

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078559.D
 Acq On : 16 Apr 2015 2:38
 Operator : TP/IZ
 Sample : G1854-04MSD 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations
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 4/16/2015 3:31:22 PM

Quant Time: Apr 16 10:49:09 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	32948	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	132204	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	64941	20.00	ng	0.01
63) Phenanthrene-d10	12.27	188	121115	20.00	ng	0.00
75) Chrysene-d12	15.53	240	131940	20.00	ng	0.00
86) Perylene-d12	17.21	264	129788	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	4.95	112	46976	23.51	ng	0.01
7) Phenol-d6	6.32	99	62486	24.95	ng	0.01
23) Nitrobenzene-d5	7.42	82	39361	18.05	ng	0.00
41) 2,4,6-Tribromophenol	11.43	330	13560	25.18	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	72116	15.87	ng	0.00
78) Terphenyl-d14	14.27	244	82430	14.12	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.50	88	4899	5.42	ng	# 23
3) Pyridine	2.08	79	16742	7.07	ng	94
4) n-Nitrosodimethylamine	2.00	42	7308m	8.02	ng	
6) Aniline	6.31	93	13473	3.79	ng	# 88
8) 2-Chlorophenol	6.44	128	18683	7.91	ng	97
9) Benzaldehyde	6.15	77	5032	3.03	ng	# 83
10) Phenol	6.34	94	23524	7.84	ng	93
11) bis(2-Chloroethyl)ether	6.41	93	18254	8.46	ng	91
12) 1,3-Dichlorobenzene	6.63	146	19574	7.54	ng	96
13) 1,4-Dichlorobenzene	6.73	146	20080	7.69	ng	98
14) 1,2-Dichlorobenzene	6.91	146	18835	7.69	ng	# 90
15) Benzyl Alcohol	6.92	79	17181	9.76	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	22728	7.90	ng	# 3
17) 2-Methylphenol	7.10	107	14504	7.91	ng	# 92
18) Hexachloroethane	7.34	117	7701	8.74	ng	# 1
19) n-Nitroso-di-n-propylamine	7.26	70	16863	10.21	ng	# 93
20) 3+4-Methylphenols	7.29	107	19943	8.15	ng	97
22) Acetophenone	7.23	105	33253	10.80	ng	# 89
24) Nitrobenzene	7.44	77	17546	7.70	ng	# 84
25) Isophorone	7.75	82	35059	8.47	ng	# 91
26) 2-Nitrophenol	7.84	139	7677	7.07	ng	# 1
27) 2,4-Dimethylphenol	7.93	122	16853	8.34	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	25073	9.45	ng	# 78
29) 2,4-Dichlorophenol	8.16	162	17144	9.33	ng	94
30) 1,2,4-Trichlorobenzene	8.24	180	16118	7.65	ng	96
31) Naphthalene	8.32	128	80986	11.77	ng	99
33) 4-Chloroaniline	8.42	127	13977	4.89	ng	# 87
34) Hexachlorobutadiene	8.48	225	8724	7.54	ng	97
36) 4-Chloro-3-methylphenol	9.05	107	17905	9.65	ng	# 89
37) 2-Methylnaphthalene	9.18	142	74653	15.98	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	9.39	216	14968	7.44	ng	# 86
42) 2,4,6-Trichlorophenol	9.54	196	11243	8.86	ng	96
43) 2,4,5-Trichlorophenol	9.60	196	11641	8.78	ng	# 44
45) 1,1'-Biphenyl	9.76	154	47900	9.02	ng	97

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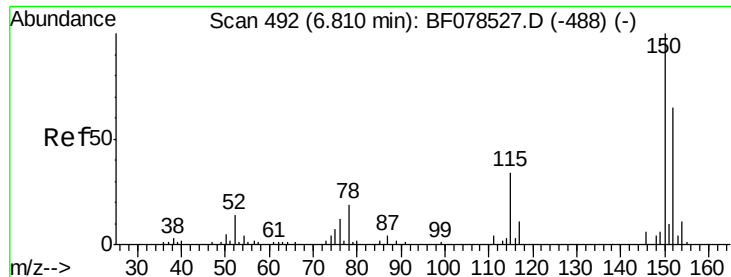
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.78	162	33354	7.98	ng	96
47) 2-Nitroaniline	9.92	65	10631	10.28	ng	# 68
48) Acenaphthylene	10.28	152	67128	9.95	ng	# 85
49) Dimethylphthalate	10.17	163	40675	8.34	ng	# 96
50) 2,6-Dinitrotoluene	10.24	165	9253	9.22	ng	93
51) Acenaphthene	10.49	154	49603	13.05	ng	96
52) 3-Nitroaniline	10.43	138	13717	12.02	ng	# 90
54) Dibenzofuran	10.71	168	62991	10.85	ng	89
56) 2,4-Dinitrotoluene	10.73	165	15371	11.82	ng	# 85
57) Fluorene	11.13	166	76514	16.26	ng	# 94
58) 2,3,4,6-Tetrachlorophenol	10.88	232	8877	9.03	ng	# 43
59) Diethylphthalate	11.04	149	38280	8.14	ng	95
60) 4-Chlorophenyl-phenylether	11.15	204	21565	9.96	ng	# 68
61) 4-Nitroaniline	11.18	138	11390	9.87	ng	82
62) Azobenzene	11.35	77	43675	10.17	ng	# 54
65) n-Nitrosodiphenylamine	11.30	169	105713	25.23	ng	# 78
66) 4-Bromophenyl-phenylether	11.75	248	10163	7.92	ng	# 77
67) Hexachlorobenzene	11.81	284	10584	7.53	ng	# 78
68) Atrazine	11.99	200	14297	11.78	ng	88
69) Pentachlorophenol	12.07	266	8922	20.69	ng	98
70) Phenanthrene	12.31	178	236872	33.81	ng	99
71) Anthracene	12.37	178	100789m	14.60	ng	
72) Carbazole	12.58	167	69899	10.80	ng	# 82
73) Di-n-butylphthalate	13.06	149	63324	8.64	ng	# 93
74) Fluoranthene	13.77	202	293306	39.70	ng	94
77) Pyrene	14.05	202	309195	37.33	ng	97
79) Butylbenzylphthalate	14.90	149	29276	9.27	ng	# 86
80) Benzo(a)anthracene	15.52	228	199007	25.35	ng	97
81) 3,3'-Dichlorobenzidine	15.52	252	12749	4.85	ng	# 91
82) Chrysene	15.57	228	172321	23.36	ng	98
83) Bis(2-ethylhexyl)phthalate	15.62	149	43661	8.82	ng	# 98
84) Di-n-octyl phthalate	16.40	149	73115	8.99	ng	# 100
85) Indeno(1,2,3-cd)pyrene	18.40	276	149686m	17.89	ng	
87) Benzo(b)fluoranthene	16.79	252	228421	28.48	ng	# 91
88) Benzo(k)fluoranthene	16.81	252	113895m	15.98	ng	
89) Benzo(a)pyrene	17.14	252	172047	24.58	ng	# 86
90) Dibenzo(a,h)anthracene	18.42	278	74901m	10.69	ng	
91) Benzo(g,h,i)perylene	18.73	276	148561m	21.14	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

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BNA_F

ClientSampleId :

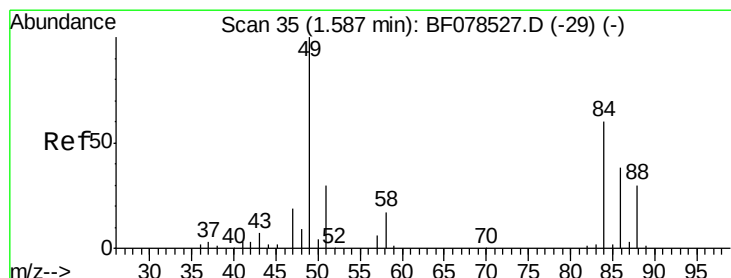
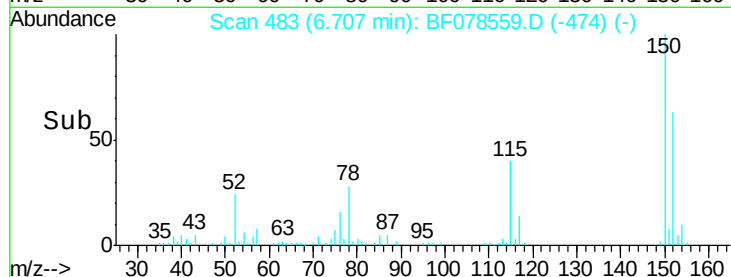
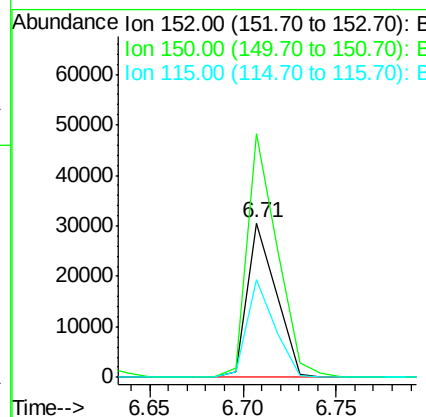
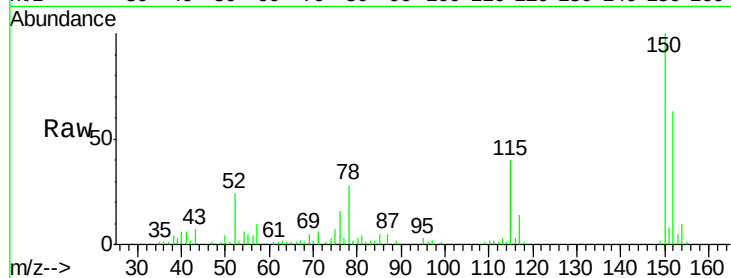
LS-SB11A(6-12)MSD

Manual Integrations
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Tgt Ion:	152	Resp:	32948
Ion Ratio	Lower	Upper	
152	100		
150	157.8	125.9	188.9
115	63.2	52.7	79.1



#2

1,4-Dioxane

Concen: 5.42 ng

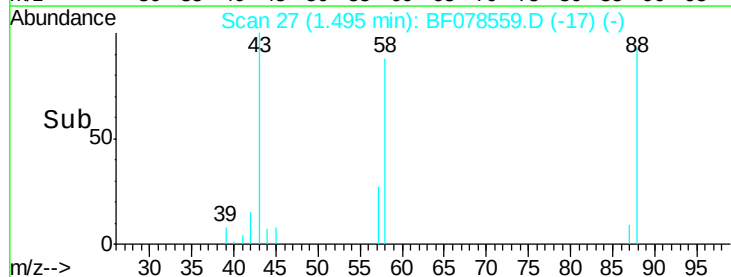
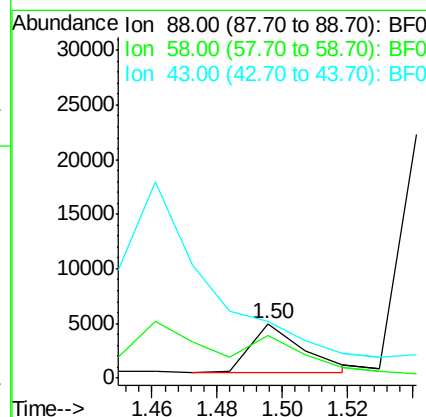
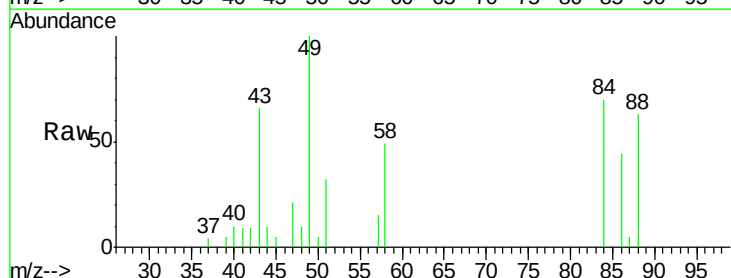
RT: 1.50 min Scan# 27

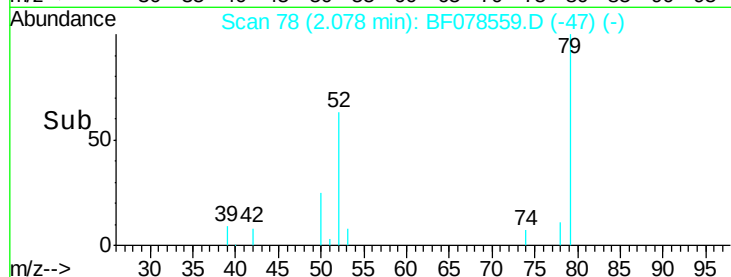
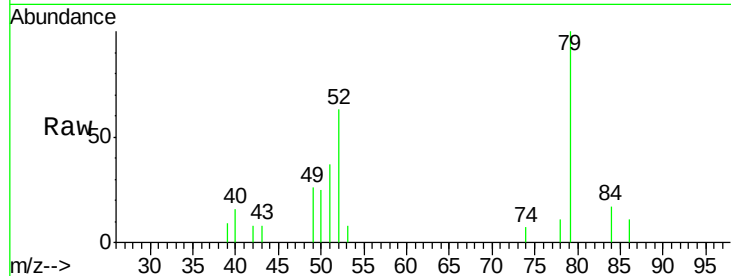
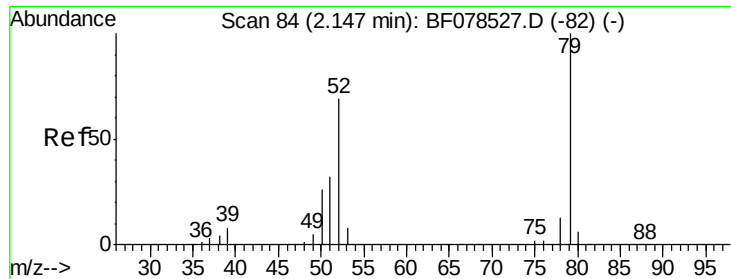
Delta R.T. 0.01 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion:	88	Resp:	4899
Ion Ratio	Lower	Upper	
88	100		
58	0.0	56.9	85.3#
43	0.0	21.4	32.2#





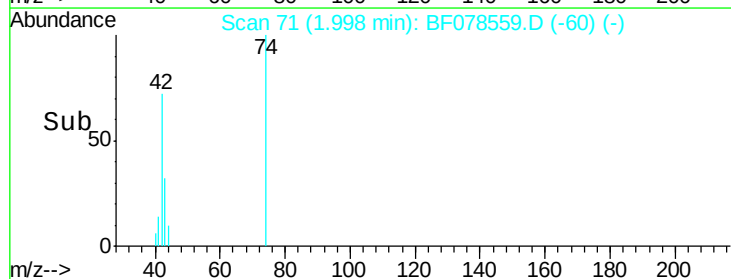
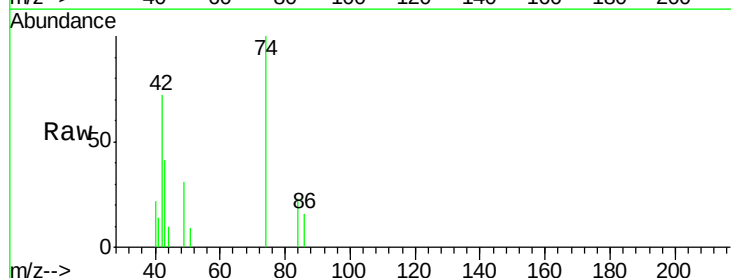
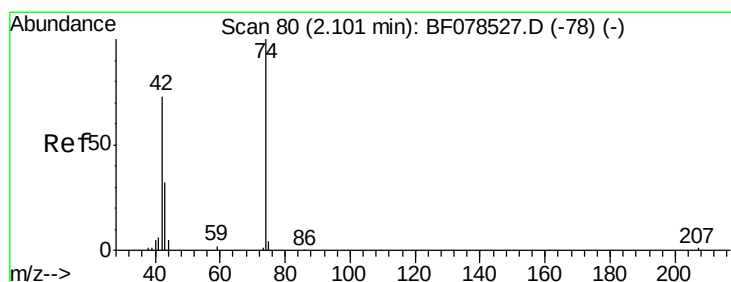
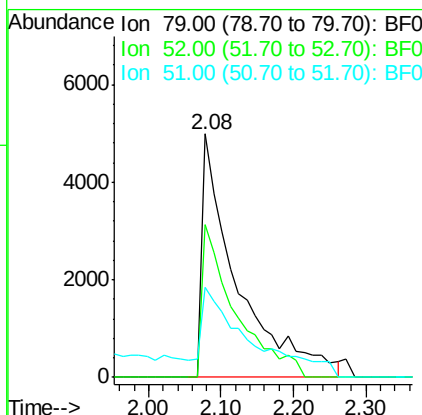
#3
Pyridine
Concen: 7.07 ng
RT: 2.08 min Scan# 78
Delta R.T. 0.06 min
Lab File: BF078559.D
Acq: 16 Apr 2015 2:38

Tgt Ion:	79	Resp:	16742
Ion Ratio	Lower	Upper	
79	100		
52	62.8	52.4	78.6
51	36.7	24.9	37.3

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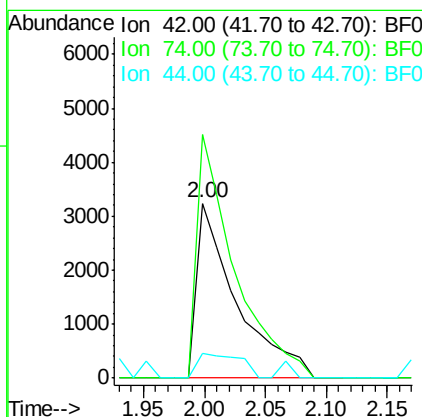
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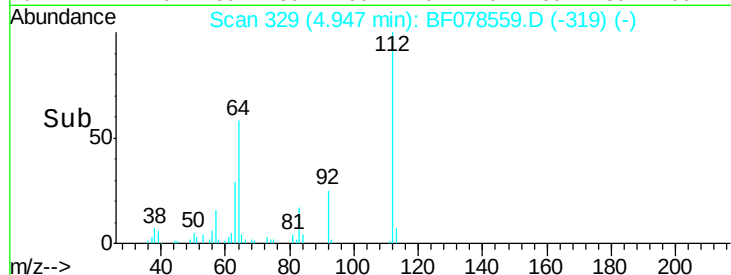
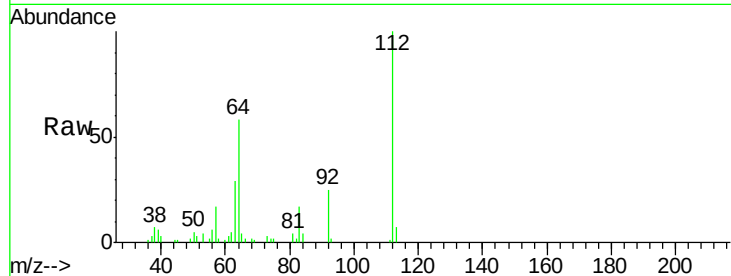
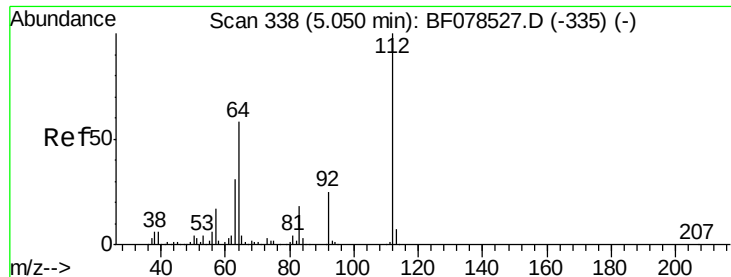
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#4
n-Nitrosodimethylamine
Concen: 8.02 ng m
RT: 2.00 min Scan# 71
Delta R.T. 0.02 min
Lab File: BF078559.D
Acq: 16 Apr 2015 2:38

Tgt Ion:	42	Resp:	7308
Ion Ratio	Lower	Upper	
42	100		
74	139.5	118.7	178.1
44	14.4	5.9	8.9#





#5

2-Fluorophenol

Concen: 23.51 ng

RT: 4.95 min Scan# 329

Delta R.T. 0.01 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

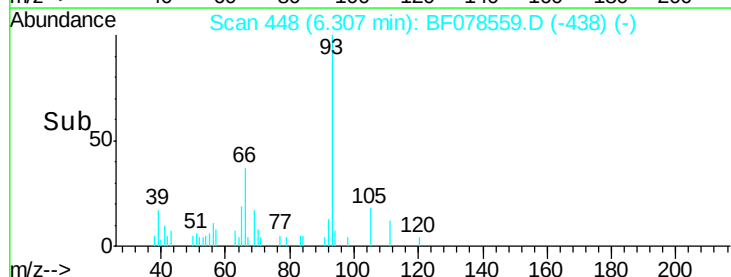
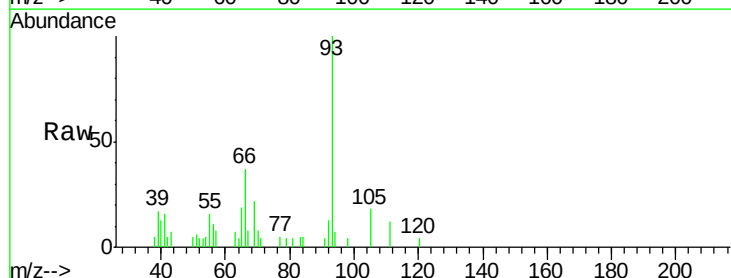
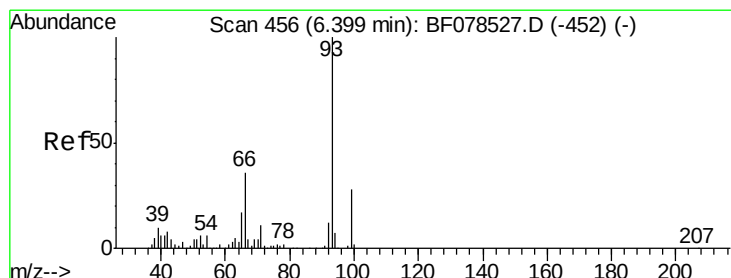
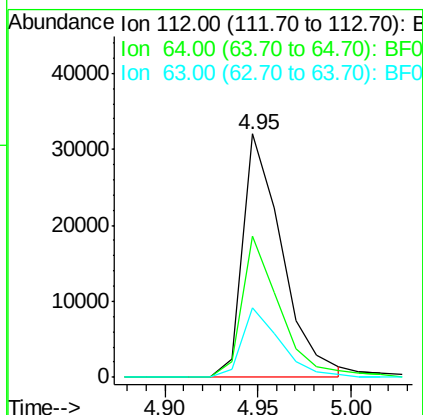
ClientSampleId :

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Manual Integrations
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	46976		
64	57.8	39.9	59.9	
63	28.8	20.2	30.4	



#6

Aniline

Concen: 3.79 ng

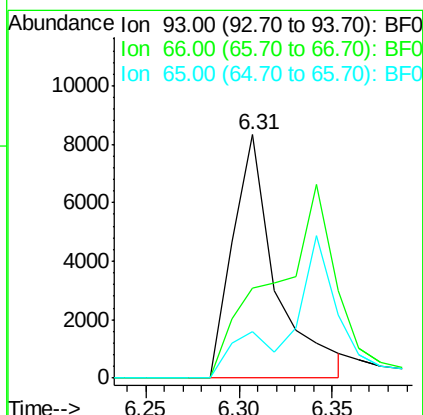
RT: 6.31 min Scan# 448

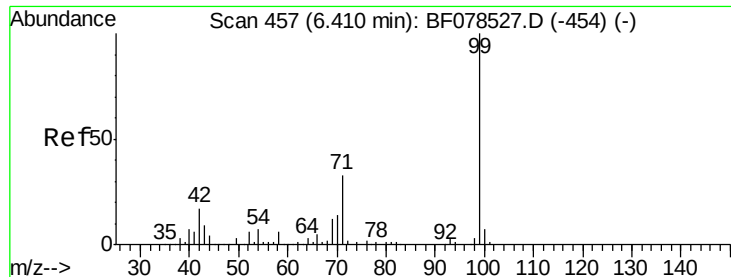
Delta R.T. 0.01 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	13473		
66	36.9	38.0	57.0#	
65	19.0	16.3	24.5	





#7

Phenol-d6

Concen: 24.95 ng

RT: 6.32 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

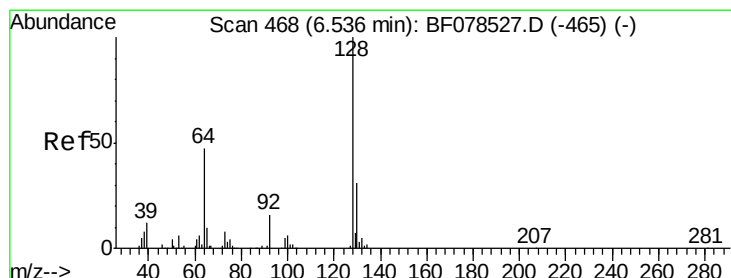
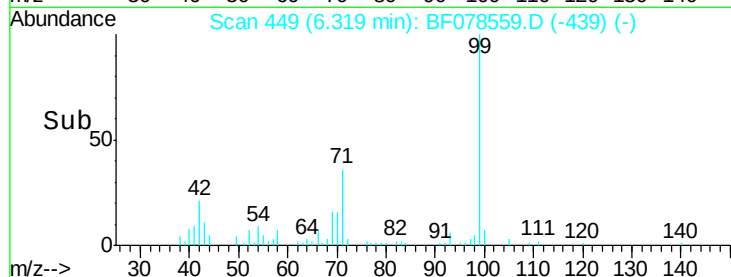
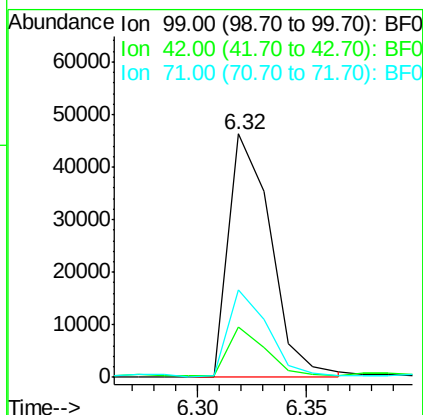
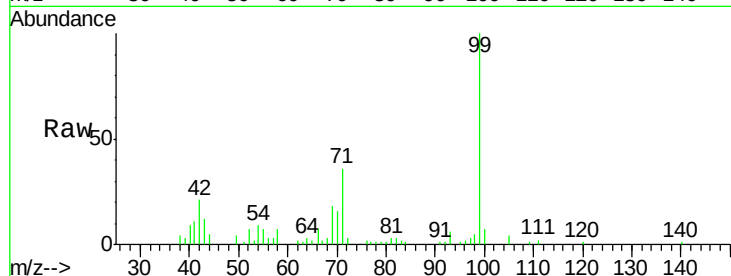
ClientSampleId :

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Tgt Ion:	99	Resp:	62486
Ion Ratio	Lower	Upper	
99	100		
42	20.9	14.8	22.2
71	35.8	26.6	39.8

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#8

2-Chlorophenol

Concen: 7.91 ng

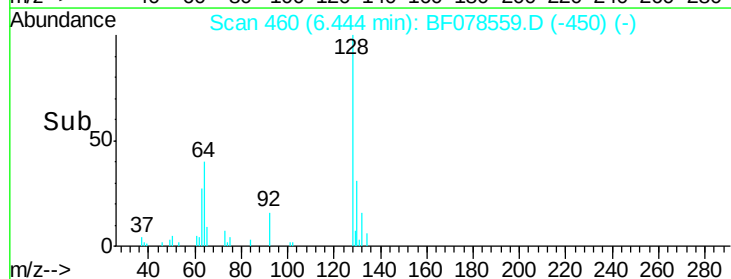
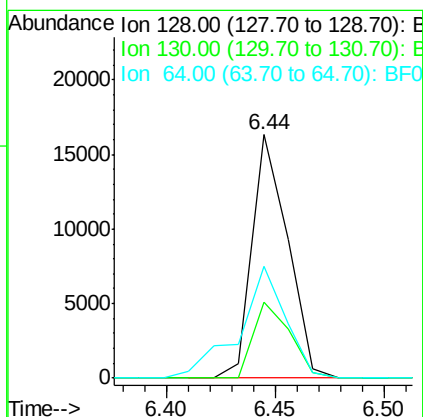
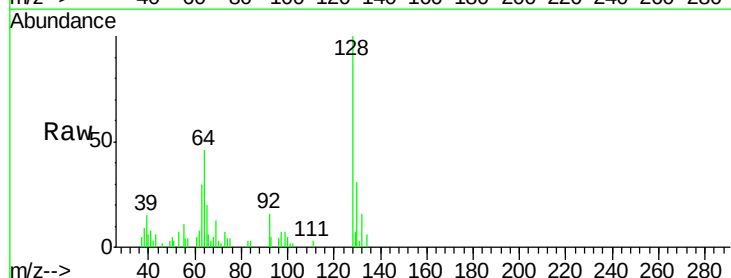
RT: 6.44 min Scan# 460

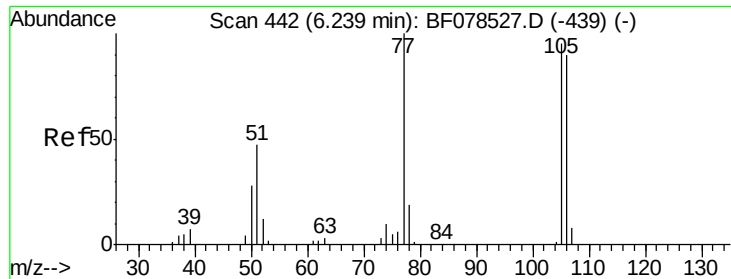
Delta R.T. 0.01 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion:	128	Resp:	18683
Ion Ratio	Lower	Upper	
128	100		
130	31.2	12.3	52.3
64	46.0	23.8	63.8





#9

Benzaldehyde

Concen: 3.03 ng

RT: 6.15 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

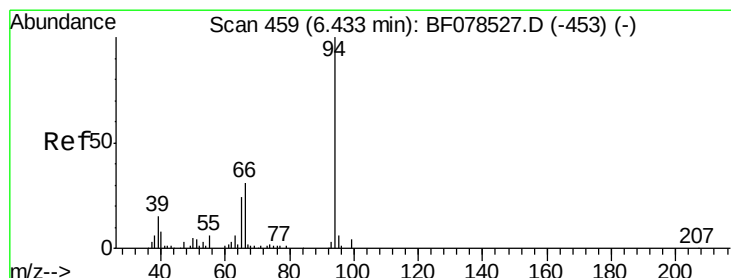
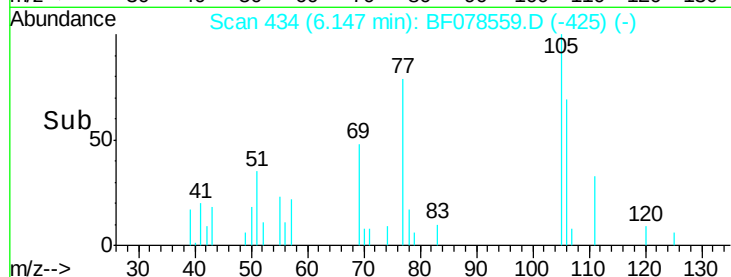
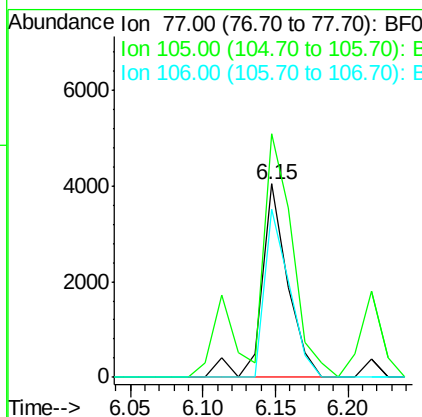
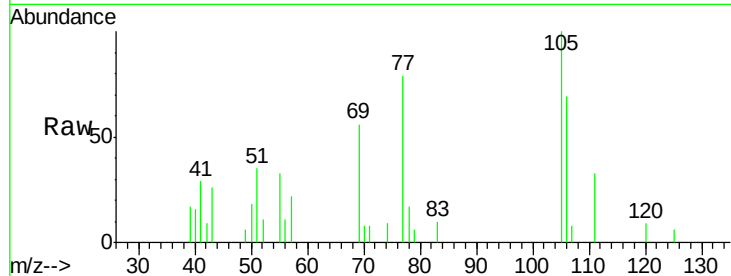
LS-SB11A(6-12)MSD

Tgt Ion: 77 Resp: 5032

Ion	Ratio	Lower	Upper
77	100		
105	126.0	85.4	125.4#
106	86.7	80.8	120.8

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#10

Phenol

Concen: 7.84 ng

RT: 6.34 min Scan# 451

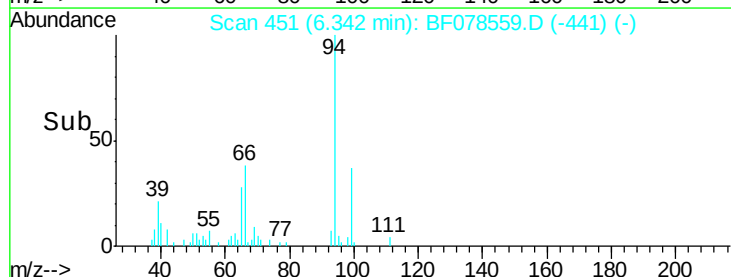
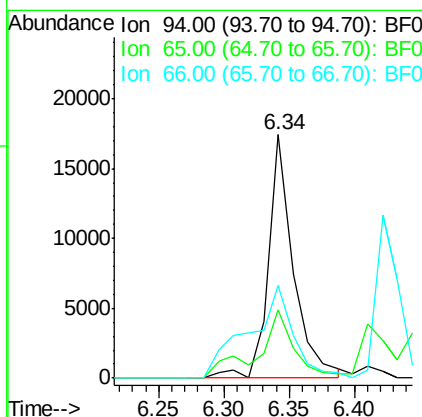
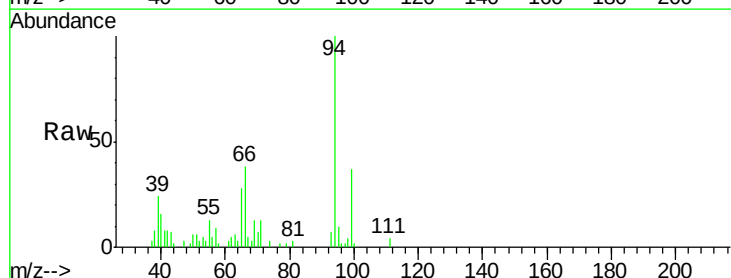
Delta R.T. 0.01 min

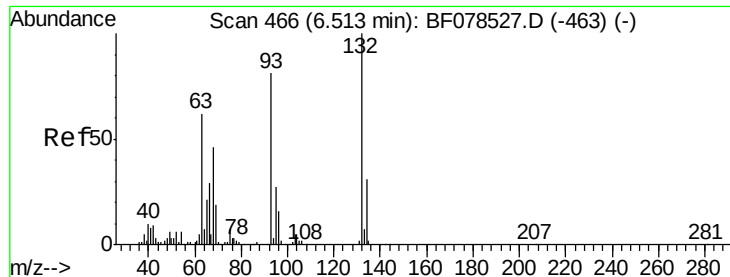
Lab File: BF078559.D

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Tgt Ion: 94 Resp: 23524

Ion	Ratio	Lower	Upper
94	100		
65	28.1	4.9	44.9
66	38.1	13.8	53.8





#11

bis(2-Chloroethyl)ether

Concen: 8.46 ng

RT: 6.41 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

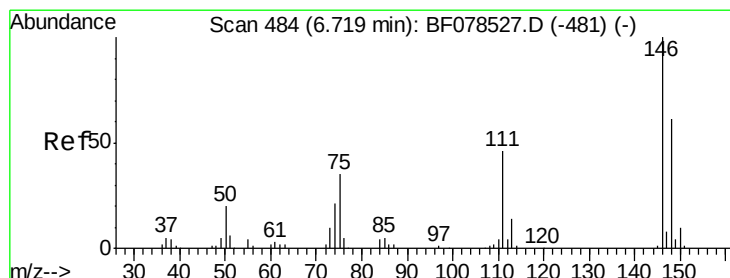
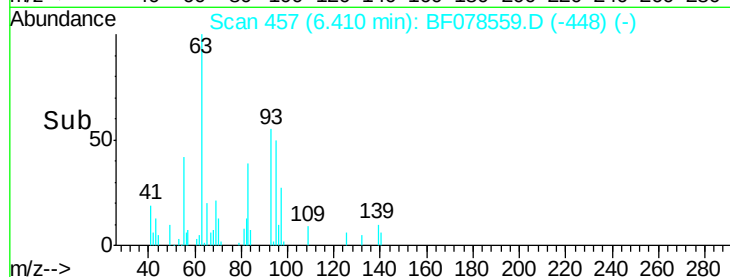
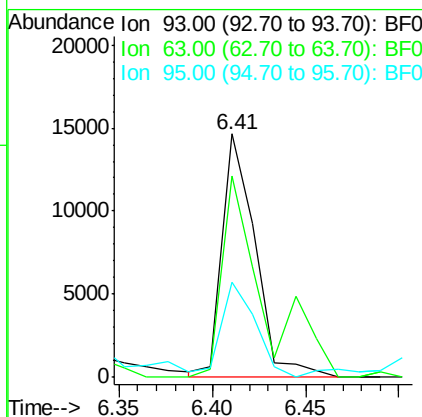
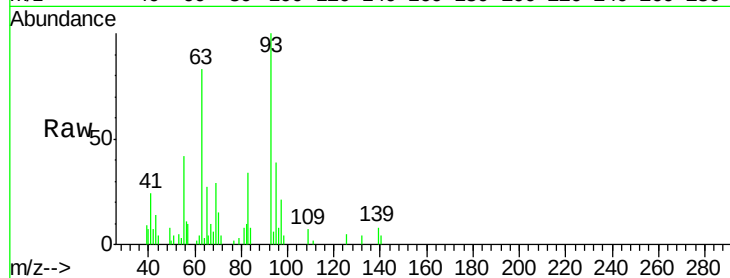
ClientSampleId :

LS-SB11A(6-12)MSD

Tgt Ion:	93	Resp:	18254
Ion Ratio	Lower	Upper	
93	100		
63	82.5	54.6	94.6
95	39.1	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 7.54 ng

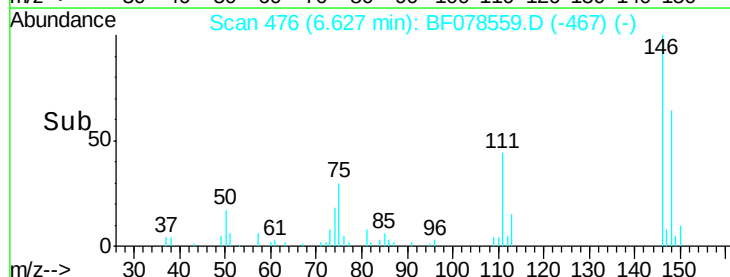
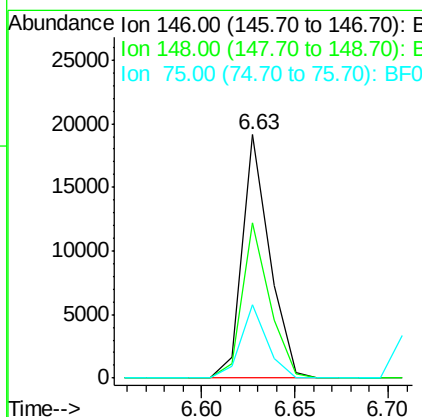
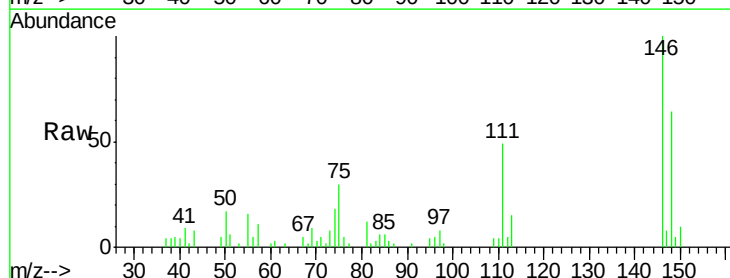
RT: 6.63 min Scan# 476

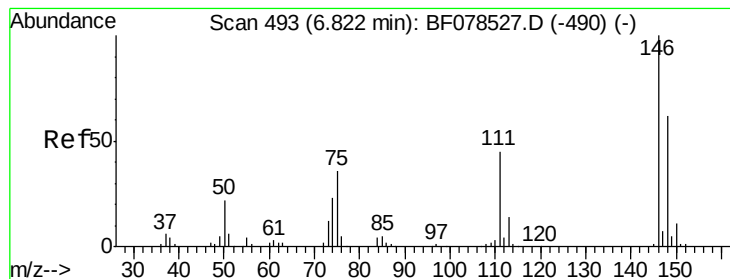
Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion:	146	Resp:	19574
Ion Ratio	Lower	Upper	
146	100		
148	63.9	49.1	73.7
75	29.9	26.6	40.0





#13

1,4-Dichlorobenzene

Concen: 7.69 ng

RT: 6.73 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

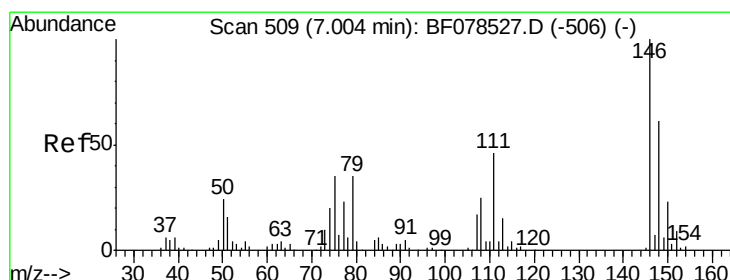
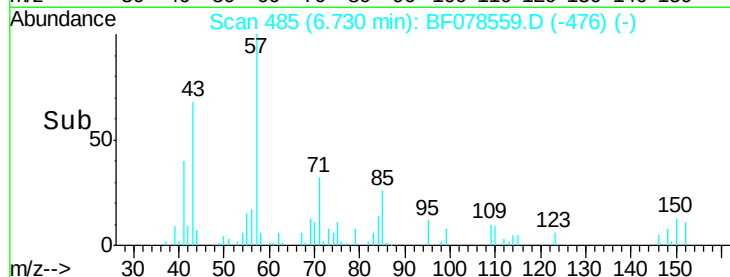
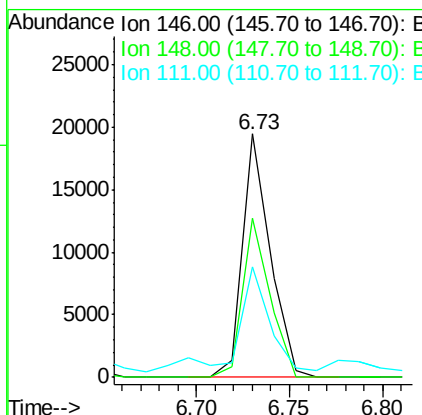
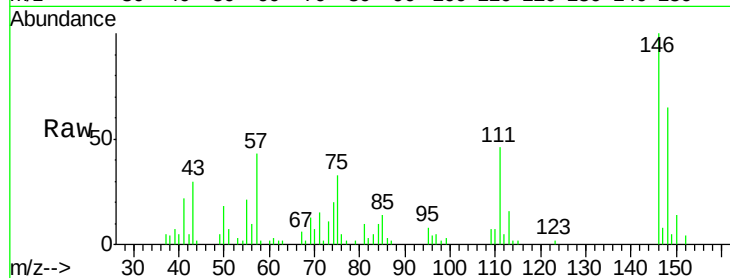
ClientSampleId :

LS-SB11A(6-12)MSD

Tgt Ion:	146	Resp:	20080
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.4	77.0
111	45.6	35.0	52.4

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#14

1,2-Dichlorobenzene

Concen: 7.69 ng

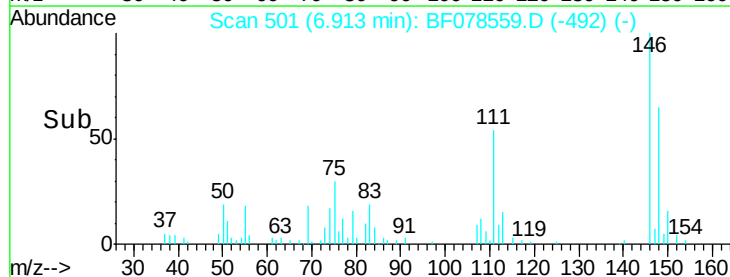
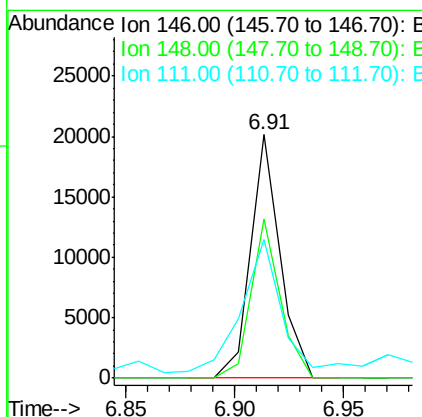
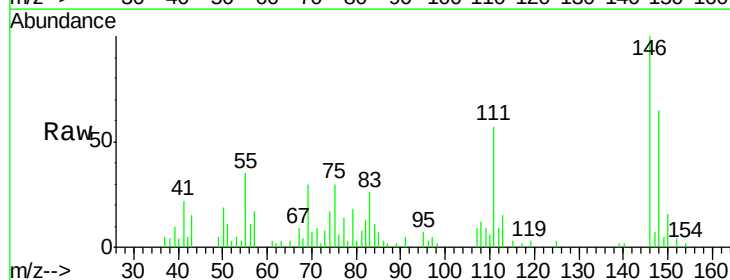
RT: 6.91 min Scan# 501

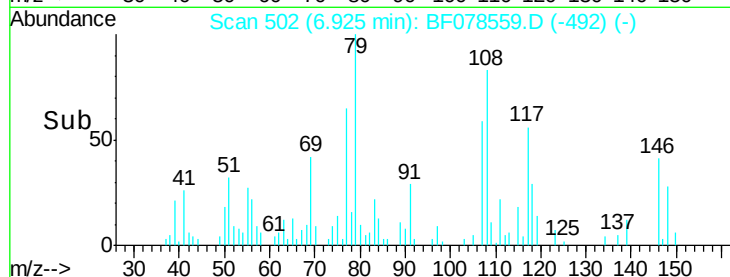
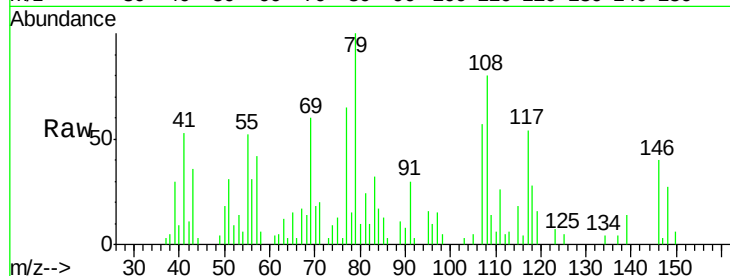
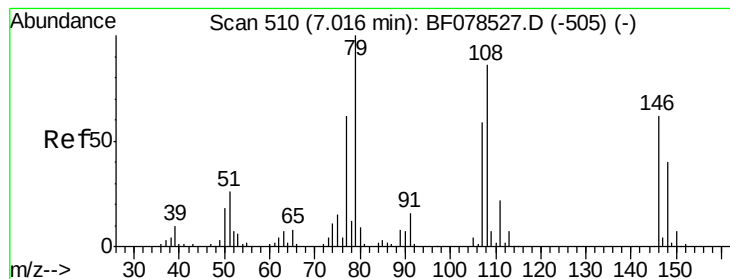
Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion:	146	Resp:	18835
Ion Ratio	Lower	Upper	
146	100		
148	65.3	50.2	75.4
111	57.2	36.1	54.1#





#15

Benzyl Alcohol

Concen: 9.76 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion:	79	Resp:	17181
Ion Ratio	Lower	Upper	
79	100		
108	79.7	57.6	86.4
77	65.2	53.5	80.3

Instrument :

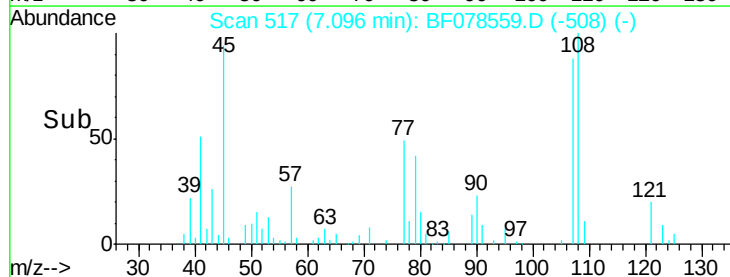
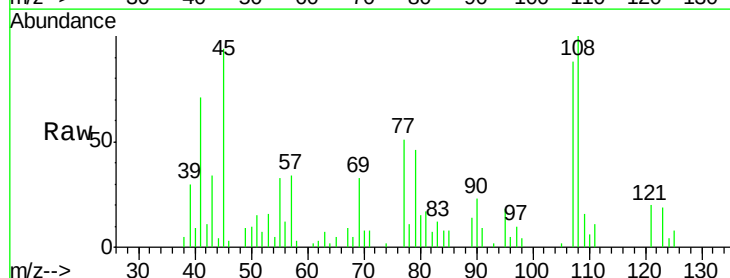
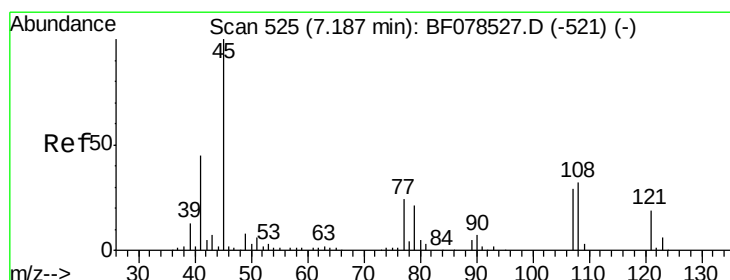
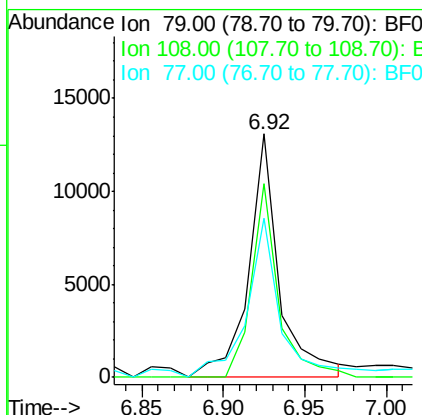
BNA_F

ClientSampleId :

LS-SB11A(6-12)MSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.90 ng

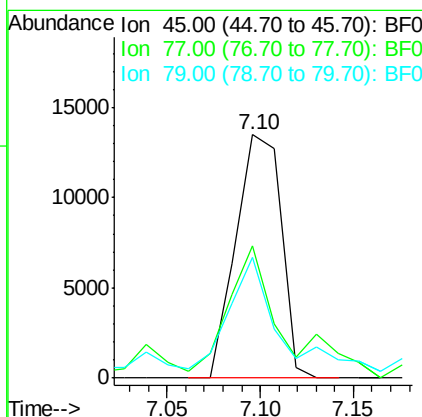
RT: 7.10 min Scan# 517

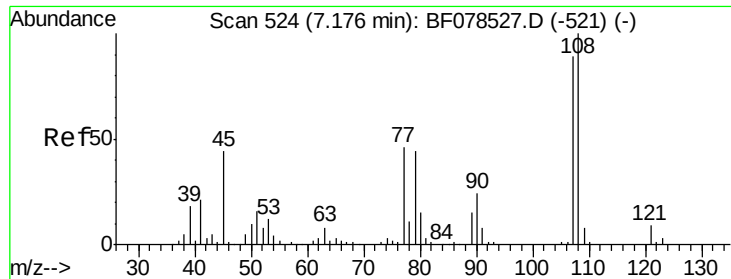
Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion:	45	Resp:	22728
Ion Ratio	Lower	Upper	
45	100		
77	54.3	0.0	34.5#
79	49.3	0.0	31.9#





#17

2-Methylphenol

Concen: 7.91 ng

RT: 7.10 min Scan# 517

Delta R.T. 0.01 min

Lab File: BF078559.D

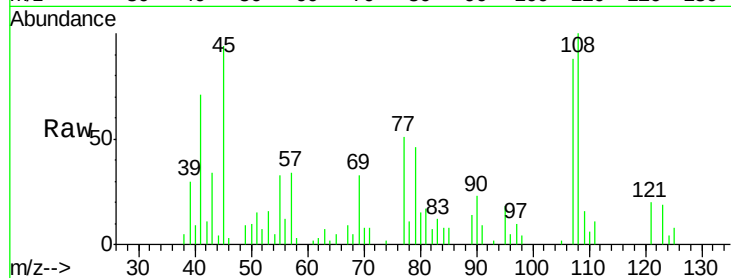
Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

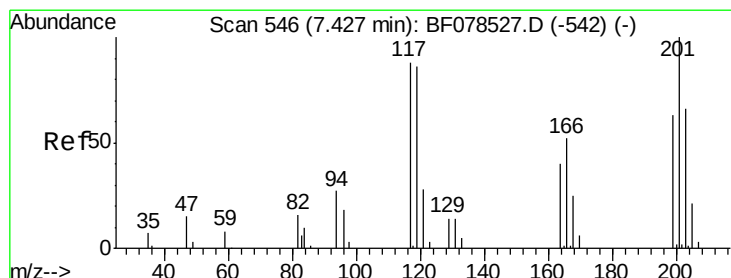
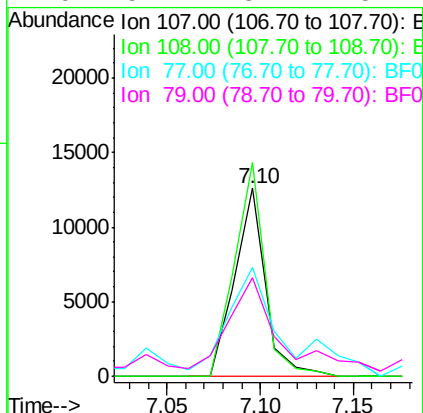
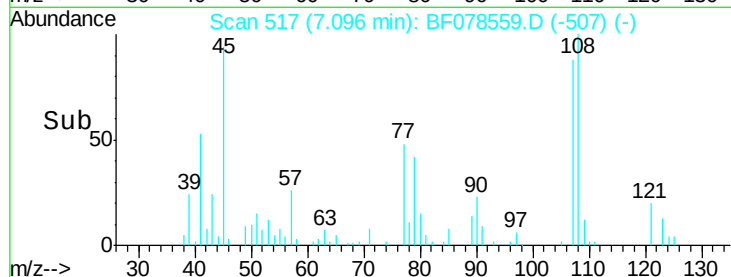
LS-SB11A(6-12)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	14504		
108	113.5	90.3	135.5	
77	58.1	35.5	53.3	
79	52.7	34.2	51.4	

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#18

Hexachloroethane

Concen: 8.74 ng

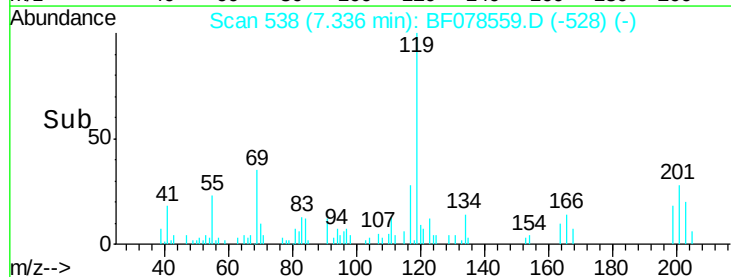
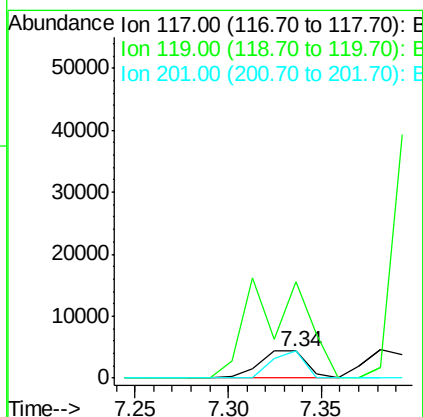
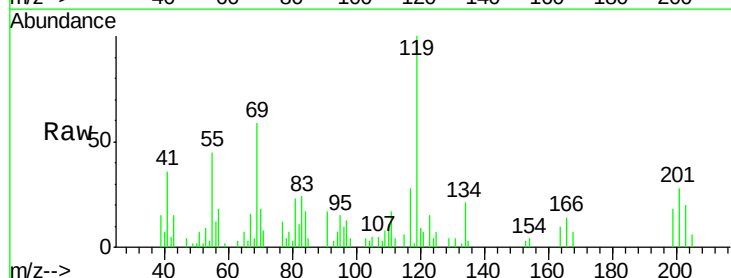
RT: 7.34 min Scan# 538

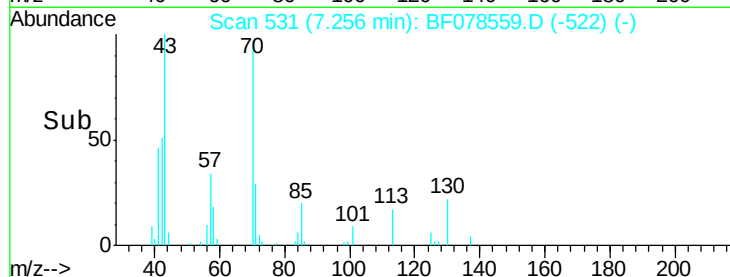
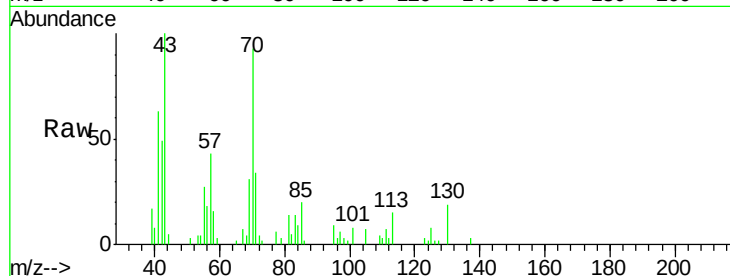
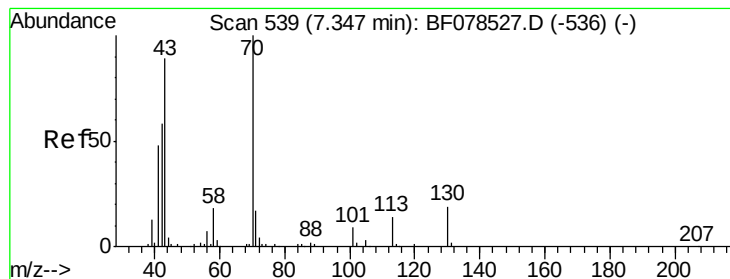
Delta R.T. 0.01 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	7701		
119	357.3	77.0	115.6	
201	100.7	98.1	147.1	





#19

n-Nitroso-di-n-propylamine

Concen: 10.21 ng

RT: 7.26 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

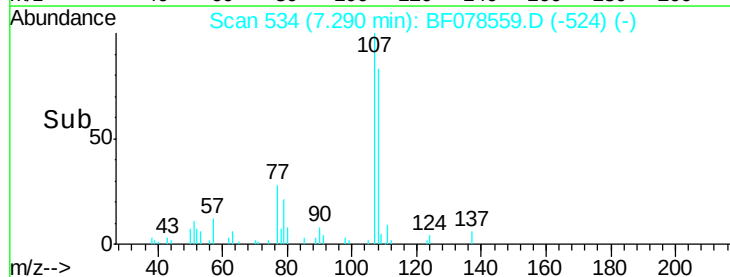
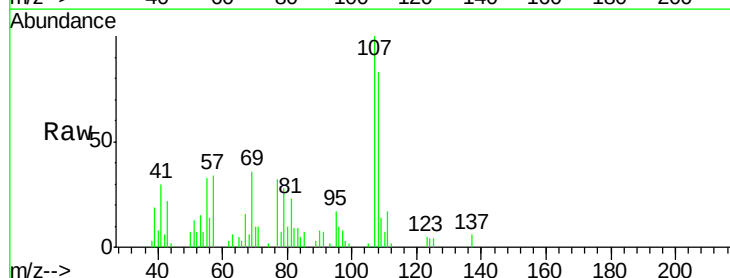
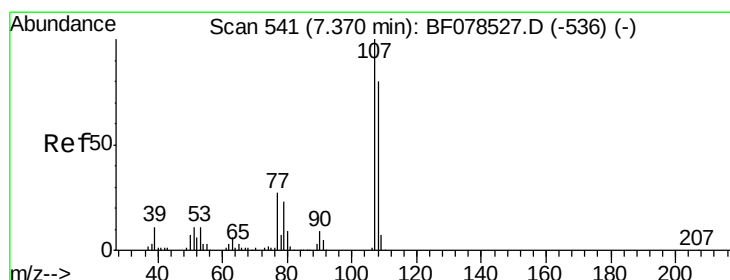
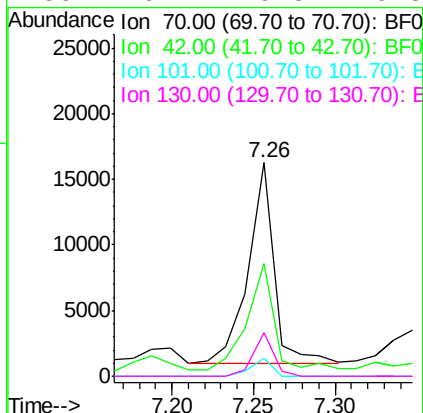
ClientSampleId :

LS-SB11A(6-12)MSD

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Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.6	38.9	58.3
101	8.1	8.3	12.5
130	20.2	19.8	29.8



#20

3+4-Methylphenols

Concen: 8.15 ng

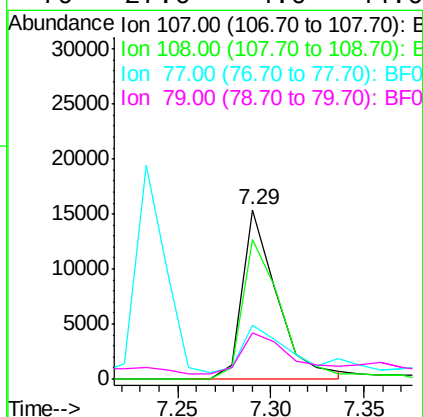
RT: 7.29 min Scan# 534

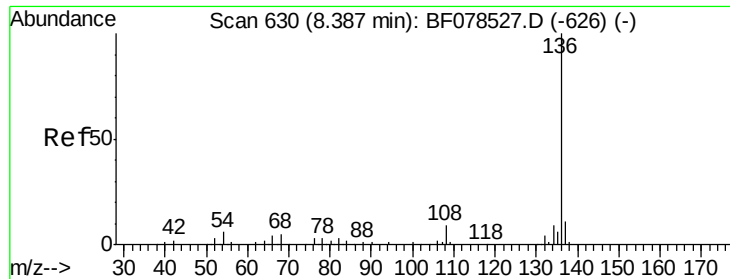
Delta R.T. 0.01 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.7	64.4	104.4
77	32.1	9.7	49.7
79	27.6	4.0	44.0





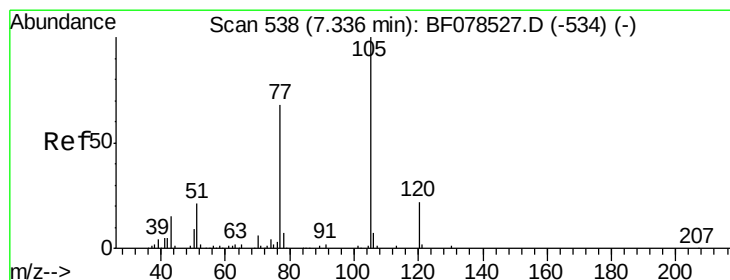
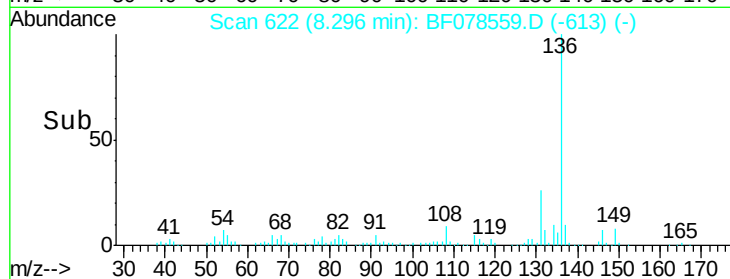
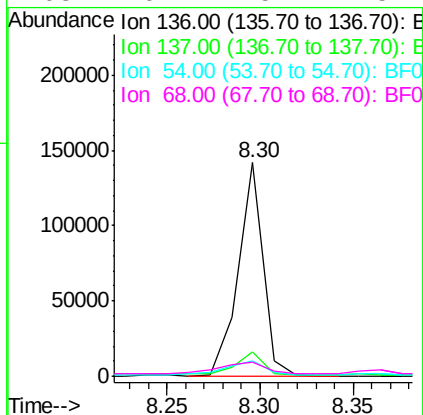
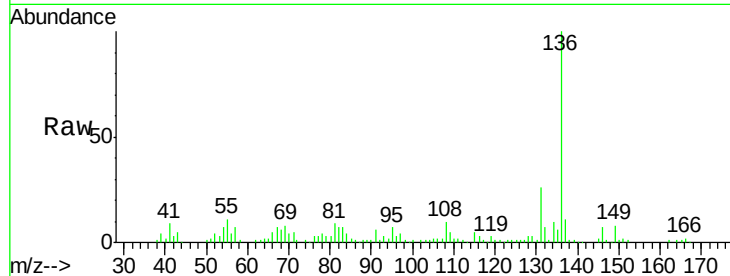
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF078559.D
Acq: 16 Apr 2015 2:38

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

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	132204		
137	11.3	9.0	13.4	
54	7.3	7.0	10.6	
68	6.4	5.4	8.2	

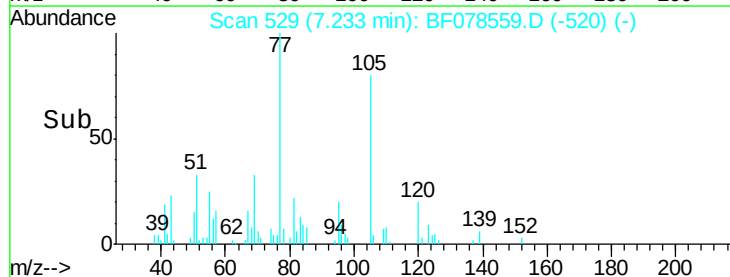
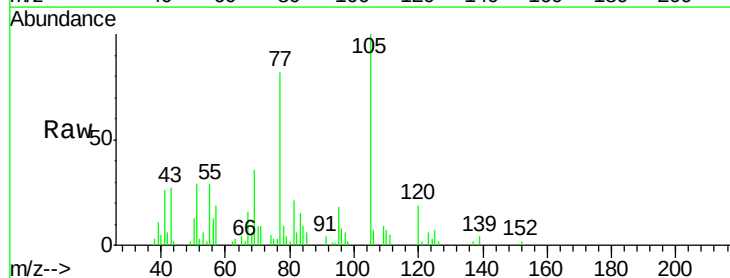
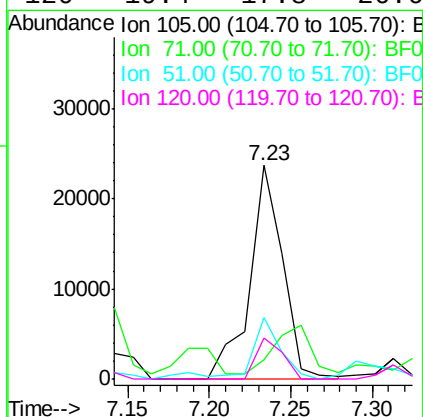
Manual Integrations
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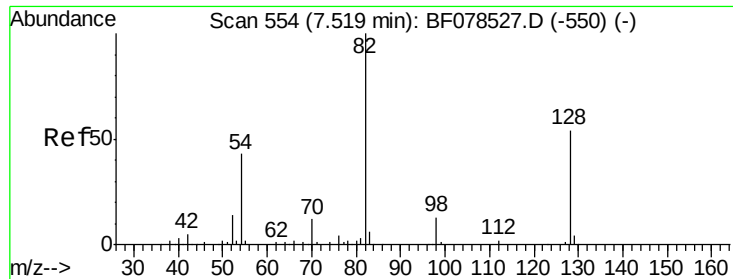
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#22
Acetophenone
Concen: 10.80 ng
RT: 7.23 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF078559.D
Acq: 16 Apr 2015 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	33253		
71	8.8	5.5	8.3#	
51	28.8	16.0	24.0#	
120	19.4	17.8	26.6	





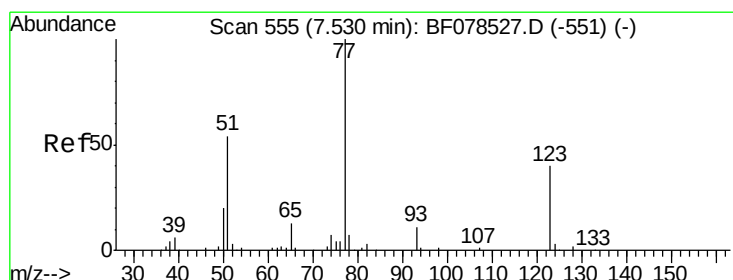
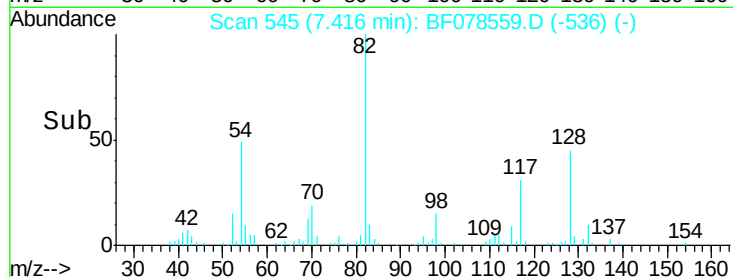
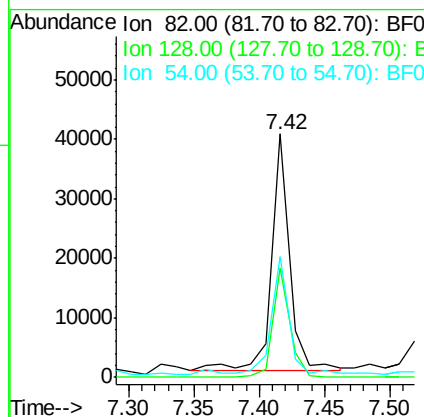
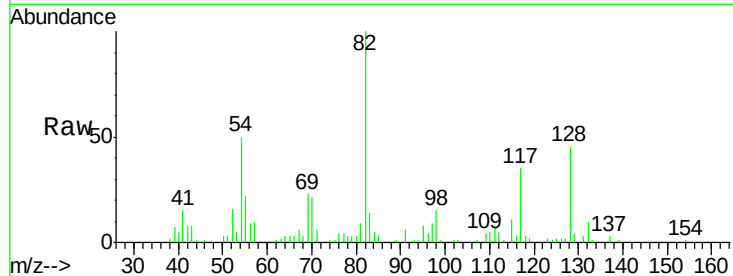
#23
Nitrobenzene-d5
Concen: 18.05 ng
RT: 7.42 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF078559.D
Acq: 16 Apr 2015 2:38

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

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	39361		
128	44.9	31.8	47.8	
54	49.7	41.5	62.3	

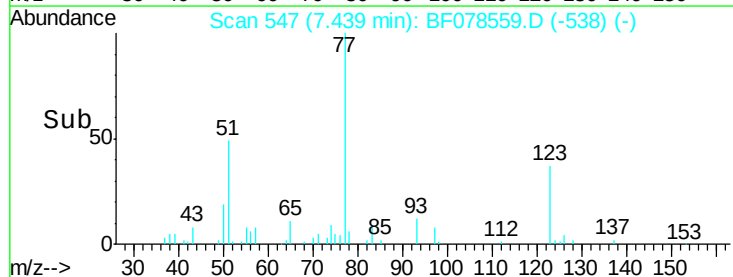
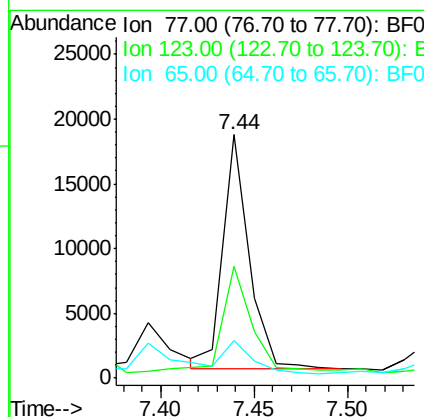
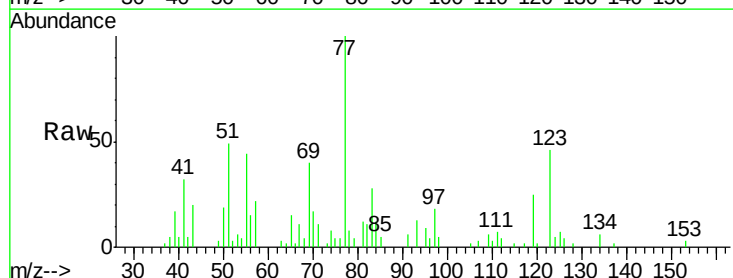
Manual Integrations
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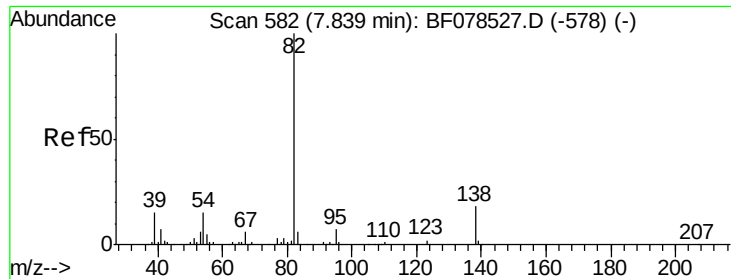
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#24
Nitrobenzene
Concen: 7.70 ng
RT: 7.44 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF078559.D
Acq: 16 Apr 2015 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	17546		
123	45.8	46.9	70.3#	
65	15.3	9.5	14.3#	





#25

Isophorone

Concen: 8.47 ng

RT: 7.75 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

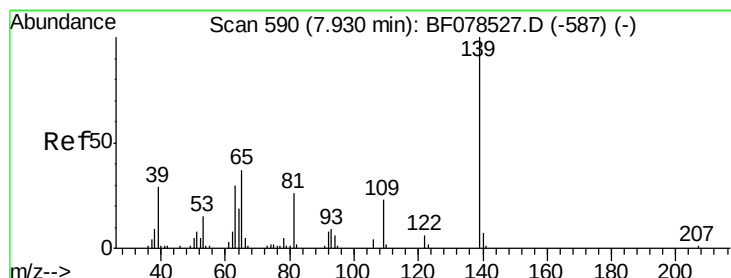
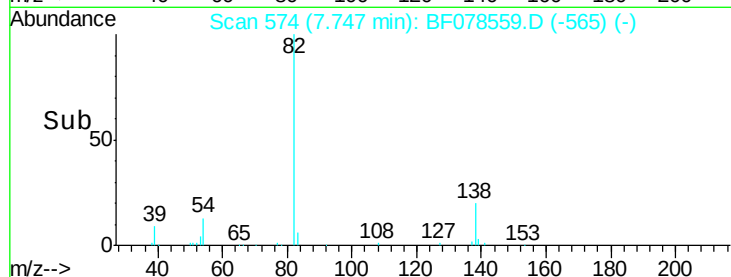
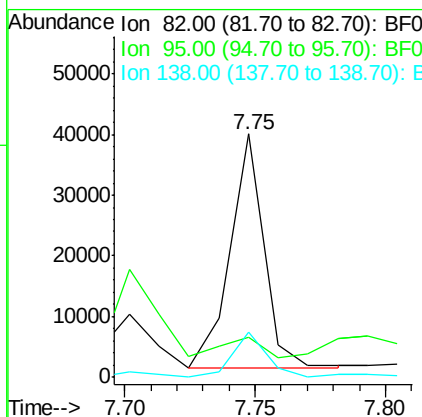
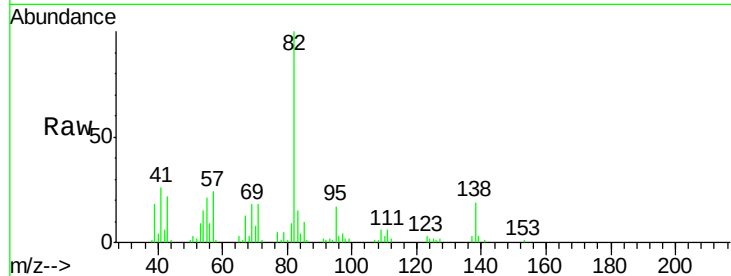
ClientSampleId :

LS-SB11A(6-12)MSD

Tgt Ion:	82	Resp:	35059
Ion Ratio	Lower	Upper	
82	100		
95	16.6	5.7	8.5#
138	18.6	15.8	23.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 7.07 ng

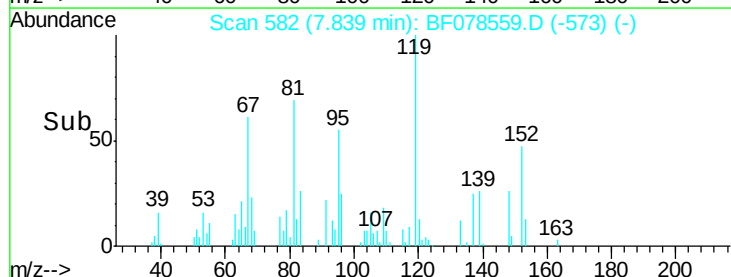
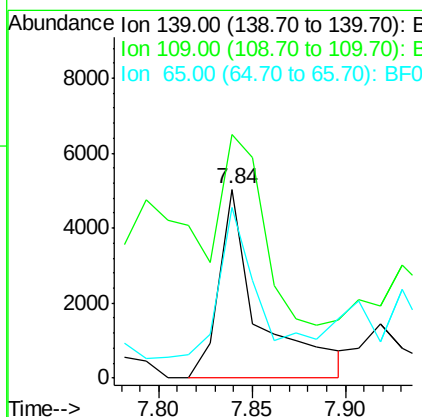
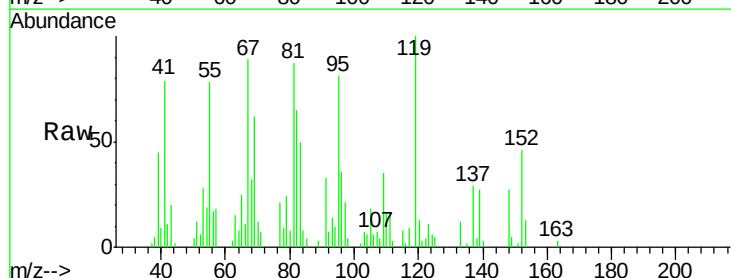
RT: 7.84 min Scan# 582

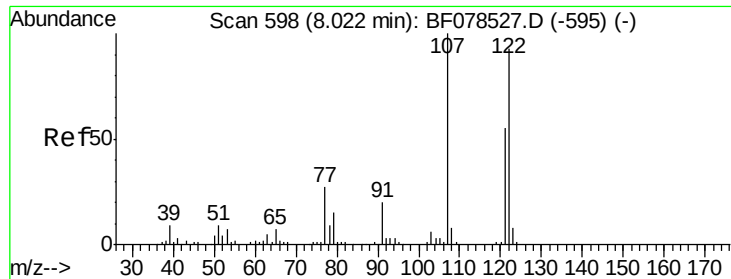
Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion:	139	Resp:	7677
Ion Ratio	Lower	Upper	
139	100		
109	128.9	19.8	29.8#
65	90.5	32.7	49.1#





#27

2,4-Dimethylphenol

Concen: 8.34 ng

RT: 7.93 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

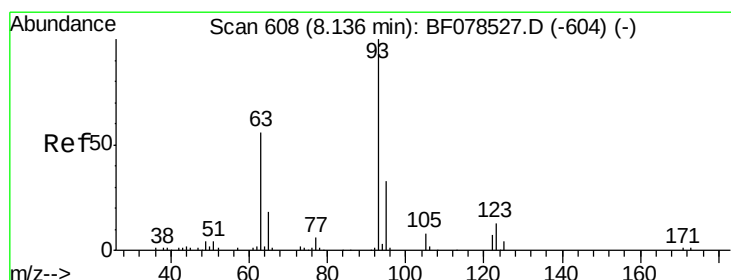
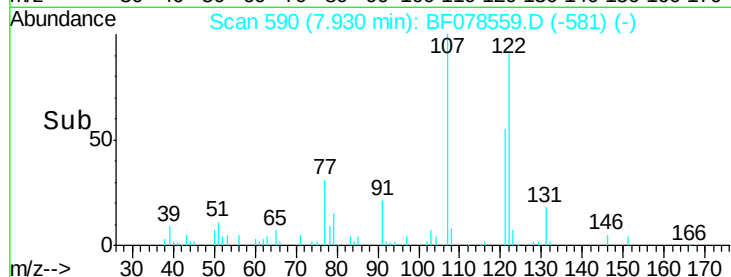
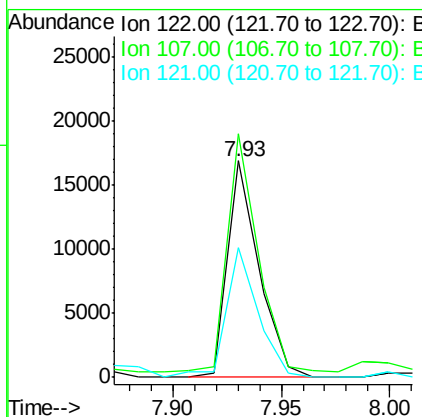
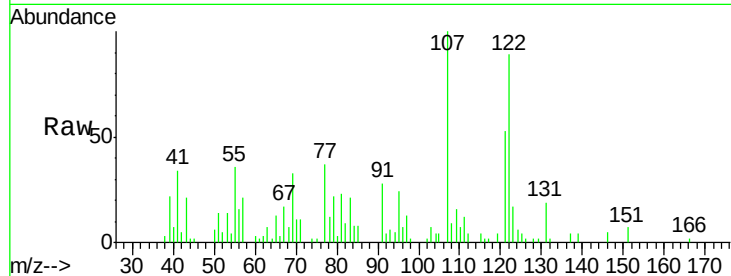
LS-SB11A(6-12)MSD

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Tgt Ion:	122	Resp:	16853
Ion Ratio	Lower	Upper	
122	100		
107	112.6	84.6	127.0
121	59.7	46.0	69.0



#28

bis(2-Chloroethoxy)methane

Concen: 9.45 ng

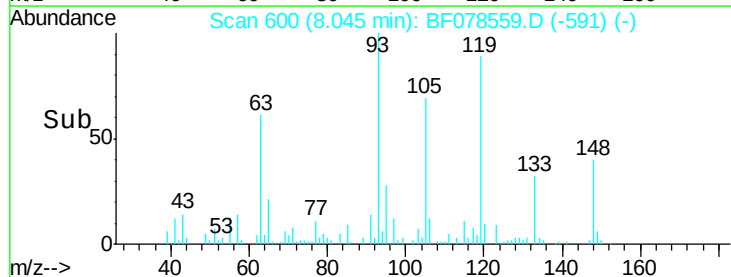
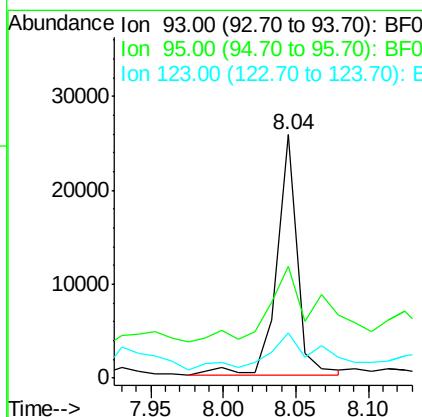
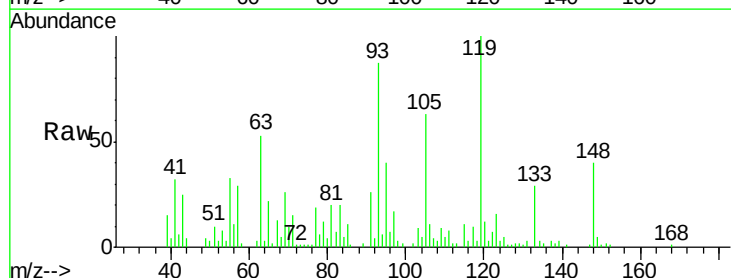
RT: 8.04 min Scan# 600

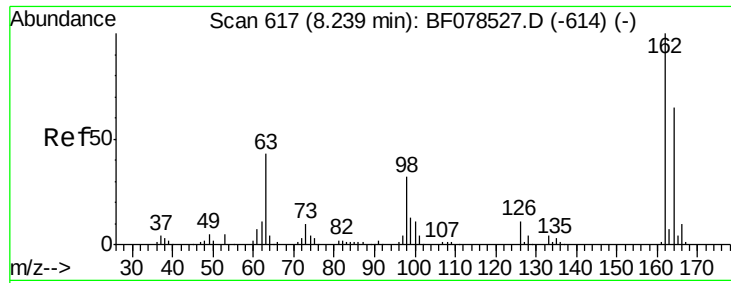
Delta R.T. 0.00 min

Lab File: BF078559.D

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Tgt Ion:	93	Resp:	25073
Ion Ratio	Lower	Upper	
93	100		
95	45.7	26.3	39.5#
123	18.6	9.1	13.7#





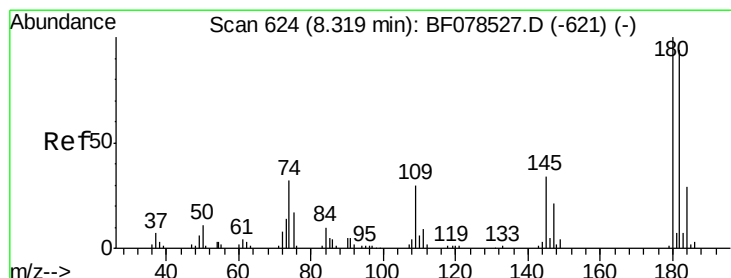
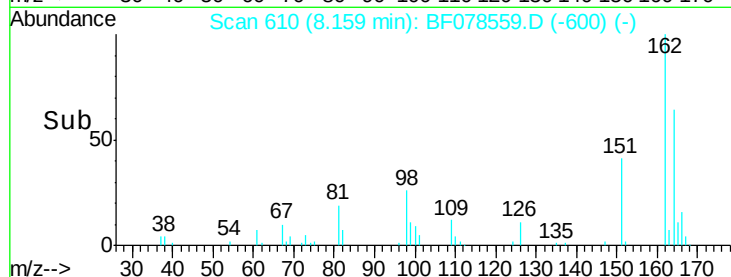
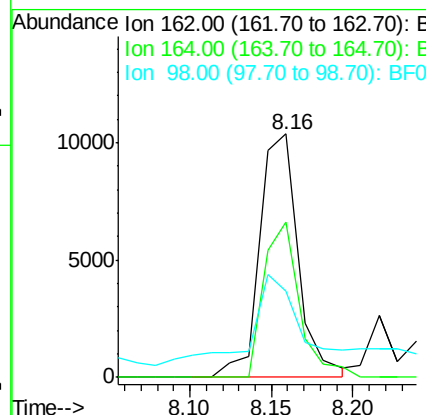
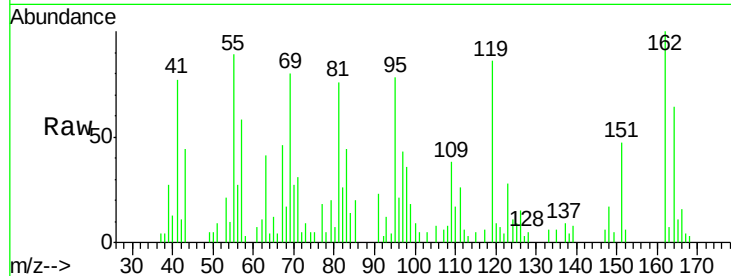
#29
 2,4-Dichlorophenol
 Concen: 9.33 ng
 RT: 8.16 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF078559.D
 Acq: 16 Apr 2015 2:38

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

Tgt Ion:	162	Resp:	17144
Ion Ratio	Lower	Upper	
162	100		
164	63.8	47.0	87.0
98	35.5	9.2	49.2

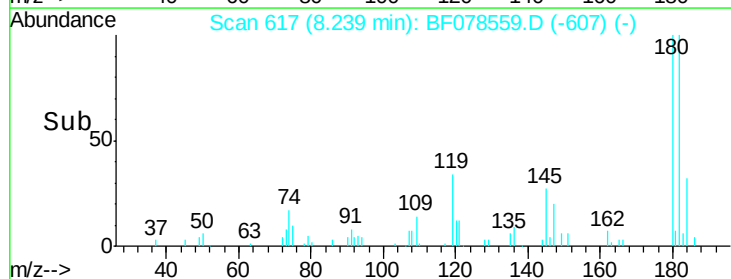
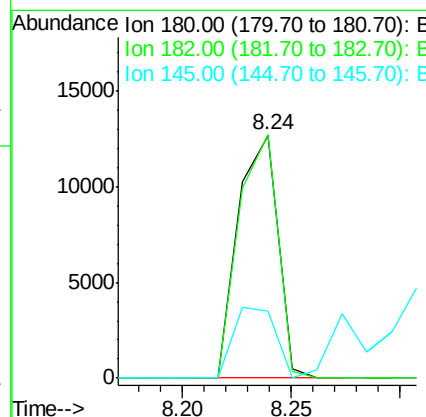
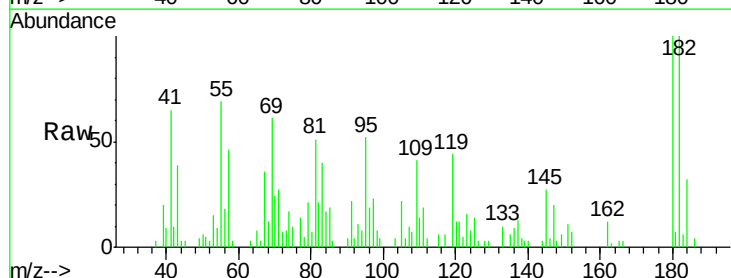
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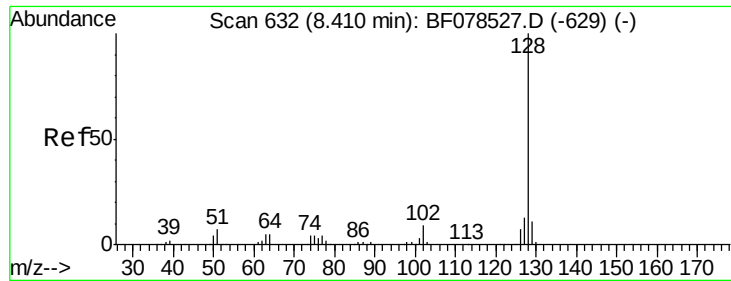
apatel
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#30
 1,2,4-Trichlorobenzene
 Concen: 7.65 ng
 RT: 8.24 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF078559.D
 Acq: 16 Apr 2015 2:38

Tgt Ion:	180	Resp:	16118
Ion Ratio	Lower	Upper	
180	100		
182	100.2	76.9	115.3
145	27.6	22.5	33.7





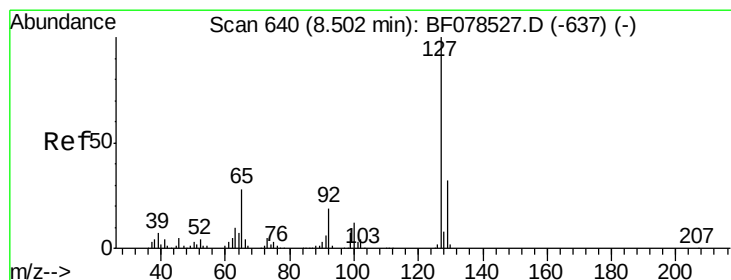
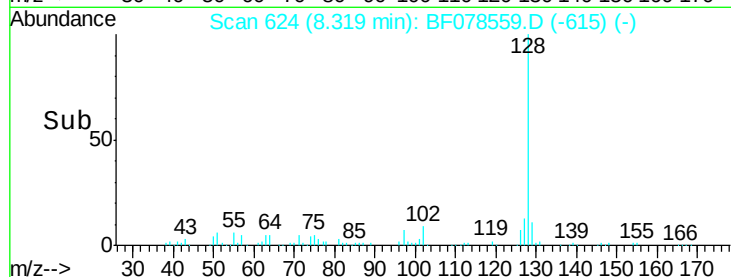
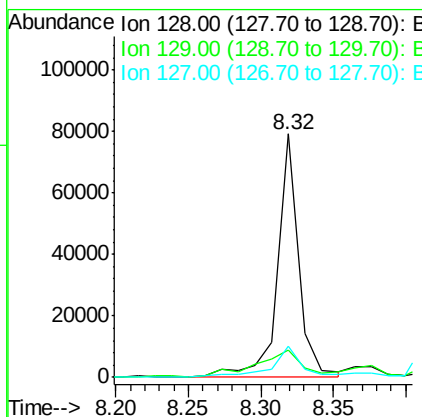
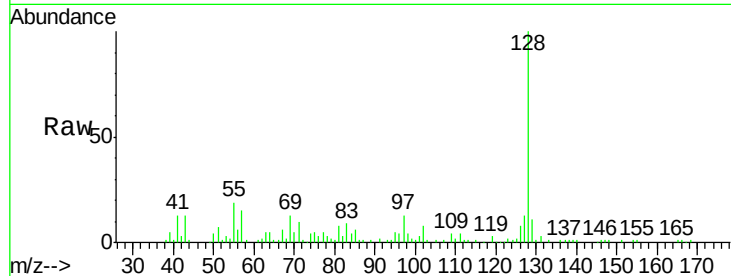
#31
Naphthalene
Concen: 11.77 ng
RT: 8.32 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF078559.D
Acq: 16 Apr 2015 2:38

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

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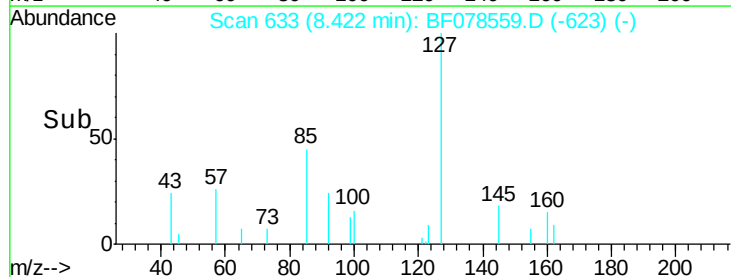
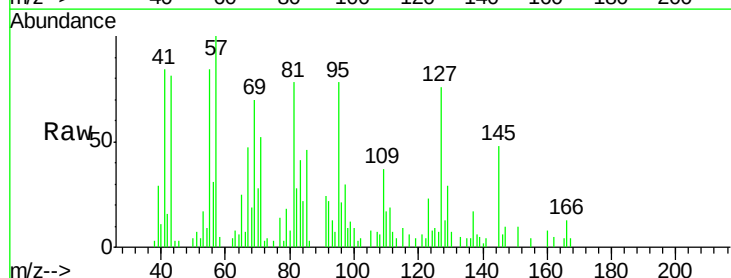
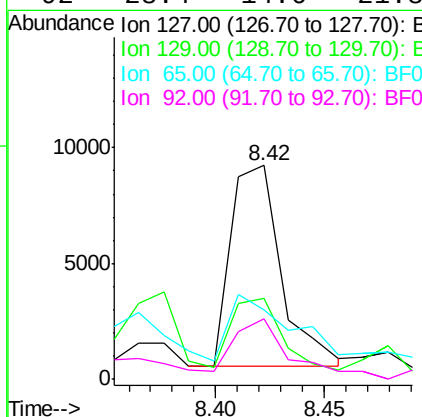
apatel
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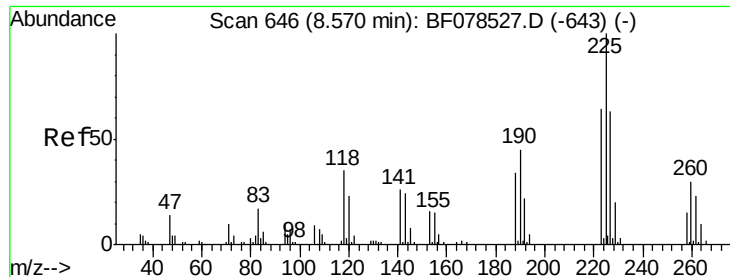
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	80986		
129	11.3	8.6	12.8	
127	12.9	10.7	16.1	



#33
4-Chloroaniline
Concen: 4.89 ng
RT: 8.42 min Scan# 633
Delta R.T. 0.01 min
Lab File: BF078559.D
Acq: 16 Apr 2015 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	13977		
129	37.8	25.5	38.3	
65	32.2	21.7	32.5	
92	28.4	14.6	21.8	





#34

Hexachlorobutadiene

Concen: 7.54 ng

RT: 8.48 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF078559.D

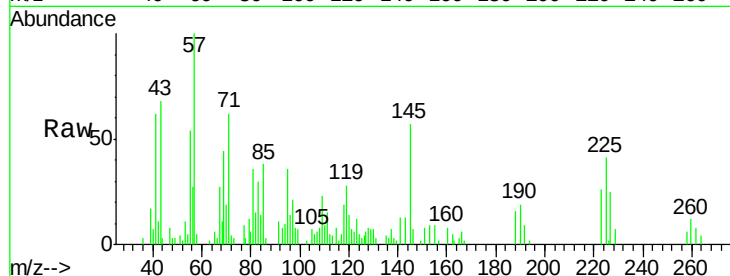
Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

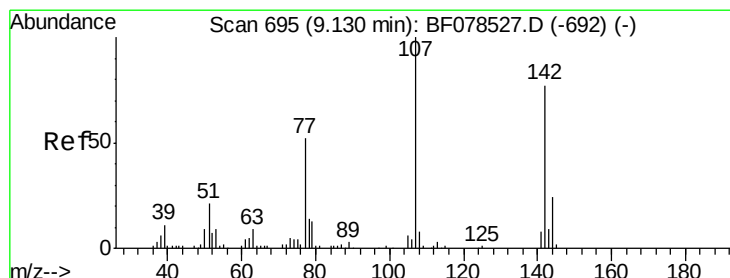
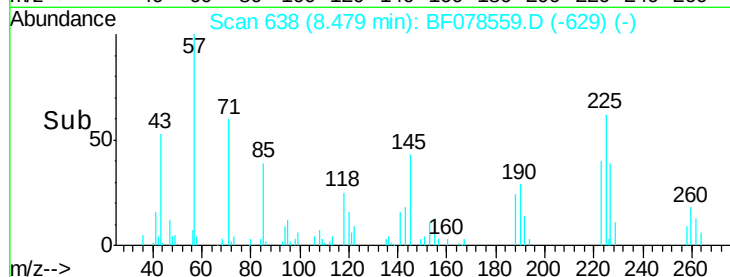
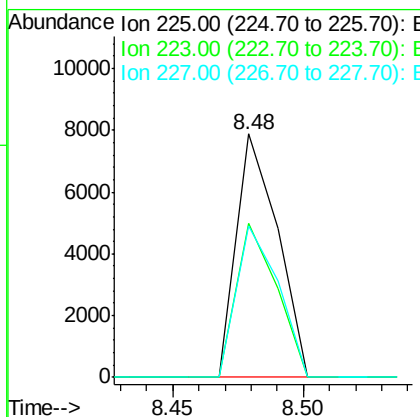
LS-SB11A(6-12)MSD



Tgt Ion:	225	Resp:	8724
Ion Ratio	Lower	Upper	
225	100		
223	63.4	47.5	71.3
227	62.1	50.2	75.2

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 9.65 ng

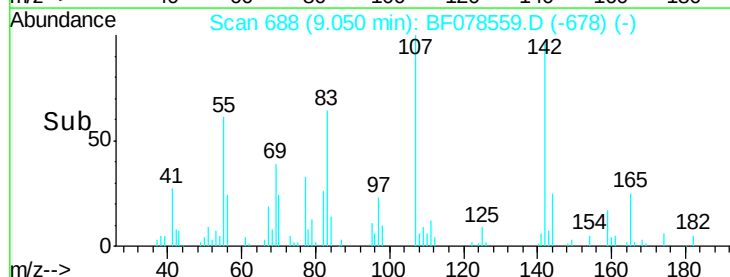
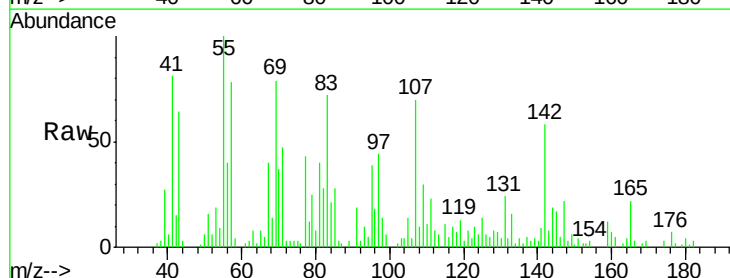
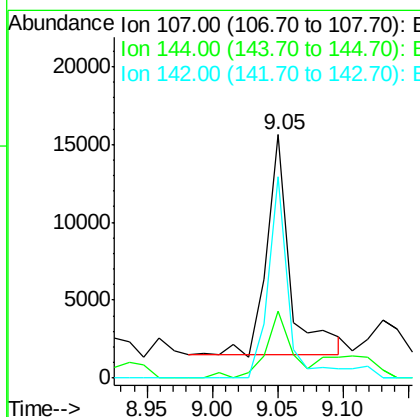
RT: 9.05 min Scan# 688

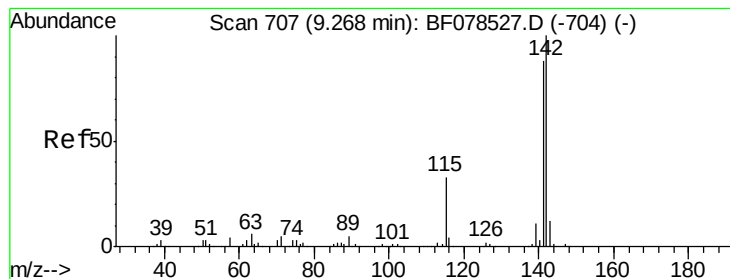
Delta R.T. 0.01 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion:	107	Resp:	17905
Ion Ratio	Lower	Upper	
107	100		
144	27.4	18.2	27.2#
142	82.5	58.0	87.0





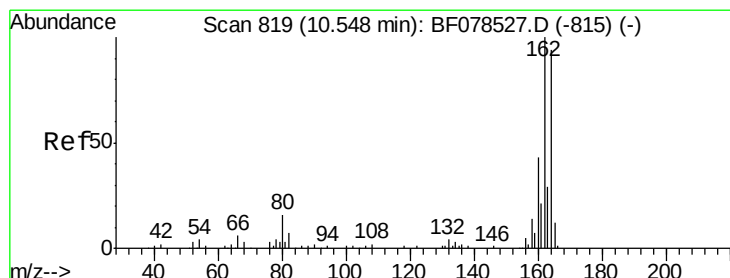
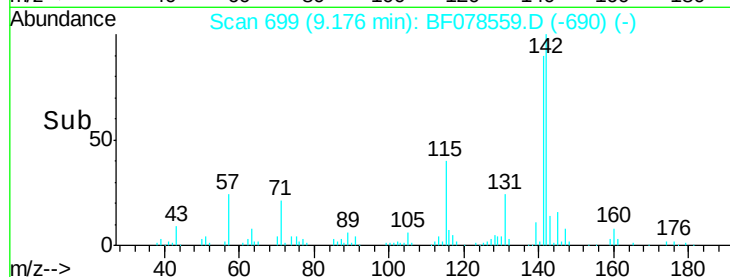
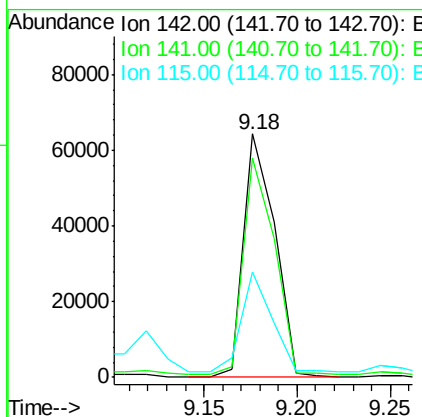
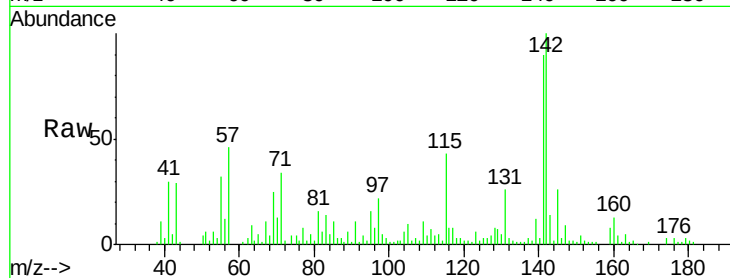
#37
 2-Methylnaphthalene
 Concen: 15.98 ng
 RT: 9.18 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF078559.D
 Acq: 16 Apr 2015 2:38

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

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.3	105.5
115	43.2	24.6	37.0

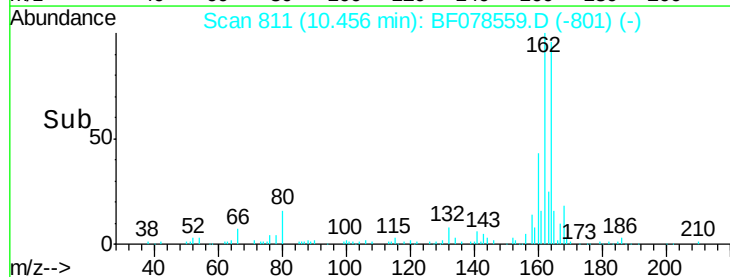
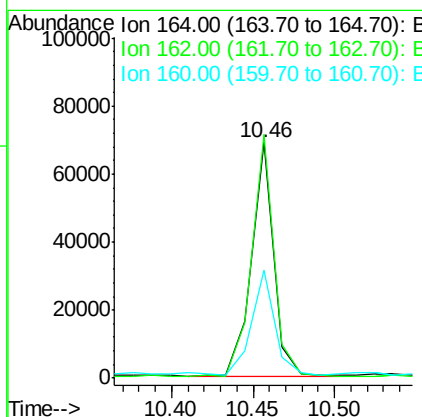
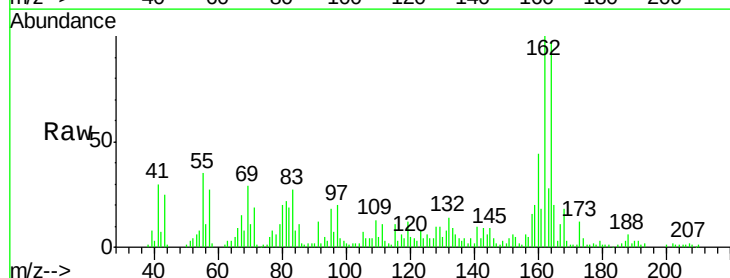
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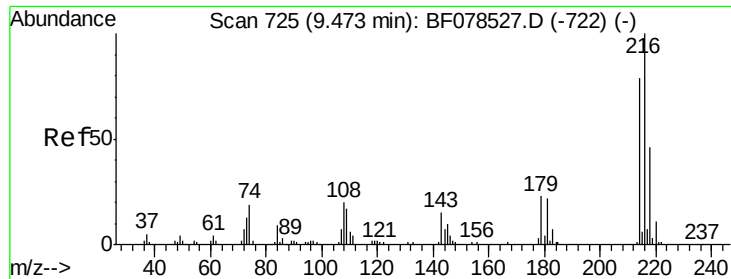
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.46 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF078559.D
 Acq: 16 Apr 2015 2:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.2	123.2
160	45.8	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 7.44 ng

RT: 9.39 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF078559.D

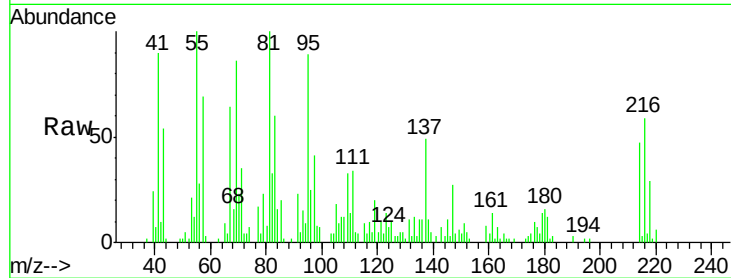
Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

LS-SB11A(6-12)MSD



Tgt Ion: 216 Resp: 14968

Ion Ratio Lower Upper

216 100

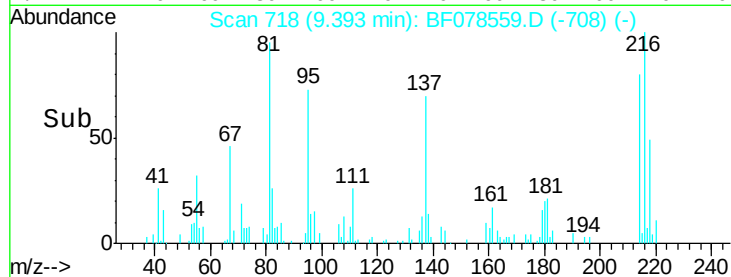
214 79.4 62.0 93.0

179 37.3 17.3 25.9#

108 0.0 14.6 21.8#

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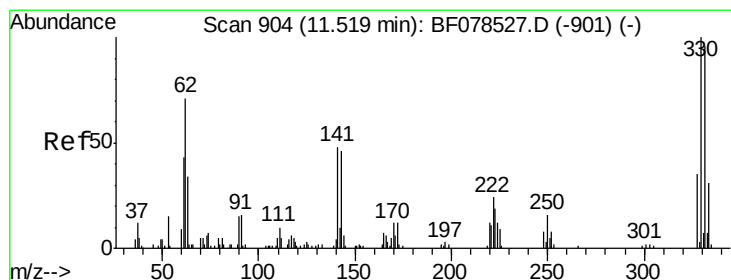
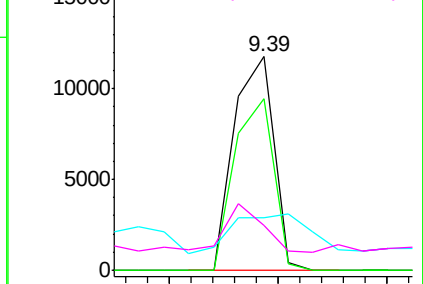


Abundance Ion 216.00 (215.70 to 216.70): E

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: 25.18 ng

RT: 11.43 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

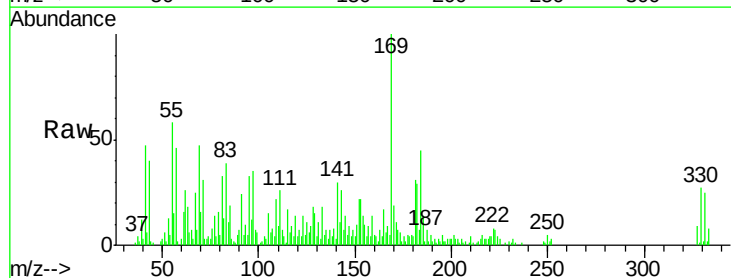
Tgt Ion: 330 Resp: 13560

Ion Ratio Lower Upper

330 100

332 92.8 78.6 117.8

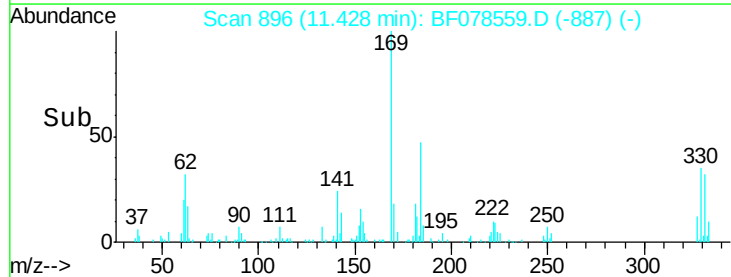
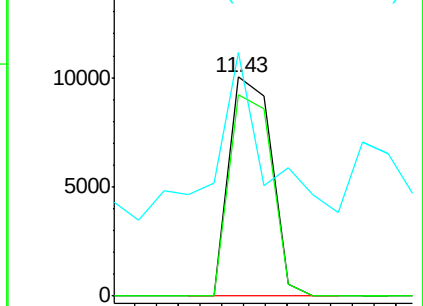
141 87.6 31.2 46.8#

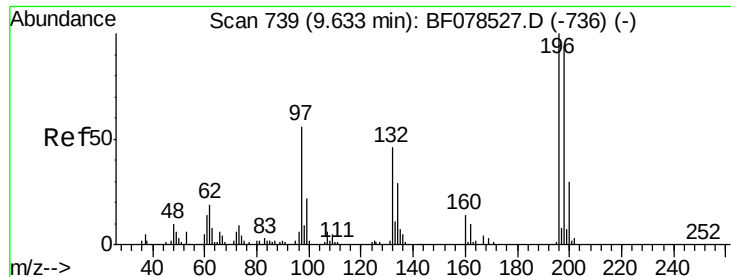


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 8.86 ng

RT: 9.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

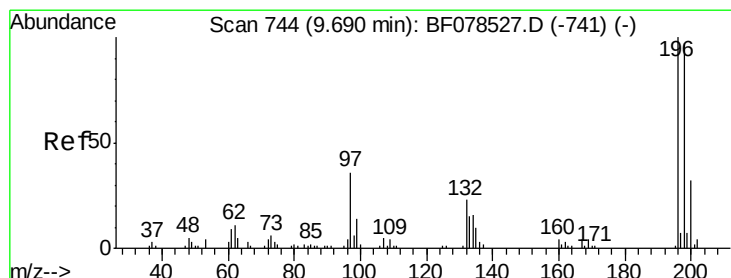
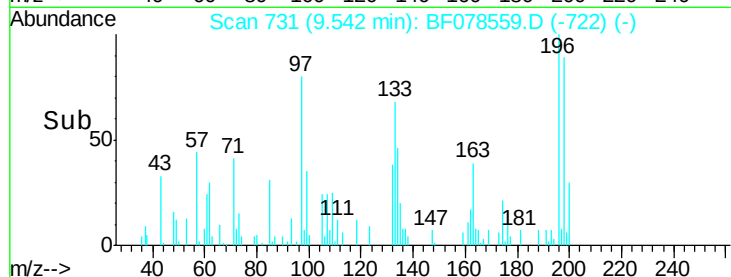
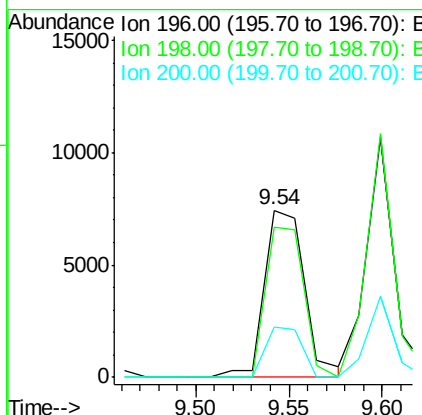
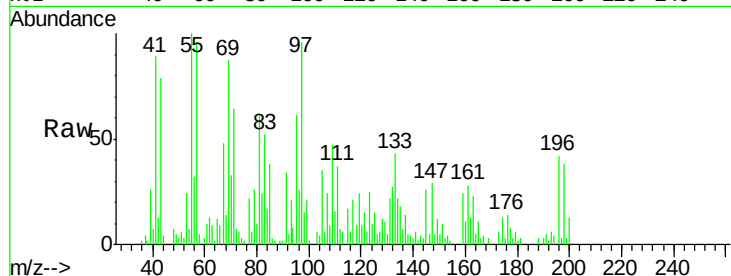
ClientSampleId :

LS-SB11A(6-12)MSD

Tgt Ion:	196	Resp:	11243
Ion Ratio	Lower	Upper	
196	100		
198	89.5	75.4	113.2
200	29.8	24.0	36.0

Manual Integrations
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#43

2,4,5-Trichlorophenol

Concen: 8.78 ng

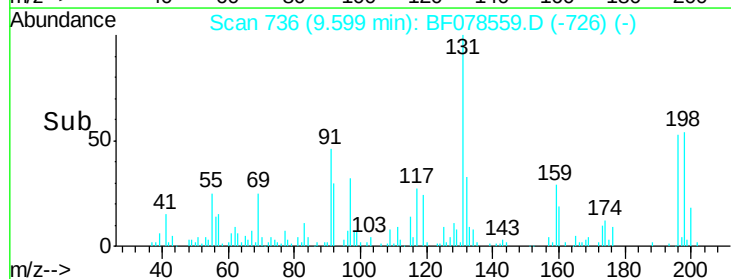
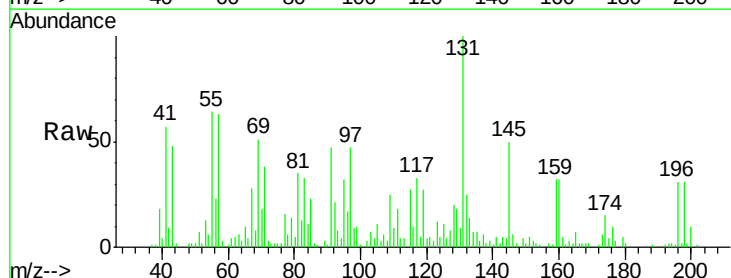
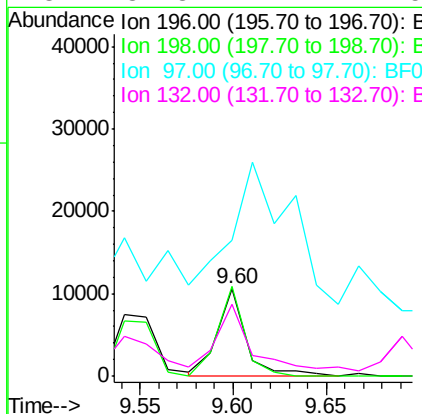
RT: 9.60 min Scan# 736

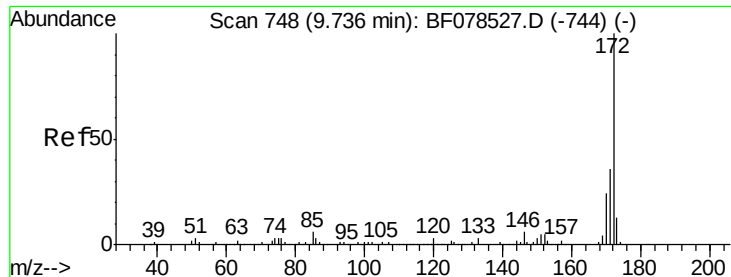
Delta R.T. 0.01 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion:	196	Resp:	11641
Ion Ratio	Lower	Upper	
196	100		
198	101.7	76.6	115.0
97	154.5	50.6	75.8#
132	82.3	27.7	41.5#





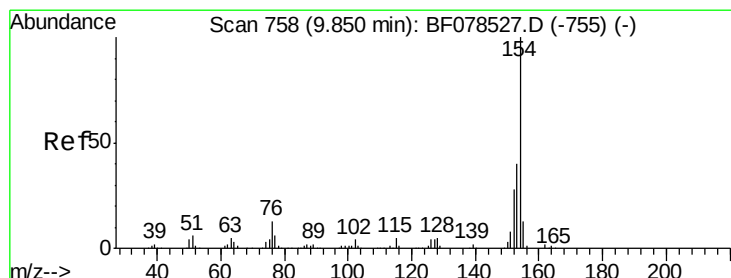
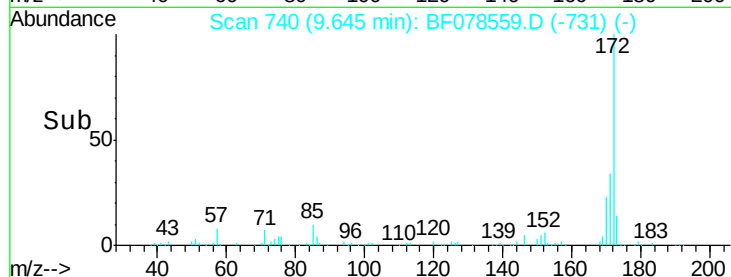
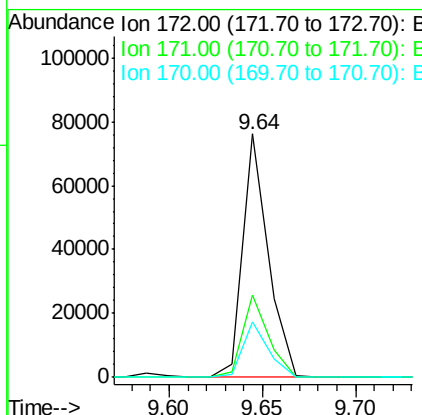
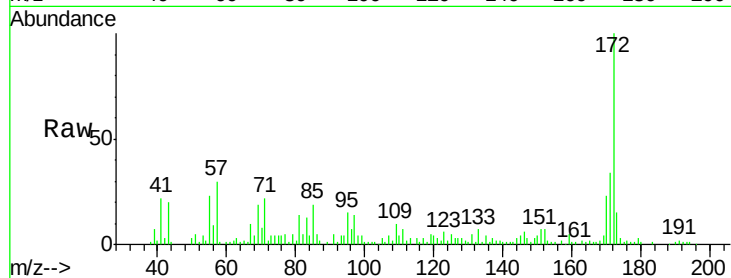
#44
2-Fluorobiphenyl
Concen: 15.87 ng
RT: 9.64 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF078559.D
Acq: 16 Apr 2015 2:38

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

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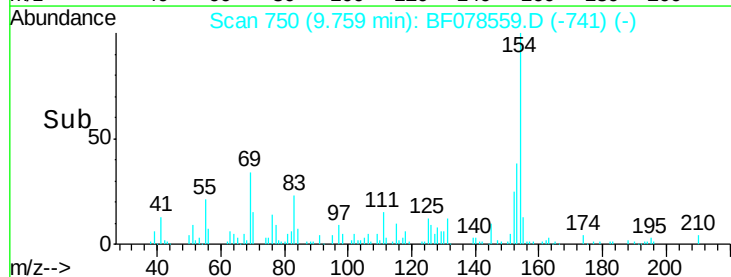
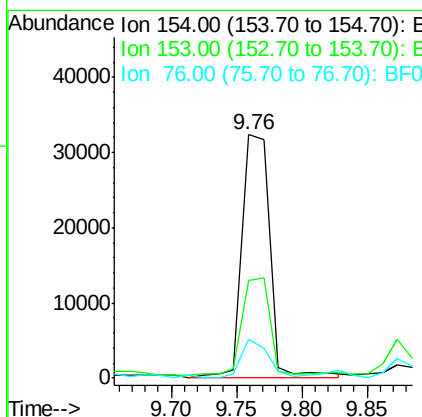
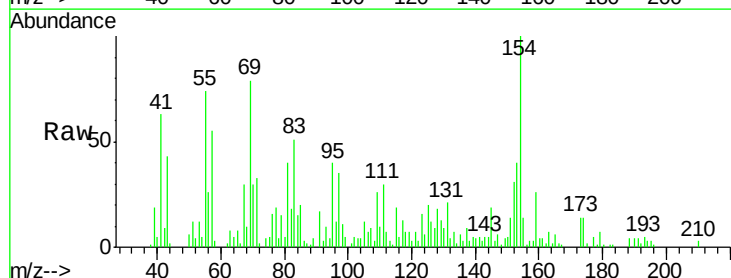
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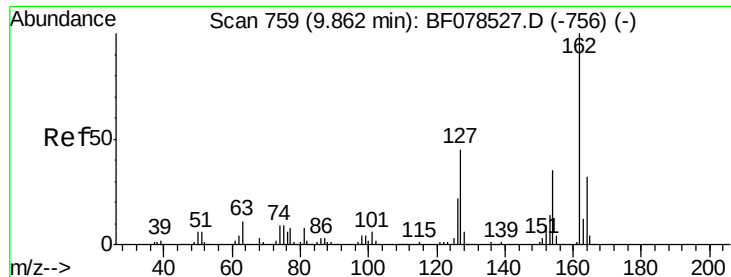
Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.6	42.8
170	23.0	18.5	27.7



#45
1,1'-Biphenyl
Concen: 9.02 ng
RT: 9.76 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF078559.D
Acq: 16 Apr 2015 2:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.0	60.0
76	16.2	0.0	30.6





#46

2-Chloronaphthalene

Concen: 7.98 ng

RT: 9.78 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

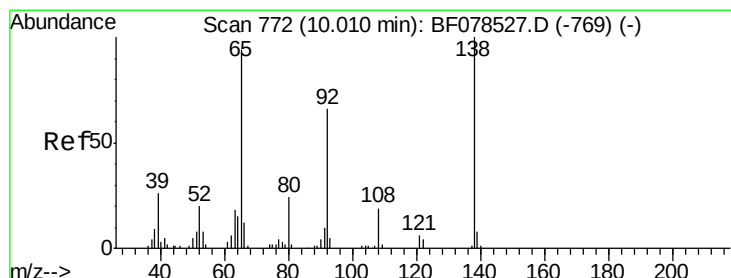
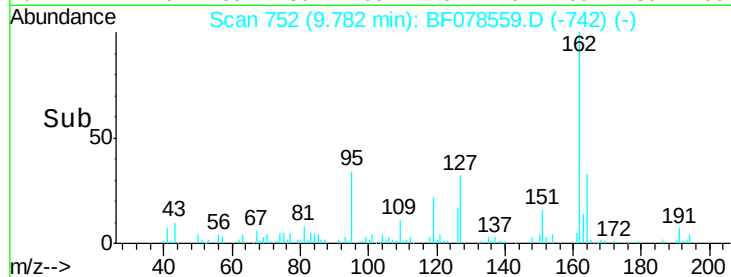
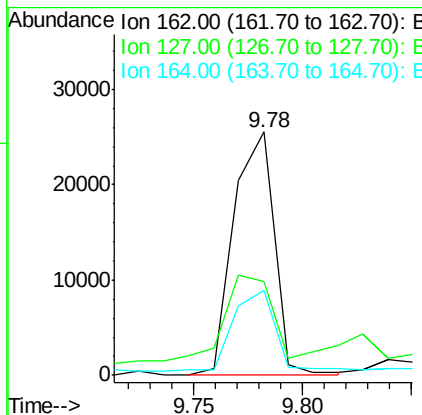
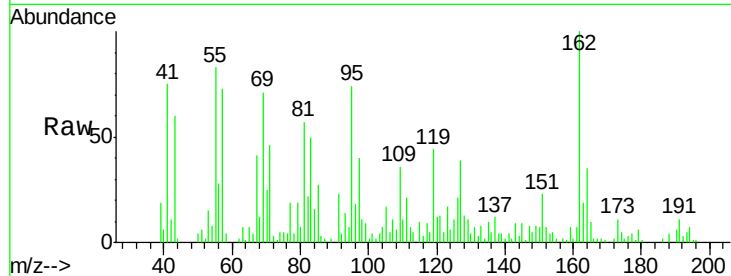
ClientSampleId :

LS-SB11A(6-12)MSD

Tgt Ion:	162	Resp:	33354
Ion Ratio	Lower	Upper	
162	100		
127	38.7	32.6	49.0
164	34.6	26.0	39.0

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#47

2-Nitroaniline

Concen: 10.28 ng

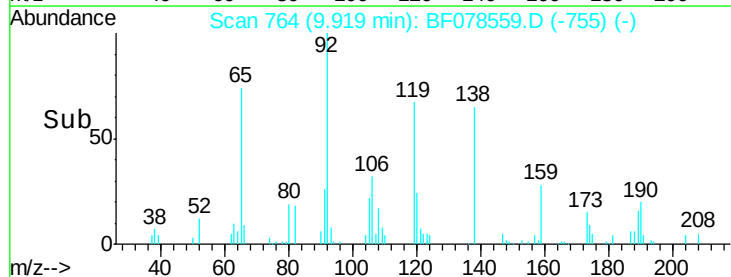
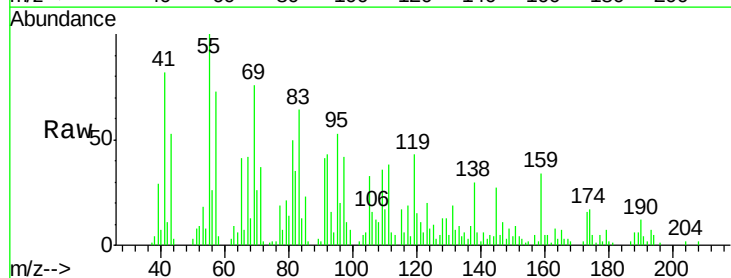
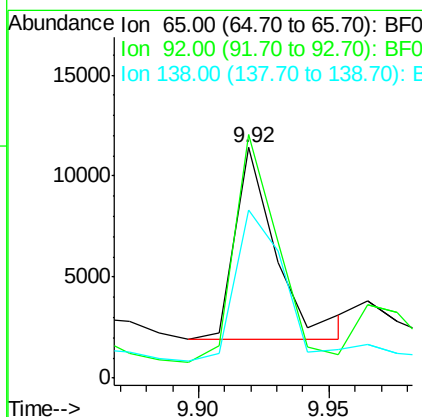
RT: 9.92 min Scan# 764

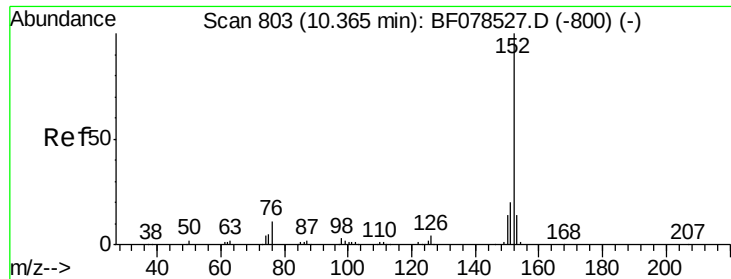
Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion:	65	Resp:	10631
Ion Ratio	Lower	Upper	
65	100		
92	105.5	51.3	76.9#
138	72.9	70.4	105.6





#48

Acenaphthylene

Concen: 9.95 ng

RT: 10.28 min Scan# 796

Delta R.T. 0.01 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

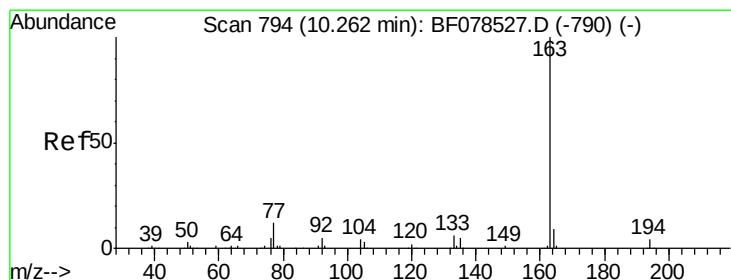
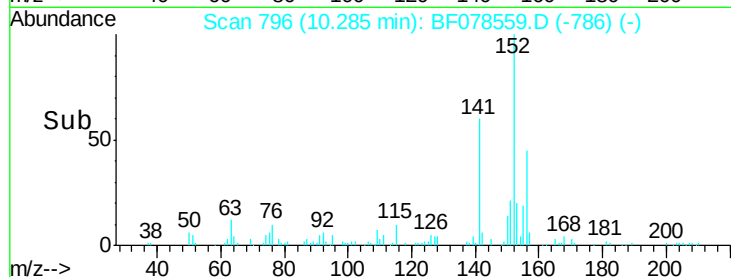
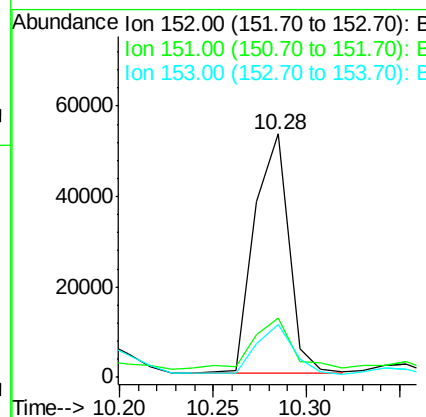
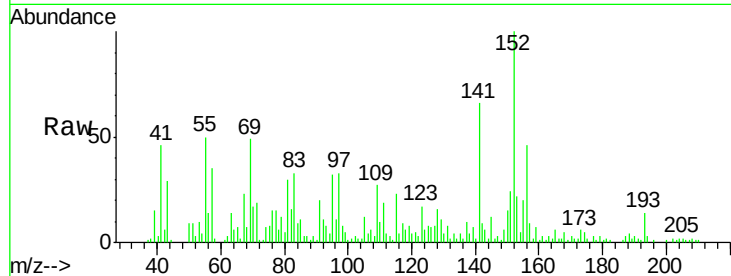
LS-SB11A(6-12)MSD

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Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.3	15.7	23.5#
153	21.7	10.2	15.2#



#49

Dimethylphthalate

Concen: 8.34 ng

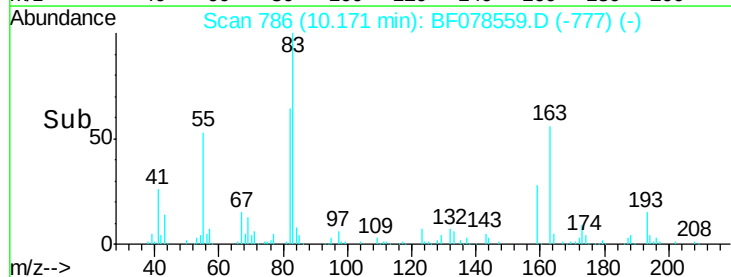
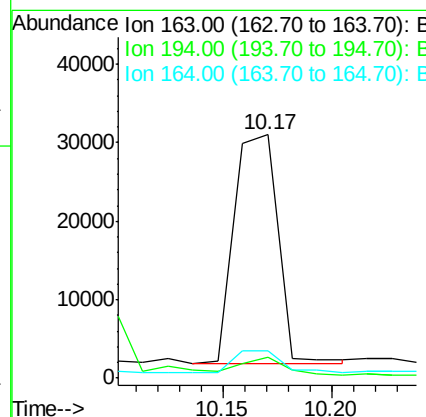
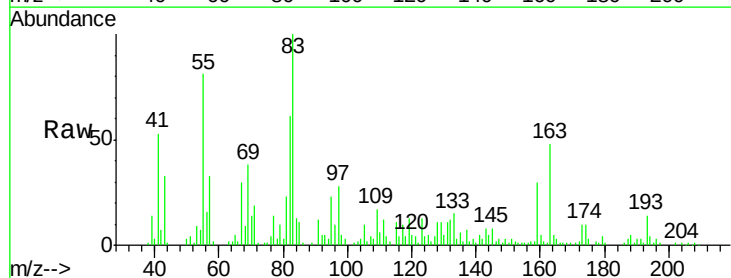
RT: 10.17 min Scan# 786

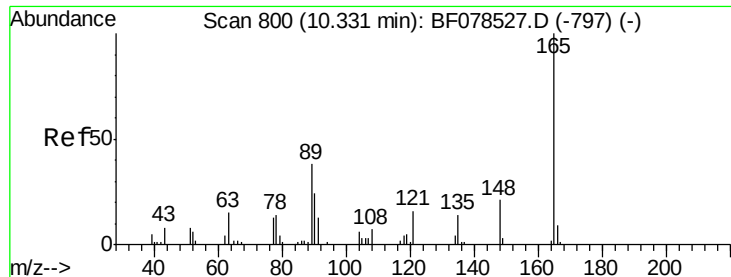
Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	8.7	2.3	3.5#
164	11.0	8.6	13.0





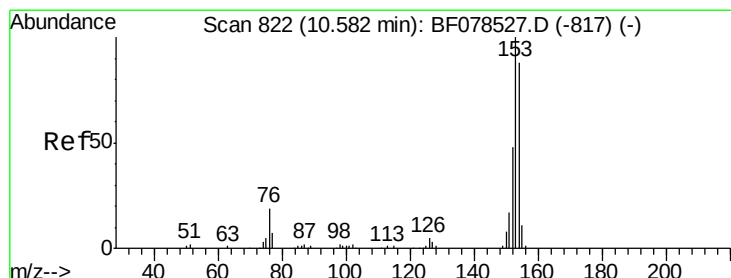
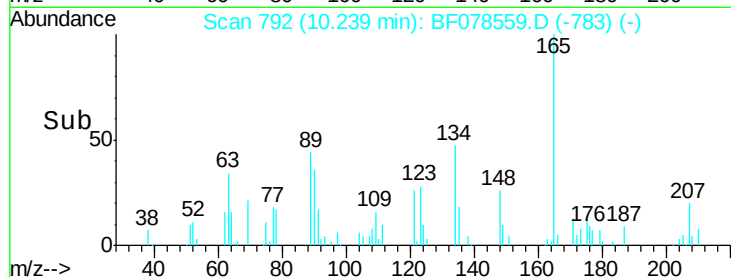
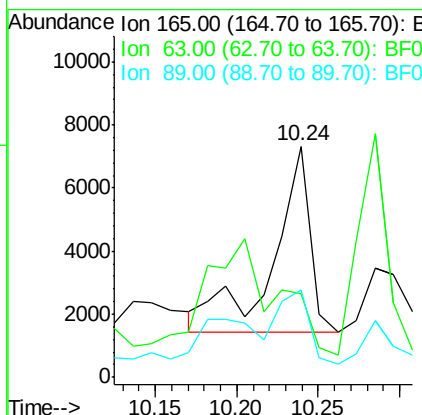
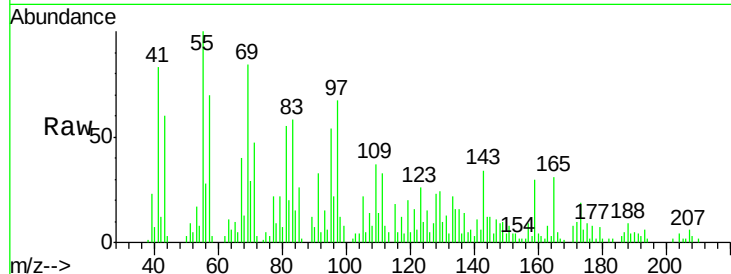
#50
2,6-Dinitrotoluene
Concen: 9.22 ng
RT: 10.24 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF078559.D
Acq: 16 Apr 2015 2:38

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

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	9253		
63	36.1	24.1	36.1	
89	37.8	28.9	43.3	

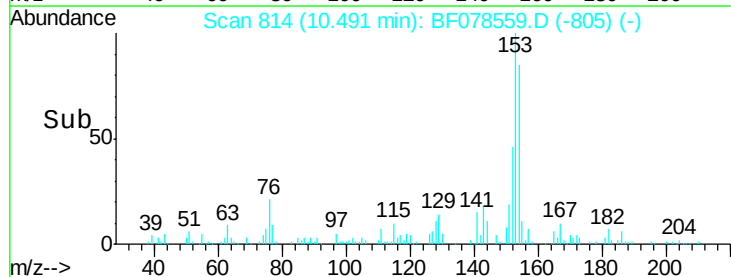
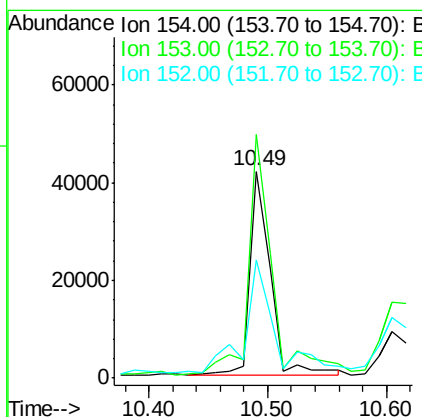
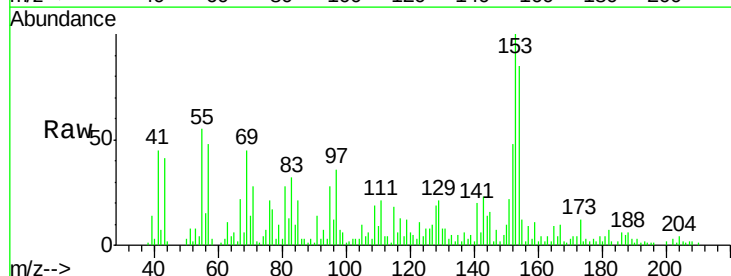
Manual Integrations
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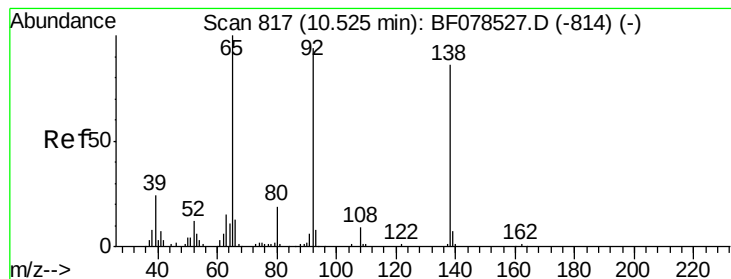
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#51
Acenaphthene
Concen: 13.05 ng
RT: 10.49 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF078559.D
Acq: 16 Apr 2015 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	49603		
153	117.8	91.4	137.2	
152	56.9	43.0	64.6	





#52

3-Nitroaniline

Concen: 12.02 ng

RT: 10.43 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF078559.D

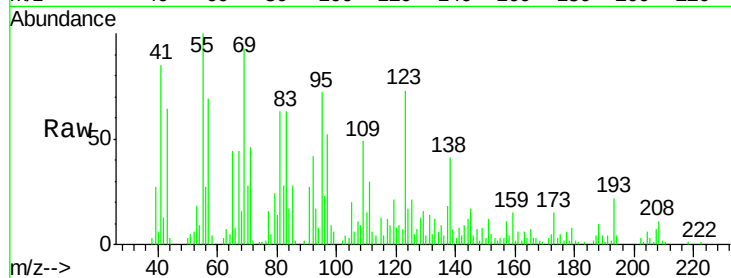
Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

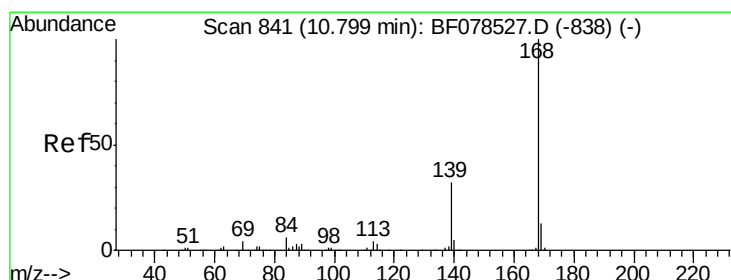
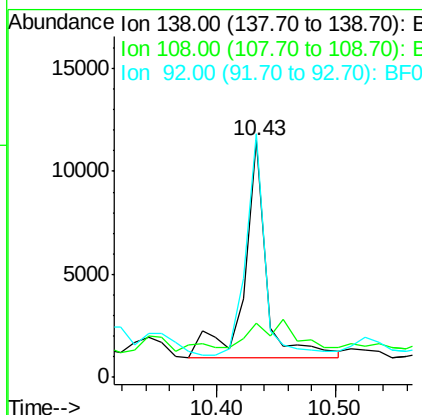
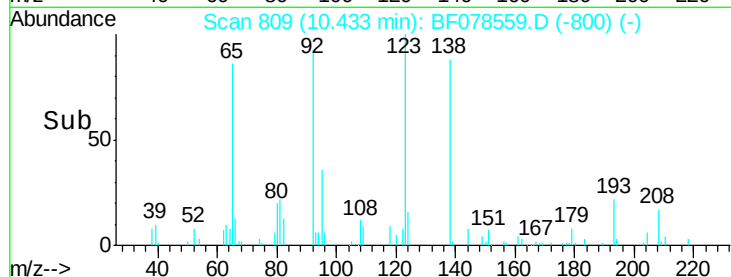
LS-SB11A(6-12)MSD



Tgt Ion:	138	Resp:	13717
Ion Ratio	Lower	Upper	
138	100		
108	23.0	8.2	12.4#
92	102.8	88.4	132.6

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#54

Dibenzofuran

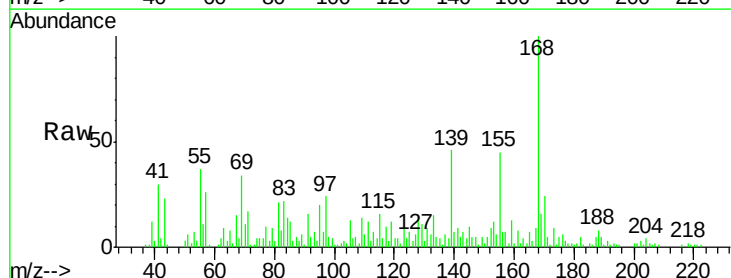
Concen: 10.85 ng

RT: 10.71 min Scan# 833

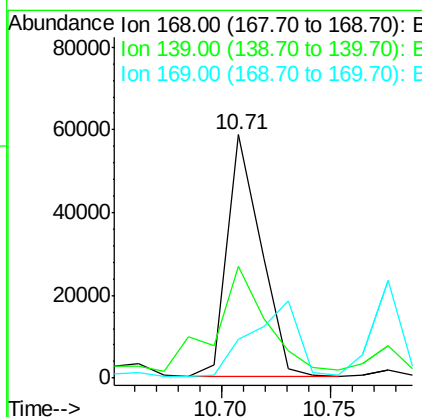
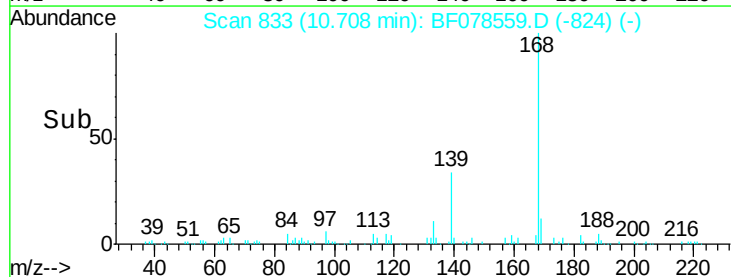
Delta R.T. 0.00 min

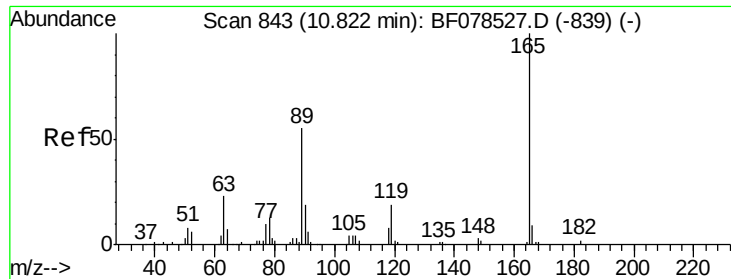
Lab File: BF078559.D

Acq: 16 Apr 2015 2:38



Tgt Ion:	168	Resp:	62991
Ion Ratio	Lower	Upper	
168	100		
139	46.2	31.0	46.4
169	16.0	10.7	16.1





#56

2,4-Dinitrotoluene

Concen: 11.82 ng

RT: 10.73 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF078559.D

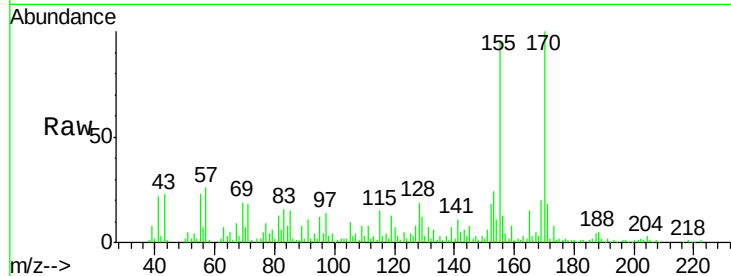
Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

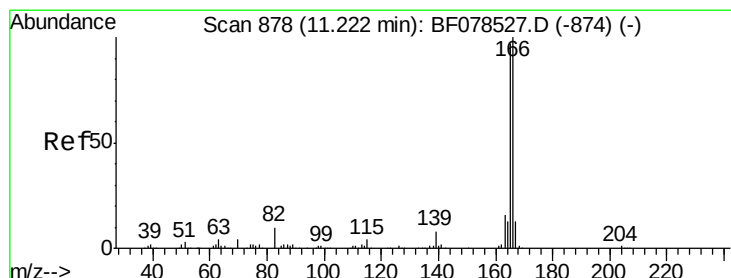
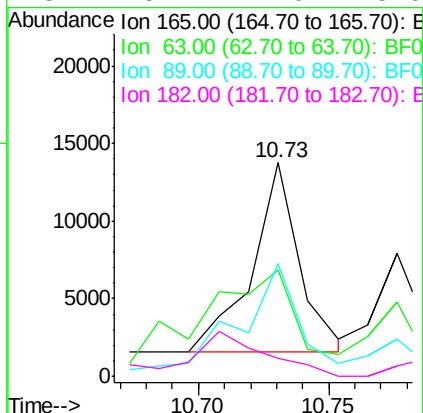
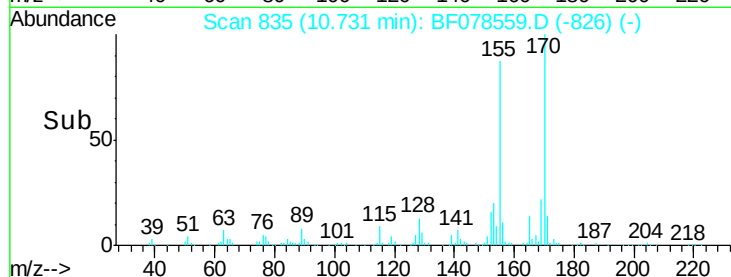
LS-SB11A(6-12)MSD



Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.0	26.5	39.7#
89	52.8	46.4	69.6
182	8.7	2.0	3.0#

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#57

Fluorene

Concen: 16.26 ng

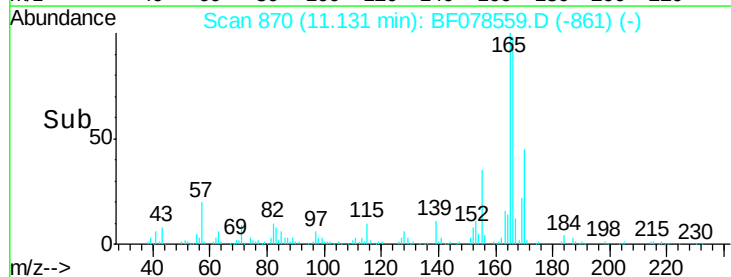
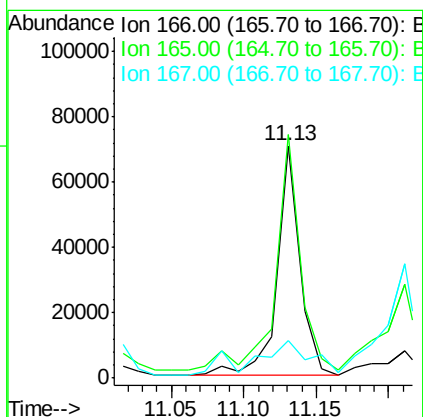
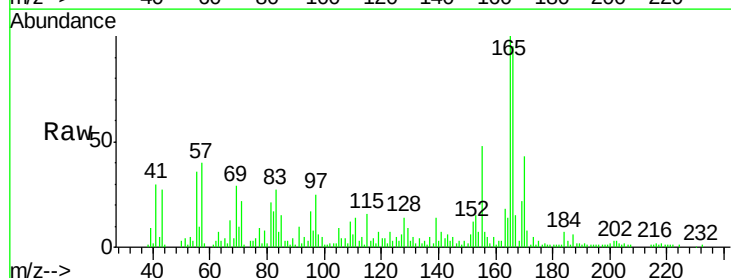
RT: 11.13 min Scan# 870

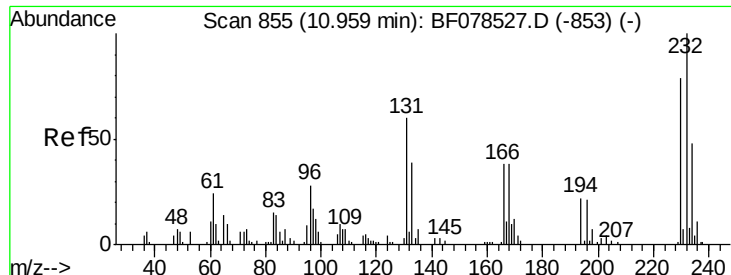
Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.9	78.9	118.3
167	16.2	10.7	16.1#





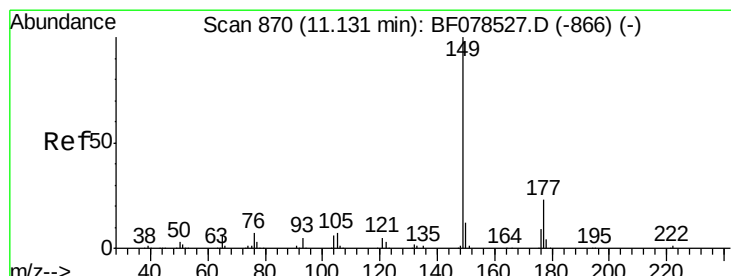
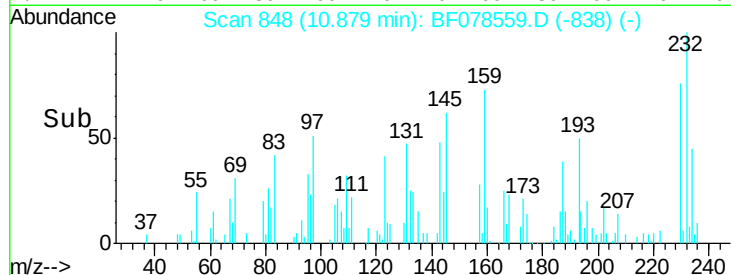
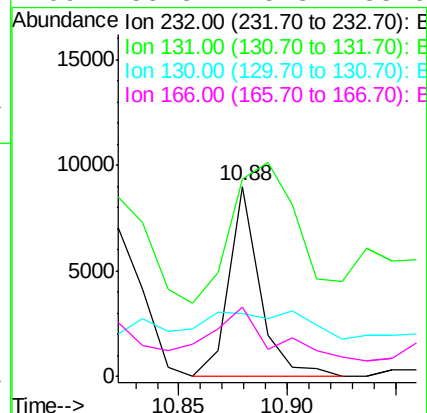
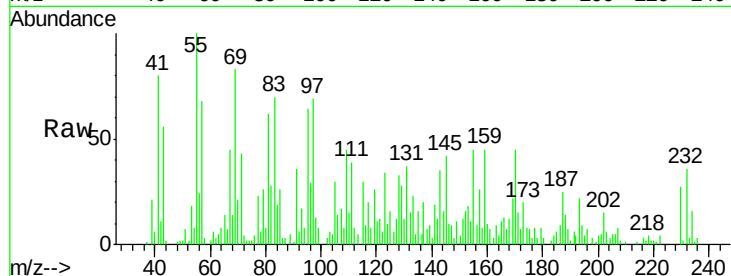
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 9.03 ng
 RT: 10.88 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF078559.D
 Acq: 16 Apr 2015 2:38

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

Tgt Ion	Ratio	Lower	Upper
232	100		
131	0.0	37.8	56.8#
130	0.0	1.5	2.3#
166	55.3	25.8	38.6#

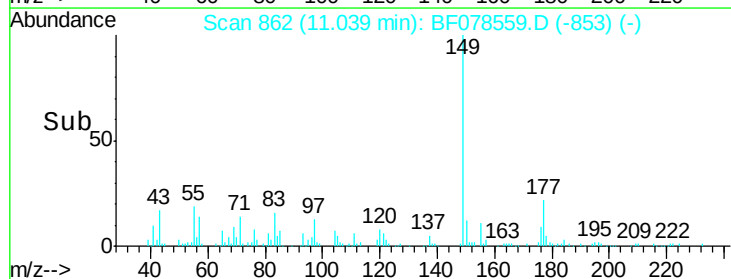
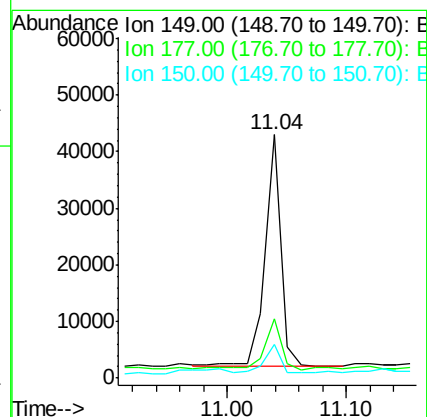
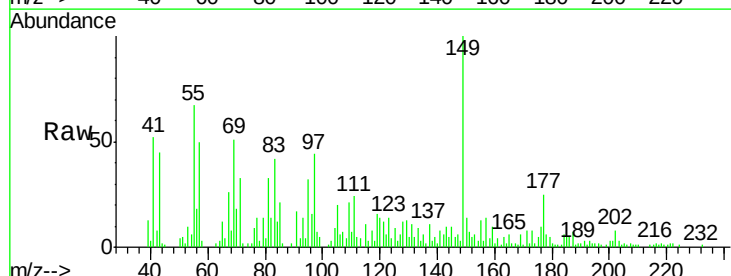
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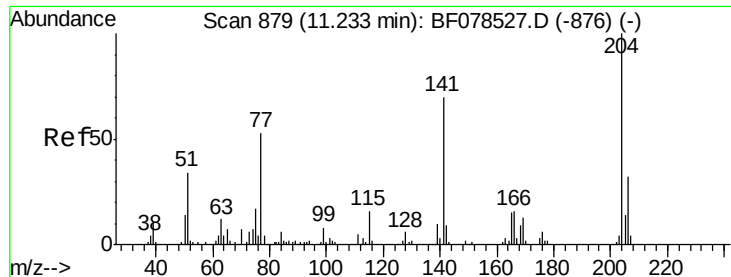
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#59
 Diethylphthalate
 Concen: 8.14 ng
 RT: 11.04 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: BF078559.D
 Acq: 16 Apr 2015 2:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	17.4	26.2
150	13.7	9.4	14.2





#60

4-Chlorophenyl-phenylether

Concen: 9.96 ng

RT: 11.15 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

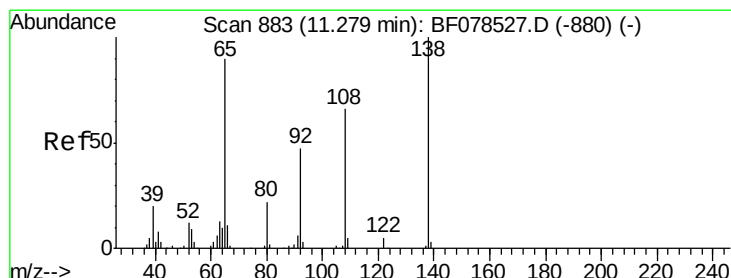
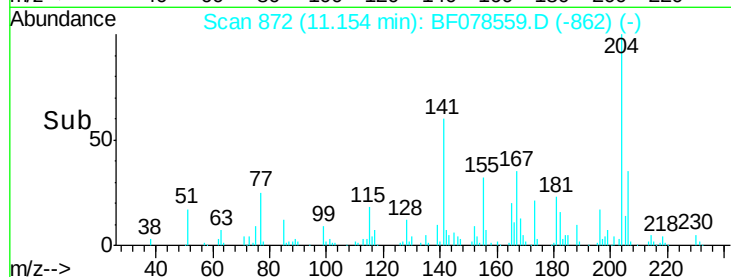
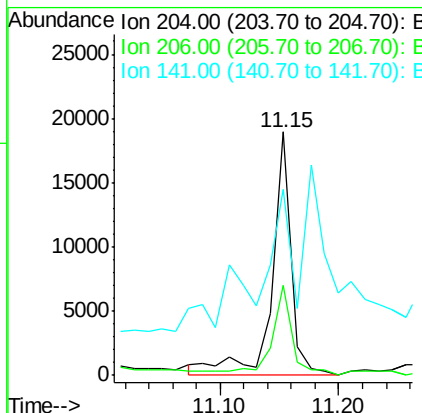
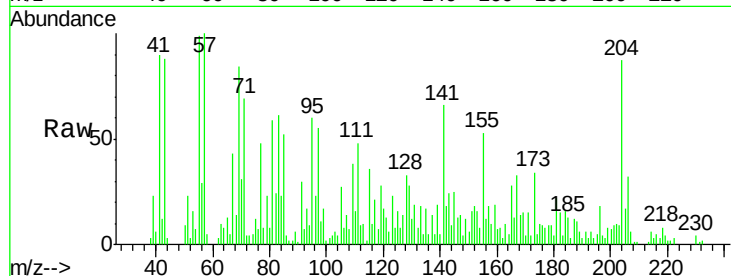
ClientSampleId :

LS-SB11A(6-12)MSD

Tgt Ion:	204	Resp:	21565
Ion Ratio	Lower	Upper	
204	100		
206	36.7	25.6	38.4
141	76.2	35.4	53.0#

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#61

4-Nitroaniline

Concen: 9.87 ng

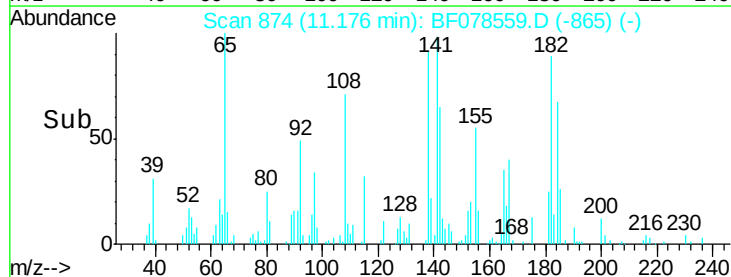
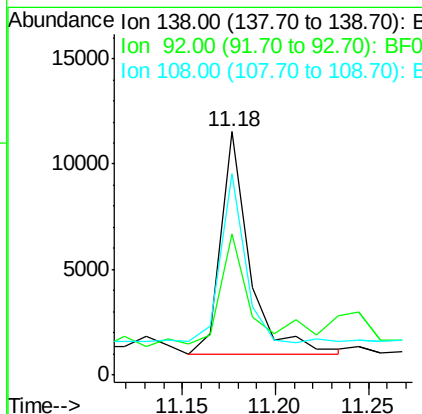
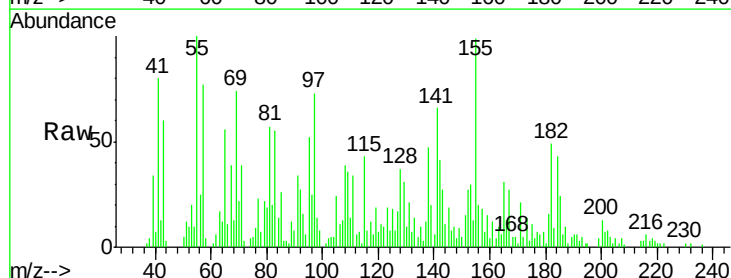
RT: 11.18 min Scan# 874

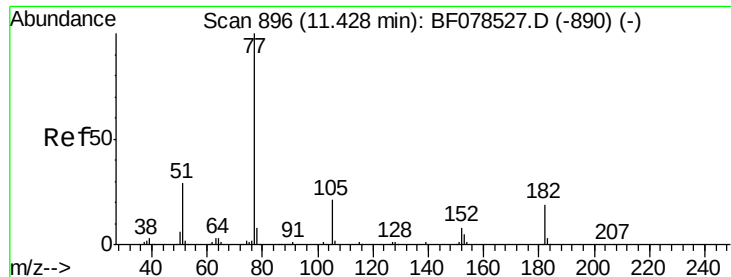
Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion:	138	Resp:	11390
Ion Ratio	Lower	Upper	
138	100		
92	57.7	27.3	67.3
108	82.8	47.2	87.2





#62

Azobenzene

Concen: 10.17 ng

RT: 11.35 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

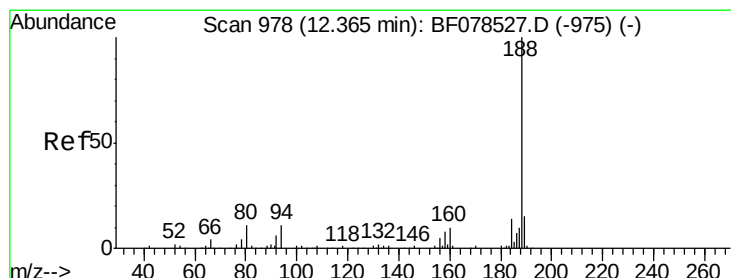
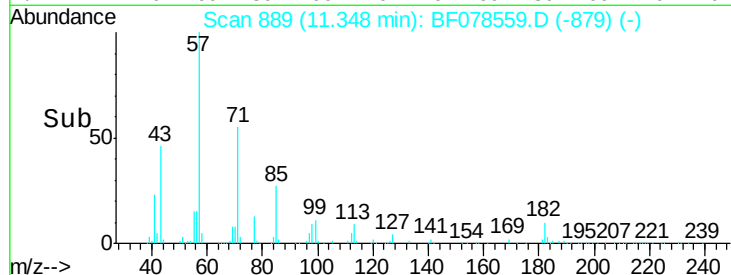
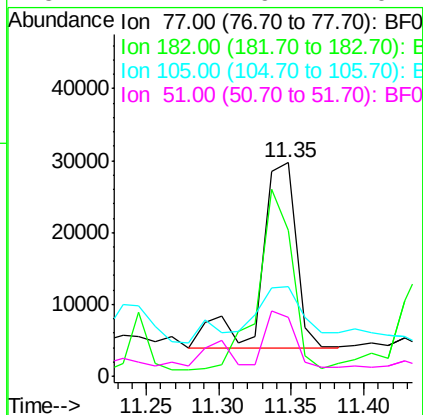
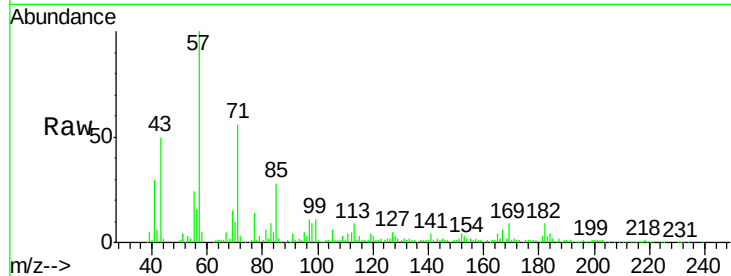
ClientSampleId :

LS-SB11A(6-12)MSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		43675		
182	68.2	0.0	36.8#		
105	42.2	0.3	40.3#		
51	27.4	9.1	49.1		

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#63

Phenanthrene-d10

Concen: 20.00 ng

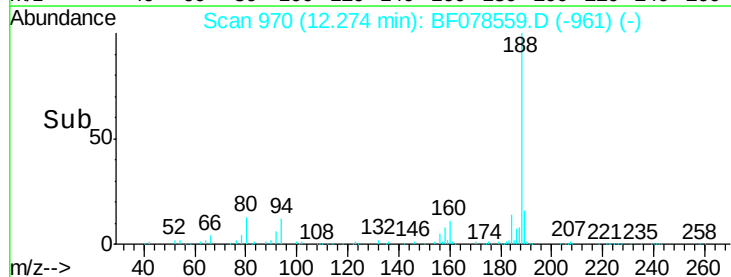
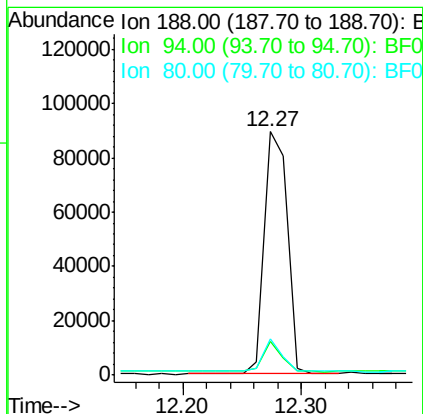
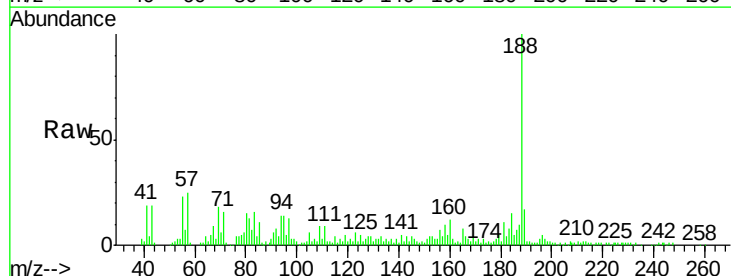
RT: 12.27 min Scan# 970

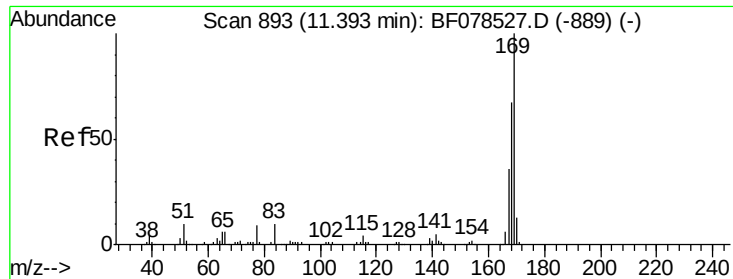
Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		121115		
94	14.0	9.0	13.4#		
80	14.7	9.5	14.3#		





#65

n-Nitrosodiphenylamine

Concen: 25.23 ng

RT: 11.30 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

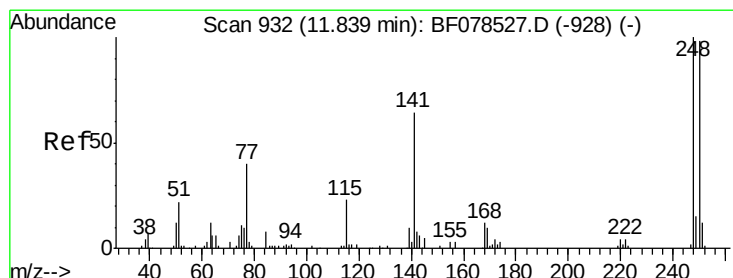
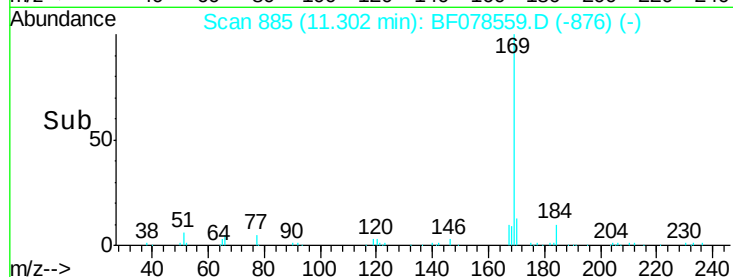
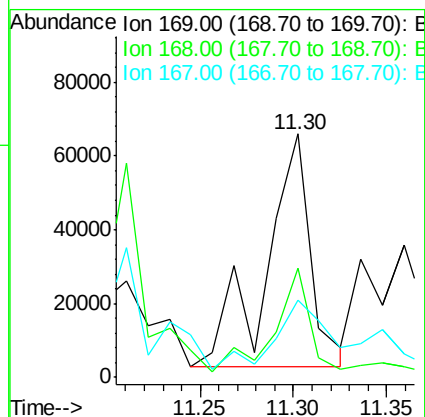
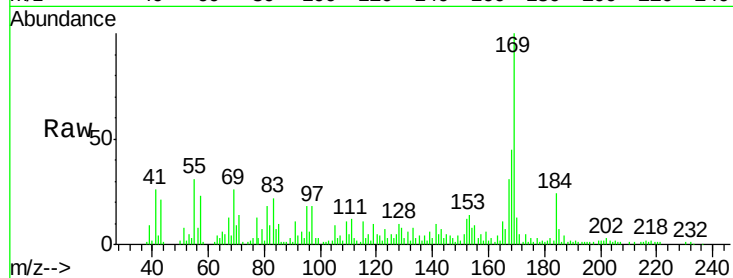
LS-SB11A(6-12)MSD

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Tgt Ion:	169	Resp:	105713
Ion Ratio	Lower	Upper	
169	100		
168	45.0	55.0	82.4#
167	31.5	29.3	43.9



#66

4-Bromophenyl-phenylether

Concen: 7.92 ng

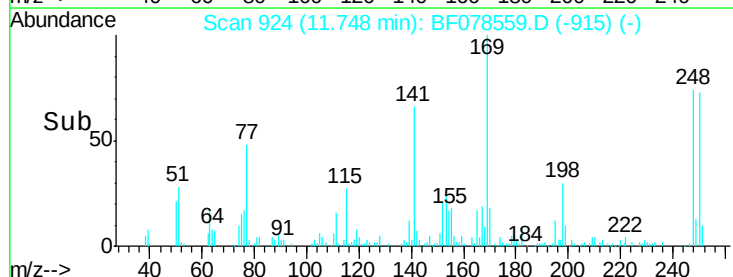
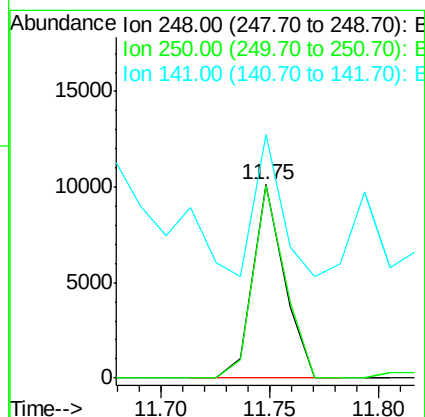
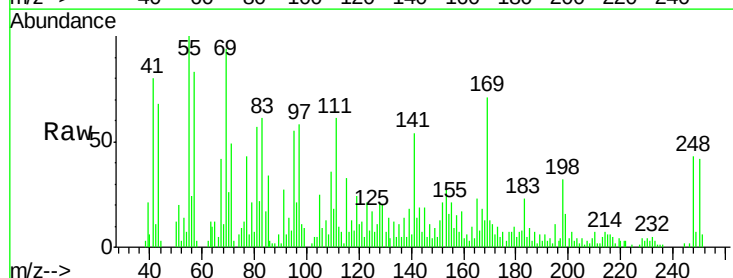
RT: 11.75 min Scan# 924

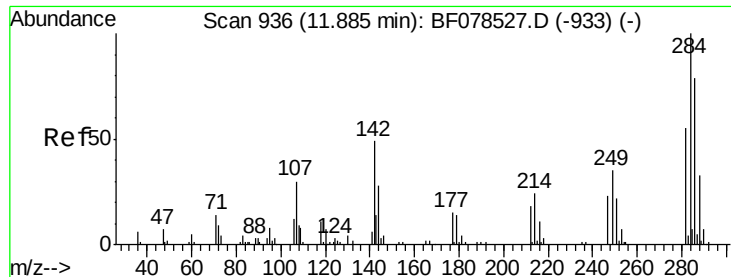
Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion:	248	Resp:	10163
Ion Ratio	Lower	Upper	
248	100		
250	99.2	78.2	117.2
141	125.9	66.4	99.6#





#67

Hexachlorobenzene

Concen: 7.53 ng

RT: 11.81 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF078559.D

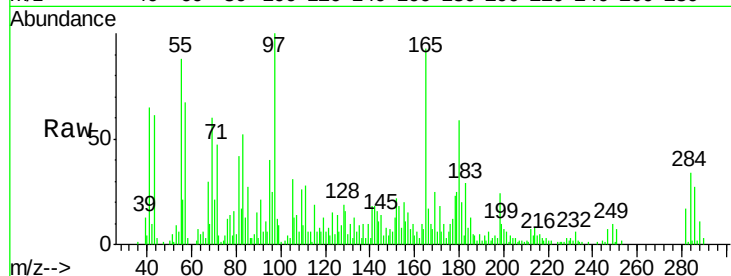
Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

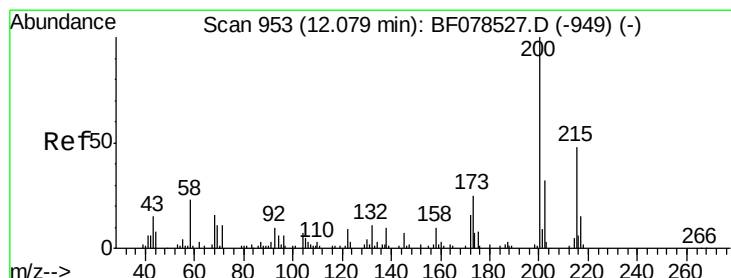
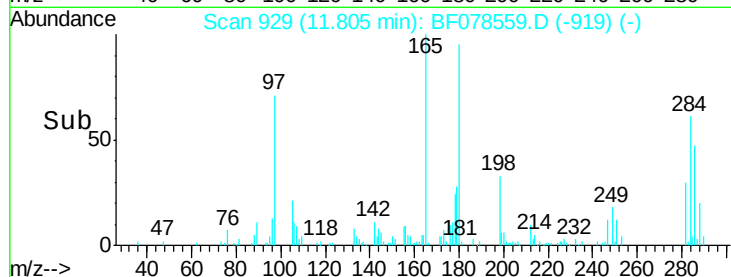
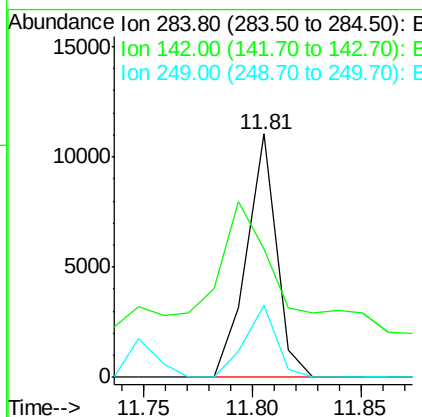
LS-SB11A(6-12)MSD



Tgt Ion:	284	Resp:	10584
Ion Ratio	Lower	Upper	
284	100		
142	52.8	24.5	36.7#
249	29.4	24.8	37.2

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#68

Atrazine

Concen: 11.78 ng

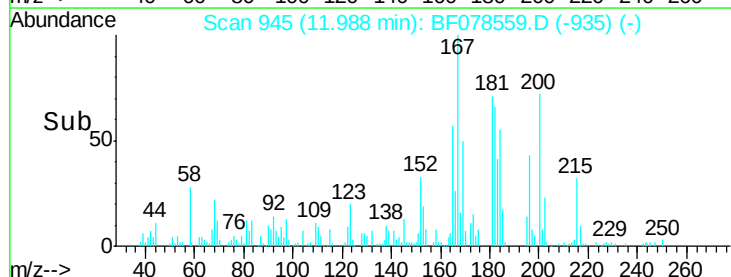
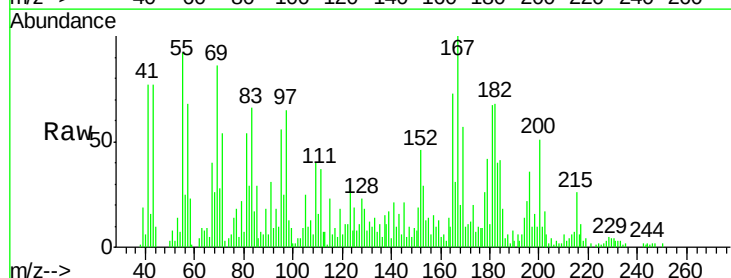
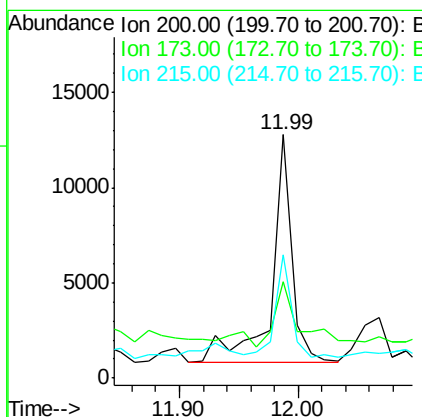
RT: 11.99 min Scan# 945

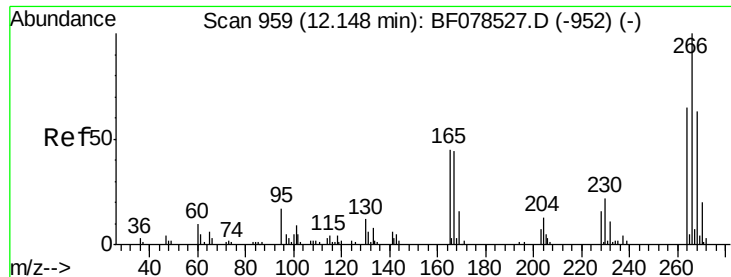
Delta R.T. 0.01 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion:	200	Resp:	14297
Ion Ratio	Lower	Upper	
200	100		
173	39.7	6.9	46.9
215	50.7	27.1	67.1





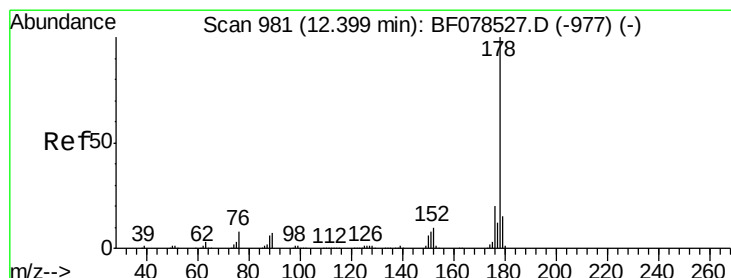
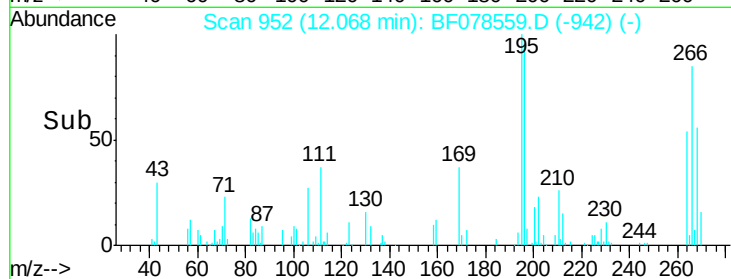
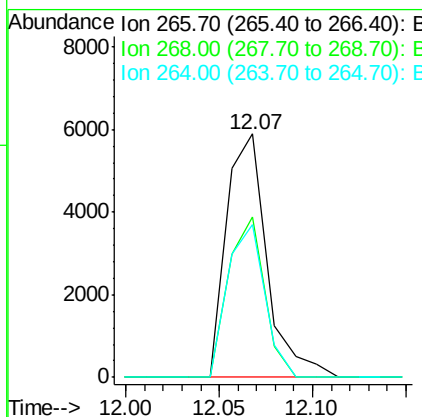
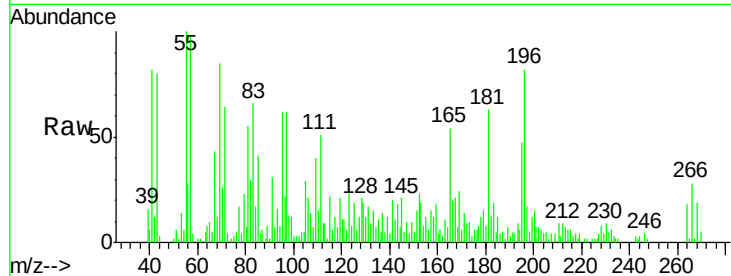
#69
 Pentachlorophenol
 Concen: 20.69 ng
 RT: 12.07 min Scan# 952
 Delta R.T. 0.01 min
 Lab File: BF078559.D
 Acq: 16 Apr 2015 2:38

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

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	8922		
268	66.0		50.1	75.1
264	62.8		50.0	75.0

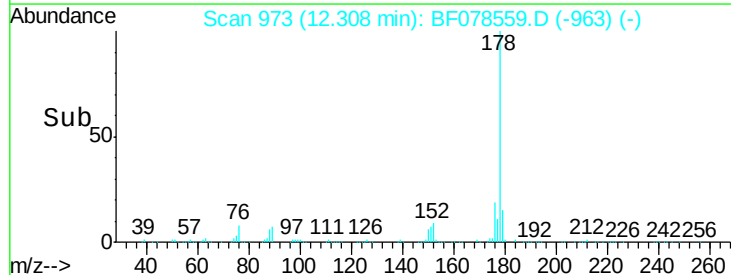
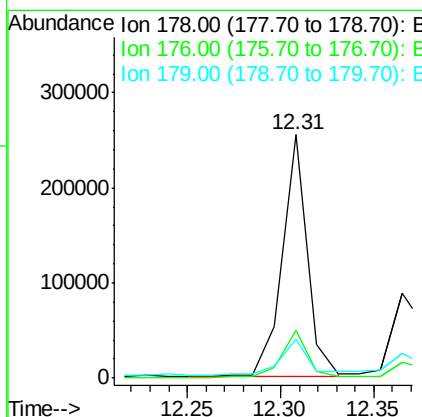
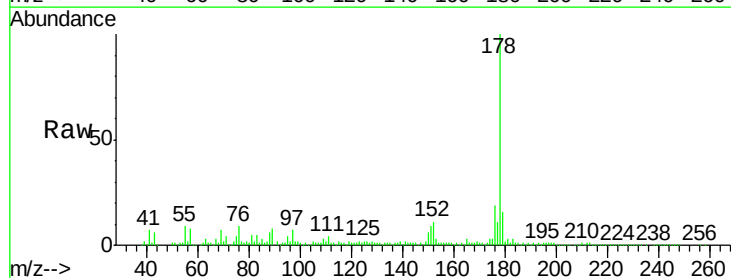
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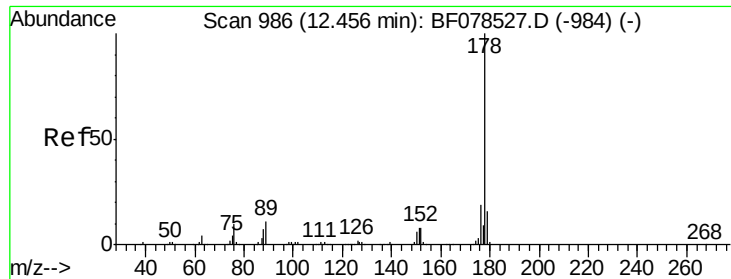
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#70
 Phenanthrene
 Concen: 33.81 ng
 RT: 12.31 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BF078559.D
 Acq: 16 Apr 2015 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	236872		
176	19.4		15.4	23.0
179	16.1		12.2	18.2





#71

Anthracene

Concen: 14.60 ng m

RT: 12.37 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

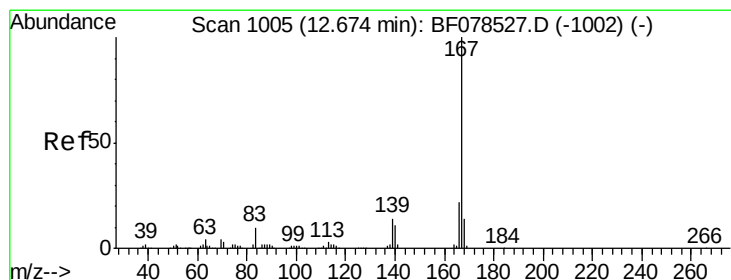
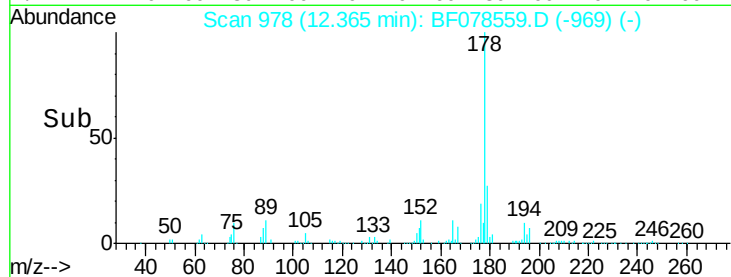
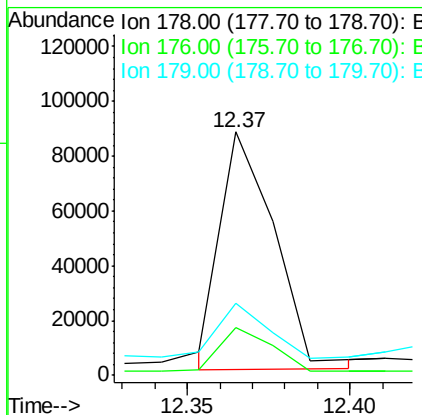
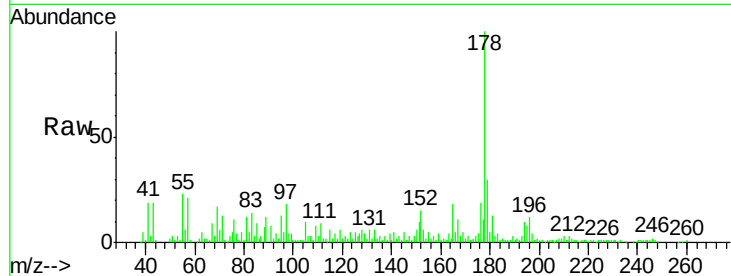
ClientSampleId :

LS-SB11A(6-12)MSD

Tgt Ion:	178	Resp:	100789
Ion Ratio	Lower	Upper	
178	100		
176	19.4	14.8	22.2
179	29.7	12.4	18.6#

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#72

Carbazole

Concen: 10.80 ng

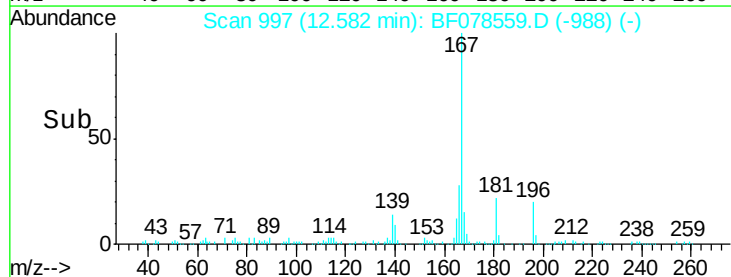
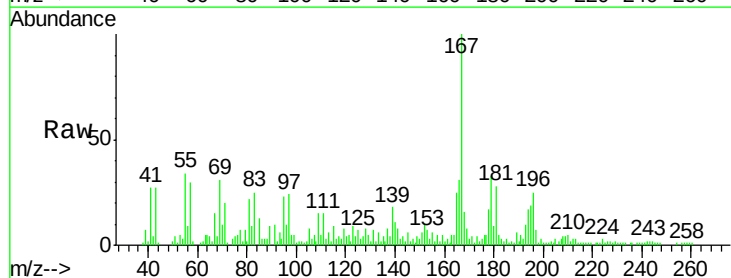
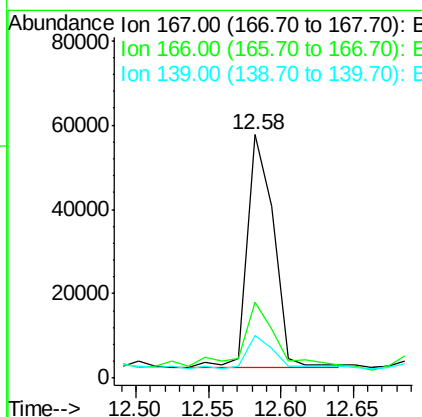
RT: 12.58 min Scan# 997

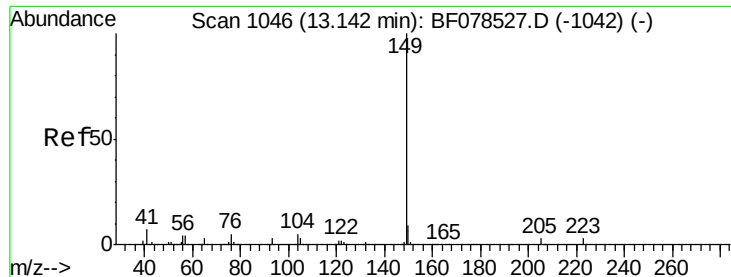
Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion:	167	Resp:	69899
Ion Ratio	Lower	Upper	
167	100		
166	31.1	16.8	25.2#
139	17.6	10.0	15.0#





#73

Di-n-butylphthalate

Concen: 8.64 ng

RT: 13.06 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

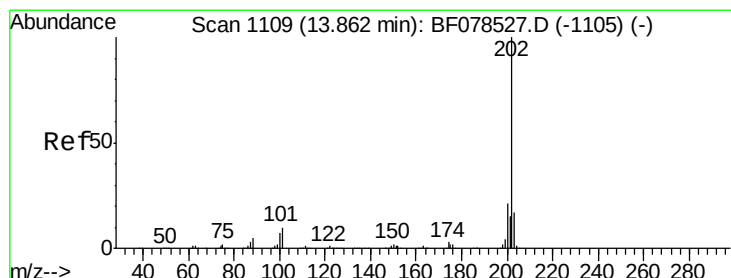
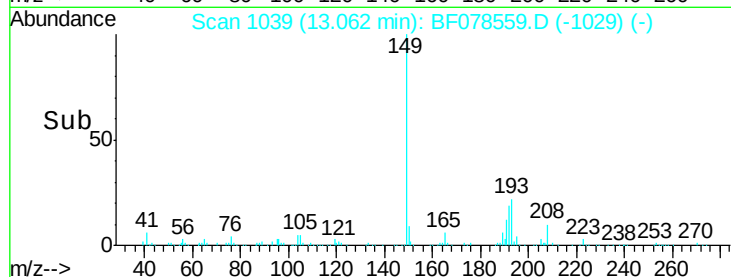
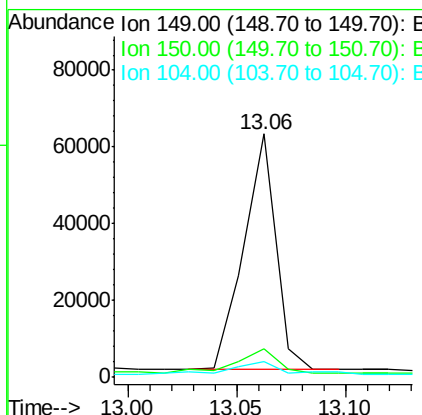
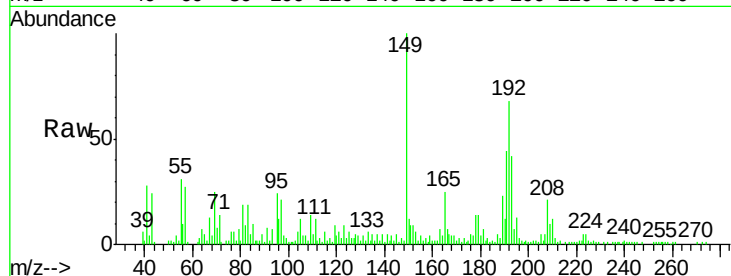
ClientSampleId :

LS-SB11A(6-12)MSD

Tgt Ion:	149	Resp:	63324
Ion Ratio	Lower	Upper	
149	100		
150	11.8	7.1	10.7#
104	6.4	3.8	5.6#

Manual Integrations
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#74

Fluoranthene

Concen: 39.70 ng

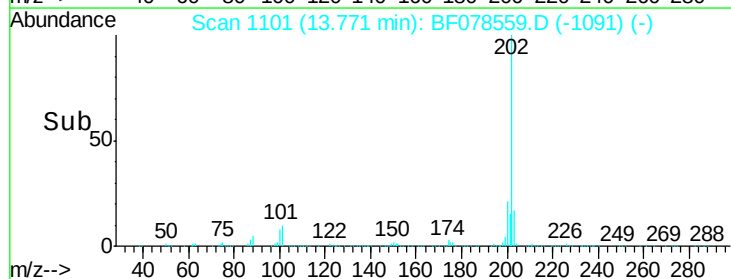
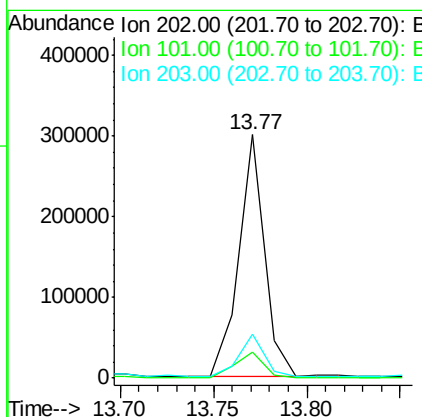
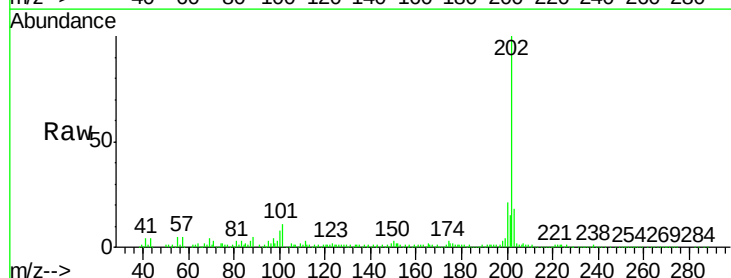
RT: 13.77 min Scan# 1101

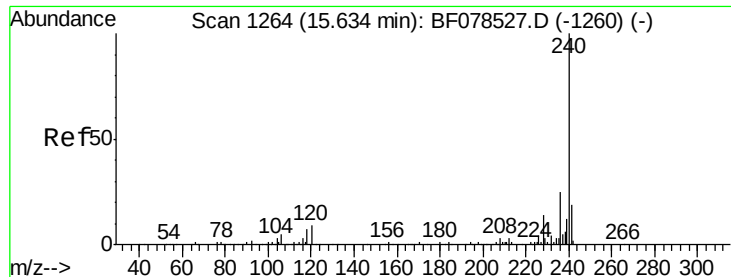
Delta R.T. 0.01 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion:	202	Resp:	293306
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	35.2
203	17.8	0.0	38.5





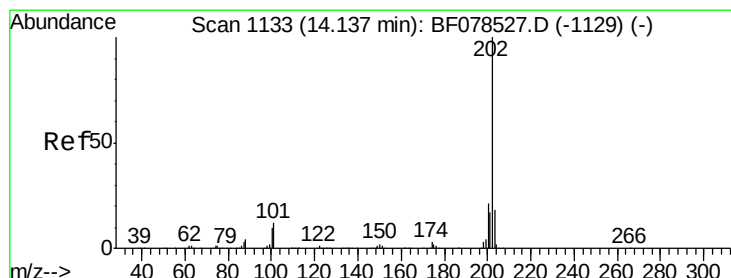
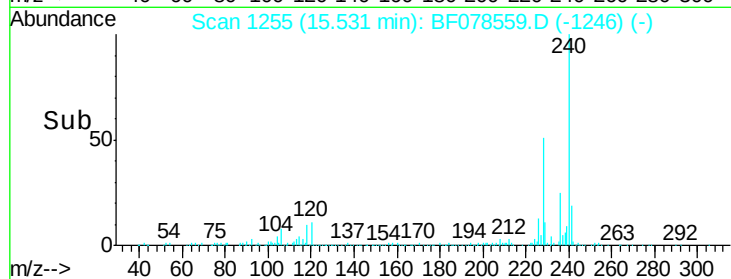
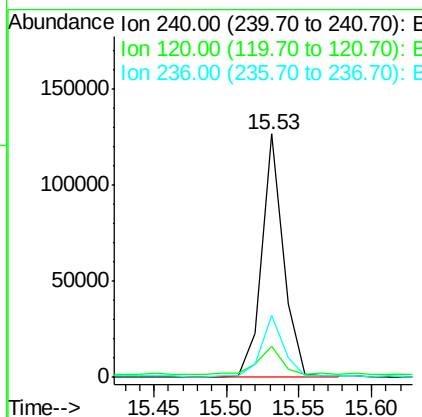
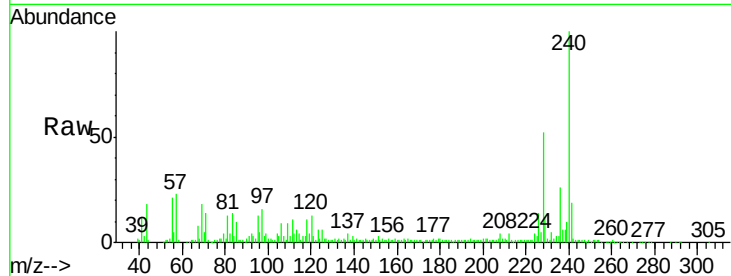
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF078559.D
Acq: 16 Apr 2015 2:38

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	12.6	7.1	10.7#
236	25.6	21.4	32.2

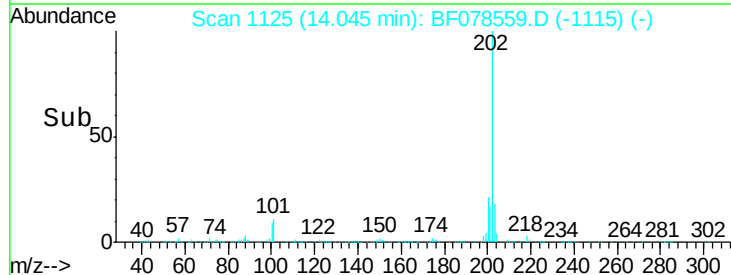
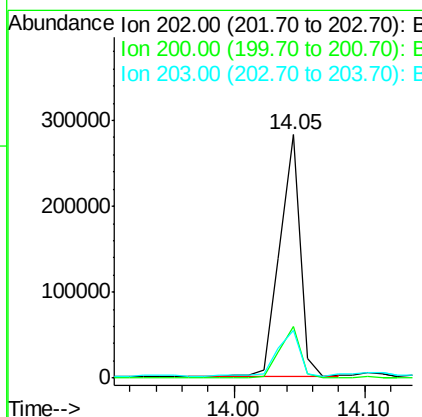
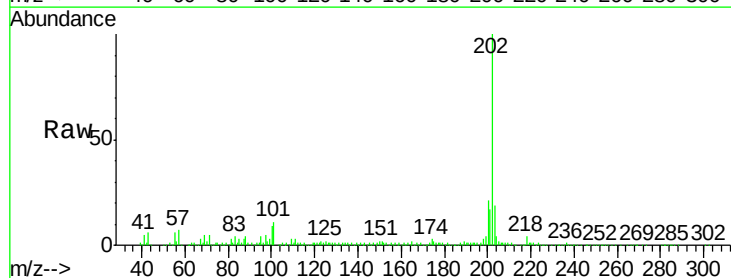
Manual Integrations
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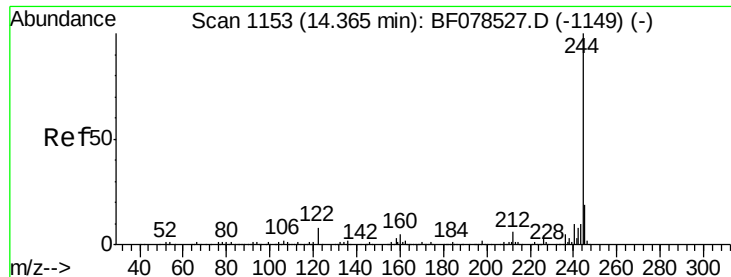
apatel
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#77
Pyrene
Concen: 37.33 ng
RT: 14.05 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF078559.D
Acq: 16 Apr 2015 2:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.1	16.3	24.5
203	19.4	13.8	20.6





#78

Terphenyl-d14

Concen: 14.12 ng

RT: 14.27 min Scan# 1145

Delta R.T. 0.01 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

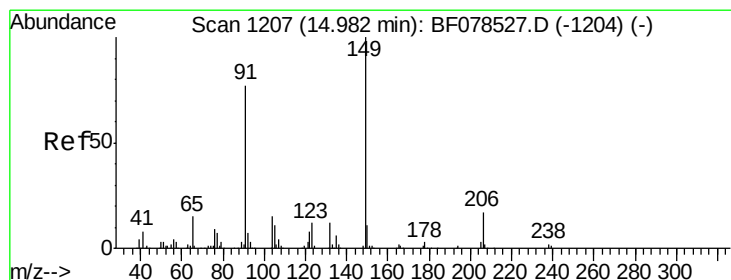
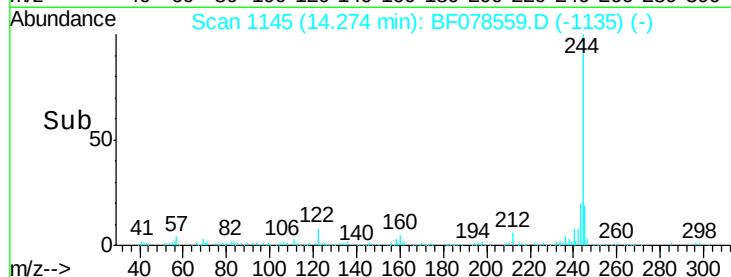
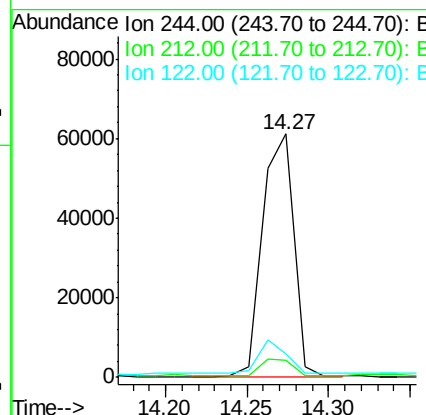
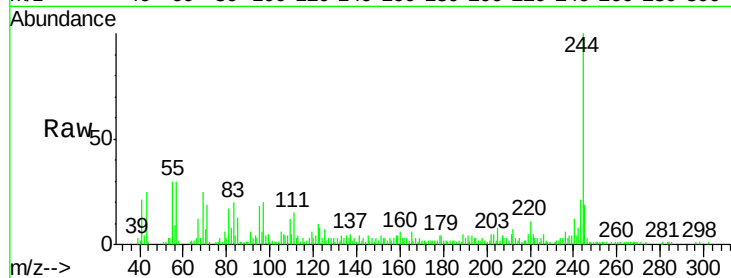
ClientSampleId :

LS-SB11A(6-12)MSD

Tgt Ion:	244	Resp:	82430
Ion Ratio		Lower	Upper
244	100		
212	7.1	5.0	7.4
122	9.7	7.1	10.7

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#79

Butylbenzylphthalate

Concen: 9.27 ng

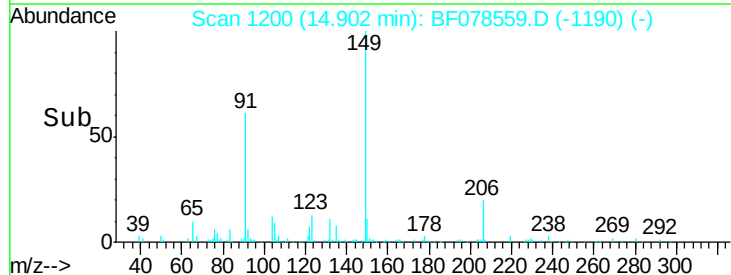
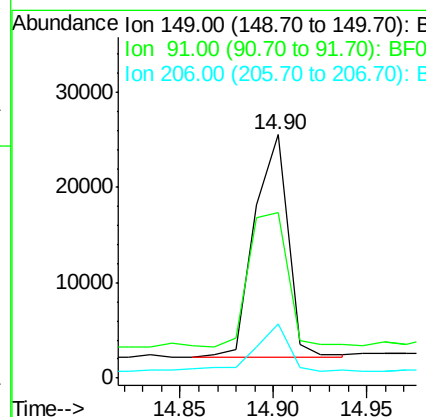
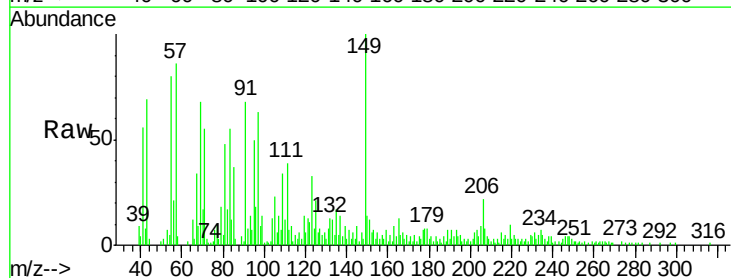
RT: 14.90 min Scan# 1200

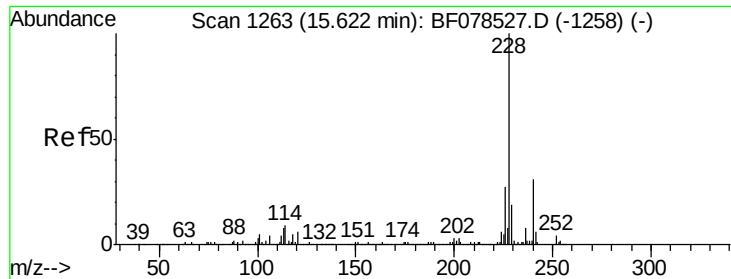
Delta R.T. 0.01 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion:	149	Resp:	29276
Ion Ratio		Lower	Upper
149	100		
91	67.9	64.2	96.2
206	22.2	12.6	18.8#





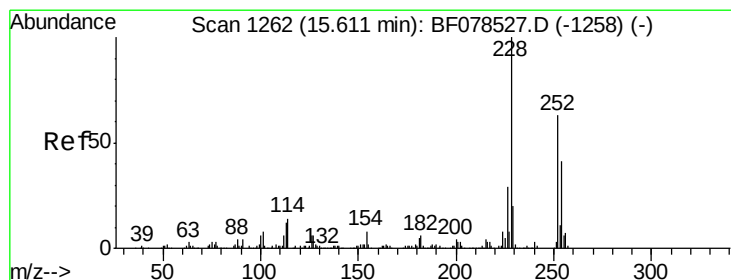
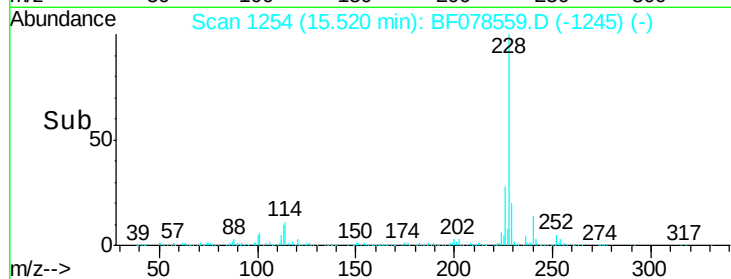
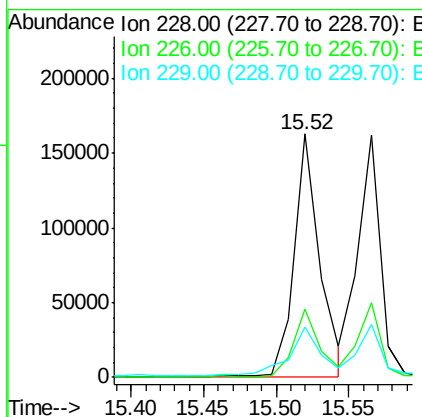
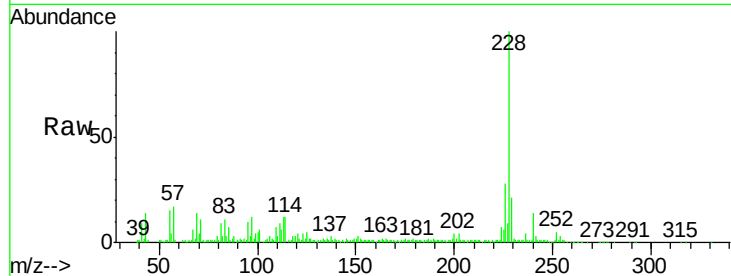
#80
Benzo(a)anthracene
Concen: 25.35 ng
RT: 15.52 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF078559.D
Acq: 16 Apr 2015 2:38

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

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.3	31.9
229	20.6	15.4	23.2

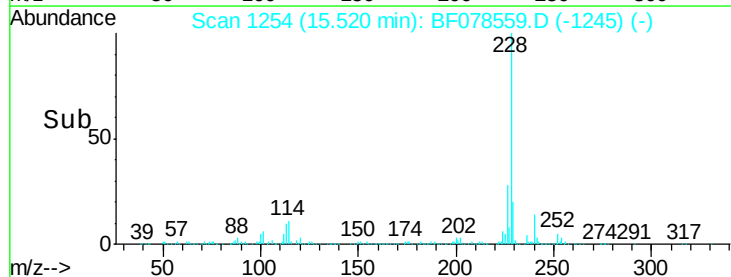
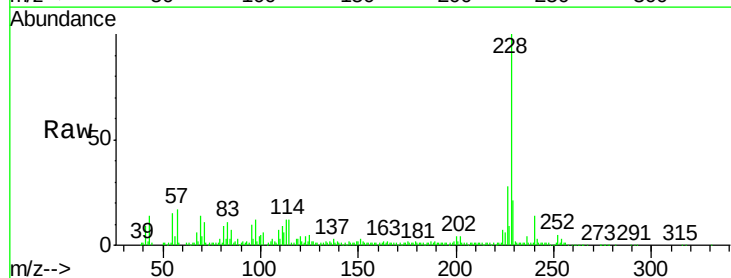
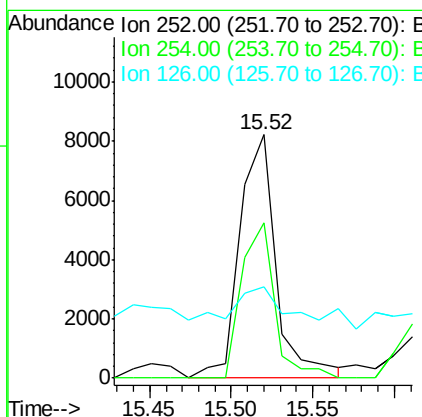
Manual Integrations
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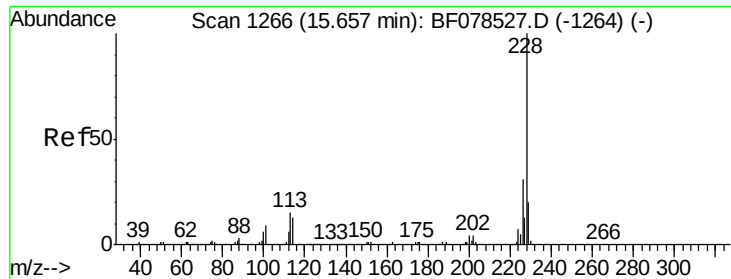
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#81
3,3'-Dichlorobenzidine
Concen: 4.85 ng
RT: 15.52 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF078559.D
Acq: 16 Apr 2015 2:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.2	76.8
126	37.4	6.3	9.5#





#82

Chrysene

Concen: 23.36 ng

RT: 15.57 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

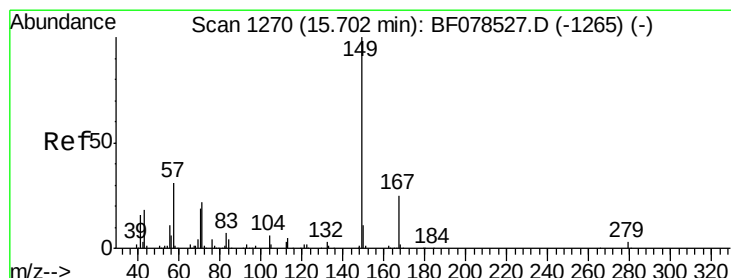
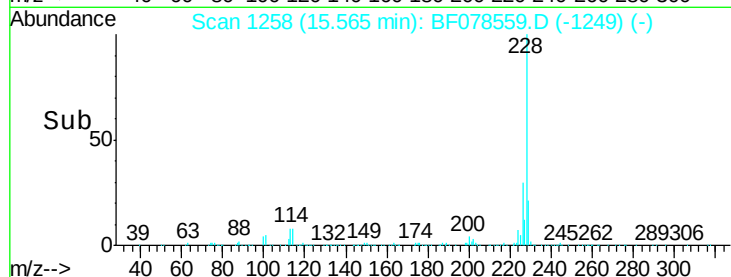
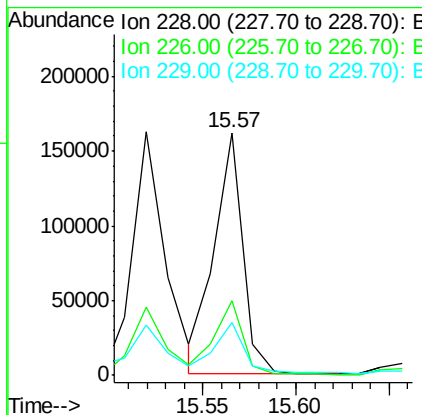
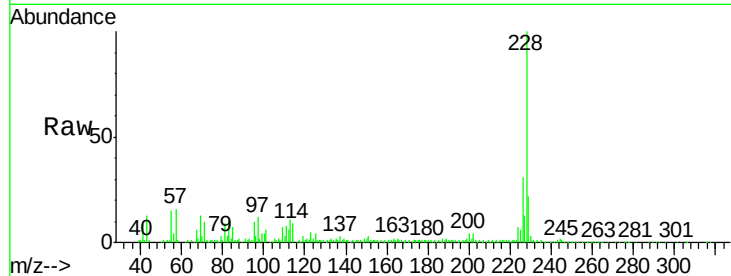
ClientSampleId :

LS-SB11A(6-12)MSD

Tgt Ion:	228	Resp:	172321
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.2	36.4
229	22.0	15.8	23.8

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 8.82 ng

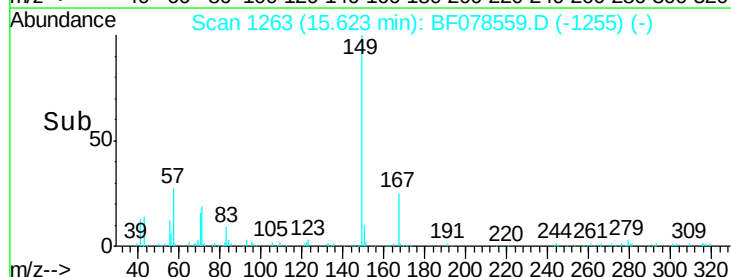
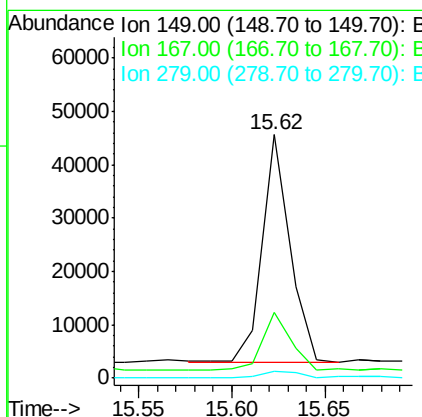
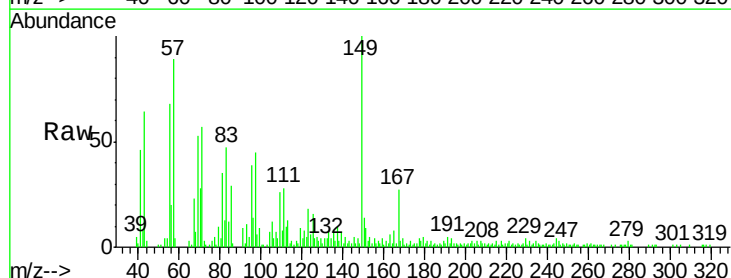
RT: 15.62 min Scan# 1263

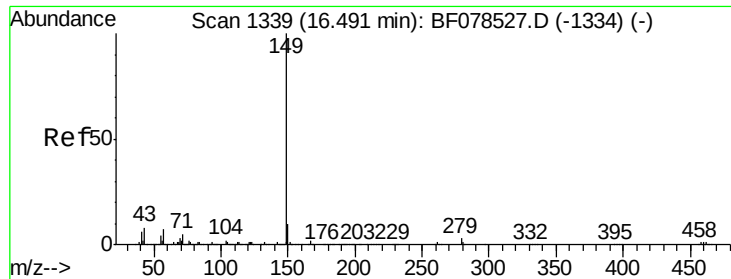
Delta R.T. -0.01 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion:	149	Resp:	43661
Ion Ratio	Lower	Upper	
149	100		
167	26.8	22.2	33.2
279	2.9	3.2	4.8#





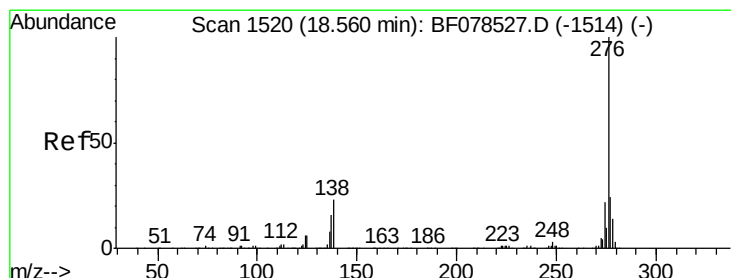
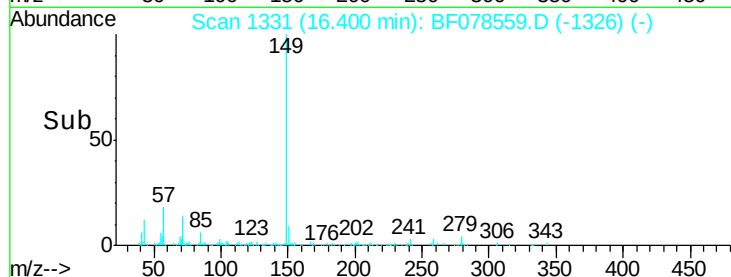
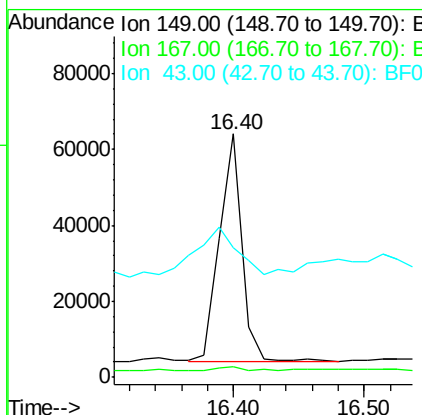
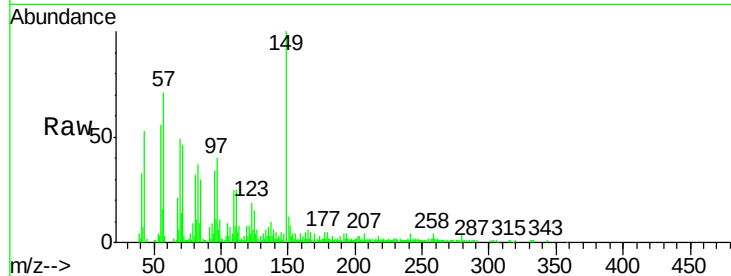
#84
Di-n-octyl phthalate
Concen: 8.99 ng
RT: 16.40 min Scan# 1331
Delta R.T. -0.05 min
Lab File: BF078559.D
Acq: 16 Apr 2015 2:38

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	2.3	0.0	0.0#
43	25.9	0.0	0.0#

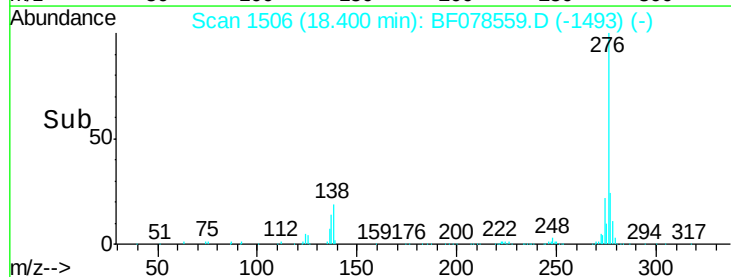
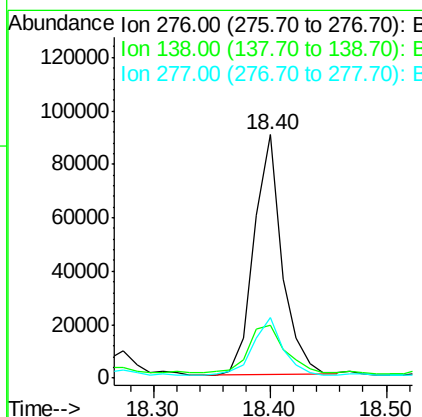
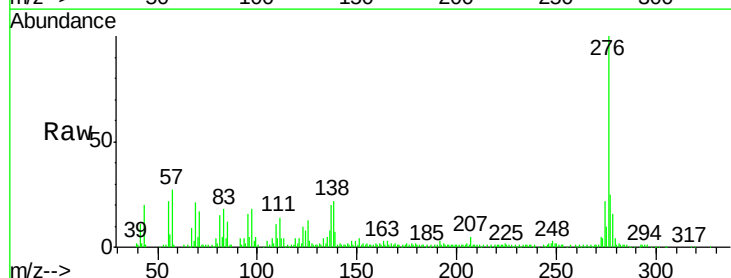
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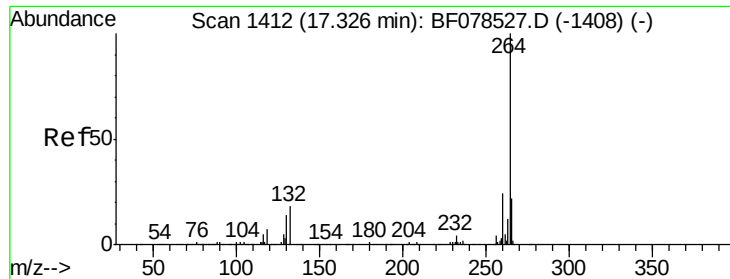
apatel
4/16/2015 3:31:22 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 17.89 ng m
RT: 18.40 min Scan# 1506
Delta R.T. -0.15 min
Lab File: BF078559.D
Acq: 16 Apr 2015 2:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	2.4	16.9	25.3#
277	1.2	15.8	23.6#





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.21 min Scan# 1402

Delta R.T. -0.09 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

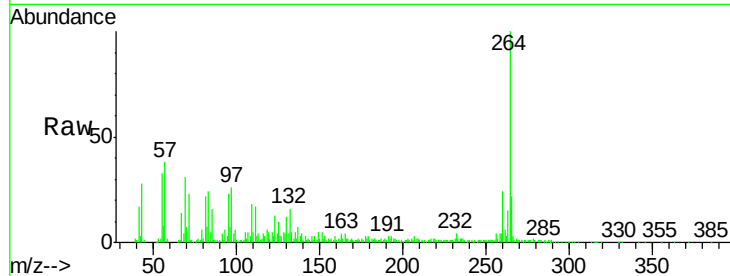
ClientSampleId :

LS-SB11A(6-12)MSD

Tgt Ion:	264	Resp:	129788
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.6	27.8
265	22.1	17.0	25.6

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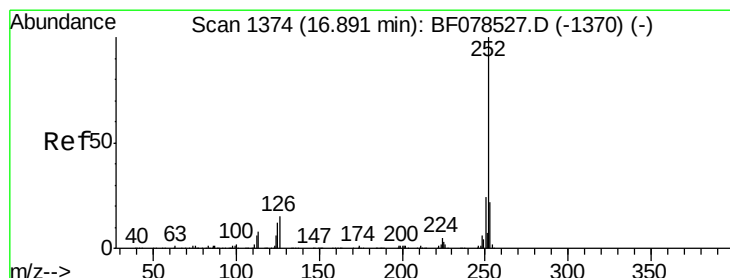
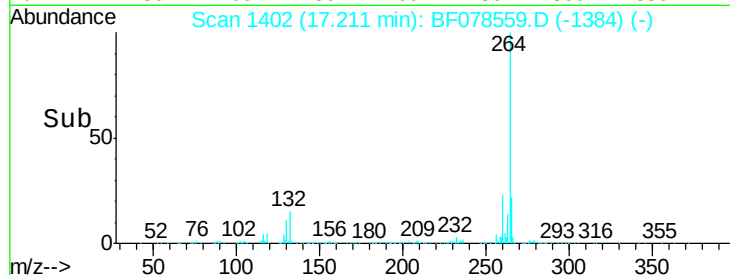
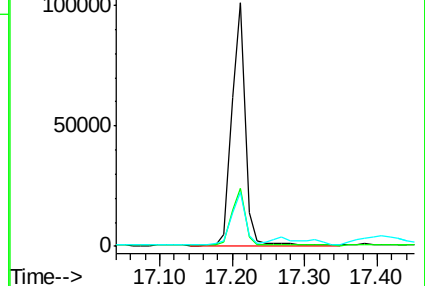
apatel
4/16/2015 3:31:22 PM



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 28.48 ng

RT: 16.79 min Scan# 1365

Delta R.T. -0.06 min

Lab File: BF078559.D

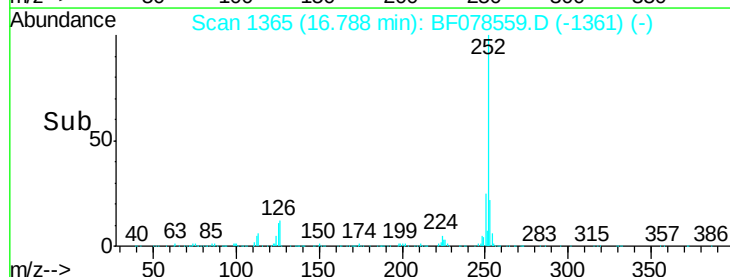
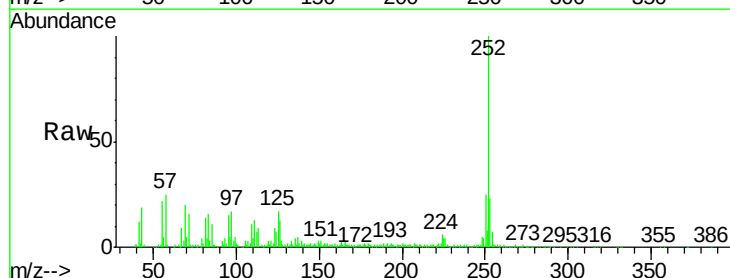
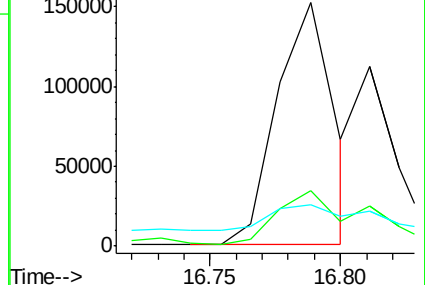
Acq: 16 Apr 2015 2:38

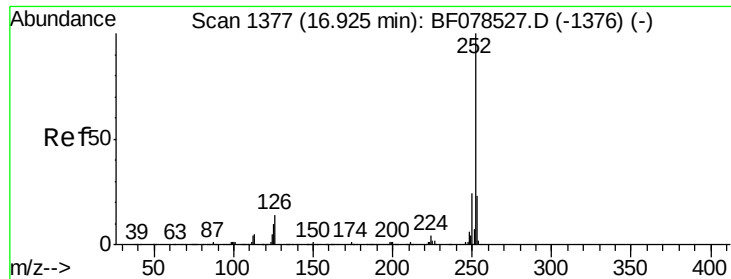
Tgt Ion:	252	Resp:	228421
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.2	25.8
125	16.8	7.0	10.4#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 15.98 ng m

RT: 16.81 min Scan# 1367

Delta R.T. -0.07 min

Lab File: BF078559.D

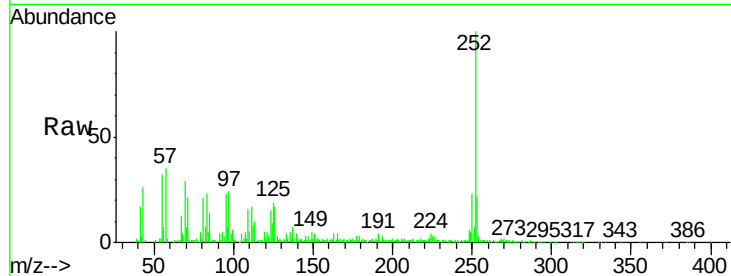
Acq: 16 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

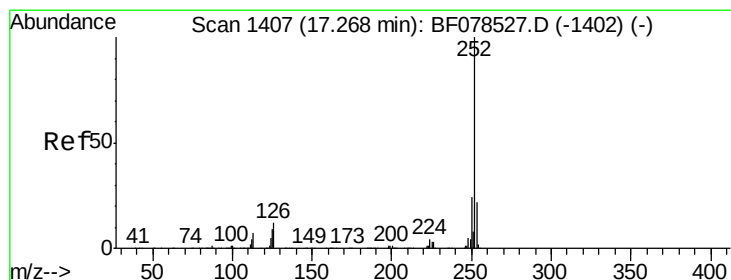
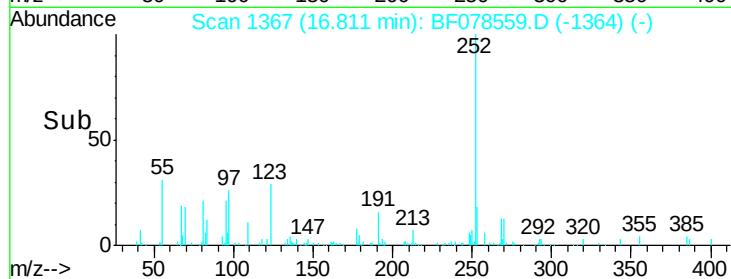
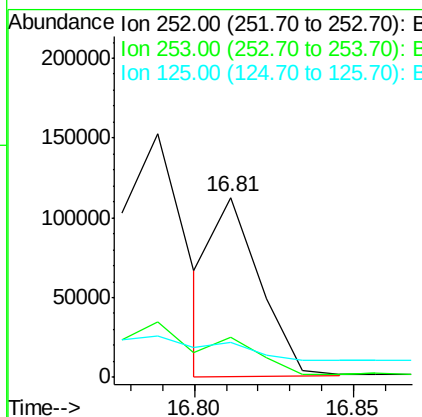
LS-SB11A(6-12)MSD



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	19.3	11.6	17.4

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#89

Benzo(a)pyrene

Concen: 24.58 ng

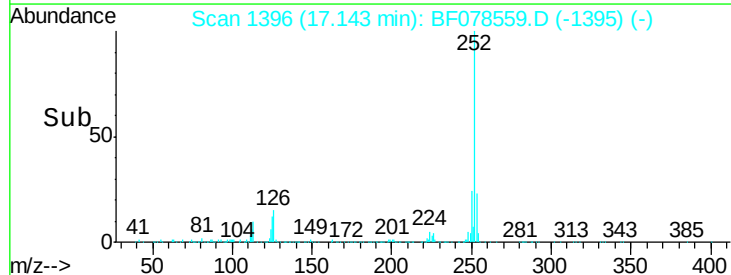
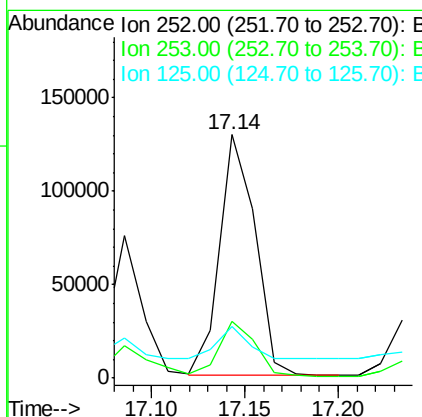
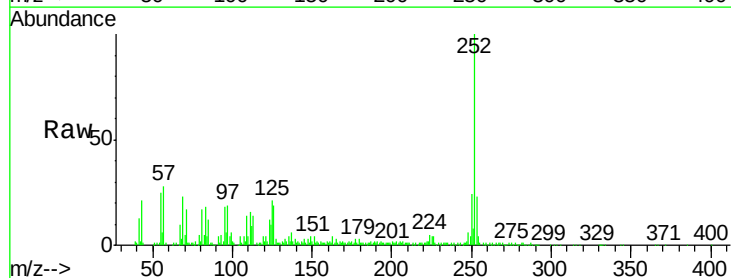
RT: 17.14 min Scan# 1396

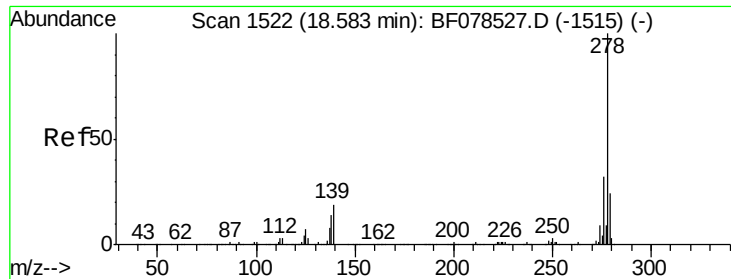
Delta R.T. -0.09 min

Lab File: BF078559.D

Acq: 16 Apr 2015 2:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	16.8	25.2
125	21.3	7.4	11.0





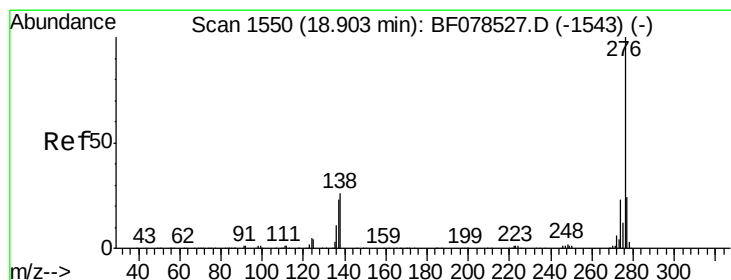
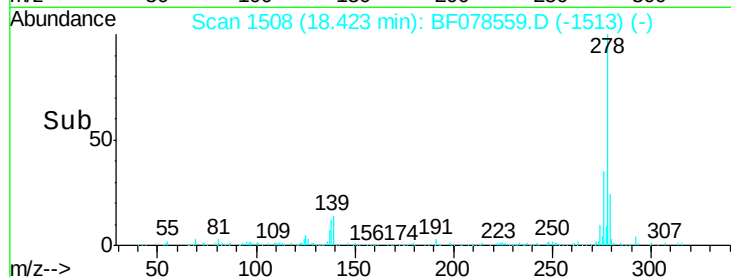
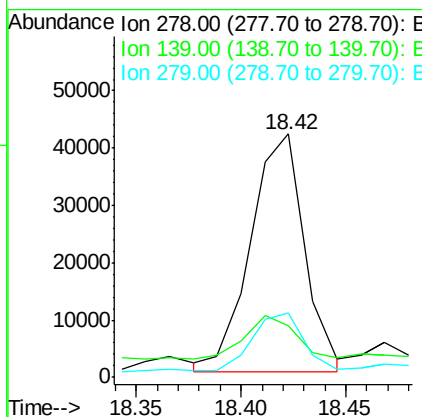
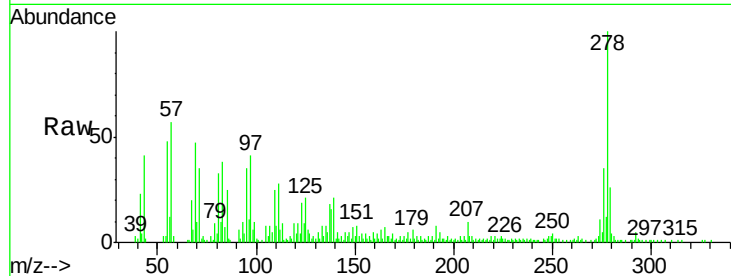
#90
Dibenzo(a,h)anthracene
Concen: 10.69 ng m
RT: 18.42 min Scan# 1508
Delta R.T. -0.16 min
Lab File: BF078559.D
Acq: 16 Apr 2015 2:38

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

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	13.6	20.4#
279	26.3	19.0	28.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 21.14 ng m
RT: 18.73 min Scan# 1535
Delta R.T. -0.15 min
Lab File: BF078559.D
Acq: 16 Apr 2015 2:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.0	28.4
138	22.5	19.9	29.9

