

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081378.D
 Acq On : 3 Sep 2015 15:29
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

MMDadoda
 9/4/2015 2:50:41 PM

Quant Time: Sep 04 03:50:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 04 01:59:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.38	152	55020	20.00	ng	0.00
21) Naphthalene-d8	7.67	136	227262	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	104805	20.00	ng	0.00
63) Phenanthrene-d10	10.87	188	211411	20.00	ng	0.00
75) Chrysene-d12	13.47	240	148284	20.00	ng	0.00
86) Perylene-d12	14.79	264	96573	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.91	112	291663	82.25	ng	0.00
7) Phenol-d6	6.04	99	387672	82.59	ng	0.00
23) Nitrobenzene-d5	6.95	82	378119	80.27	ng	0.00
41) 2,4,6-Tribromophenol	10.19	330	83784	89.78	ng	0.00
44) 2-Fluorobiphenyl	8.75	172	679417	83.07	ng	0.00
78) Terphenyl-d14	12.46	244	615728	96.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.68	88	62873	39.48	ng	# 93
3) Pyridine	2.24	79	160411	36.52	ng	# 88
4) n-Nitrosodimethylamine	2.19	42	111130	45.55	ng	# 71
6) Aniline	6.03	93	274860	41.47	ng	# 83
8) 2-Chlorophenol	6.16	128	165091	42.25	ng	# 87
9) Benzaldehyde	5.91	77	121863	41.43	ng	# 78
10) Phenol	6.06	94	210832	38.73	ng	# 48
11) bis(2-Chloroethyl)ether	6.12	93	163399	41.60	ng	# 90
12) 1,3-Dichlorobenzene	6.31	146	174562	41.81	ng	# 91
13) 1,4-Dichlorobenzene	6.39	146	170506	40.11	ng	# 89
14) 1,2-Dichlorobenzene	6.55	146	146495	38.27	ng	# 96
15) Benzyl Alcohol	6.54	79	155296	40.33	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	6.68	45	327800	43.54	ng	# 79
17) 2-Methylphenol	6.67	107	131700	42.24	ng	# 75
18) Hexachloroethane	6.88	117	66599	40.27	ng	# 93
19) n-Nitroso-di-n-propylamine	6.82	70	148558	46.50	ng	# 84
20) 3+4-Methylphenols	6.83	107	173107	41.18	ng	# 87
22) Acetophenone	6.80	105	238512	38.42	ng	# 75
24) Nitrobenzene	6.97	77	194657	39.79	ng	# 63
25) Isophorone	7.22	82	357661	40.82	ng	# 85
26) 2-Nitrophenol	7.29	139	89585	42.02	ng	# 45
27) 2,4-Dimethylphenol	7.36	122	153897	41.79	ng	# 79
28) bis(2-Chloroethoxy)methane	7.44	93	191672	37.87	ng	# 92
29) 2,4-Dichlorophenol	7.54	162	134398	42.09	ng	# 93
30) 1,2,4-Trichlorobenzene	7.61	180	137274	39.57	ng	# 97
31) Naphthalene	7.69	128	471184	38.88	ng	# 99
32) Benzoic acid	7.51	122	95954	37.11	ng	# 60
33) 4-Chloroaniline	7.75	127	186843	37.80	ng	# 78
34) Hexachlorobutadiene	7.82	225	88072	41.72	ng	# 100
35) Caprolactam	8.15	113	44069	45.00	ng	# 47
36) 4-Chloro-3-methylphenol	8.26	107	167017	46.73	ng	# 79
37) 2-Methylnaphthalene	8.38	142	327472	41.52	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.55	216	135031	40.74	ng	# 98
40) Hexachlorocyclopentadiene	8.54	237	58511	35.97	ng	# 97

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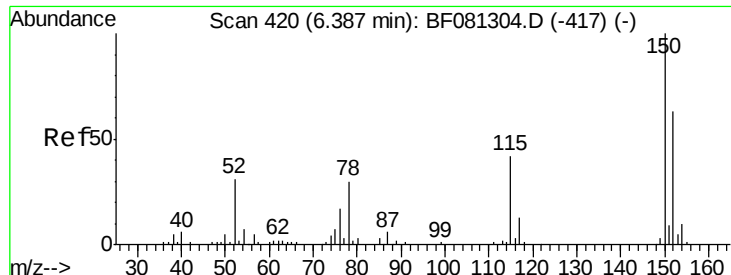
Manual Integrations
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 9/4/2015 2:50:41 PM

Quant Time: Sep 04 03:50:44 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	90591	39.60	nq	98
43) 2,4,5-Trichlorophenol	8.72	196	93672	40.14	nq #	96
45) 1,1'-Biphenyl	8.84	154	401381	41.63	nq	96
46) 2-Chloronaphthalene	8.86	162	256154	36.79	nq #	86
47) 2-Nitroaniline	8.97	65	128845	45.40	nq #	61
48) Acenaphthylene	9.27	152	504806	40.86	nq	97
49) Dimethylphthalate	9.16	163	346374	42.54	nq #	97
50) 2,6-Dinitrotoluene	9.22	165	77182	41.76	nq #	78
51) Acenaphthene	9.44	154	280984	39.98	nq	89
52) 3-Nitroaniline	9.38	138	82244	39.09	nq #	45
53) 2,4-Dinitrophenol	9.50	184	28301	36.36	nq #	72
54) Dibenzofuran	9.61	168	407879	39.75	nq #	85
55) 4-Nitrophenol	9.58	139	52899m	40.02	nq	
56) 2,4-Dinitrotoluene	9.61	165	92463	39.29	nq #	1
57) Fluorene	9.95	166	334555	42.96	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.74	232	69603m	39.07	nq	
59) Diethylphthalate	9.86	149	337542	39.41	nq	99
60) 4-Chlorophenyl-phenylether	9.95	204	159963	44.07	nq #	90
61) 4-Nitroaniline	9.99	138	88125	41.46	nq #	22
62) Azobenzene	10.11	77	396892	41.68	nq	93
64) 4,6-Dinitro-2-methylphenol	10.02	198	48694	41.18	nq	95
65) n-Nitrosodiphenylamine	10.08	169	304108	39.53	nq	90
66) 4-Bromophenyl-phenylether	10.43	248	83240	38.94	nq #	89
67) Hexachlorobenzene	10.49	284	92544	41.41	nq #	87
68) Atrazine	10.62	200	88292	39.66	nq	83
69) Pentachlorophenol	10.70	266	43468	44.33	nq	98
70) Phenanthrene	10.89	178	414268	35.25	nq	97
71) Anthracene	10.95	178	503425	41.69	nq	98
72) Carbazole	11.11	167	386165	34.08	nq	96
73) Di-n-butylphthalate	11.46	149	514783	38.47	nq #	98
74) Fluoranthene	12.07	202	508447	39.96	nq	87
76) Benzidine	12.20	184	184165	28.93	nq	98
77) Pyrene	12.28	202	450478	41.01	nq	98
79) Butylbenzylphthalate	12.94	149	211941	44.37	nq #	74
80) Benzo(a)anthracene	13.46	228	390272	41.33	nq	96
81) 3,3'-Dichlorobenzidine	13.45	252	133390	41.88	nq #	93
82) Chrysene	13.51	228	389735	46.04	nq	94
83) Bis(2-ethylhexyl)phthalate	13.51	149	273998	43.46	nq #	92
84) Di-n-octyl phthalate	14.11	149	399619	38.50	nq	96
85) Indeno(1,2,3-cd)pyrene	15.86	276	239882	38.62	nq #	87
87) Benzo(b)fluoranthene	14.46	252	273028m	39.60	nq	
88) Benzo(k)fluoranthene	14.48	252	238491m	41.69	nq	
89) Benzo(a)pyrene	14.74	252	237560	40.66	nq #	82
90) Dibenzo(a,h)anthracene	15.89	278	196900	43.61	nq #	77
91) Benzo(g,h,i)perylene	16.18	276	203042	47.12	nq #	77

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



#1

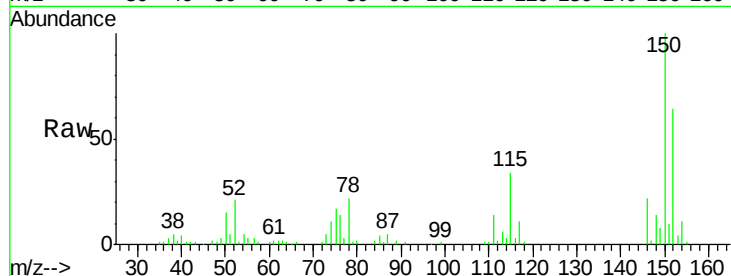
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.38 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

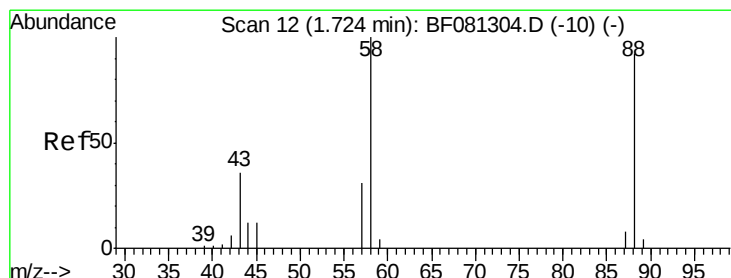
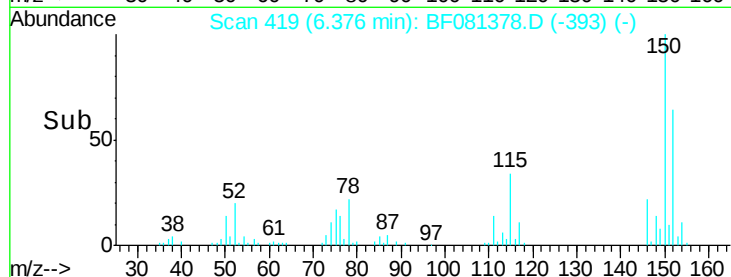
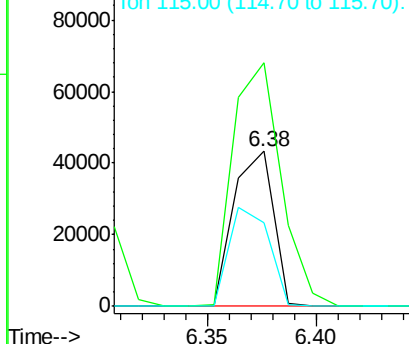
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.7	187.1
115	54.1	39.0	58.4

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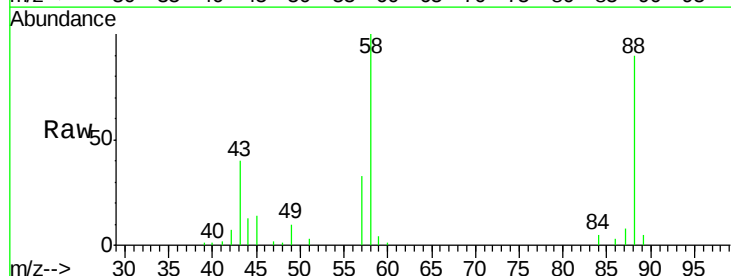
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



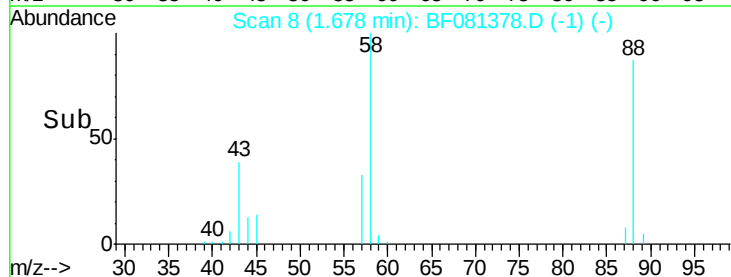
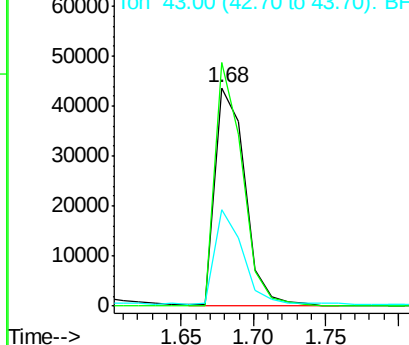
#2

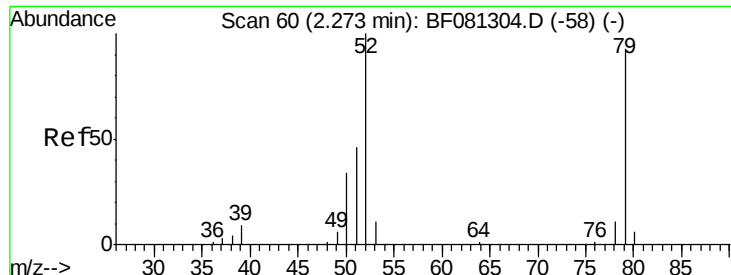
1,4-Dioxane
Concen: 39.48 ng
RT: 1.68 min Scan# 8
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.5	77.7	116.5
43	40.9	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: 36.52 ng

RT: 2.24 min Scan# 57

Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

Instrument :

BNA_F

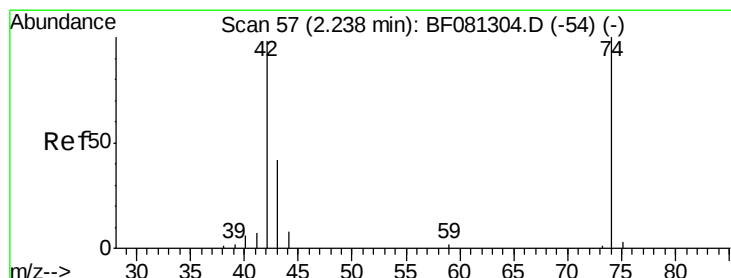
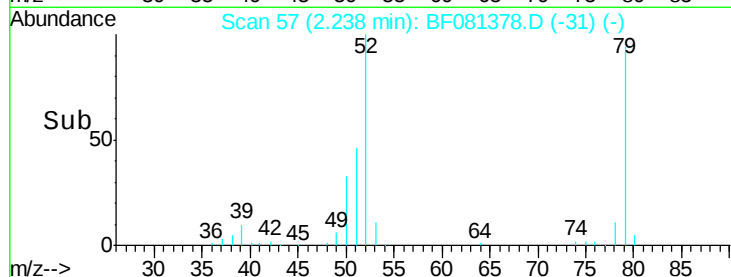
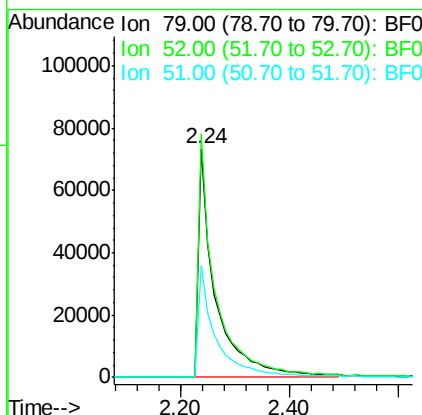
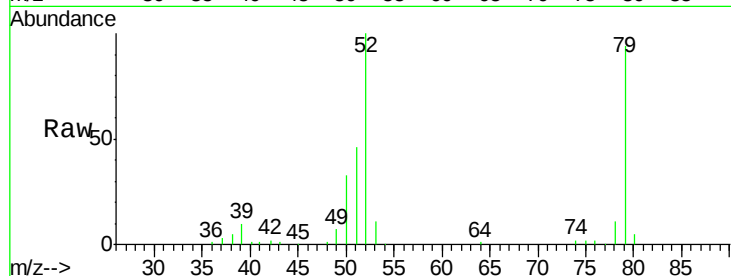
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	160411
Ion Ratio	Lower	Upper	
79	100		
52	106.6	76.8	115.2
51	48.9	32.2	48.4#

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#4

n-Nitrosodimethylamine

Concen: 45.55 ng

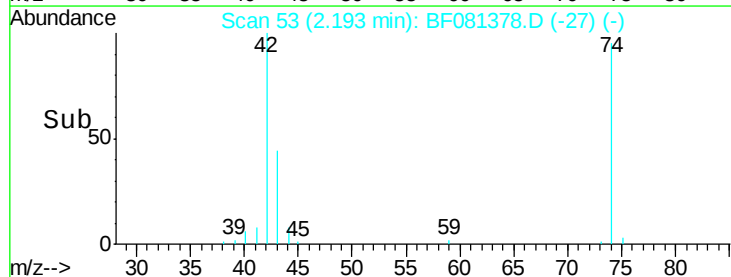
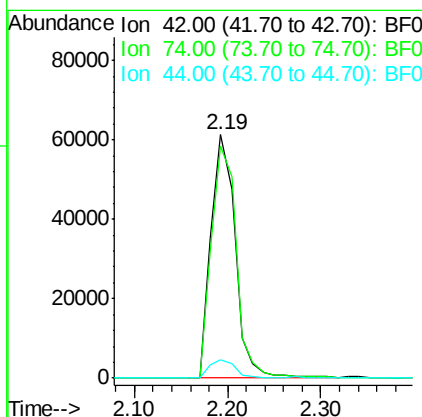
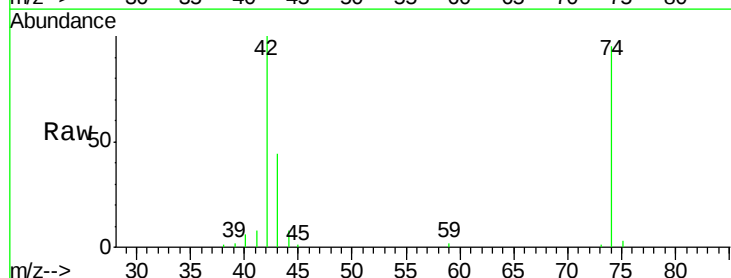
RT: 2.19 min Scan# 53

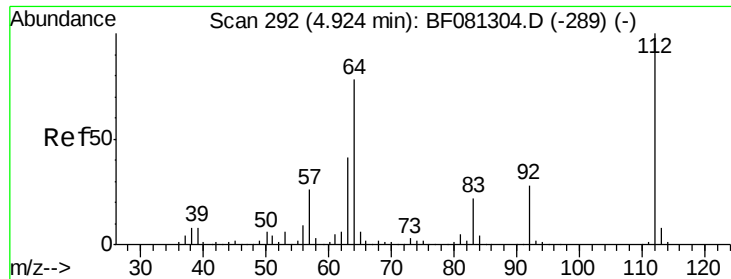
Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

Tgt Ion:	42	Resp:	111130
Ion Ratio	Lower	Upper	
42	100		
74	95.1	105.0	157.6#
44	7.8	6.6	10.0





#5

2-Fluorophenol

Concen: 82.25 ng

RT: 4.91 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

Instrument :

BNA_F

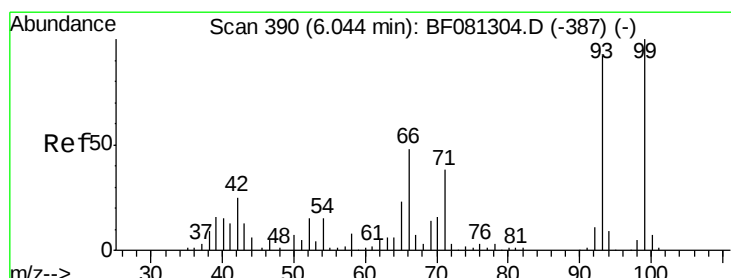
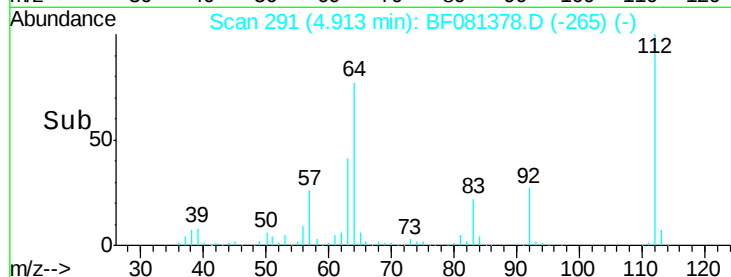
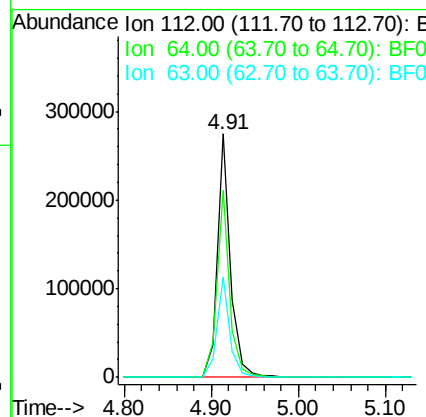
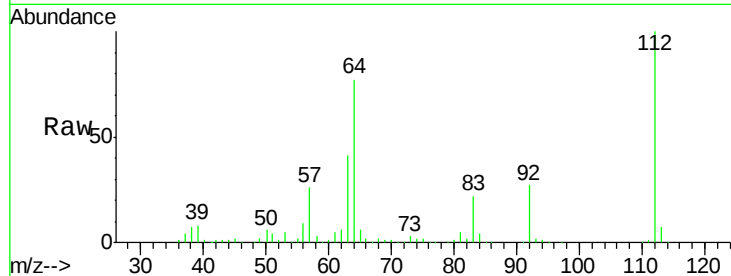
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	291663
Ion Ratio	Lower	Upper	
112	100		
64	76.9	39.7	59.5#
63	41.1	17.4	26.0#

Manual Integrations
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#6

Aniline

Concen: 41.47 ng

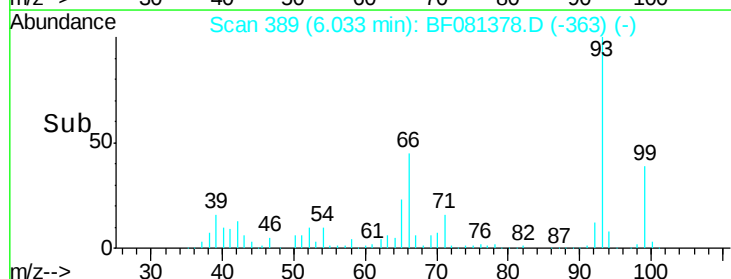
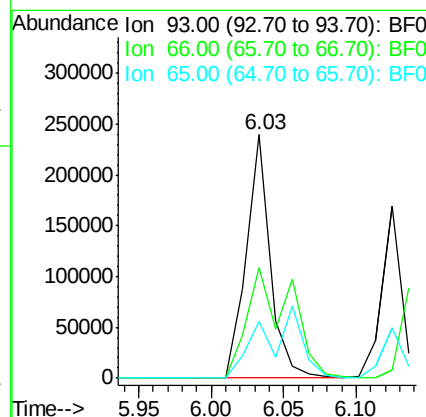
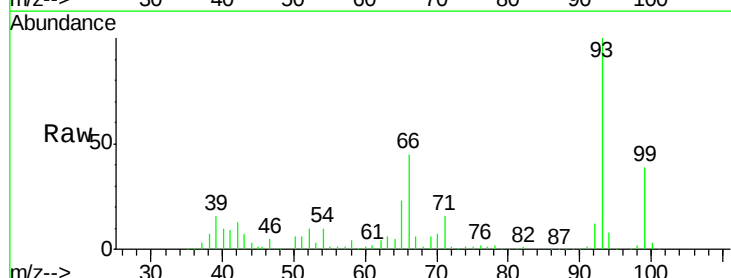
RT: 6.03 min Scan# 389

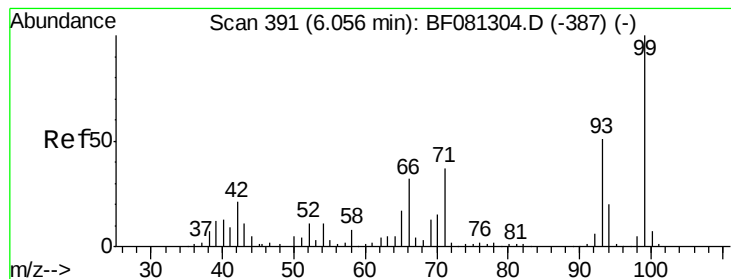
Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

Tgt Ion:	93	Resp:	274860
Ion Ratio	Lower	Upper	
93	100		
66	45.3	27.2	40.8#
65	23.1	14.7	22.1#





#7

Phenol-d6

Concen: 82.59 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 387672

Ion Ratio Lower Upper

99 100

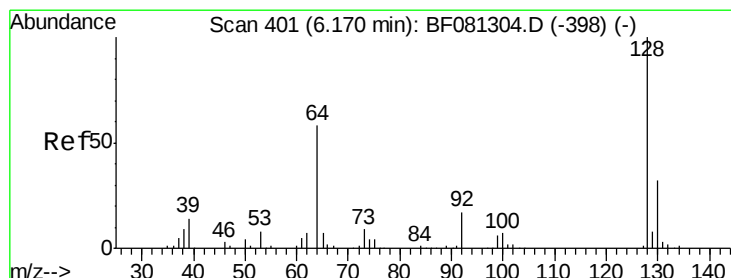
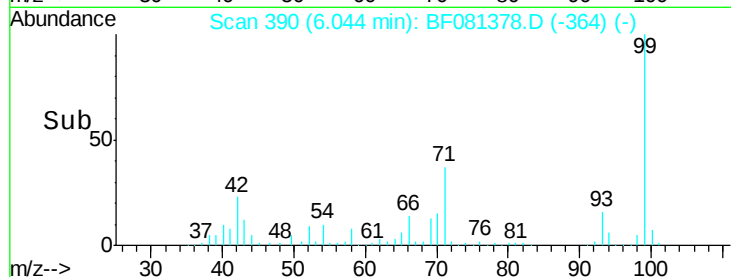
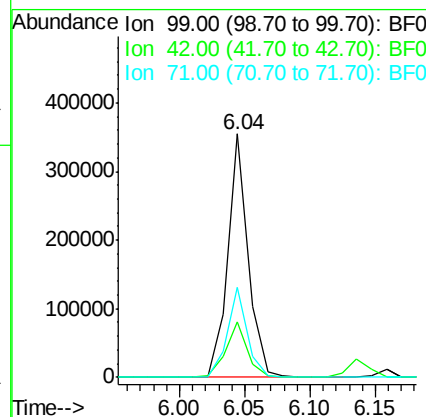
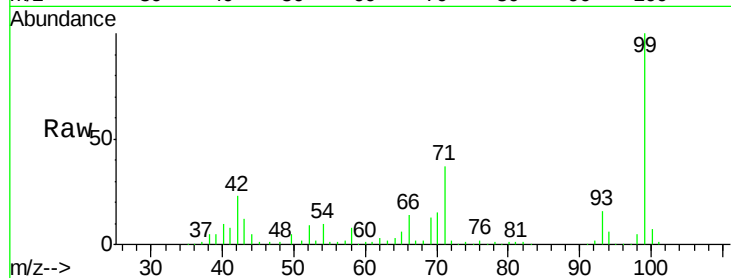
42 23.0 13.7 20.5#

71 36.9 14.2 21.2#

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#8

2-Chlorophenol

Concen: 42.25 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

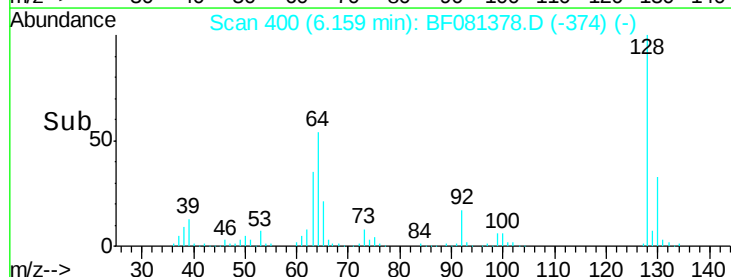
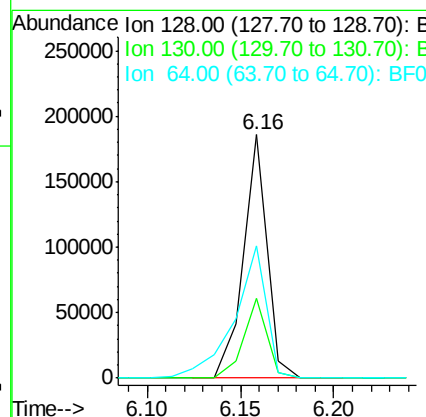
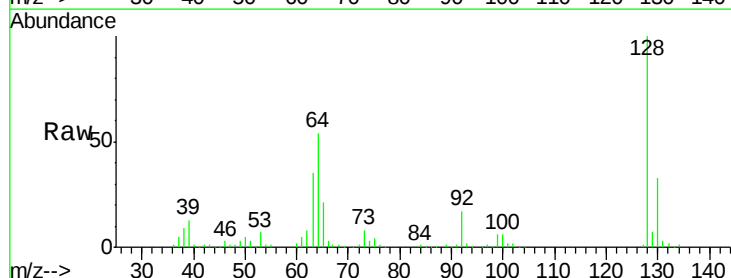
Tgt Ion: 128 Resp: 165091

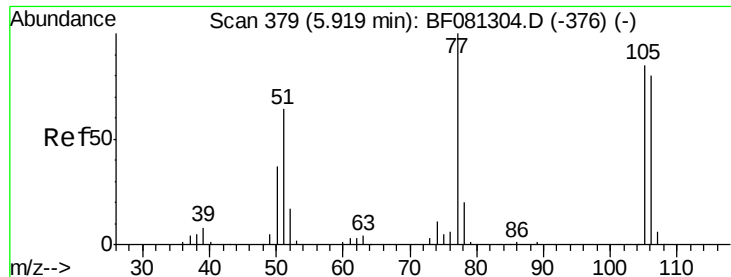
Ion Ratio Lower Upper

128 100

130 32.7 12.2 52.2

64 54.4 20.5 60.5





#9

Benzaldehyde

Concen: 41.43 ng

RT: 5.91 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

Instrument :

BNA_F

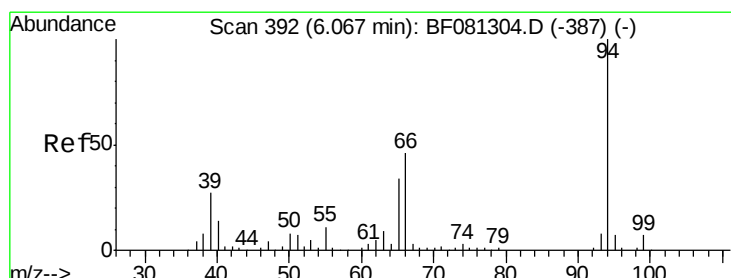
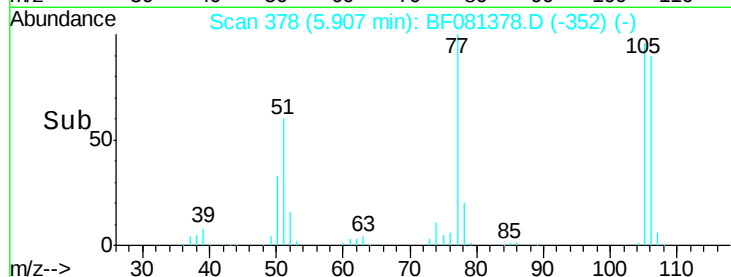
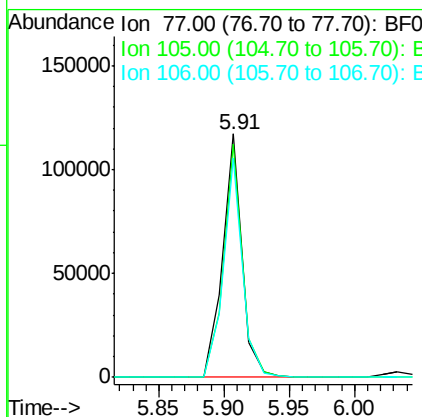
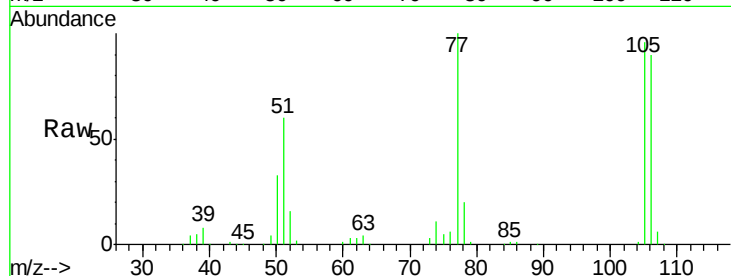
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	121863
Ion Ratio	Lower	Upper	
77	100		
105	96.1	91.6	131.6
106	90.1	102.6	142.6#

Manual Integrations
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#10

Phenol

Concen: 38.73 ng

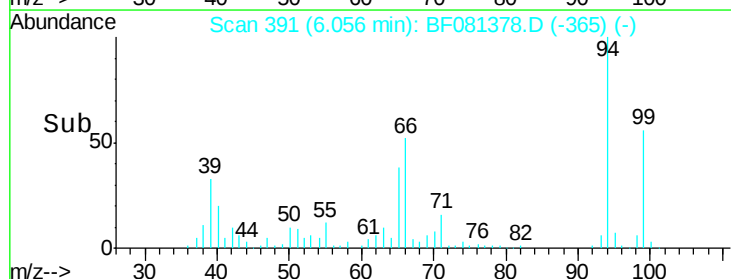
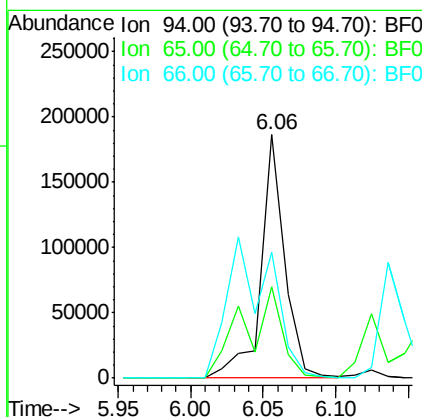
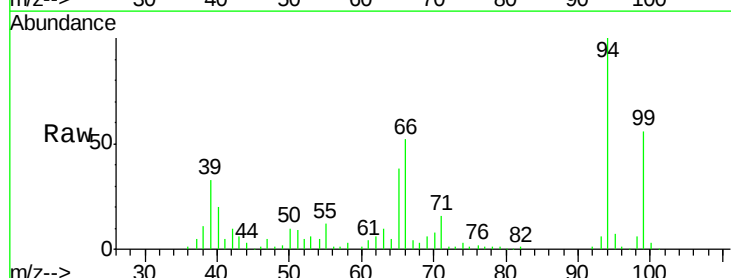
RT: 6.06 min Scan# 391

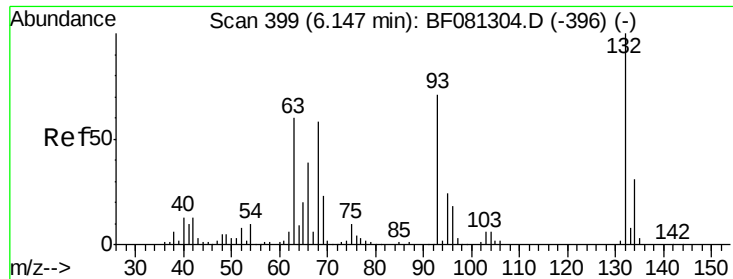
Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

Tgt Ion:	94	Resp:	210832
Ion Ratio	Lower	Upper	
94	100		
65	37.7	0.7	40.7
66	51.9	0.8	40.8#





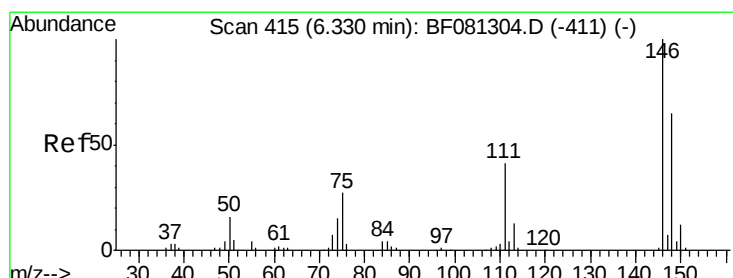
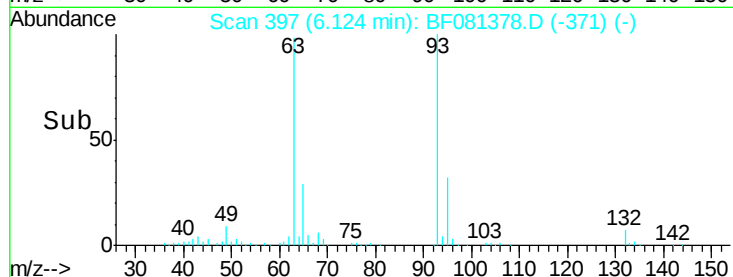
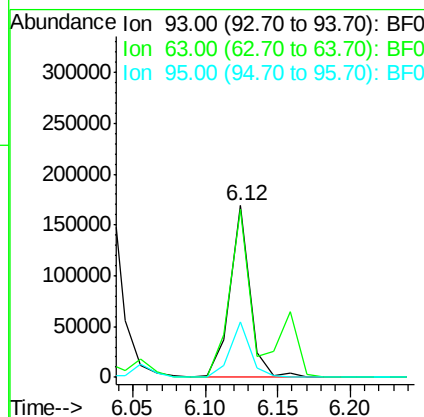
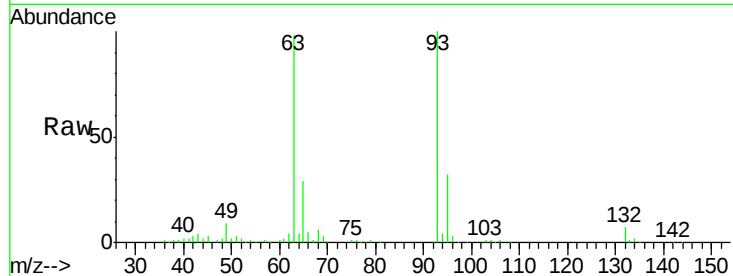
#11
bis(2-Chloroethyl)ether
Concen: 41.60 ng
RT: 6.12 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		163399		
63	97.8	65.6	105.6		
95	32.3	13.6	53.6		

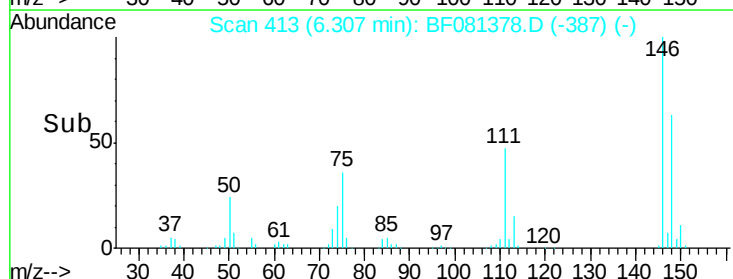
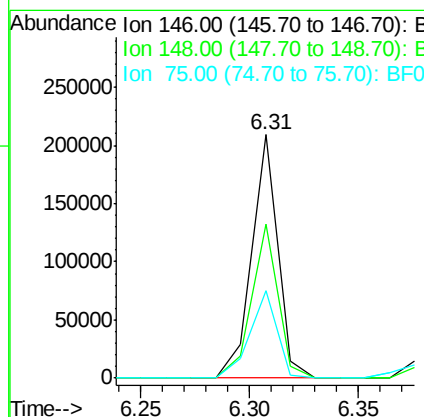
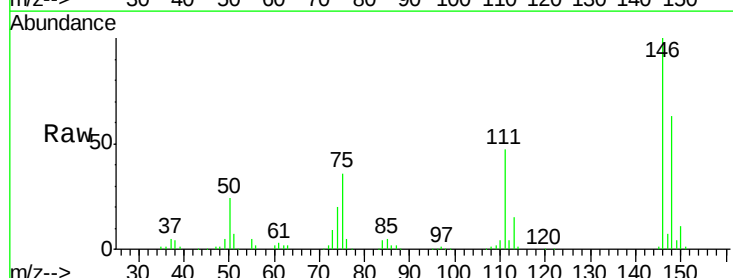
Manual Integrations
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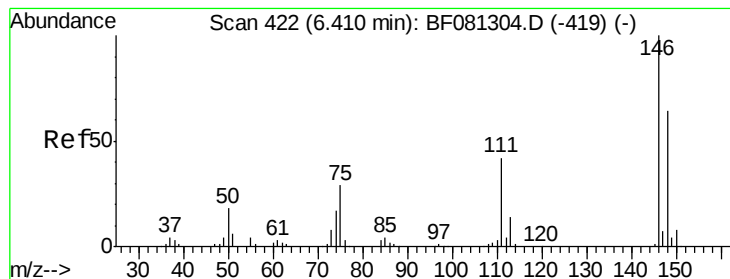
MMDadoda
9/4/2015 2:50:41 PM



#12
1,3-Dichlorobenzene
Concen: 41.81 ng
RT: 6.31 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		174562		
148	63.2	51.0	76.4		
75	36.0	15.0	22.6		





#13

1,4-Dichlorobenzene

Concen: 40.11 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

Instrument :

BNA_F

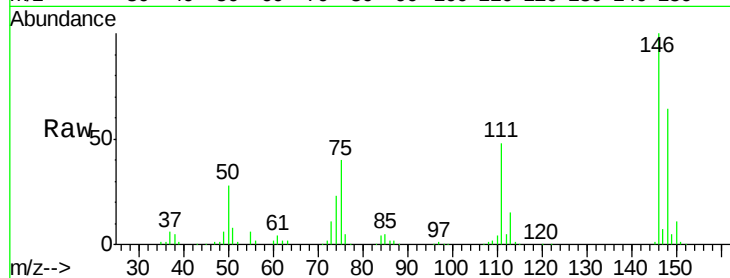
ClientSampleId :

SSTDCCC040

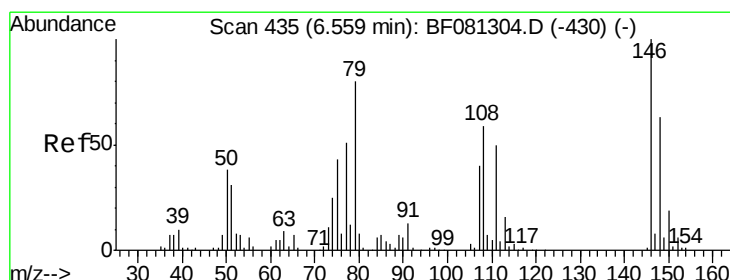
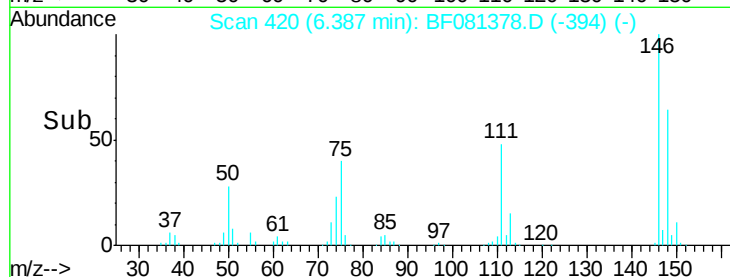
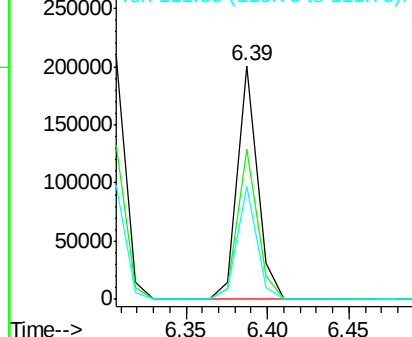
Tot Ion:	146	Resp:	170506
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.8	77.6
111	48.5	24.9	37.3#

Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.27 ng

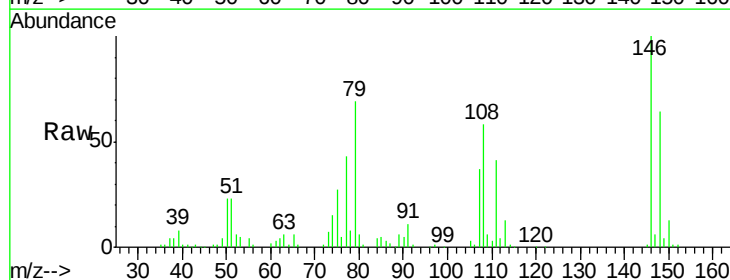
RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

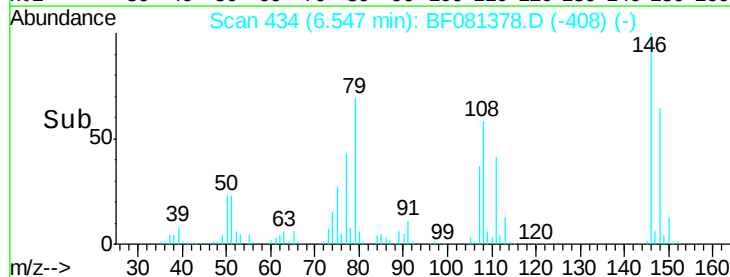
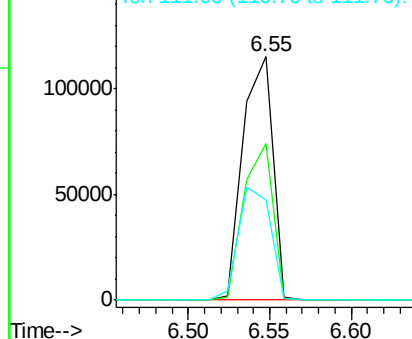
Lab File: BF081378.D

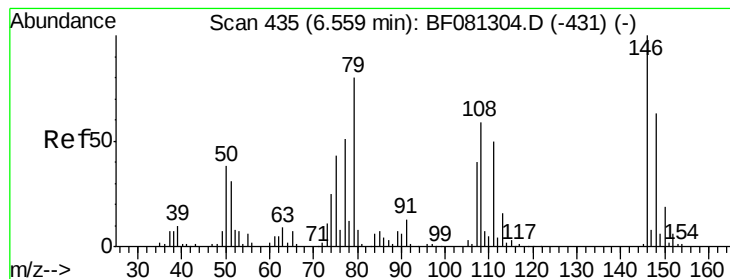
Acq: 3 Sep 2015 15:29

Tgt Ion:	146	Resp:	146495
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.7	79.1
111	41.4	28.8	43.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.33 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 155296

Ion Ratio Lower Upper

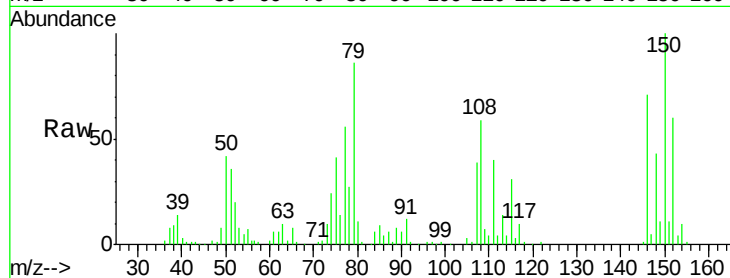
79 100

108 68.0 88.6 132.8#

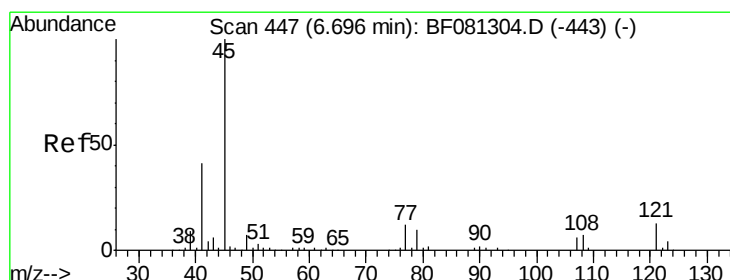
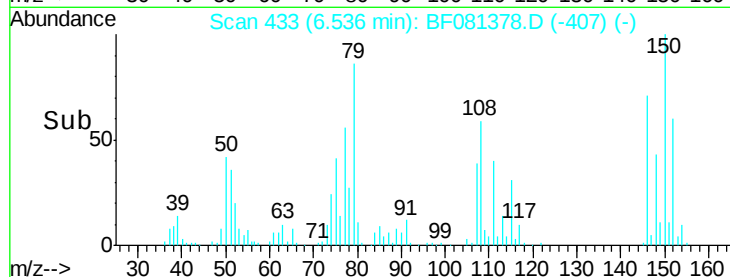
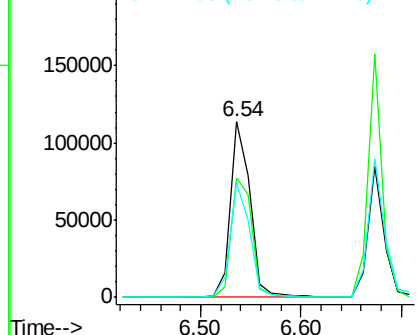
77 65.2 47.0 70.4

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



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.54 ng

RT: 6.68 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

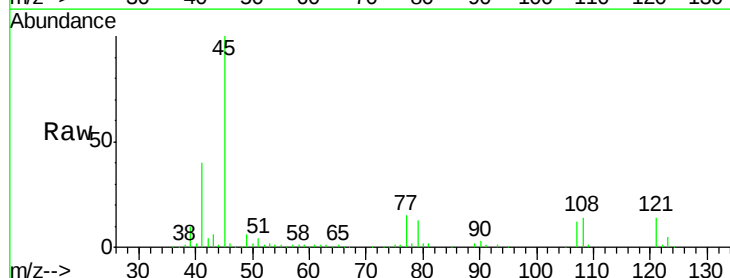
Tgt Ion: 45 Resp: 327800

Ion Ratio Lower Upper

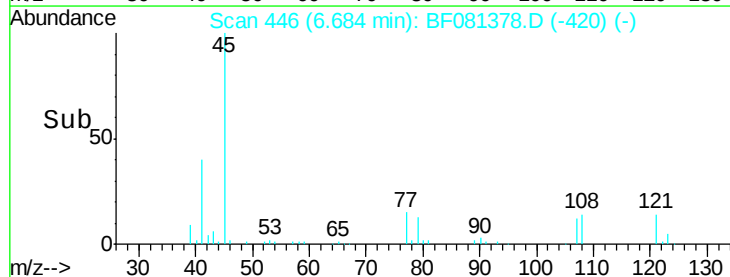
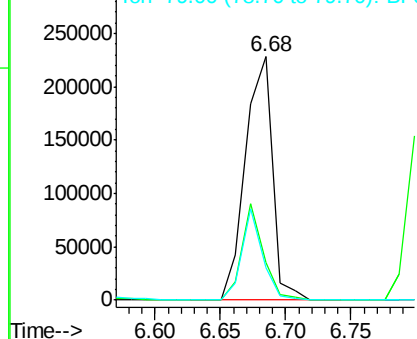
45 100

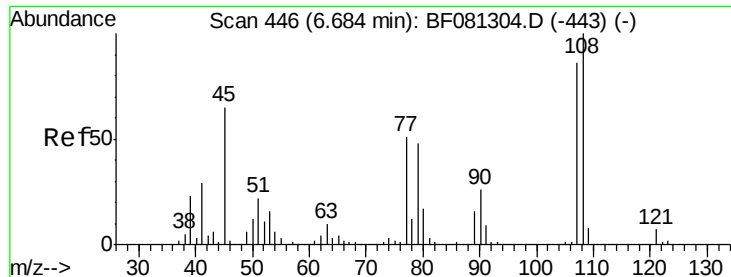
77 15.2 0.0 28.1

79 13.5 0.0 26.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





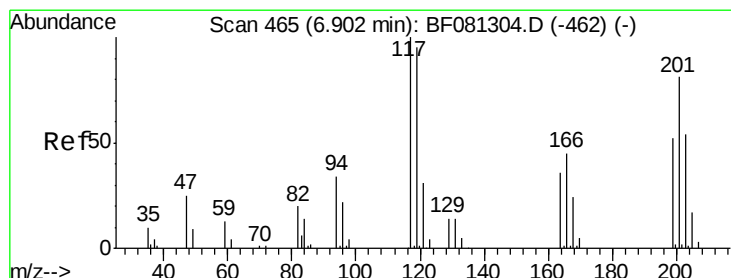
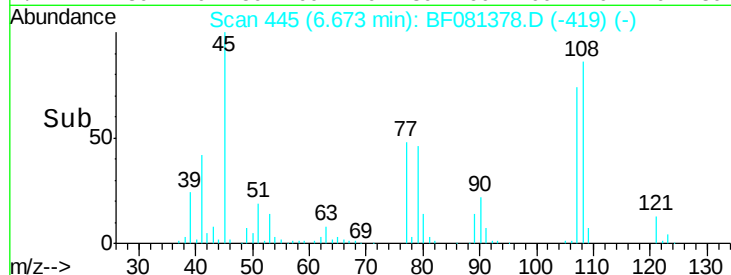
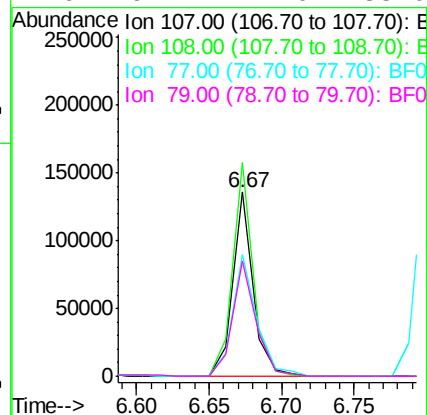
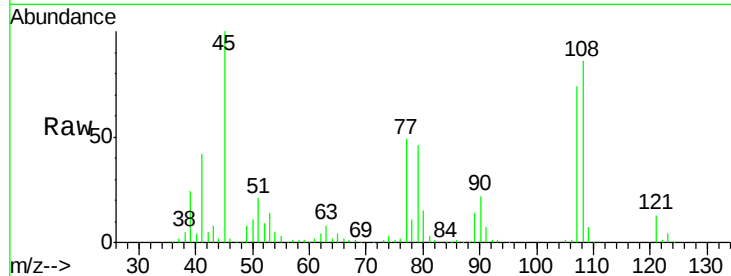
#17
2-Methylphenol
Concen: 42.24 ng
RT: 6.67 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	116.1	96.6	145.0
77	66.3	23.3	34.9
79	62.7	22.0	33.0

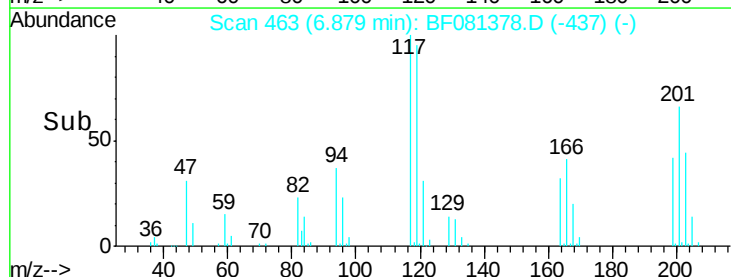
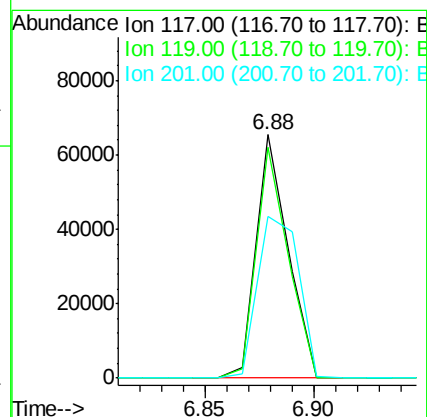
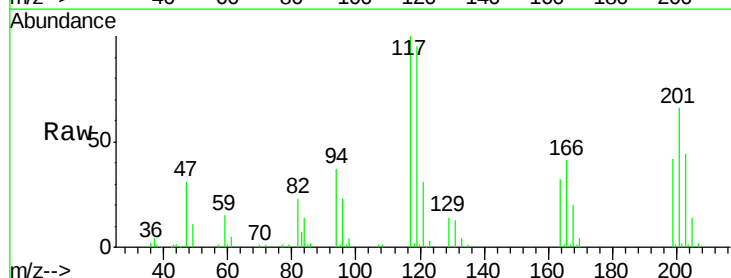
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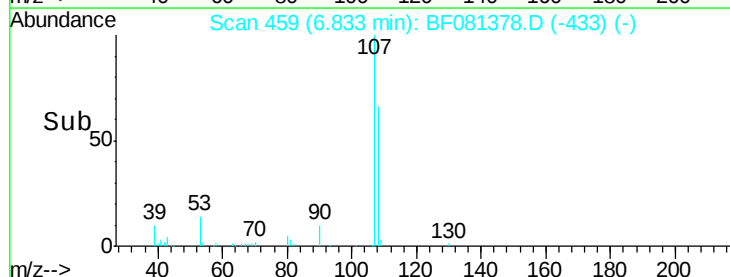
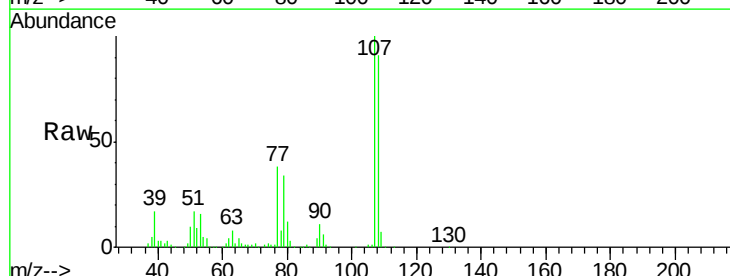
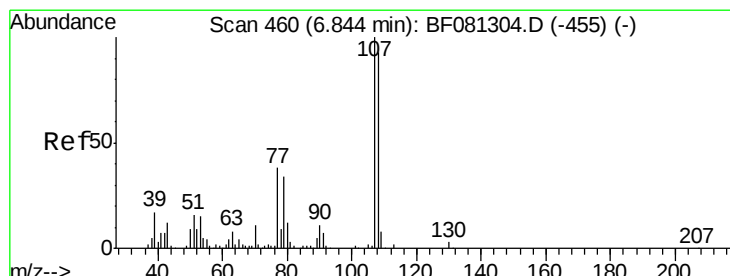
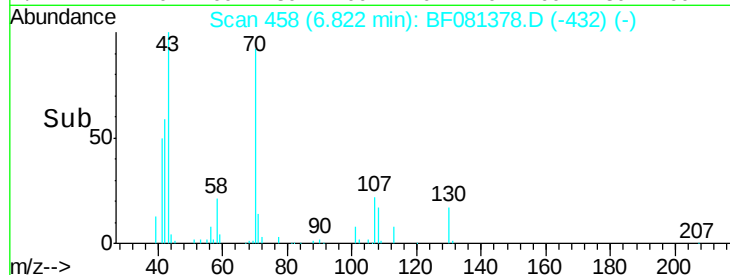
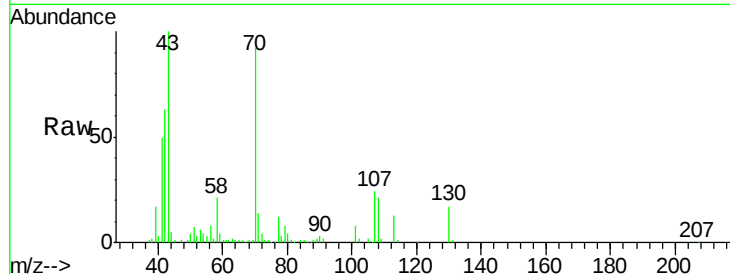
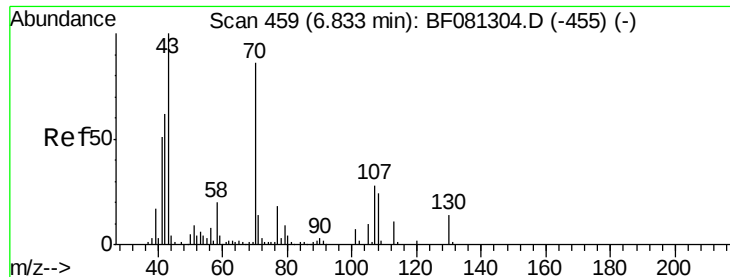
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#18
Hexachloroethane
Concen: 40.27 ng
RT: 6.88 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	94.6	83.8	125.6
201	66.4	55.1	82.7





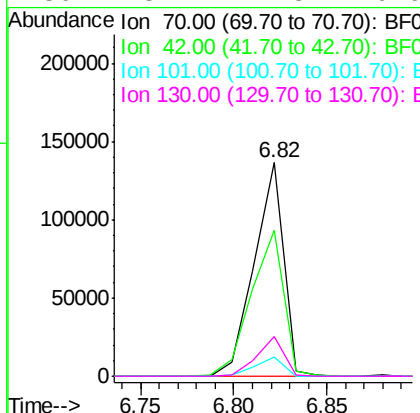
#19
n-Nitroso-di-n-propylamine
Concen: 46.50 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	68.4	63.8	95.6		
101	8.8	9.2	13.8		
130	18.4	27.3	40.9		

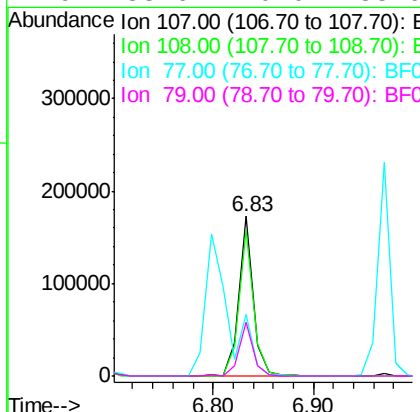
Manual Integrations
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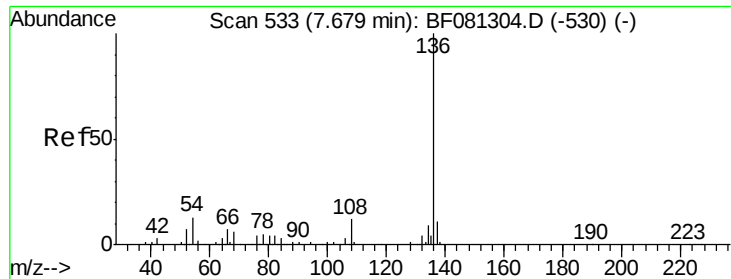
MMDadoda
9/4/2015 2:50:41 PM



#20
3+4-Methylphenols
Concen: 41.18 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.0	74.6	114.6		
77	38.3	0.7	40.7		
79	33.6	0.0	38.9		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.67 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

Instrument :

BNA_F

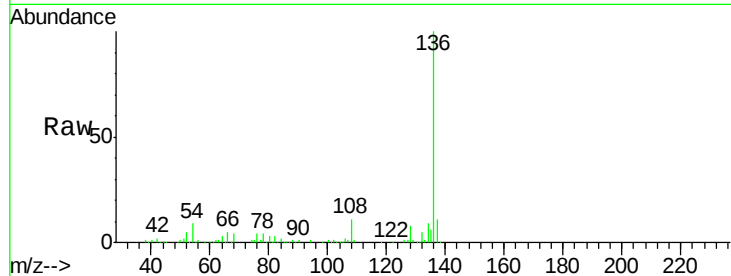
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	227262		
137	11.0	9.0	13.6	
54	8.7	8.2	12.2	
68	4.3	5.8	8.6	

Manual Integrations
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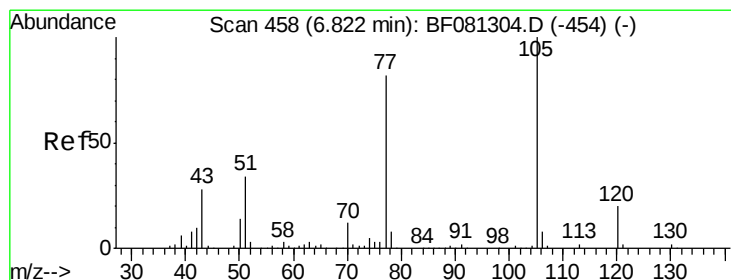
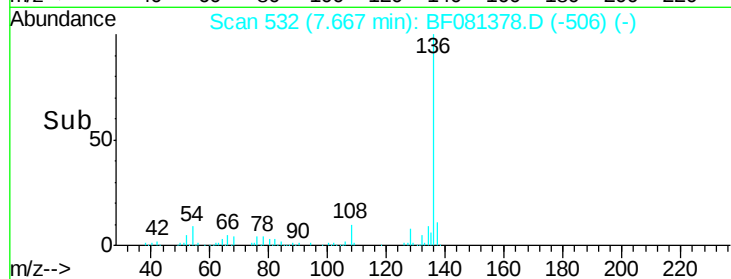
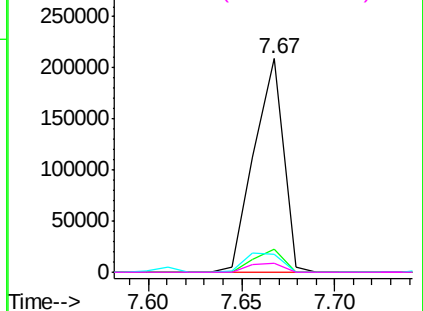
Abundance

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: 38.42 ng

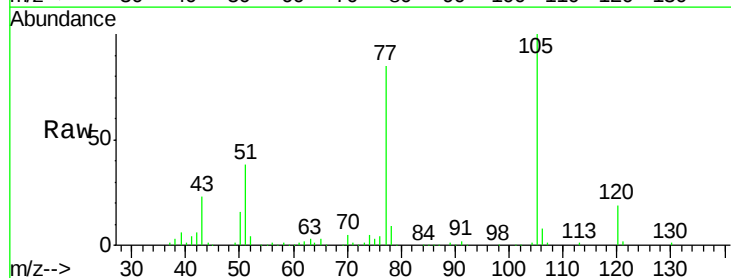
RT: 6.80 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	238512		
71	0.9	4.7	7.1	
51	38.3	22.0	33.0	
120	19.2	30.1	45.1	



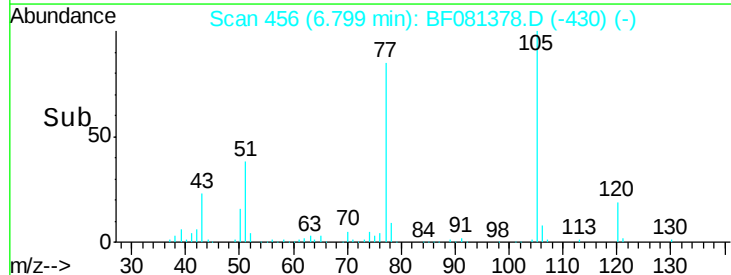
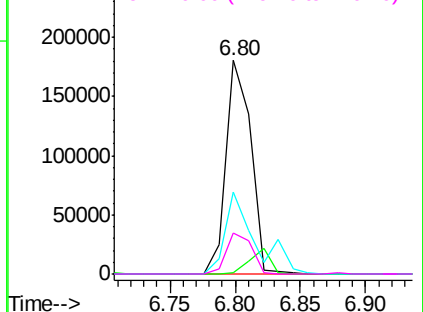
Abundance

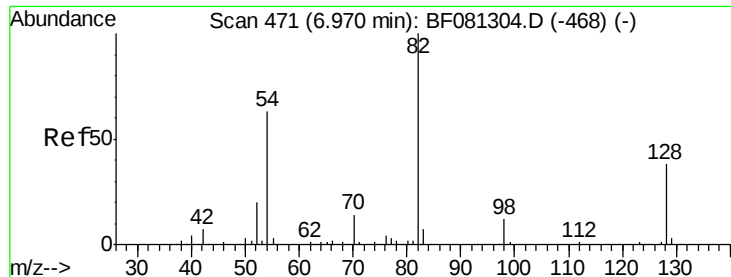
Ion 105.00 (104.70 to 105.70): E

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





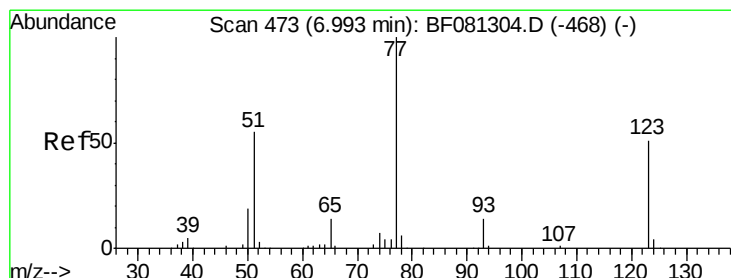
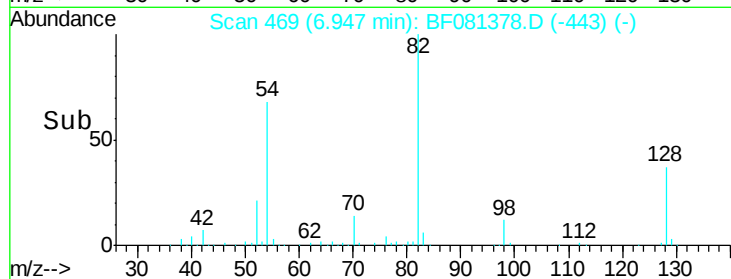
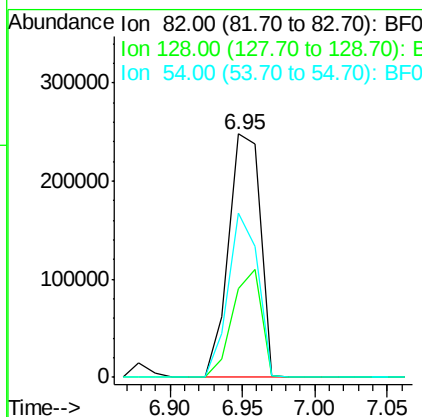
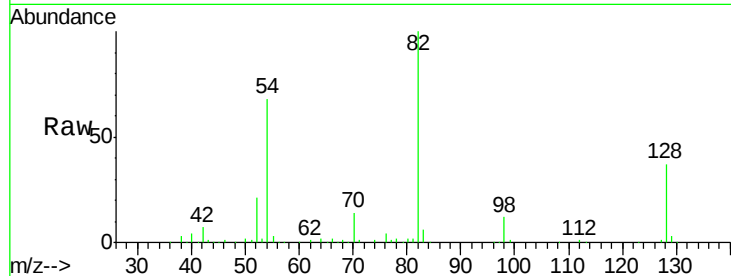
#23
Nitrobenzene-d5
Concen: 80.27 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	378119		
128	36.7	51.0	76.6#	
54	67.6	47.5	71.3	

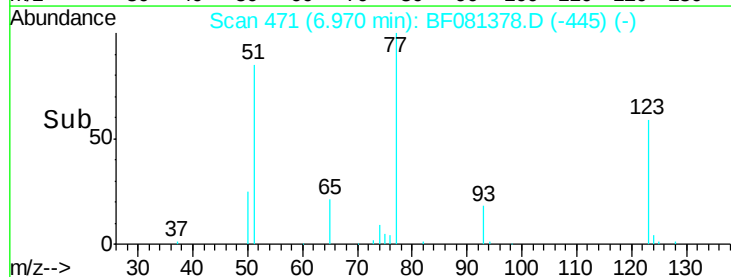
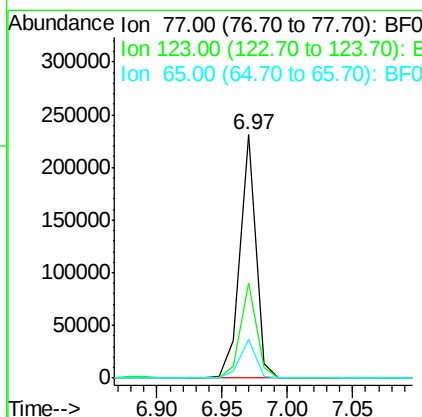
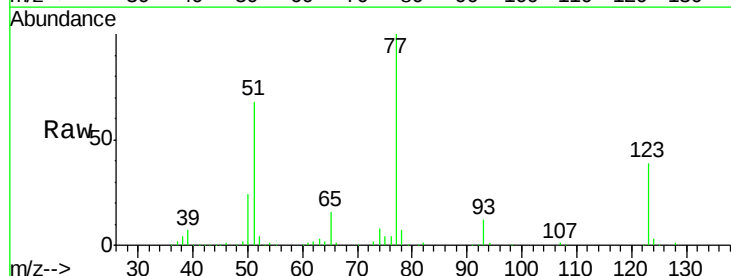
Manual Integrations
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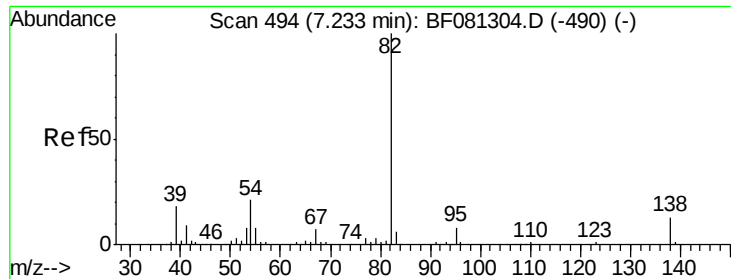
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#24
Nitrobenzene
Concen: 39.79 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	194657		
123	39.2	59.8	89.8#	
65	15.8	10.2	15.4#	





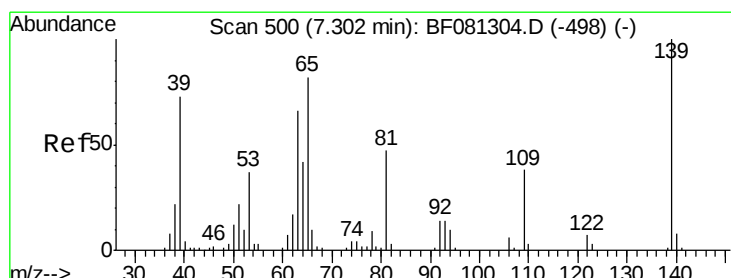
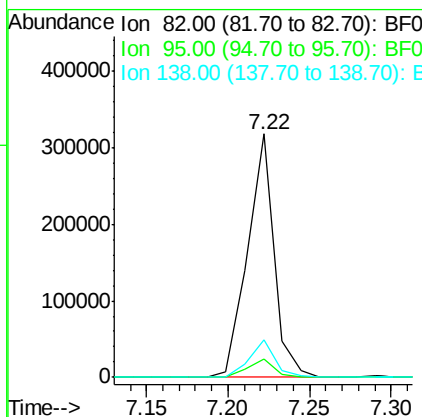
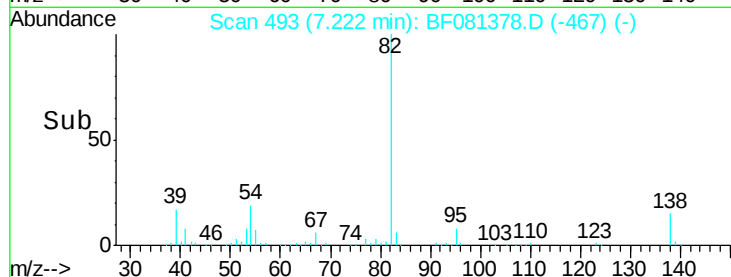
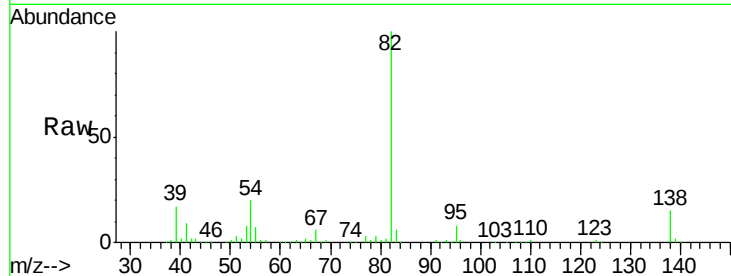
#25
Isophorone
Concen: 40.82 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.6	4.0	6.0#	
138	15.2	18.3	27.5#	

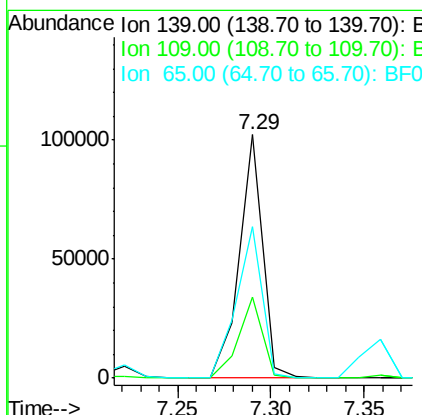
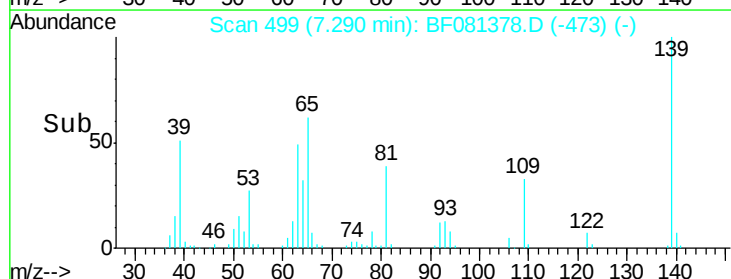
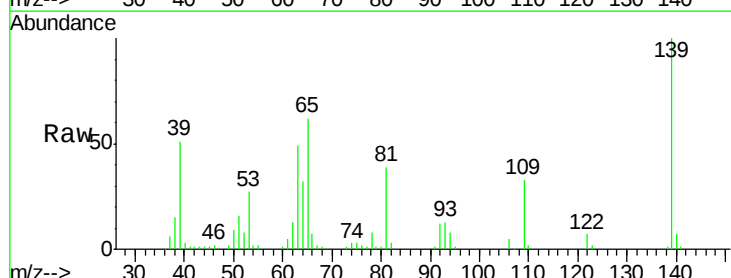
Manual Integrations
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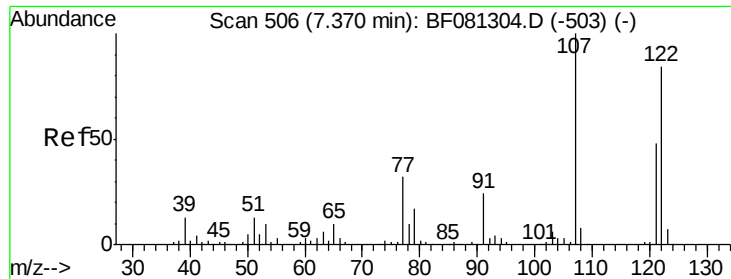
MMDadoda
9/4/2015 2:50:41 PM



#26
2-Nitrophenol
Concen: 42.02 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	33.4	11.0	16.4#	
65	62.3	24.7	37.1#	





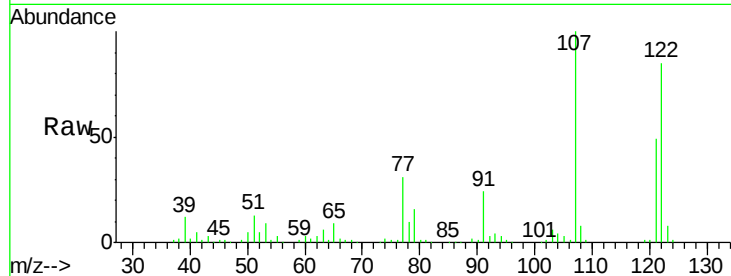
#27
 2,4-Dimethylphenol
 Concen: 41.79 ng
 RT: 7.36 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.9	71.8	107.6#
121	57.7	42.3	63.5

Manual Integrations
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MMDadoda
 9/4/2015 2:50:41 PM

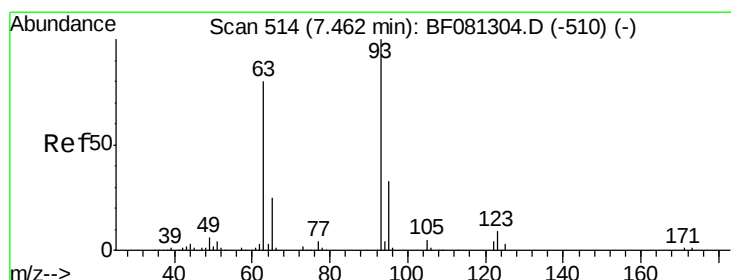
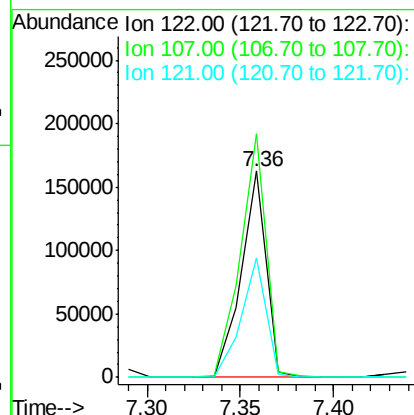
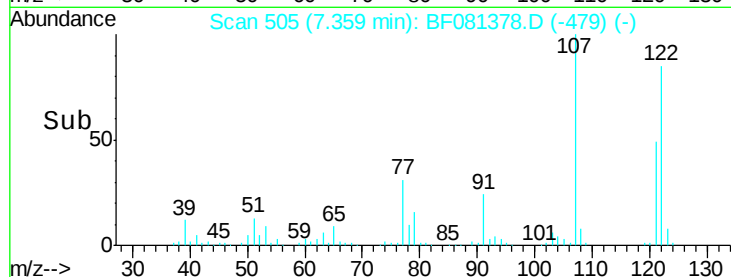


Abundance

Ion 122.00 (121.70 to 122.70): E

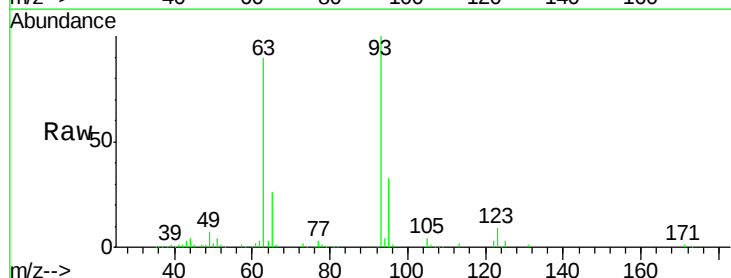
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.87 ng
 RT: 7.44 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	27.5	41.3
123	8.8	13.7	20.5#

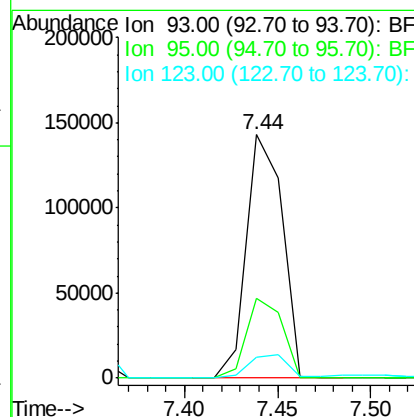
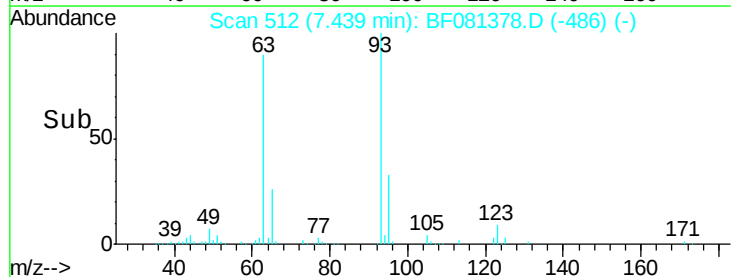


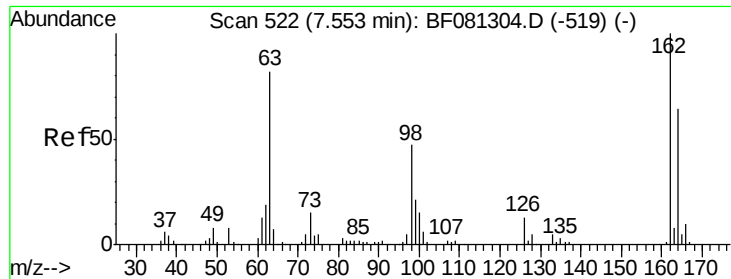
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





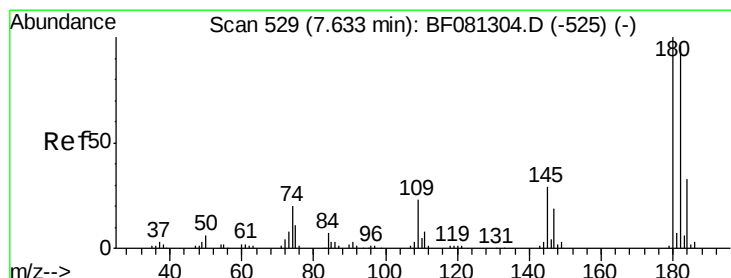
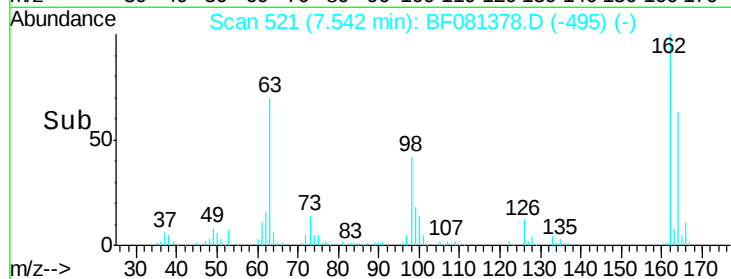
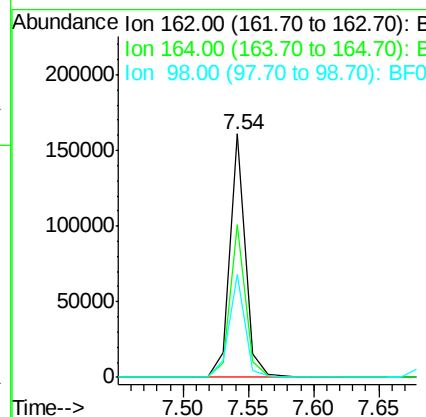
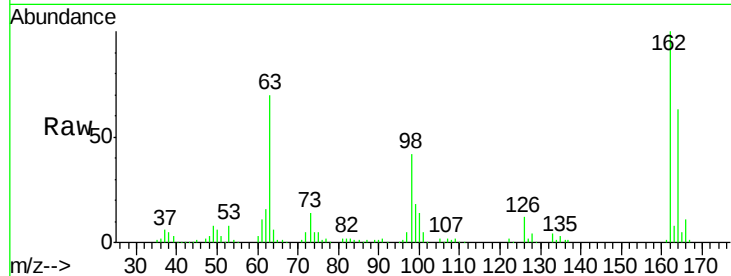
#29
 2,4-Dichlorophenol
 Concen: 42.09 ng
 RT: 7.54 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	134398		
164	62.7	44.9	84.9	
98	42.3	13.0	53.0	

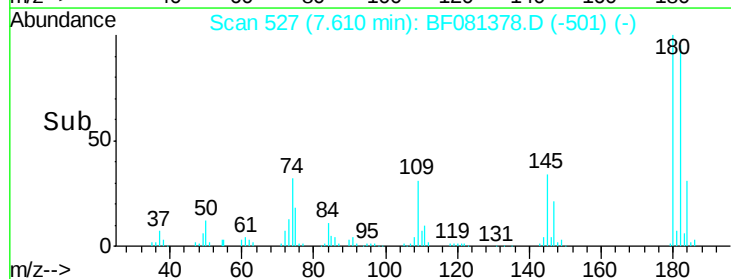
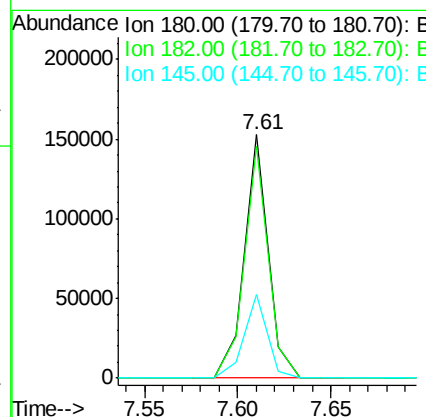
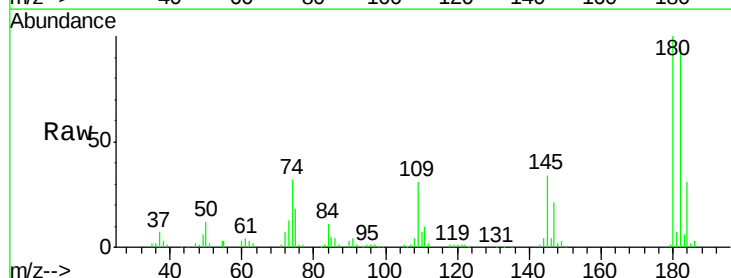
Manual Integrations
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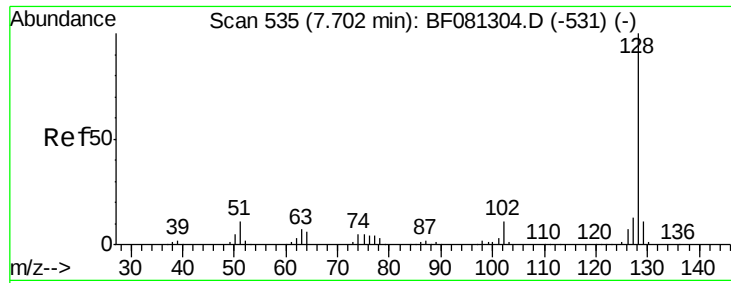
MMDadoda
 9/4/2015 2:50:41 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.57 ng
 RT: 7.61 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	137274		
182	95.4	77.1	115.7	
145	34.4	23.3	34.9	





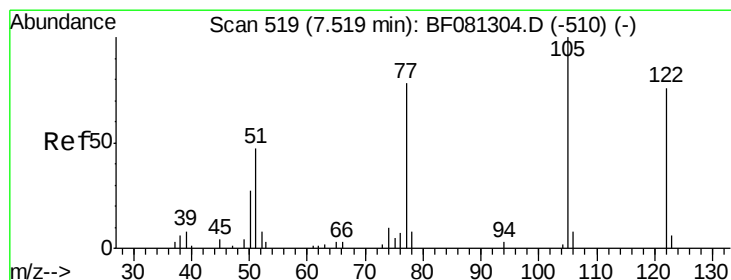
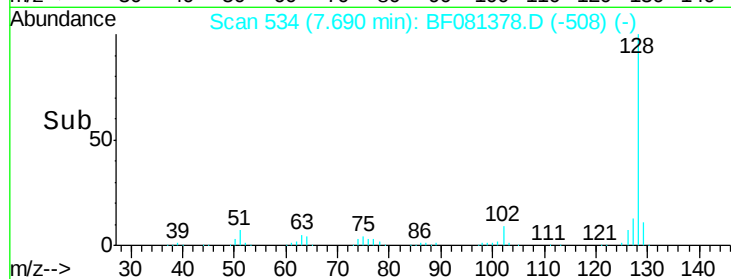
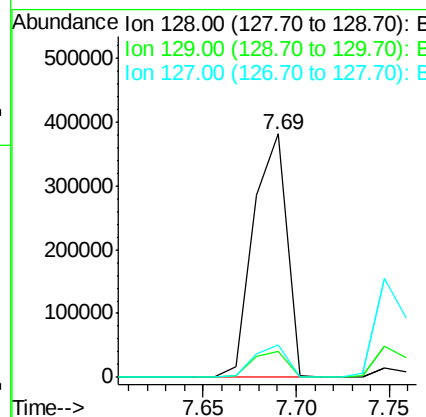
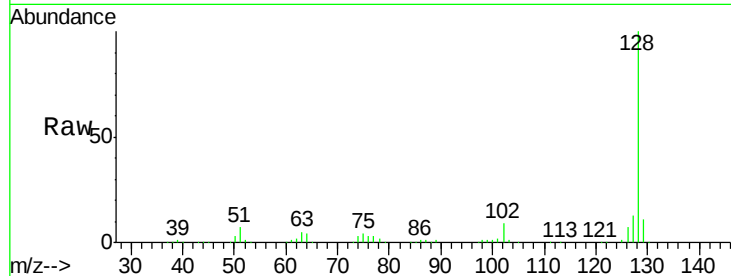
#31
Naphthalene
Concen: 38.88 ng
RT: 7.69 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100	471184		
129	10.5		8.4	12.6
127	13.1		9.9	14.9

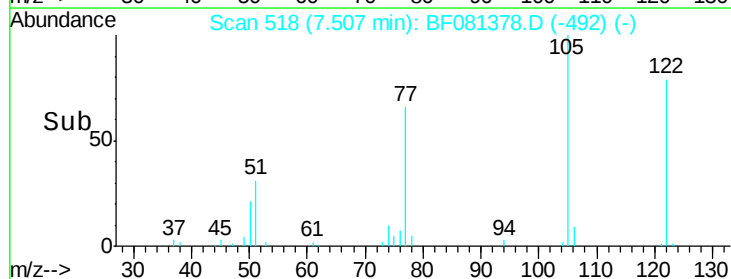
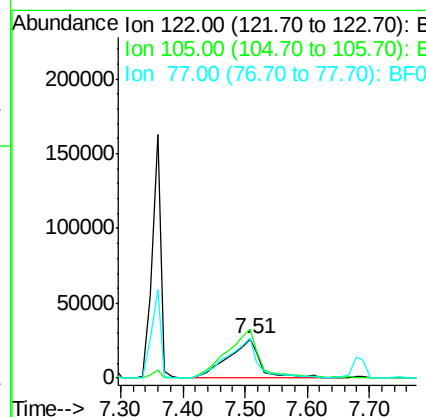
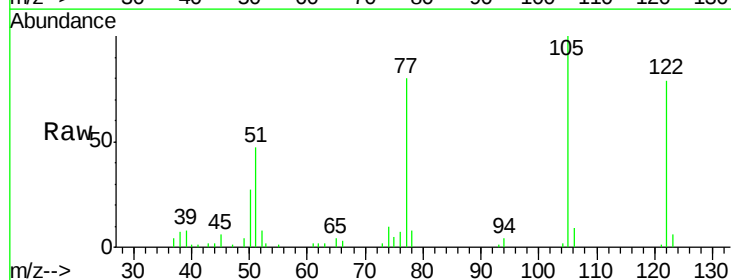
Manual Integrations
APPROVED

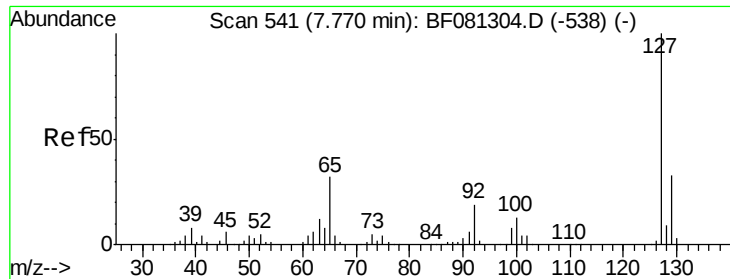
MMDadoda
9/4/2015 2:50:41 PM



#32
Benzoic acid
Concen: 37.11 ng
RT: 7.51 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	95954		
105	126.5		76.1	116.1#
77	101.4		40.5	80.5#





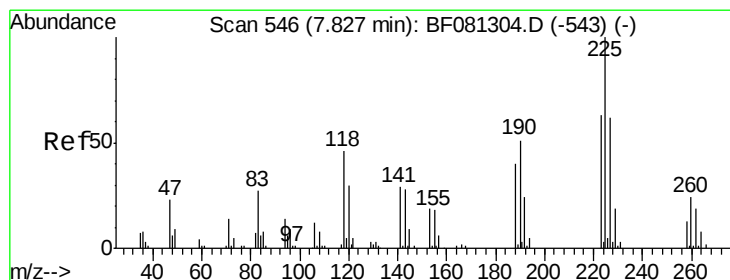
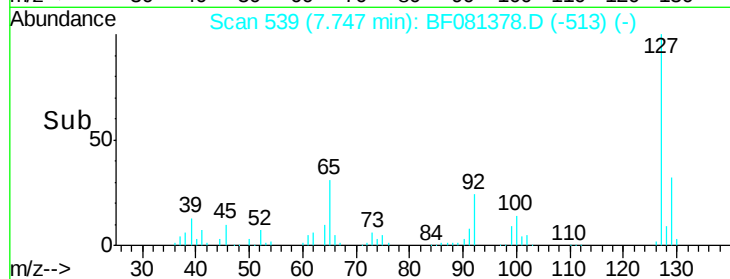
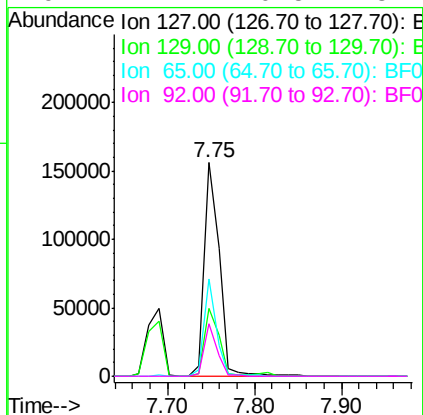
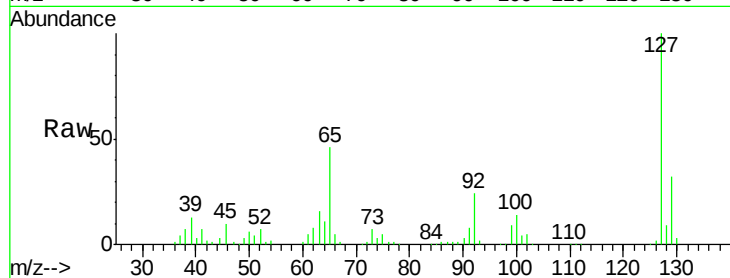
#33
4-Chloroaniline
Concen: 37.80 ng
RT: 7.75 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	25.8	38.6		
65	45.7	17.9	26.9		
92	24.4	10.5	15.7		

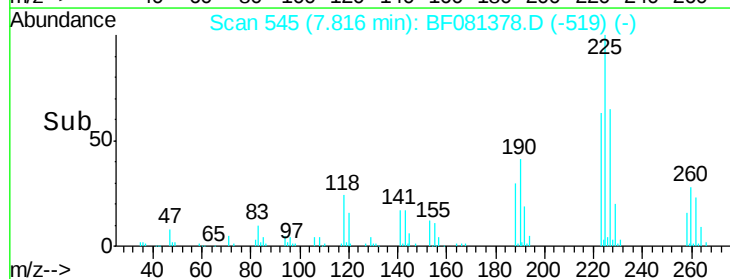
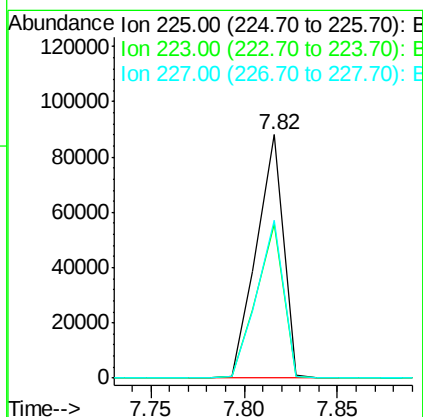
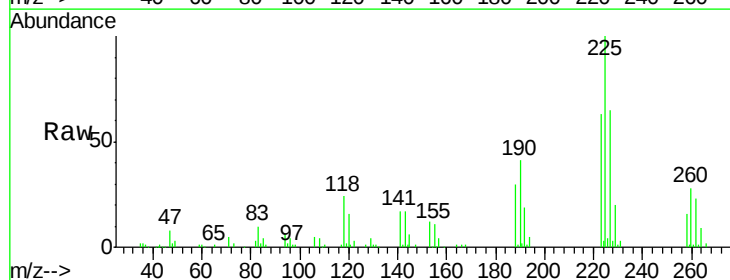
Manual Integrations
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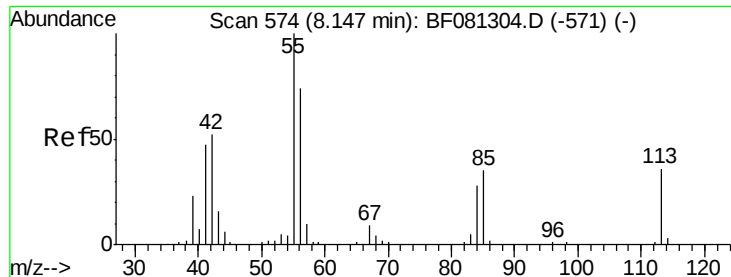
MMDadoda
9/4/2015 2:50:41 PM



#34
Hexachlorobutadiene
Concen: 41.72 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	50.2	75.2		
227	65.0	52.2	78.2		





#35

Caprolactam

Concen: 45.00 ng

RT: 8.15 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

Instrument :

BNA_F

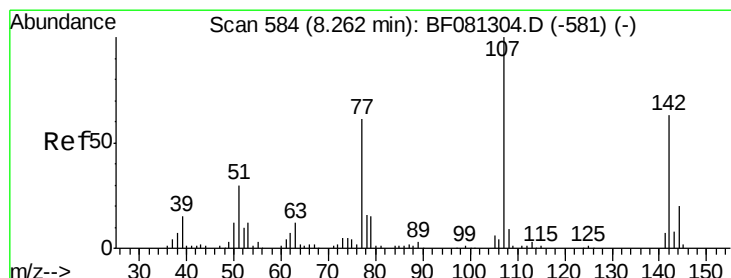
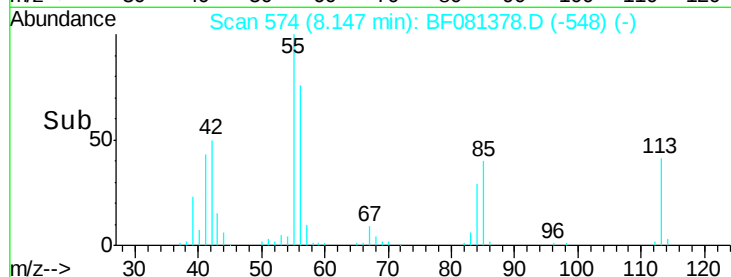
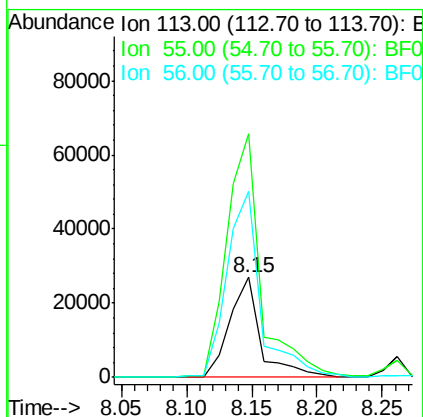
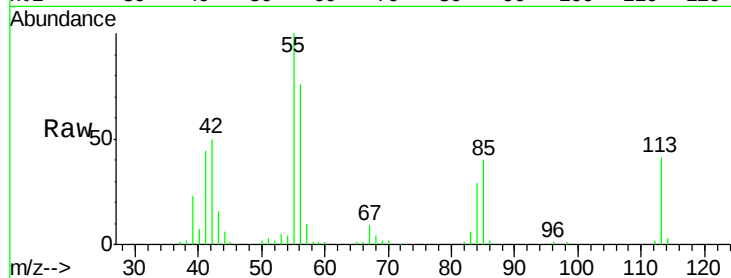
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	44069
Ion Ratio	Lower	Upper	
113	100		
55	243.9	152.4	192.4#
56	186.5	104.6	144.6#

Manual Integrations
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MMDadoda
9/4/2015 2:50:41 PM



#36

4-Chloro-3-methylphenol

Concen: 46.73 ng

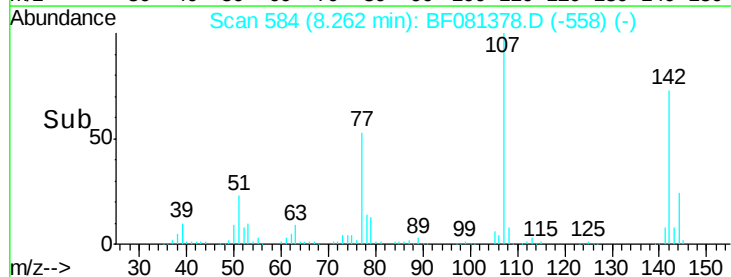
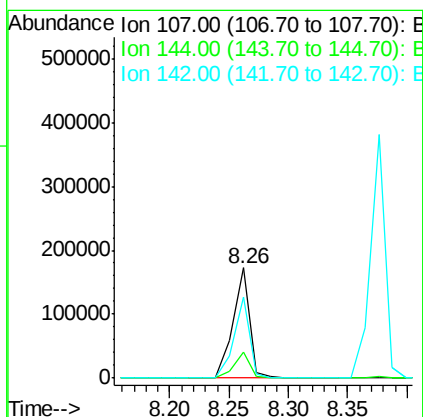
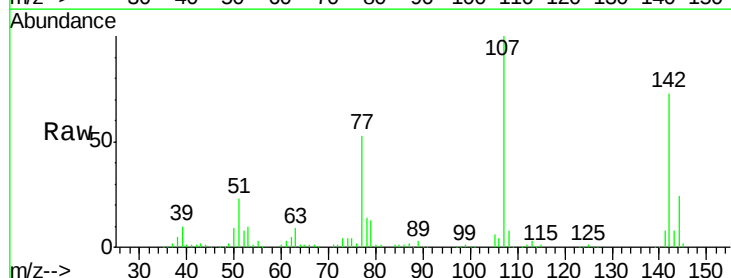
RT: 8.26 min Scan# 584

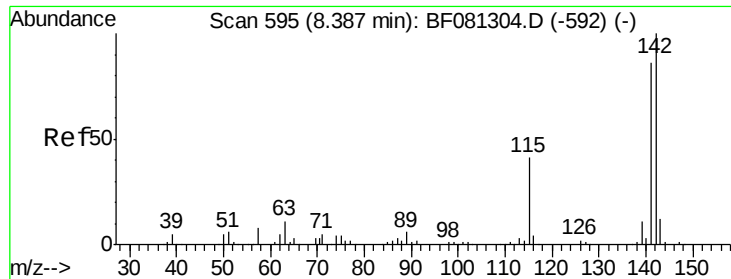
Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

Tgt Ion:	107	Resp:	167017
Ion Ratio	Lower	Upper	
107	100		
144	23.9	25.4	38.0#
142	73.3	77.3	115.9#





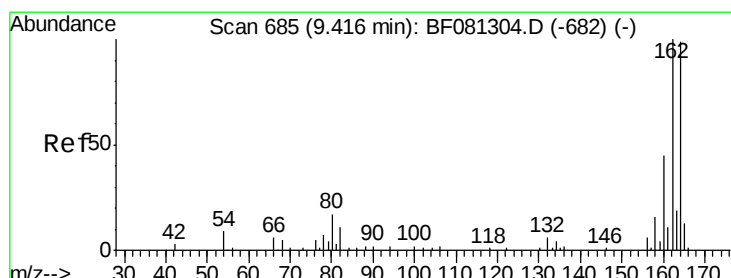
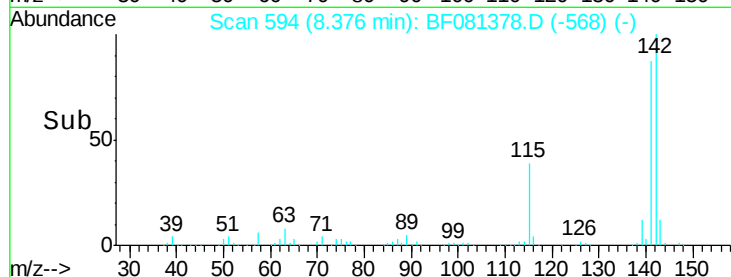
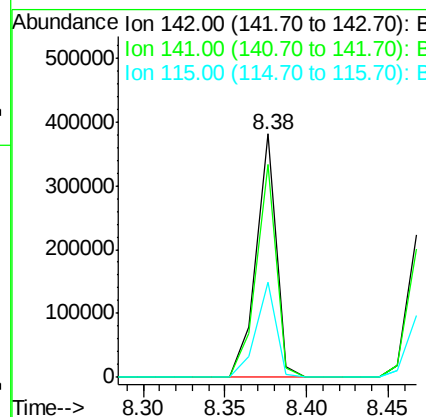
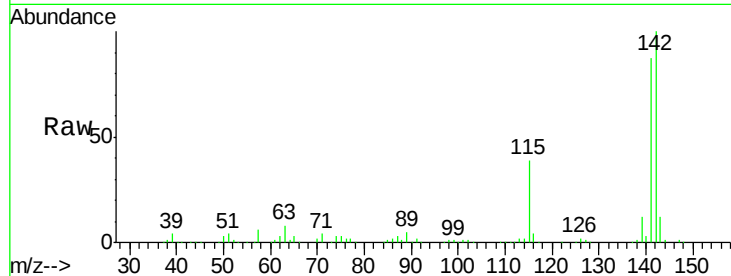
#37
2-Methylnaphthalene
Concen: 41.52 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	67.5	101.3
115	38.9	18.2	27.2

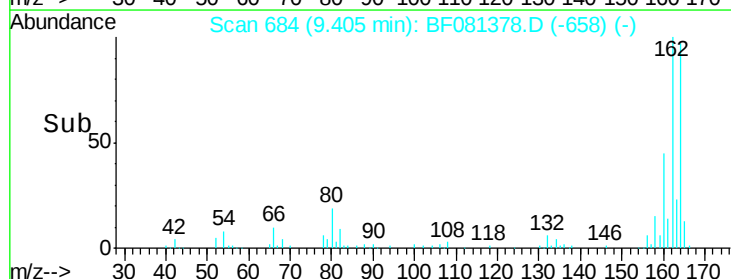
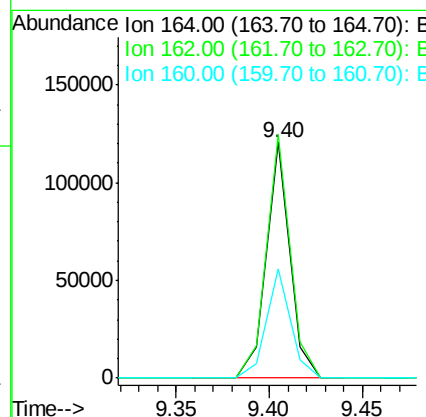
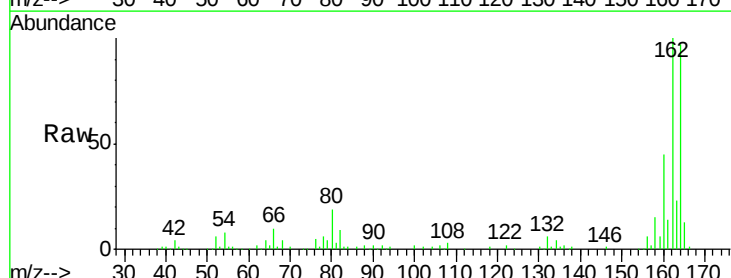
Manual Integrations
APPROVED

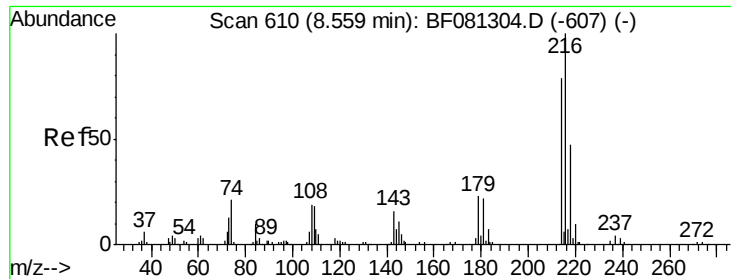
MMDadoda
9/4/2015 2:50:41 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	75.2	112.8
160	46.1	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.74 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

Instrument :

BNA_F

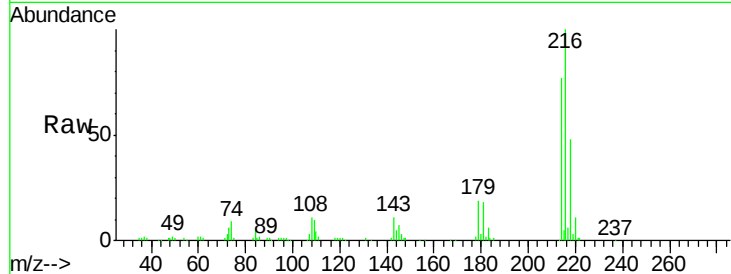
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.6		63.5	95.3	
179	21.8		16.6	24.8	
108	18.6		16.3	24.5	

Manual Integrations
APPROVED

MMDadoda
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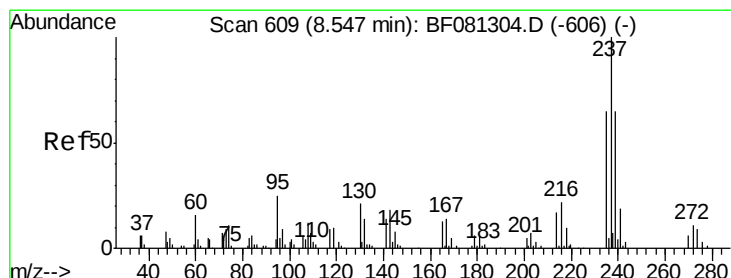
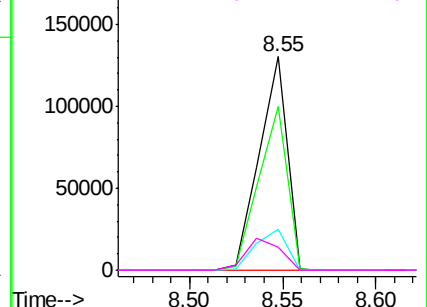
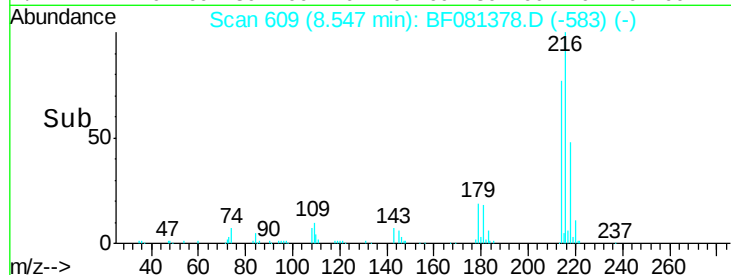


Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.97 ng

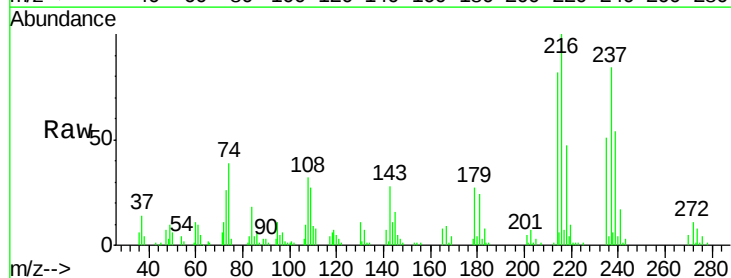
RT: 8.54 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

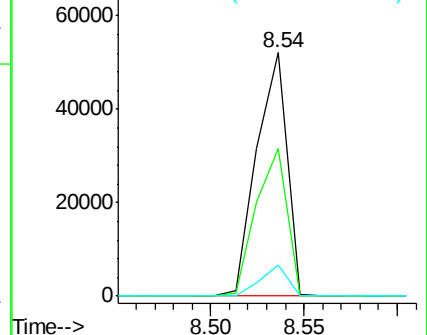
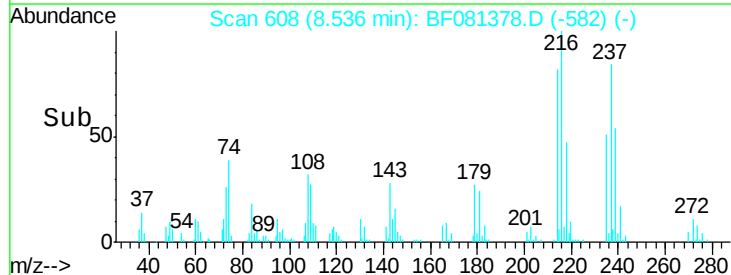
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	60.5		42.0	82.0	
272	12.8		0.0	36.1	

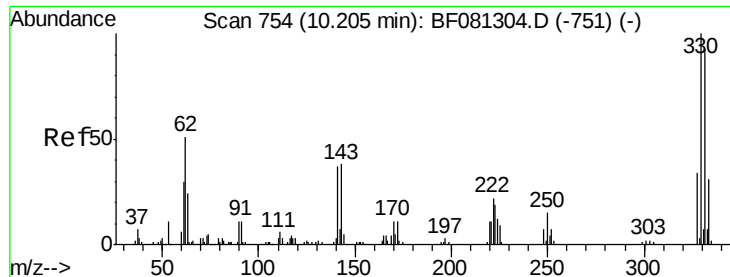


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





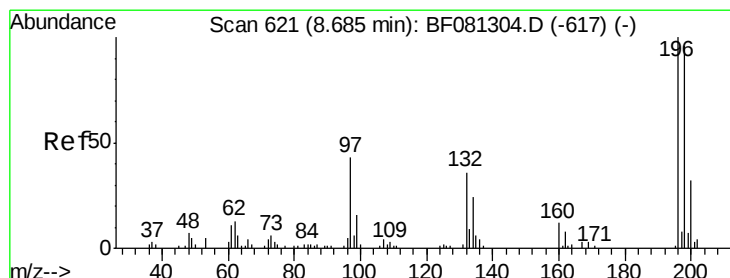
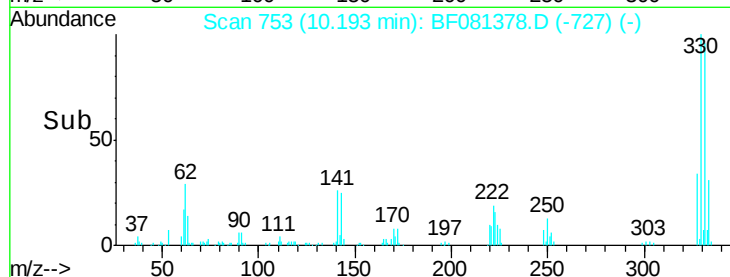
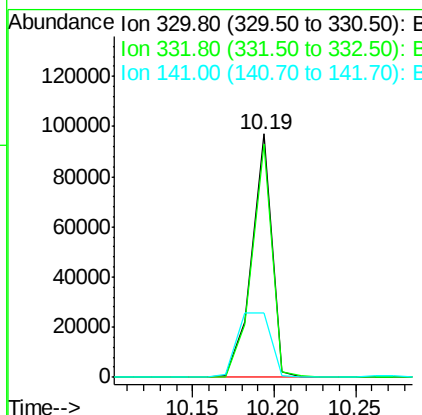
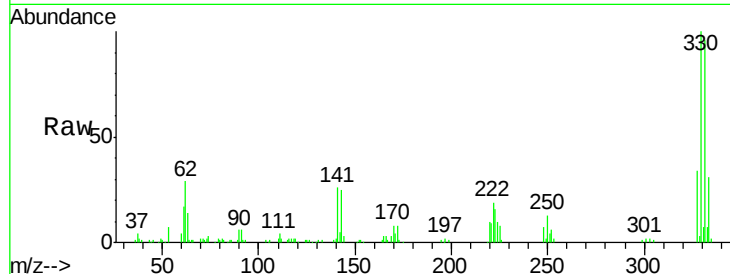
#41
 2,4,6-Tribromophenol
 Concen: 89.78 ng
 RT: 10.19 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	83784		
332	96.0		76.6	114.8
141	43.2		29.7	44.5

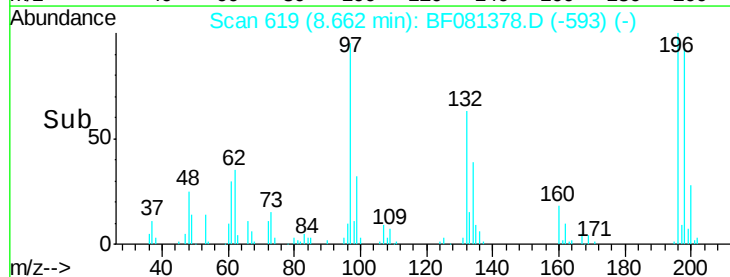
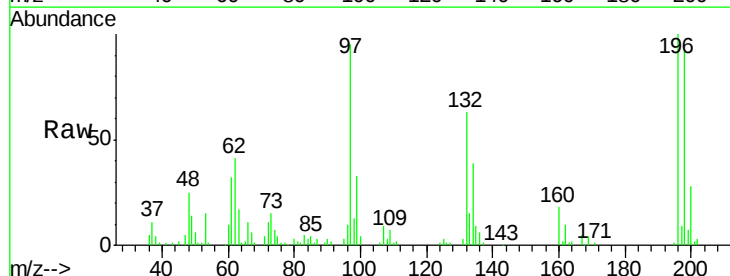
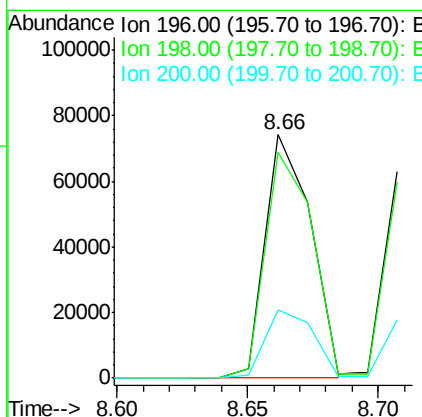
Manual Integrations
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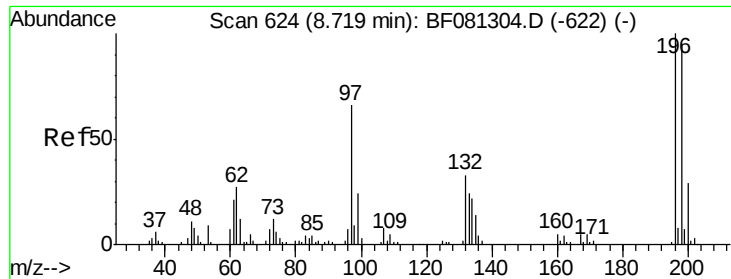
MMDadoda
 9/4/2015 2:50:41 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.60 ng
 RT: 8.66 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	90591		
198	92.5		75.7	113.5
200	28.3		23.9	35.9





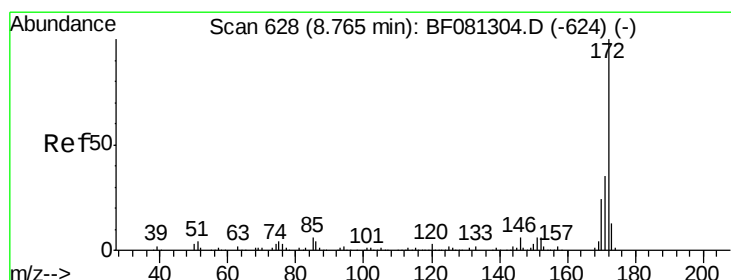
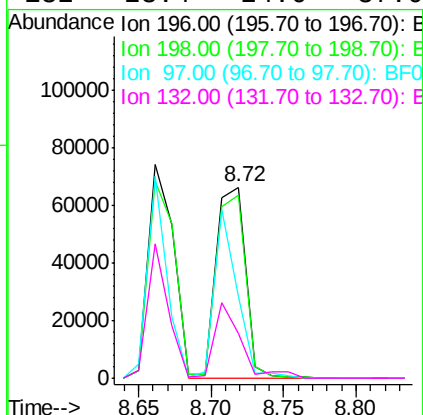
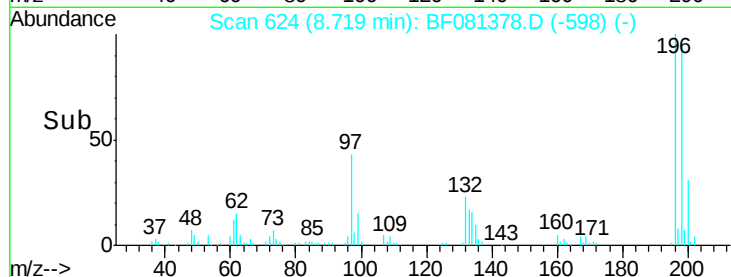
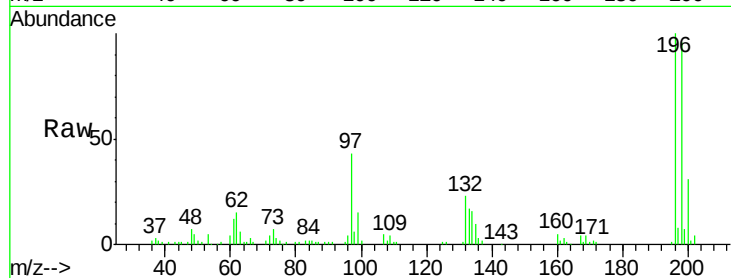
#43
 2,4,5-Trichlorophenol
 Concen: 40.14 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		93672		
198	95.6	75.4	113.0		
97	42.8	33.3	49.9		
132	23.4	24.6	37.0#		

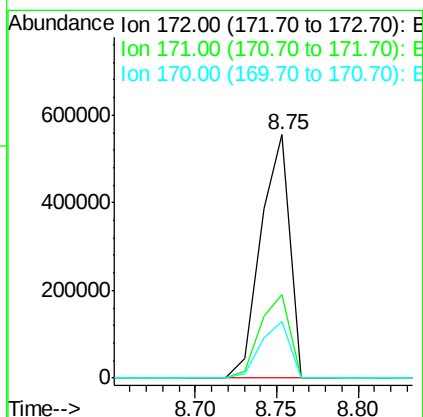
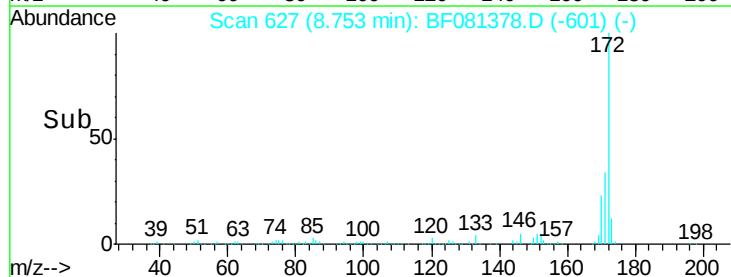
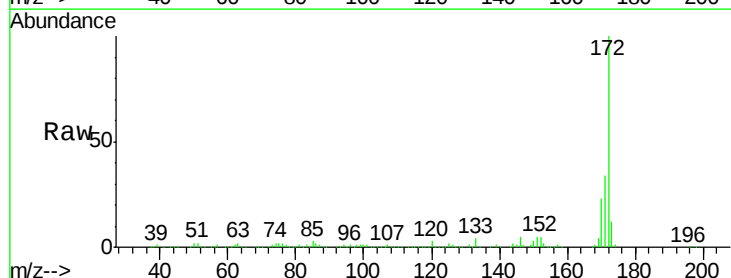
Manual Integrations
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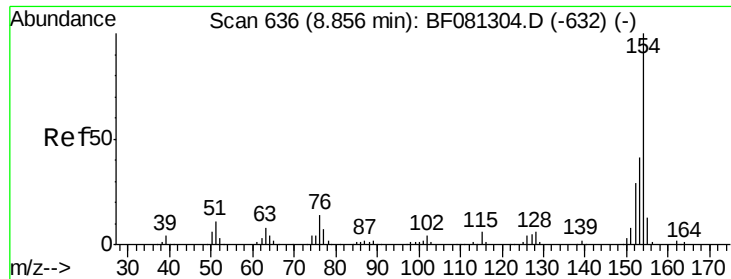
MMDadoda
 9/4/2015 2:50:41 PM



#44
 2-Fluorobiphenyl
 Concen: 83.07 ng
 RT: 8.75 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		679417		
171	34.4	26.1	39.1		
170	23.4	17.4	26.2		





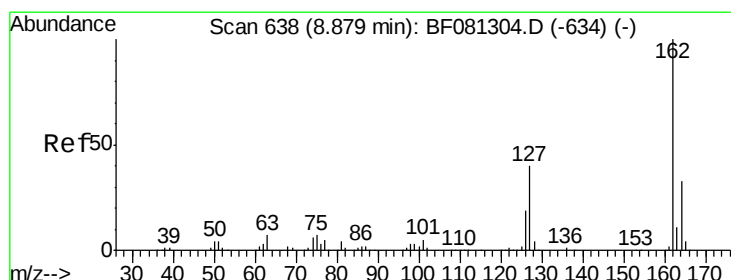
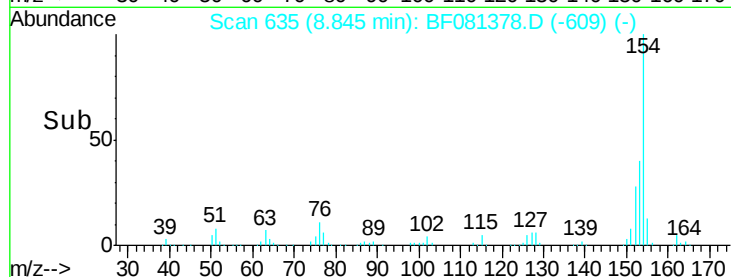
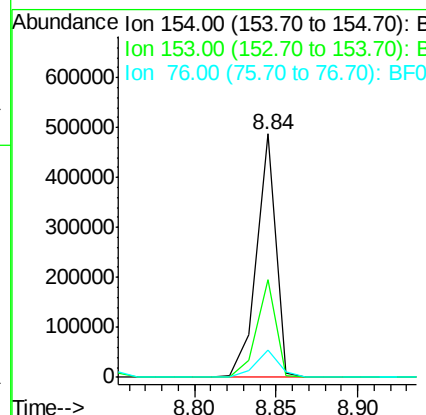
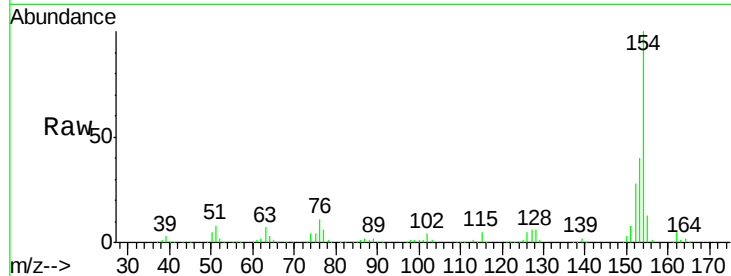
#45
1,1'-Biphenyl
Concen: 41.63 ng
RT: 8.84 min Scan# 635
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	17.1	57.1
76	11.2	0.0	31.6

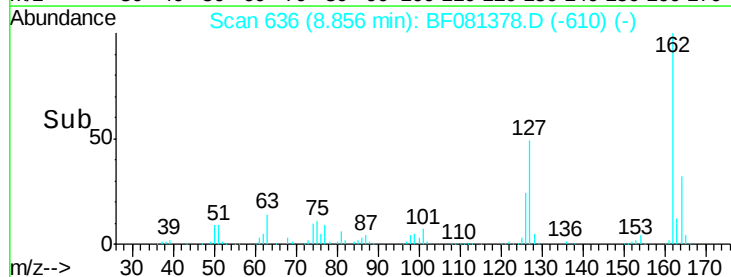
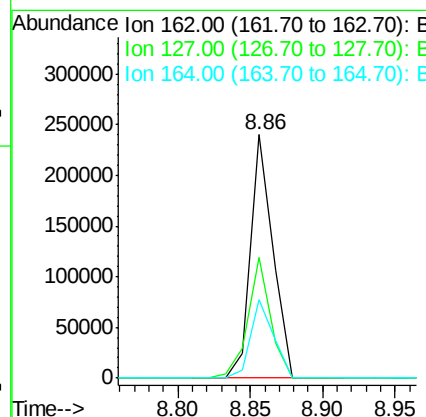
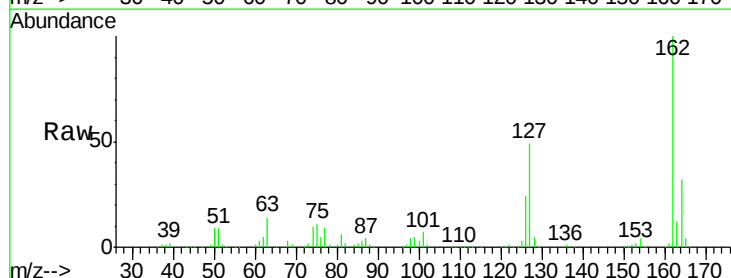
Manual Integrations
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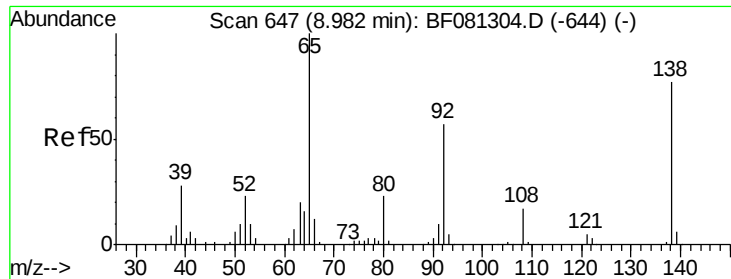
MMDadoda
9/4/2015 2:50:41 PM



#46
2-Chloronaphthalene
Concen: 36.79 ng
RT: 8.86 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	49.5	27.6	41.4#
164	32.2	25.4	38.2





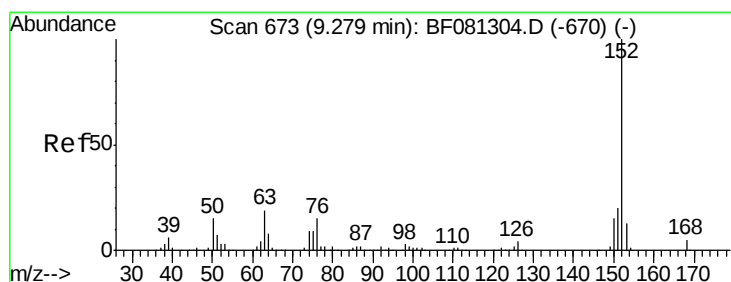
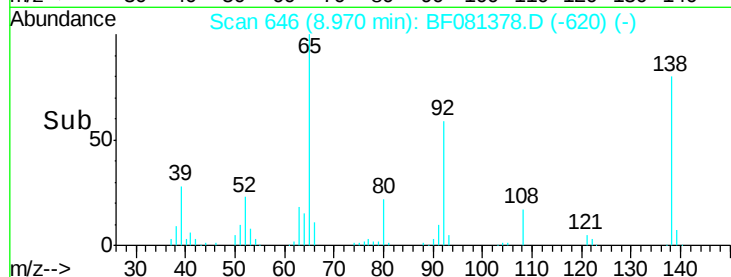
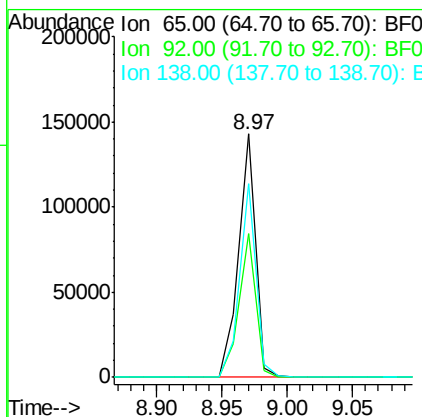
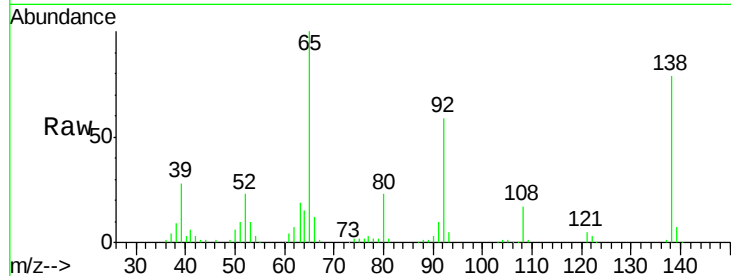
#47
2-Nitroaniline
Concen: 45.40 ng
RT: 8.97 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.0	55.4	83.0
138	79.5	115.5	173.3#

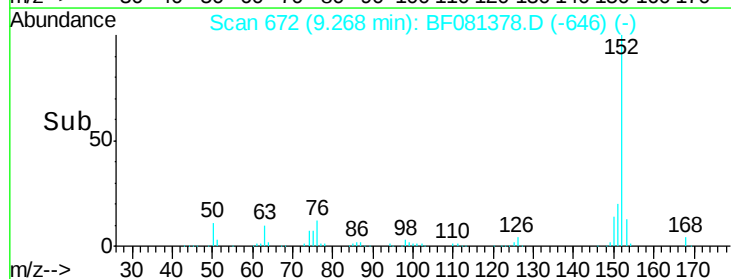
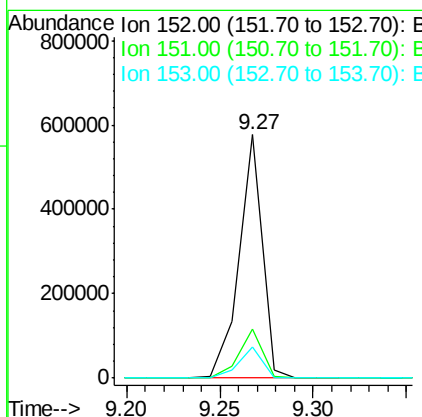
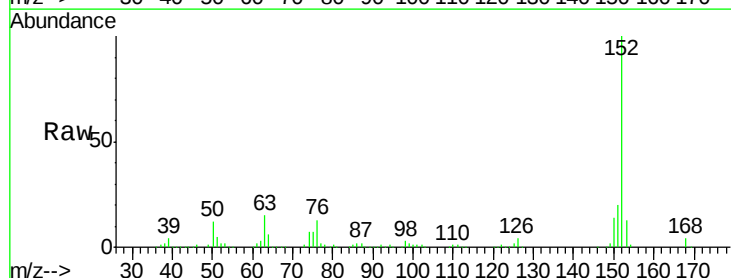
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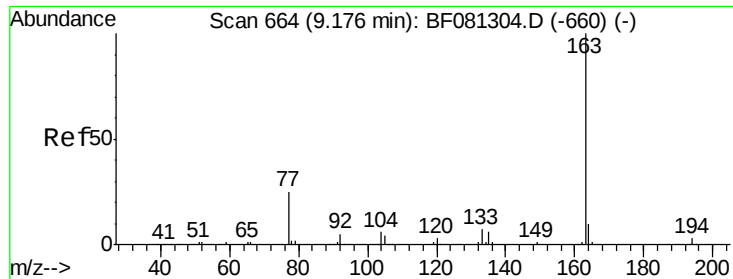
MMDadoda
9/4/2015 2:50:41 PM



#48
Acenaphthylene
Concen: 40.86 ng
RT: 9.27 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	14.6	22.0
153	12.9	10.3	15.5





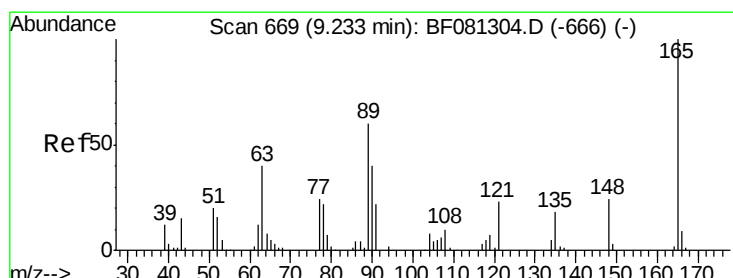
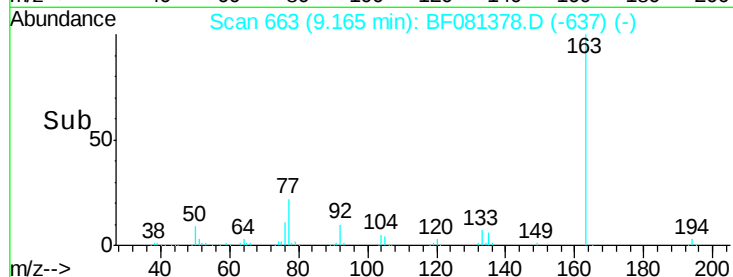
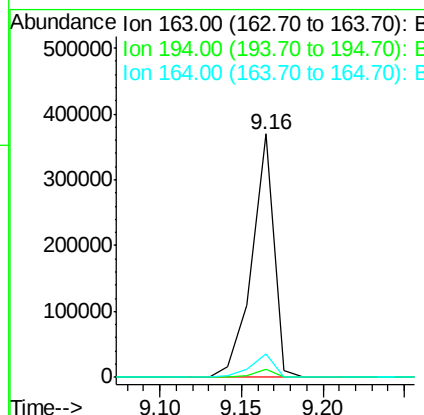
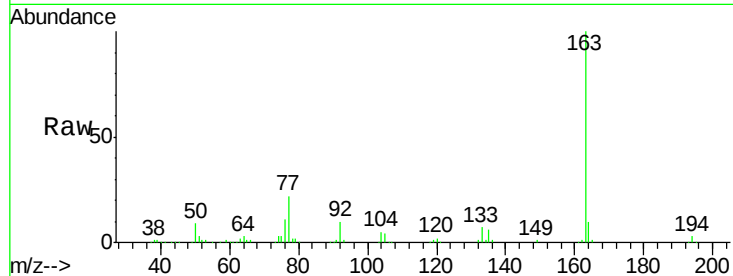
#49
Dimethylphthalate
Concen: 42.54 ng
RT: 9.16 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.2	4.4	6.6#
164	9.8	8.3	12.5

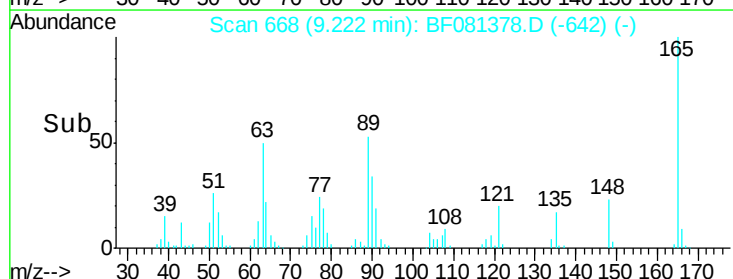
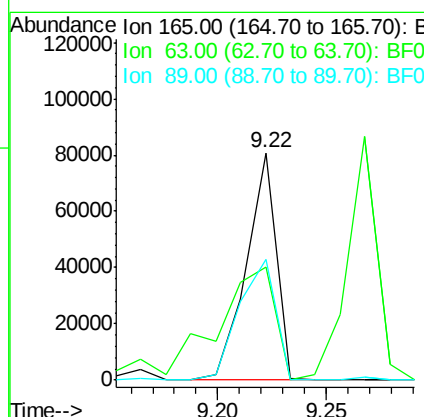
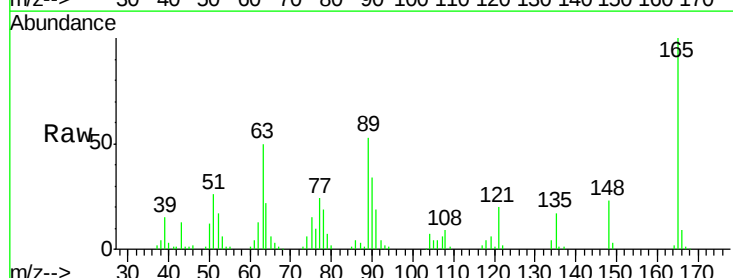
Manual Integrations
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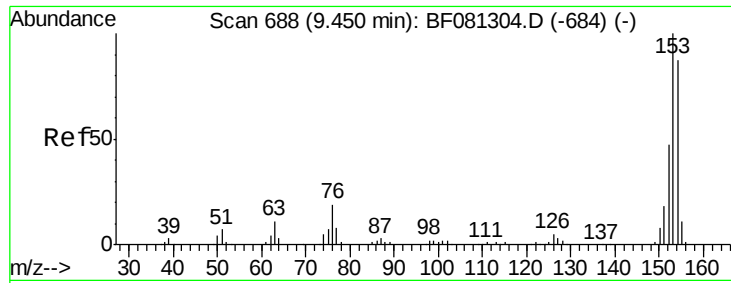
MMDadoda
9/4/2015 2:50:41 PM



#50
2,6-Dinitrotoluene
Concen: 41.76 ng
RT: 9.22 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	49.8	32.3	48.5#
89	53.0	28.6	43.0#





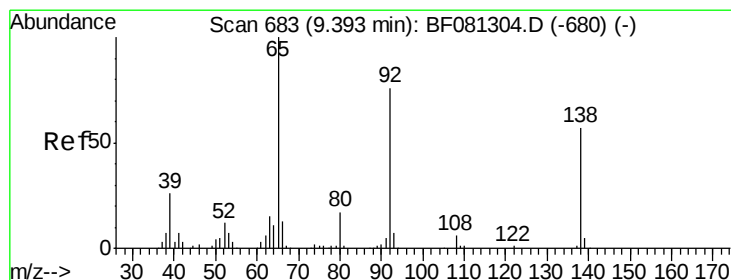
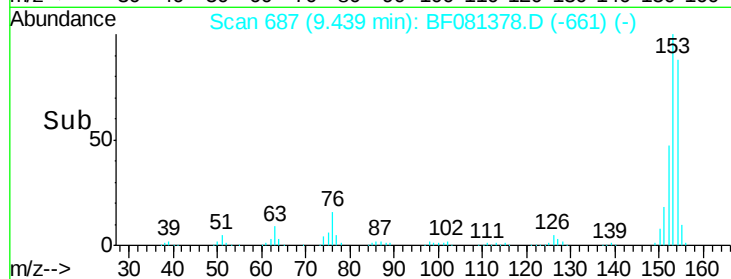
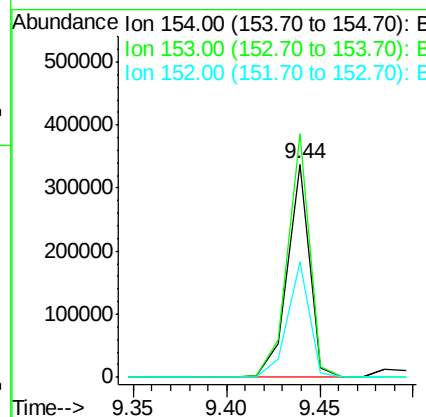
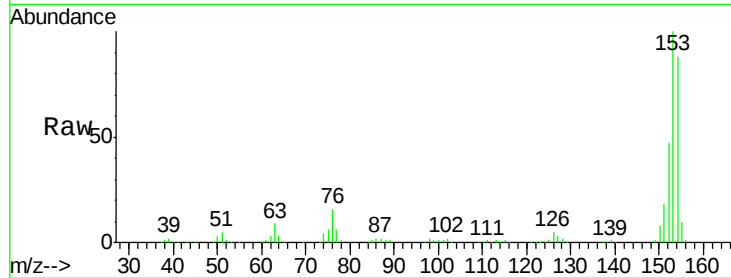
#51
Acenaphthene
Concen: 39.98 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.1	82.1	123.1
152	54.2	37.9	56.9

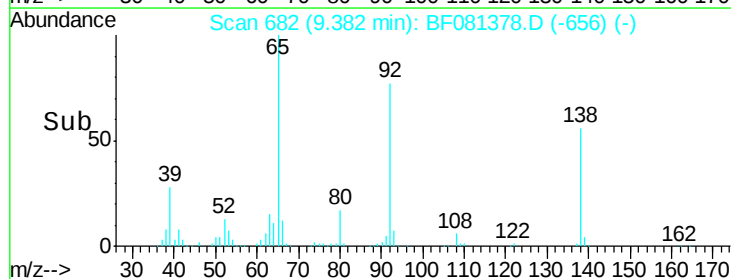
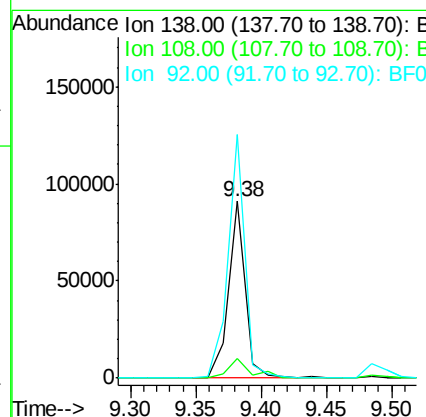
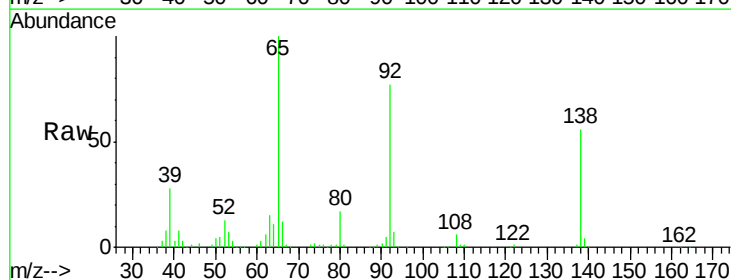
Manual Integrations
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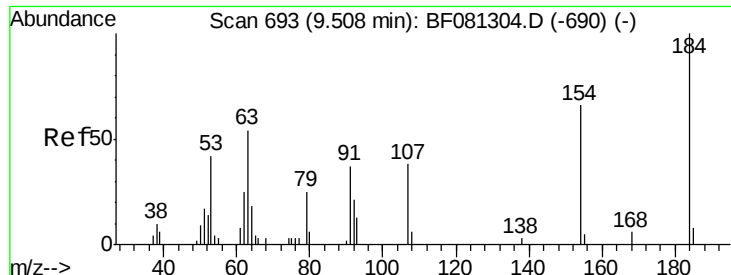
MMDadoda
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#52
3-Nitroaniline
Concen: 39.09 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.2	5.7	8.5#
92	137.7	67.7	101.5#





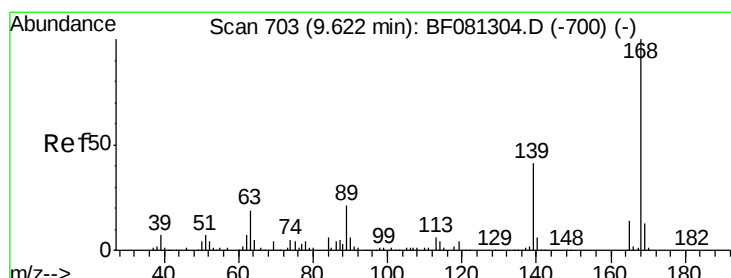
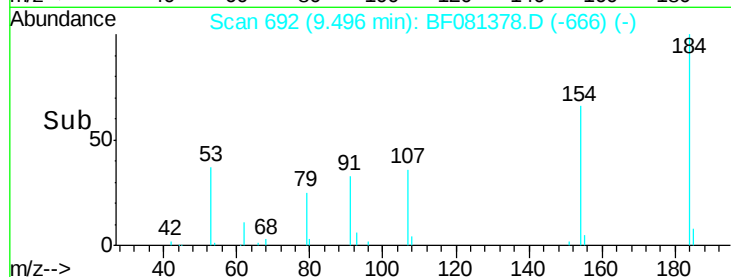
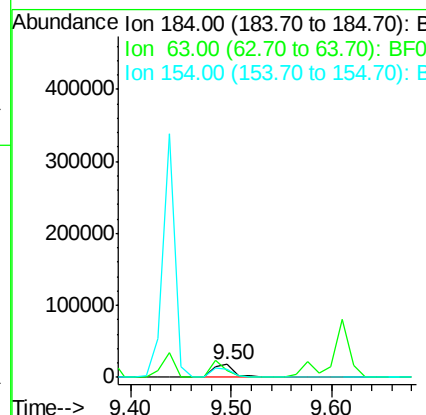
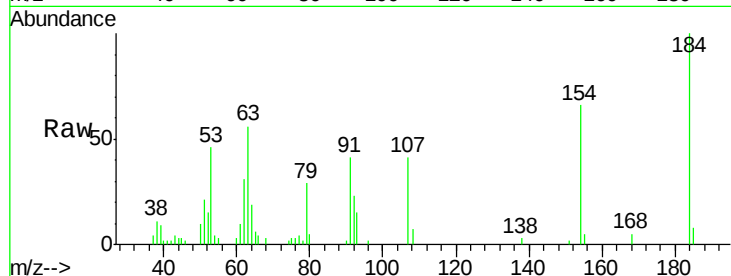
#53
 2,4-Dinitrophenol
 Concen: 36.36 ng
 RT: 9.50 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	28301		
63	55.6	35.4	53.2#	
154	65.5	32.2	48.4#	

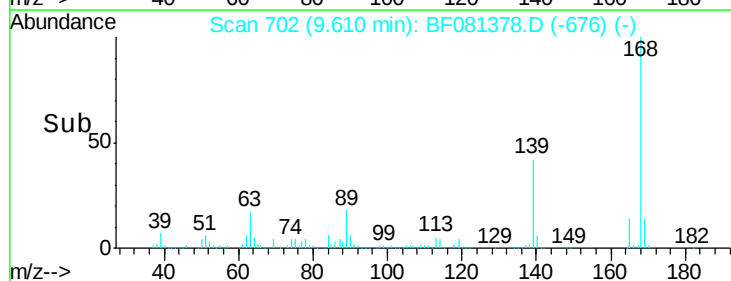
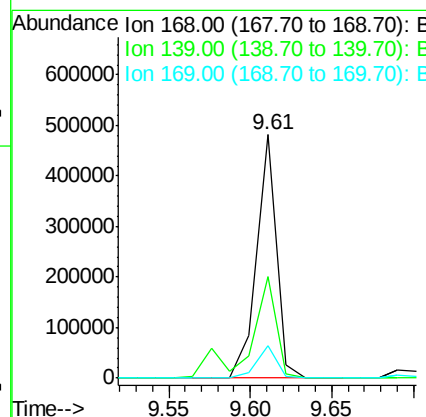
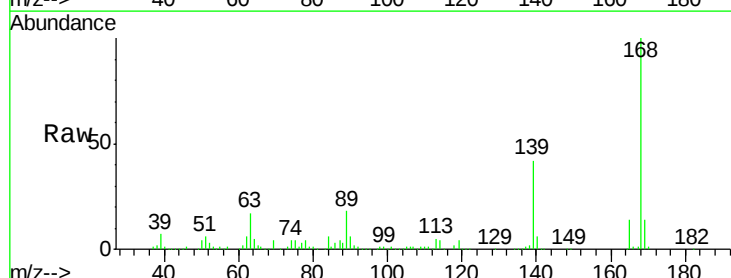
Manual Integrations
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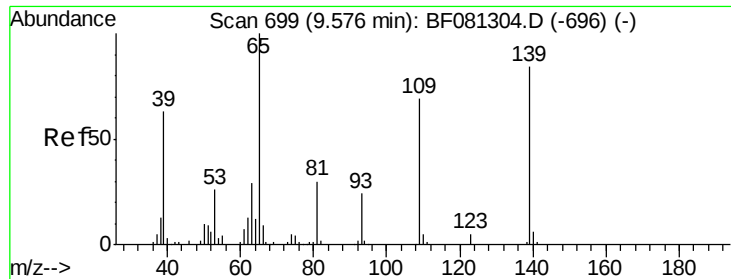
MMDadoda
 9/4/2015 2:50:41 PM



#54
 Dibenzofuran
 Concen: 39.75 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	407879		
139	41.9	24.2	36.2#	
169	13.6	10.6	15.8	





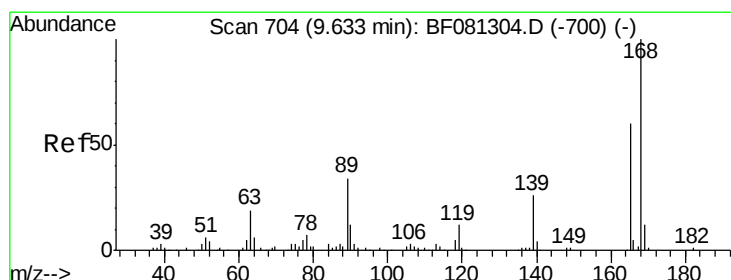
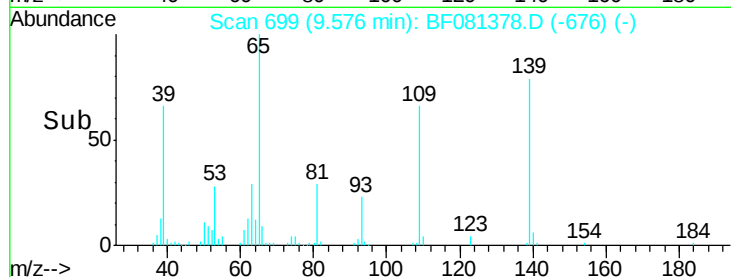
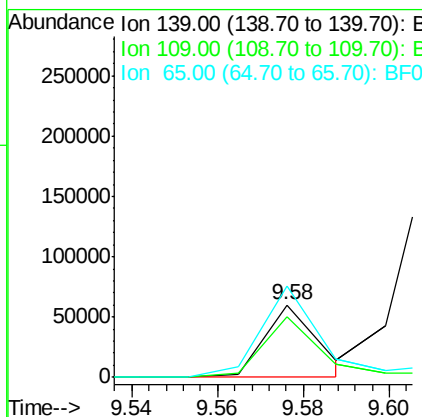
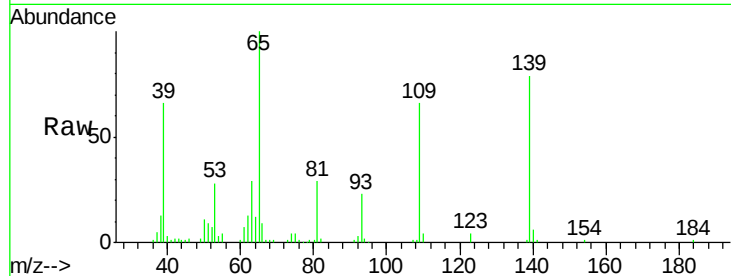
#55
4-Nitrophenol
Concen: 40.02 ng/ml
RT: 9.58 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	83.8	12.7	52.7#
65	126.6	45.9	85.9#

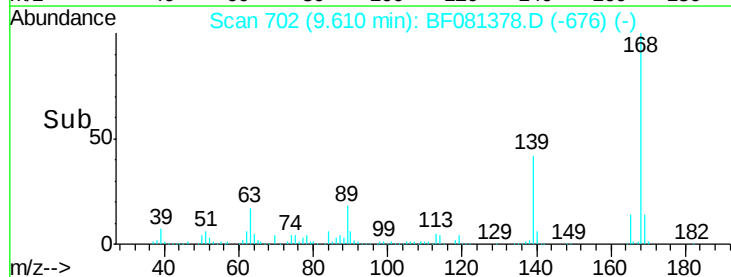
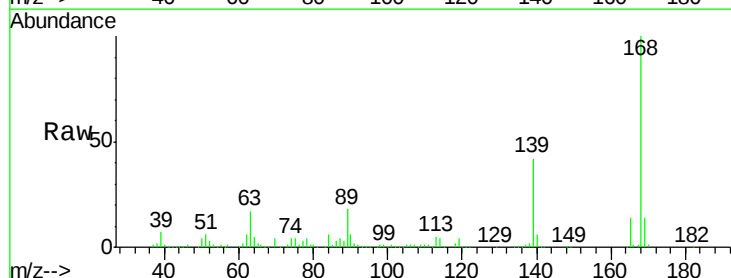
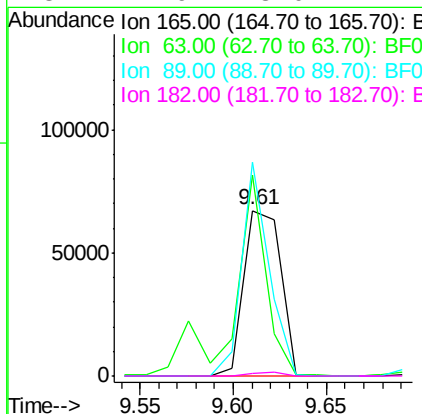
Manual Integrations
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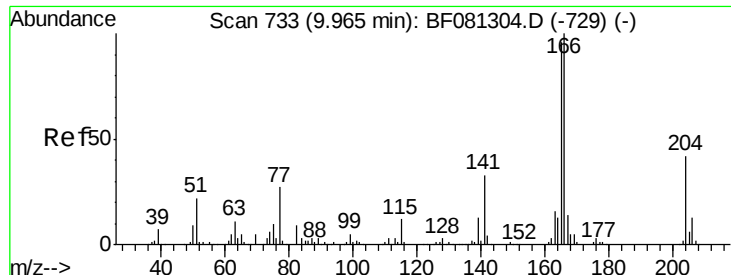
MMDadoda
9/4/2015 2:50:41 PM



#56
2,4-Dinitrotoluene
Concen: 39.29 ng/ml
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	121.2	29.8	44.6#
89	129.2	44.5	66.7#
182	1.9	3.0	4.4#





#57

Fluorene

Concen: 42.96 ng

RT: 9.95 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

Instrument :

BNA_F

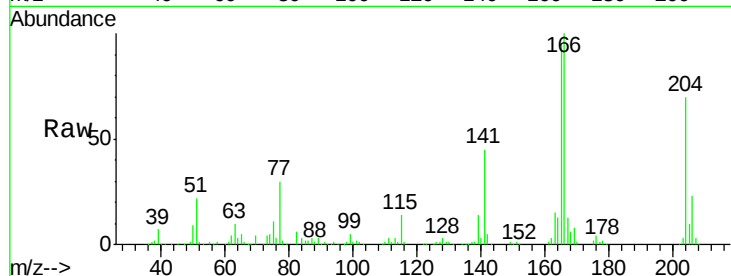
ClientSampleId :

SSTDCCC040

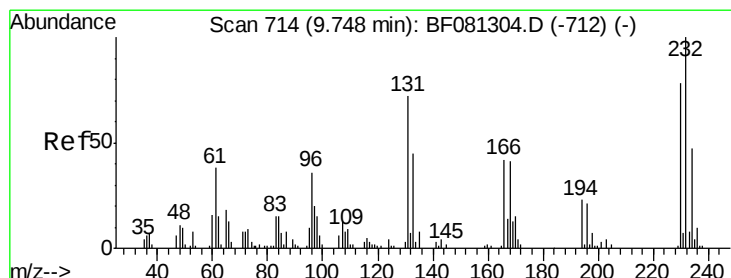
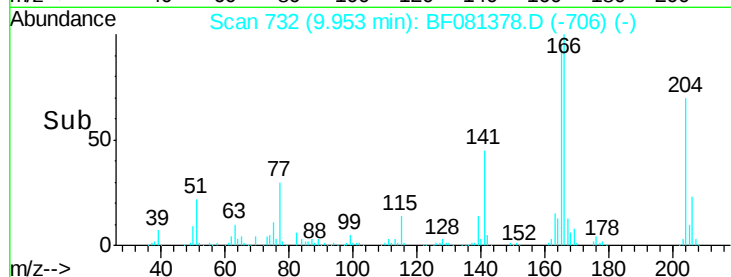
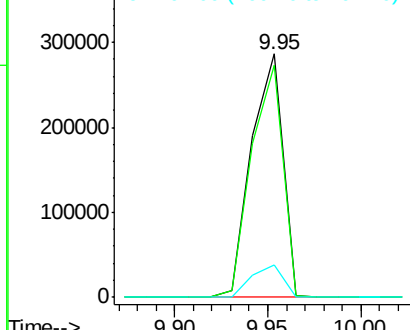
Tot Ion:	166	Resp:	334555
Ion Ratio		Lower	Upper
166	100		
165	95.2	72.6	109.0
167	13.2	10.6	16.0

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.07 ng m

RT: 9.74 min Scan# 713

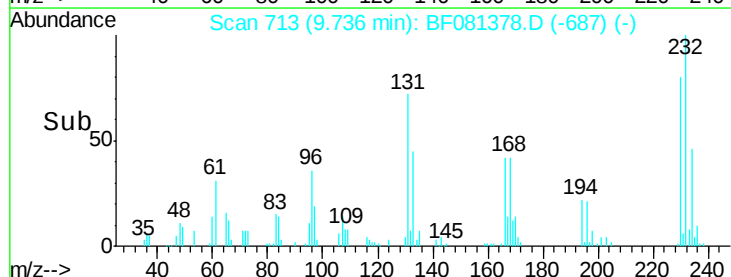
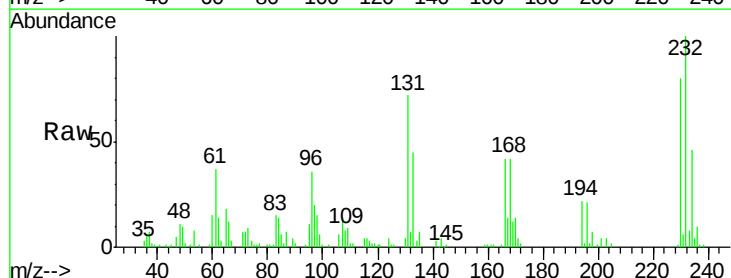
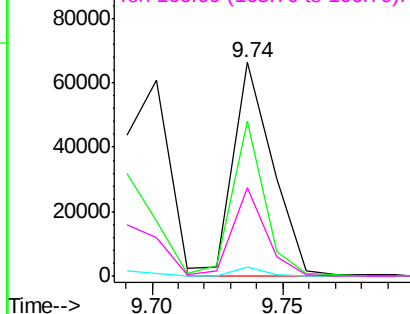
Delta R.T. 0.00 min

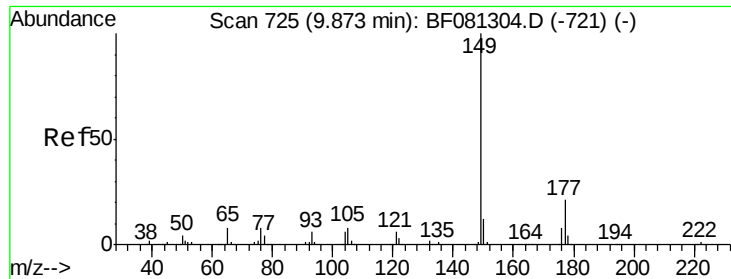
Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

Tgt Ion:	232	Resp:	69603
Ion Ratio		Lower	Upper
232	100		
131	49.9	38.5	57.7
130	2.5	1.8	2.6
166	28.7	25.0	37.6

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





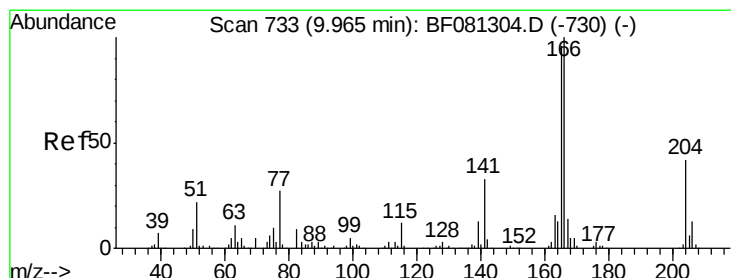
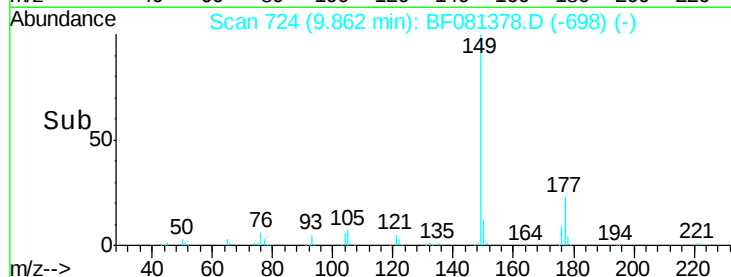
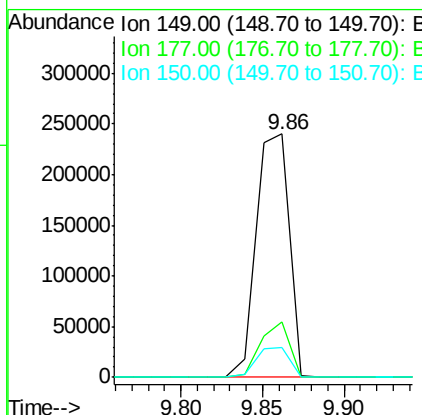
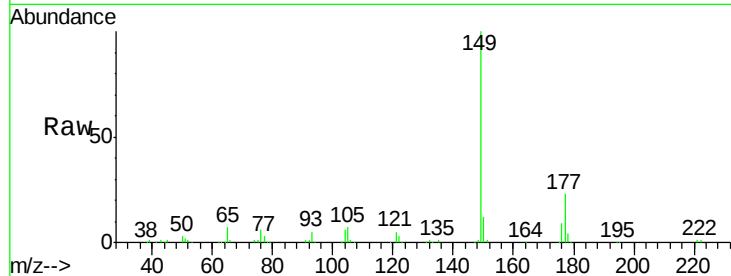
#59
Diethylphthalate
Concen: 39.41 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.5	26.3
150	12.1	9.4	14.2

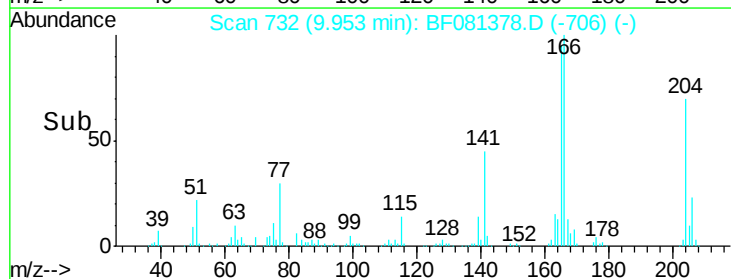
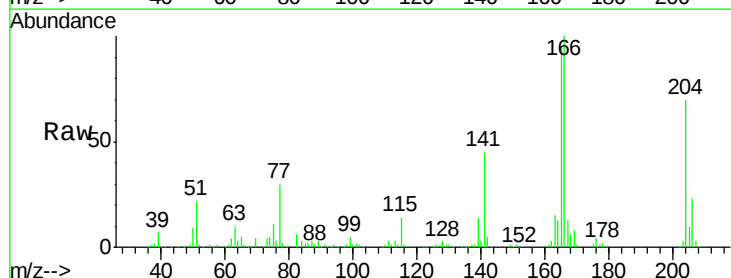
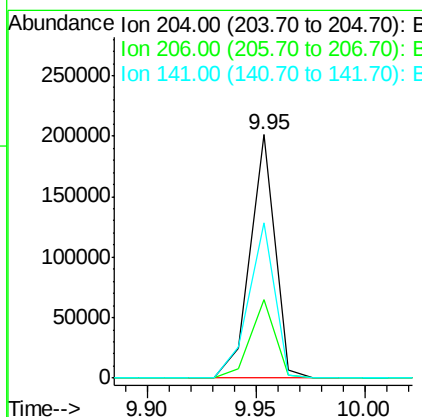
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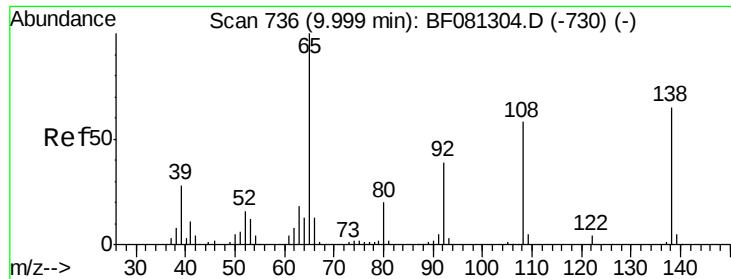
MMDadoda
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#60
4-Chlorophenyl-phenylether
Concen: 44.07 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	24.8	37.2
141	63.7	42.2	63.4#





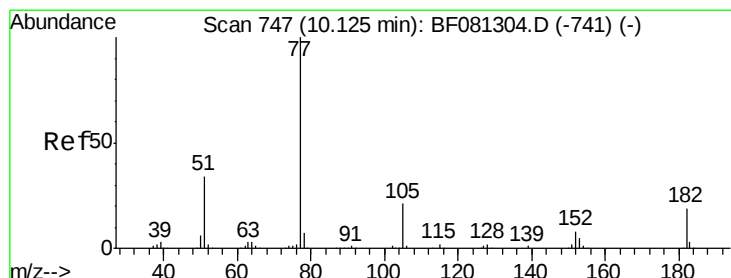
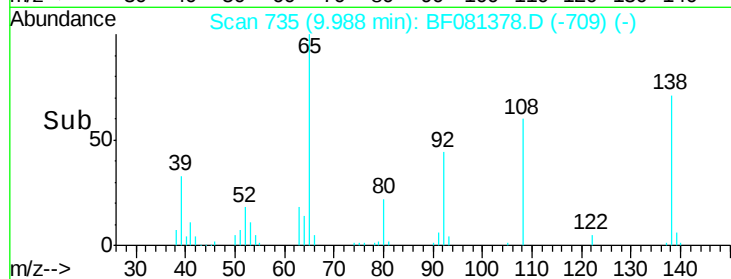
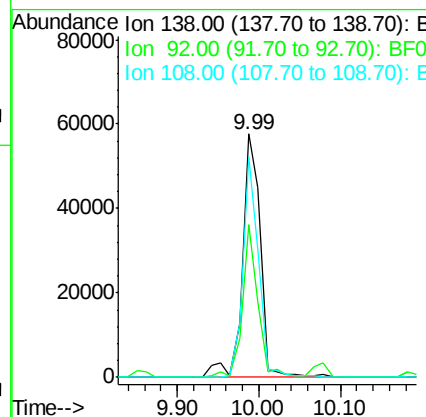
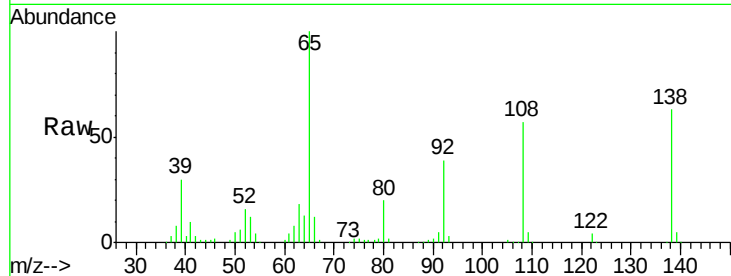
#61
4-Nitroaniline
Concen: 41.46 ng
RT: 9.99 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	62.6	12.6	52.6#	
108	90.5	12.4	52.4#	

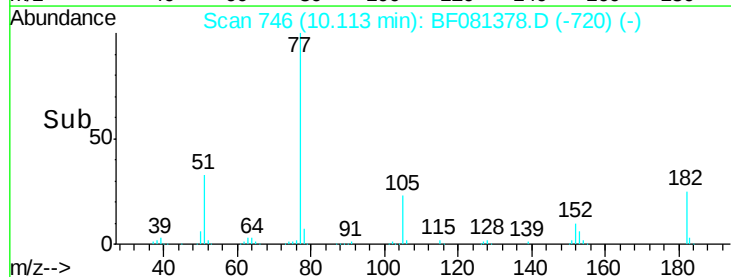
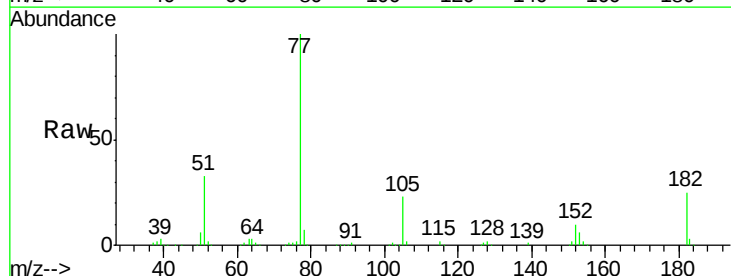
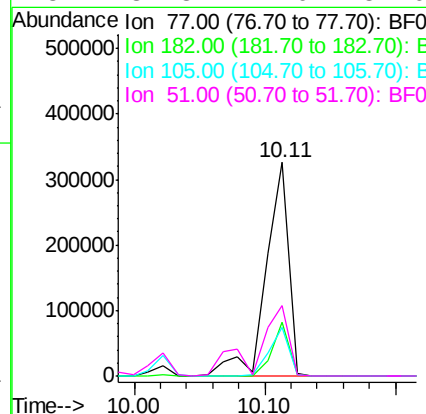
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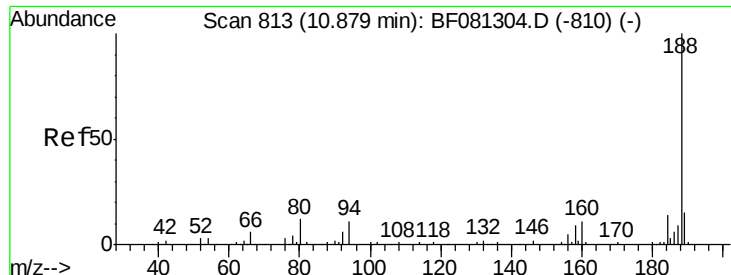
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#62
Azobenzene
Concen: 41.68 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	25.2	15.1	55.1	
105	23.0	3.4	43.4	
51	32.8	12.0	52.0	





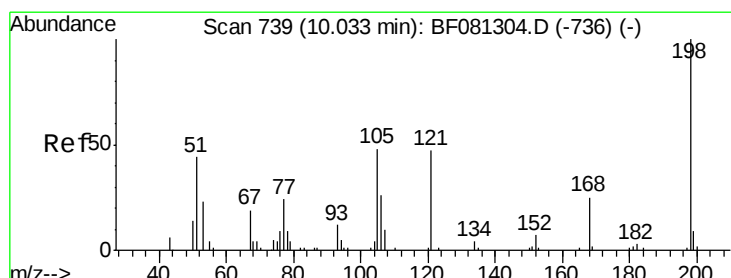
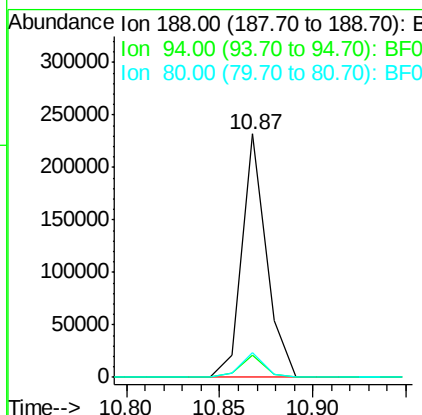
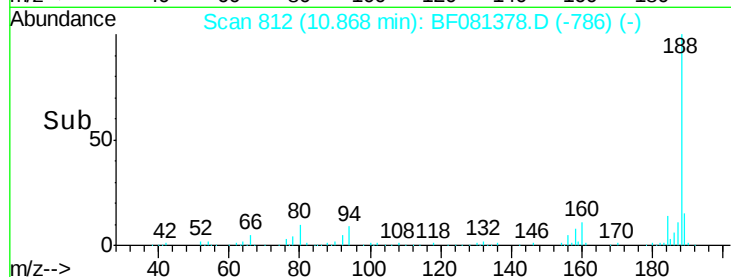
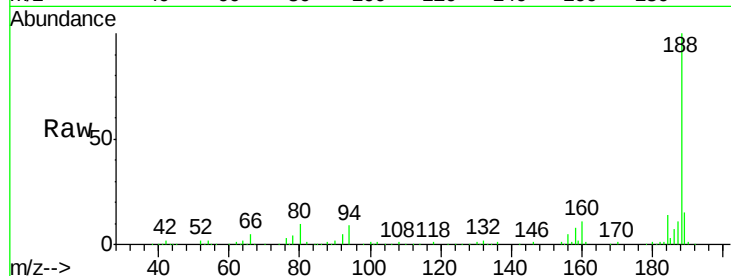
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	211411		
94	9.1	11.1	16.7#	
80	10.1	11.0	16.4#	

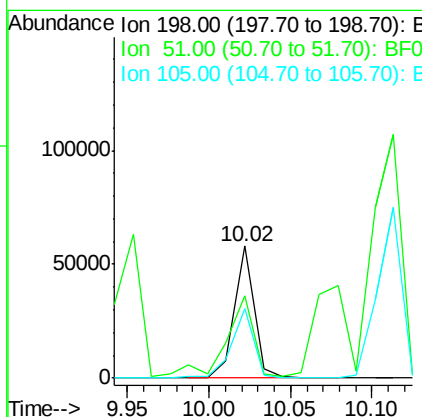
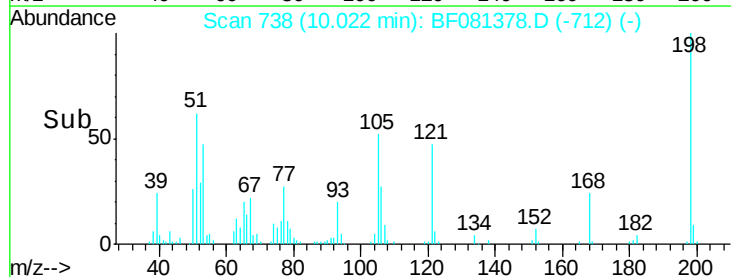
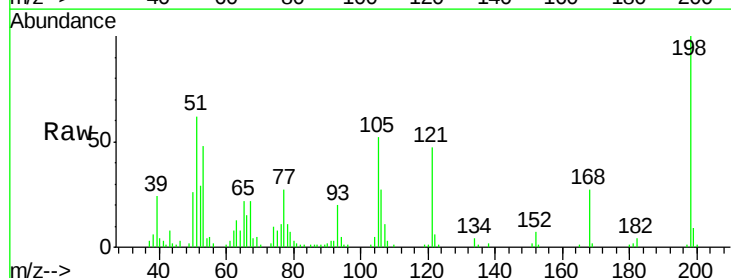
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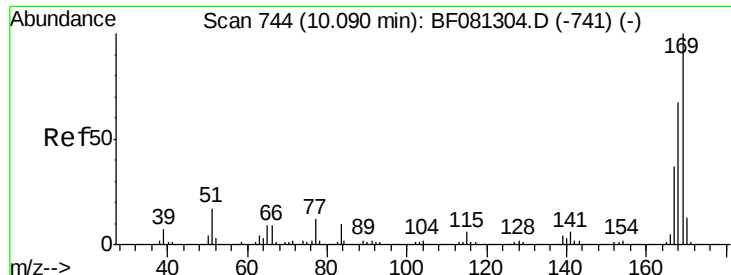
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.18 ng
 RT: 10.02 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	48694		
51	62.2	39.6	79.6	
105	52.5	28.5	68.5	





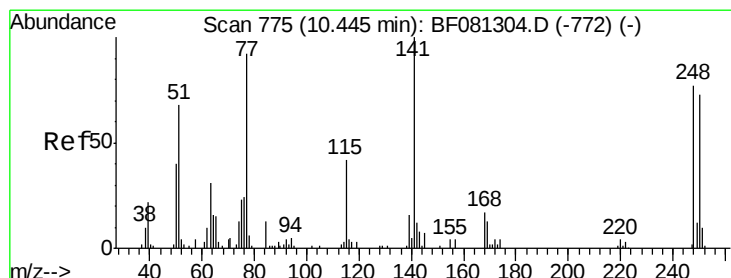
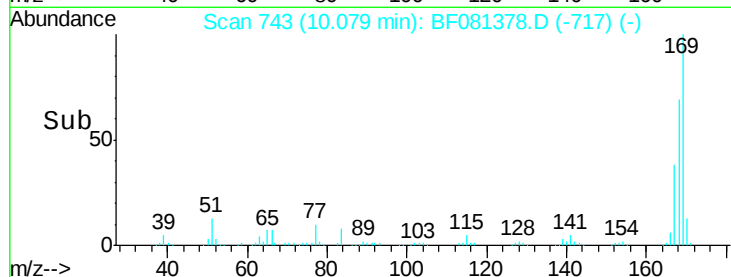
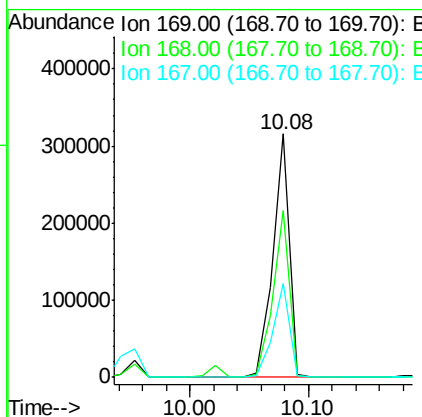
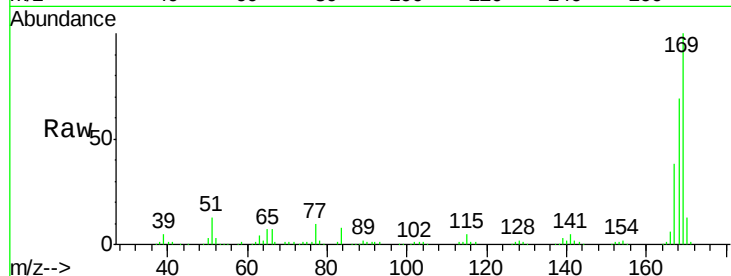
#65
n-Nitrosodiphenylamine
Concen: 39.53 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	304108		
168	68.5	48.9	73.3	
167	38.5	26.2	39.4	

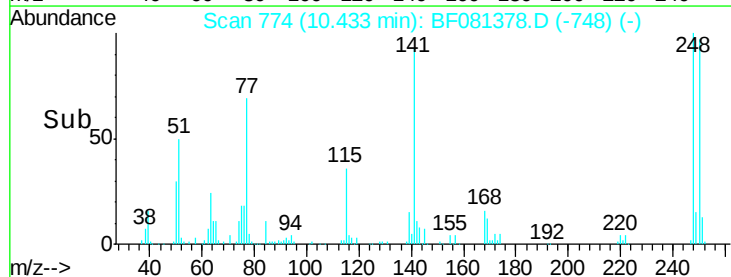
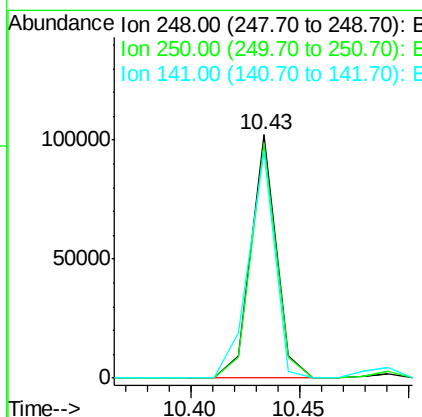
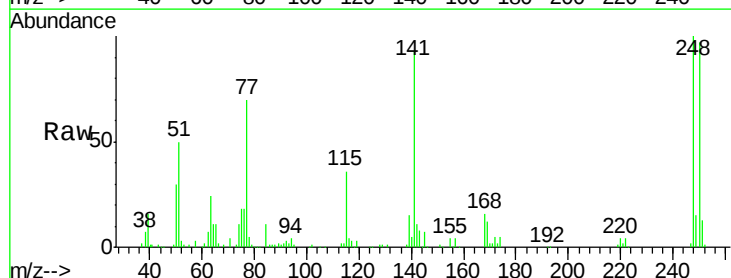
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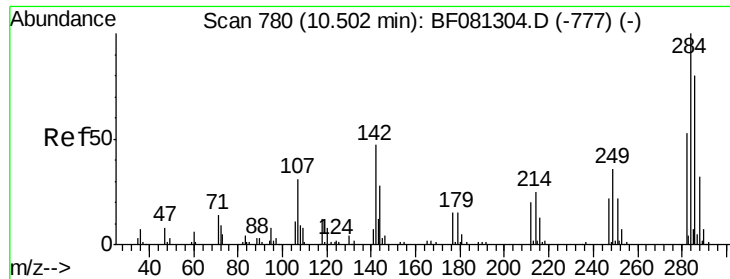
MMDadoda
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#66
4-Bromophenyl-phenylether
Concen: 38.94 ng
RT: 10.43 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	83240		
250	96.5	78.5	117.7	
141	93.4	59.0	88.6#	





#67

Hexachlorobenzene

Concen: 41.41 ng

RT: 10.49 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

Instrument :

BNA_F

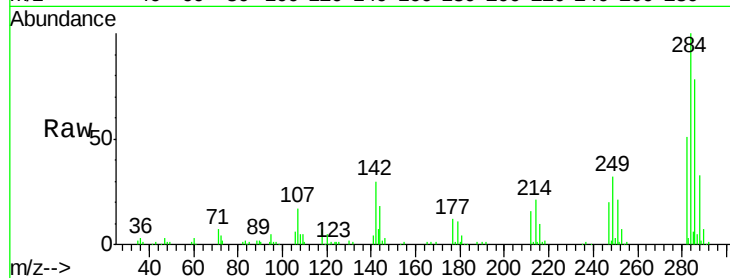
ClientSampleId :

SSTDCCC040

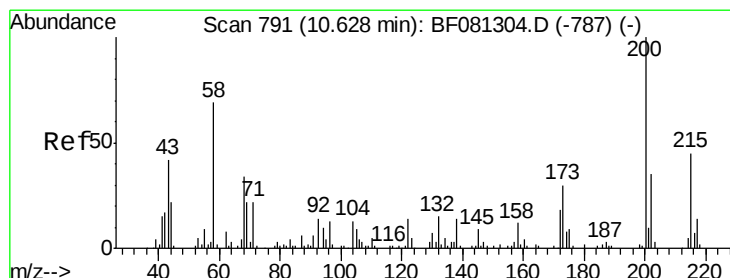
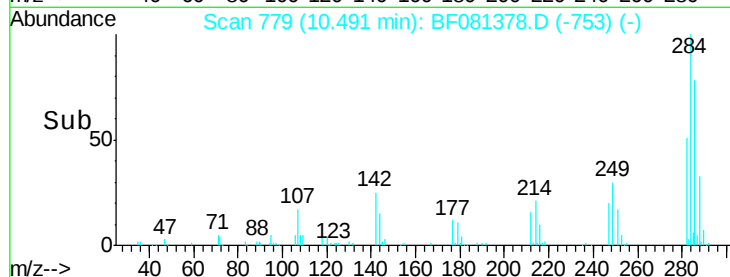
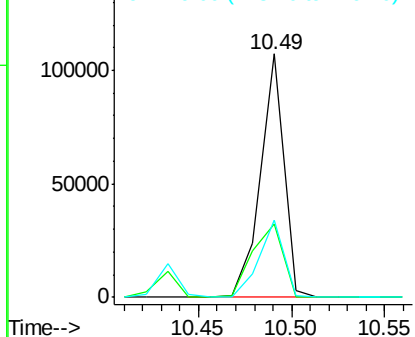
Tot Ion:	284	Resp:	92544
Ion Ratio	Lower	Upper	
284	100		
142	30.1	29.5	44.3
249	31.9	19.5	29.3#

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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: 39.66 ng

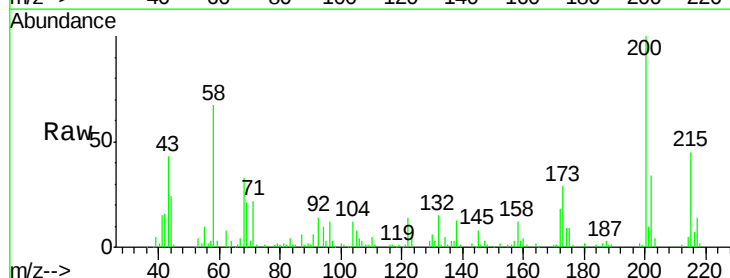
RT: 10.62 min Scan# 790

Delta R.T. 0.00 min

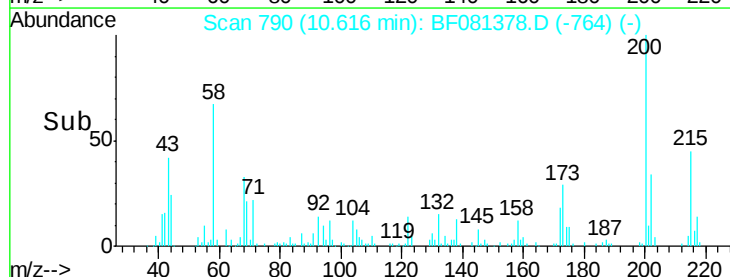
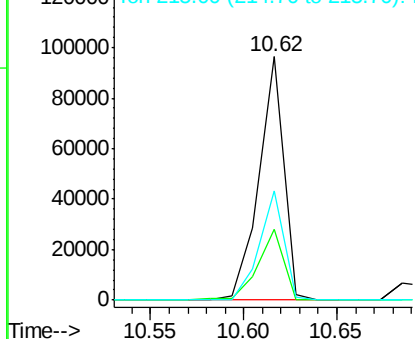
Lab File: BF081378.D

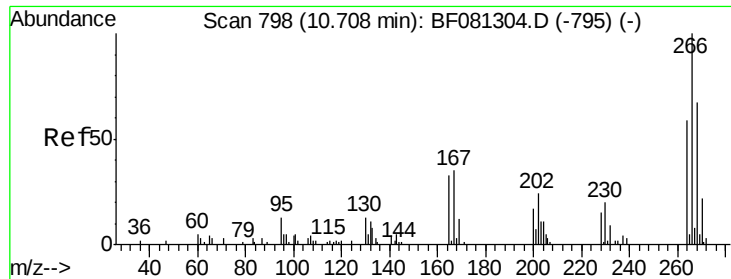
Acq: 3 Sep 2015 15:29

Tgt Ion:	200	Resp:	88292
Ion Ratio	Lower	Upper	
200	100		
173	29.2	13.2	53.2
215	44.9	41.8	81.8



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





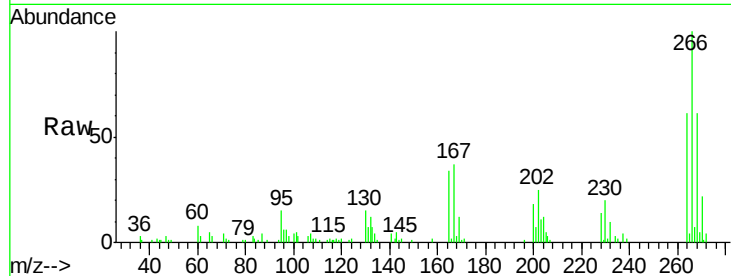
#69
 Pentachlorophenol
 Concen: 44.33 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

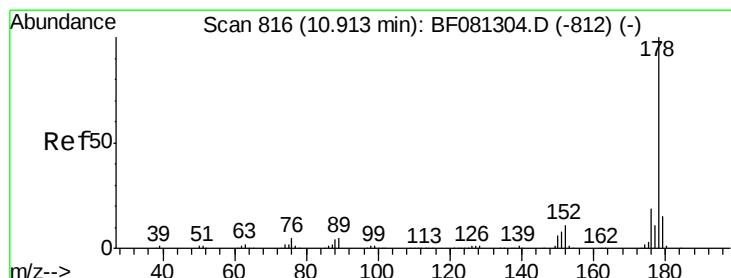
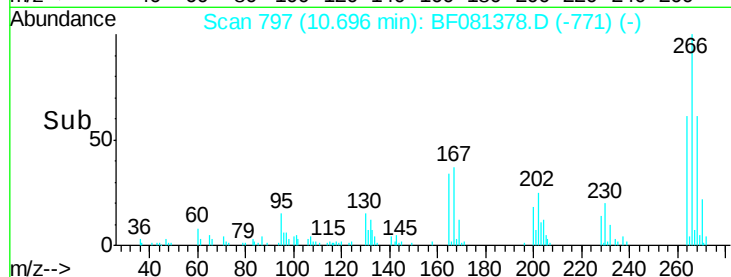
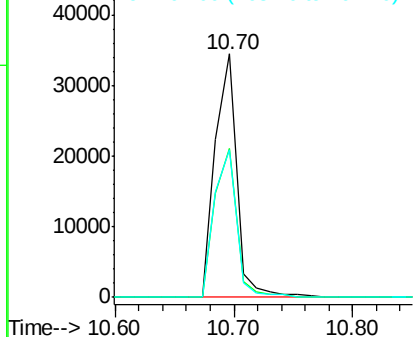
Tot Ion	Ratio	Resp	Lower	Upper
266	100	43468		
268	61.1	49.8	74.6	
264	60.8	50.2	75.2	

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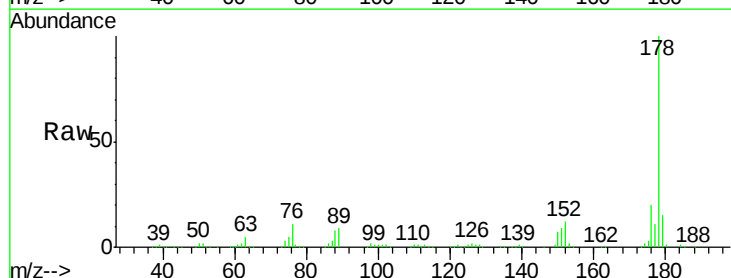


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

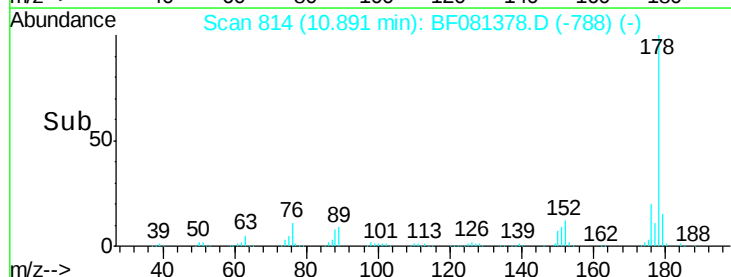
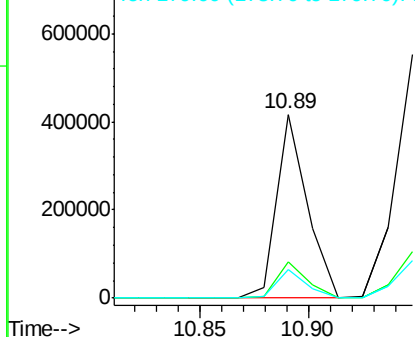


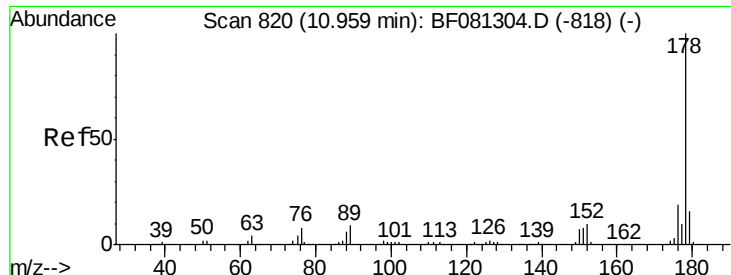
#70
 Phenanthrene
 Concen: 35.25 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	414268		
176	19.9	13.8	20.8	
179	15.5	12.2	18.2	



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





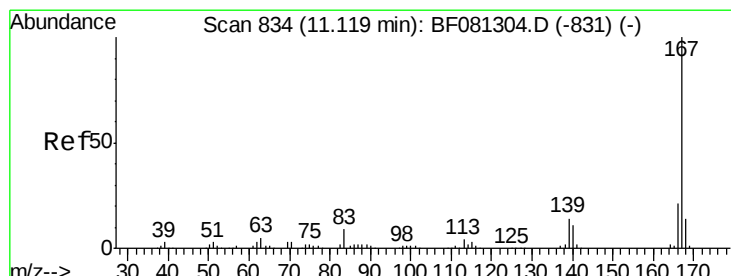
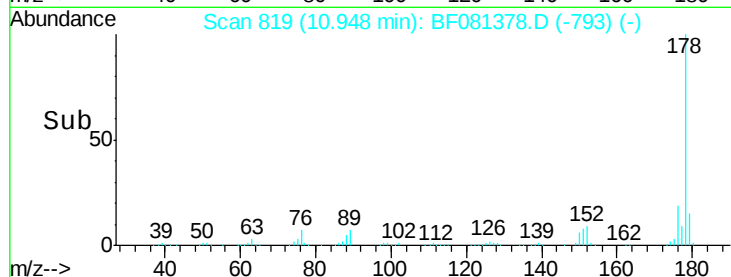
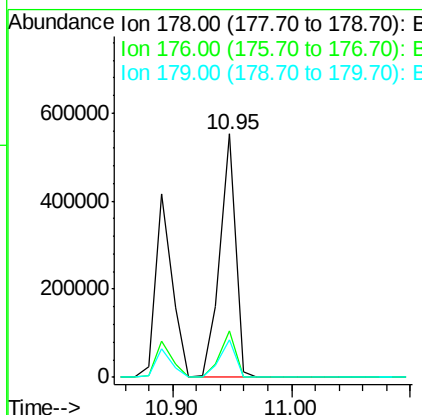
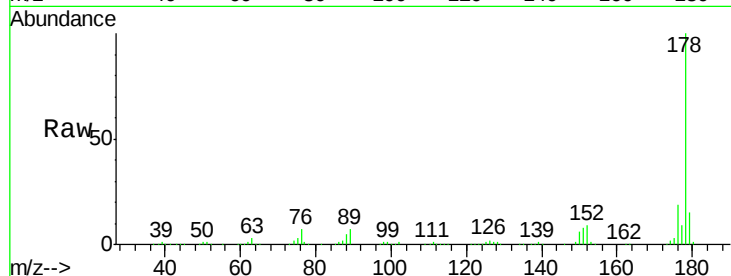
#71
 Anthracene
 Concen: 41.69 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.1	21.1
179	15.4	12.2	18.2

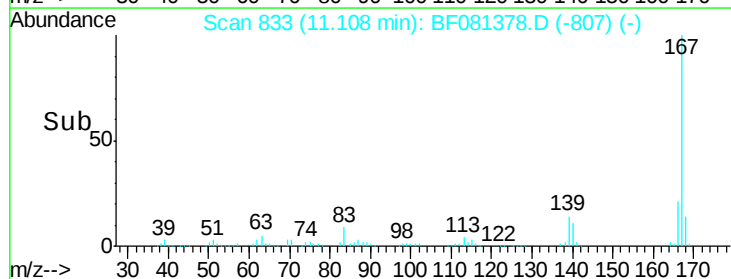
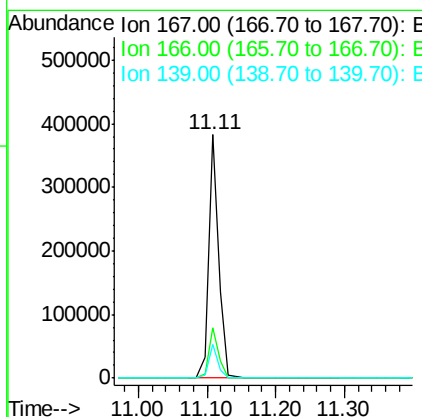
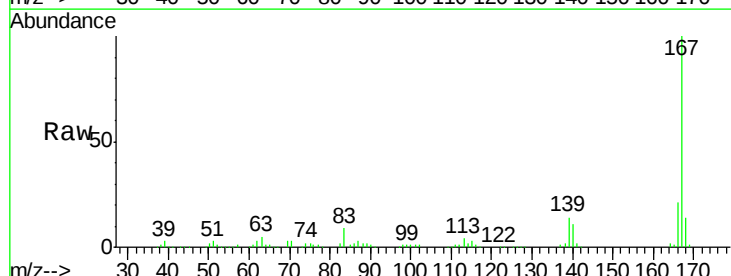
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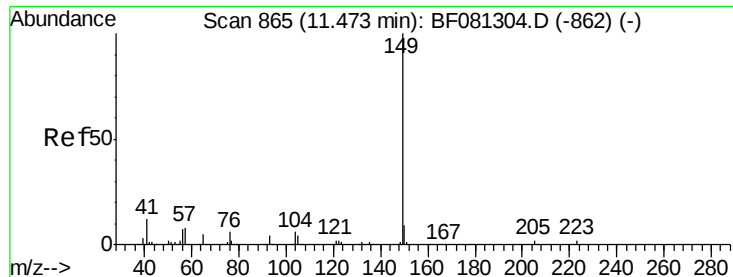
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#72
 Carbazole
 Concen: 34.08 ng
 RT: 11.11 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.9	15.7	23.5
139	14.0	9.5	14.3





#73

Di-n-butylphthalate

Concen: 38.47 ng

RT: 11.46 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

Instrument :

BNA_F

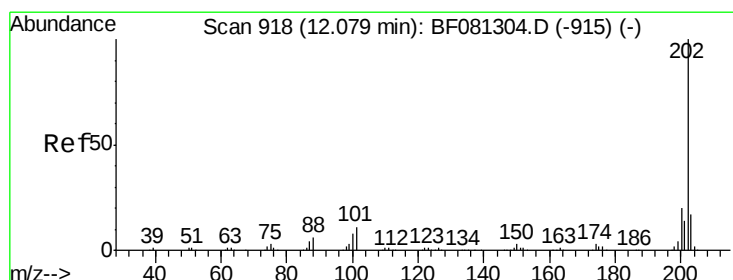
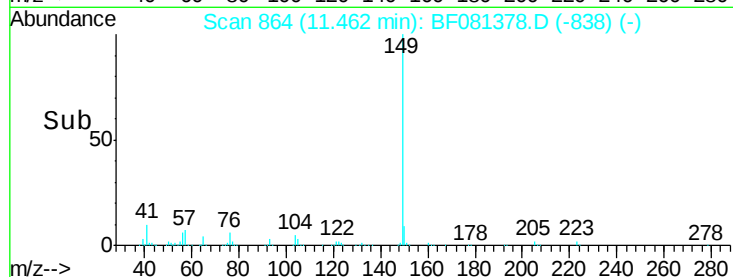
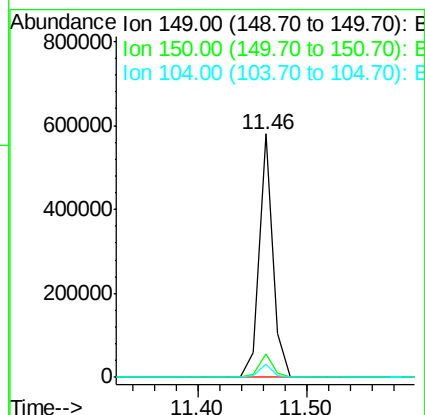
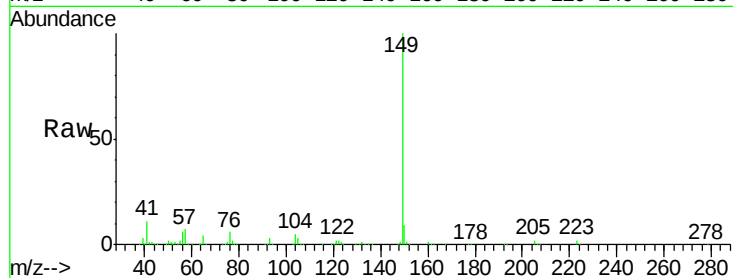
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	514783
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.4	11.2
104	5.4	2.4	3.6#

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#74

Fluoranthene

Concen: 39.96 ng

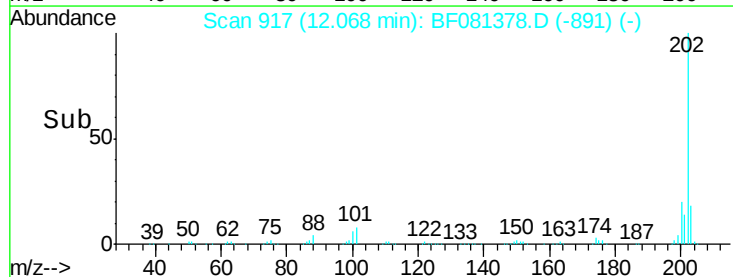
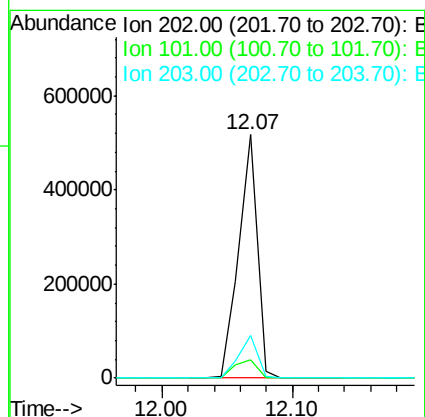
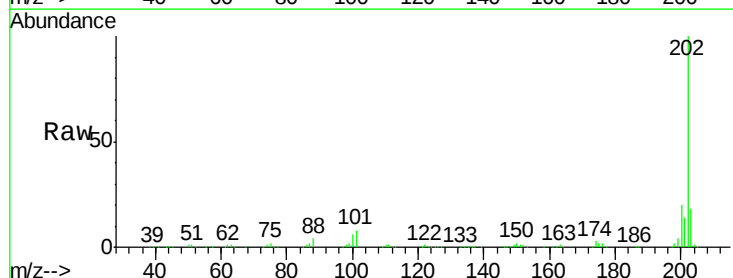
RT: 12.07 min Scan# 917

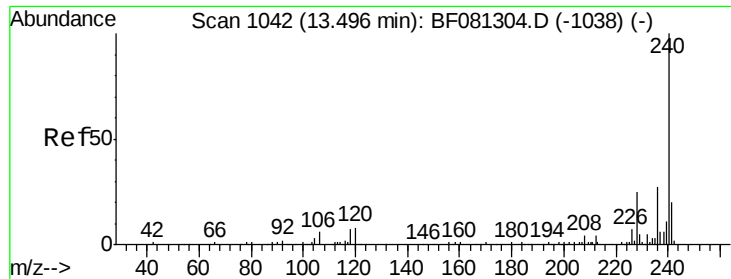
Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

Tgt Ion:	202	Resp:	508447
Ion Ratio	Lower	Upper	
202	100		
101	7.6	0.0	38.3
203	17.8	0.0	37.3





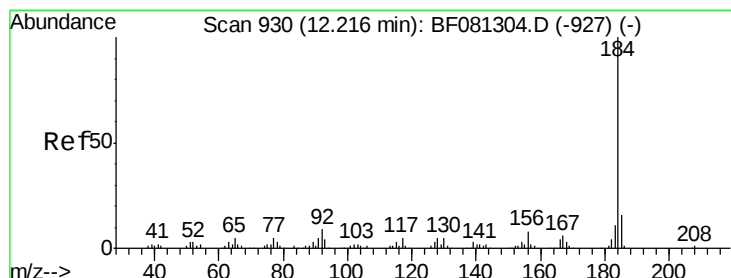
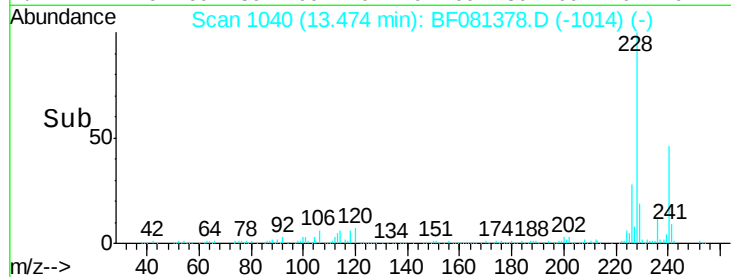
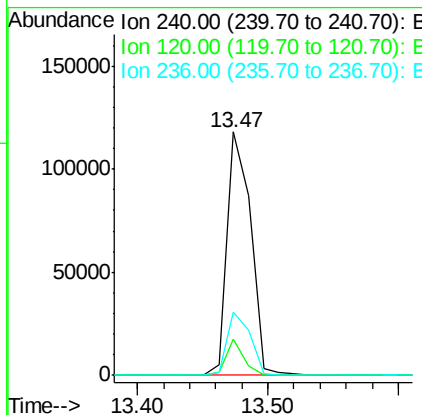
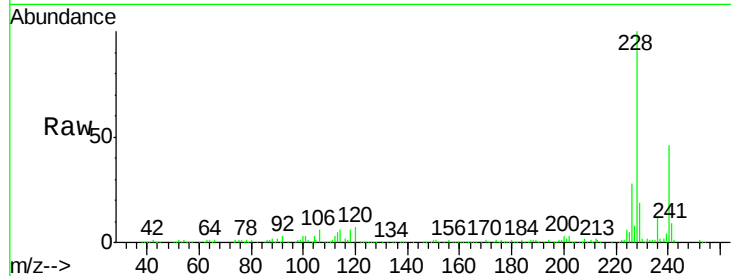
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100	148284		
120	15.0	16.2	24.2#	
236	25.7	18.4	27.6	

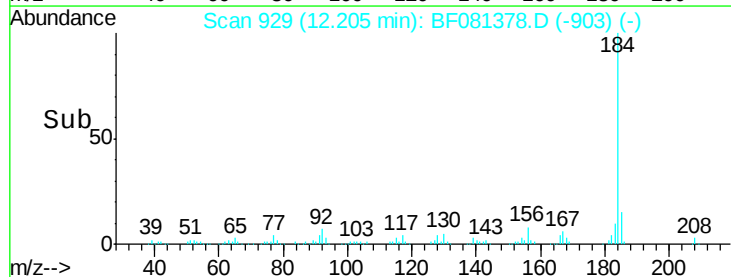
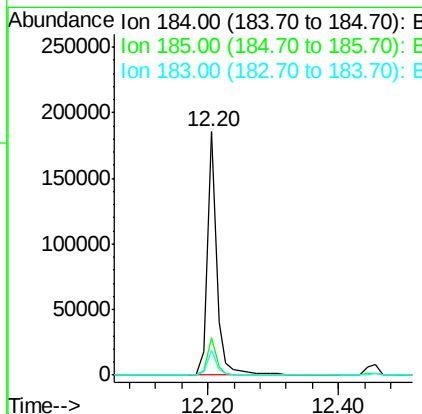
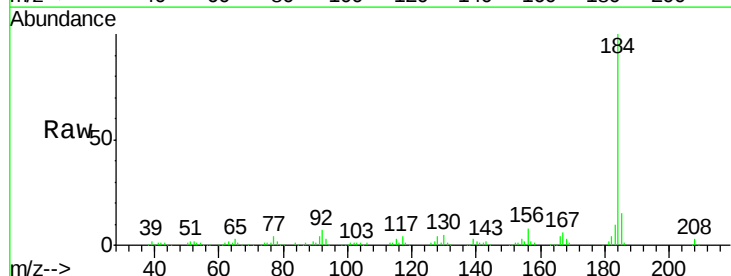
Manual Integrations
 APPROVED

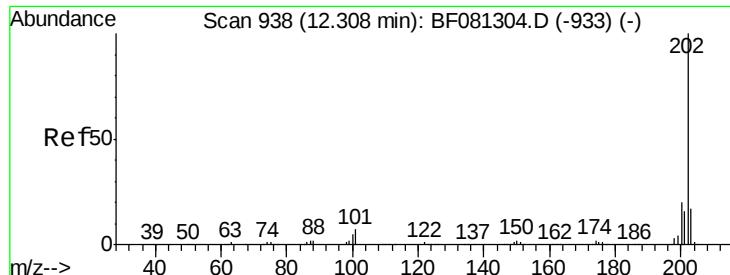
MMDadoda
 9/4/2015 2:50:41 PM



#76
 Benzidine
 Concen: 28.93 ng
 RT: 12.20 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	184165		
185	15.3	11.8	17.6	
183	10.3	7.6	11.4	





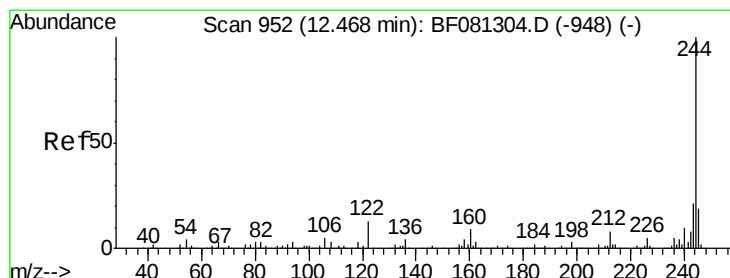
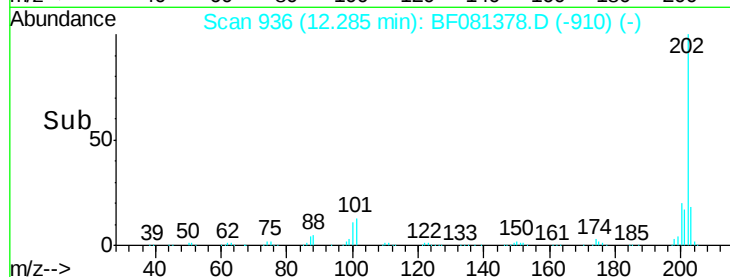
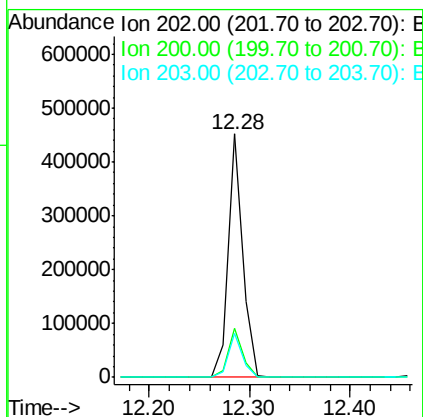
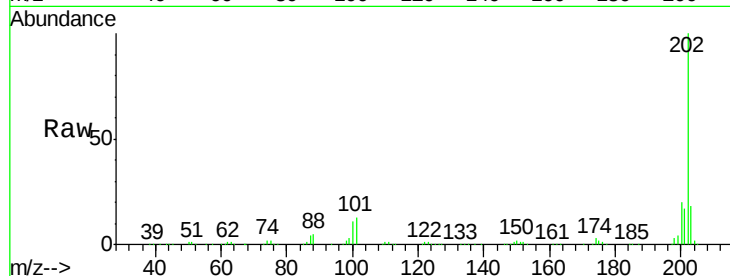
#77
Pvrene
Concen: 41.01 ng
RT: 12.28 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.9	15.0	22.4
203	17.9	14.1	21.1

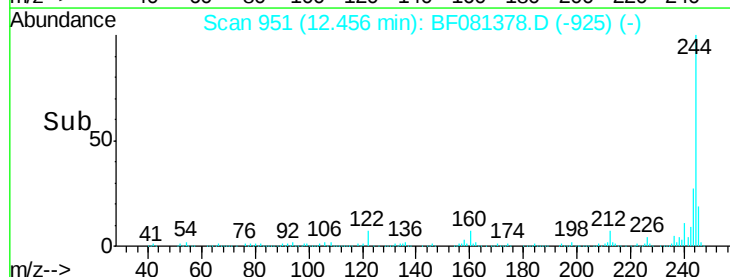
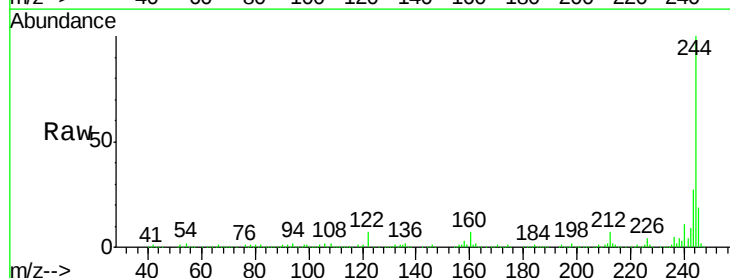
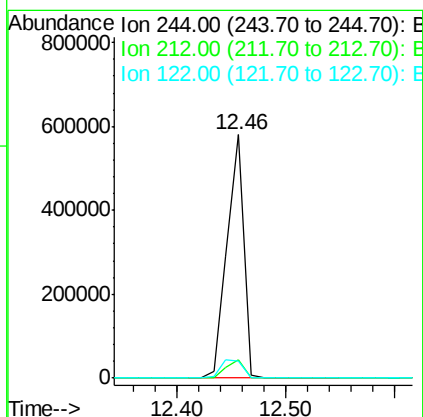
Manual Integrations
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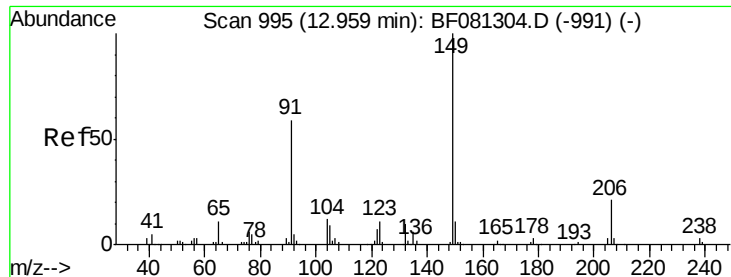
MMDadoda
9/4/2015 2:50:41 PM



#78
Terphenyl-d14
Concen: 96.66 ng
RT: 12.46 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	4.3	6.5#
122	7.1	17.4	26.2#





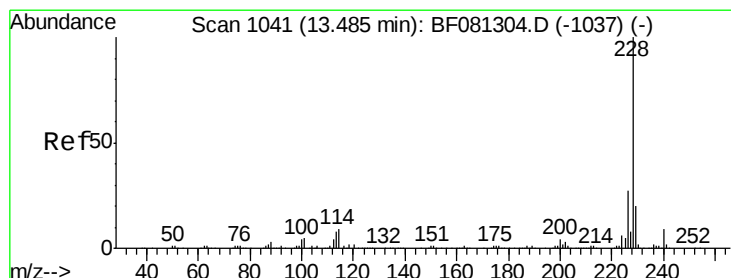
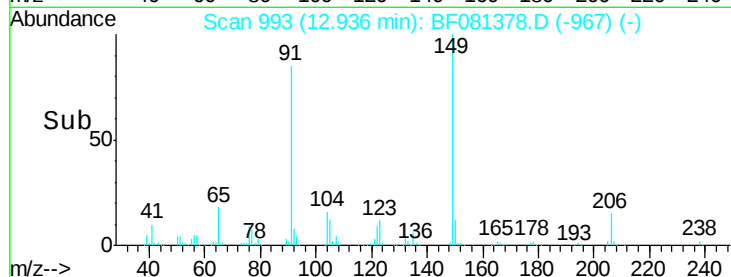
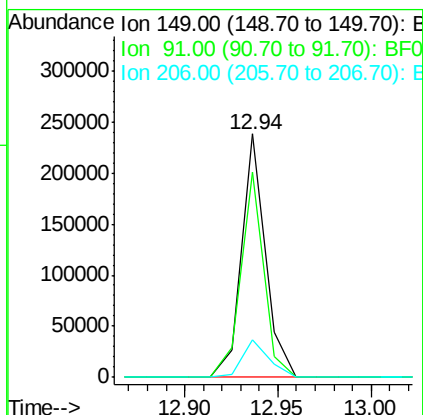
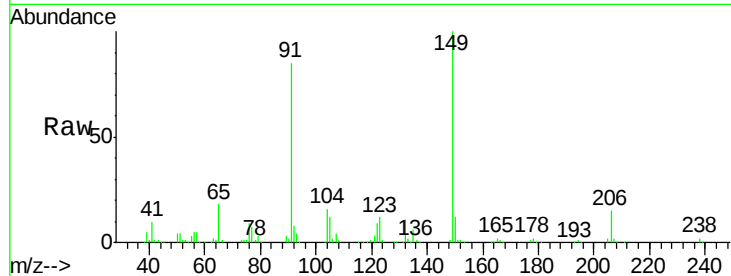
#79
Butylbenzylphthalate
Concen: 44.37 ng
RT: 12.94 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	211941		
91	84.5	48.6	72.8#	
206	15.5	14.9	22.3	

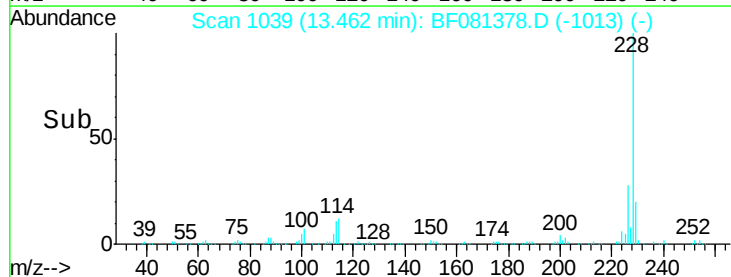
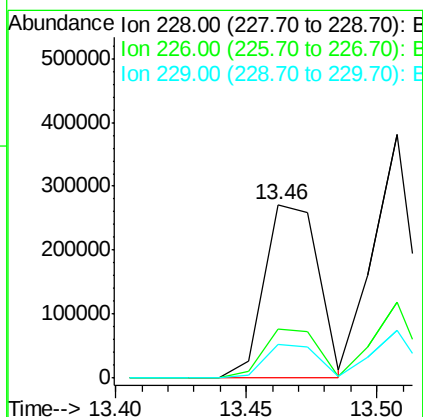
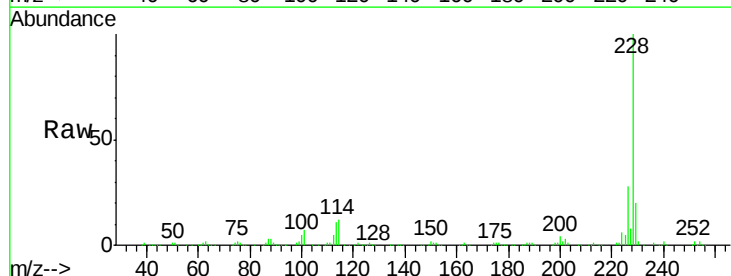
Manual Integrations
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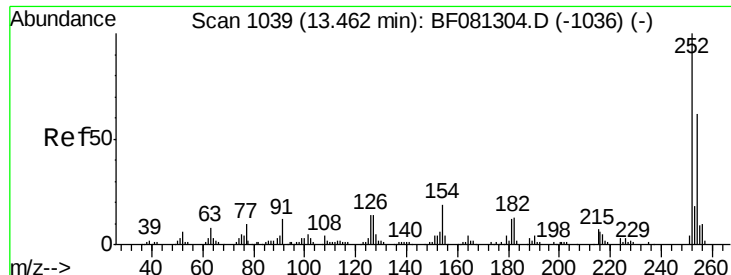
MMDadoda
9/4/2015 2:50:41 PM



#80
Benzo(a)anthracene
Concen: 41.33 ng
RT: 13.46 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	390272		
226	28.0	20.0	30.0	
229	19.6	15.4	23.2	





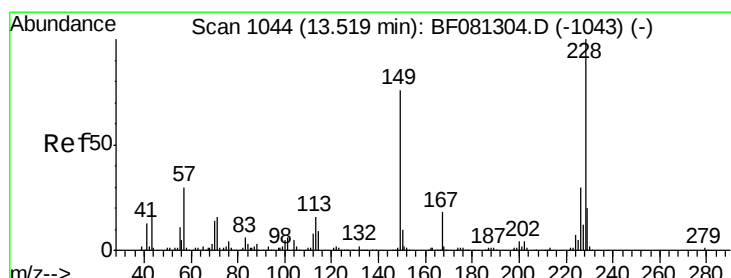
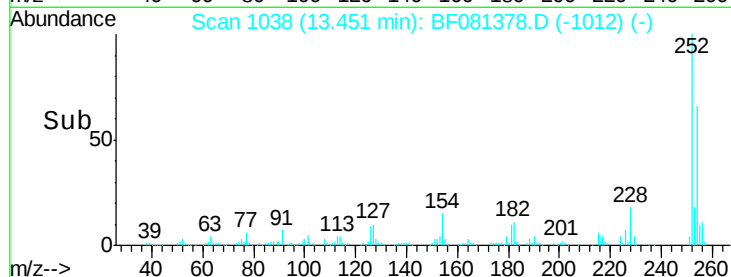
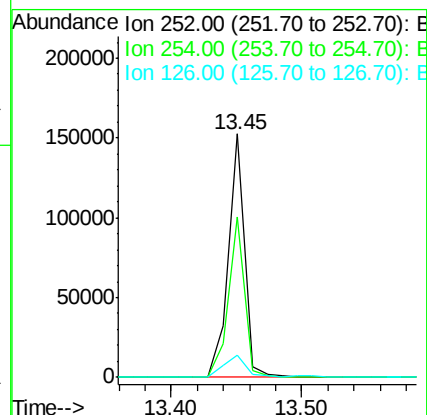
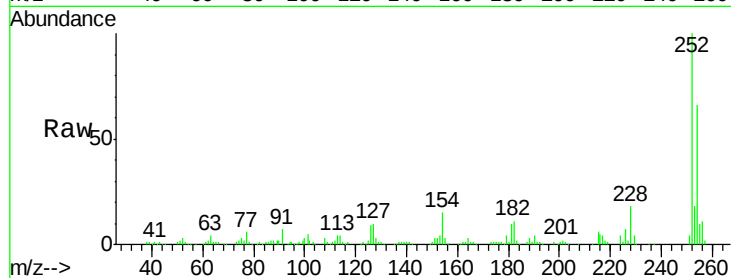
#81
 3,3'-Dichlorobenzidine
 Concen: 41.88 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.9	51.4	77.2
126	9.1	16.4	24.6

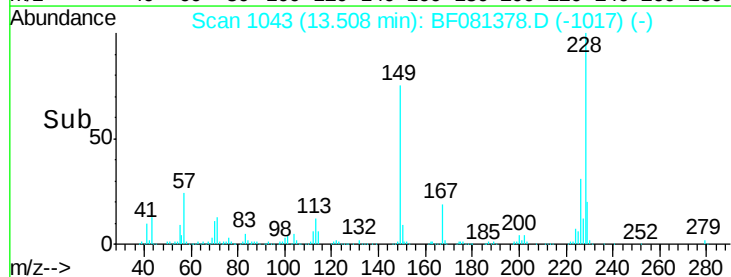
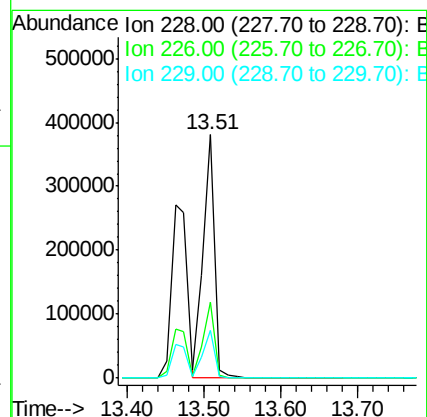
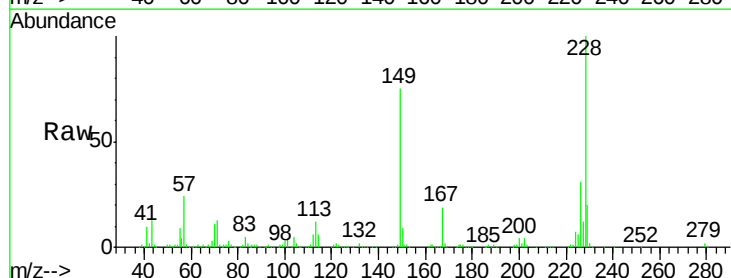
Manual Integrations
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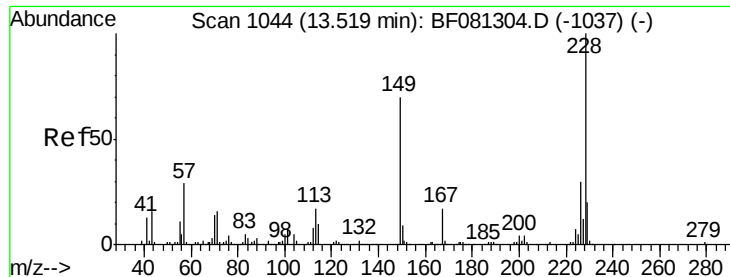
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#82
 Chrysene
 Concen: 46.04 ng
 RT: 13.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	21.0	31.4
229	19.8	15.6	23.4





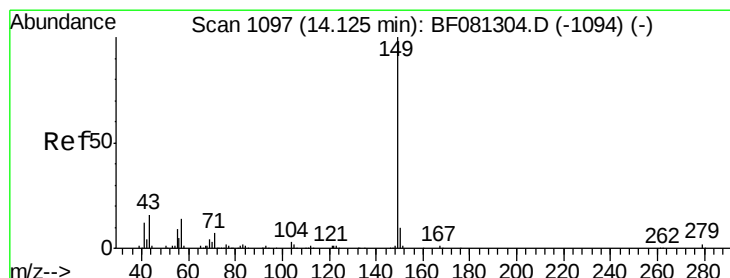
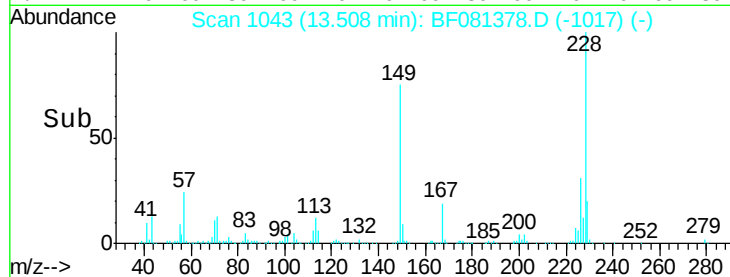
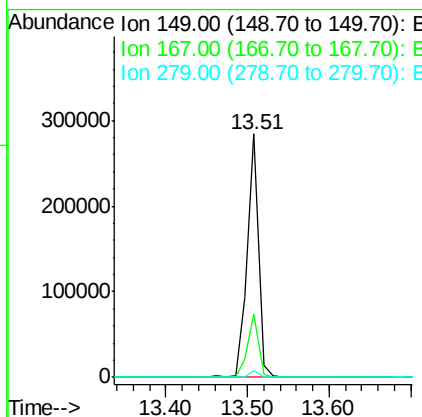
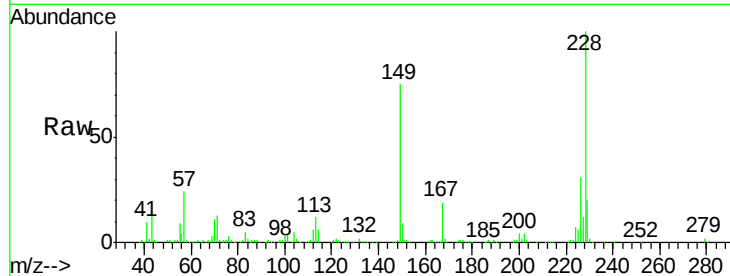
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.46 ng
 RT: 13.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	273998		
167	25.8	24.2	36.2	
279	2.8	3.8	5.6	

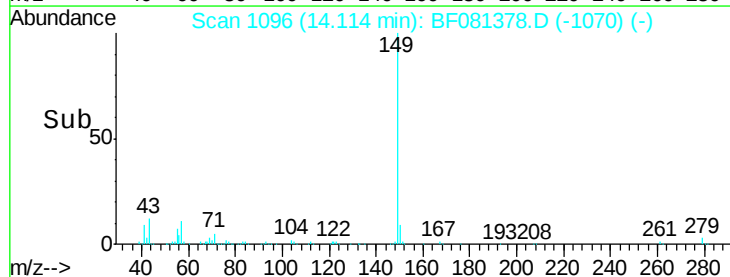
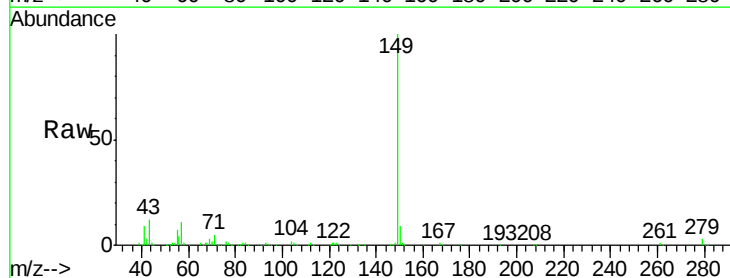
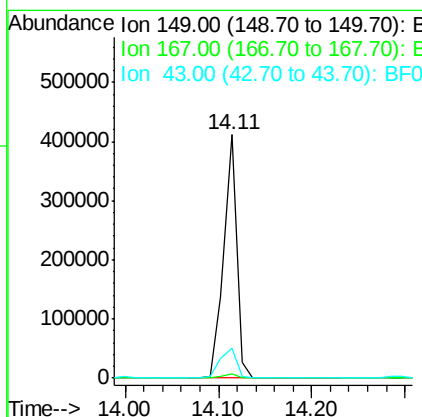
Manual Integrations
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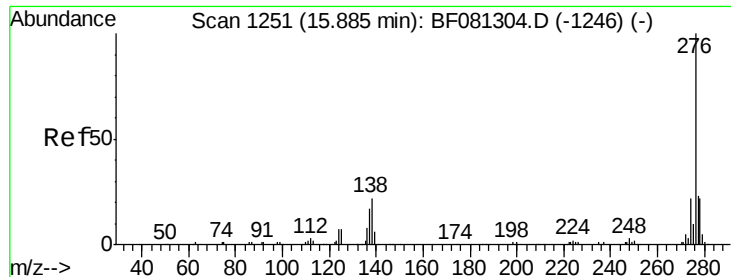
MMDadoda
 9/4/2015 2:50:41 PM



#84
 Di-n-octyl phthalate
 Concen: 38.50 ng
 RT: 14.11 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	399619		
167	1.5	1.0	1.6	
43	14.4	10.2	15.2	





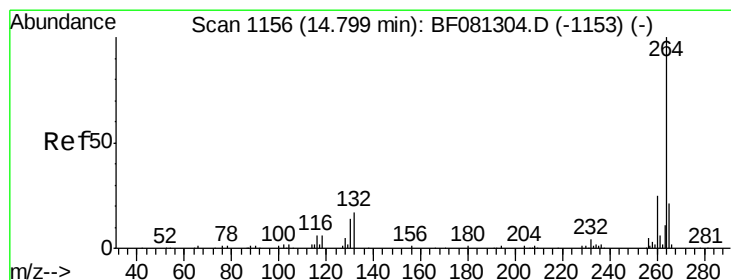
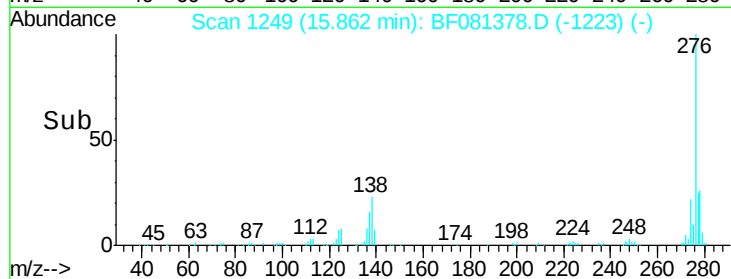
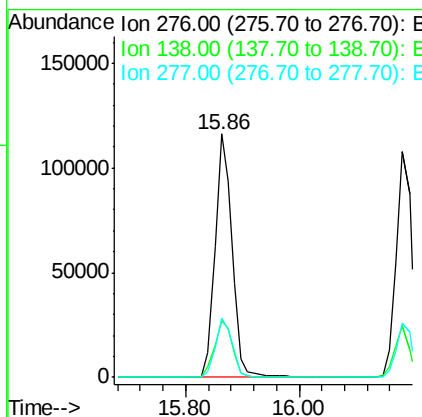
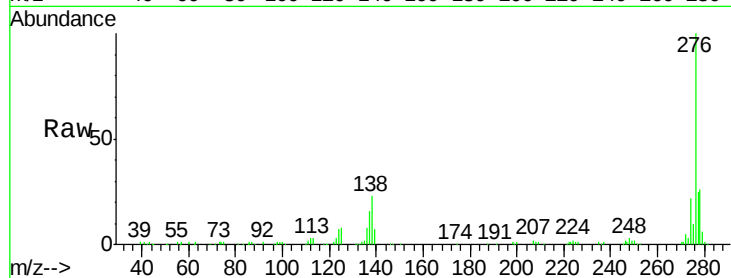
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.62 ng
 RT: 15.86 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	25.7	38.5#
277	24.3	15.6	23.4#

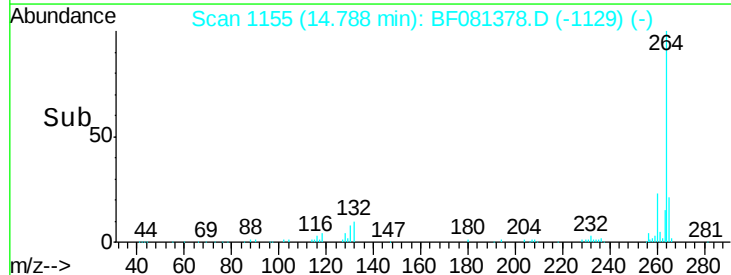
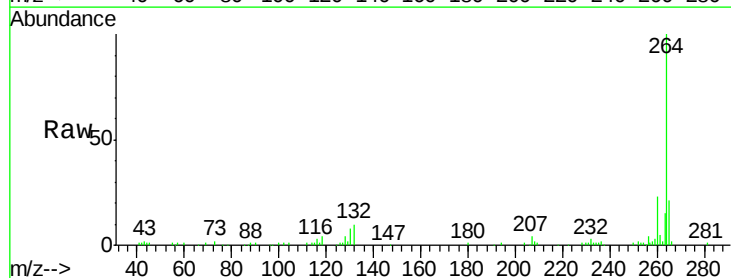
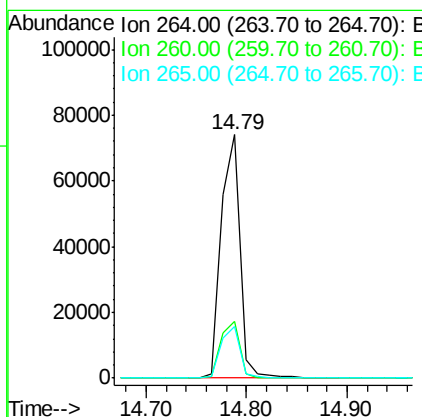
Manual Integrations
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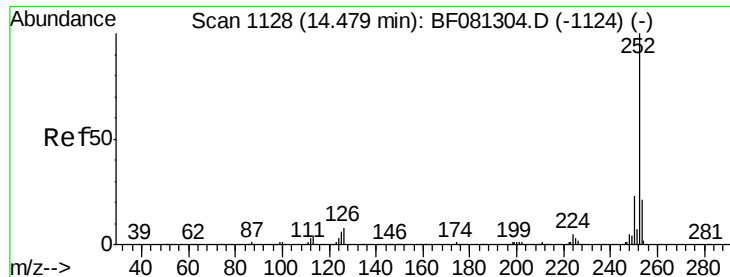
MMDadoda
 9/4/2015 2:50:41 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.79 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	16.7	25.1
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 39.60 ng m

RT: 14.46 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

Instrument :

BNA_F

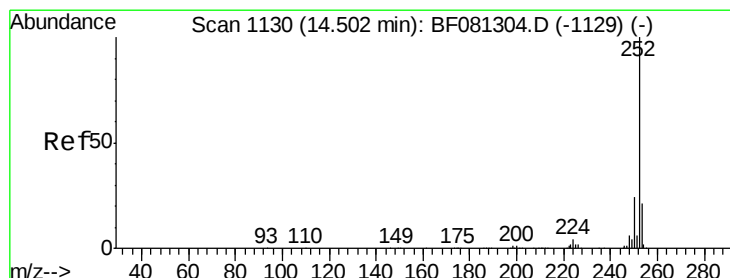
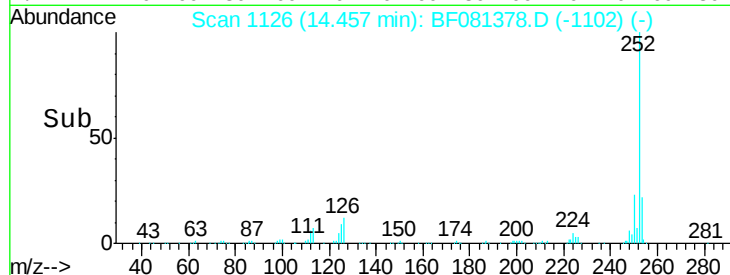
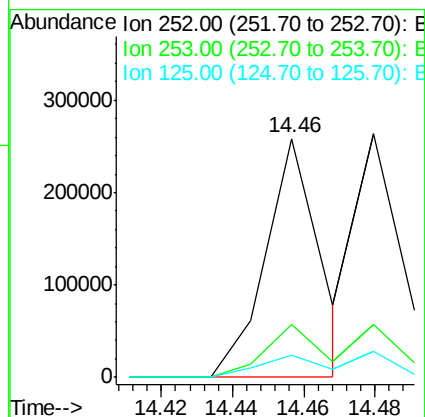
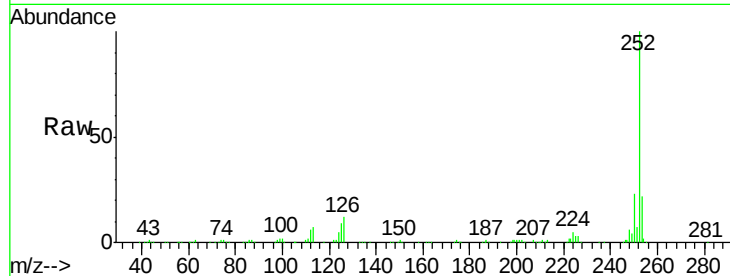
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	273028
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	9.3	17.1	25.7#

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#88

Benzo(k)fluoranthene

Concen: 41.69 ng m

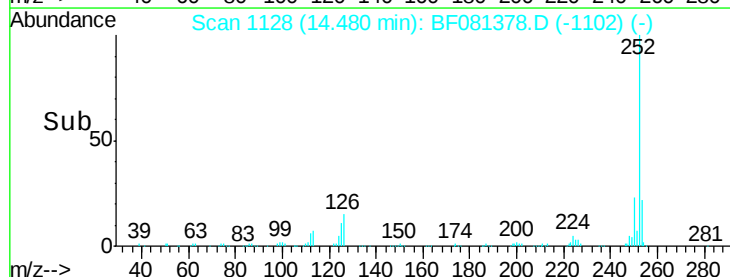
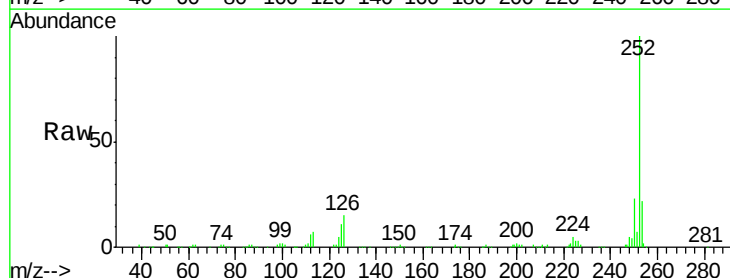
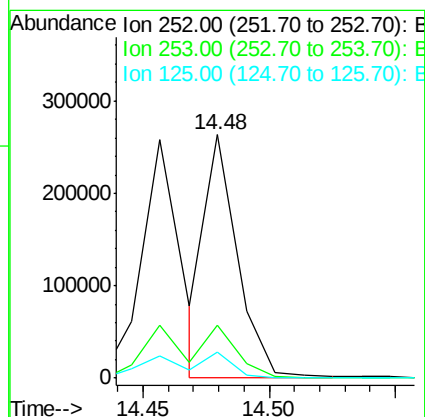
RT: 14.48 min Scan# 1128

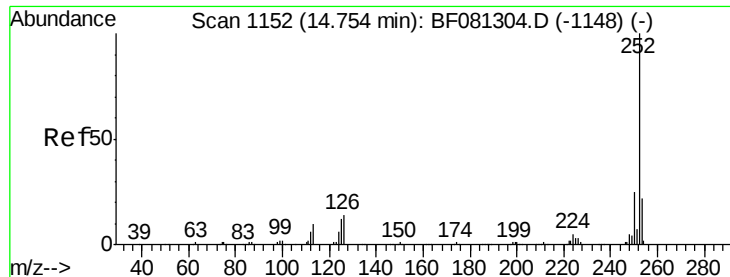
Delta R.T. 0.00 min

Lab File: BF081378.D

Acq: 3 Sep 2015 15:29

Tgt Ion:	252	Resp:	238491
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.0	25.4
125	10.5	16.0	24.0#





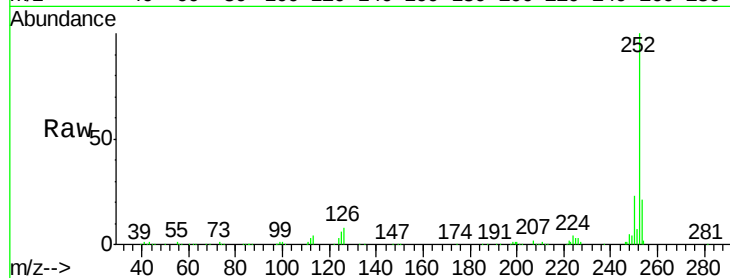
#89
Benzo(a)pyrene
Concen: 40.66 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

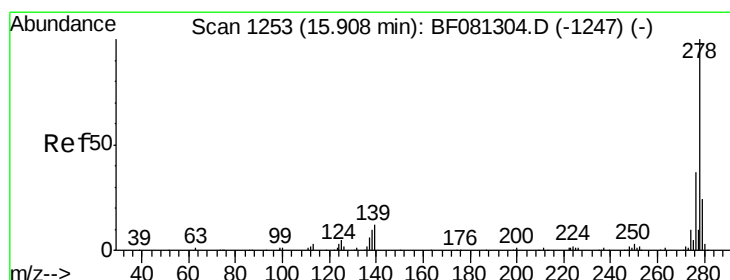
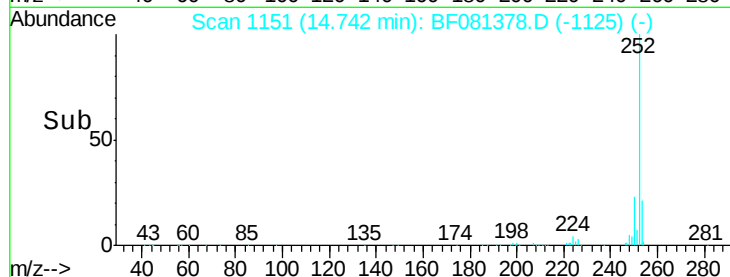
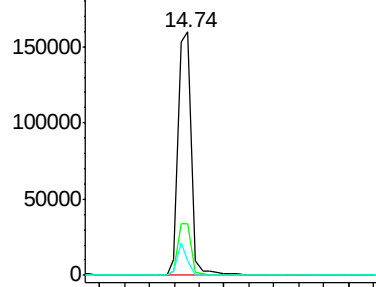
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	5.7	18.0	27.0

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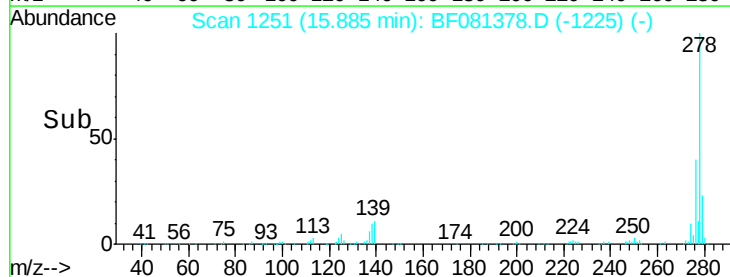
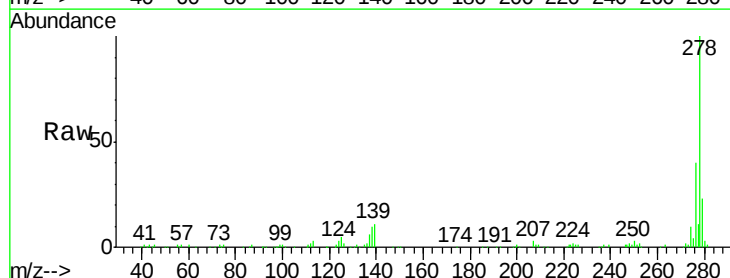
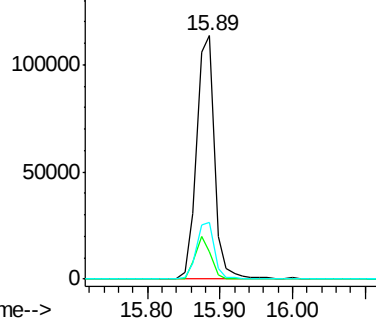
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

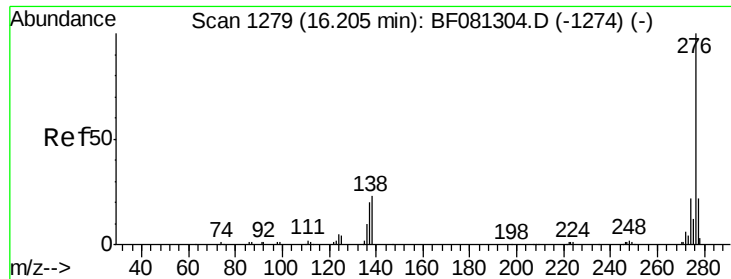


#90
Dibenzo(a,h)anthracene
Concen: 43.61 ng
RT: 15.89 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF081378.D
Acq: 3 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.5	26.3	39.5
279	23.4	18.2	27.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





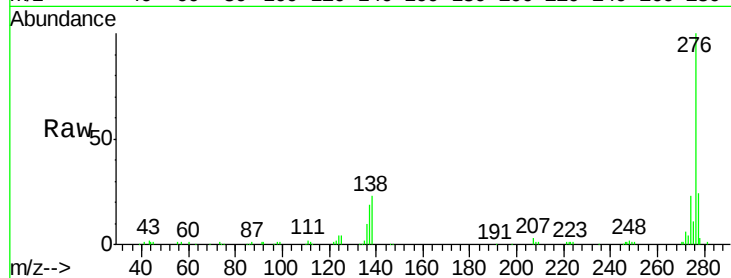
#91
 Benzo(a,h,i)perylene
 Concen: 47.12 ng
 RT: 16.18 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: BF081378.D
 Acq: 3 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.8	26.6
138	22.8	34.6	51.8

Manual Integrations
 APPROVED

MMDadoda
 9/4/2015 2:50:41 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

