

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078558.D
 Acq On : 16 Apr 2015 2:09
 Operator : TP/IZ
 Sample : G1854-03MS 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11A(6-12)MS

Manual Integrations
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 4/16/2015 3:31:19 PM

Quant Time: Apr 16 10:45:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 16 01:25:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	35071	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	141036	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	70662	20.00	ng	0.01
63) Phenanthrene-d10	12.27	188	133316	20.00	ng	0.00
75) Chrysene-d12	15.53	240	134884	20.00	ng	0.00
86) Perylene-d12	17.17	264	136297	20.00	ng	-0.14

System Monitoring Compounds

5) 2-Fluorophenol	4.95	112	26440	12.43	ng	0.01
7) Phenol-d6	6.32	99	37421	14.04	ng	0.01
23) Nitrobenzene-d5	7.42	82	19440	8.35	ng	0.00
41) 2,4,6-Tribromophenol	11.43	330	7674	13.09	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	46139	9.33	ng	0.00
78) Terphenyl-d14	14.26	244	50208	8.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.50	88	2958	3.08	ng	# 23
3) Pyridine	2.11	79	8773	3.48	ng	# 88
4) n-Nitrosodimethylamine	2.02	42	4309m	4.44	ng	
6) Aniline	6.30	93	10890	2.88	ng	90
8) 2-Chlorophenol	6.44	128	10882	4.33	ng	97
9) Benzaldehyde	6.15	77	2560	1.45	ng	85
10) Phenol	6.34	94	13470	4.22	ng	94
11) bis(2-Chloroethyl)ether	6.41	93	10166	4.43	ng	95
12) 1,3-Dichlorobenzene	6.63	146	11924	4.32	ng	96
13) 1,4-Dichlorobenzene	6.73	146	11891	4.28	ng	98
14) 1,2-Dichlorobenzene	6.91	146	10752	4.12	ng	# 86
15) Benzyl Alcohol	6.92	79	9688	5.17	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	12978	4.24	ng	# 7
17) 2-Methylphenol	7.10	107	8255	4.23	ng	# 86
18) Hexachloroethane	7.32	117	3357	3.58	ng	# 71
19) n-Nitroso-di-n-propylamine	7.26	70	9730	5.53	ng	# 93
20) 3+4-Methylphenols	7.29	107	11206	4.30	ng	95
22) Acetophenone	7.23	105	16214	4.93	ng	# 89
24) Nitrobenzene	7.44	77	10346	4.25	ng	# 85
25) Isophorone	7.75	82	20678	4.68	ng	# 92
26) 2-Nitrophenol	7.84	139	3880	3.35	ng	# 1
27) 2,4-Dimethylphenol	7.93	122	9400	4.36	ng	91
28) bis(2-Chloroethoxy)methane	8.04	93	16420	5.80	ng	# 73
29) 2,4-Dichlorophenol	8.16	162	9514	4.85	ng	91
30) 1,2,4-Trichlorobenzene	8.23	180	9300	4.14	ng	96
31) Naphthalene	8.32	128	39708	5.41	ng	99
33) 4-Chloroaniline	8.41	127	10850	3.56	ng	# 86
34) Hexachlorobutadiene	8.48	225	5222	4.23	ng	97
36) 4-Chloro-3-methylphenol	9.05	107	9259	4.68	ng	# 85
37) 2-Methylnaphthalene	9.18	142	25748	5.17	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	8969	4.10	ng	# 89
42) 2,4,6-Trichlorophenol	9.54	196	6434	4.66	ng	98
43) 2,4,5-Trichlorophenol	9.60	196	6747	4.68	ng	# 47
45) 1,1'-Biphenyl	9.76	154	27665	4.79	ng	98

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 LS-SB11A(6-12)MS

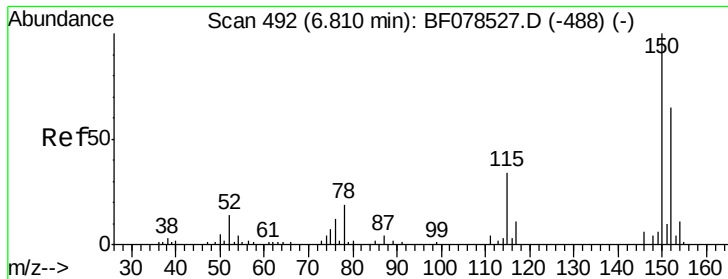
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.77	162	20375	4.48	ng	96
47) 2-Nitroaniline	9.92	65	5913	5.26	ng #	69
48) Acenaphthylene	10.27	152	44428	6.05	ng	95
49) Dimethylphthalate	10.16	163	28119	5.30	ng #	98
50) 2,6-Dinitrotoluene	10.23	165	3626	3.32	ng #	59
51) Acenaphthene	10.49	154	27145	6.57	ng	97
52) 3-Nitroaniline	10.43	138	6918	5.57	ng #	85
54) Dibenzofuran	10.71	168	35213	5.58	ng	93
56) 2,4-Dinitrotoluene	10.73	165	5574	3.94	ng #	91
57) Fluorene	11.13	166	36365	7.10	ng	95
59) Diethylphthalate	11.03	149	22975	4.49	ng	96
60) 4-Chlorophenyl-phenylether	11.15	204	10864	4.61	ng #	75
61) 4-Nitroaniline	11.18	138	5899	4.70	ng	88
62) Azobenzene	11.34	77	22962	4.92	ng #	71
65) n-Nitrosodiphenylamine	11.29	169	51747	11.22	ng #	69
66) 4-Bromophenyl-phenylether	11.75	248	6250	4.43	ng	93
67) Hexachlorobenzene	11.79	284	6426	4.15	ng #	56
68) Atrazine	11.98	200	7363	5.51	ng	85
69) Pentachlorophenol	12.06	266	4024	13.06	ng	97
70) Phenanthrene	12.31	178	128746	16.70	ng	99
71) Anthracene	12.37	178	60648m	7.98	ng	
72) Carbazole	12.58	167	36493	5.12	ng #	90
73) Di-n-butylphthalate	13.05	149	38236	4.74	ng #	92
74) Fluoranthene	13.77	202	290585	35.73	ng	91
76) Benzidine	13.97	184	14117	2.72	ng #	90
77) Pyrene	14.03	202	304653	35.98	ng #	95
79) Butylbenzylphthalate	14.89	149	16520	5.12	ng	98
80) Benzo(a)anthracene	15.52	228	218147	27.18	ng	99
81) 3,3'-Dichlorobenzidine	15.51	252	10801	4.02	ng #	90
82) Chrysene	15.55	228	159616	21.17	ng	98
83) Bis(2-ethylhexyl)phthalate	15.62	149	26067	5.15	ng	97
84) Di-n-octyl phthalate	16.39	149	39034	4.70	ng #	100
85) Indeno(1,2,3-cd)pyrene	18.33	276	151411m	17.70	ng	
87) Benzo(b)fluoranthene	16.77	252	263185m	31.24	ng	
88) Benzo(k)fluoranthene	16.79	252	100514m	13.43	ng	
89) Benzo(a)pyrene	17.11	252	183755	25.00	ng #	90
90) Dibenzo(a,h)anthracene	18.35	278	56686m	7.70	ng	
91) Benzo(g,h,i)perylene	18.66	276	147391m	19.97	ng	

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

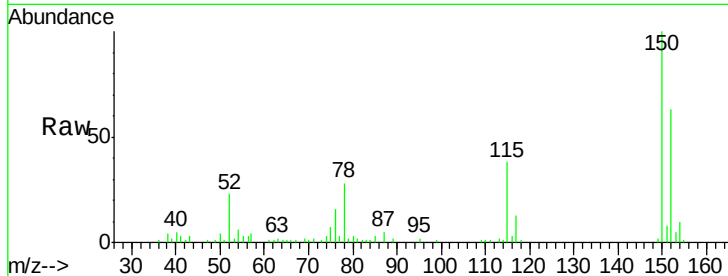
ClientSampleId :

LS-SB11A(6-12)MS

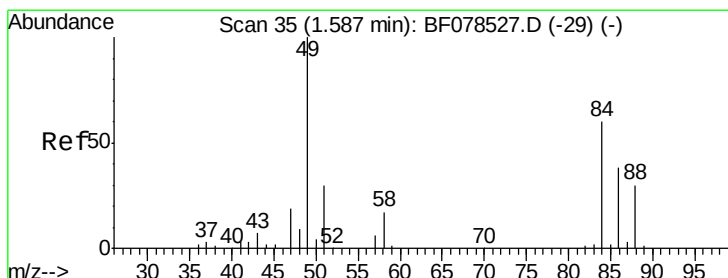
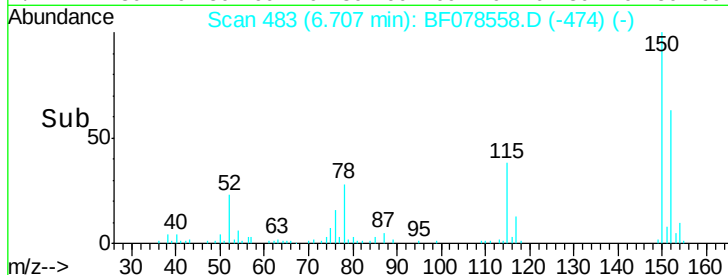
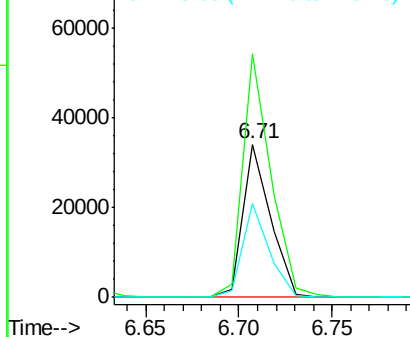
Tgt Ion:	152	Resp:	35071
Ion Ratio	Lower	Upper	
152	100		
150	159.0	125.9	188.9
115	61.0	52.7	79.1

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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: 3.08 ng

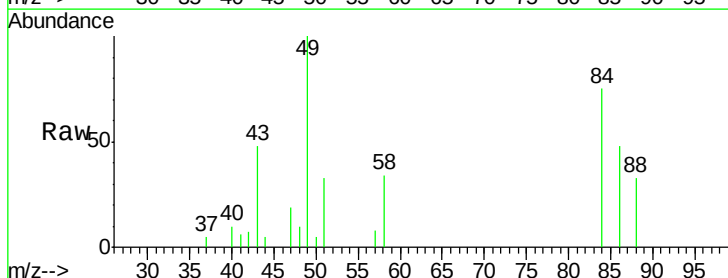
RT: 1.50 min Scan# 27

Delta R.T. 0.01 min

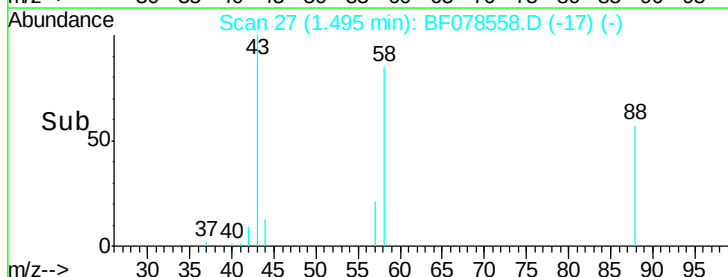
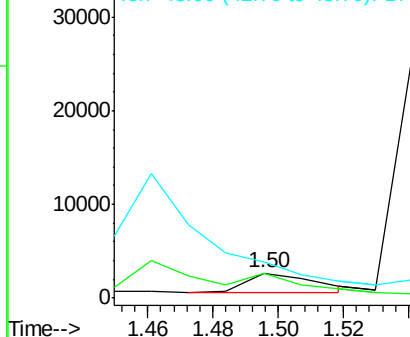
Lab File: BF078558.D

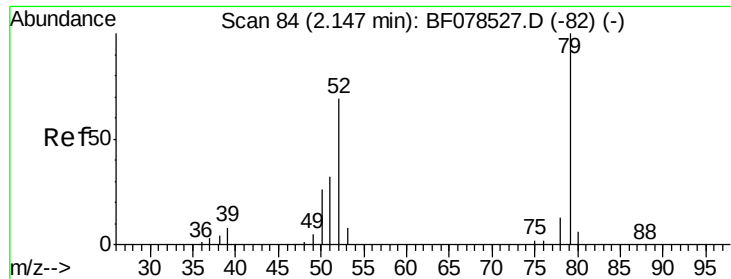
Acq: 16 Apr 2015 2:09

Tgt Ion:	88	Resp:	2958
Ion Ratio	Lower	Upper	
88	100		
58	0.0	56.9	85.3#
43	0.0	21.4	32.2#



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





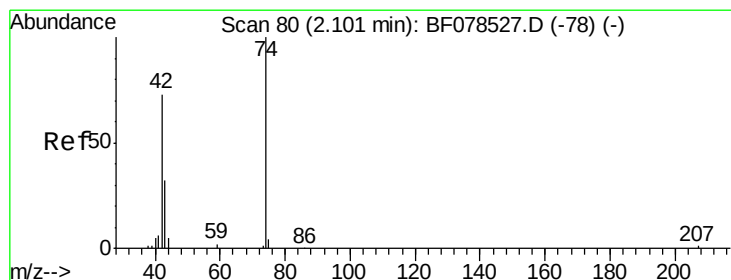
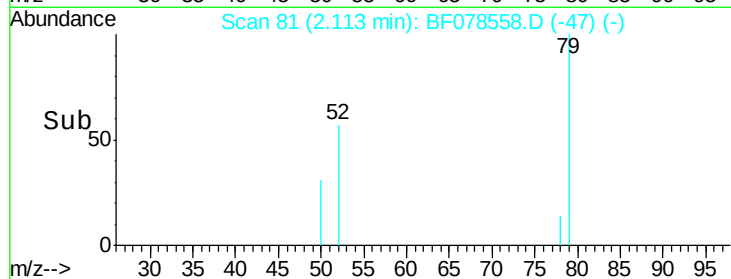
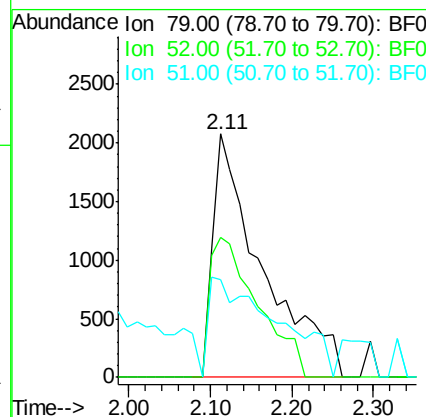
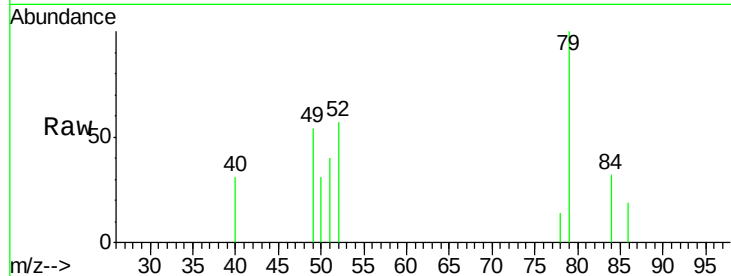
#3
 Pyridine
 Concen: 3.48 ng
 RT: 2.11 min Scan# 81
 Delta R.T. 0.09 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

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 BNA_F
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Tgt Ion	Ratio	Lower	Upper
79	100		
52	57.3	52.4	78.6
51	40.3	24.9	37.3#

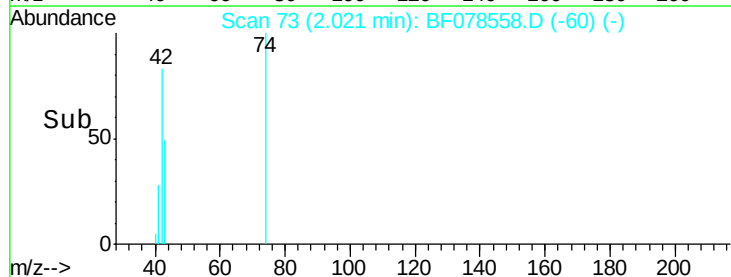
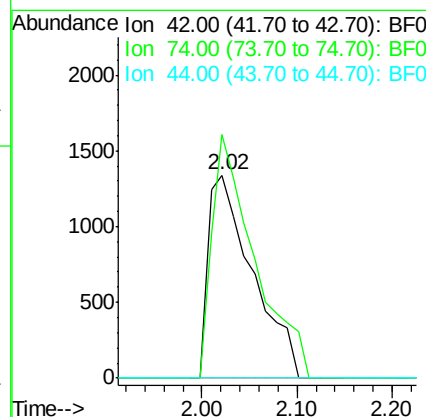
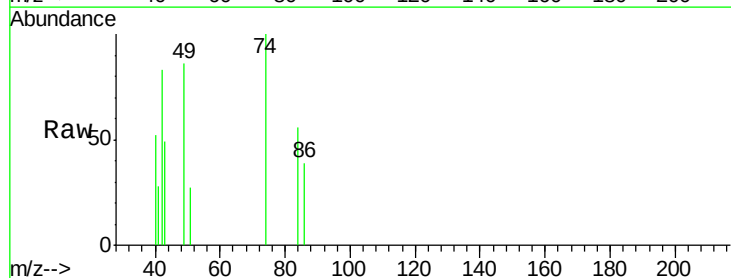
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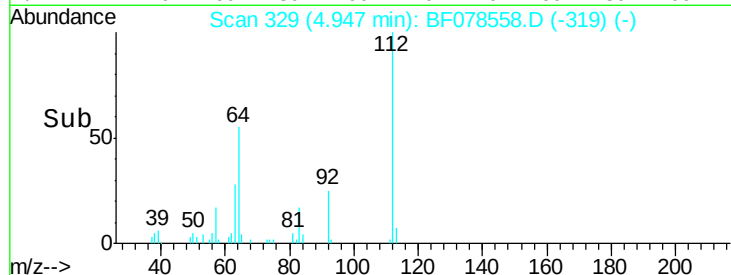
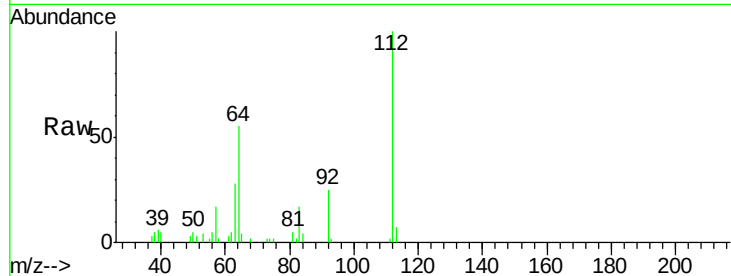
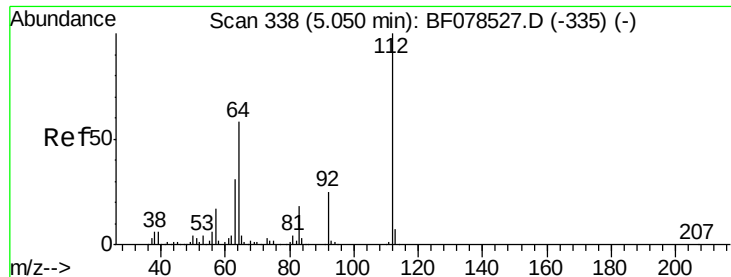
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#4
 n-Nitrosodimethylamine
 Concen: 4.44 ng m
 RT: 2.02 min Scan# 73
 Delta R.T. 0.05 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.9	118.7	178.1
44	0.0	5.9	8.9#





#5

2-Fluorophenol

Concen: 12.43 ng

RT: 4.95 min Scan# 329

Delta R.T. 0.01 min

Lab File: BF078558.D

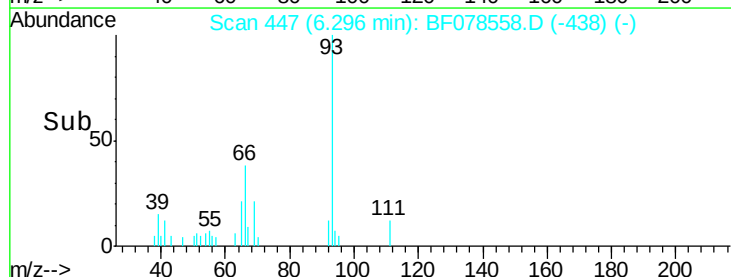
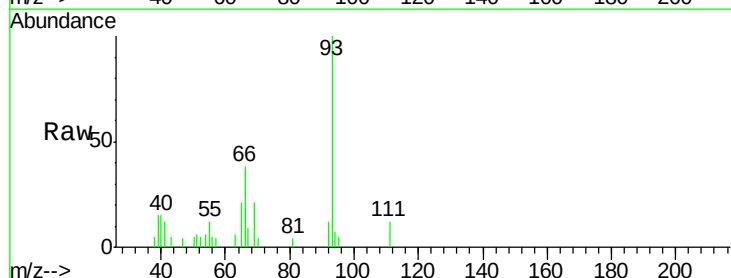
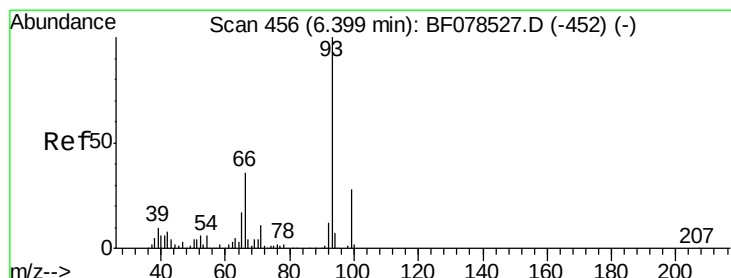
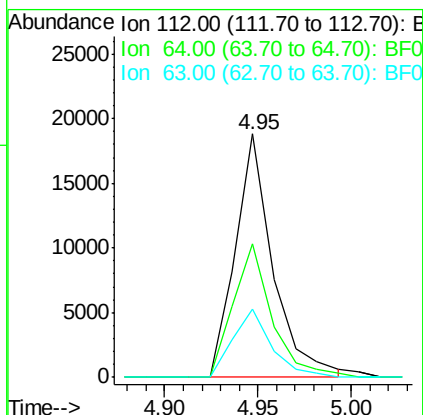
Acq: 16 Apr 2015 2:09

Tgt Ion:	112	Resp:	26440
Ion Ratio	Lower	Upper	
112	100		
64	55.0	39.9	59.9
63	28.2	20.2	30.4

Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

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#6

Aniline

Concen: 2.88 ng

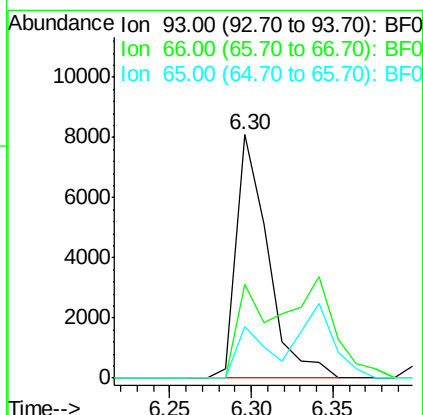
RT: 6.30 min Scan# 447

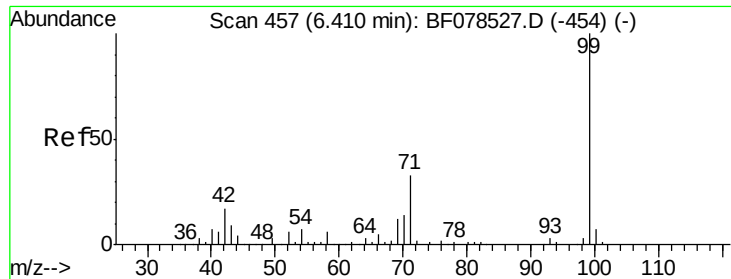
Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Tgt Ion:	93	Resp:	10890
Ion Ratio	Lower	Upper	
93	100		
66	38.3	38.0	57.0
65	21.3	16.3	24.5





#7

Phenol-d6

Concen: 14.04 ng

RT: 6.32 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

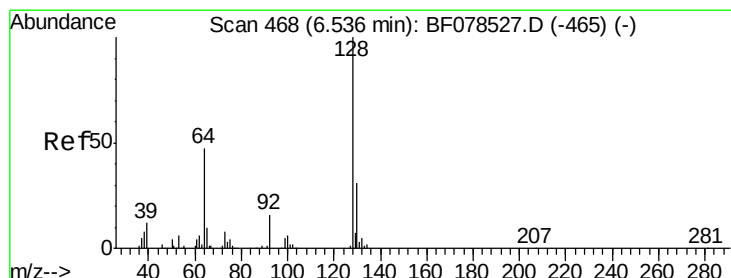
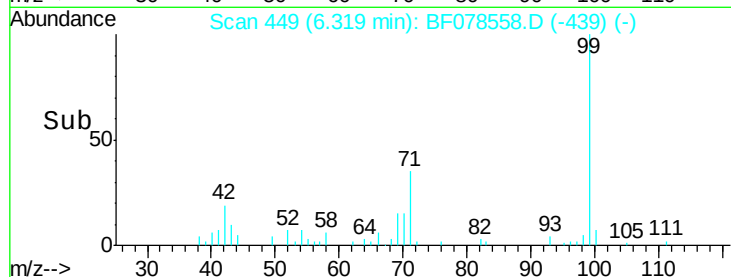
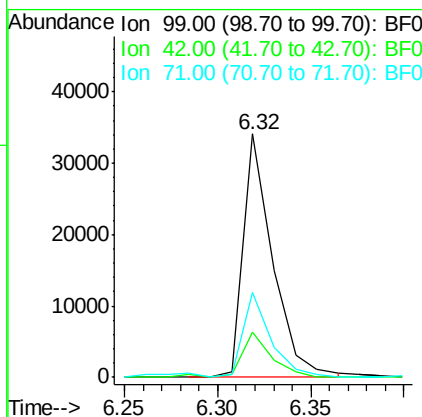
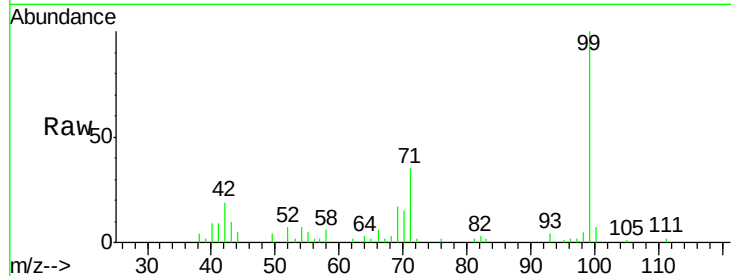
ClientSampleId :

LS-SB11A(6-12)MS

Tgt Ion:	99	Resp:	37421
Ion Ratio	Lower	Upper	
99	100		
42	18.6	14.8	22.2
71	34.6	26.6	39.8

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#8

2-Chlorophenol

Concen: 4.33 ng

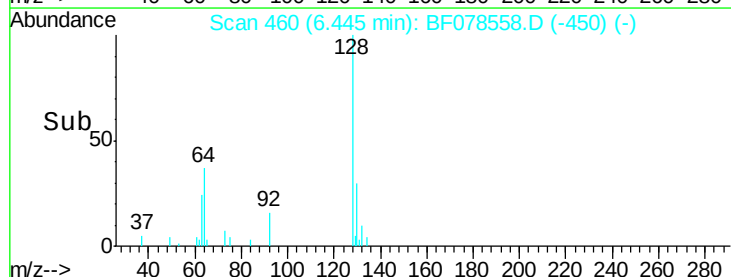
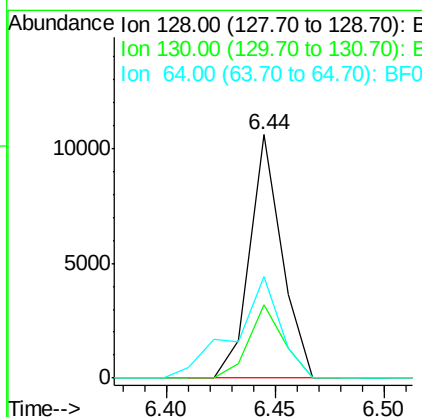
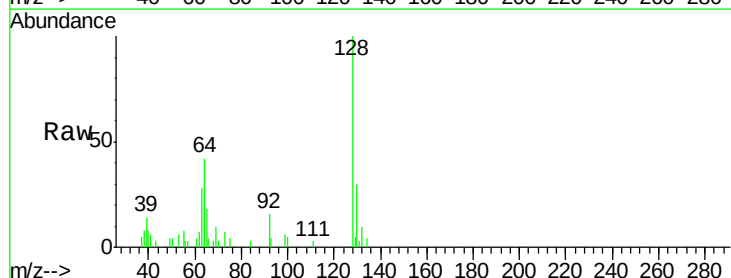
RT: 6.44 min Scan# 460

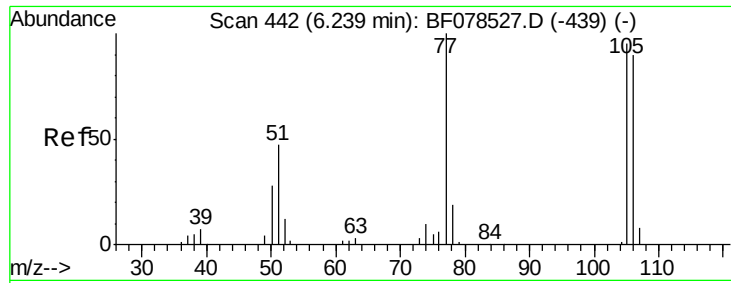
Delta R.T. 0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Tgt Ion:	128	Resp:	10882
Ion Ratio	Lower	Upper	
128	100		
130	30.2	12.3	52.3
64	41.8	23.8	63.8





#9

Benzaldehyde

Concen: 1.45 ng

RT: 6.15 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF078558.D

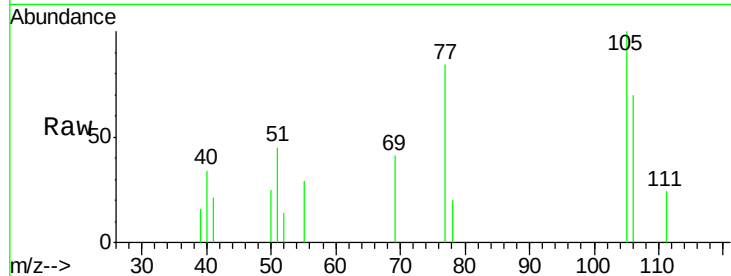
Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

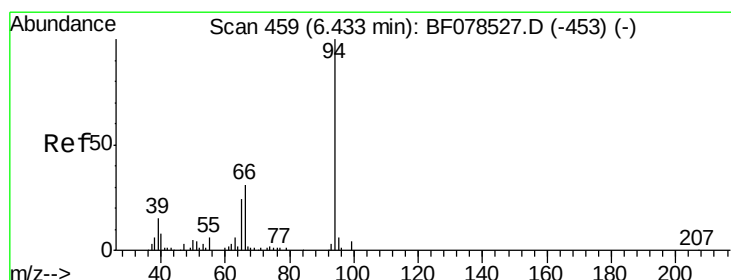
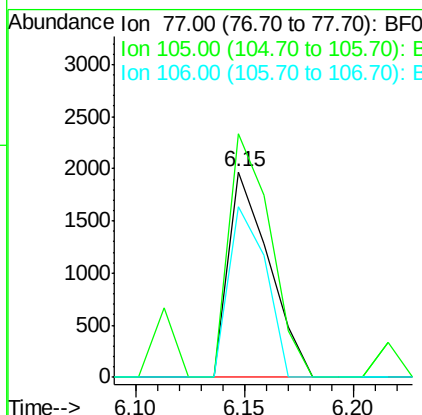
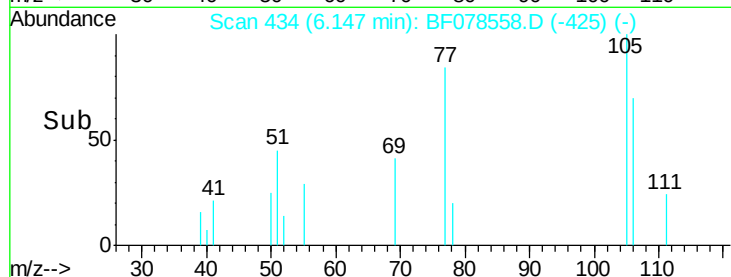
LS-SB11A(6-12)MS



Tgt Ion:	77	Resp:	2560
Ion	Ratio	Lower	Upper
77	100		
105	118.6	85.4	125.4
106	83.4	80.8	120.8

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#10

Phenol

Concen: 4.22 ng

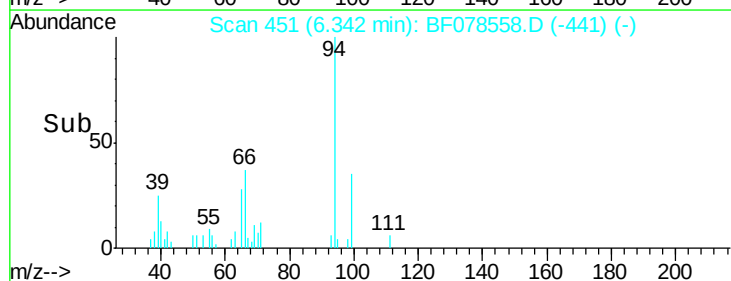
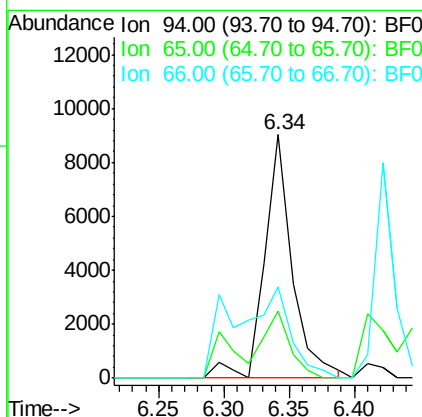
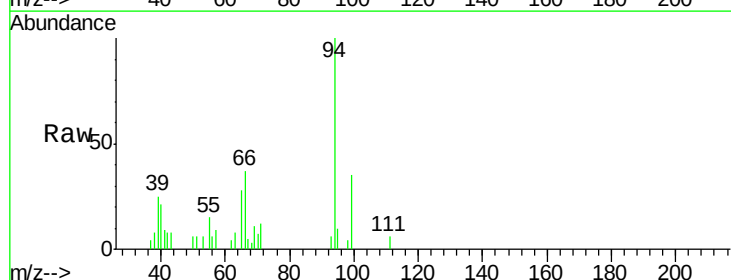
RT: 6.34 min Scan# 451

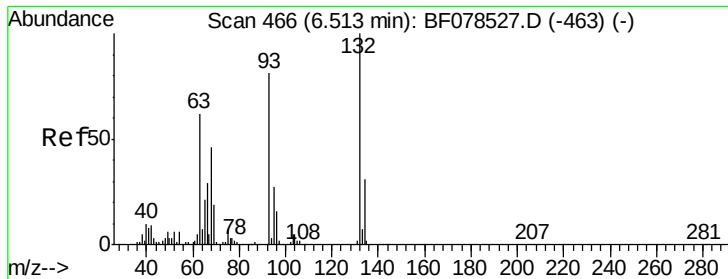
Delta R.T. 0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Tgt Ion:	94	Resp:	13470
Ion	Ratio	Lower	Upper
94	100		
65	27.7	4.9	44.9
66	37.3	13.8	53.8





#11

bis(2-Chloroethyl)ether

Concen: 4.43 ng

RT: 6.41 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

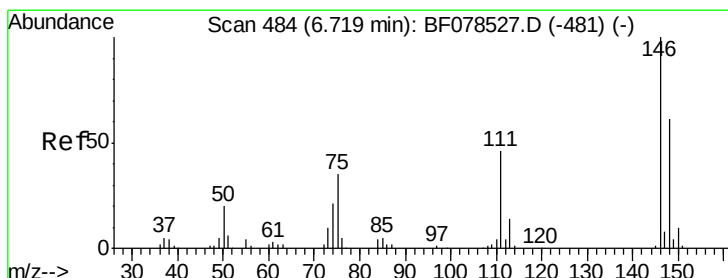
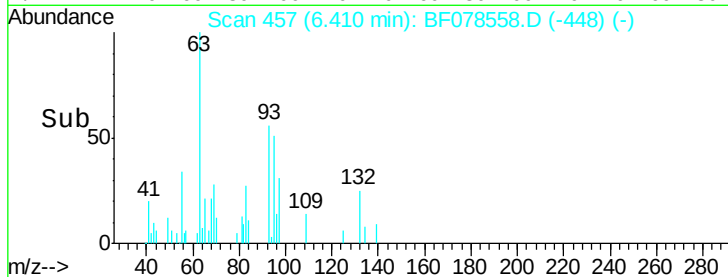
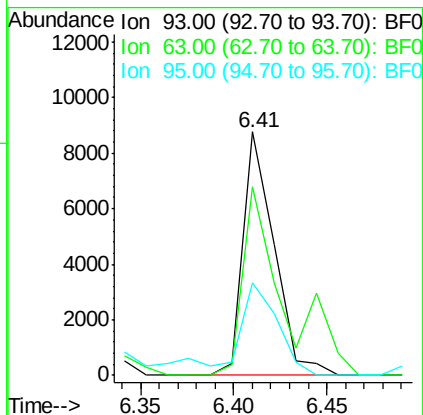
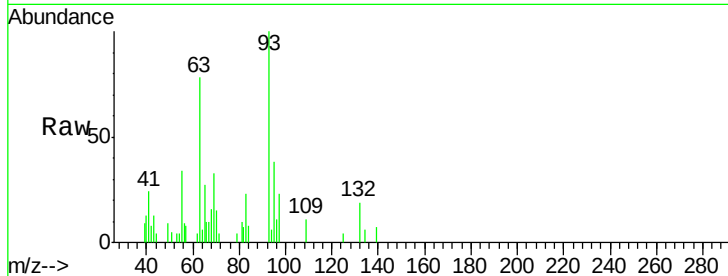
ClientSampleId :

LS-SB11A(6-12)MS

Tgt Ion:	93	Resp:	10166
Ion	Ratio	Lower	Upper
93	100		
63	77.7	54.6	94.6
95	37.8	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 4.32 ng

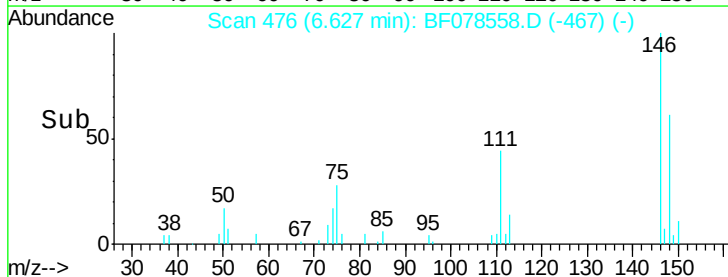
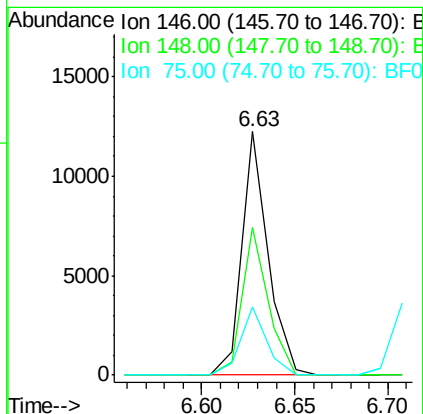
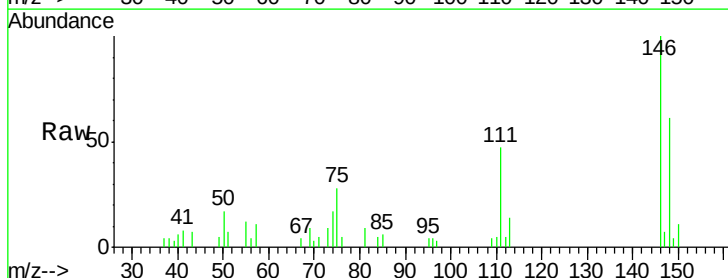
RT: 6.63 min Scan# 476

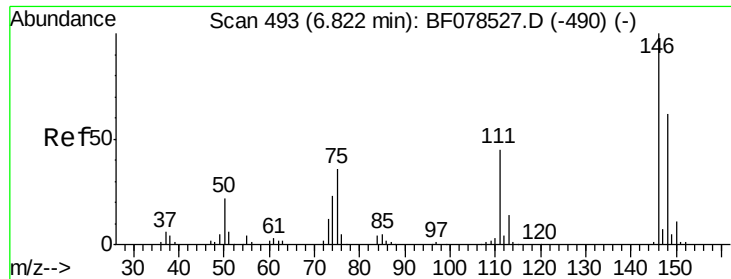
Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Tgt Ion:	146	Resp:	11924
Ion	Ratio	Lower	Upper
146	100		
148	60.8	49.1	73.7
75	28.1	26.6	40.0





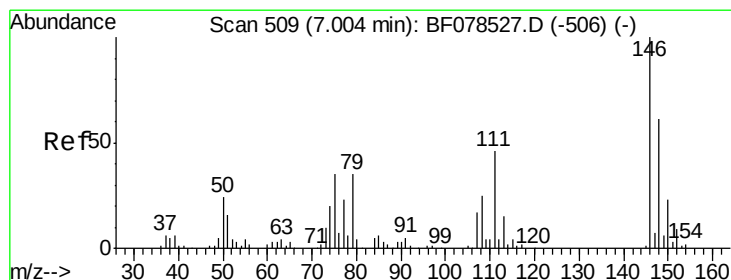
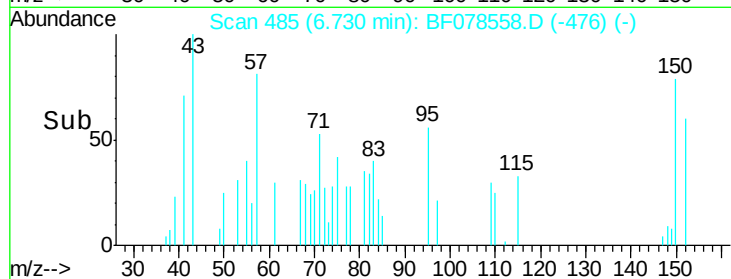
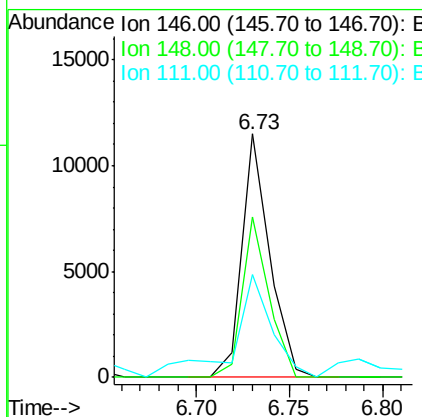
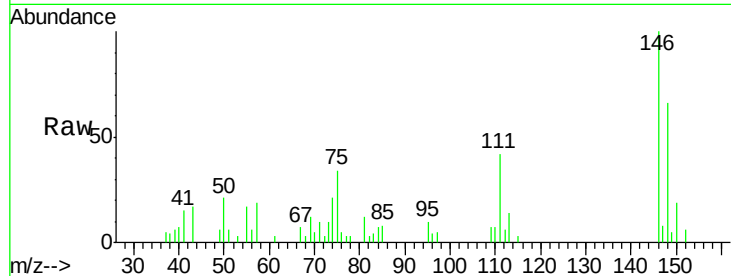
#13
 1,4-Dichlorobenzene
 Concen: 4.28 ng
 RT: 6.73 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11A(6-12)MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.4	77.0
111	42.4	35.0	52.4

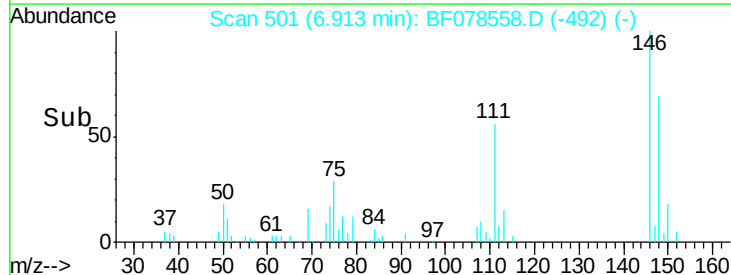
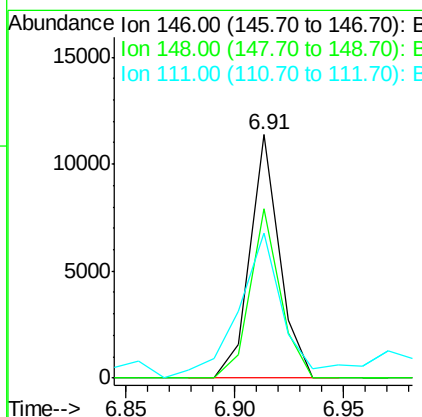
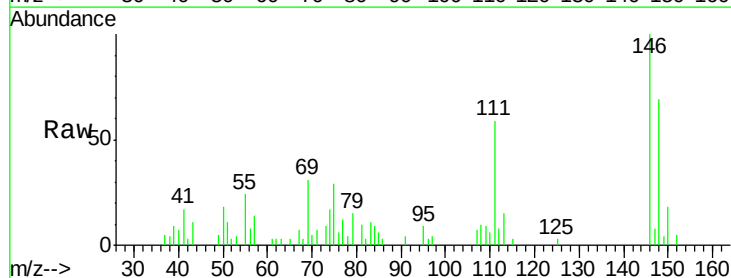
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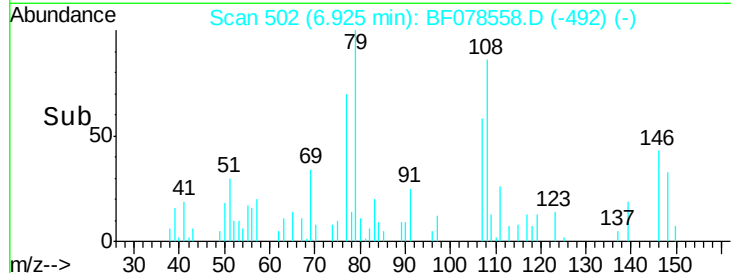
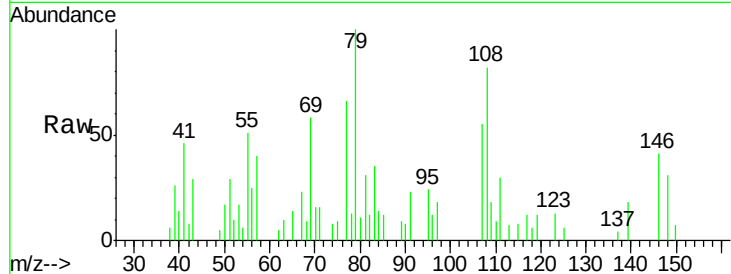
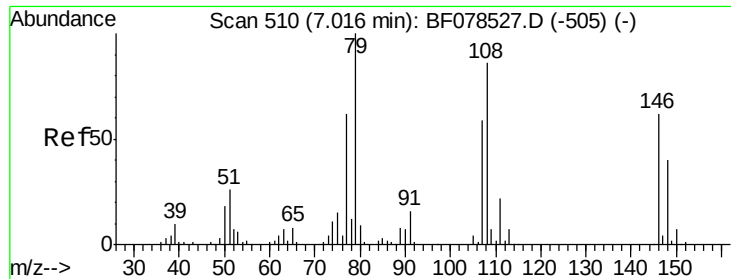
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#14
 1,2-Dichlorobenzene
 Concen: 4.12 ng
 RT: 6.91 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.5	50.2	75.4
111	59.5	36.1	54.1#





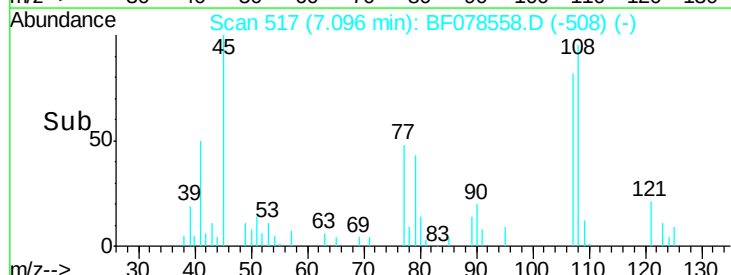
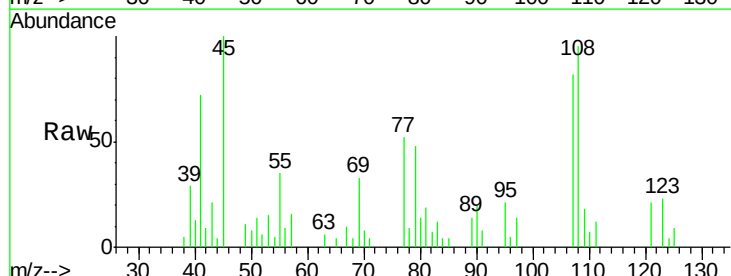
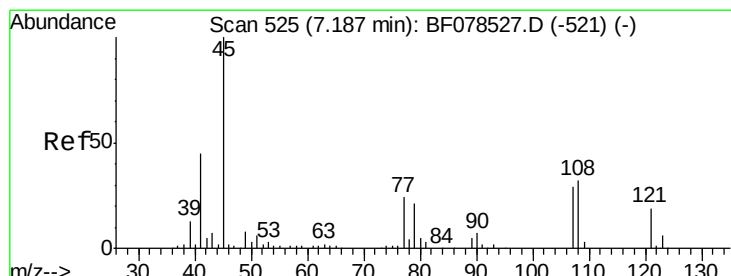
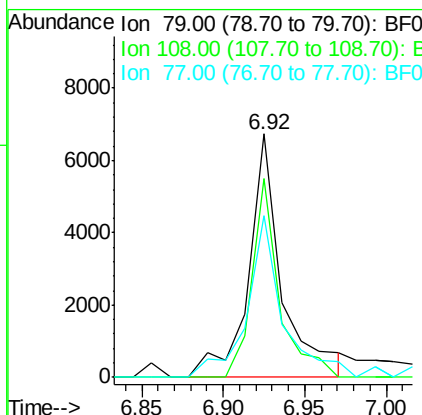
#15
Benzyl Alcohol
Concen: 5.17 ng
RT: 6.92 min Scan# 502
Delta R.T. 0.01 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Lower	Upper
79	100		
108	81.8	57.6	86.4
77	66.5	53.5	80.3

Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

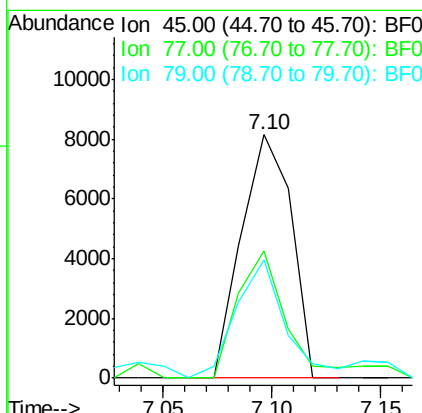
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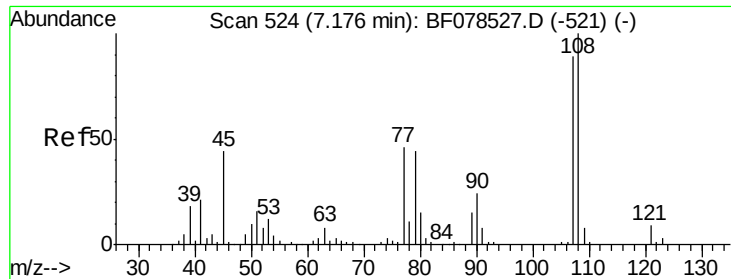
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.24 ng
RT: 7.10 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	52.2	0.0	34.5#
79	48.4	0.0	31.9#





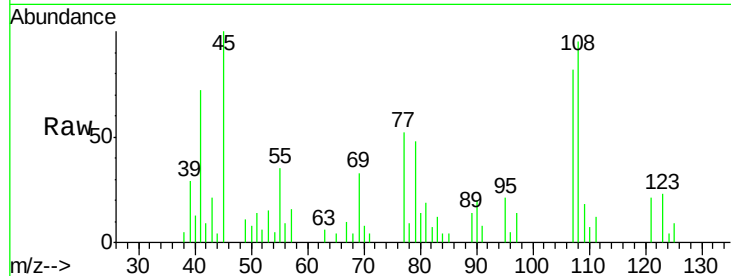
#17
2-Methylphenol
Concen: 4.23 ng
RT: 7.10 min Scan# 517
Delta R.T. 0.01 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

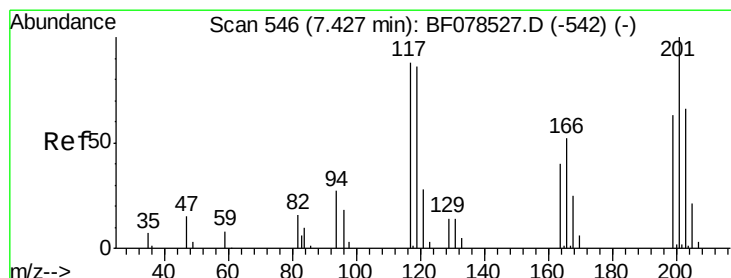
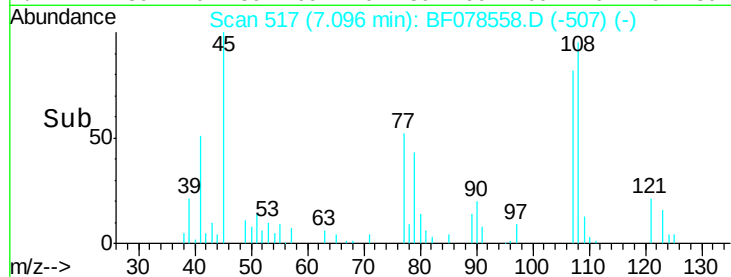
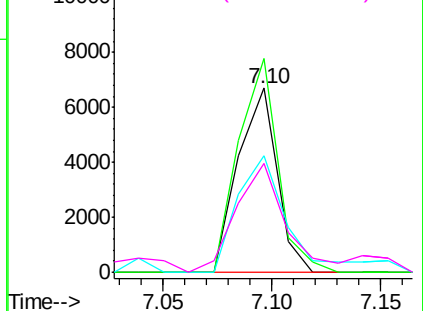
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	8255		
108	116.2	90.3	135.5	
77	63.6	35.5	53.3#	
79	59.0	34.2	51.4#	

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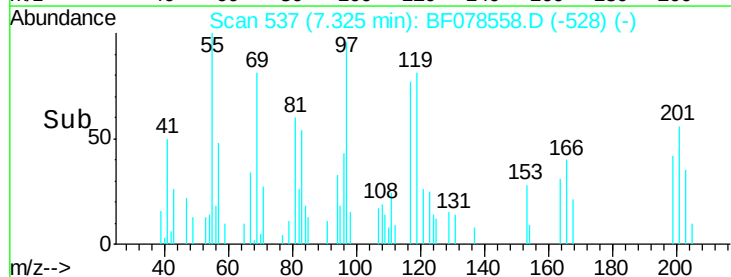
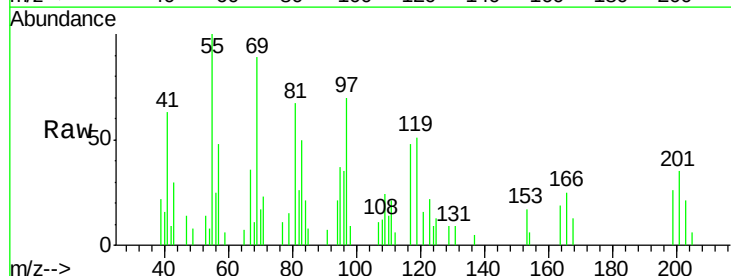
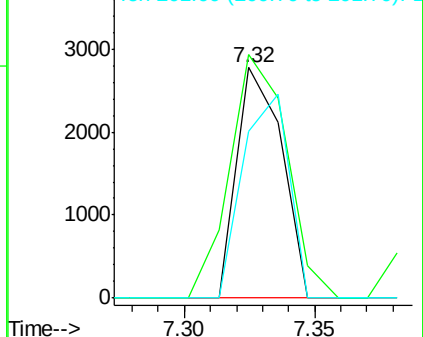
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

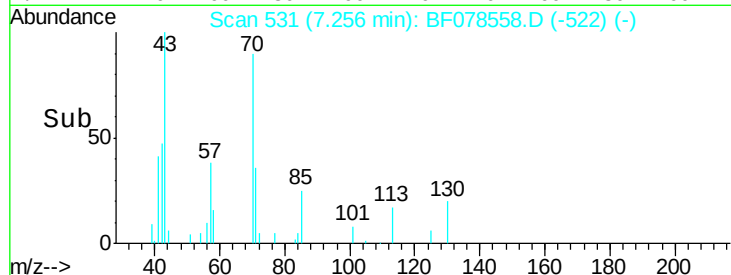
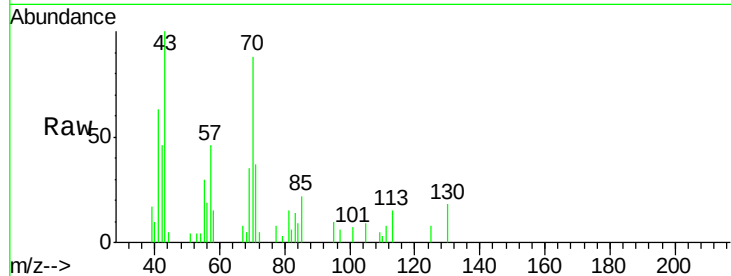
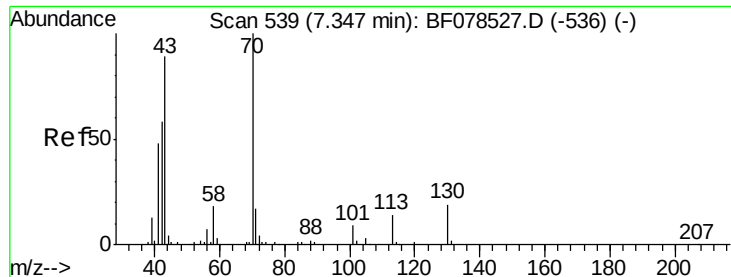


#18
Hexachloroethane
Concen: 3.58 ng
RT: 7.32 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	3357		
119	105.7	77.0	115.6	
201	72.3	98.1	147.1#	

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





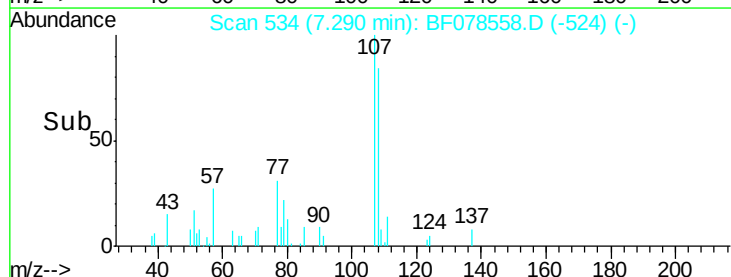
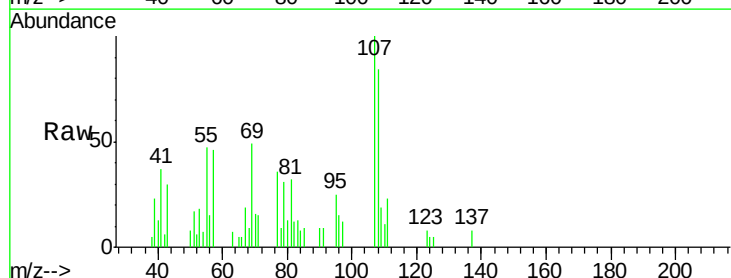
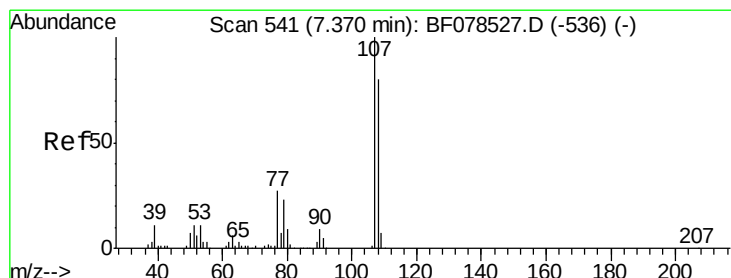
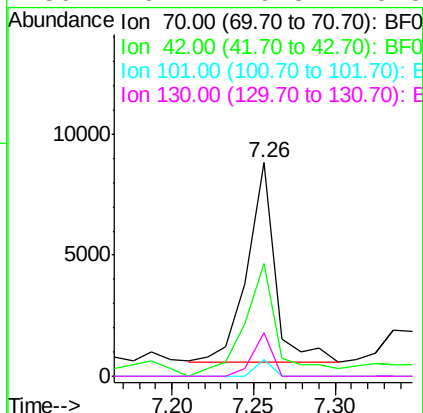
#19
n-Nitroso-di-n-propylamine
Concen: 5.53 ng
RT: 7.26 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

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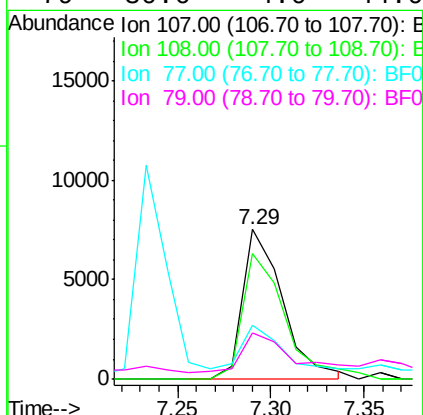
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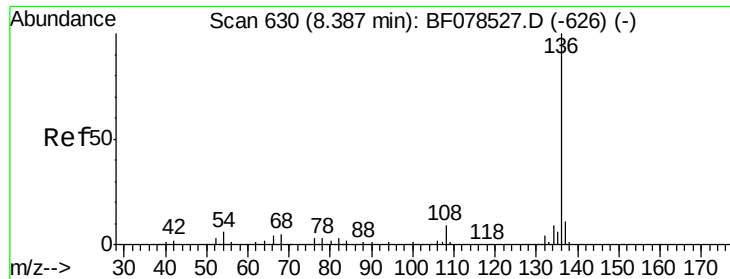
Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.6	38.9	58.3
101	7.8	8.3	12.5
130	20.4	19.8	29.8



#20
3+4-Methylphenols
Concen: 4.30 ng
RT: 7.29 min Scan# 534
Delta R.T. 0.01 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.9	64.4	104.4
77	36.0	9.7	49.7
79	30.6	4.0	44.0





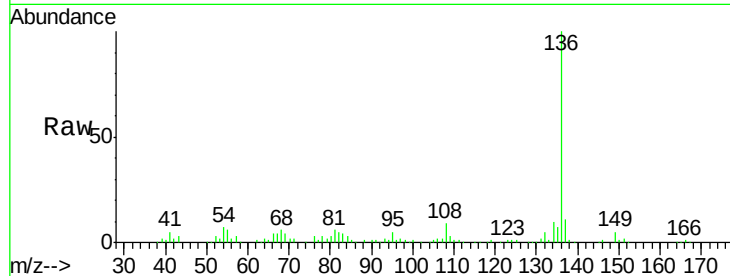
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

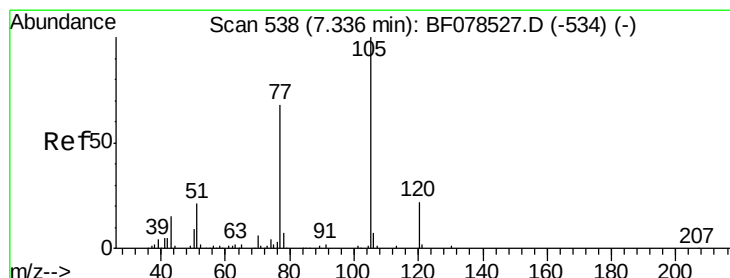
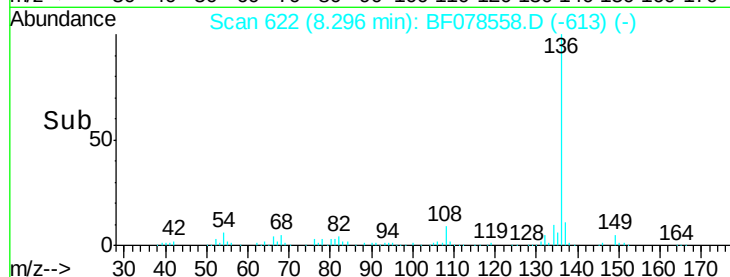
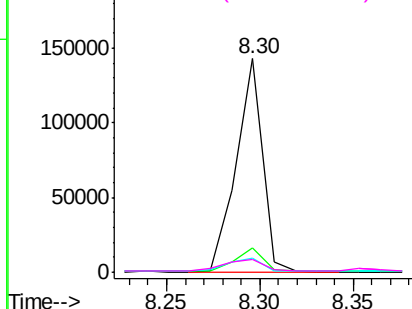
Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.0	13.4	
54	6.6	7.0	10.6	
68	6.0	5.4	8.2	

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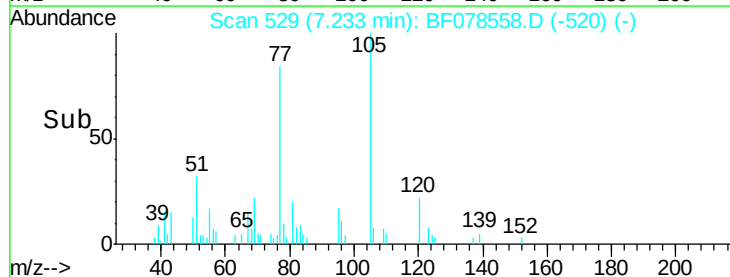
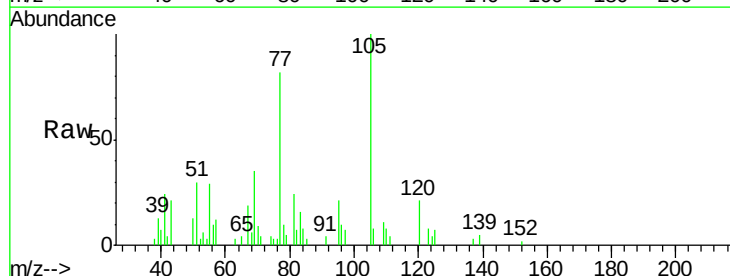
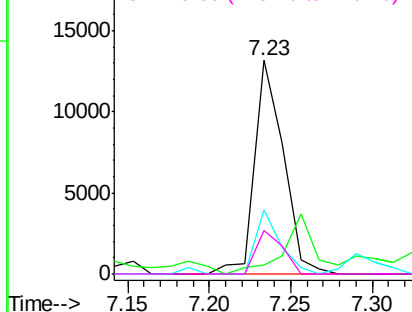
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

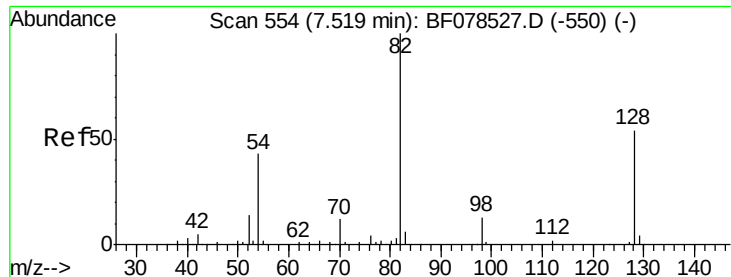


#22
Acetophenone
Concen: 4.93 ng
RT: 7.23 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.0	5.5	8.3	
51	29.8	16.0	24.0	
120	20.6	17.8	26.6	

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: 8.35 ng

RT: 7.42 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

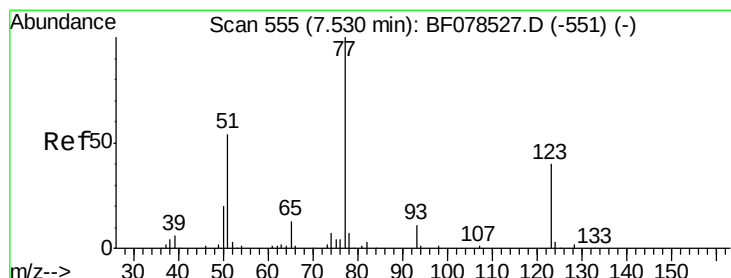
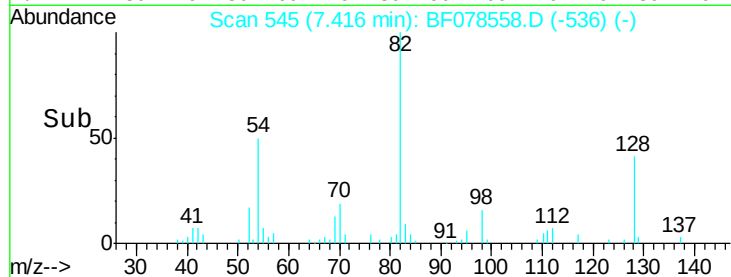
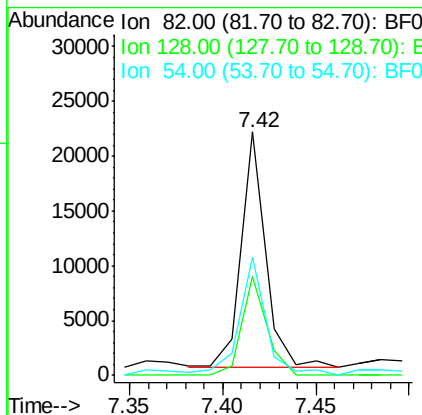
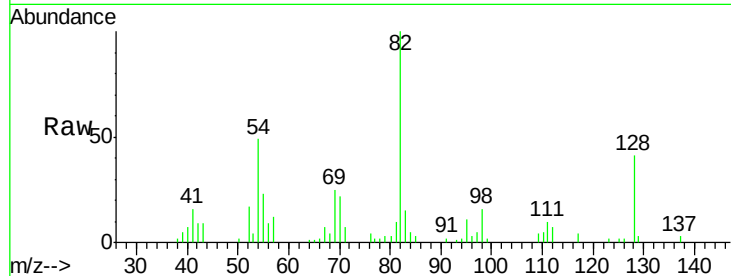
ClientSampleId :

LS-SB11A(6-12)MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	19440		
128	40.6	31.8	47.8	
54	48.7	41.5	62.3	

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#24

Nitrobenzene

Concen: 4.25 ng

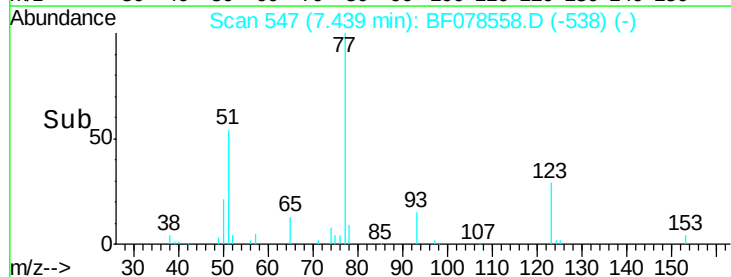
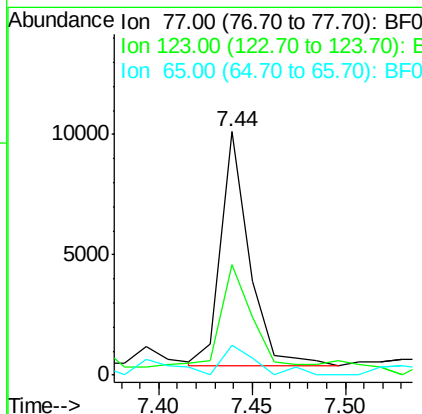
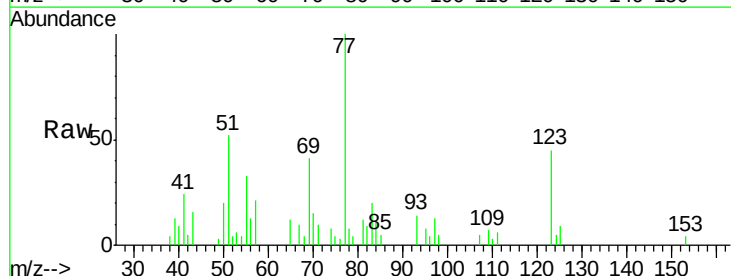
RT: 7.44 min Scan# 547

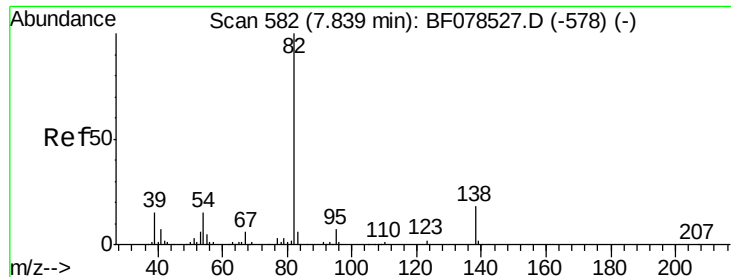
Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	10346		
123	45.4	46.9	70.3#	
65	12.2	9.5	14.3	





#25

Isophorone

Concen: 4.68 ng

RT: 7.75 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

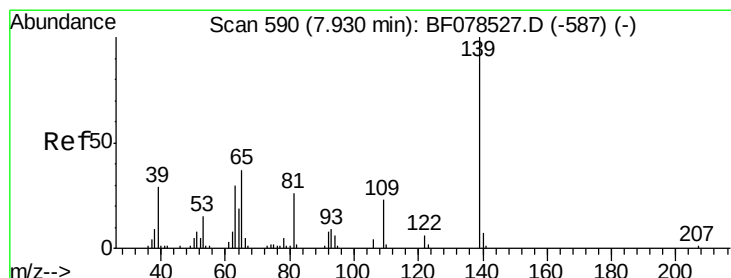
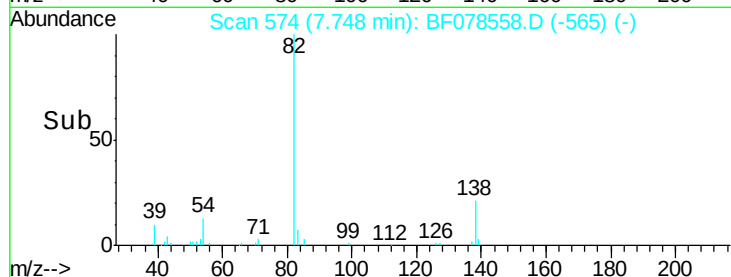
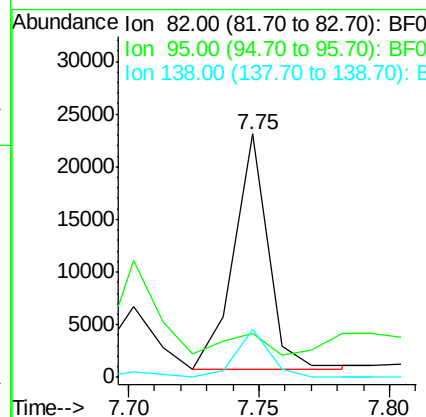
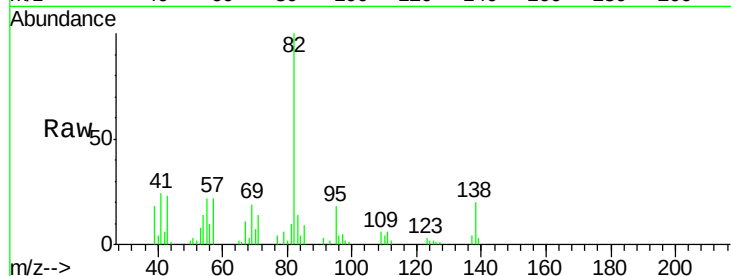
ClientSampleId :

LS-SB11A(6-12)MS

Tgt Ion:	82	Resp:	20678
Ion Ratio	Lower	Upper	
82	100		
95	17.8	5.7	8.5#
138	19.6	15.8	23.8

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#26

2-Nitrophenol

Concen: 3.35 ng

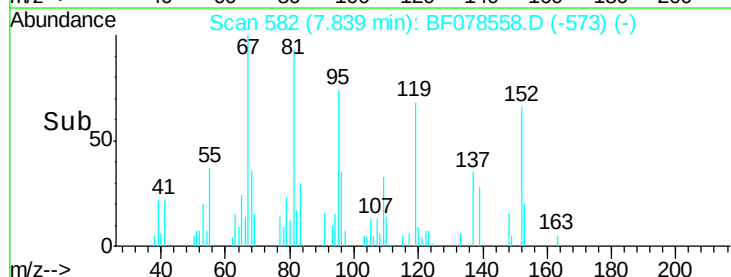
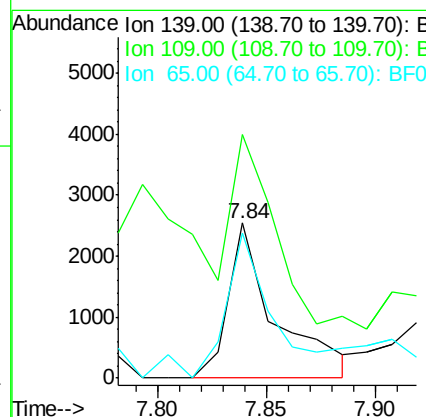
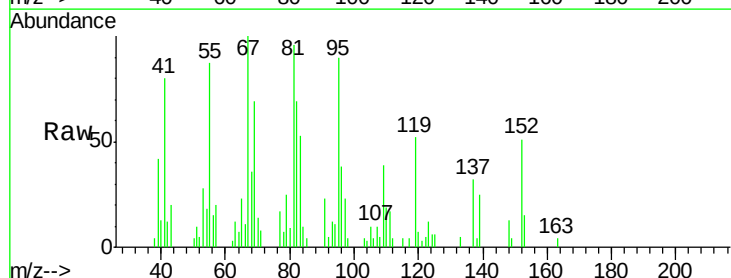
RT: 7.84 min Scan# 582

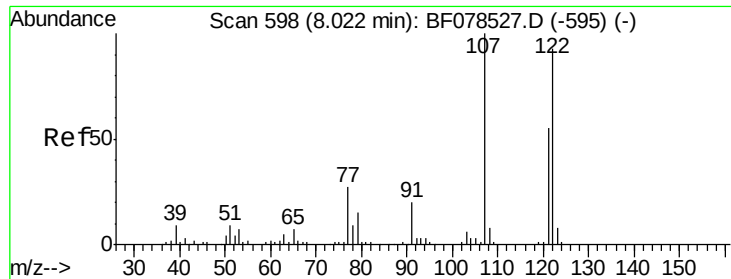
Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Tgt Ion:	139	Resp:	3880
Ion Ratio	Lower	Upper	
139	100		
109	157.2	19.8	29.8#
65	93.3	32.7	49.1#





#27

2,4-Dimethylphenol

Concen: 4.36 ng

RT: 7.93 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

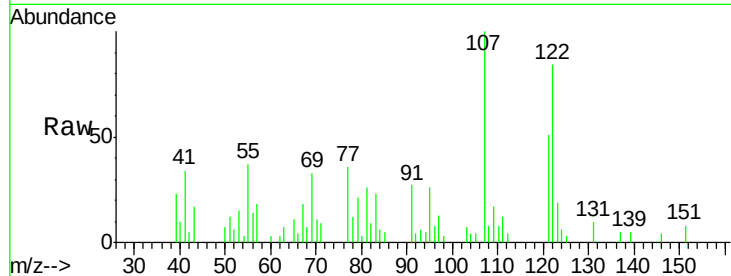
ClientSampleId :

LS-SB11A(6-12)MS

Tgt Ion:	122	Resp:	9400
Ion Ratio	Lower	Upper	
122	100		
107	118.4	84.6	127.0
121	59.8	46.0	69.0

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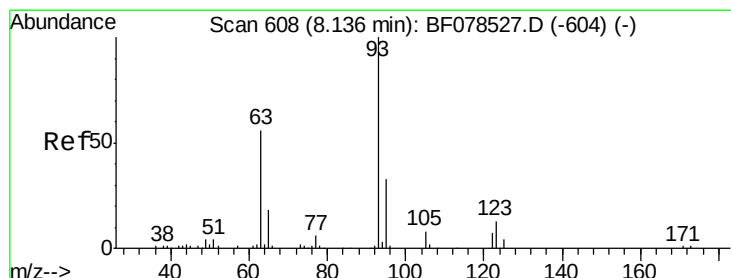
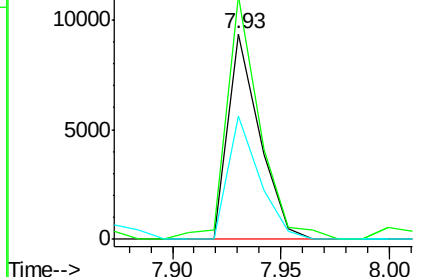
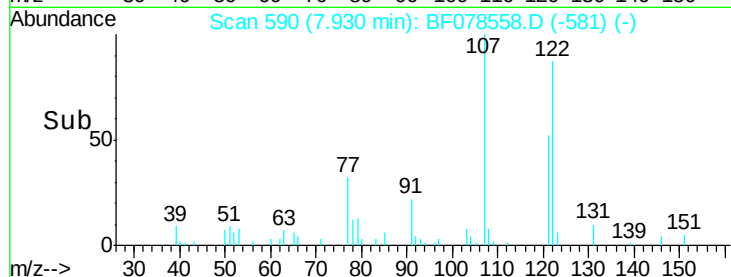


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 5.80 ng

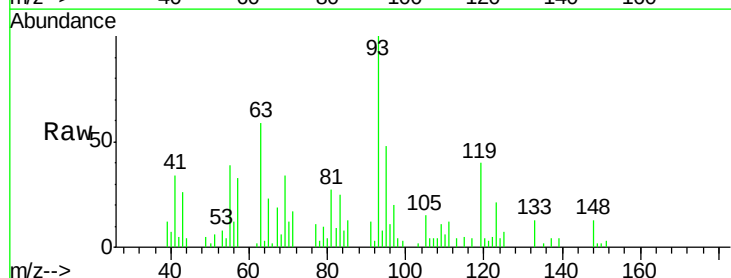
RT: 8.04 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Tgt Ion:	93	Resp:	16420
Ion Ratio	Lower	Upper	
93	100		
95	48.3	26.3	39.5#
123	21.1	9.1	13.7#

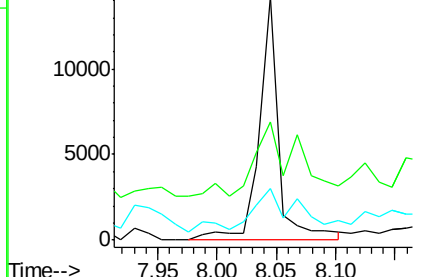
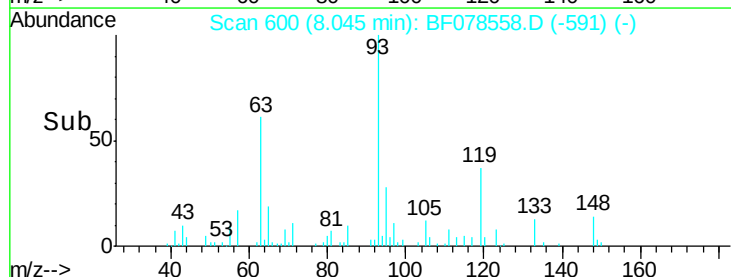


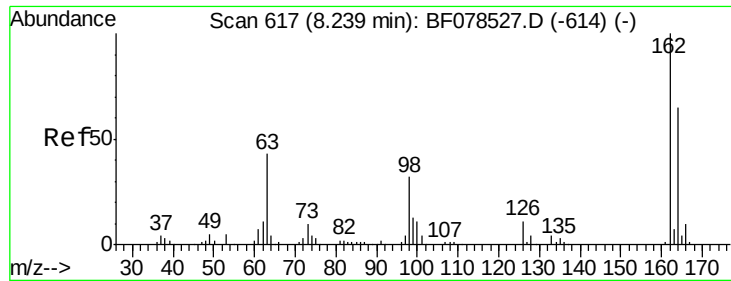
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

Time-->





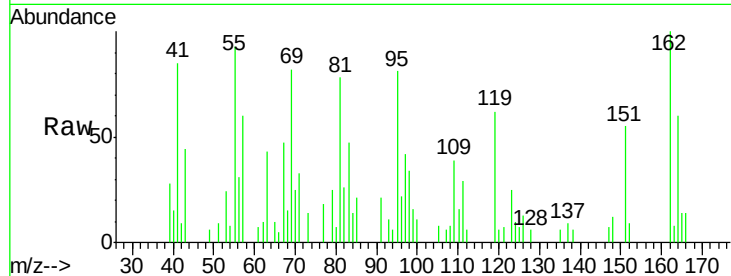
#29
 2,4-Dichlorophenol
 Concen: 4.85 ng
 RT: 8.16 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11A(6-12)MS

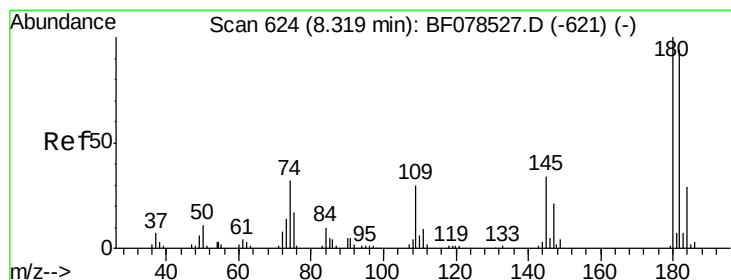
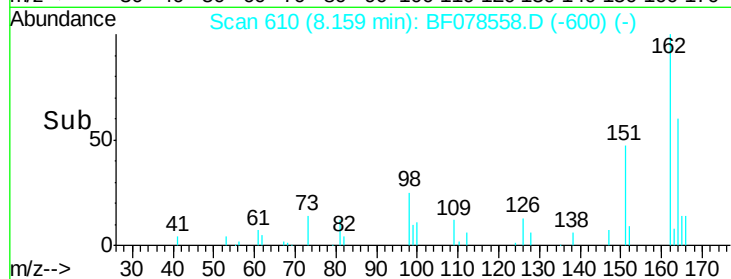
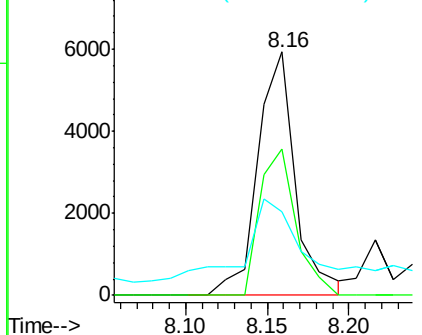
Tgt Ion:	162	Resp:	9514
Ion Ratio	Lower	Upper	
162	100		
164	60.2	47.0	87.0
98	34.3	9.2	49.2

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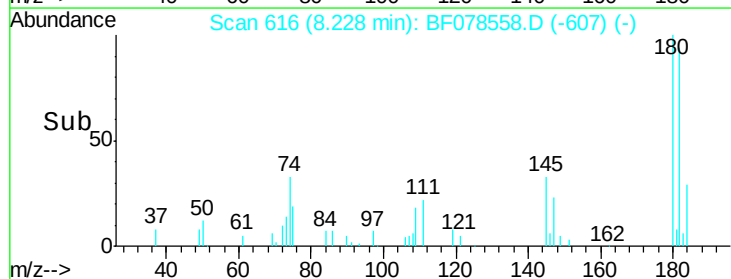
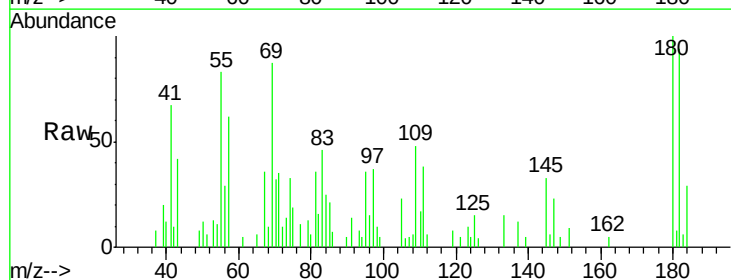
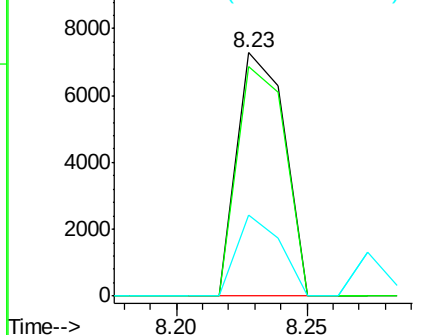
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

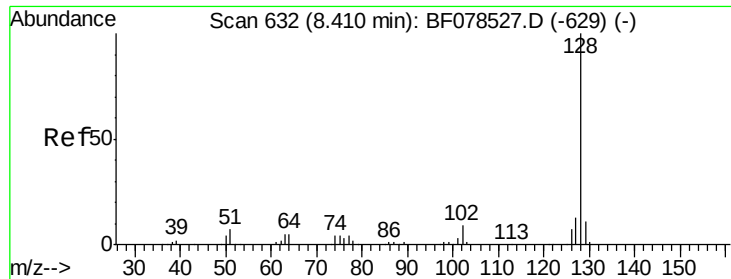


#30
 1,2,4-Trichlorobenzene
 Concen: 4.14 ng
 RT: 8.23 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Tgt Ion:	180	Resp:	9300
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.9	115.3
145	33.2	22.5	33.7

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





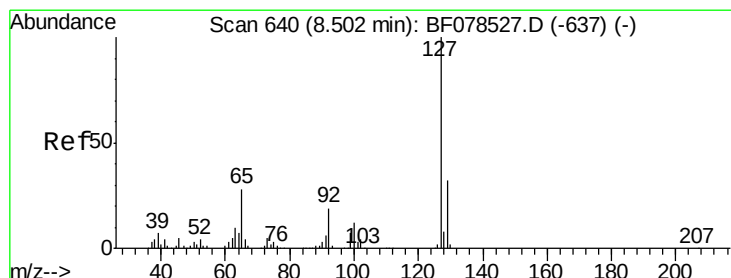
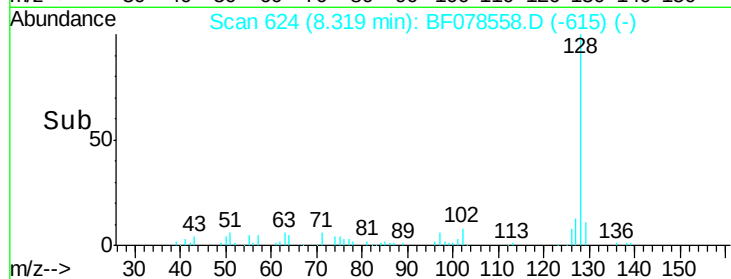
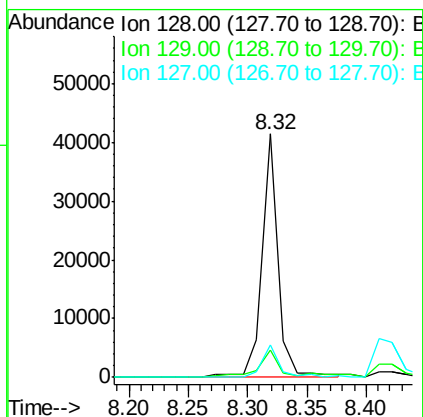
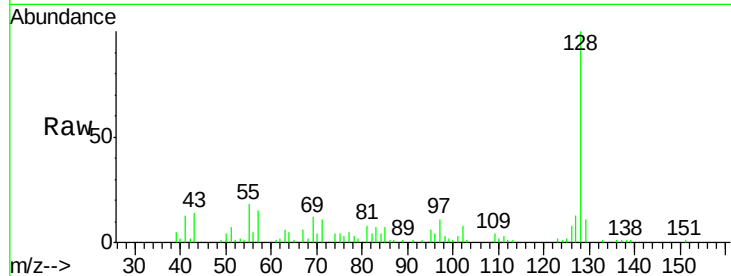
#31
Naphthalene
Concen: 5.41 ng
RT: 8.32 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	39708		
129	11.4	8.6	12.8	
127	13.3	10.7	16.1	

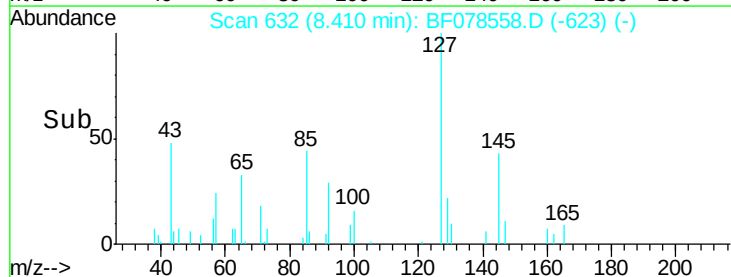
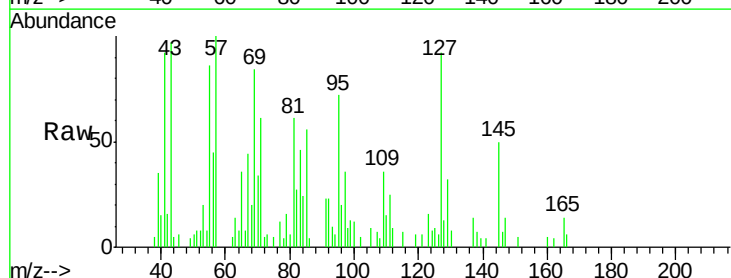
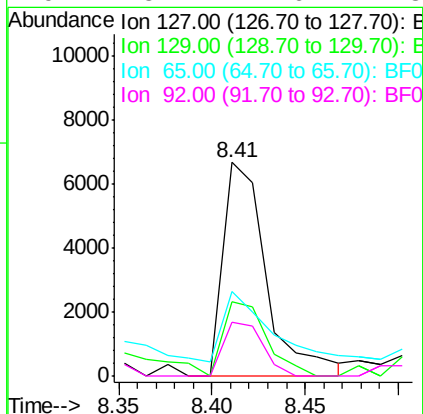
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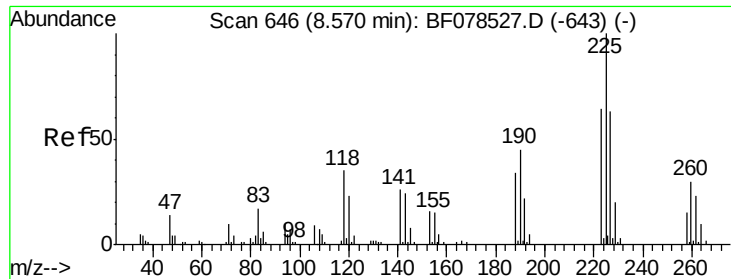
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#33
4-Chloroaniline
Concen: 3.56 ng
RT: 8.41 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	10850		
129	34.9	25.5	38.3	
65	39.5	21.7	32.5#	
92	25.1	14.6	21.8#	





#34

Hexachlorobutadiene

Concen: 4.23 ng

RT: 8.48 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF078558.D

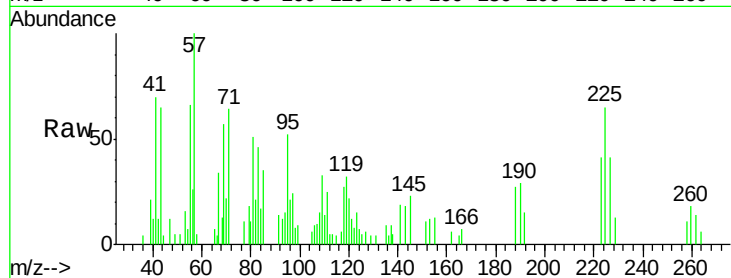
Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

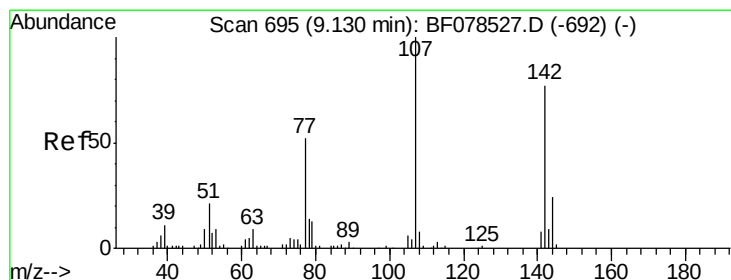
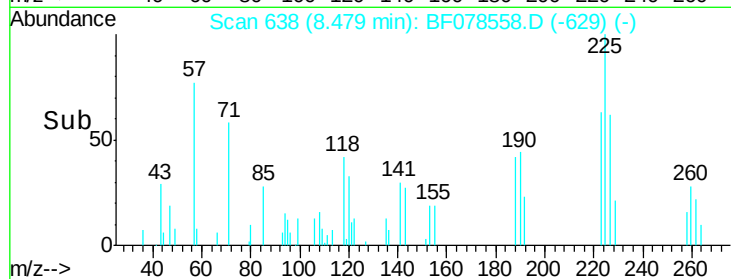
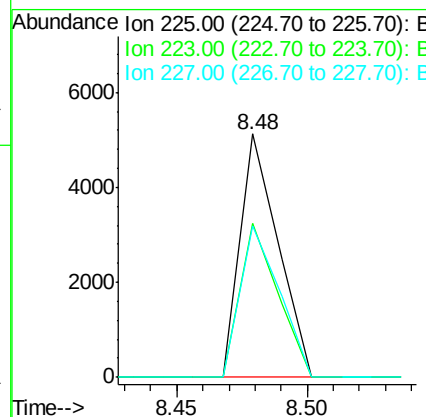
LS-SB11A(6-12)MS



Tgt Ion:	225	Resp:	5222
Ion Ratio	Lower	Upper	
225	100		
223	63.4	47.5	71.3
227	62.2	50.2	75.2

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#36

4-Chloro-3-methylphenol

Concen: 4.68 ng

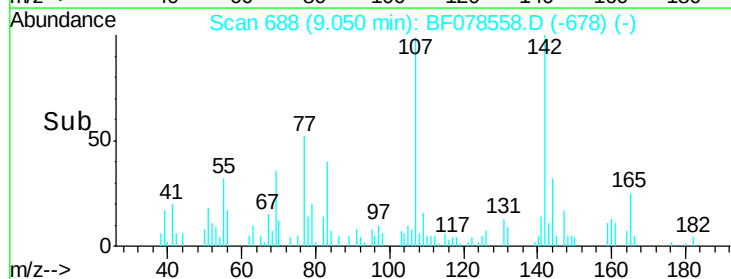
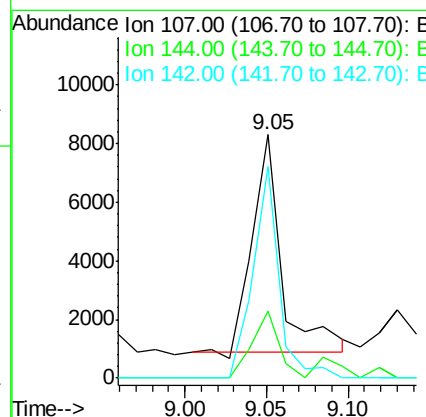
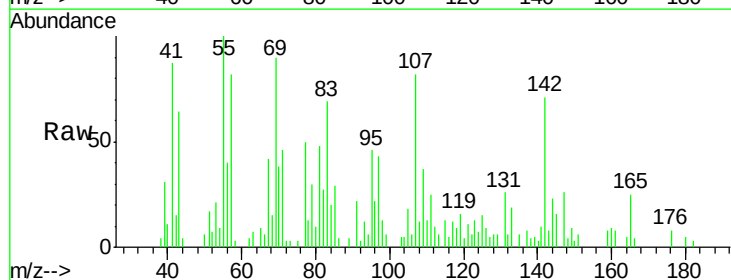
RT: 9.05 min Scan# 688

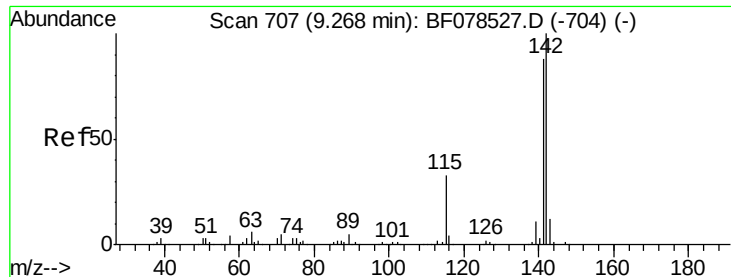
Delta R.T. 0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Tgt Ion:	107	Resp:	9259
Ion Ratio	Lower	Upper	
107	100		
144	27.6	18.2	27.2#
142	86.8	58.0	87.0





#37

2-Methylnaphthalene

Concen: 5.17 ng

RT: 9.18 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF078558.D

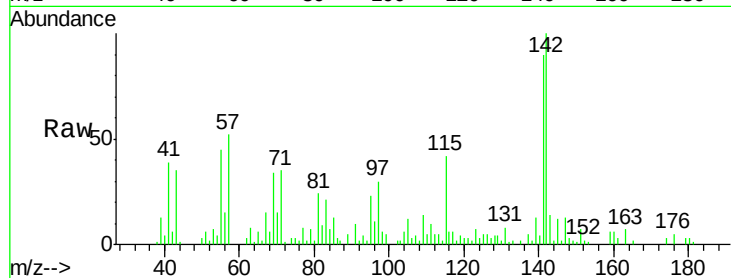
Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

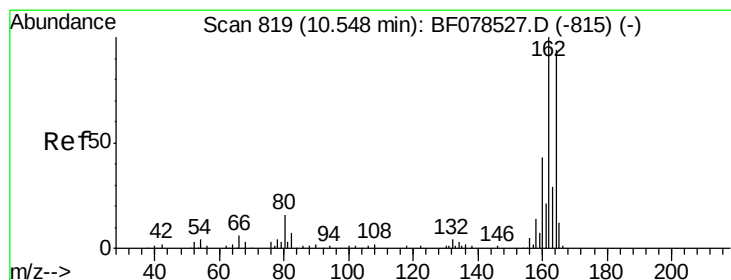
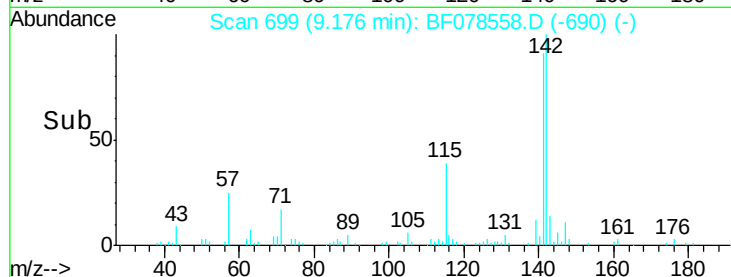
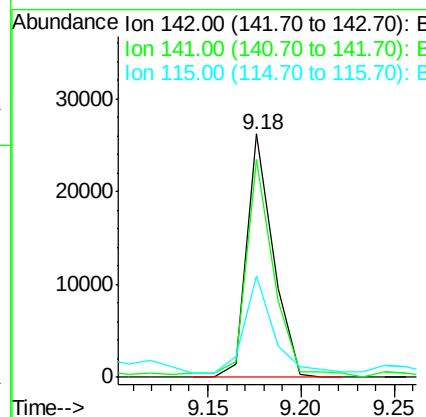
LS-SB11A(6-12)MS



Tgt Ion:	142	Resp:	25748
Ion Ratio	Lower	Upper	
142	100		
141	89.8	70.3	105.5
115	41.6	24.6	37.0#

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#38

Acenaphthene-d10

Concen: 20.00 ng

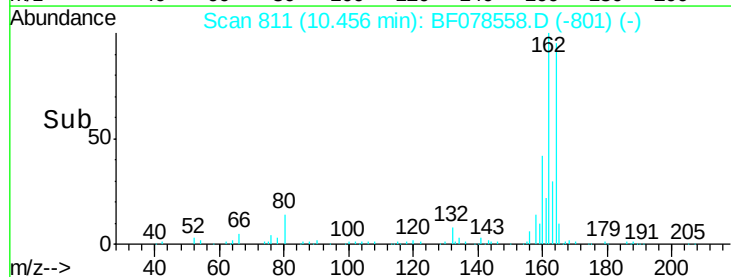
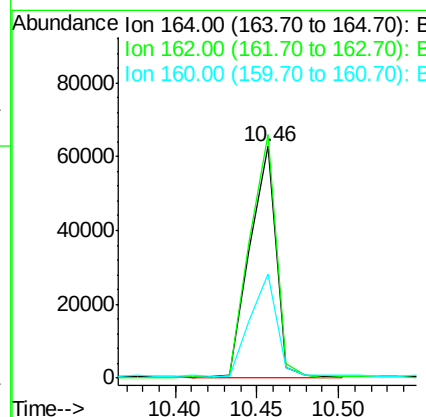
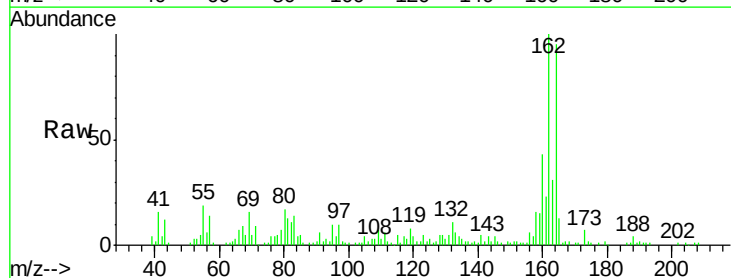
RT: 10.46 min Scan# 811

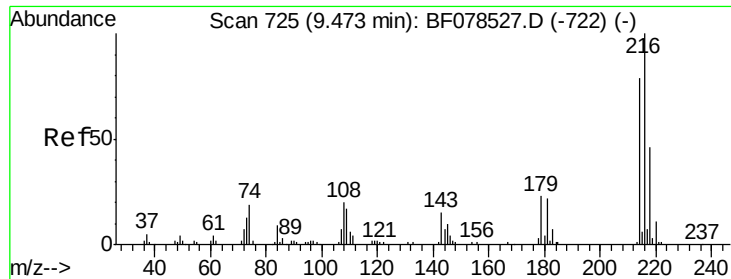
Delta R.T. 0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Tgt Ion:	164	Resp:	70662
Ion Ratio	Lower	Upper	
164	100		
162	105.1	82.2	123.2
160	45.2	34.7	52.1





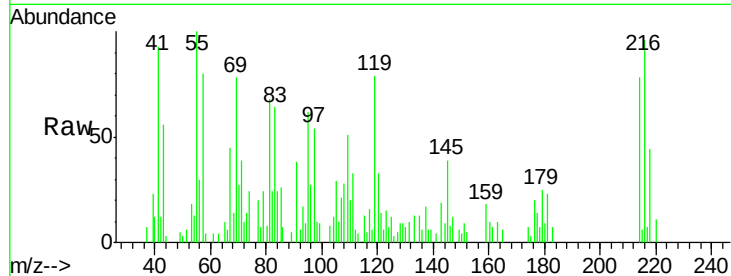
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.10 ng
 RT: 9.38 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11A(6-12)MS

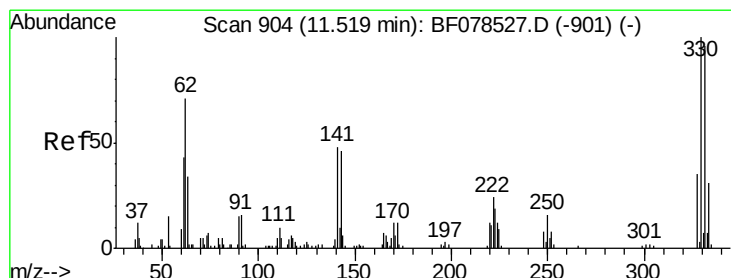
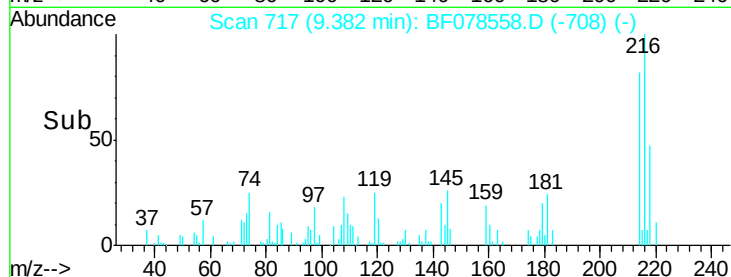
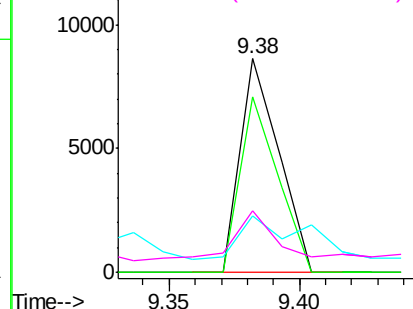
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	8969		
214	80.3	62.0	93.0	
179	33.9	17.3	25.9	
108	30.8	14.6	21.8	

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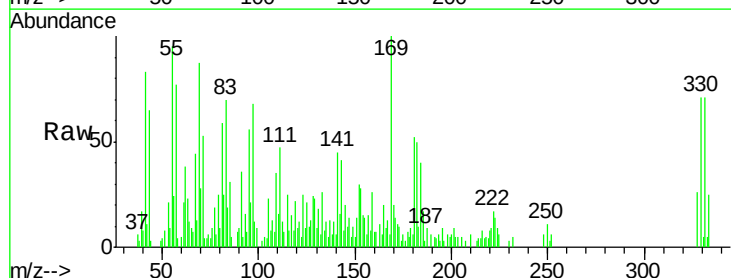


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

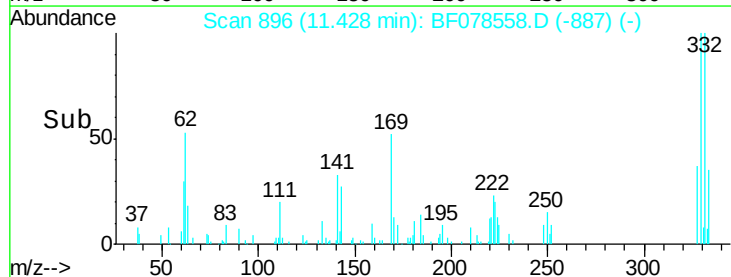
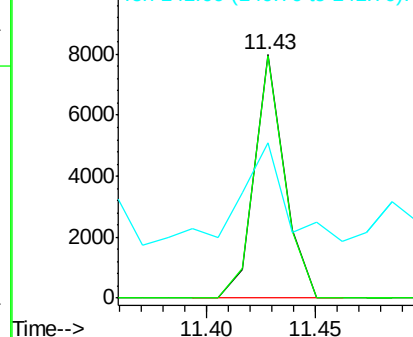


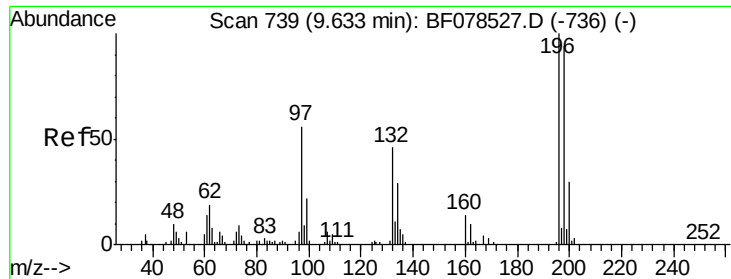
#41
 2,4,6-Tribromophenol
 Concen: 13.09 ng
 RT: 11.43 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	7674		
332	99.5	78.6	117.8	
141	55.5	31.2	46.8	



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





#42

2,4,6-Trichlorophenol

Concen: 4.66 ng

RT: 9.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

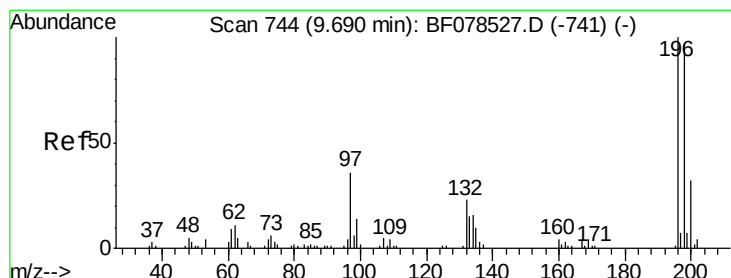
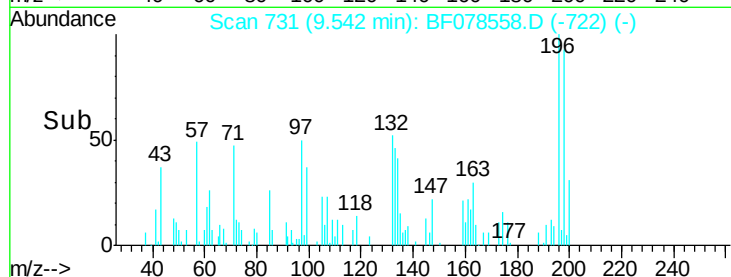
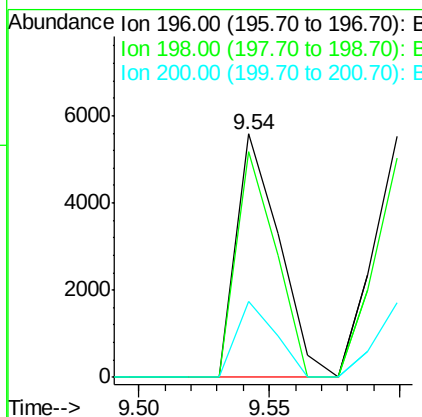
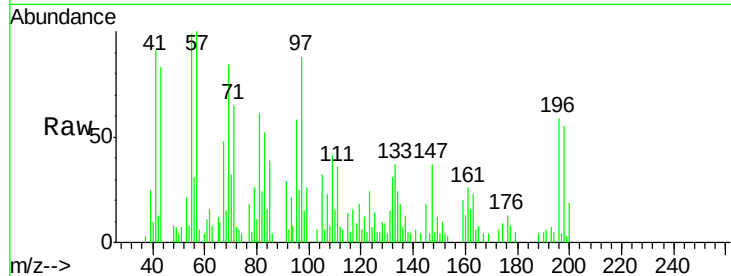
ClientSampleId :

LS-SB11A(6-12)MS

Tgt Ion:	196	Resp:	6434
Ion Ratio	Lower	Upper	
196	100		
198	92.6	75.4	113.2
200	31.4	24.0	36.0

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#43

2,4,5-Trichlorophenol

Concen: 4.68 ng

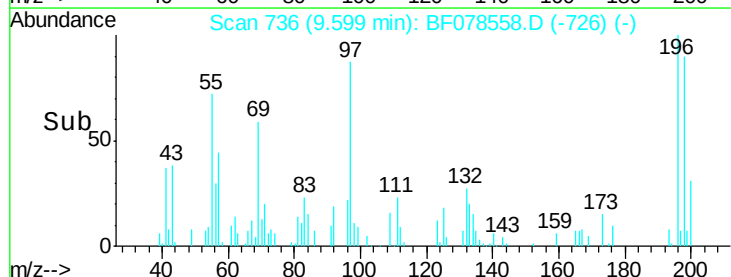
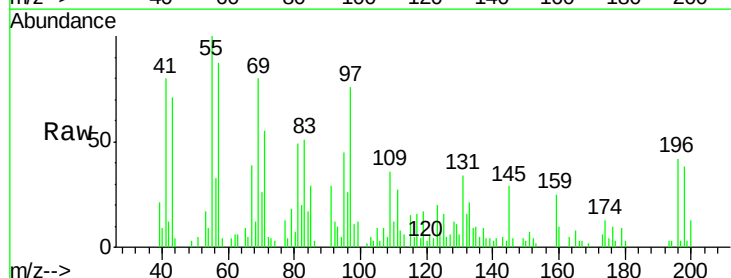
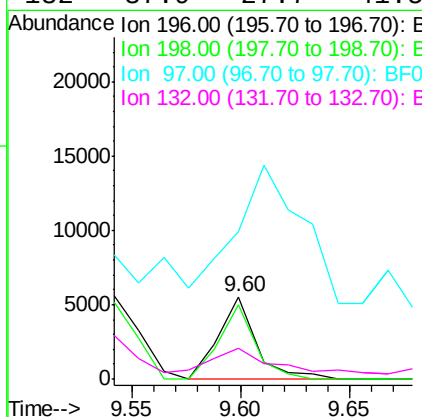
RT: 9.60 min Scan# 736

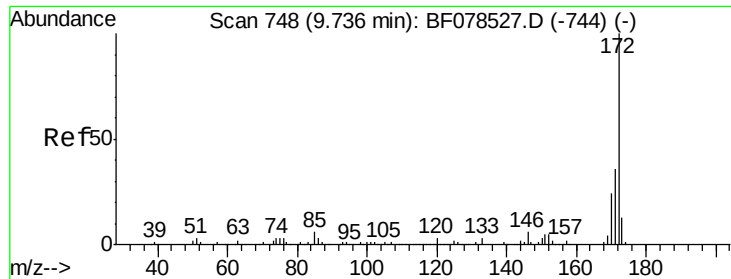
Delta R.T. 0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Tgt Ion:	196	Resp:	6747
Ion Ratio	Lower	Upper	
196	100		
198	90.5	76.6	115.0
97	179.3	50.6	75.8#
132	37.9	27.7	41.5





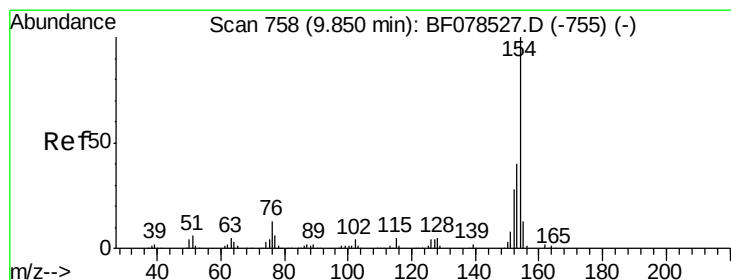
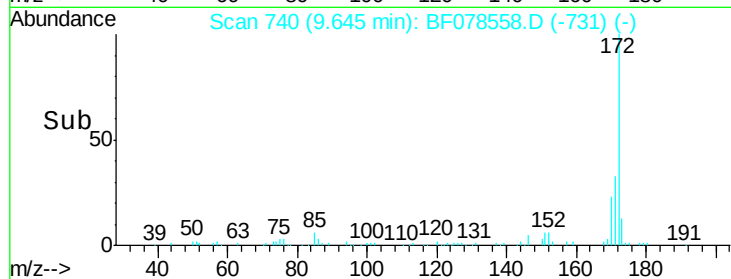
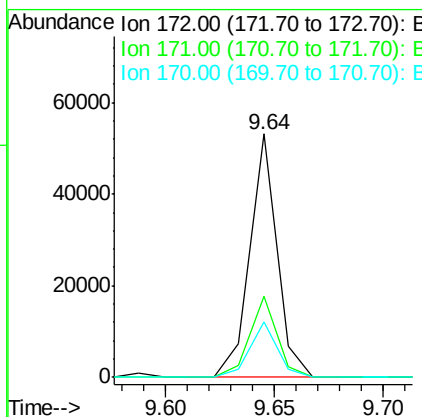
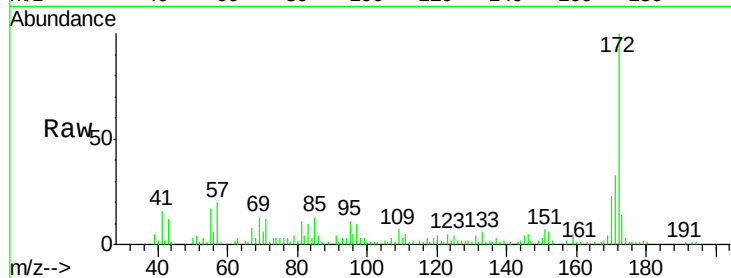
#44
2-Fluorobiphenyl
Concen: 9.33 ng
RT: 9.64 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	46139		
171	33.4	28.6	42.8	
170	22.9	18.5	27.7	

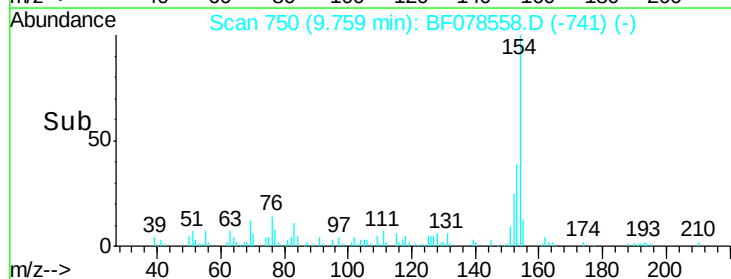
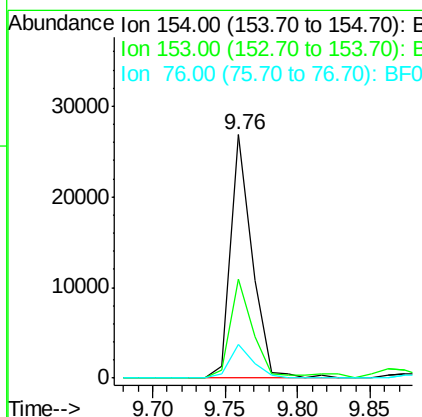
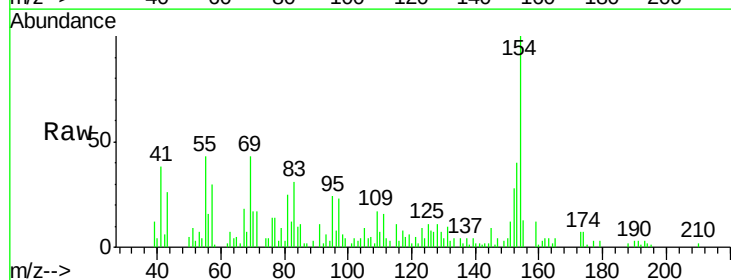
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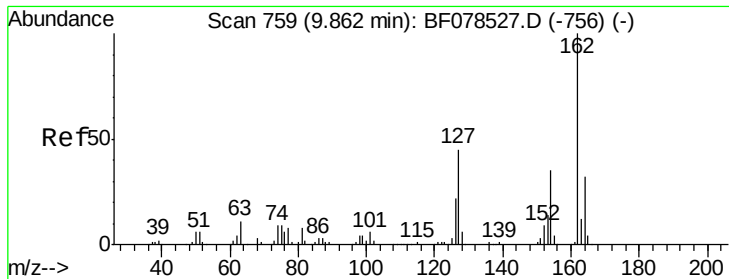
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#45
1,1'-Biphenyl
Concen: 4.79 ng
RT: 9.76 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	27665		
153	40.4	20.0	60.0	
76	13.9	0.0	30.6	





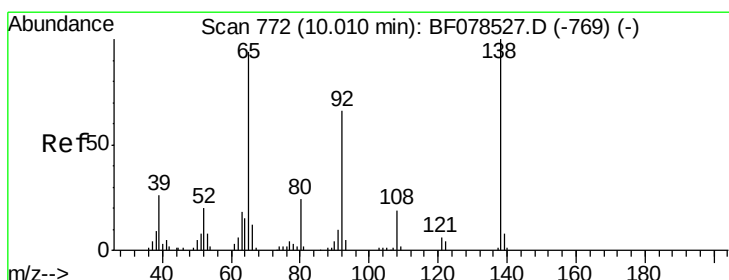
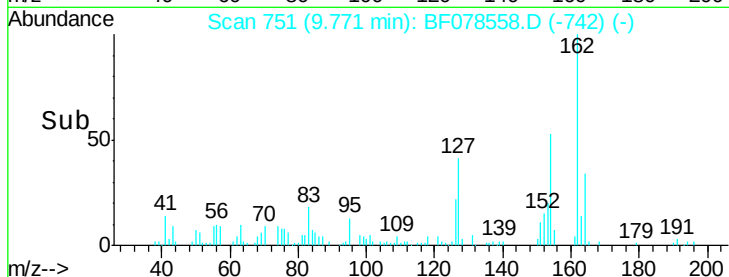
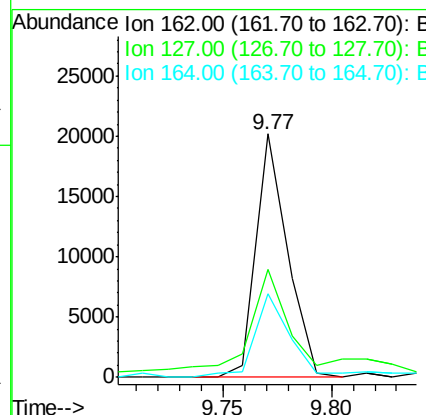
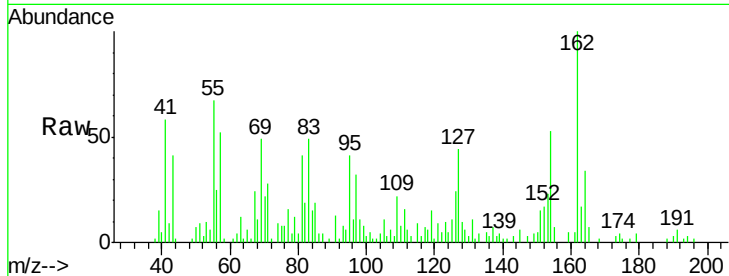
#46
 2-Chloronaphthalene
 Concen: 4.48 ng
 RT: 9.77 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11A(6-12)MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	20375		
127	44.1	32.6	49.0	
164	34.3	26.0	39.0	

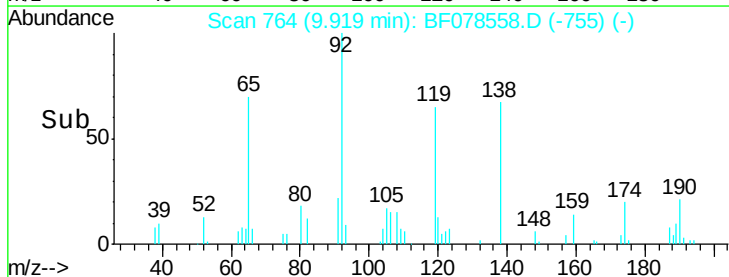
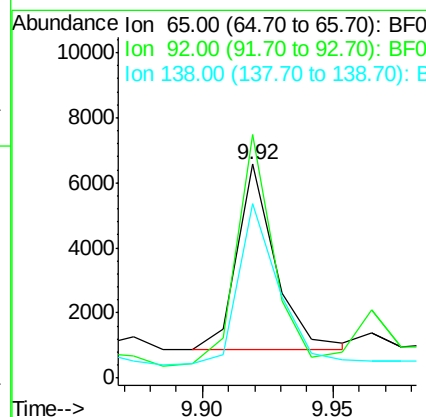
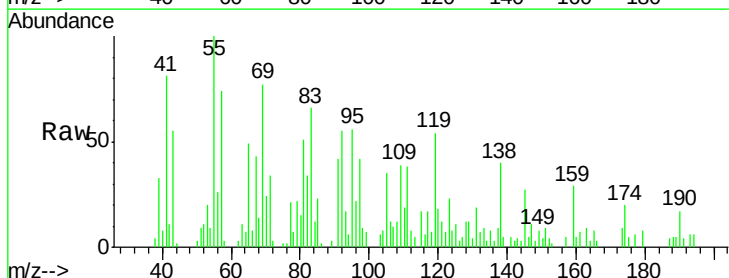
Manual Integrations
 APPROVED

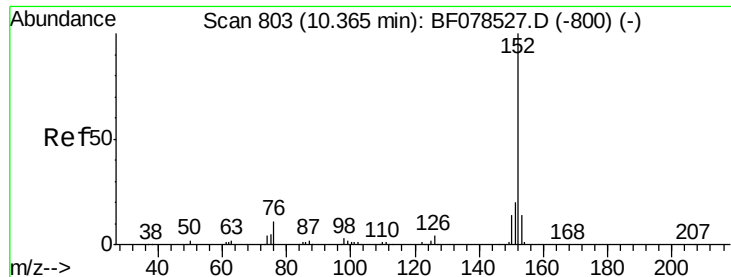
apatel
 4/16/2015 3:31:19 PM



#47
 2-Nitroaniline
 Concen: 5.26 ng
 RT: 9.92 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	5913		
92	113.8	51.3	76.9#	
138	81.3	70.4	105.6	





#48

Acenaphthylene

Concen: 6.05 ng

RT: 10.27 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF078558.D

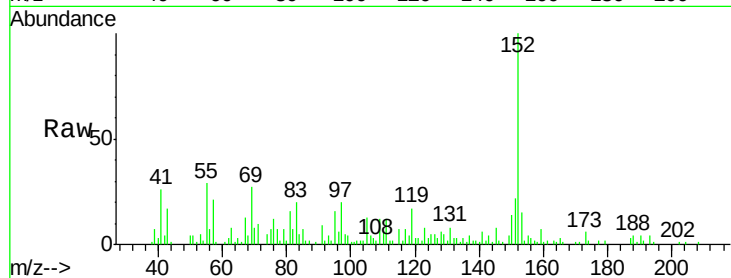
Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

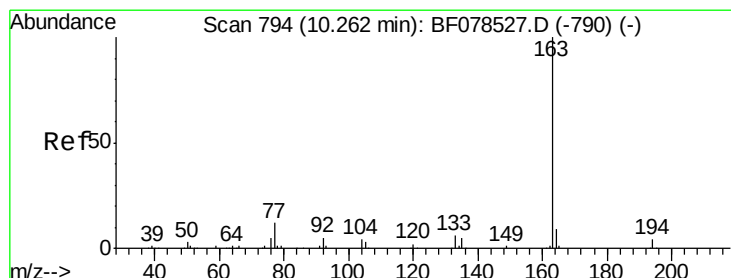
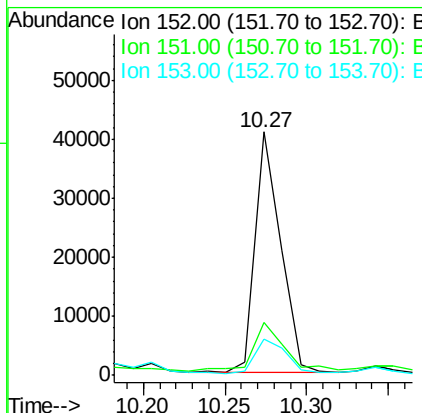
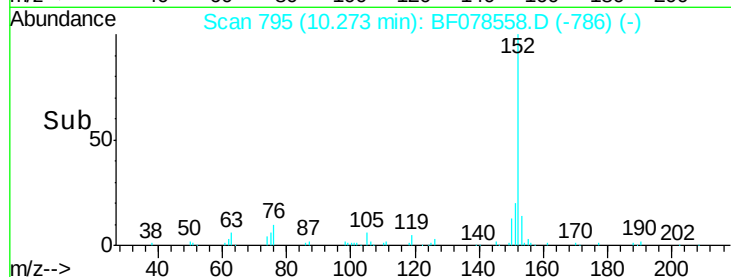
LS-SB11A(6-12)MS



Tgt Ion:	152	Resp:	44428
Ion Ratio	Lower	Upper	
152	100		
151	21.8	15.7	23.5
153	14.9	10.2	15.2

Manual Integrations
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apatel
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#49

Dimethylphthalate

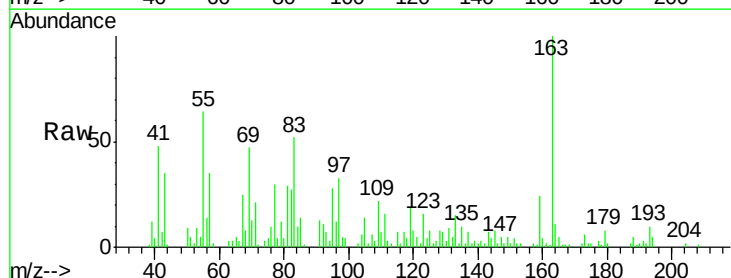
Concen: 5.30 ng

RT: 10.16 min Scan# 785

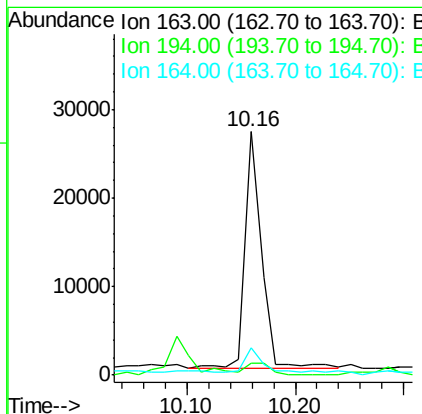
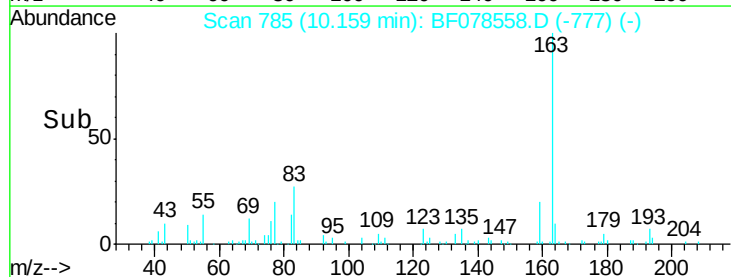
Delta R.T. -0.01 min

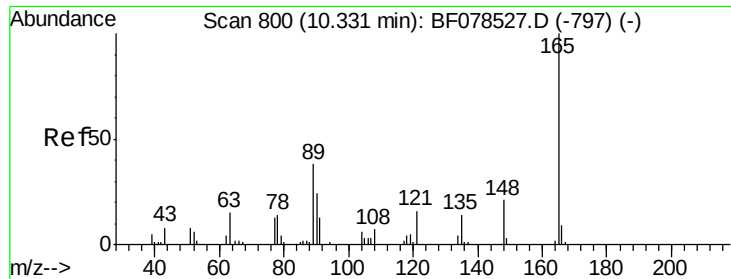
Lab File: BF078558.D

Acq: 16 Apr 2015 2:09



Tgt Ion:	163	Resp:	28119
Ion Ratio	Lower	Upper	
163	100		
194	4.8	2.3	3.5#
164	11.2	8.6	13.0





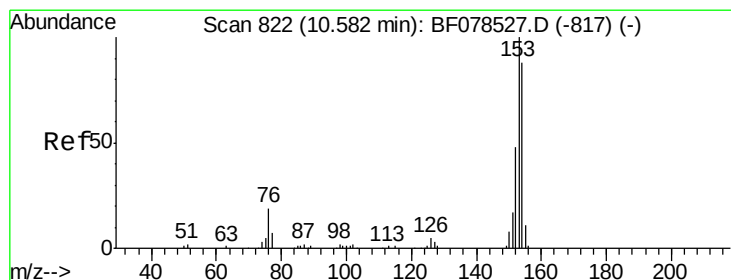
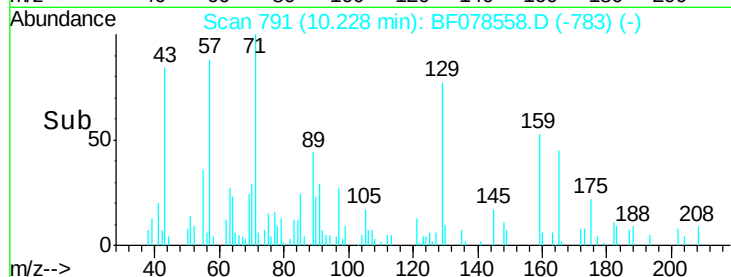
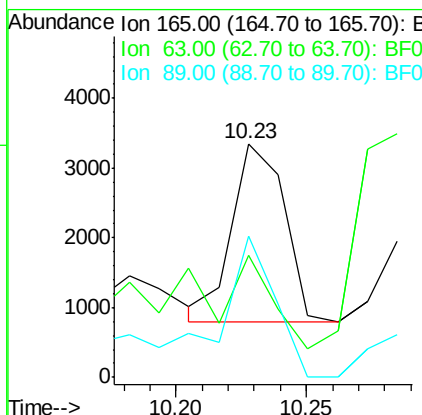
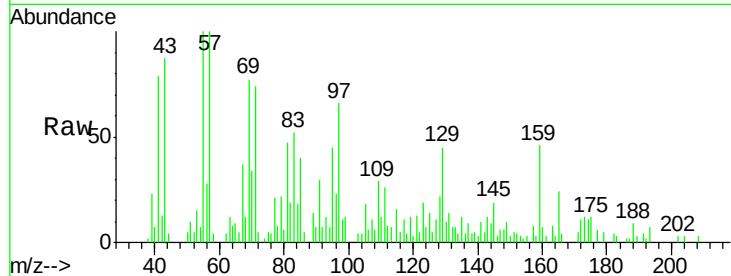
#50
 2,6-Dinitrotoluene
 Concen: 3.32 ng
 RT: 10.23 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11A(6-12)MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	3626		
63	52.3	24.1	36.1#	
89	60.6	28.9	43.3#	

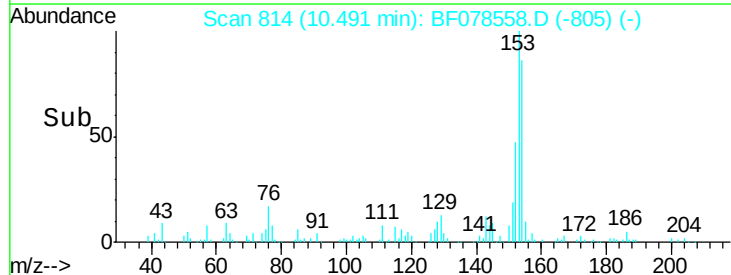
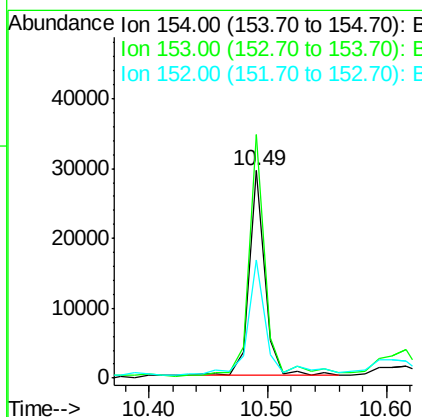
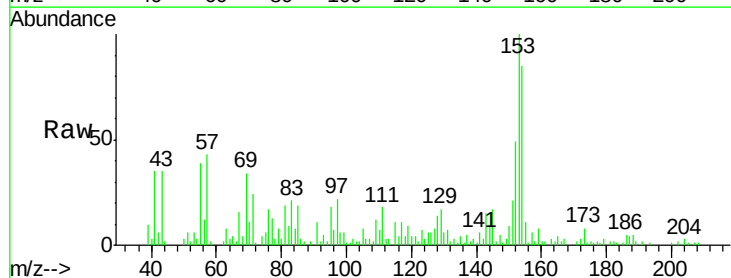
Manual Integrations
 APPROVED

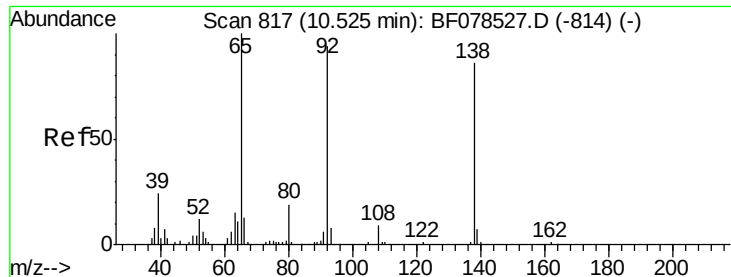
apatel
 4/16/2015 3:31:19 PM



#51
 Acenaphthene
 Concen: 6.57 ng
 RT: 10.49 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	27145		
153	117.3	91.4	137.2	
152	57.1	43.0	64.6	





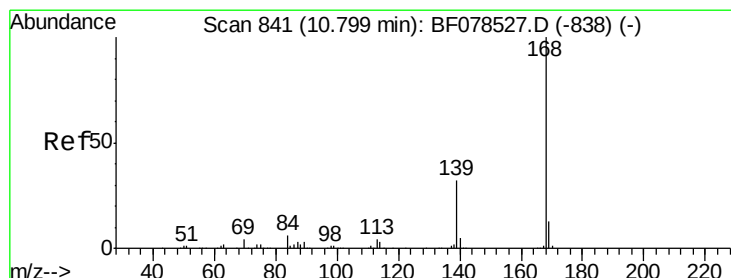
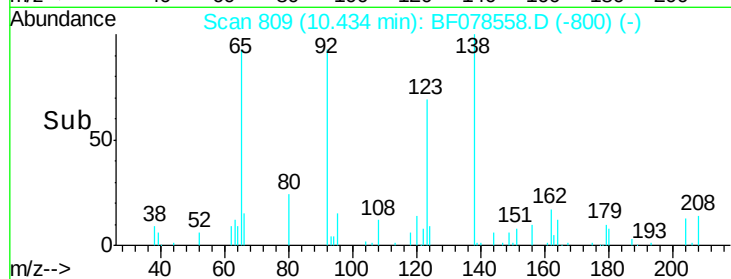
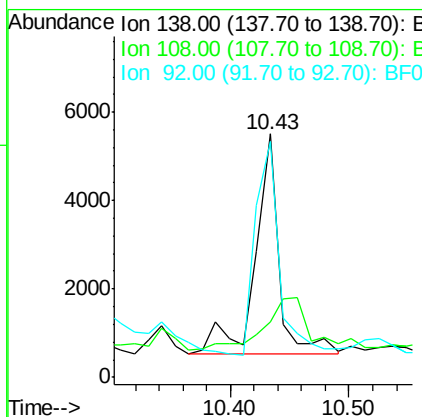
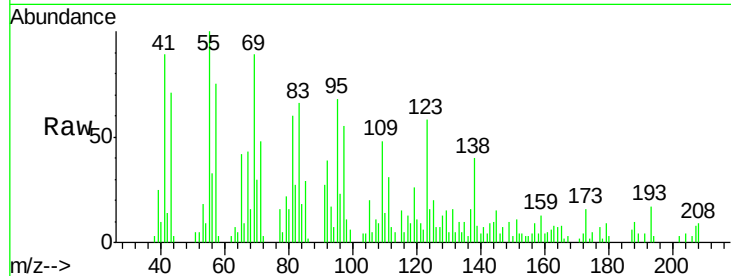
#52
3-Nitroaniline
Concen: 5.57 ng
RT: 10.43 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	22.9	8.2	12.4#
92	96.7	88.4	132.6

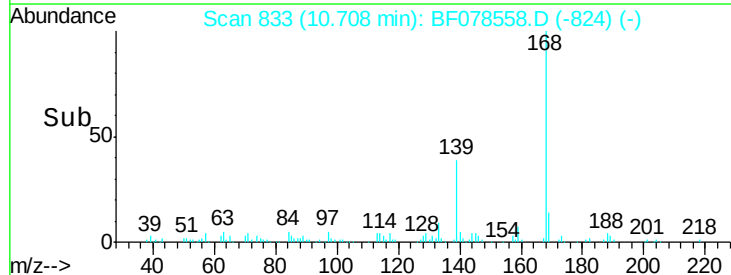
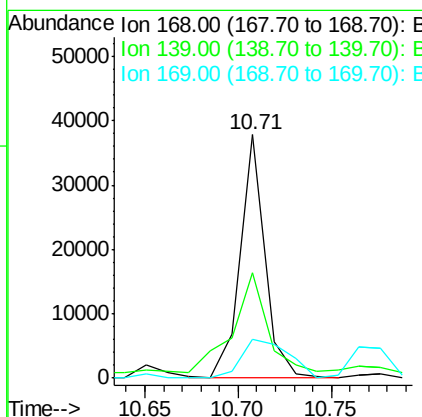
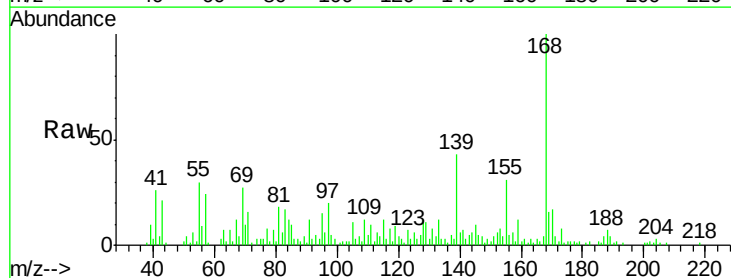
Manual Integrations
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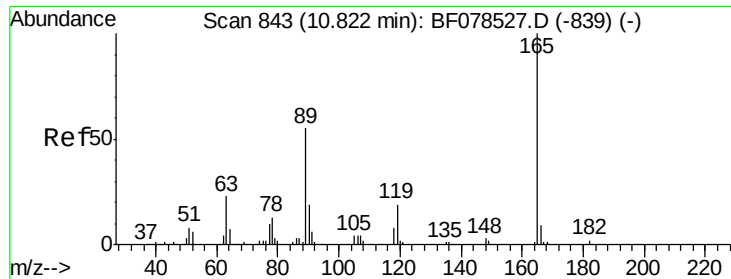
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#54
Dibenzofuran
Concen: 5.58 ng
RT: 10.71 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.2	31.0	46.4
169	15.8	10.7	16.1





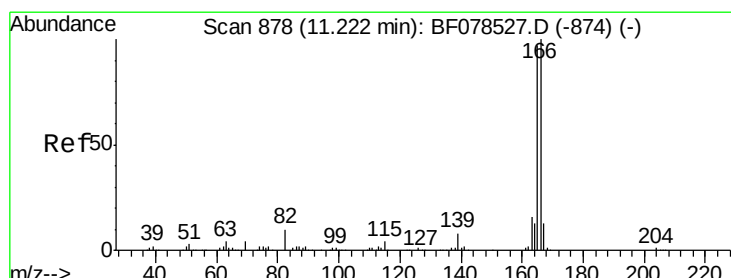
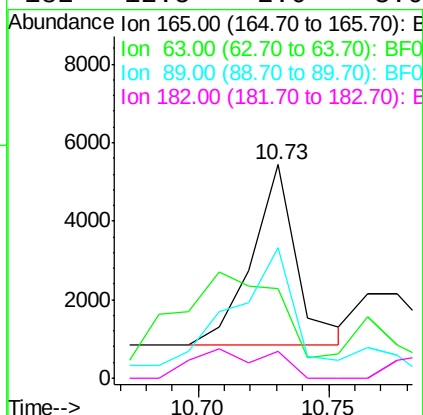
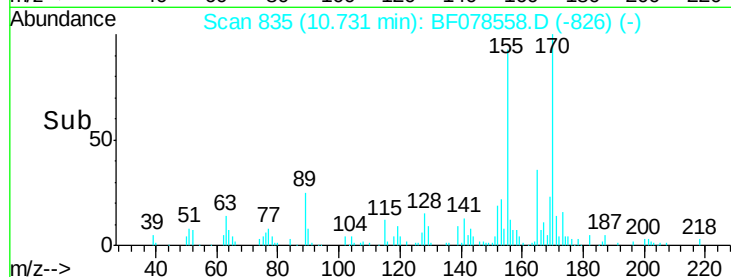
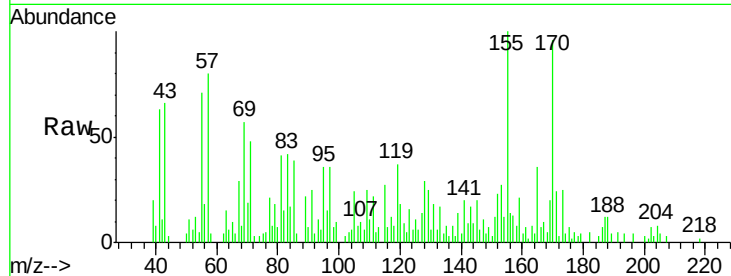
#56
2,4-Dinitrotoluene
Concen: 3.94 ng
RT: 10.73 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		5574		
63	41.7	26.5	39.7#		
89	61.2	46.4	69.6		
182	12.5	2.0	3.0#		

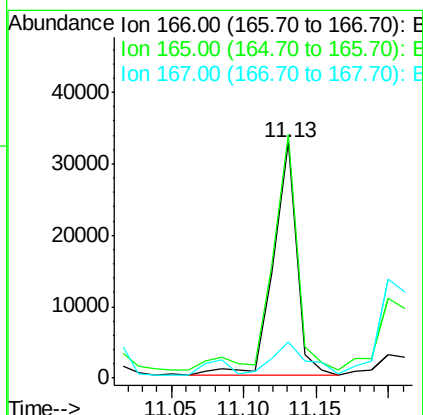
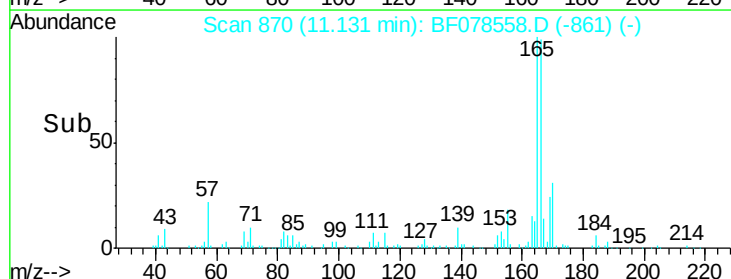
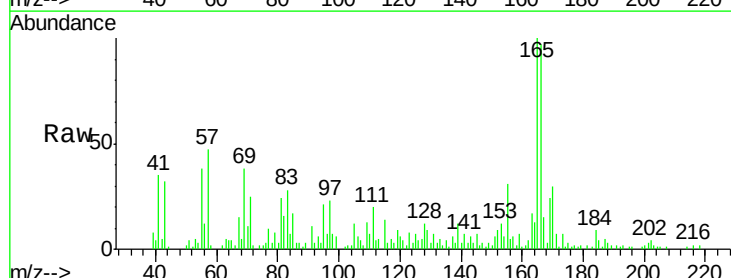
Manual Integrations
APPROVED

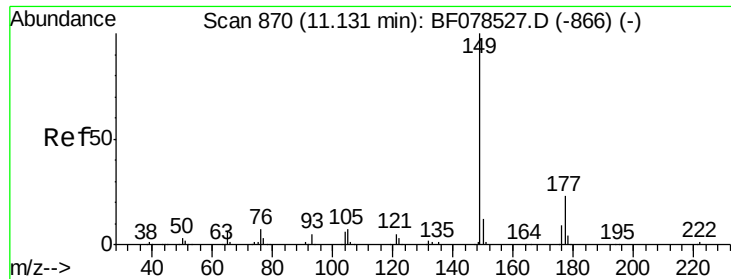
apatel
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#57
Fluorene
Concen: 7.10 ng
RT: 11.13 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		36365		
165	103.4	78.9	118.3		
167	15.6	10.7	16.1		





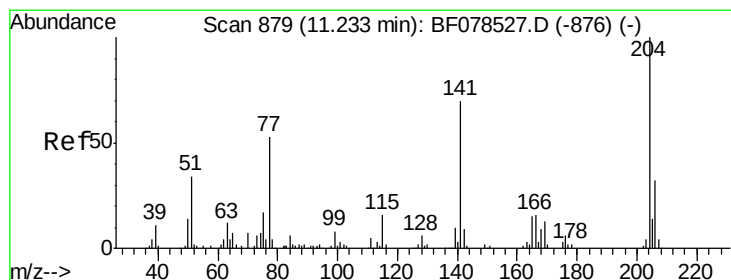
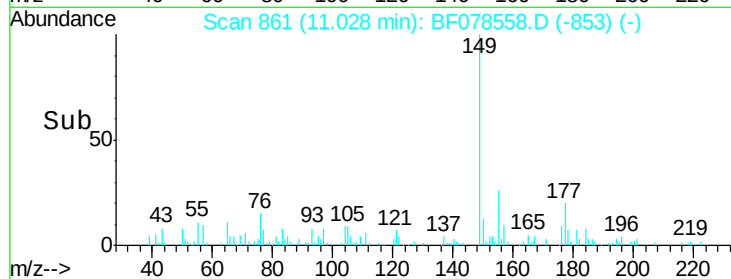
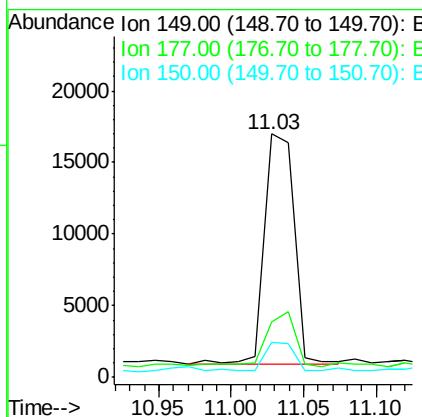
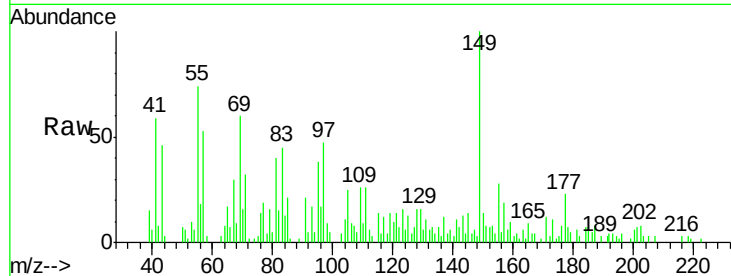
#59
Diethylphthalate
Concen: 4.49 ng
RT: 11.03 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	22975		
177	22.9	17.4	26.2	
150	14.1	9.4	14.2	

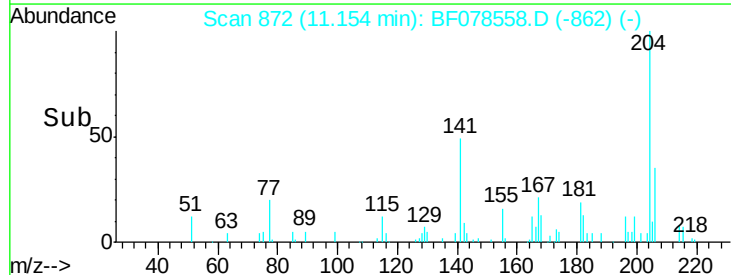
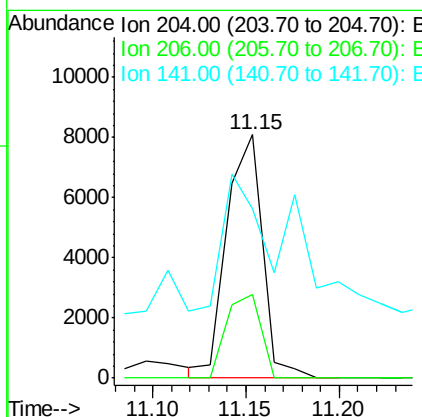
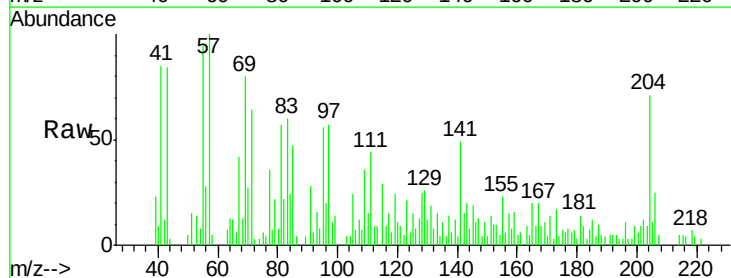
Manual Integrations
APPROVED

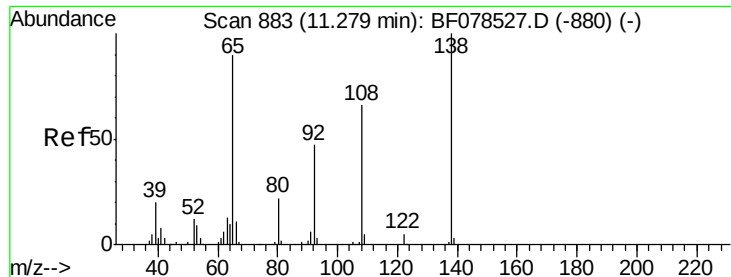
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 4.61 ng
RT: 11.15 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	10864		
206	34.5	25.6	38.4	
141	69.5	35.4	53.0	





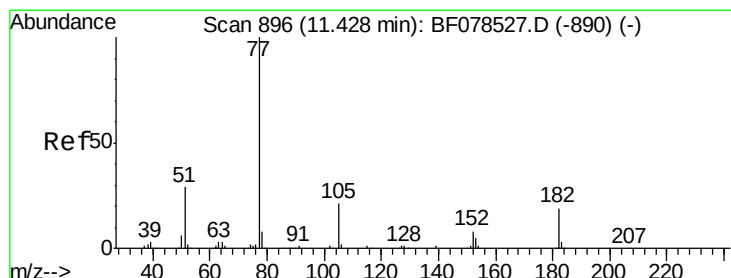
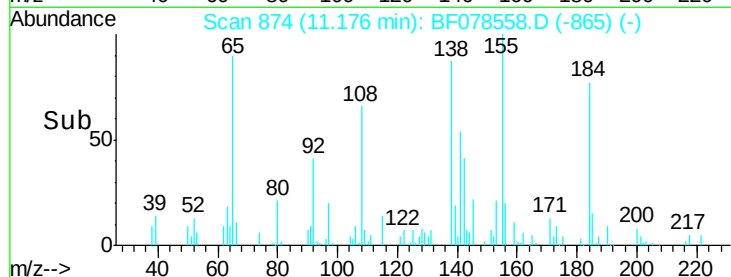
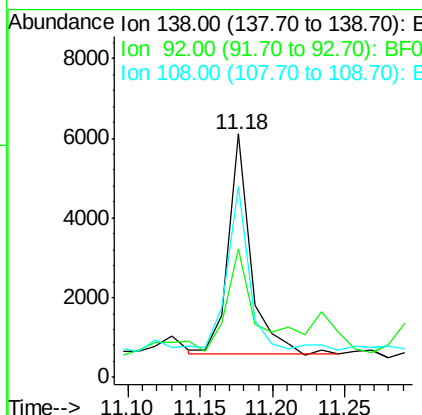
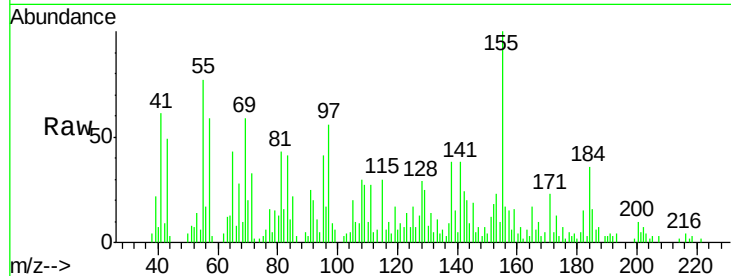
#61
4-Nitroaniline
Concen: 4.70 ng
RT: 11.18 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

Tgt Ion: 138 Resp: 5899
Ion Ratio Lower Upper
138 100
92 53.0 27.3 67.3
108 78.3 47.2 87.2

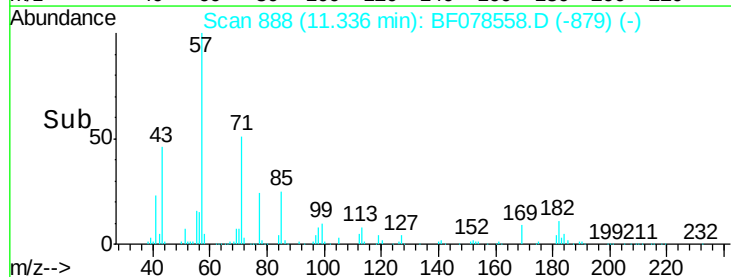
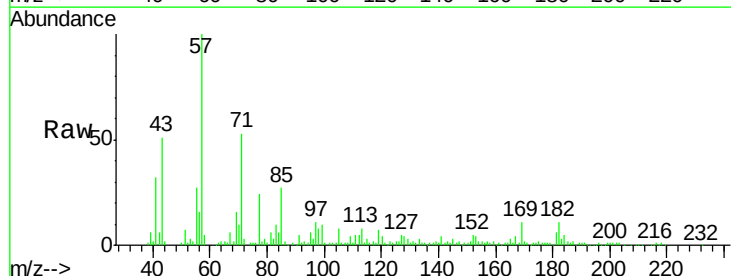
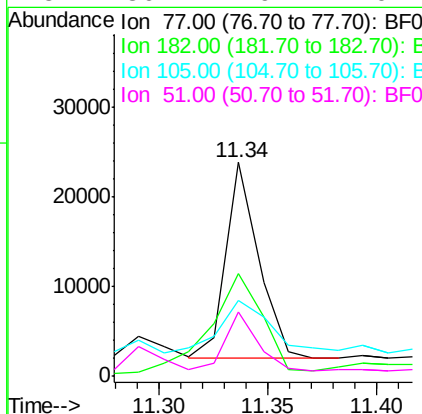
Manual Integrations
APPROVED

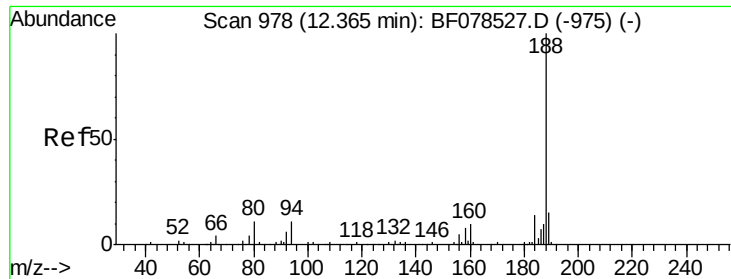
apatel
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#62
Azobenzene
Concen: 4.92 ng
RT: 11.34 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion: 77 Resp: 22962
Ion Ratio Lower Upper
77 100
182 48.3 0.0 36.8#
105 35.3 0.3 40.3
51 30.2 9.1 49.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.27 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

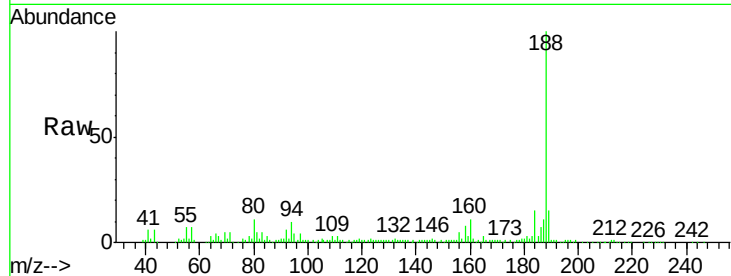
ClientSampleId :

LS-SB11A(6-12)MS

Tgt Ion:	188	Resp:	133316
Ion Ratio	Lower	Upper	
188	100		
94	9.8	9.0	13.4
80	10.5	9.5	14.3

Manual Integrations
APPROVED

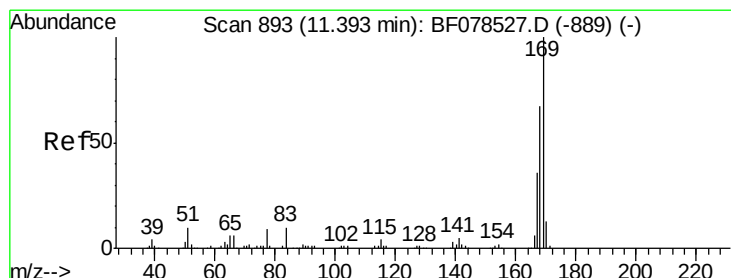
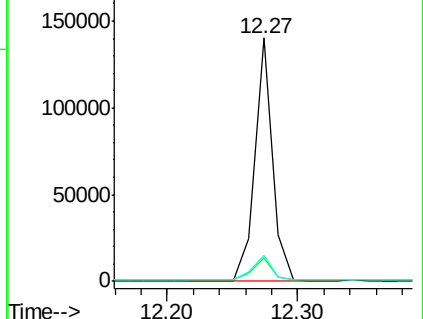
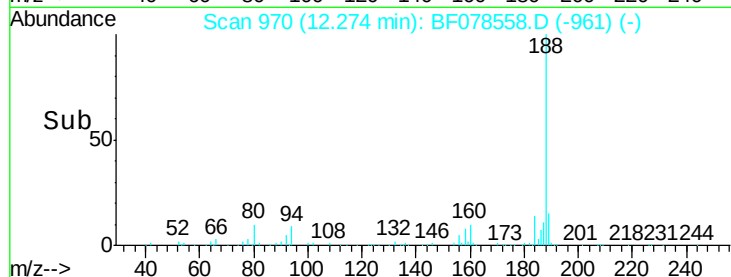
apatel
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#65

n-Nitrosodiphenylamine

Concen: 11.22 ng

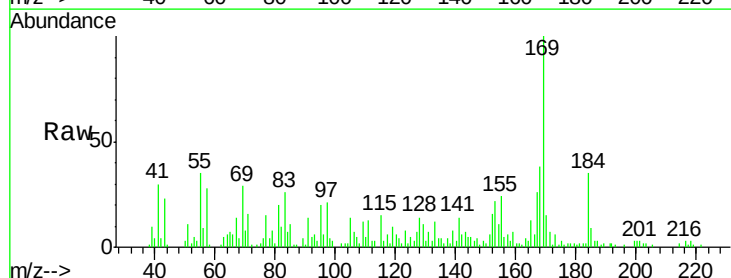
RT: 11.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

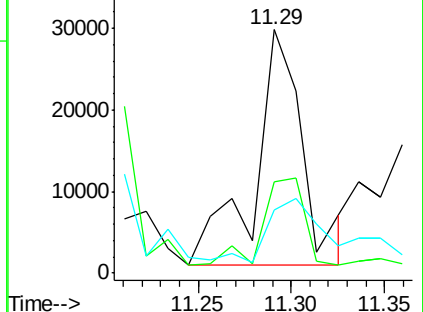
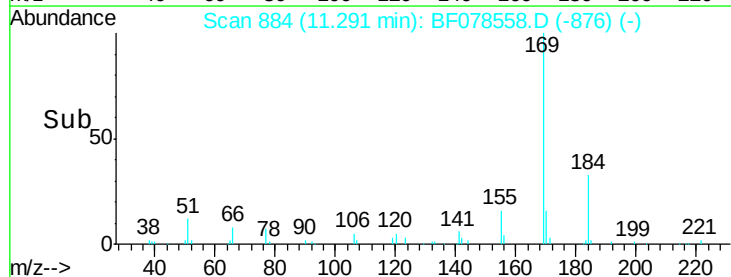
Tgt Ion:	169	Resp:	51747
Ion Ratio	Lower	Upper	
169	100		
168	37.6	55.0	82.4#
167	26.1	29.3	43.9#

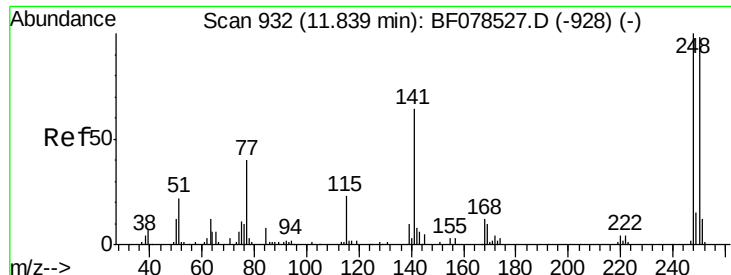


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





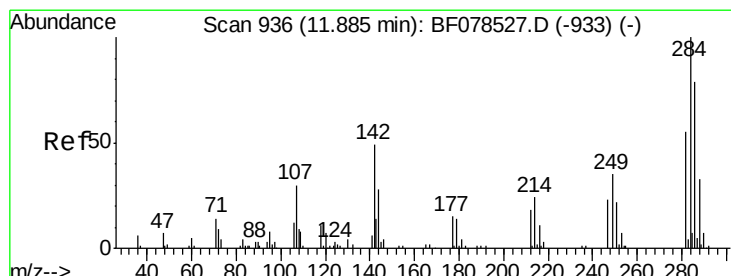
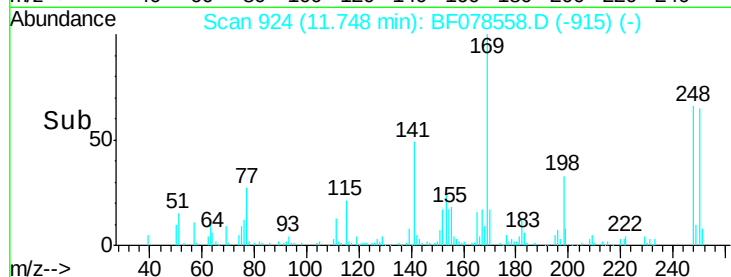
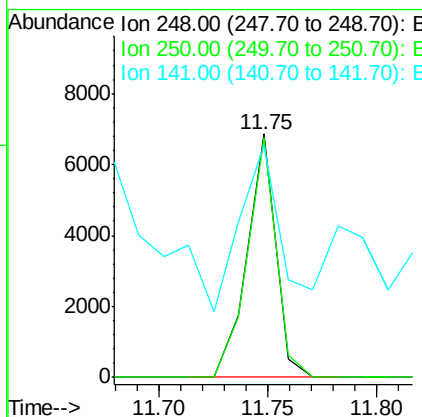
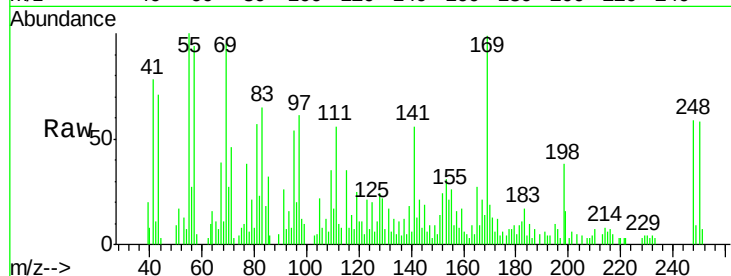
#66
 4-Bromophenyl-phenylether
 Concen: 4.43 ng
 RT: 11.75 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11A(6-12)MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.2	117.2
141	95.4	66.4	99.6

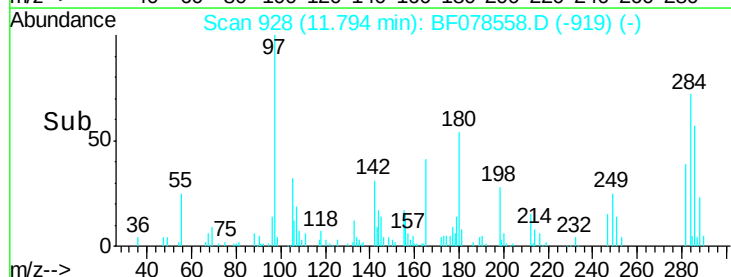
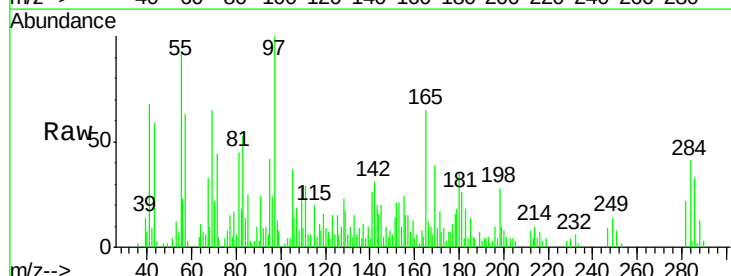
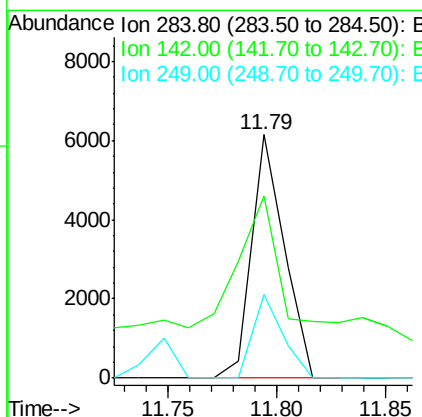
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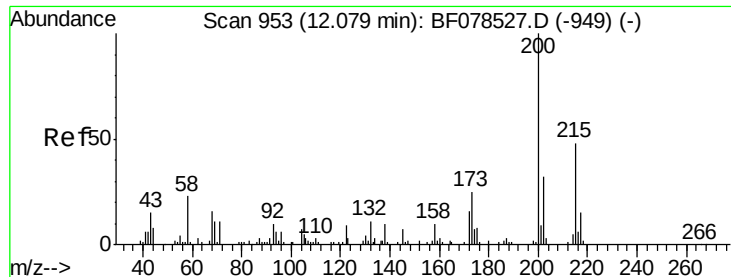
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#67
 Hexachlorobenzene
 Concen: 4.15 ng
 RT: 11.79 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	75.0	24.5	36.7#
249	34.5	24.8	37.2





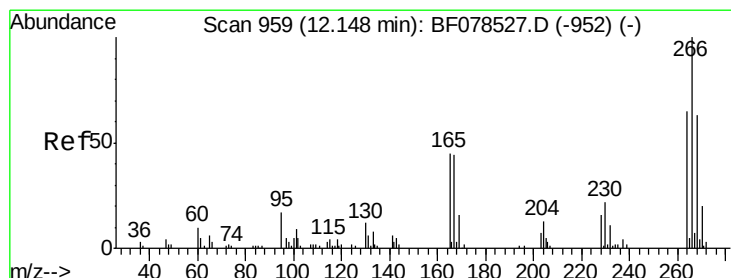
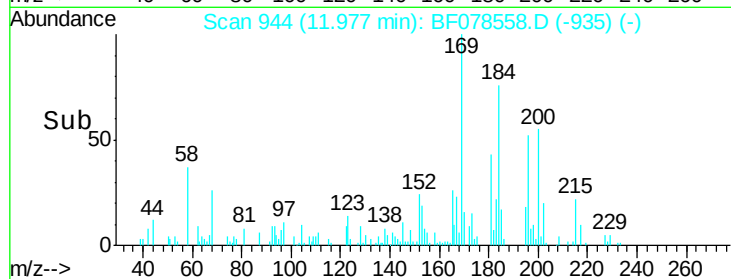
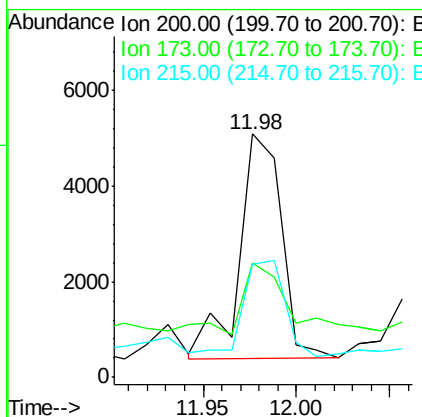
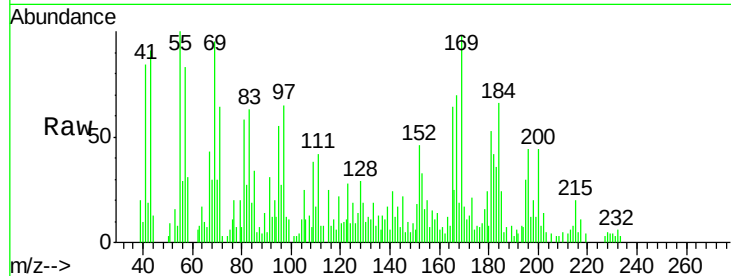
#68
Atrazine
Concen: 5.51 ng
RT: 11.98 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	7363		
173	46.8	6.9	46.9	
215	46.2	27.1	67.1	

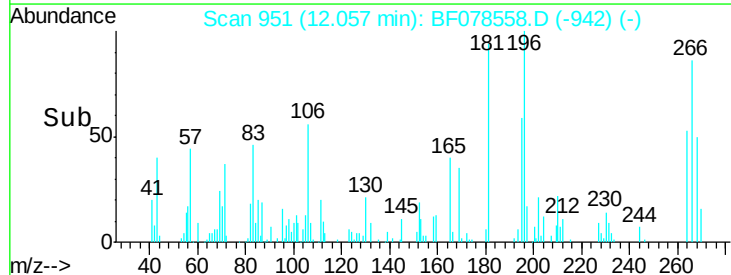
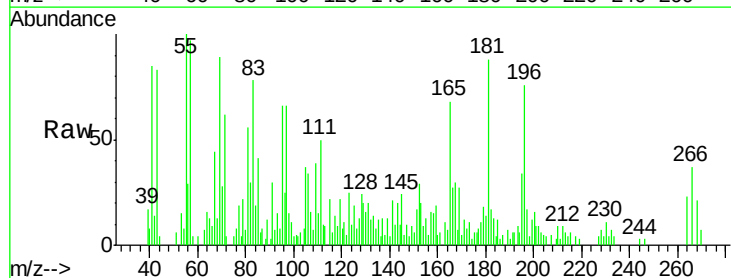
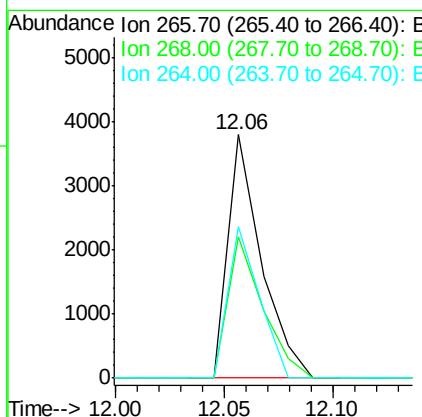
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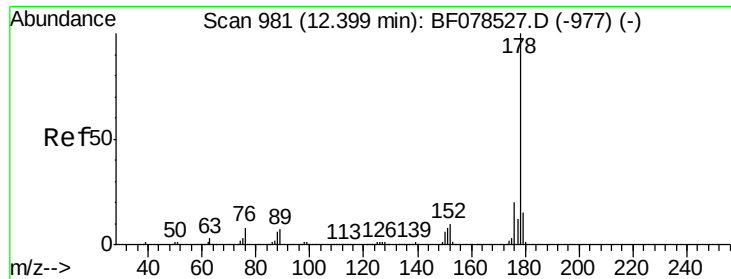
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#69
Pentachlorophenol
Concen: 13.06 ng
RT: 12.06 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	4024		
268	58.1	50.1	75.1	
264	62.2	50.0	75.0	





#70

Phenanthrene

Concen: 16.70 ng

RT: 12.31 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

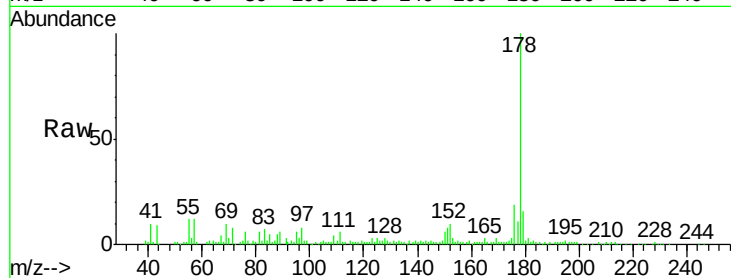
LS-SB11A(6-12)MS

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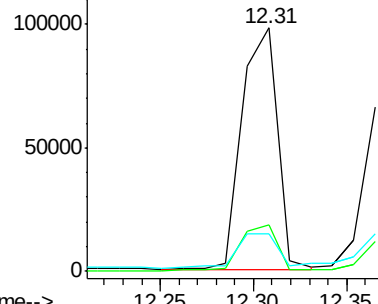
Tgt Ion:	178	Resp:	128746
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.4	23.0
179	15.6	12.2	18.2



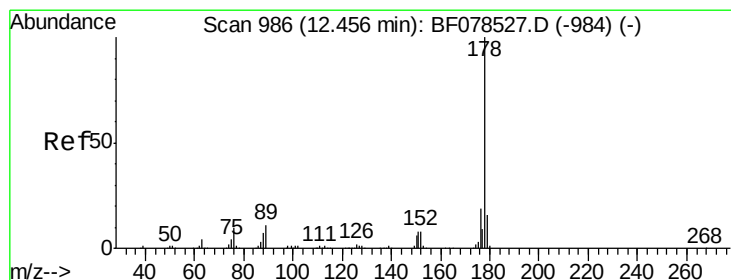
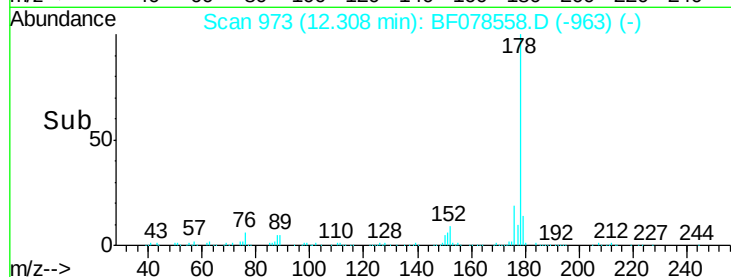
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#71

Anthracene

Concen: 7.98 ng m

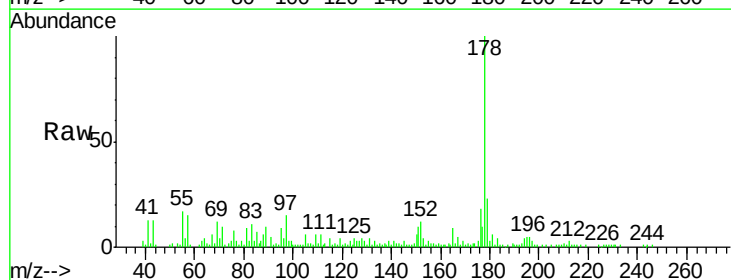
RT: 12.37 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

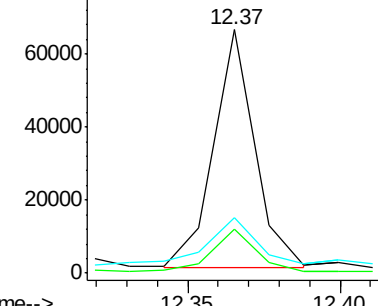
Tgt Ion:	178	Resp:	60648
Ion Ratio	Lower	Upper	
178	100		
176	18.0	14.8	22.2
179	22.6	12.4	18.6#



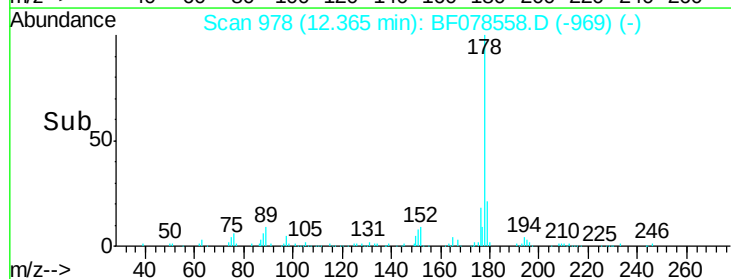
Abundance Ion 178.00 (177.70 to 178.70): E

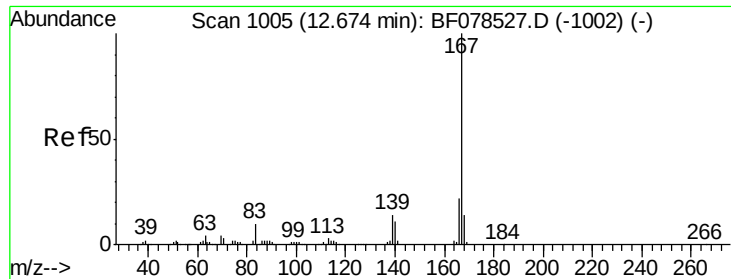
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





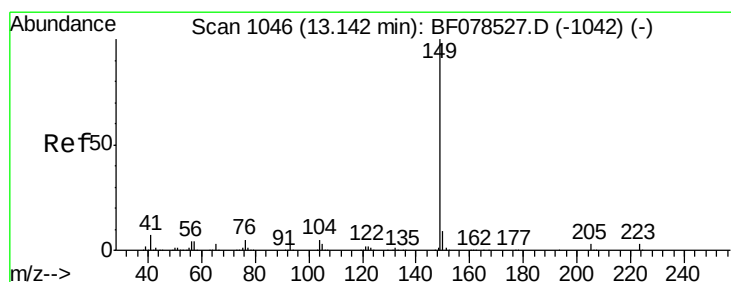
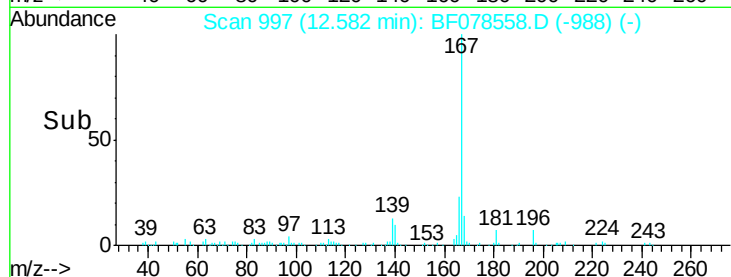
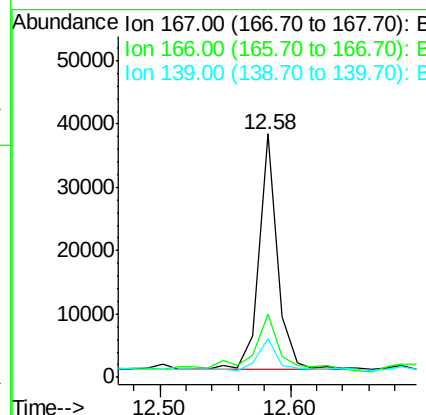
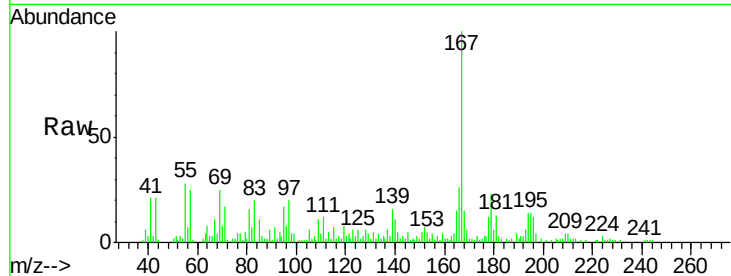
#72
 Carbazole
 Concen: 5.12 ng
 RT: 12.58 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11A(6-12)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
167	100		
166	25.8	16.8	25.2#
139	16.2	10.0	15.0#

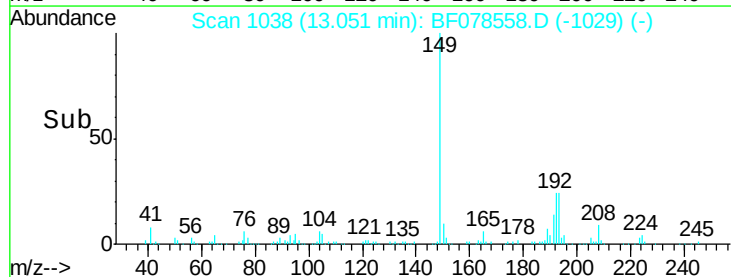
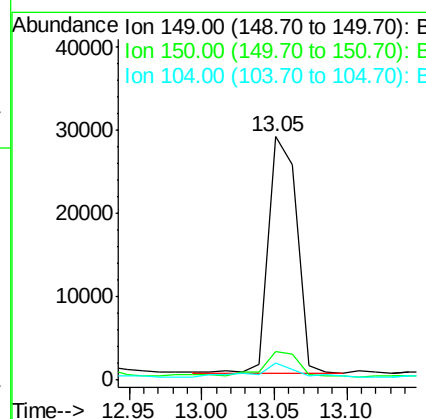
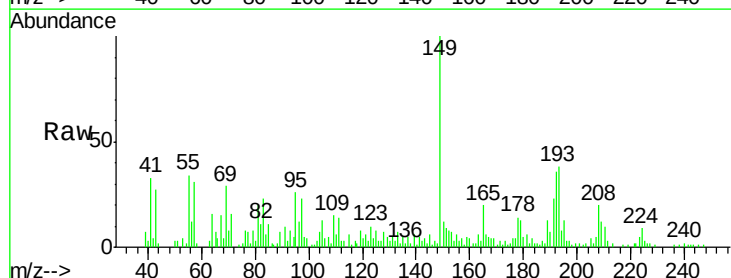
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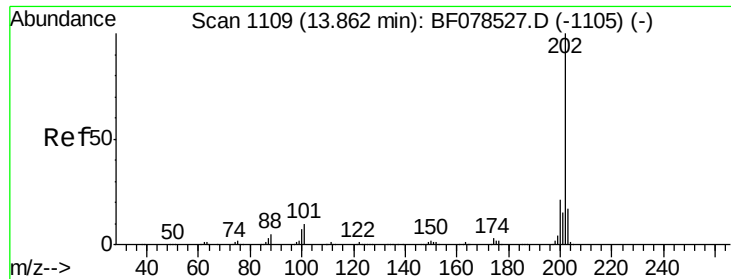
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#73
 Di-n-butylphthalate
 Concen: 4.74 ng
 RT: 13.05 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	11.9	7.1	10.7#
104	7.1	3.8	5.6#





#74

Fluoranthene

Concen: 35.73 ng

RT: 13.77 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

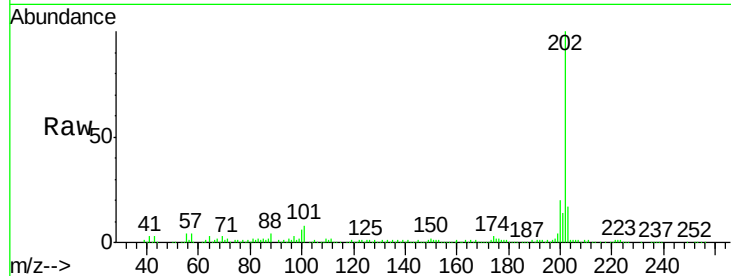
ClientSampleId :

LS-SB11A(6-12)MS

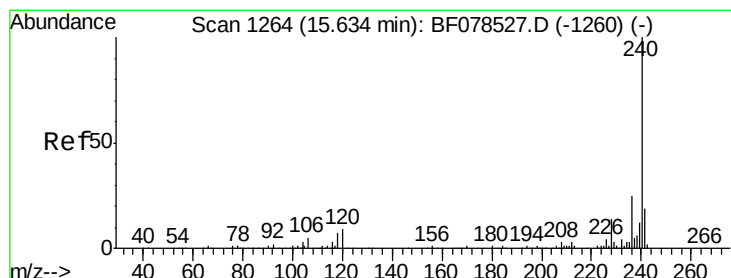
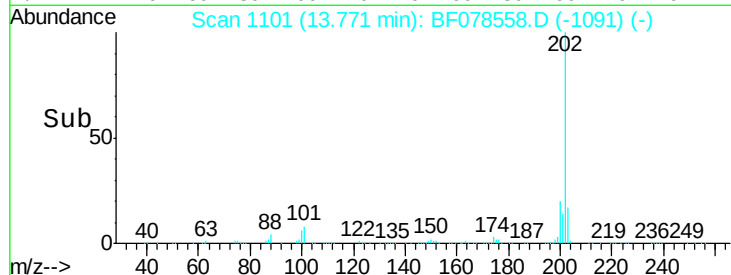
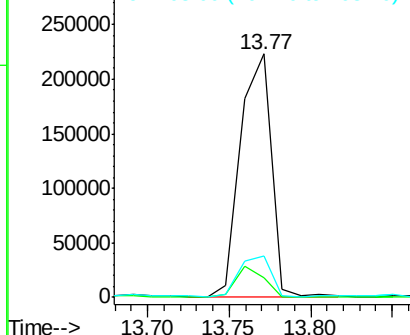
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		290585		
101	8.2	0.0	35.2		
203	17.0	0.0	38.5		

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



#75

Chrysene-d12

Concen: 20.00 ng

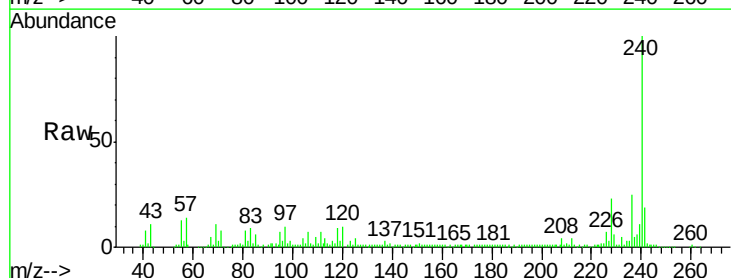
RT: 15.53 min Scan# 1255

Delta R.T. 0.00 min

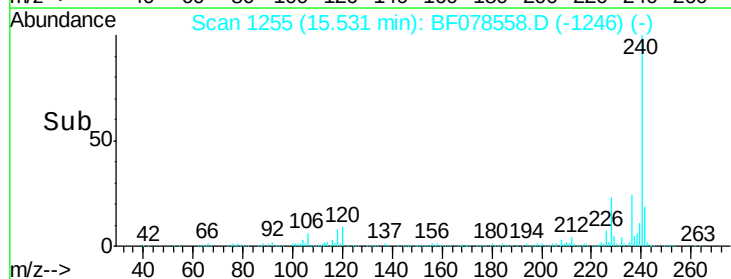
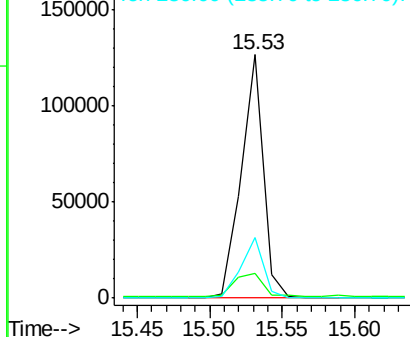
Lab File: BF078558.D

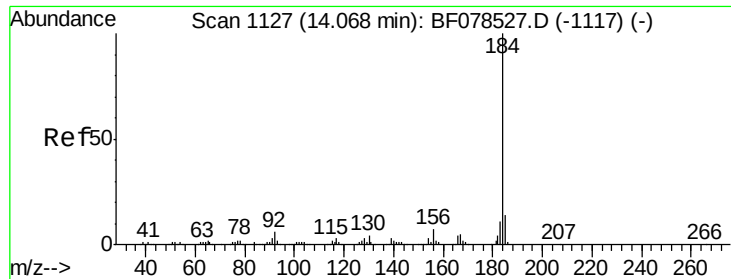
Acq: 16 Apr 2015 2:09

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		134884		
120	10.1	7.1	10.7		
236	24.7	21.4	32.2		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.72 ng

RT: 13.97 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

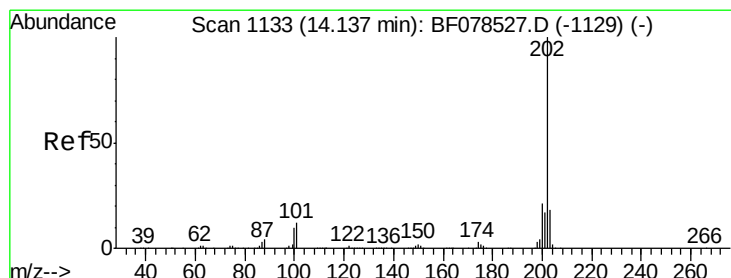
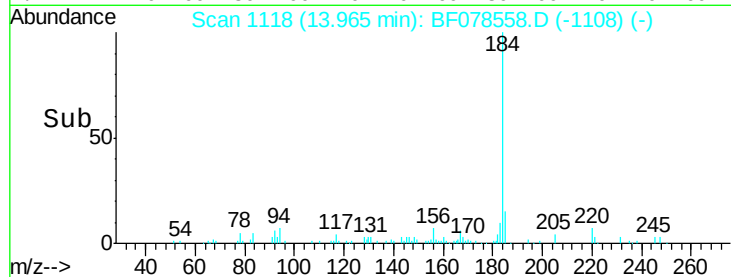
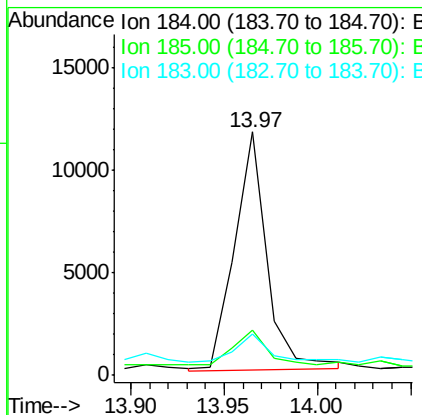
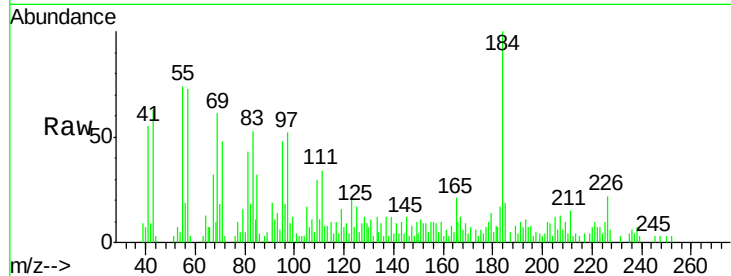
ClientSampleId :

LS-SB11A(6-12)MS

Tgt Ion:	184	Resp:	14117
Ion Ratio	Lower	Upper	
184	100		
185	18.5	12.2	18.2#
183	16.9	9.5	14.3#

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#77

Pyrene

Concen: 35.98 ng

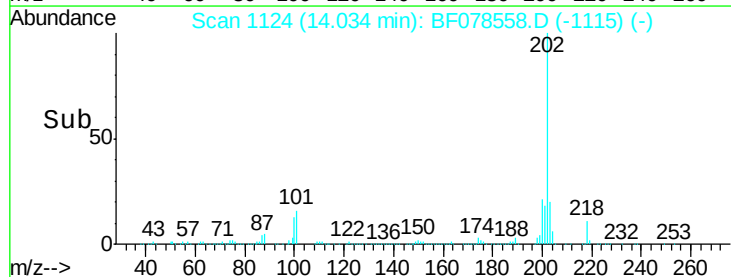
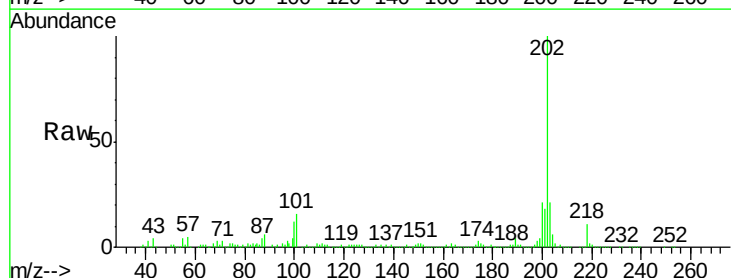
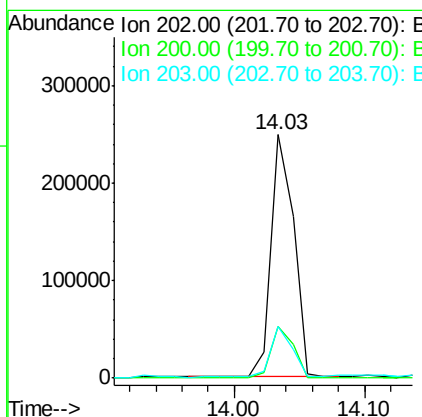
RT: 14.03 min Scan# 1124

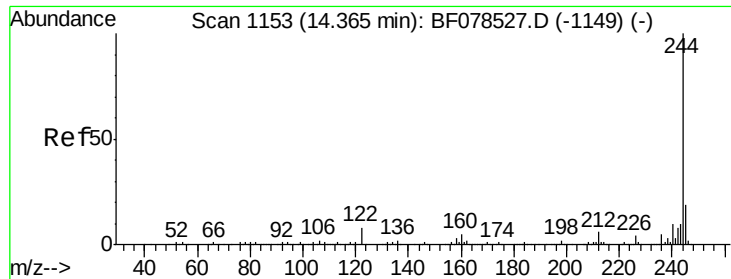
Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Tgt Ion:	202	Resp:	304653
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.3	24.5
203	21.0	13.8	20.6#





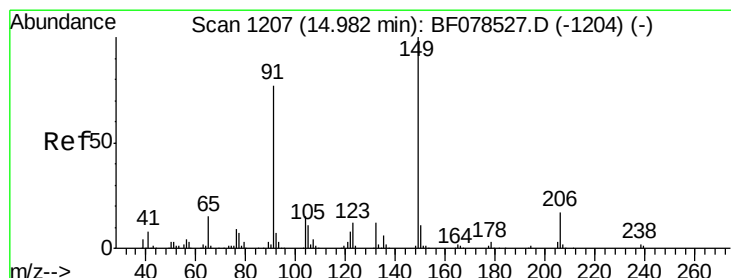
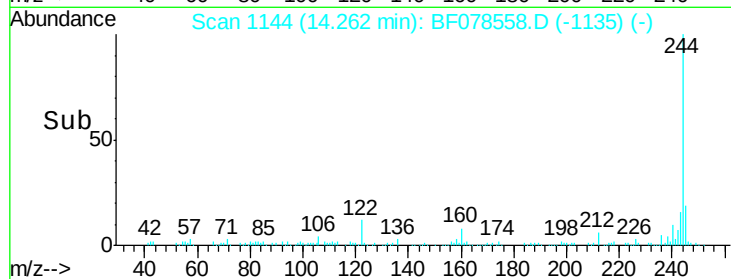
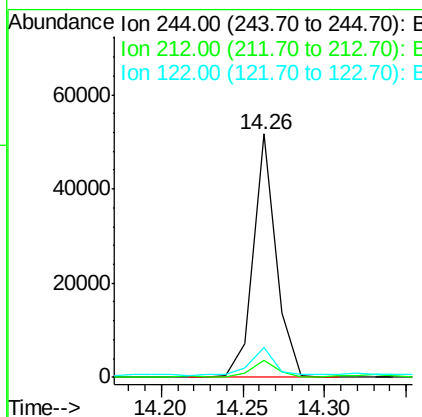
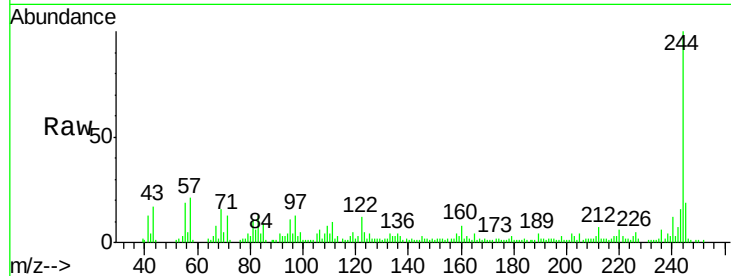
#78
 Terphenyl-d14
 Concen: 8.41 ng
 RT: 14.26 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11A(6-12)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.9	5.0	7.4
122	12.5	7.1	10.7

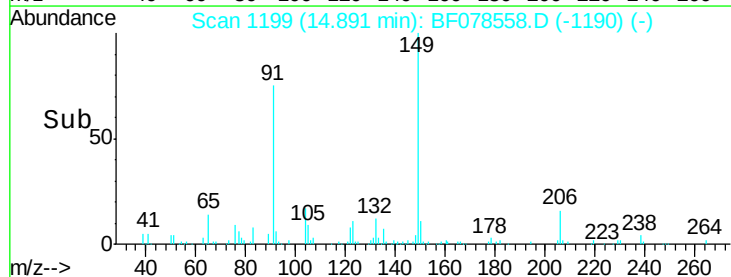
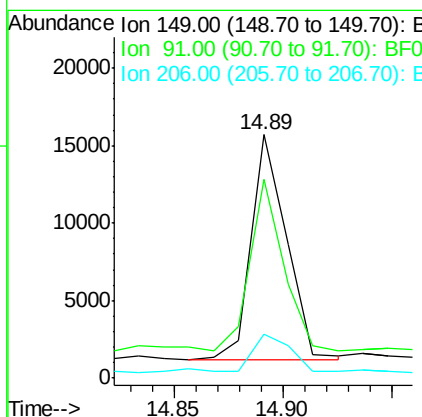
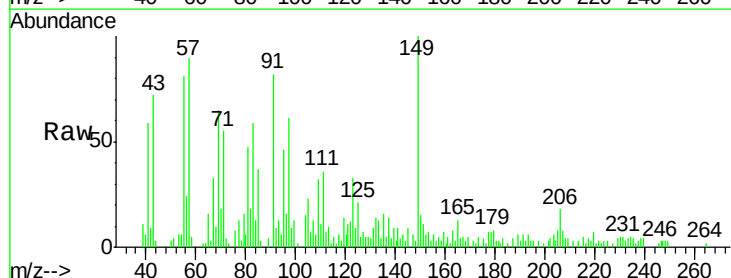
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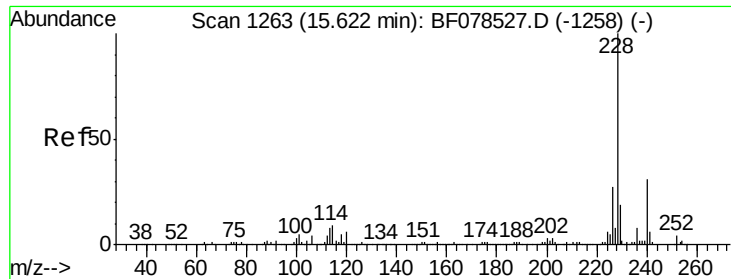
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#79
 Butylbenzylphthalate
 Concen: 5.12 ng
 RT: 14.89 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	81.7	64.2	96.2
206	18.0	12.6	18.8





#80

Benzo(a)anthracene

Concen: 27.18 ng

RT: 15.52 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

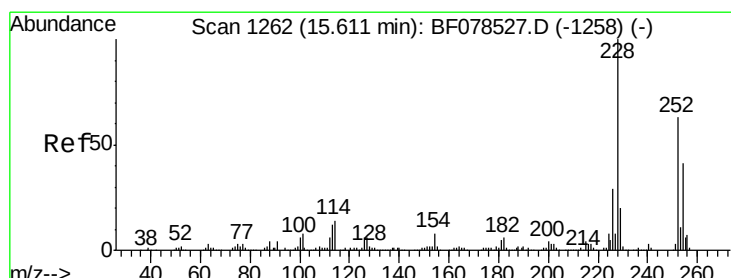
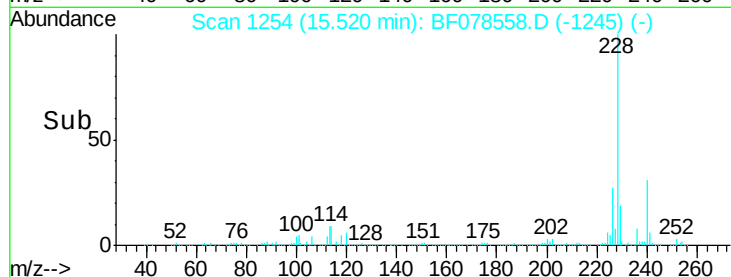
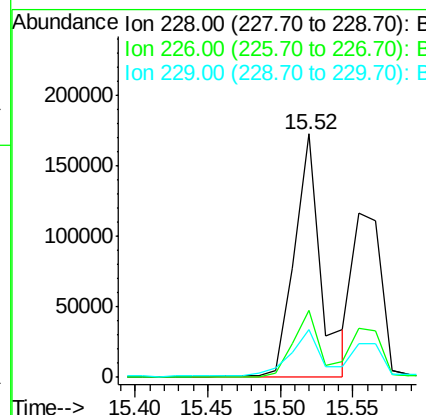
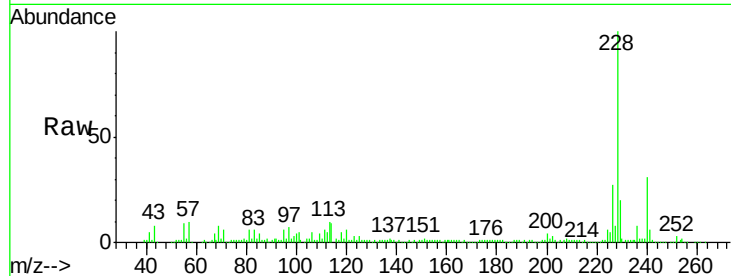
ClientSampleId :

LS-SB11A(6-12)MS

Tgt Ion:	228	Resp:	218147
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.3	31.9
229	19.8	15.4	23.2

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#81

3,3'-Dichlorobenzidine

Concen: 4.02 ng

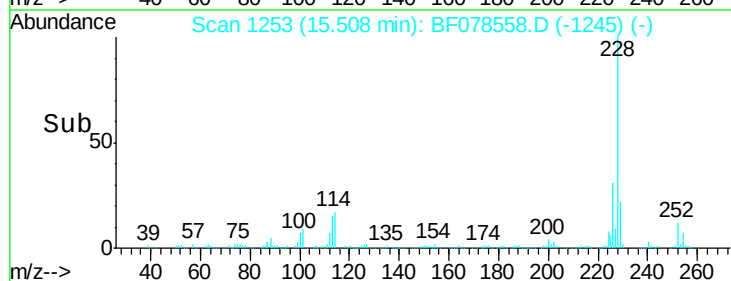
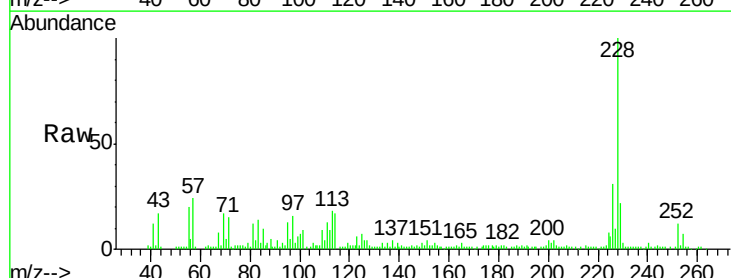
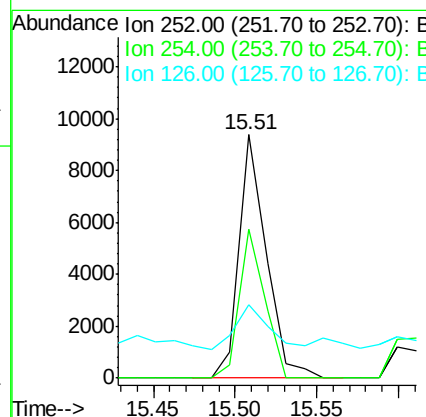
RT: 15.51 min Scan# 1253

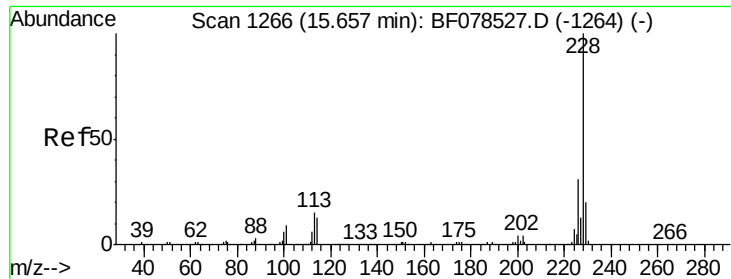
Delta R.T. -0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Tgt Ion:	252	Resp:	10801
Ion Ratio	Lower	Upper	
252	100		
254	61.4	51.2	76.8
126	30.1	6.3	9.5#





#82

Chrysene

Concen: 21.17 ng

RT: 15.55 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

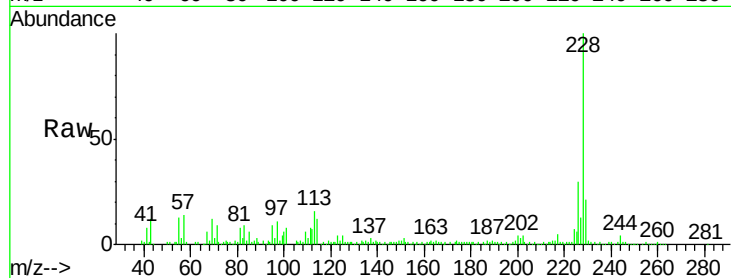
ClientSampleId :

LS-SB11A(6-12)MS

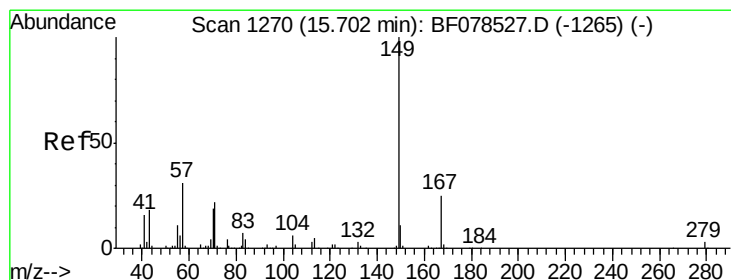
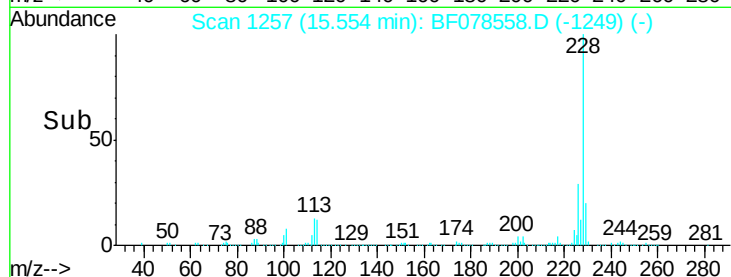
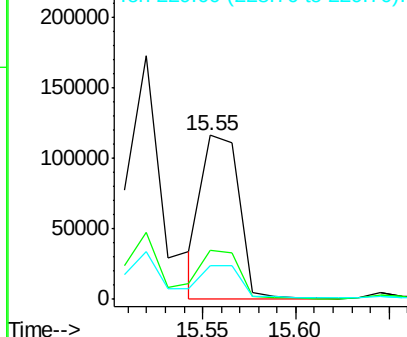
Tgt Ion:	228	Resp:	159616
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.2	36.4
229	20.7	15.8	23.8

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.15 ng

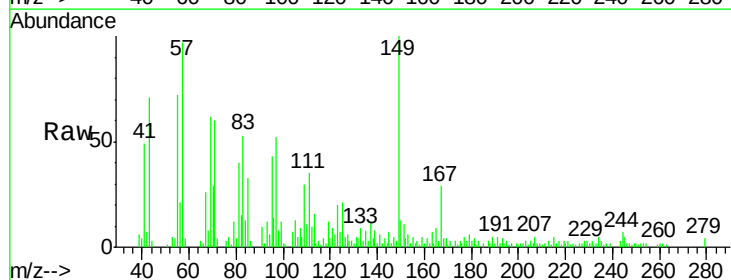
RT: 15.62 min Scan# 1263

Delta R.T. -0.01 min

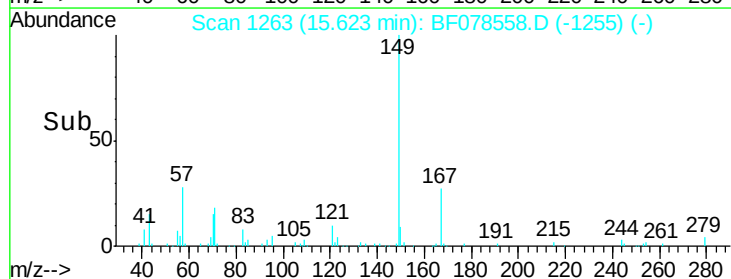
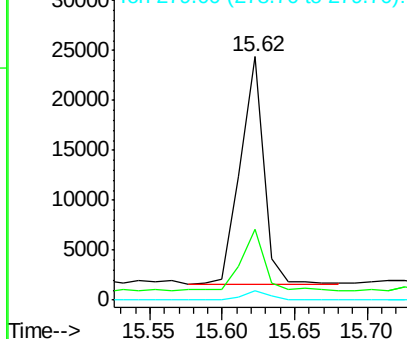
Lab File: BF078558.D

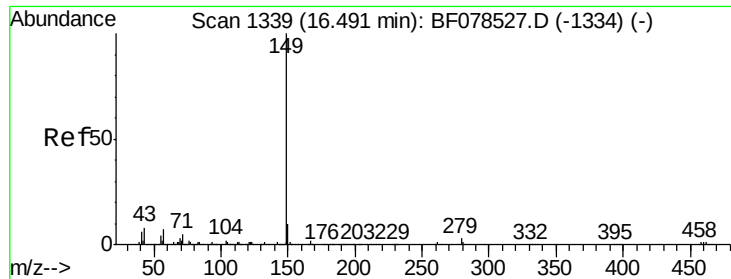
Acq: 16 Apr 2015 2:09

Tgt Ion:	149	Resp:	26067
Ion Ratio	Lower	Upper	
149	100		
167	29.2	22.2	33.2
279	3.9	3.2	4.8



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





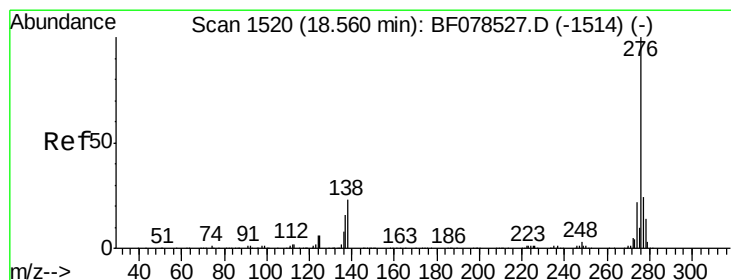
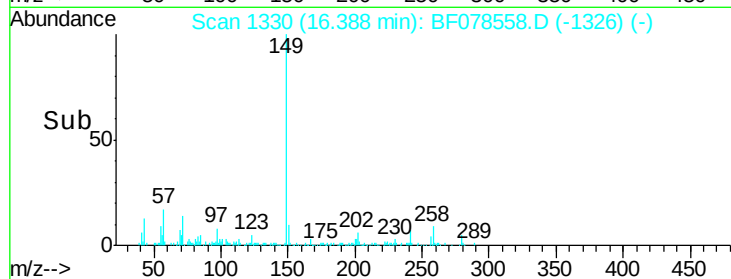
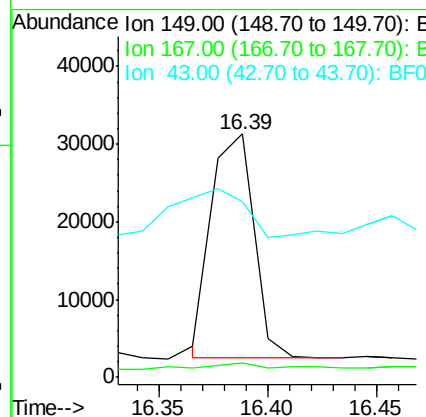
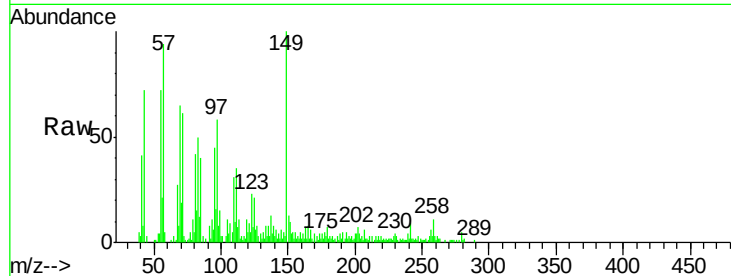
#84
Di-n-octyl phthalate
Concen: 4.70 ng
RT: 16.39 min Scan# 1330
Delta R.T. -0.06 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	0.0	0.0#
43	0.0	0.0	0.0

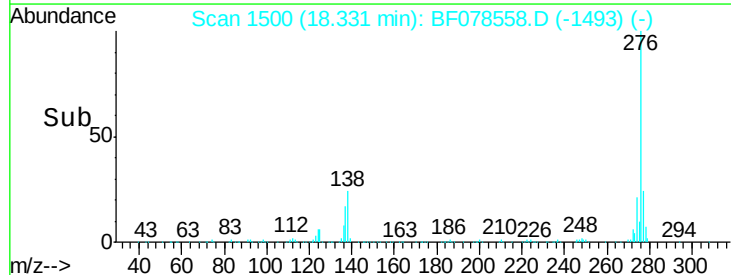
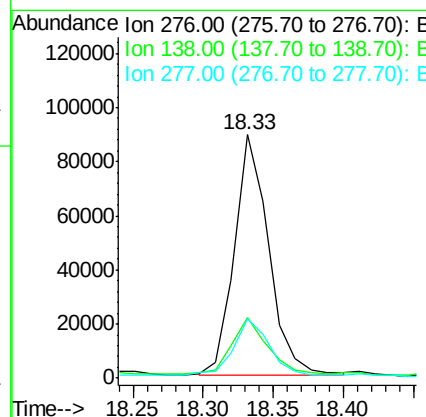
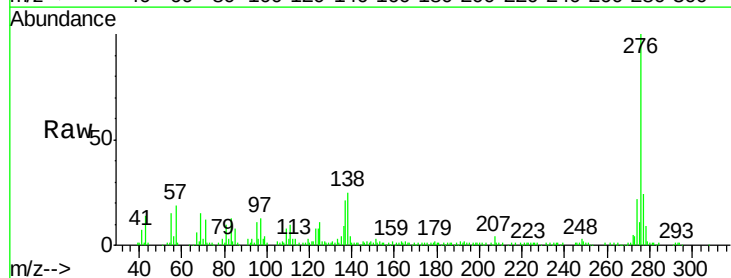
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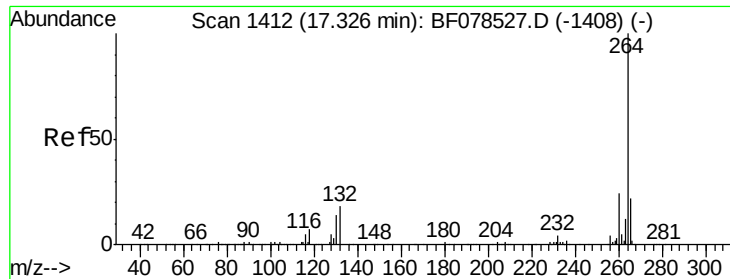
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#85
Indeno(1,2,3-cd)pyrene
Concen: 17.70 ng m
RT: 18.33 min Scan# 1500
Delta R.T. -0.22 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	2.4	16.9	25.3#
277	3.6	15.8	23.6#





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.17 min Scan# 1398

Delta R.T. -0.14 min

Lab File: BF078558.D

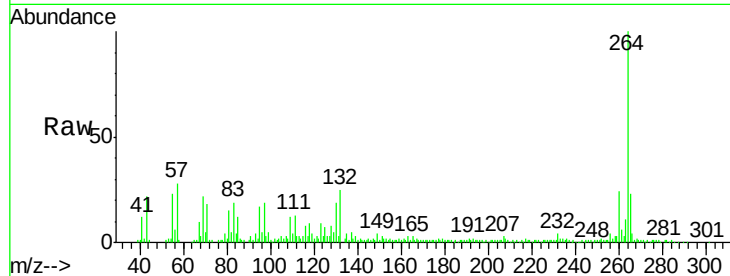
Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

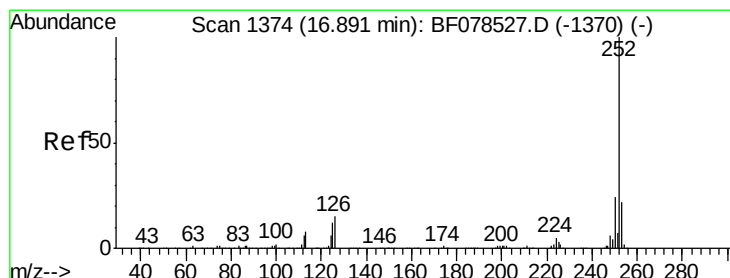
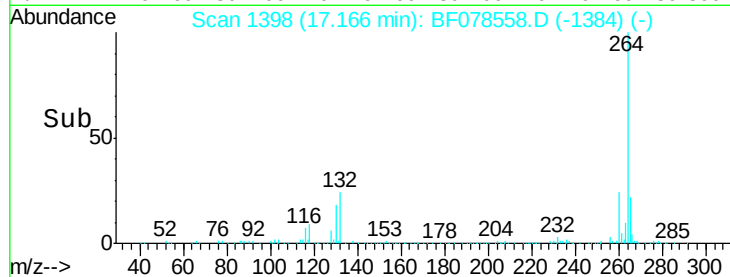
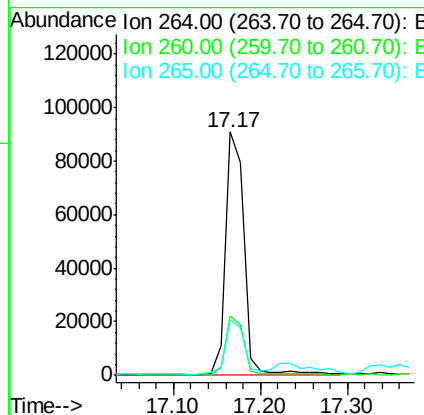
LS-SB11A(6-12)MS



Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	22.6	17.0	25.6

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#87

Benzo(b)fluoranthene

Concen: 31.24 ng m

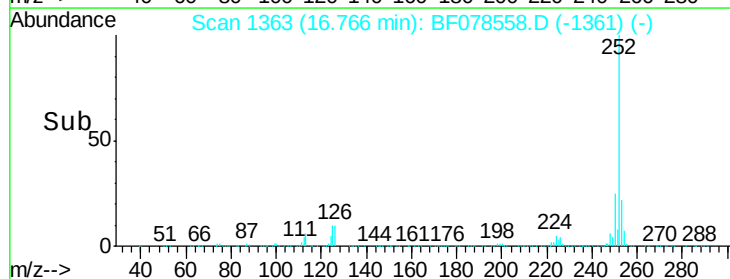
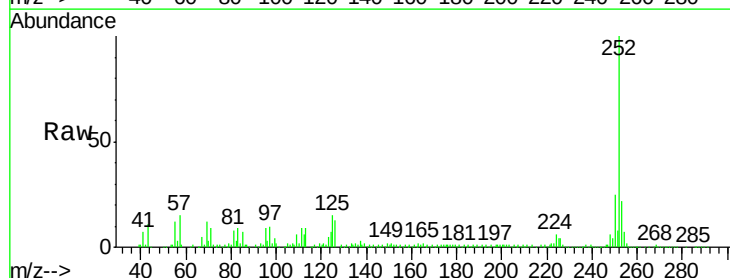
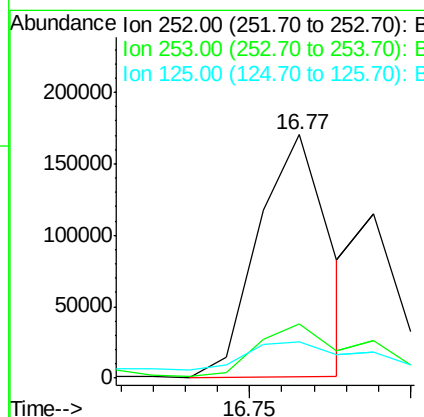
RT: 16.77 min Scan# 1363

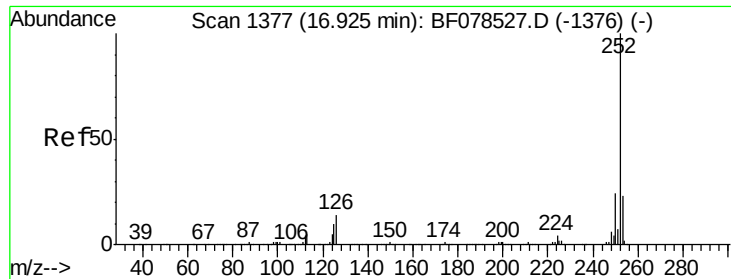
Delta R.T. -0.08 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	14.9	7.0	10.4





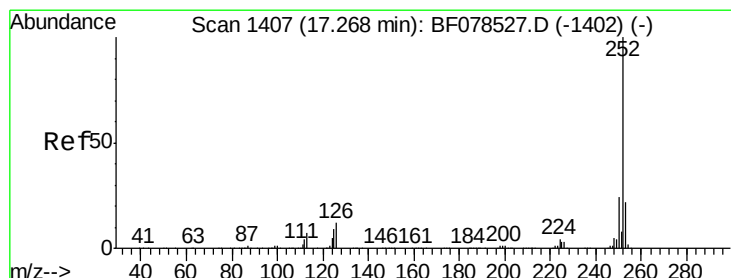
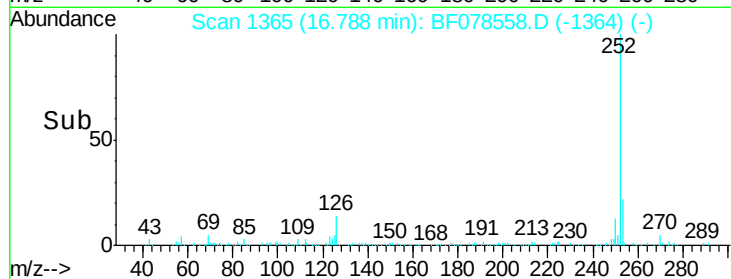
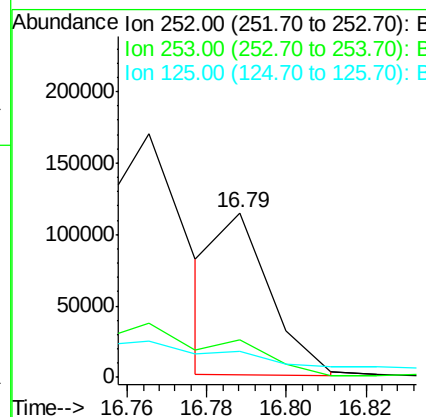
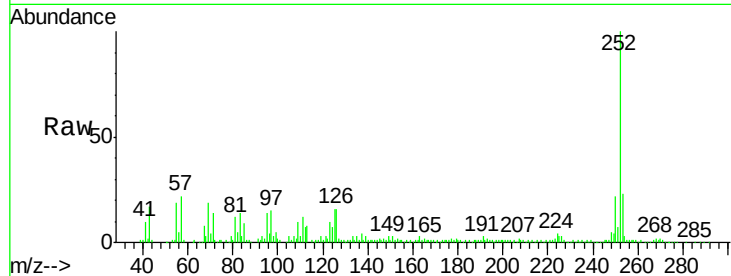
#88
Benzo(k)fluoranthene
Concen: 13.43 ng m
RT: 16.79 min Scan# 1365
Delta R.T. -0.09 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	15.5	11.6	17.4

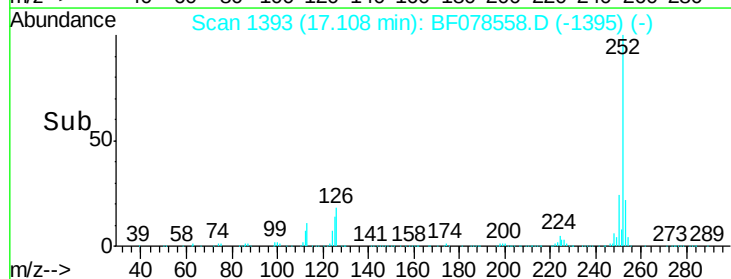
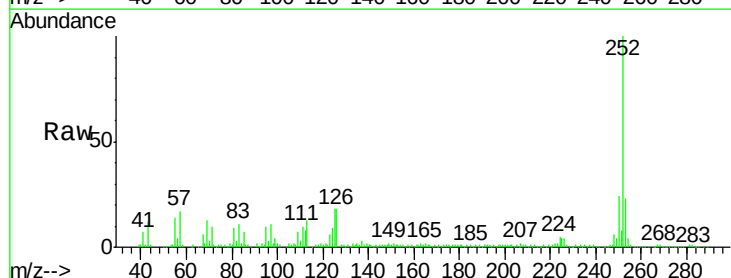
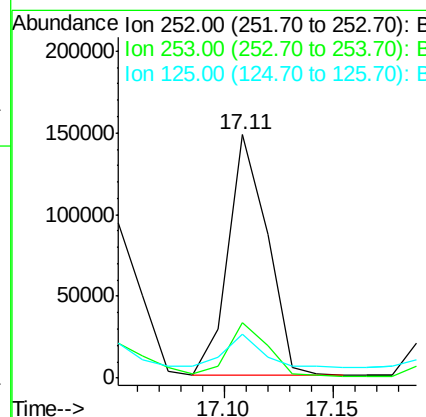
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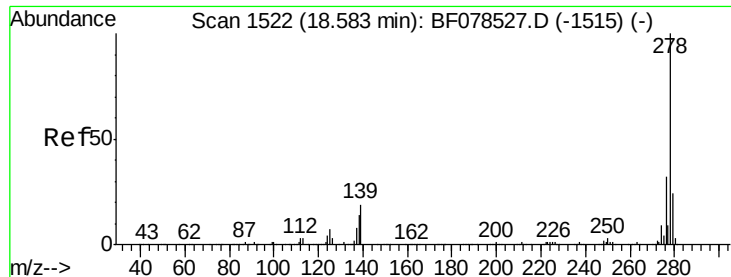
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#89
Benzo(a)pyrene
Concen: 25.00 ng
RT: 17.11 min Scan# 1393
Delta R.T. -0.13 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.8	25.2
125	18.0	7.4	11.0





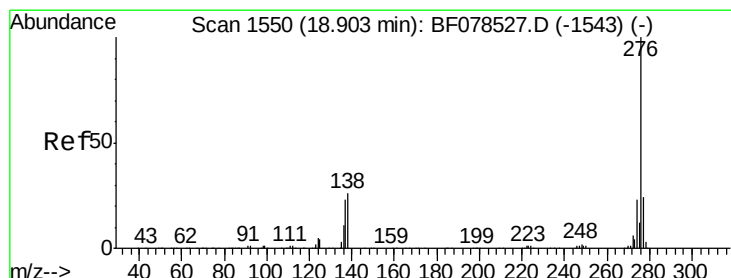
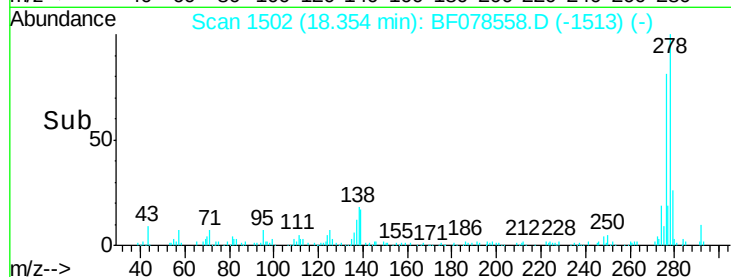
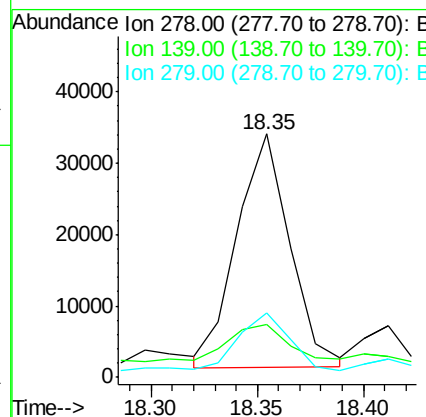
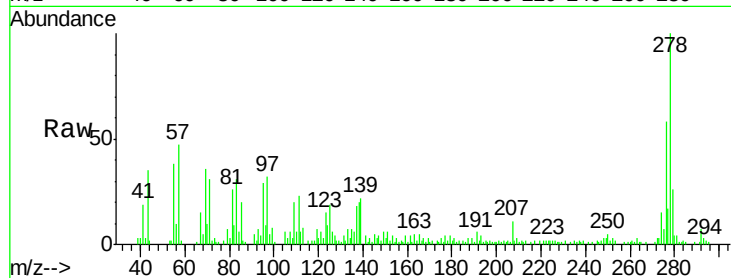
#90
Dibenzo(a,h)anthracene
Concen: 7.70 ng m
RT: 18.35 min Scan# 1502
Delta R.T. -0.23 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	13.6	20.4#
279	26.5	19.0	28.6

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#91
Benzo(g,h,i)perylene
Concen: 19.97 ng m
RT: 18.66 min Scan# 1529
Delta R.T. -0.22 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	24.3	19.9	29.9

