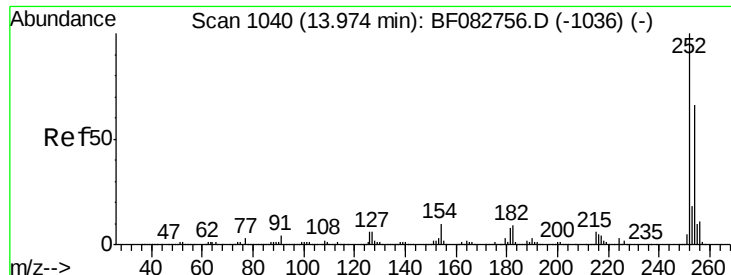
Mmdadoda
11/9/2015 2:10:15 PM



#80
Benzo(a)anthracene
Concen: 40.59 ng
RT: 14.01 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.4	35.2
229	19.8	16.3	24.5





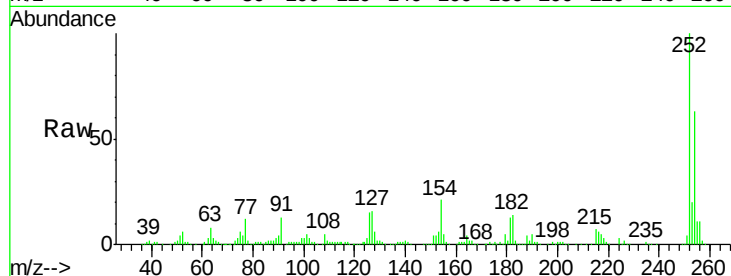
#81
 3,3'-Dichlorobenzidine
 Concen: 38.78 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

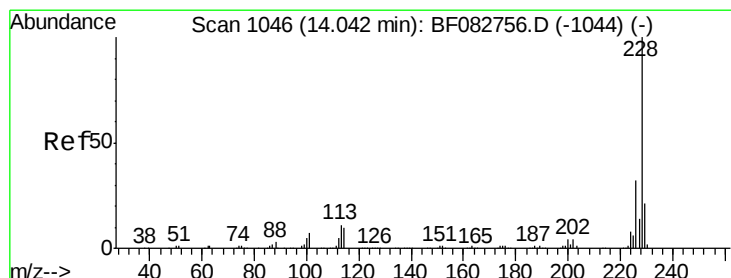
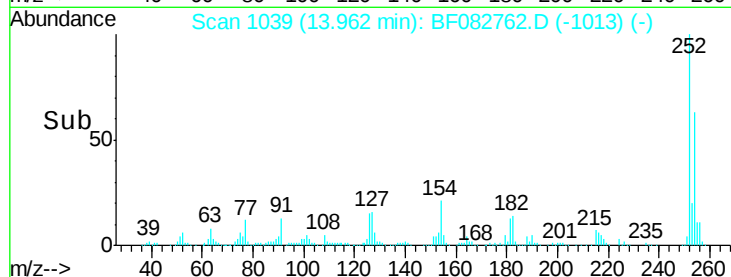
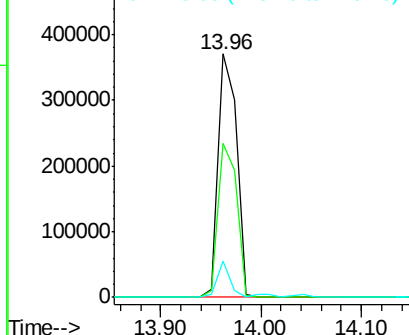
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.4	77.0
126	15.0	10.7	16.1

Manual Integrations
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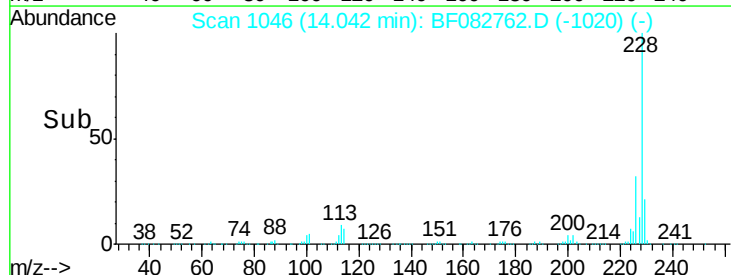
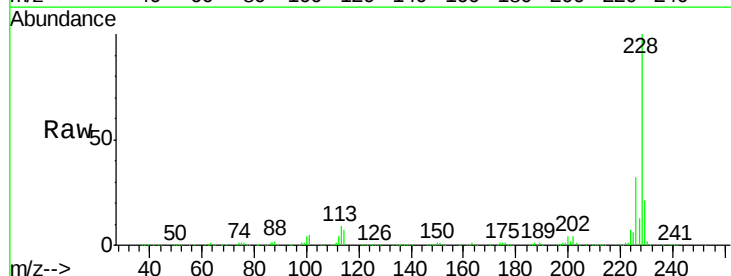
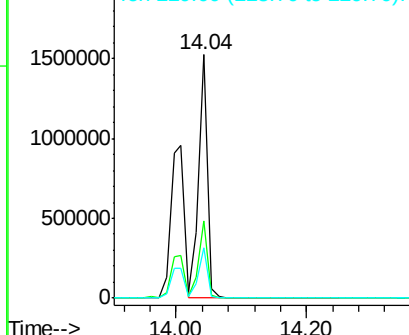
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

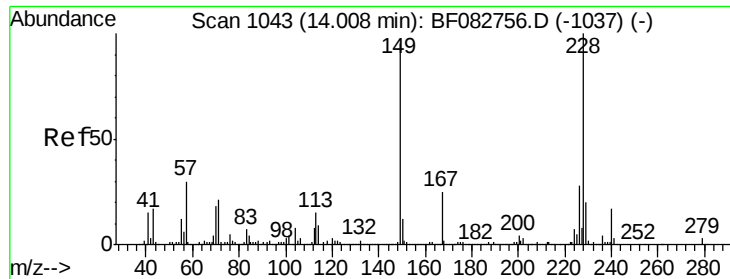


#82
 Chrysene
 Concen: 43.71 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.5	38.3
229	20.7	16.3	24.5

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





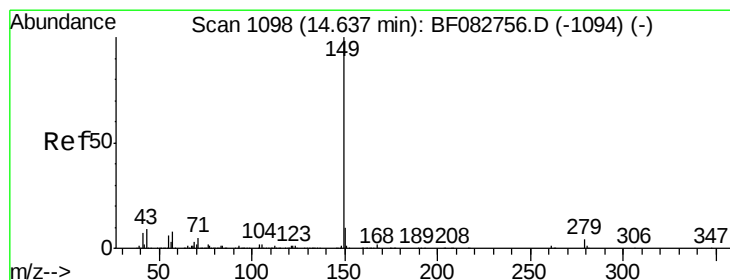
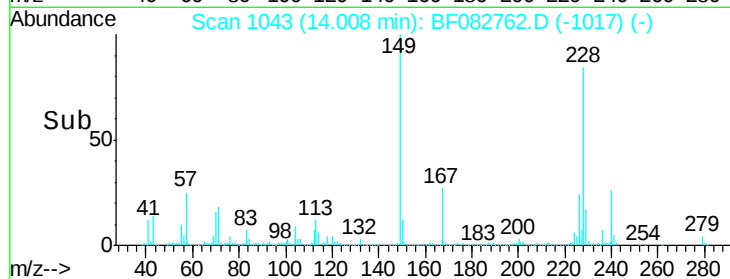
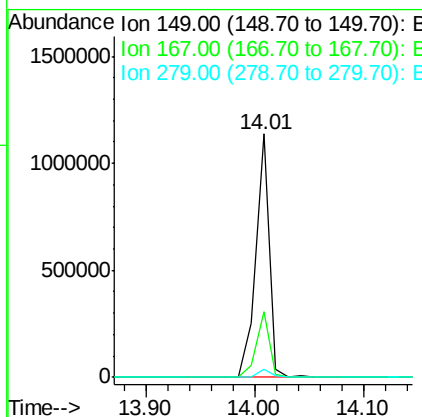
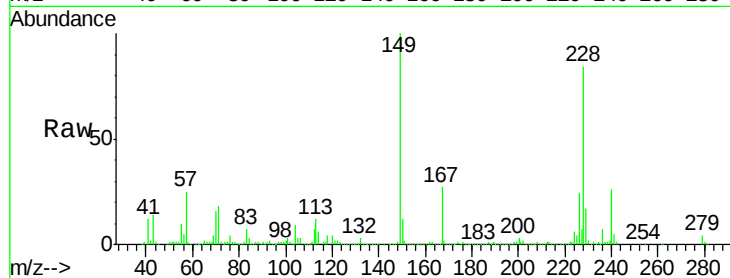
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.37 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	992943		
167	27.2	21.2	31.8	
279	3.6	2.2	3.2#	

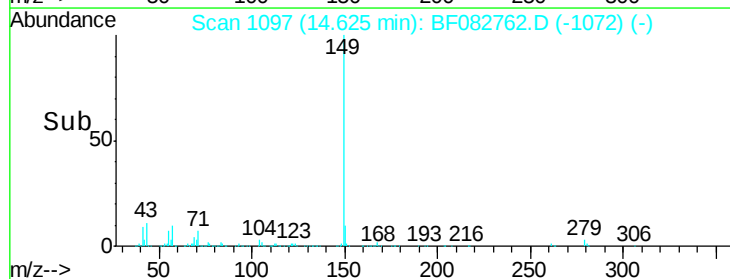
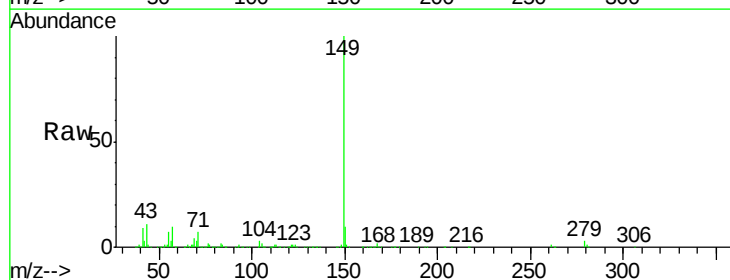
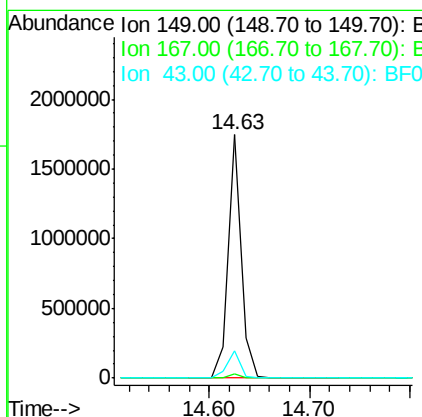
Manual Integrations
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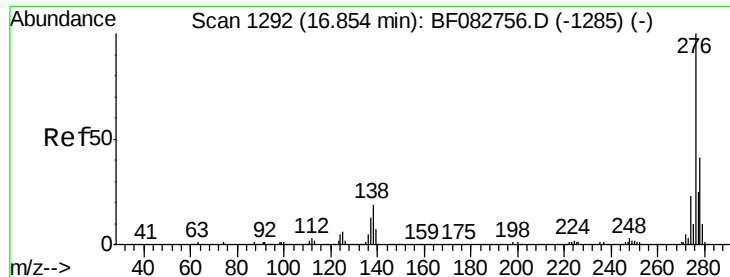
Mmdadoda
 11/9/2015 2:10:15 PM



#84
 Di-n-octyl phthalate
 Concen: 40.81 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1558467		
167	1.5	1.3	1.9	
43	11.5	10.1	15.1	





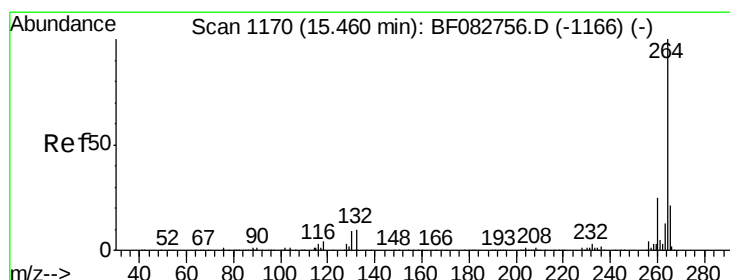
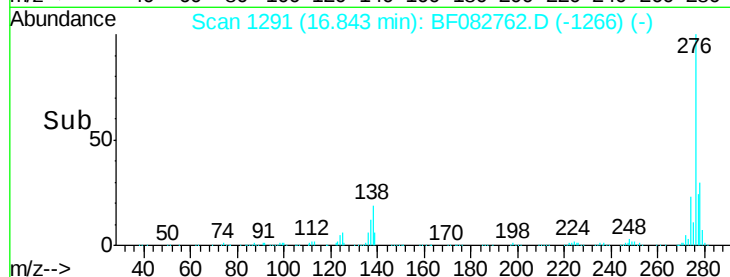
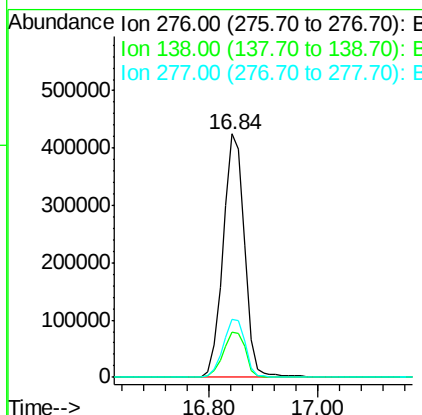
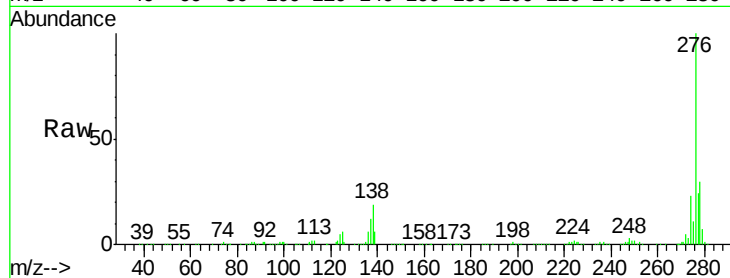
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.77 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.3	22.9
277	24.8	20.2	30.4

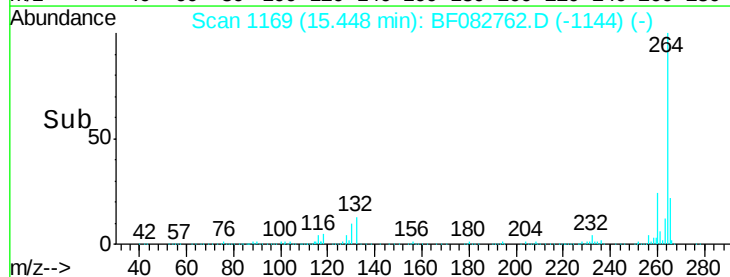
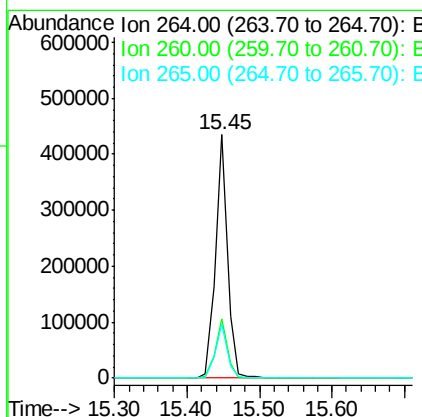
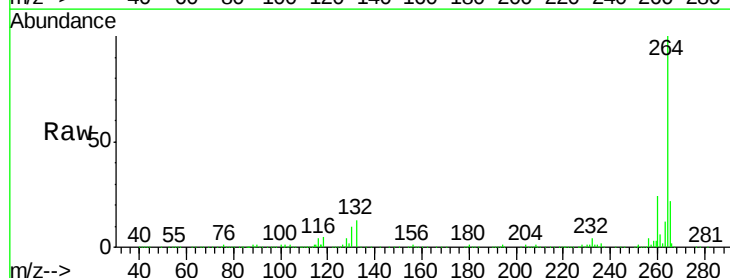
Manual Integrations
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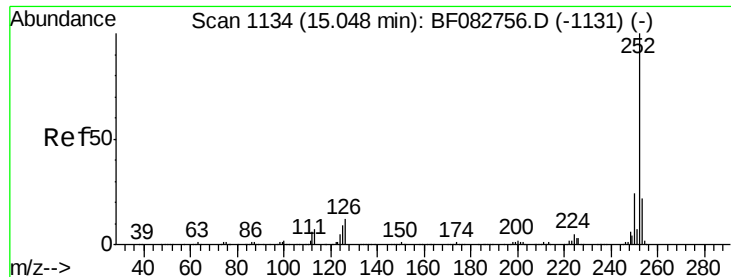
Mmdadoda
11/9/2015 2:10:15 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.6
265	22.3	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 43.54 ng m

RT: 15.05 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Instrument :

BNA_F

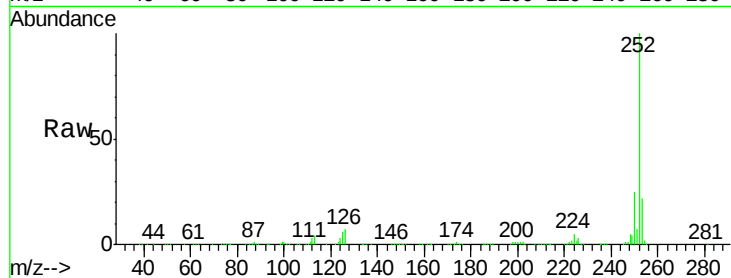
ClientSampleId :

SSTDCCC040

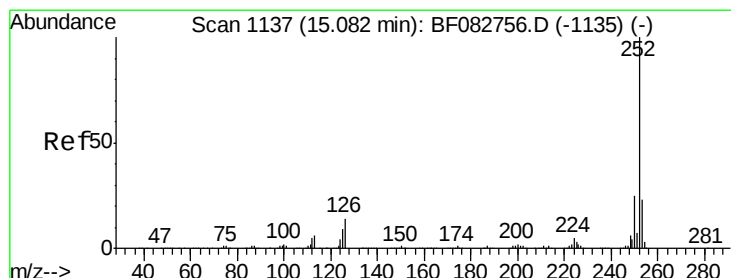
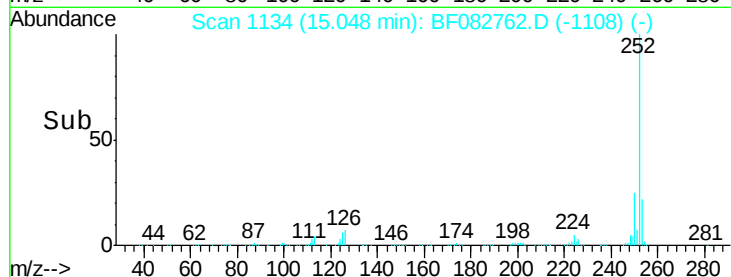
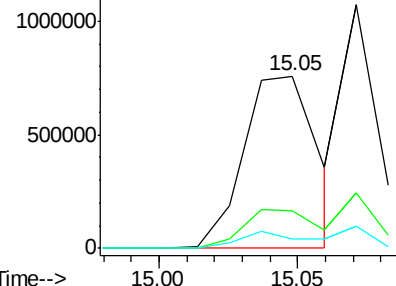
Tot Ion:	252	Resp:	1408170
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.8	26.8
125	5.5	5.4	8.2

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 33.27 ng m

RT: 15.07 min Scan# 1136

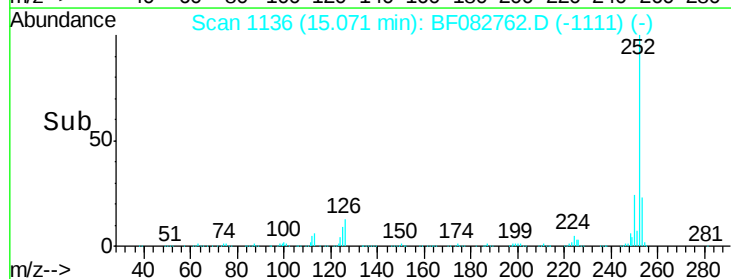
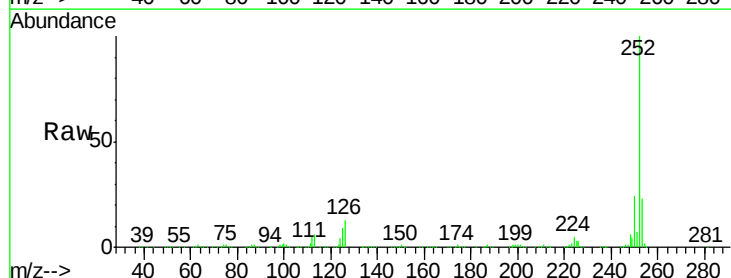
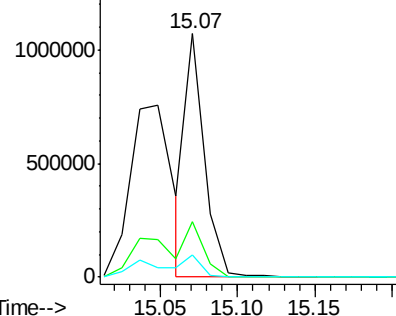
Delta R.T. -0.01 min

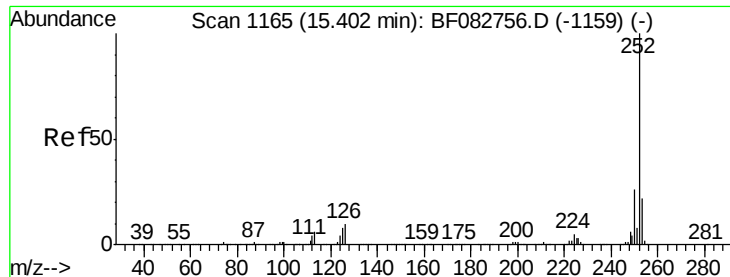
Lab File: BF082762.D

Acq: 6 Nov 2015 15:36

Tgt Ion:	252	Resp:	954737
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.9	26.9
125	9.1	3.5	5.3#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





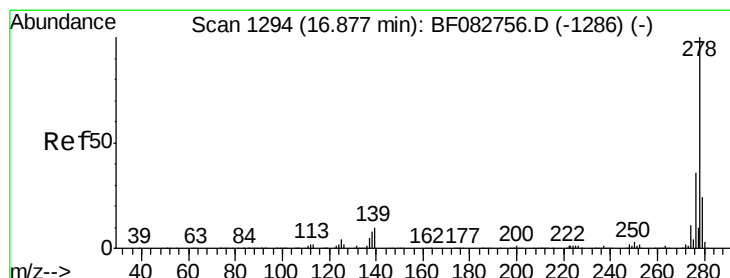
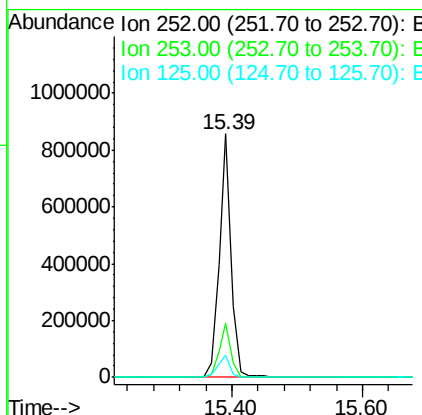
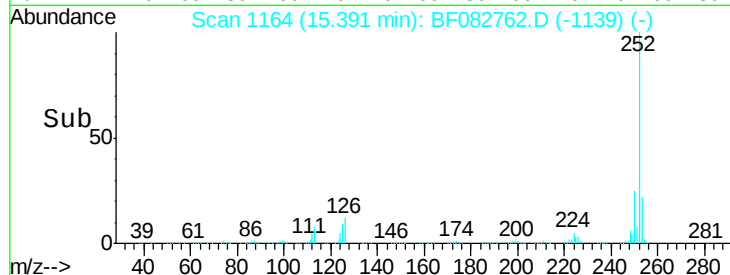
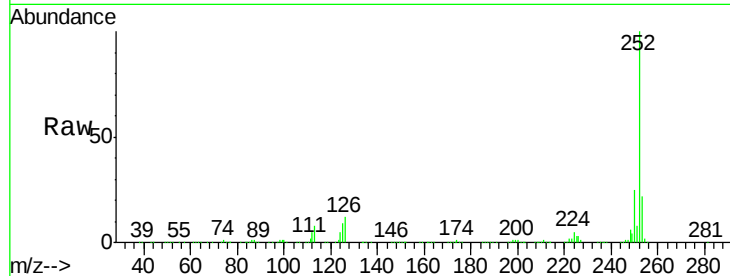
#89
Benzo(a)pyrene
Concen: 39.19 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1098193
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 8.9 7.1 10.7

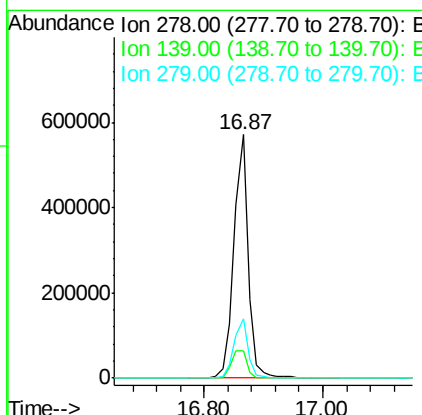
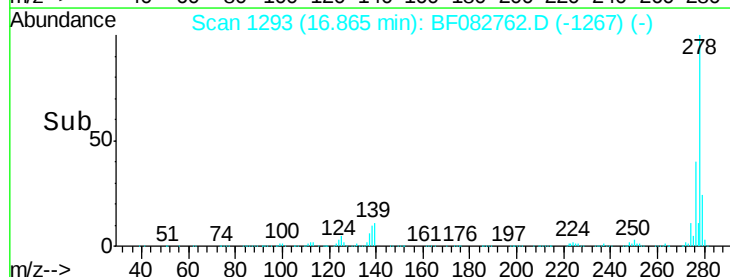
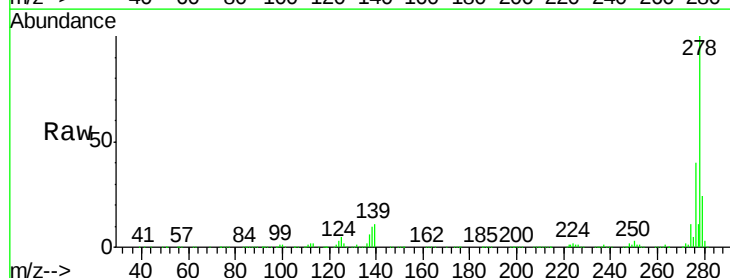
Manual Integrations
APPROVED

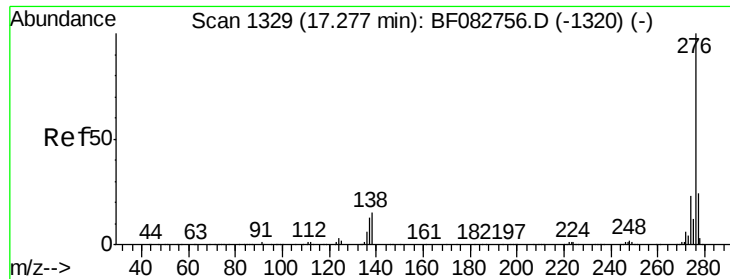
Mmdadoda
11/9/2015 2:10:15 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.25 ng
RT: 16.87 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF082762.D
Acq: 6 Nov 2015 15:36

Tgt Ion:278 Resp: 955080
Ion Ratio Lower Upper
278 100
139 11.1 9.9 14.9
279 24.3 19.6 29.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.12 ng
 RT: 17.27 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF082762.D
 Acq: 6 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	16.9	13.1	19.7

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:10:15 PM

