

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
 Data File : BF081687.D
 Acq On : 17 Sep 2015 20:06
 Operator : UM/IZ
 Sample : G3620-03MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MSD

Quant Time: Sep 18 07:15:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	46011	20.00	ng	-0.04
21) Naphthalene-d8	11.08	136	180771	20.00	ng	-0.04
38) Acenaphthene-d10	15.20	164	85098	20.00	ng	-0.06
63) Phenanthrene-d10	18.71	188	164316	20.00	ng	-0.04
75) Chrysene-d12	23.35	240	100494	20.00	ng	-0.03
86) Perylene-d12	24.79	264	73255	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	415136	139.99	ng	0.00
7) Phenol-d6	7.62	99	580357	147.85	ng	-0.02
23) Nitrobenzene-d5	9.49	82	382128	101.99	ng	-0.04
41) 2,4,6-Tribromophenol	17.12	330	115045	151.83	ng	-0.04
44) 2-Fluorobiphenyl	13.73	172	647185	97.46	ng	-0.04
78) Terphenyl-d14	22.07	244	516632	119.67	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.60	88	49265m	36.99	ng	
3) Pyridine	2.12	79	110133	29.99	ng	# 80
4) n-Nitrosodimethylamine	2.09	42	103470	50.71	ng	# 58
6) Aniline	7.49	93	156762	28.28	ng	# 86
8) 2-Chlorophenol	7.73	128	154680	47.33	ng	# 77
9) Benzaldehyde	7.20	77	78503	31.92	ng	# 74
10) Phenol	7.64	94	198285	43.56	ng	# 49
11) bis(2-Chloroethyl)ether	7.72	93	159121	48.45	ng	# 75
12) 1,3-Dichlorobenzene	8.04	146	154775	44.33	ng	# 89
13) 1,4-Dichlorobenzene	8.22	146	156706	44.08	ng	# 90
14) 1,2-Dichlorobenzene	8.54	146	153341	47.91	ng	# 92
15) Benzyl Alcohol	8.63	79	158044	49.08	ng	# 72
16) 2,2'-oxybis(1-Chloropropan	8.94	45	331049	52.59	ng	94
17) 2-Methylphenol	8.96	107	125551	48.15	ng	# 78
18) Hexachloroethane	9.27	117	64473	46.61	ng	# 87
19) n-Nitroso-di-n-propylamine	9.26	70	130081	48.69	ng	# 89
20) 3+4-Methylphenols	9.34	107	166711	47.42	ng	82
22) Acetophenone	9.17	105	235406	47.68	ng	# 74
24) Nitrobenzene	9.52	77	193058	49.62	ng	# 60
25) Isophorone	10.12	82	334671	48.02	ng	# 83
26) 2-Nitrophenol	10.25	139	80150	47.26	ng	# 27
27) 2,4-Dimethylphenol	10.53	122	138850	47.40	ng	# 75
28) bis(2-Chloroethoxy)methane	10.72	93	199010	49.44	ng	# 91
29) 2,4-Dichlorophenol	10.87	162	123616	48.67	ng	95
30) 1,2,4-Trichlorobenzene	10.98	180	131091	47.51	ng	97
31) Naphthalene	11.12	128	455613	47.26	ng	98
33) 4-Chloroaniline	11.36	127	87626	22.28	ng	# 81
34) Hexachlorobutadiene	11.48	225	84659	50.41	ng	98
35) Caprolactam	12.30	113	36395m	46.72	ng	
36) 4-Chloro-3-methylphenol	12.70	107	151907	53.43	ng	# 78
37) 2-Methylnaphthalene	12.78	142	303648	48.40	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	13.18	216	128685	47.82	ng	97
40) Hexachlorocyclopentadiene	13.17	237	107311	81.25	ng	96
42) 2,4,6-Trichlorophenol	13.53	196	85967	46.29	ng	98

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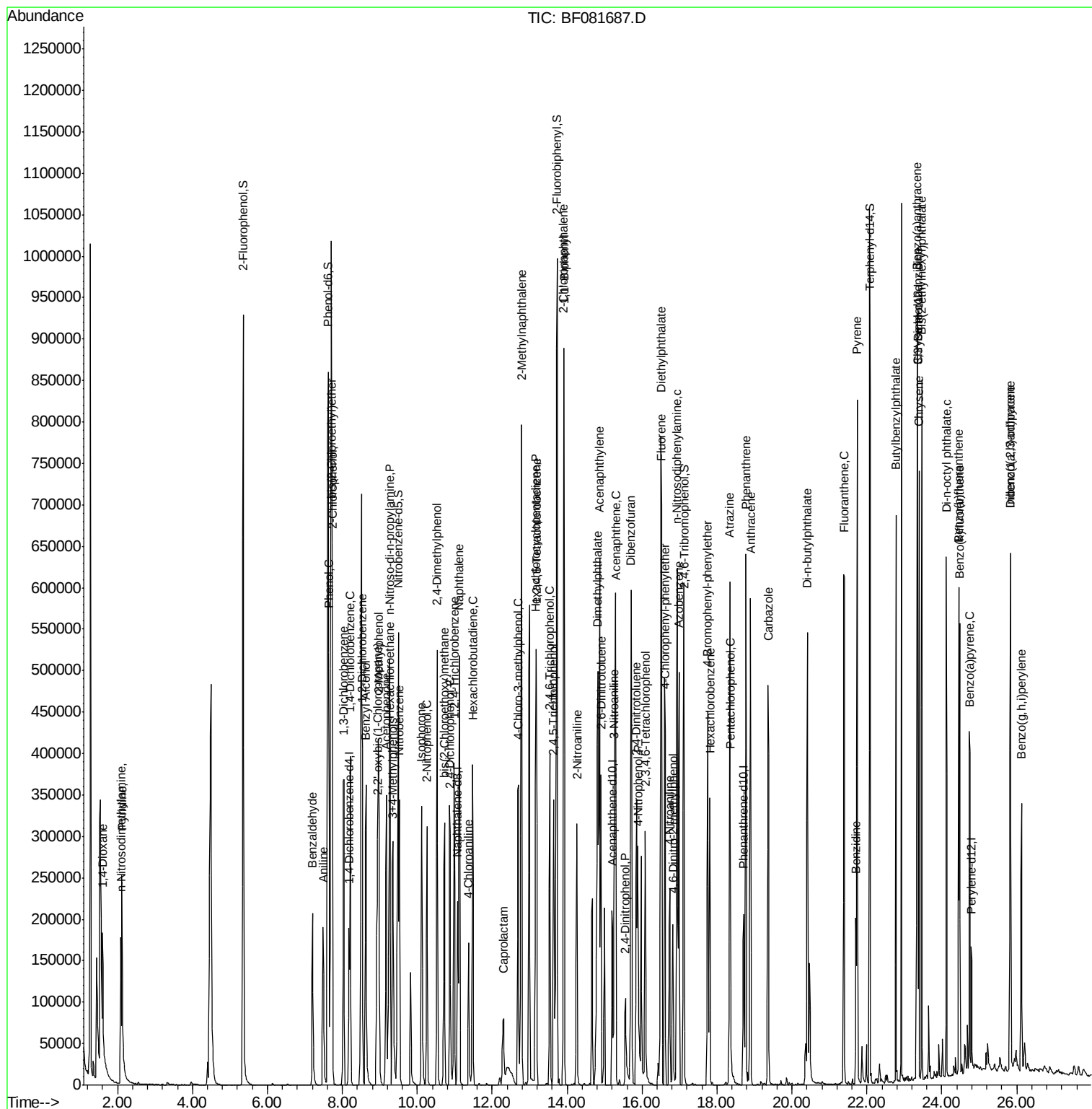
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.64	196	89256	47.10	ng	# 85
45) 1,1'-Biphenyl	13.92	154	366038	46.75	ng	95
46) 2-Chloronaphthalene	13.91	162	270370	47.82	ng	# 87
47) 2-Nitroaniline	14.27	65	116446	50.53	ng	# 64
48) Acenaphthylene	14.86	152	457987	45.66	ng	97
49) Dimethylphthalate	14.81	163	453400	68.58	ng	# 96
50) 2,6-Dinitrotoluene	14.91	165	66396	44.25	ng	# 33
51) Acenaphthene	15.29	154	261111	45.76	ng	90
52) 3-Nitroaniline	15.26	138	55163	32.29	ng	# 46
53) 2,4-Dinitrophenol	15.56	184	33090	46.29	ng	# 36
54) Dibenzofuran	15.71	168	408012	48.97	ng	# 84
55) 4-Nitrophenol	15.89	139	92372	86.07	ng	# 18
56) 2,4-Dinitrotoluene	15.85	165	93553	48.96	ng	# 57
57) Fluorene	16.52	166	317877	50.27	ng	96
58) 2,3,4,6-Tetrachlorophenol	16.08	232	74003	51.15	ng	91
59) Diethylphthalate	16.51	149	347850	50.02	ng	97
60) 4-Chlorophenyl-phenylether	16.62	204	150735	51.15	ng	# 89
61) 4-Nitroaniline	16.73	138	64137	37.16	ng	# 15
62) Azobenzene	16.99	77	393529	50.89	ng	83
64) 4,6-Dinitro-2-methylphenol	16.83	198	39861	43.37	ng	90
65) n-Nitrosodiphenylamine	16.94	169	270990	45.32	ng	92
66) 4-Bromophenyl-phenylether	17.75	248	82594	49.71	ng	# 83
67) Hexachlorobenzene	17.81	284	83360	47.99	ng	# 92
68) Atrazine	18.35	200	86397	49.93	ng	# 77
69) Pentachlorophenol	18.36	266	65419	77.64	ng	98
70) Phenanthrene	18.77	178	441674	48.35	ng	97
71) Anthracene	18.89	178	425299	45.32	ng	98
72) Carbazole	19.36	167	401824	45.63	ng	96
73) Di-n-butylphthalate	20.41	149	517397	49.75	ng	# 98
74) Fluoranthene	21.40	202	467414	47.27	ng	86
76) Benzidine	21.71	184	109200	25.31	ng	98
77) Pyrene	21.74	202	453938	60.98	ng	98
79) Butylbenzylphthalate	22.77	149	185000	57.14	ng	# 74
80) Benzo(a)anthracene	23.34	228	316387	49.44	ng	97
81) 3,3'-Dichlorobenzidine	23.35	252	69982	32.42	ng	# 93
82) Chrysene	23.39	228	303106	52.83	ng	96
83) Bis(2-ethylhexyl)phthalate	23.47	149	254297	59.52	ng	# 91
84) Di-n-octyl phthalate	24.12	149	339141	48.21	ng	95
85) Indeno(1,2,3-cd)pyrene	25.83	276	257537	61.19	ng	# 83
87) Benzo(b)fluoranthene	24.45	252	260745m	49.86	ng	
88) Benzo(k)fluoranthene	24.47	252	210741m	48.56	ng	
89) Benzo(a)pyrene	24.75	252	237834	53.67	ng	# 81
90) Dibenzo(a,h)anthracene	25.83	278	201936	58.97	ng	# 81
91) Benzo(g,h,i)perylene	26.13	276	214473	65.62	ng	# 72

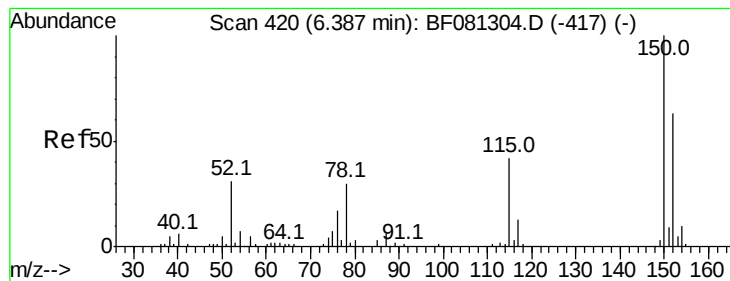
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 620

Delta R.T. -0.04 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

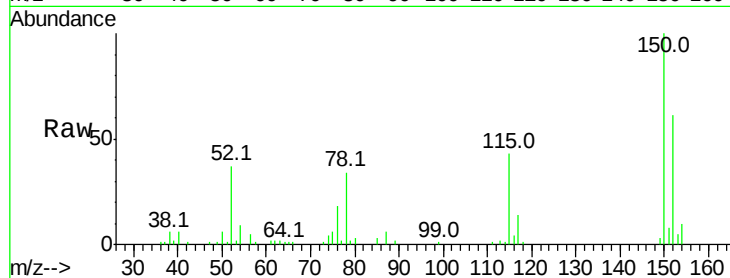
Tgt Ion:152 Resp: 46011

Ion Ratio Lower Upper

152 100

150 162.9 124.7 187.1

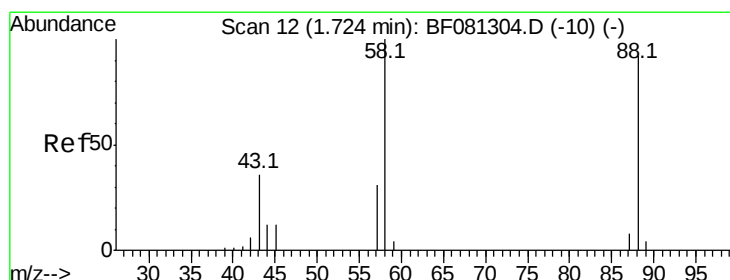
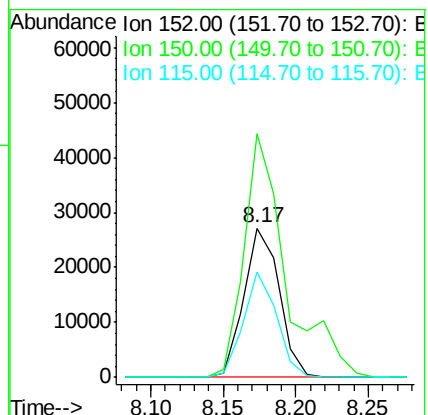
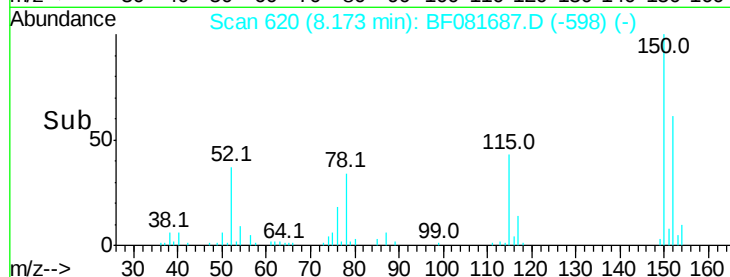
115 70.8 39.0 58.4#



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: 36.99 ng m

RT: 1.60 min Scan# 45

Delta R.T. 0.04 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

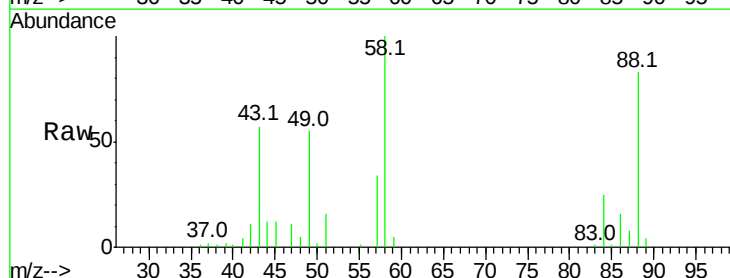
Tgt Ion: 88 Resp: 49265

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

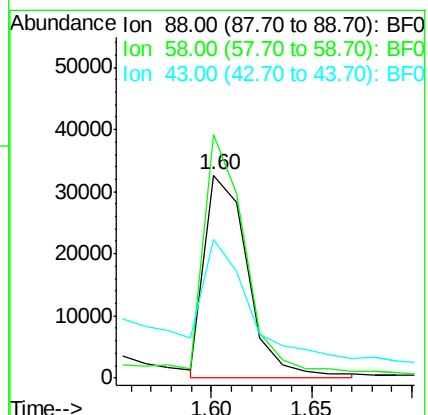
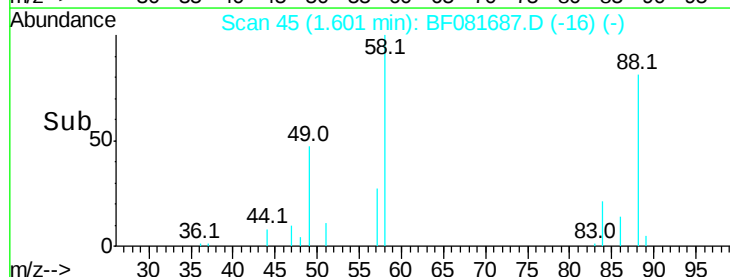
43 0.0 26.6 40.0#

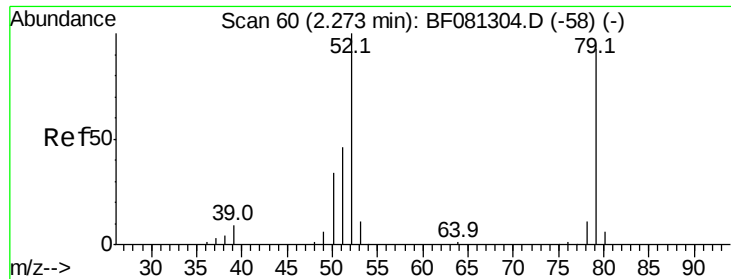


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.99 ng

RT: 2.12 min Scan# 90

Delta R.T. 0.04 min

Lab File: BF081687.D

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ClientSampleId :

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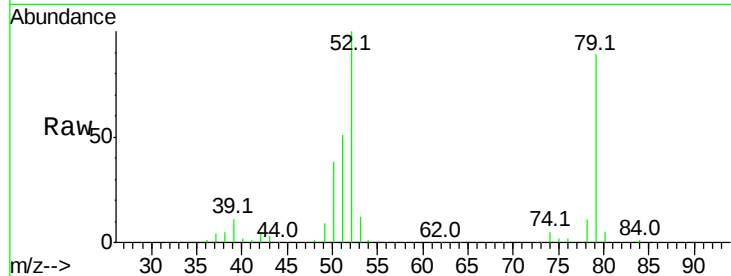
Tgt Ion: 79 Resp: 110133

Ion Ratio Lower Upper

79 100

52 112.3 76.8 115.2

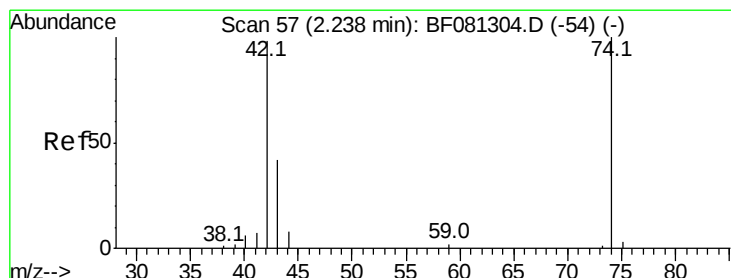
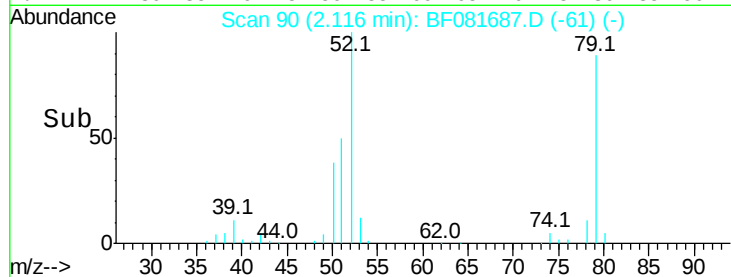
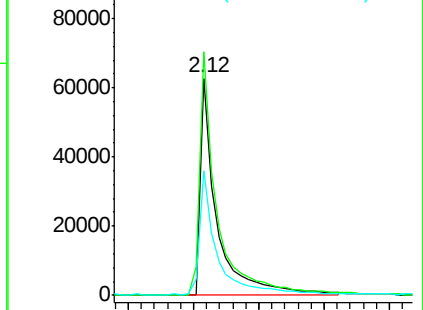
51 57.6 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 50.71 ng

RT: 2.09 min Scan# 88

Delta R.T. 0.04 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

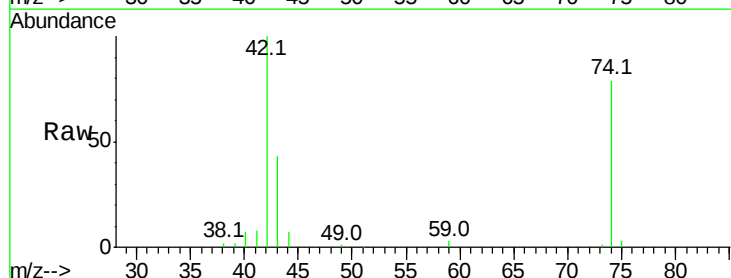
Tgt Ion: 42 Resp: 103470

Ion Ratio Lower Upper

42 100

74 79.0 105.0 157.6#

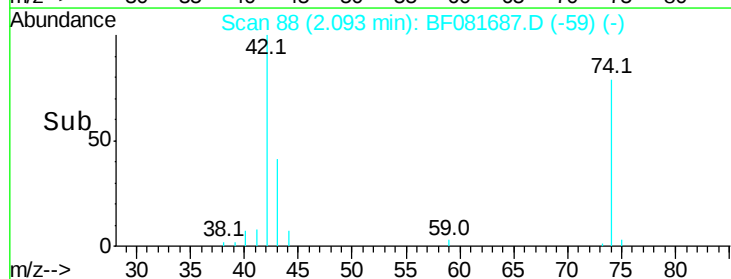
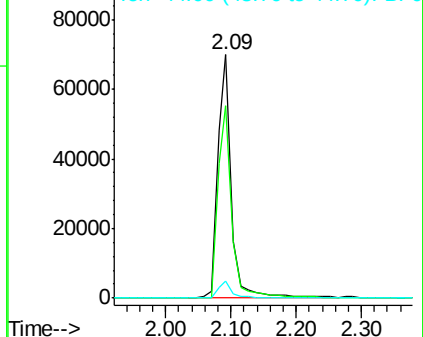
44 6.9 6.6 10.0

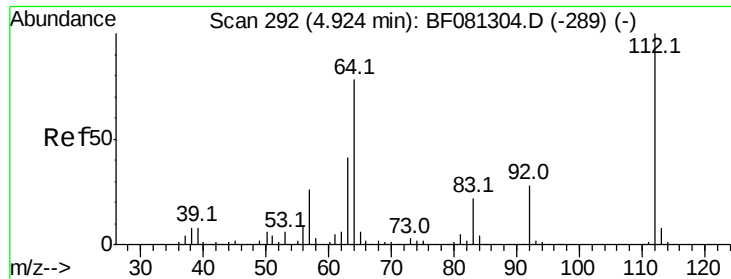


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 139.99 ng

RT: 5.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

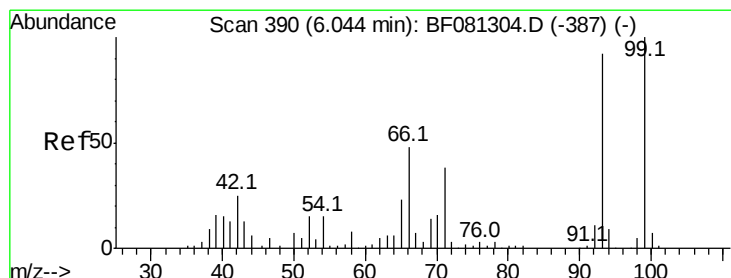
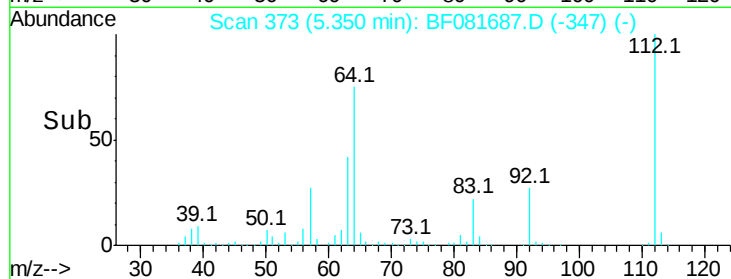
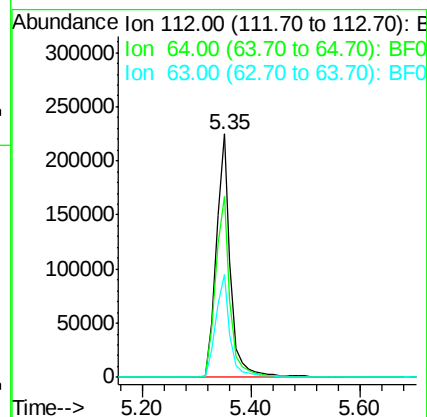
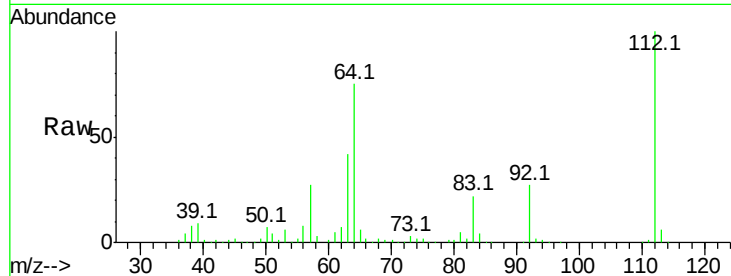
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Tgt Ion:	112	Resp:	415136
Ion Ratio	Lower	Upper	
112	100		
64	74.5	39.7	59.5#
63	42.2	17.4	26.0#



#6

Aniline

Concen: 28.28 ng

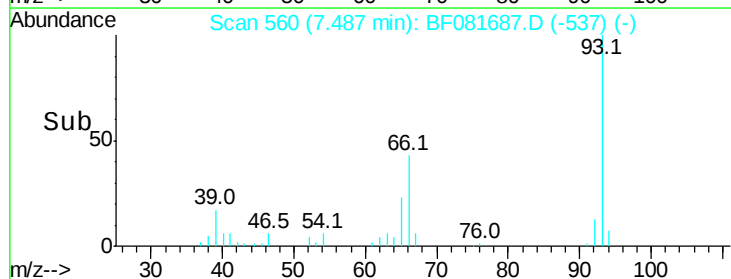
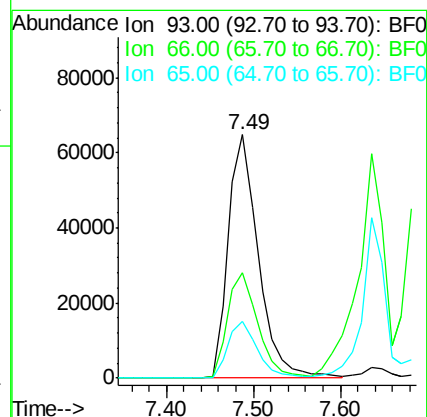
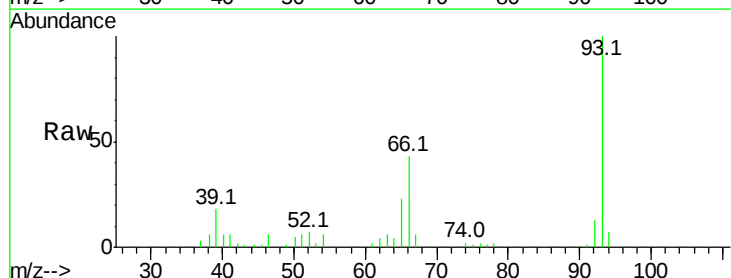
RT: 7.49 min Scan# 560

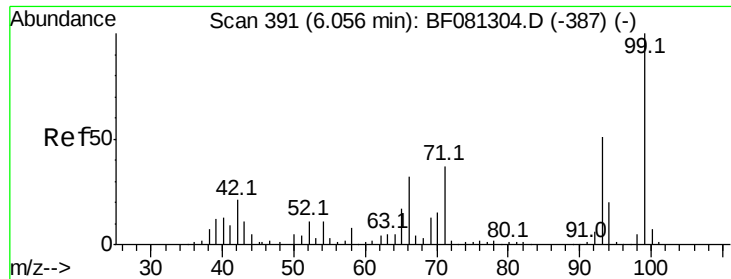
Delta R.T. -0.03 min

Lab File: BF081687.D

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Tgt Ion:	93	Resp:	156762
Ion Ratio	Lower	Upper	
93	100		
66	43.4	27.2	40.8#
65	23.3	14.7	22.1#





#7

Phenol-d6

Concen: 147.85 ng

RT: 7.62 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF081687.D

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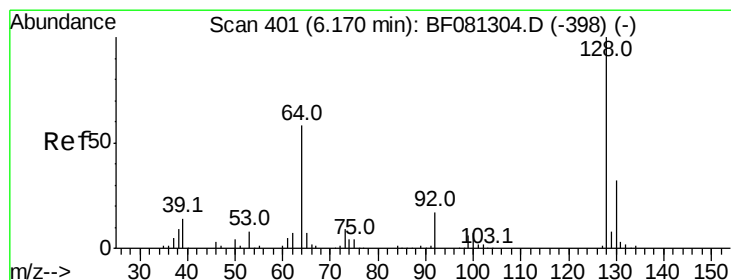
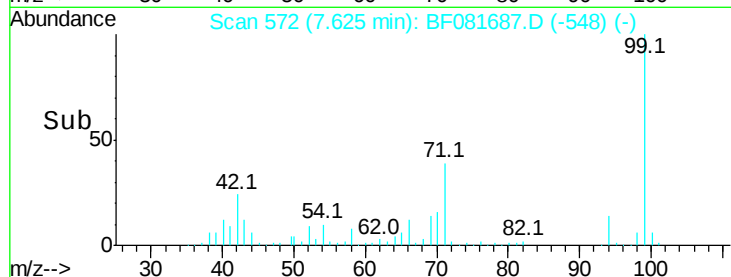
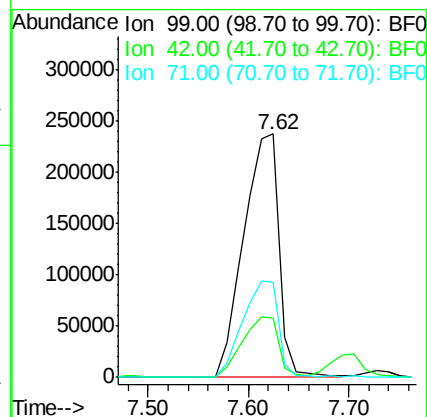
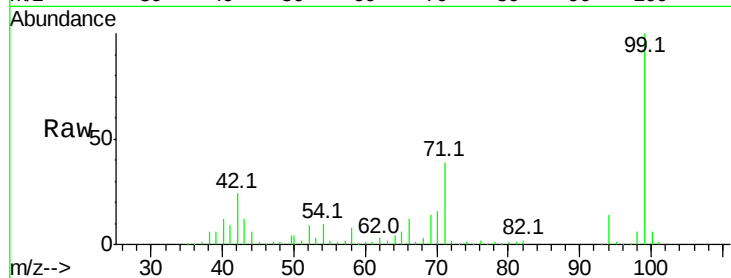
Tgt Ion: 99 Resp: 580357

Ion Ratio Lower Upper

99 100

42 24.2 13.7 20.5#

71 39.2 14.2 21.2#



#8

2-Chlorophenol

Concen: 47.33 ng

RT: 7.73 min Scan# 581

Delta R.T. -0.04 min

Lab File: BF081687.D

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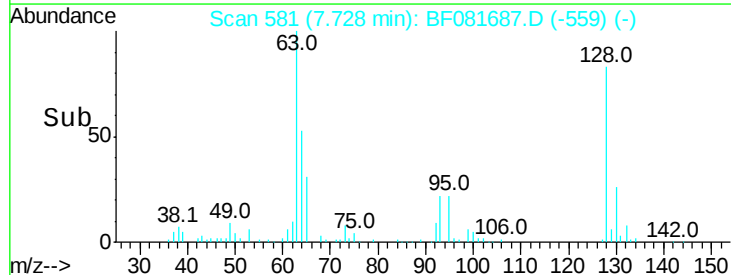
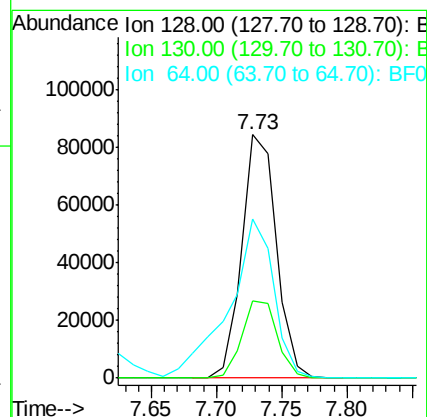
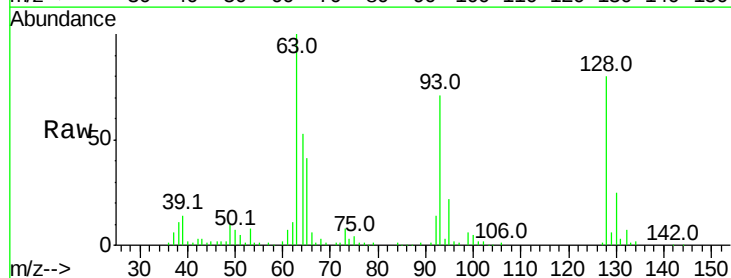
Tgt Ion: 128 Resp: 154680

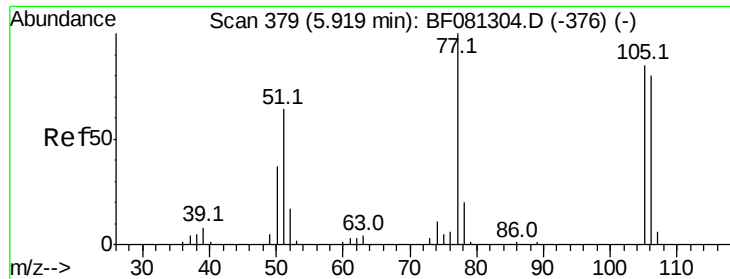
Ion Ratio Lower Upper

128 100

130 31.7 12.2 52.2

64 65.6 20.5 60.5#





#9

Benzaldehyde

Concen: 31.92 ng

RT: 7.20 min Scan# 535

Delta R.T. -0.03 min

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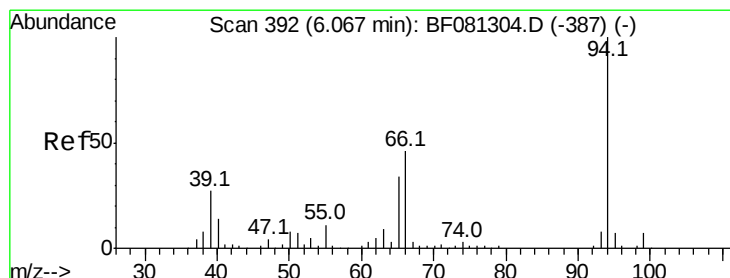
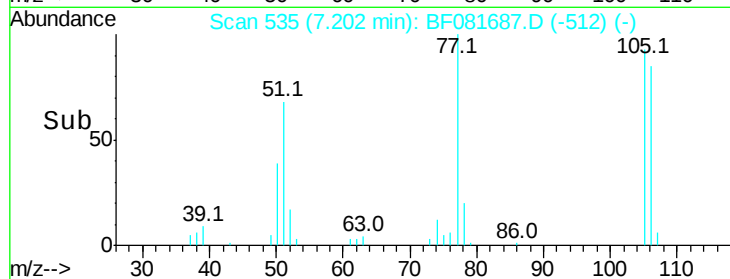
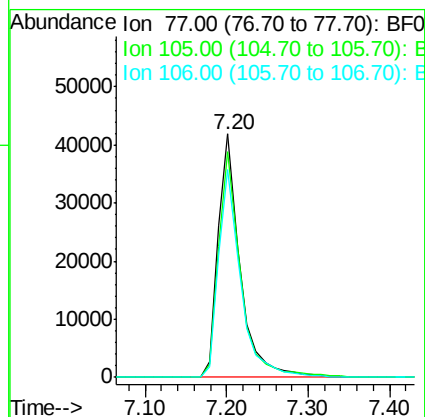
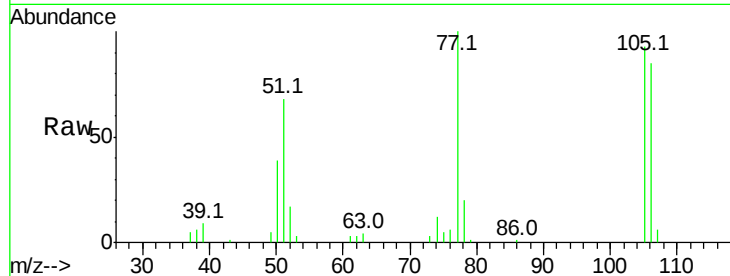
Tgt Ion: 77 Resp: 78503

Ion Ratio Lower Upper

77 100

105 92.6 91.6 131.6

106 85.4 102.6 142.6#



#10

Phenol

Concen: 43.56 ng

RT: 7.64 min Scan# 573

Delta R.T. -0.03 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

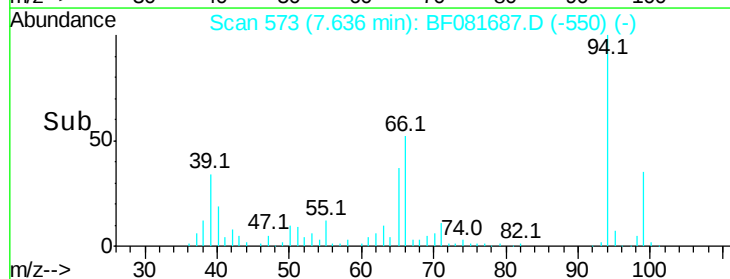
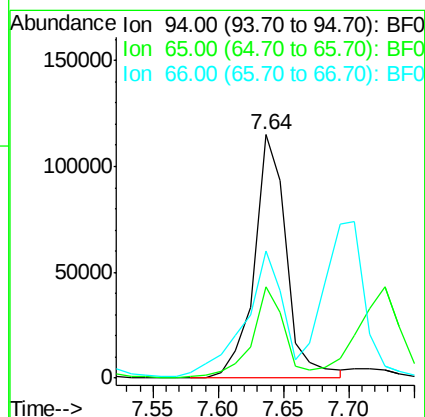
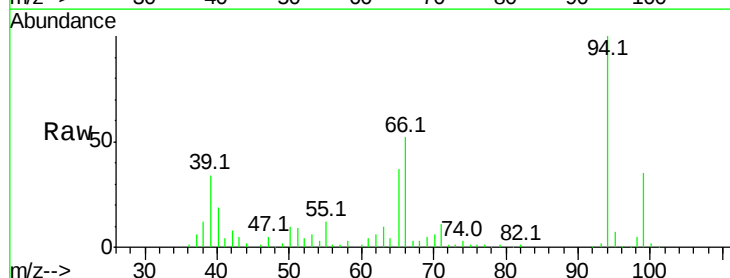
Tgt Ion: 94 Resp: 198285

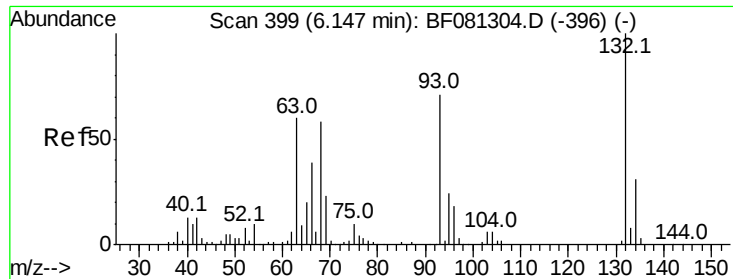
Ion Ratio Lower Upper

94 100

65 37.3 0.7 40.7

66 52.1 0.8 40.8#

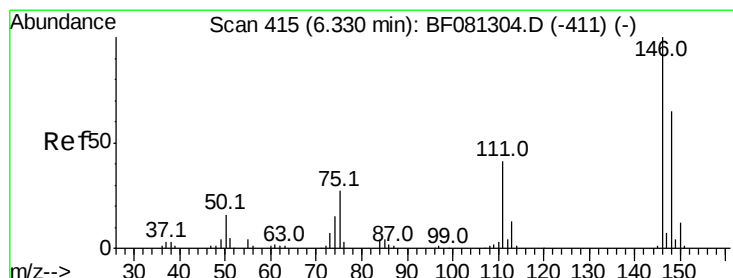
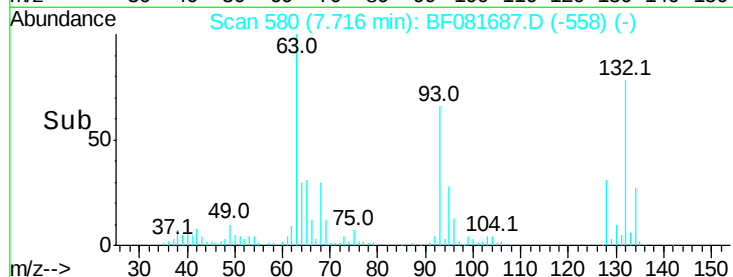
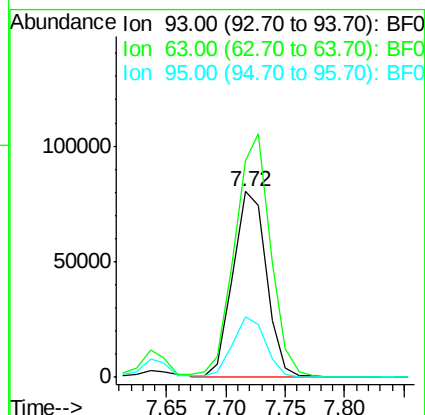
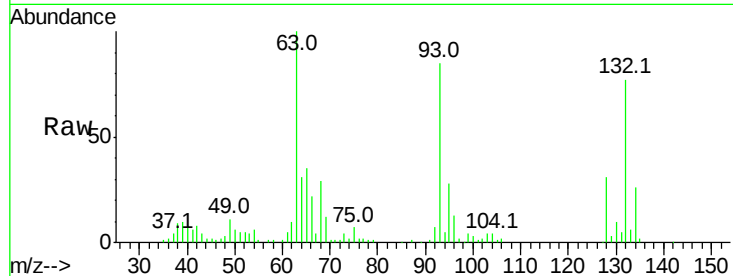




#11
bis(2-Chloroethyl)ether
Concen: 48.45 ng
RT: 7.72 min Scan# 580
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

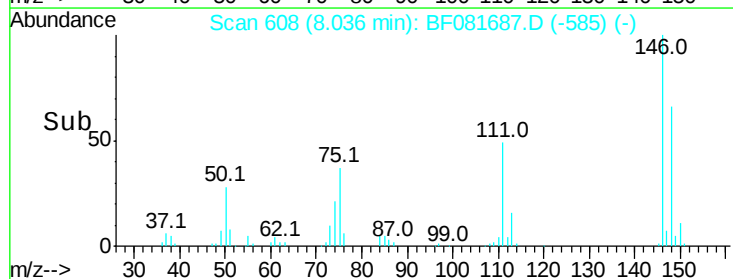
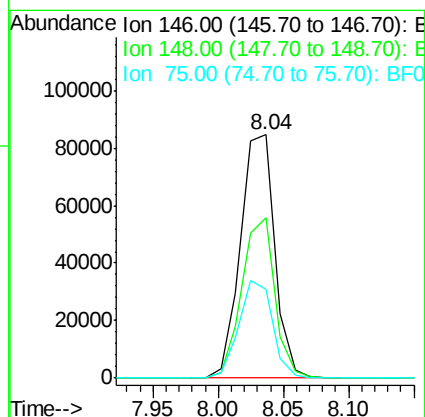
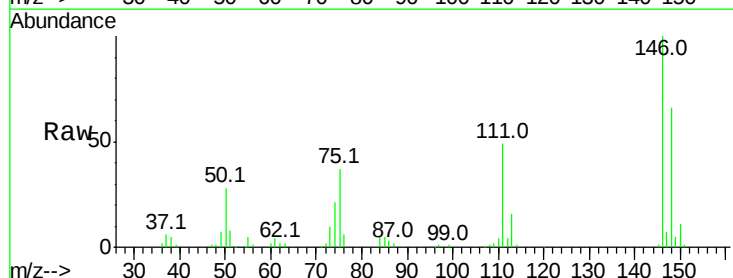
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MSD

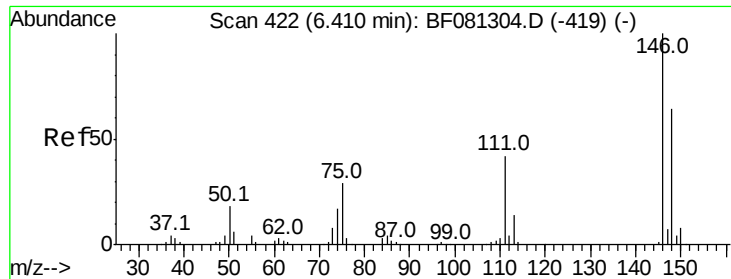
Tgt Ion: 93 Resp: 159121
Ion Ratio Lower Upper
93 100
63 117.0 65.6 105.6#
95 32.3 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 44.33 ng
RT: 8.04 min Scan# 608
Delta R.T. -0.03 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

Tgt Ion: 146 Resp: 154775
Ion Ratio Lower Upper
146 100
148 65.9 51.0 76.4
75 36.6 15.0 22.6#

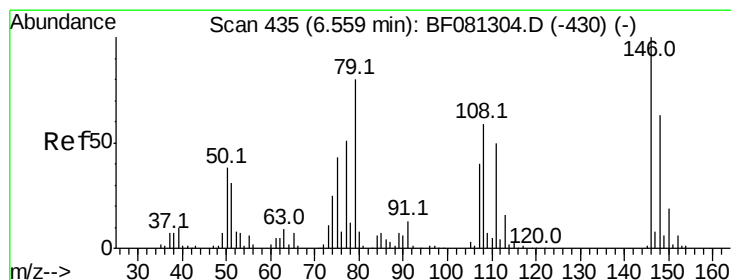
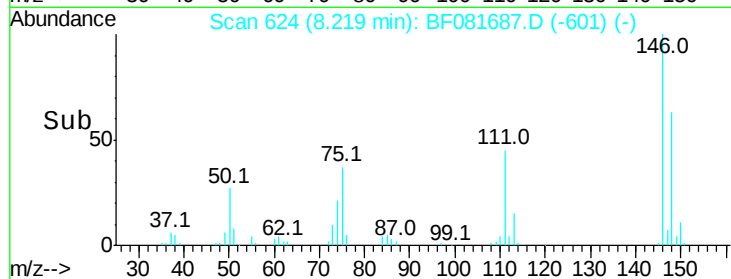
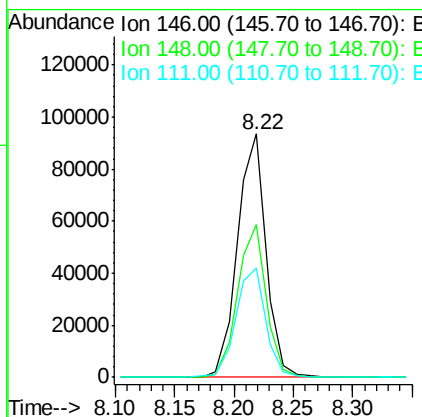
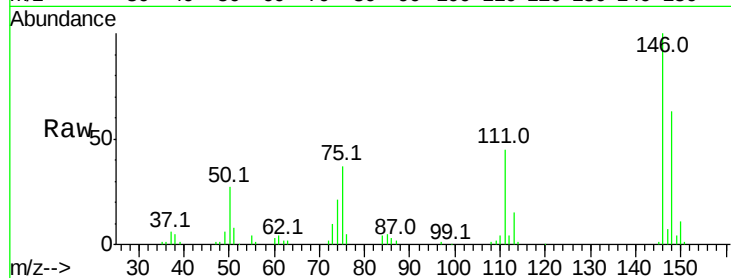




#13
 1,4-Dichlorobenzene
 Concen: 44.08 ng
 RT: 8.22 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

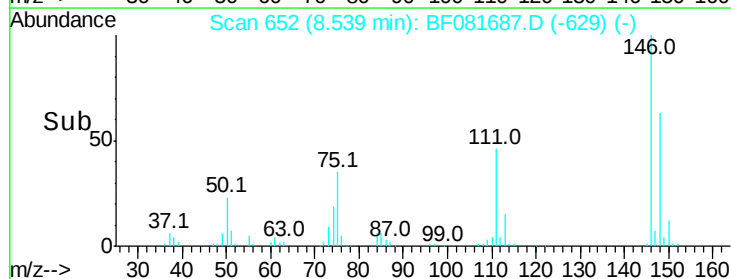
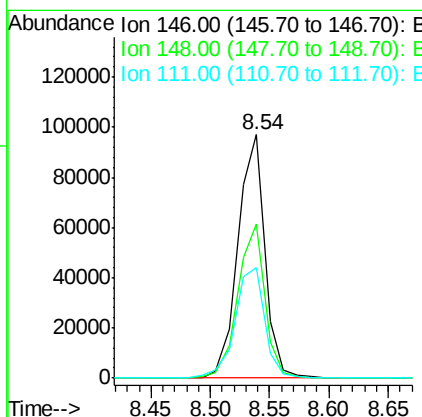
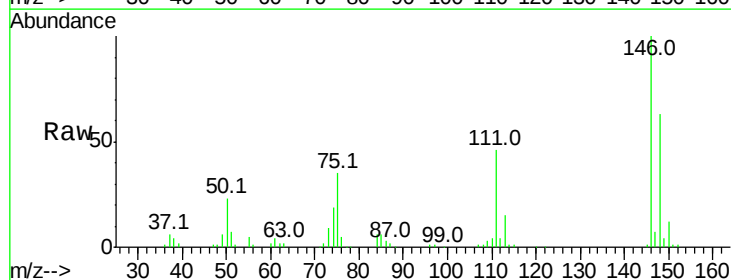
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MSD

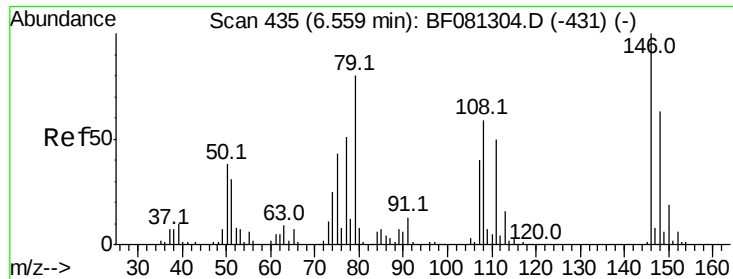
Tgt Ion:146 Resp: 156706
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.8 77.6
 111 44.9 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 47.91 ng
 RT: 8.54 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

Tgt Ion:146 Resp: 153341
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.7 79.1
 111 45.5 28.8 43.2#

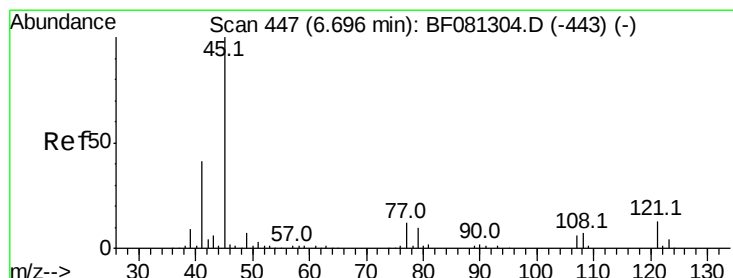
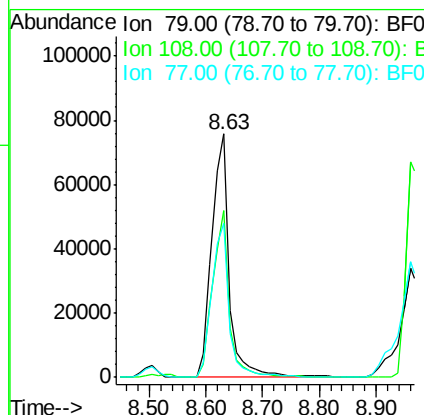
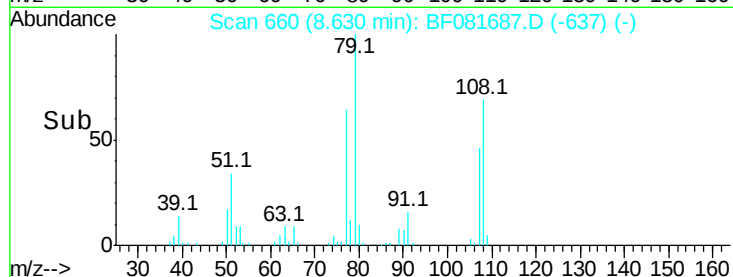
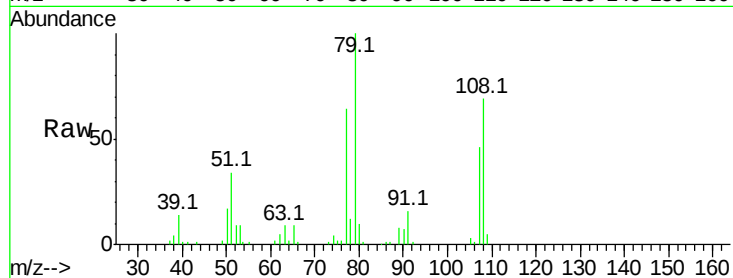




#15
Benzyl Alcohol
Concen: 49.08 ng
RT: 8.63 min Scan# 660
Delta R.T. -0.03 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

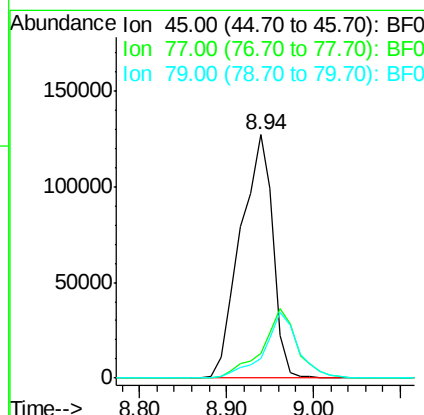
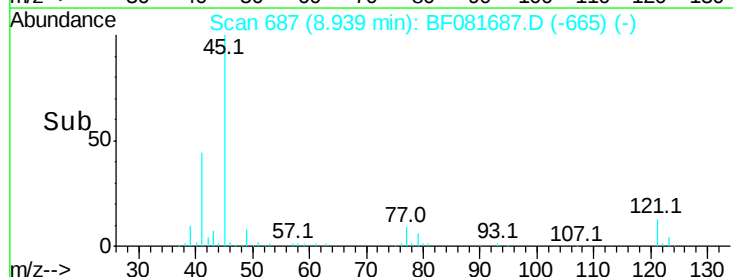
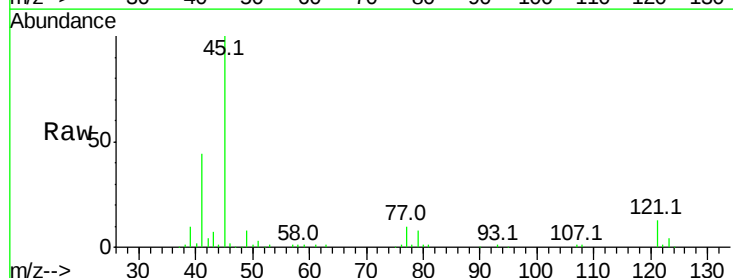
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MSD

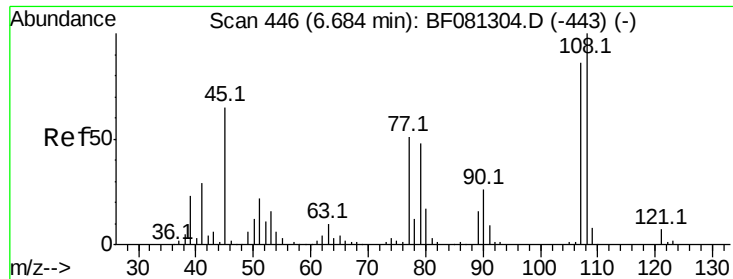
Tgt Ion: 79 Resp: 158044
Ion Ratio Lower Upper
79 100
108 68.8 88.6 132.8#
77 63.5 47.0 70.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 52.59 ng
RT: 8.94 min Scan# 687
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

Tgt Ion: 45 Resp: 331049
Ion Ratio Lower Upper
45 100
77 10.2 0.0 28.1
79 8.0 0.0 26.0

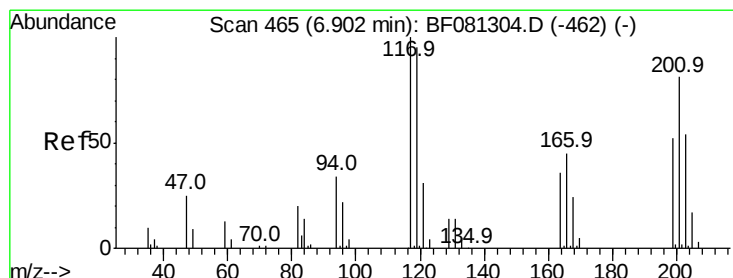
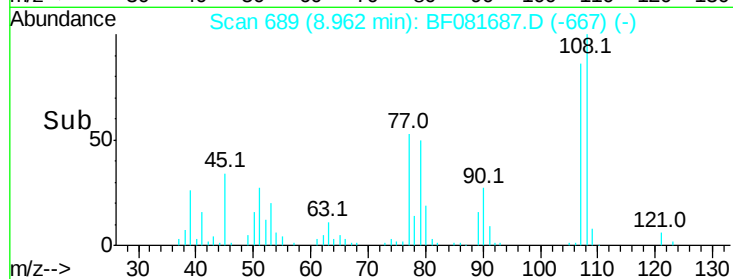
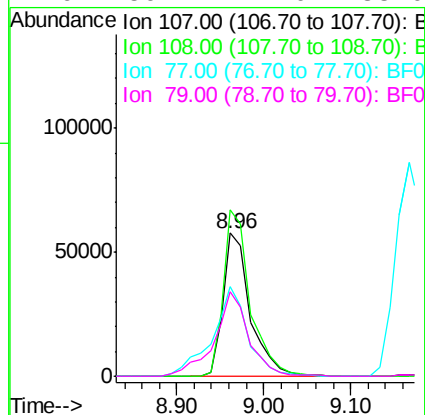
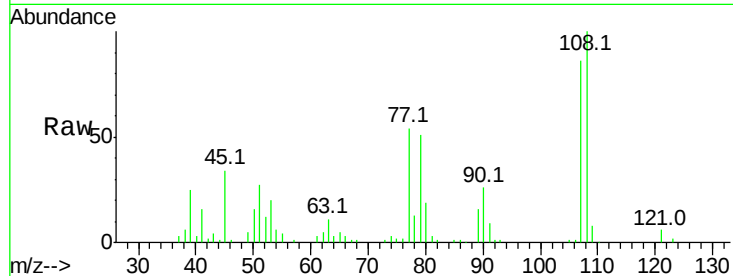




#17
2-Methylphenol
Concen: 48.15 ng
RT: 8.96 min Scan# 689
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

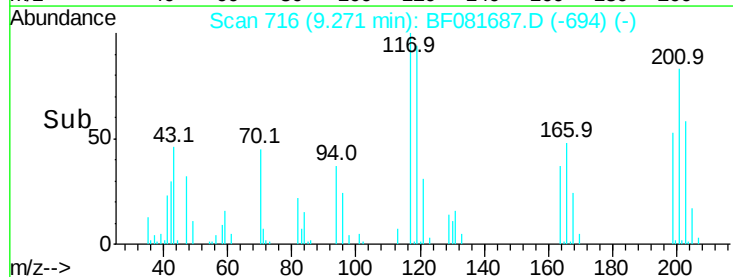
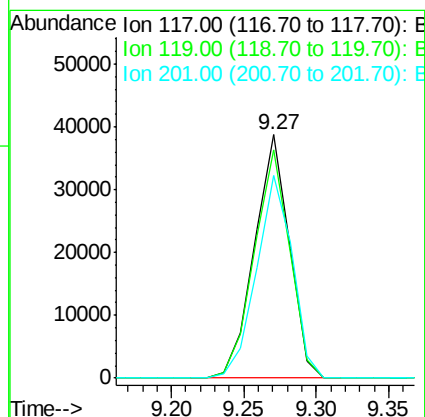
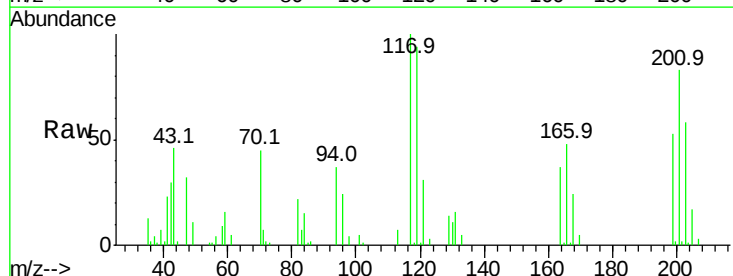
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MSD

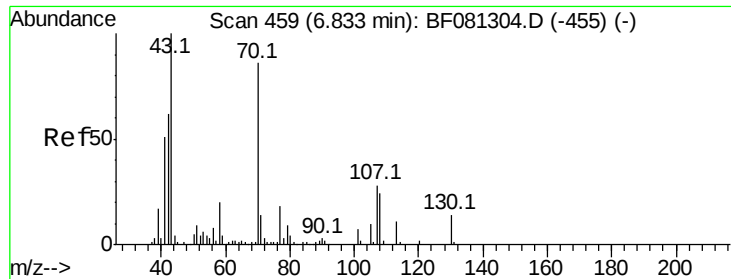
Tgt Ion:107 Resp: 125551
Ion Ratio Lower Upper
107 100
108 116.3 96.6 145.0
77 62.5 23.3 34.9#
79 59.2 22.0 33.0#



#18
Hexachloroethane
Concen: 46.61 ng
RT: 9.27 min Scan# 716
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

Tgt Ion:117 Resp: 64473
Ion Ratio Lower Upper
117 100
119 93.6 83.8 125.6
201 83.1 55.1 82.7#

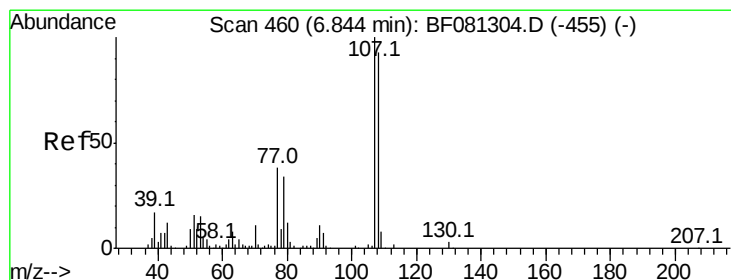
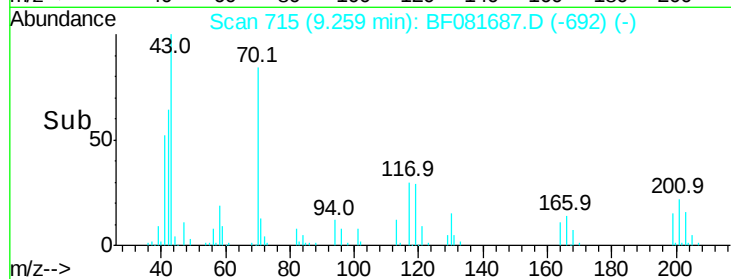
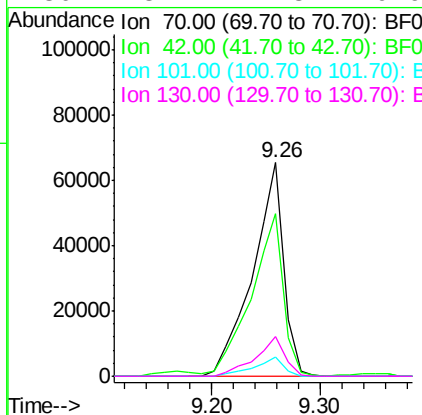
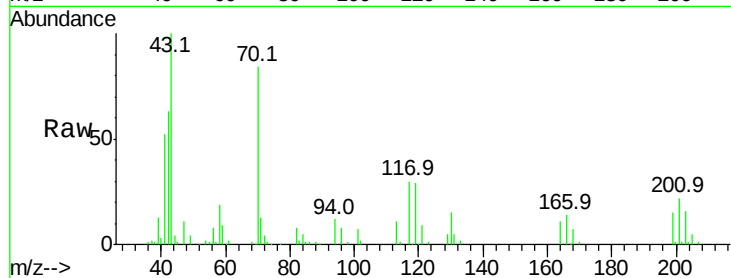




#19
n-Nitroso-di-n-propylamine
Concen: 48.69 ng
RT: 9.26 min Scan# 715
Delta R.T. -0.03 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

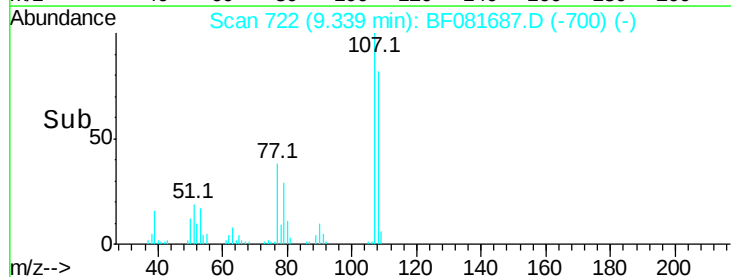
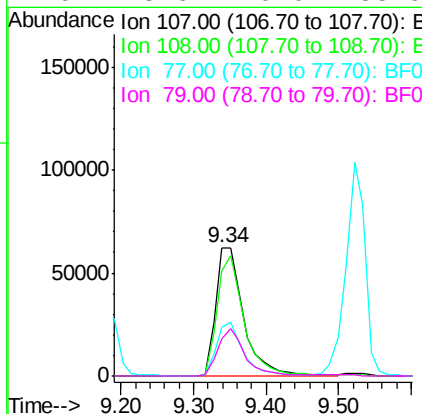
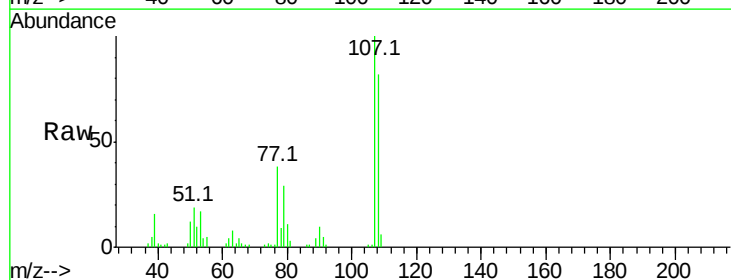
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MSD

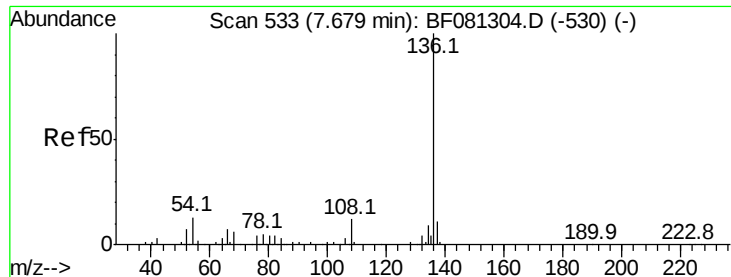
Tgt Ion:	70	Resp:	130081
Ion	Ratio	Lower	Upper
70	100		
42	75.9	63.8	95.6
101	8.9	9.2	13.8#
130	18.4	27.3	40.9#



#20
3+4-Methylphenols
Concen: 47.42 ng
RT: 9.34 min Scan# 722
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

Tgt Ion:	107	Resp:	166711
Ion	Ratio	Lower	Upper
107	100		
108	82.0	74.6	114.6
77	37.8	0.7	40.7
79	28.6	0.0	38.9

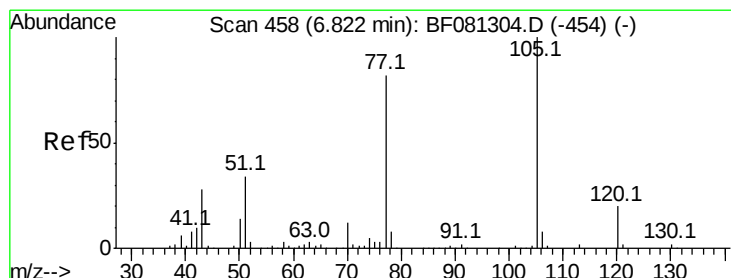
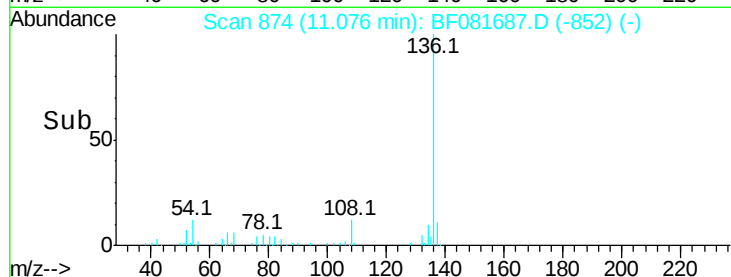
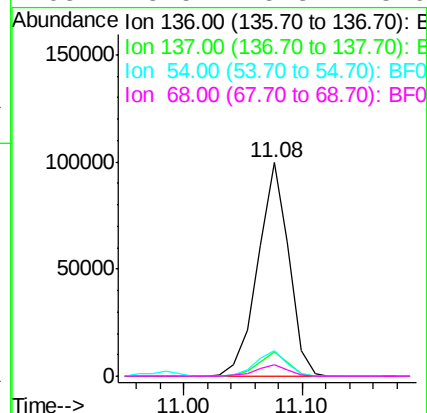
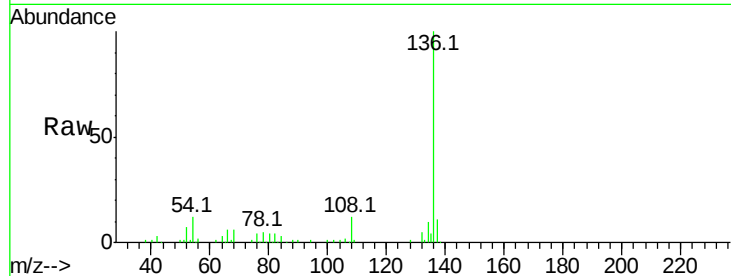




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.08 min Scan# 874
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

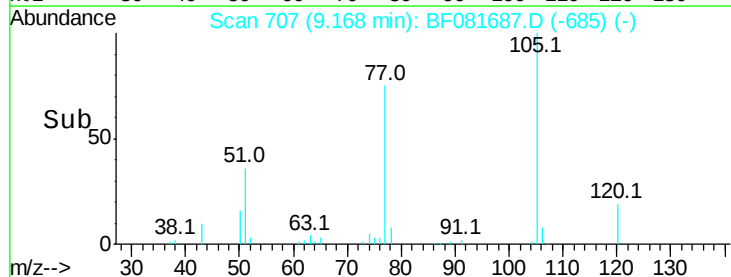
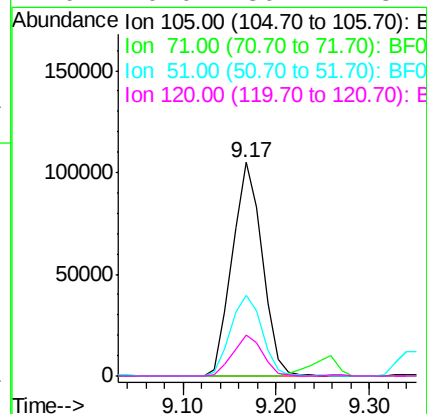
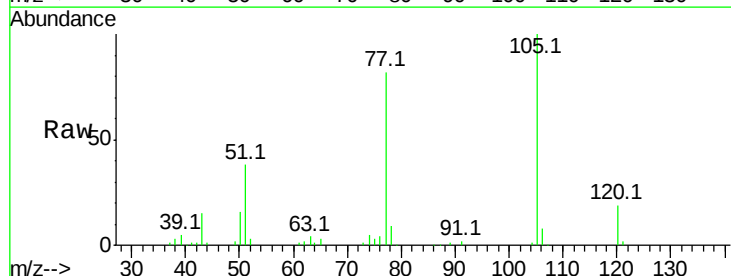
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MSD

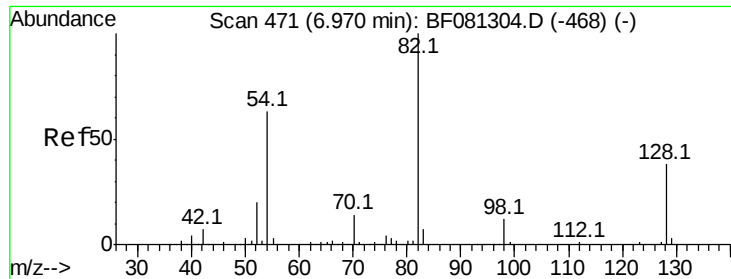
Tgt Ion:	136	Resp:	180771
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.6
54	11.8	8.2	12.2
68	5.5	5.8	8.6#



#22
Acetophenone
Concen: 47.68 ng
RT: 9.17 min Scan# 707
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

Tgt Ion:	105	Resp:	235406
Ion Ratio	Lower	Upper	
105	100		
71	0.0	4.7	7.1#
51	38.0	22.0	33.0#
120	19.0	30.1	45.1#

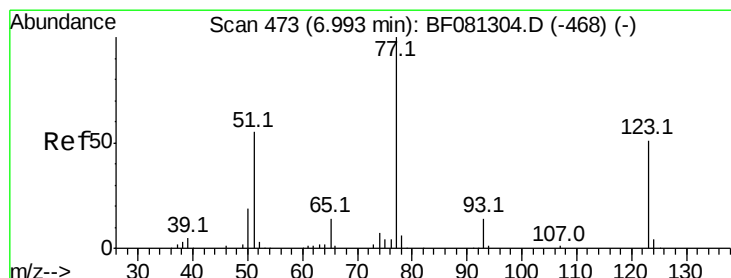
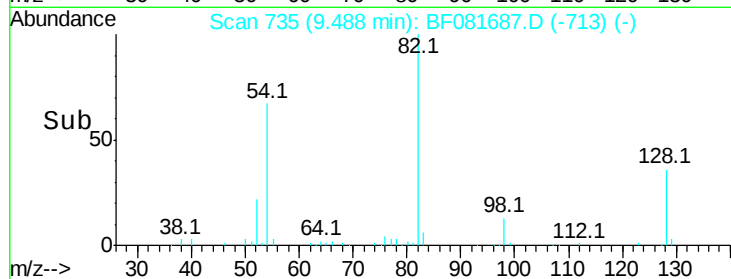
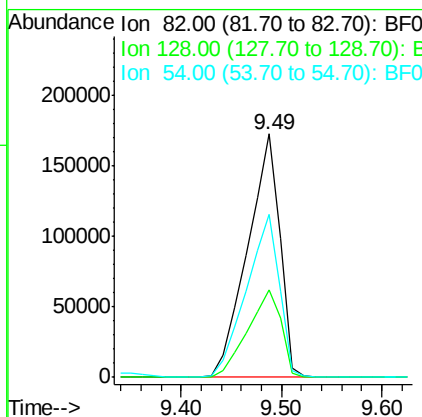
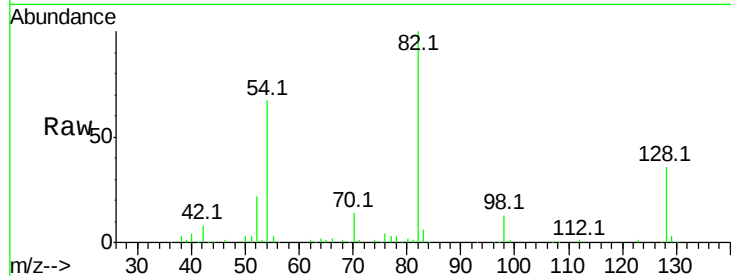




#23
Nitrobenzene-d5
Concen: 101.99 ng
RT: 9.49 min Scan# 735
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

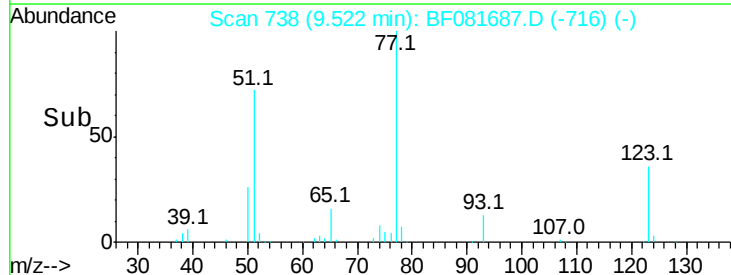
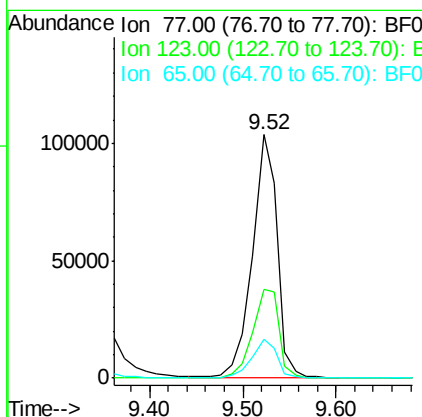
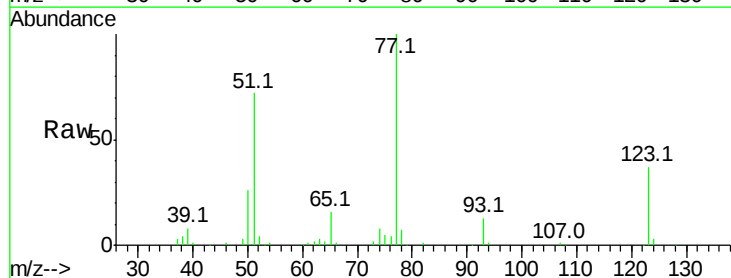
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MSD

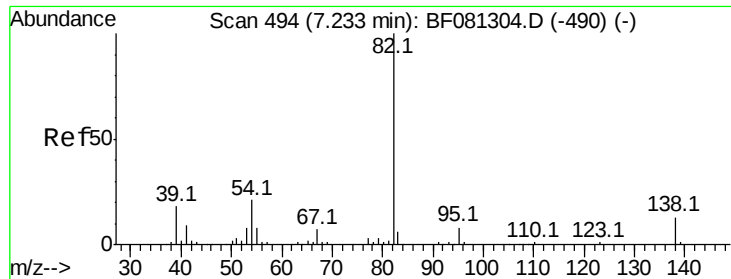
Tgt Ion: 82 Resp: 382128
Ion Ratio Lower Upper
82 100
128 36.0 51.0 76.6#
54 67.1 47.5 71.3



#24
Nitrobenzene
Concen: 49.62 ng
RT: 9.52 min Scan# 738
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

Tgt Ion: 77 Resp: 193058
Ion Ratio Lower Upper
77 100
123 36.7 59.8 89.8#
65 16.2 10.2 15.4#





#25

Isophorone

Concen: 48.02 ng

RT: 10.12 min Scan# 790

Delta R.T. -0.04 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

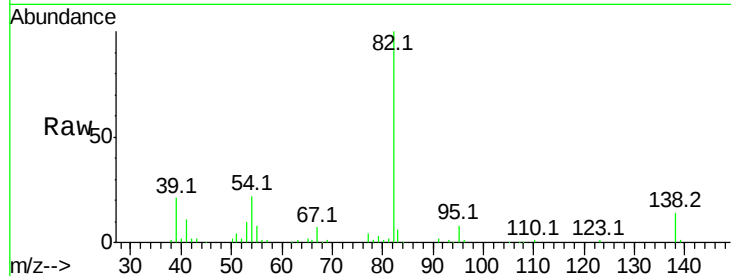
Tgt Ion: 82 Resp: 334671

Ion Ratio Lower Upper

82 100

95 8.0 4.0 6.0#

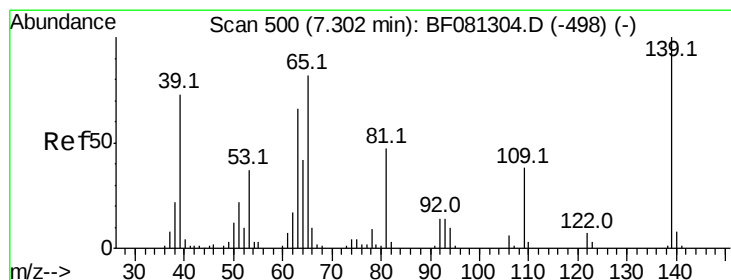
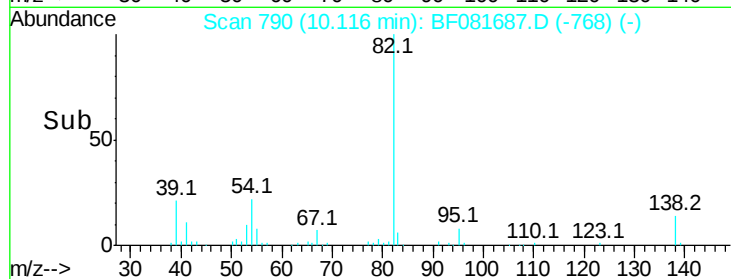
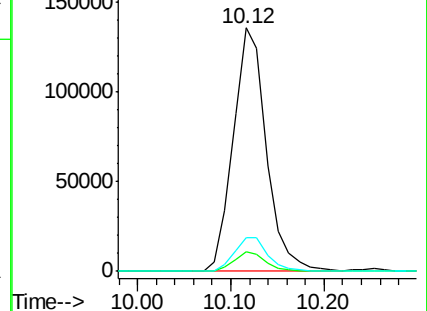
138 14.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 47.26 ng

RT: 10.25 min Scan# 802

Delta R.T. -0.04 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

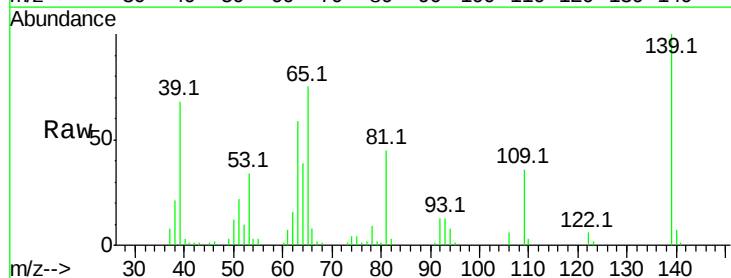
Tgt Ion: 139 Resp: 80150

Ion Ratio Lower Upper

139 100

109 36.1 11.0 16.4#

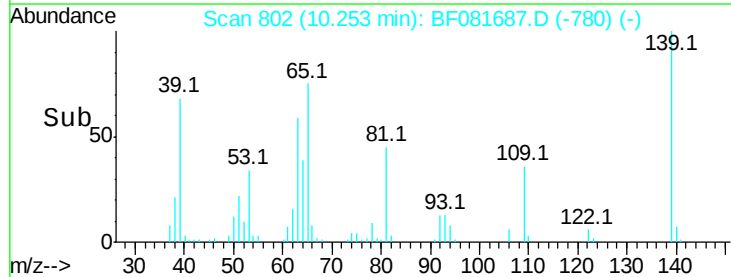
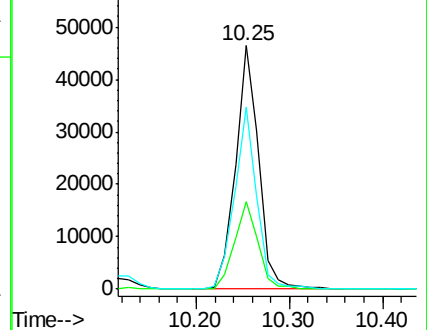
65 75.1 24.7 37.1#

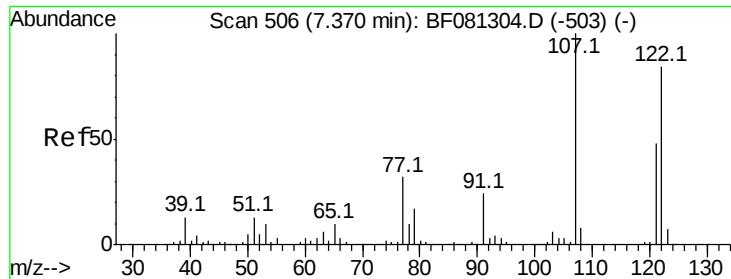


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

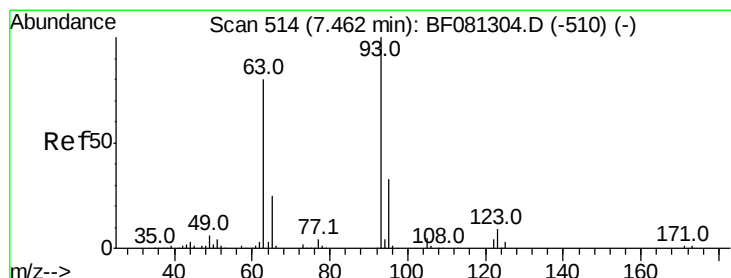
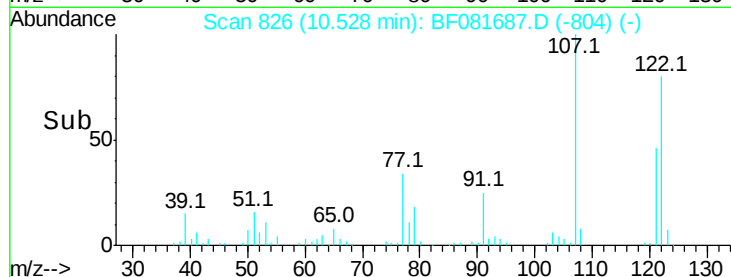
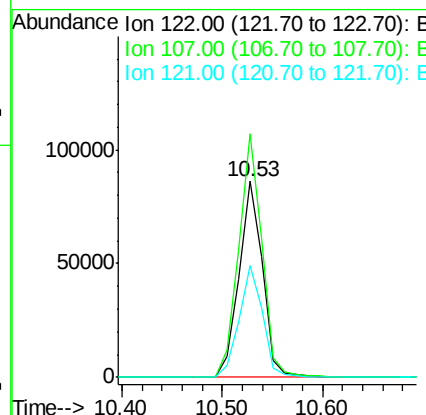
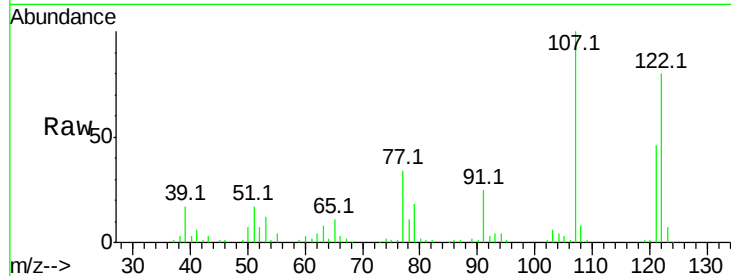




#27
2,4-Dimethylphenol
Concen: 47.40 ng
RT: 10.53 min Scan# 826
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

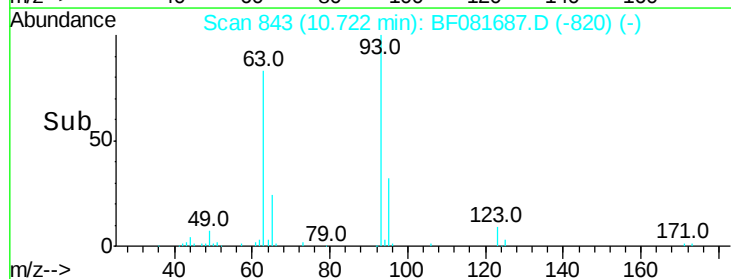
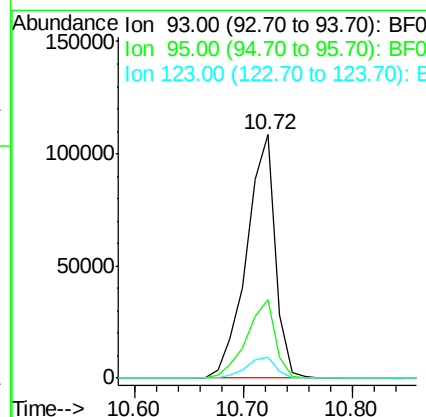
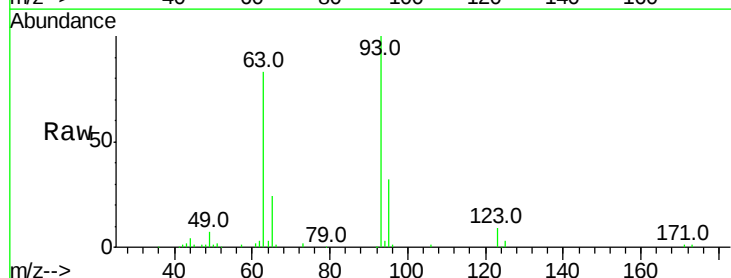
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MSD

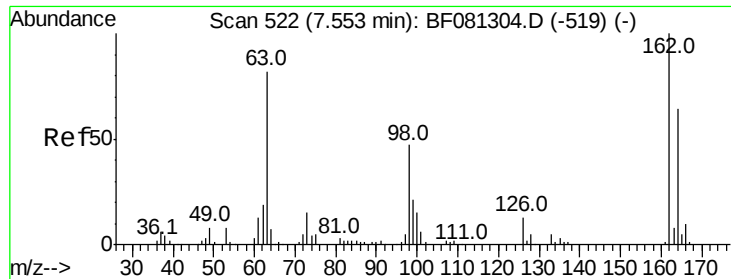
Tgt Ion:122 Resp: 138850
Ion Ratio Lower Upper
122 100
107 124.3 71.8 107.6#
121 57.3 42.3 63.5



#28
bis(2-Chloroethoxy)methane
Concen: 49.44 ng
RT: 10.72 min Scan# 843
Delta R.T. -0.03 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

Tgt Ion: 93 Resp: 199010
Ion Ratio Lower Upper
93 100
95 32.5 27.5 41.3
123 8.8 13.7 20.5#

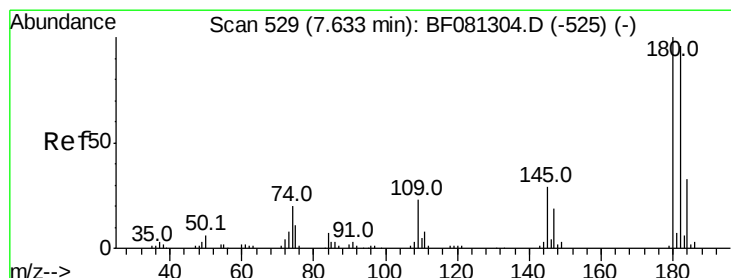
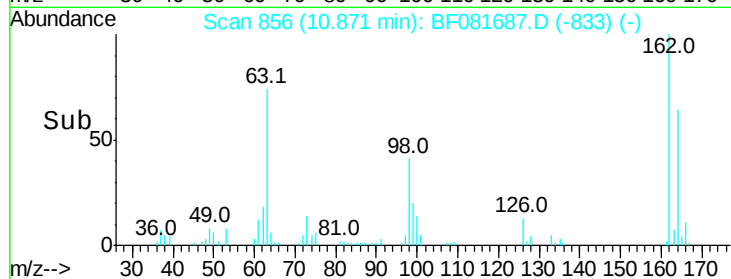
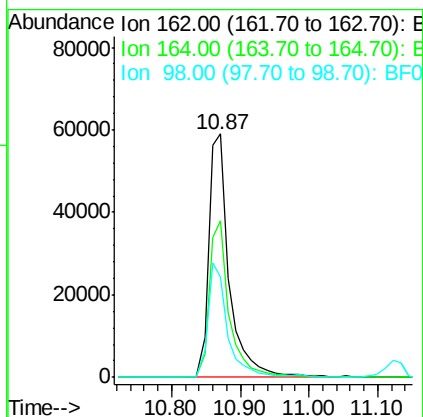
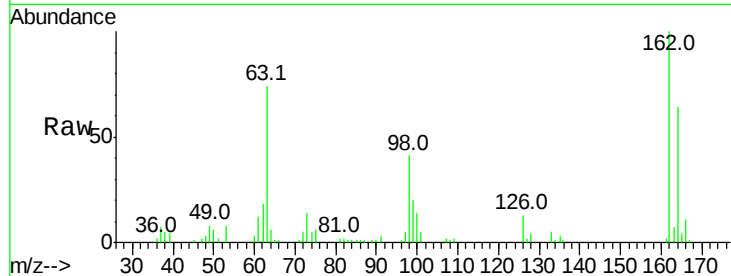




#29
 2,4-Dichlorophenol
 Concen: 48.67 ng
 RT: 10.87 min Scan# 856
 Delta R.T. -0.03 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

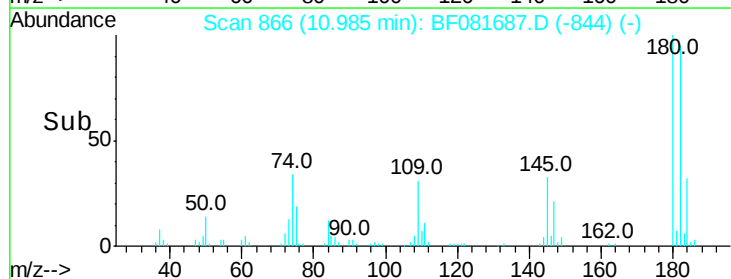
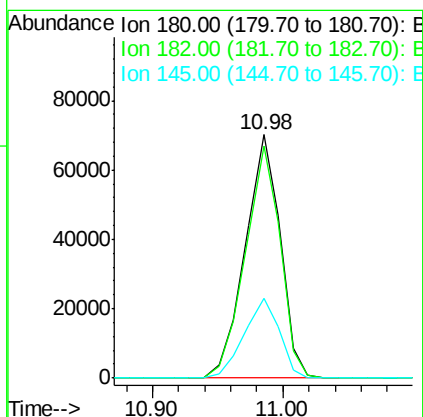
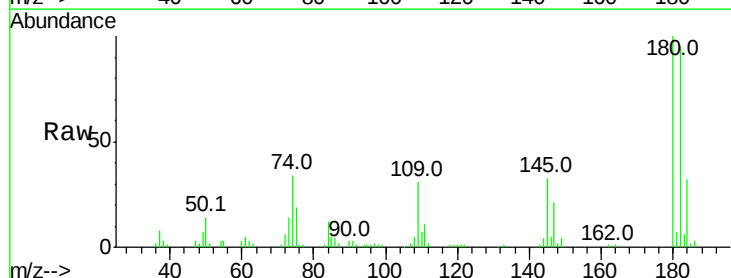
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MSD

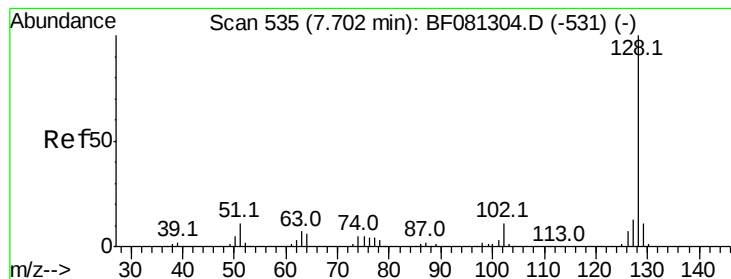
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.9	84.9
98	41.0	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 47.51 ng
 RT: 10.98 min Scan# 866
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.1	115.7
145	33.0	23.3	34.9





#31

Naphthalene

Concen: 47.26 ng

RT: 11.12 min Scan# 878

Delta R.T. -0.04 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

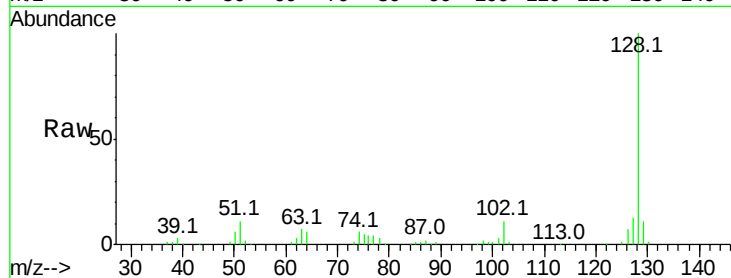
Tgt Ion:128 Resp: 455613

Ion Ratio Lower Upper

128 100

129 11.1 8.4 12.6

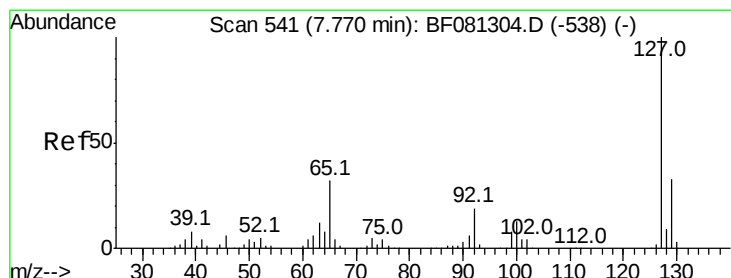
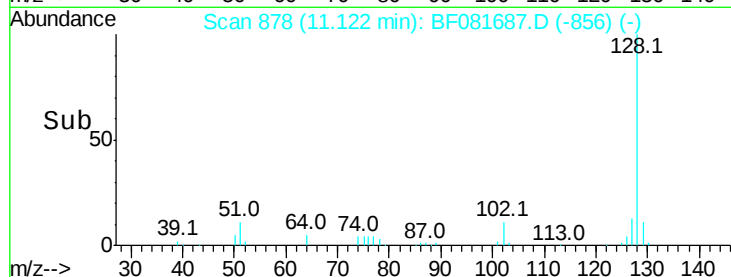
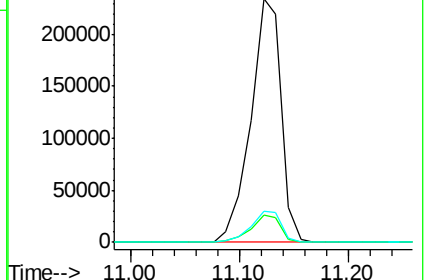
127 13.0 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 22.28 ng

RT: 11.36 min Scan# 899

Delta R.T. -0.04 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Tgt Ion:127 Resp: 87626

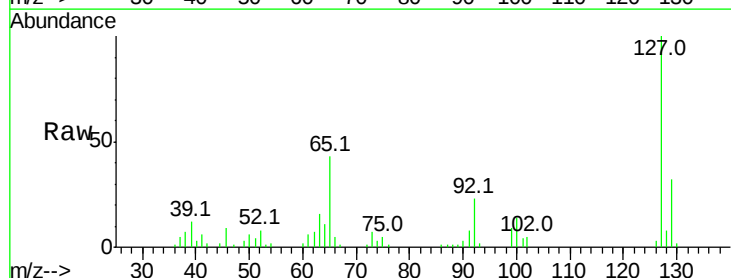
Ion Ratio Lower Upper

127 100

129 32.1 25.8 38.6

65 43.3 17.9 26.9#

92 23.4 10.5 15.7#

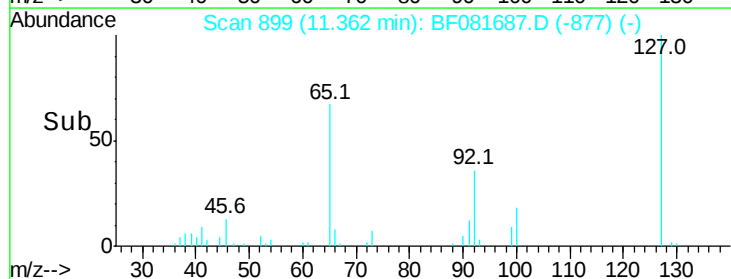
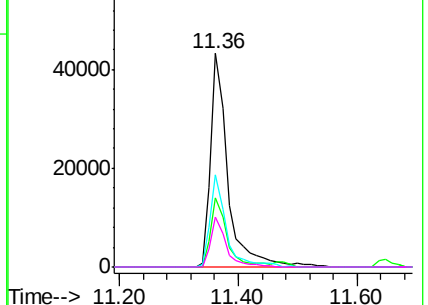


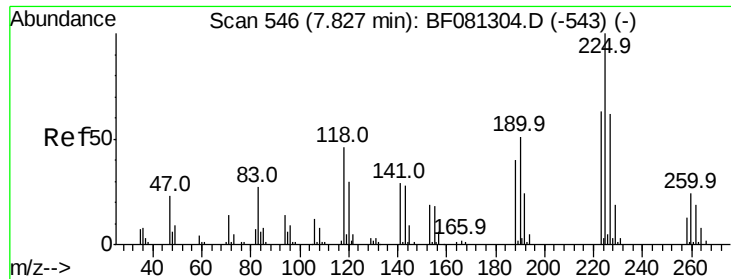
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

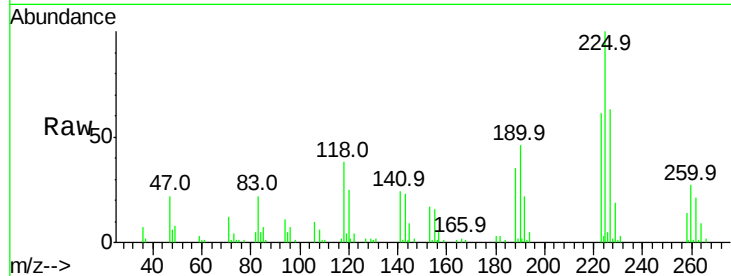




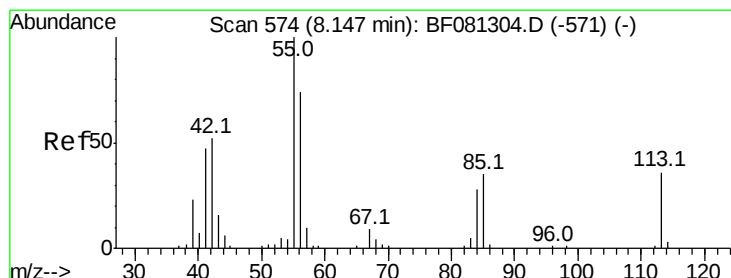
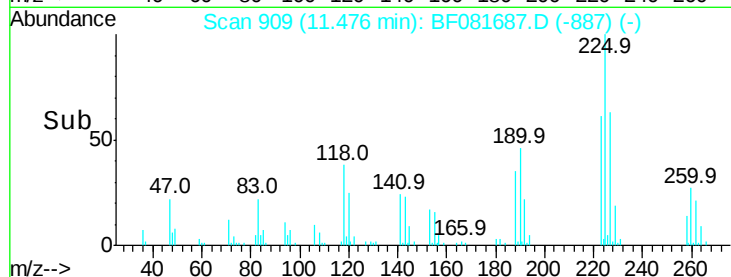
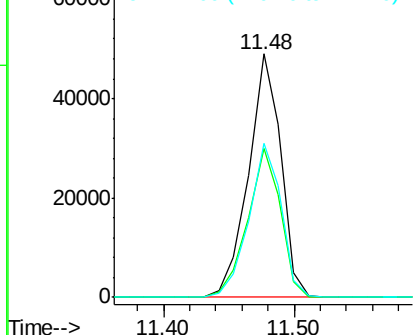
#34
Hexachlorobutadiene
Concen: 50.41 ng
RT: 11.48 min Scan# 909
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MSD

Tgt Ion:225 Resp: 84659
Ion Ratio Lower Upper
225 100
223 61.1 50.2 75.2
227 63.0 52.2 78.2

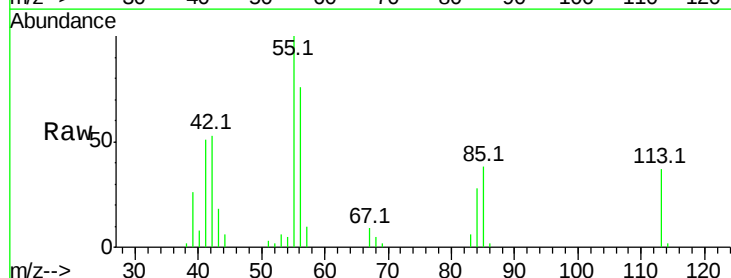


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

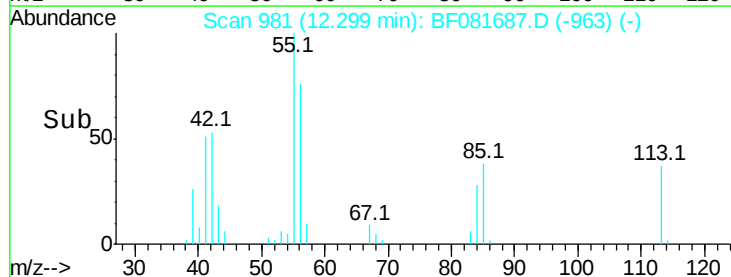
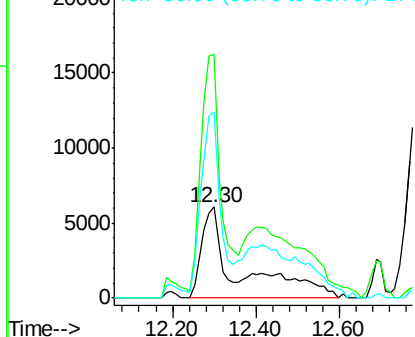


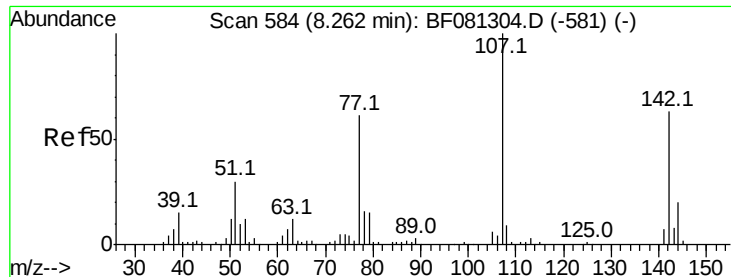
#35
Caprolactam
Concen: 46.72 ng m
RT: 12.30 min Scan# 981
Delta R.T. -0.09 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

Tgt Ion:113 Resp: 36395
Ion Ratio Lower Upper
113 100
55 268.3 152.4 192.4#
56 204.7 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 53.43 ng

RT: 12.70 min Scan# 1016

Delta R.T. -0.02 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

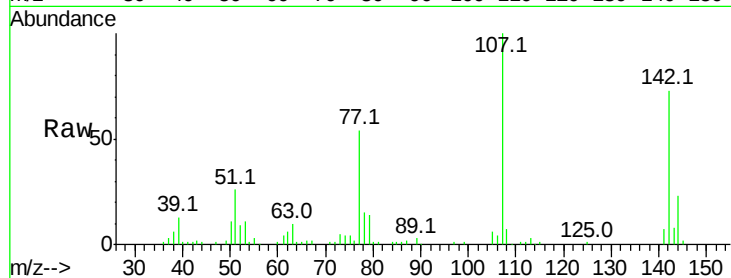
Tgt Ion:107 Resp: 151907

Ion Ratio Lower Upper

107 100

144 23.0 25.4 38.0#

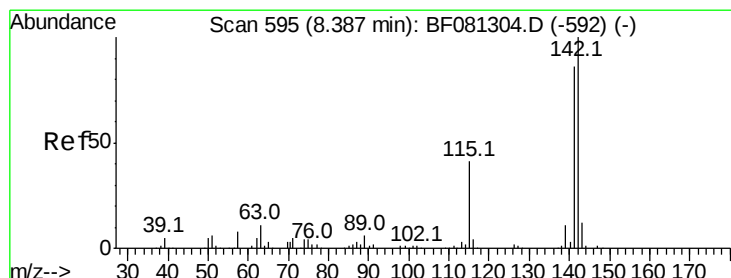
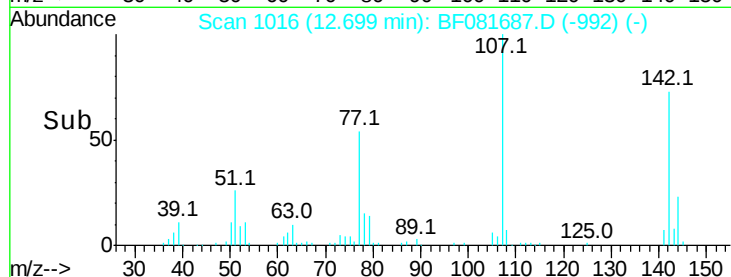
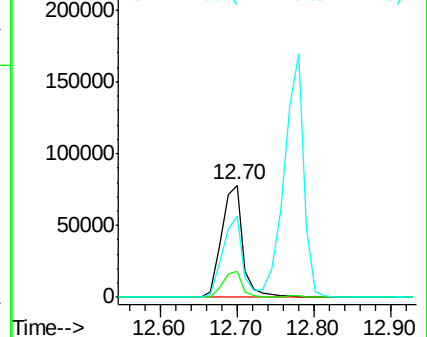
142 72.6 77.3 115.9#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 48.40 ng

RT: 12.78 min Scan# 1023

Delta R.T. -0.04 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

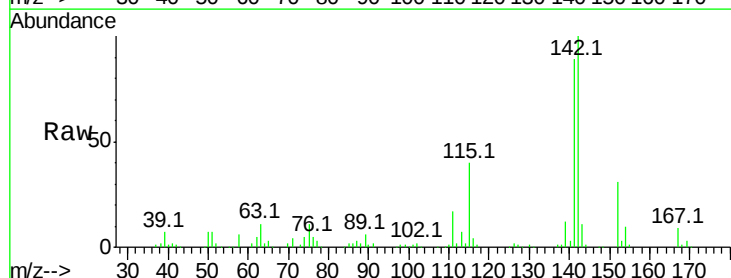
Tgt Ion:142 Resp: 303648

Ion Ratio Lower Upper

142 100

141 88.6 67.5 101.3

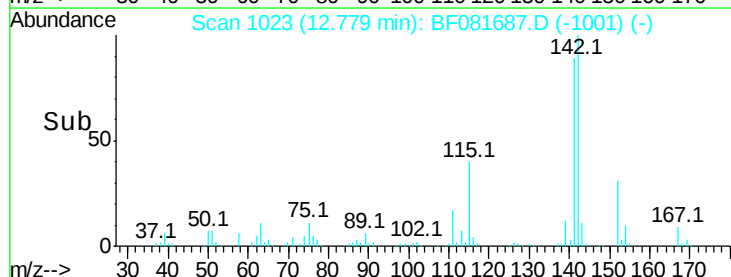
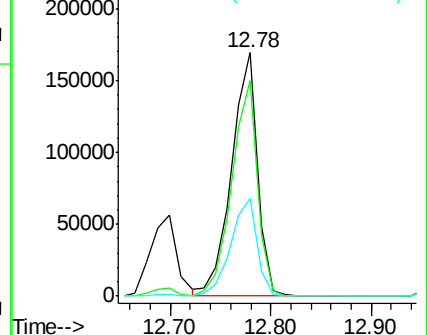
115 39.9 18.2 27.2#

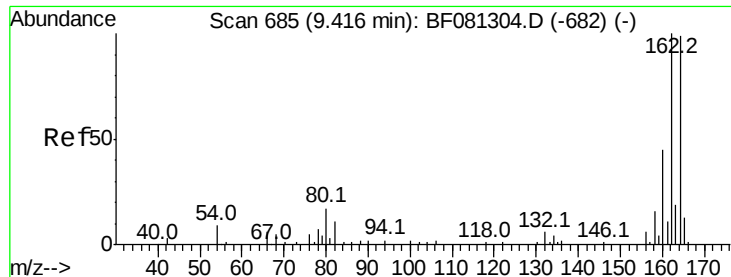


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

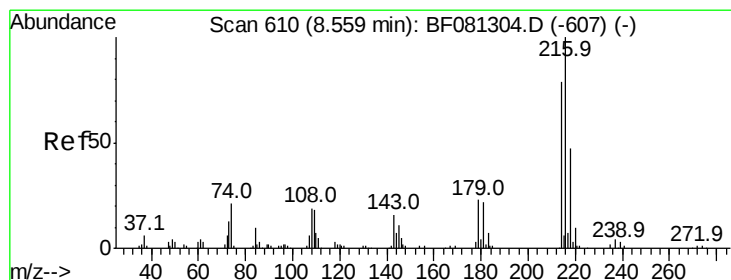
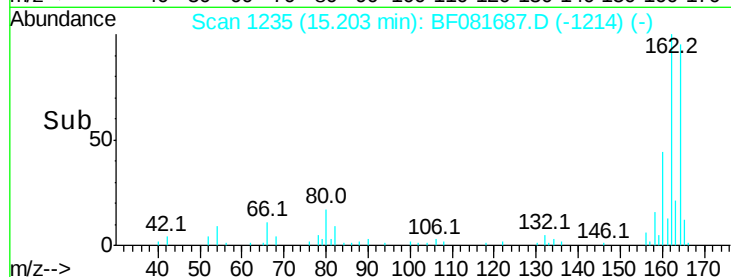
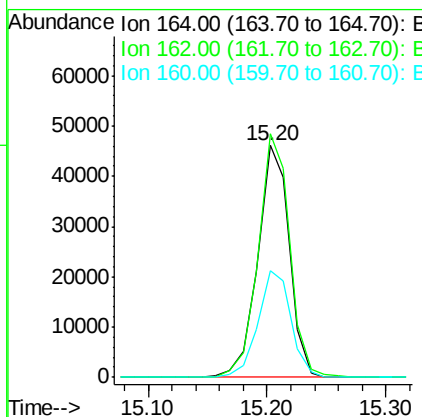
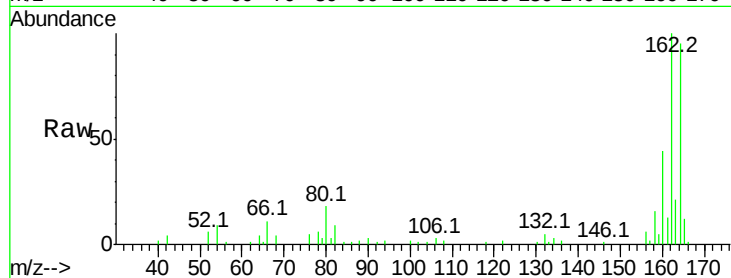




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.20 min Scan# 1235
Delta R.T. -0.06 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

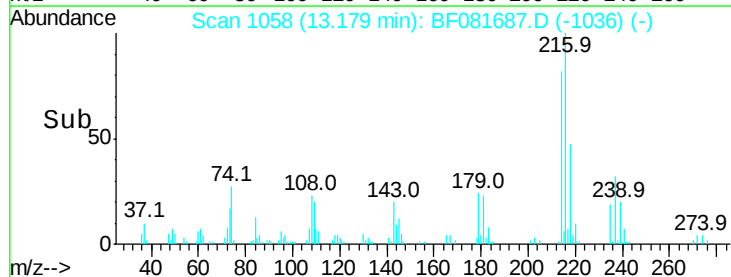
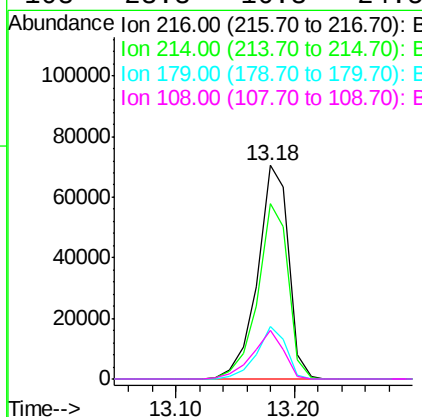
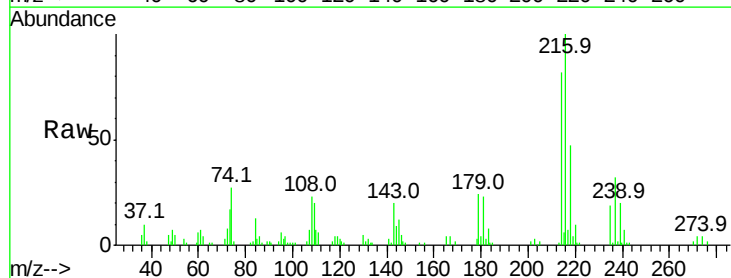
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MSD

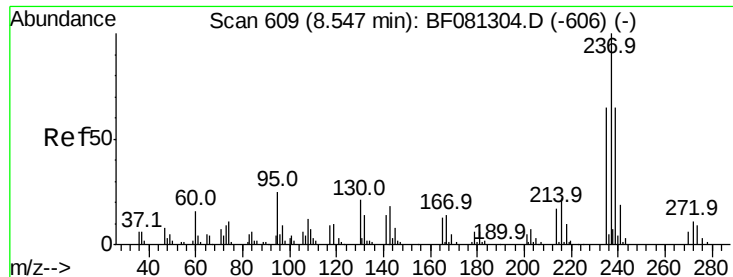
Tgt Ion:164 Resp: 85098
Ion Ratio Lower Upper
164 100
162 104.9 75.2 112.8
160 46.0 31.5 47.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 47.82 ng
RT: 13.18 min Scan# 1058
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

Tgt Ion:216 Resp: 128685
Ion Ratio Lower Upper
216 100
214 80.4 63.5 95.3
179 23.0 16.6 24.8
108 23.3 16.3 24.5





#40

Hexachlorocyclopentadiene

Concen: 81.25 ng

RT: 13.17 min Scan# 1057

Delta R.T. -0.04 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

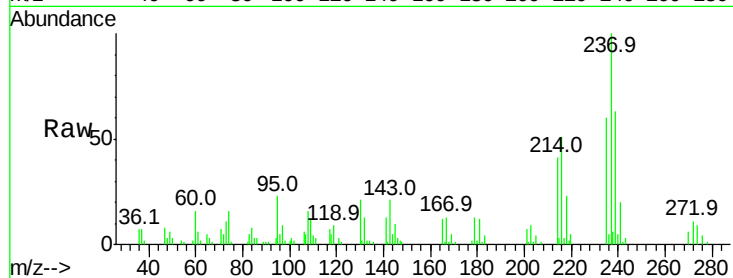
Tgt Ion: 237 Resp: 107311

Ion Ratio Lower Upper

237 100

235 60.4 42.0 82.0

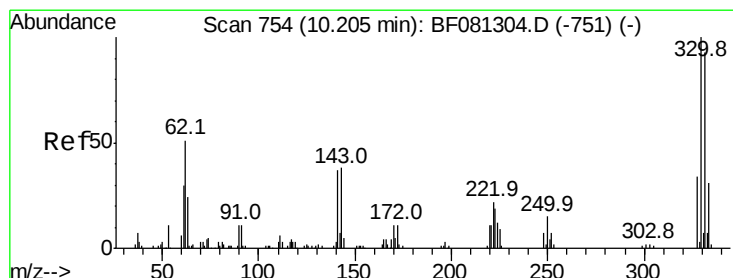
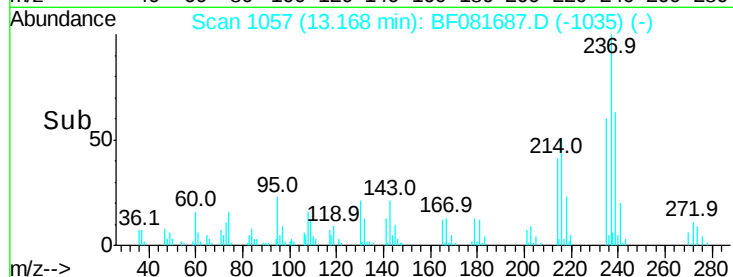
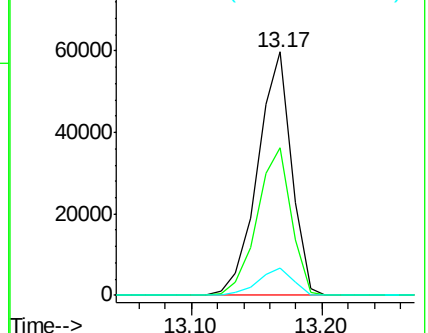
272 11.0 0.0 36.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 151.83 ng

RT: 17.12 min Scan# 1403

Delta R.T. -0.04 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

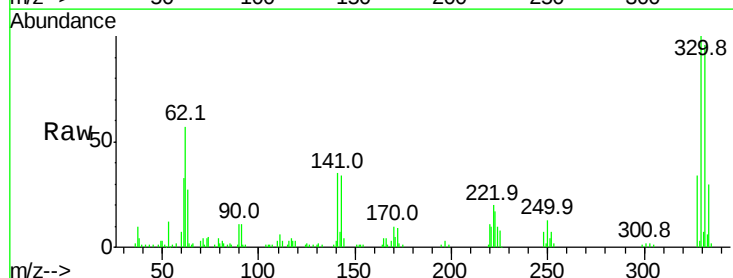
Tgt Ion: 330 Resp: 115045

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

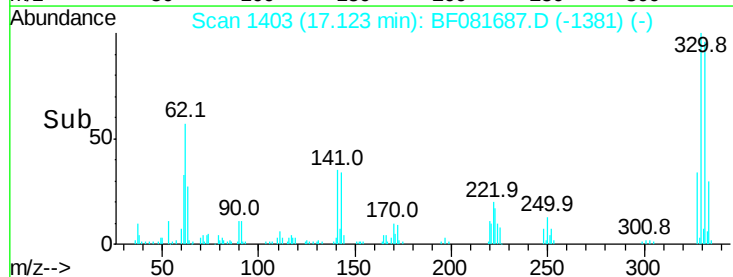
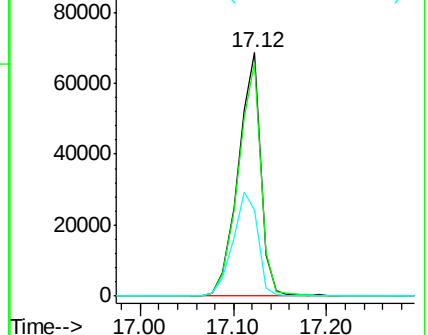
141 47.1 29.7 44.5#

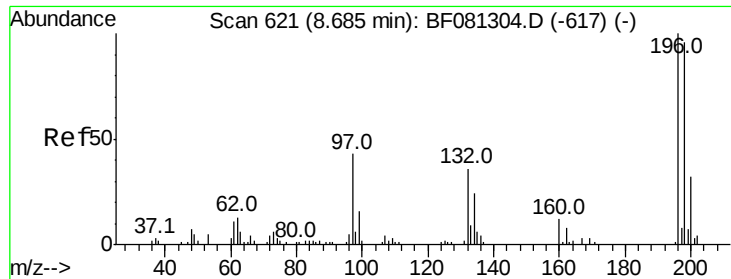


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 46.29 ng

RT: 13.53 min Scan# 1089

Delta R.T. -0.04 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

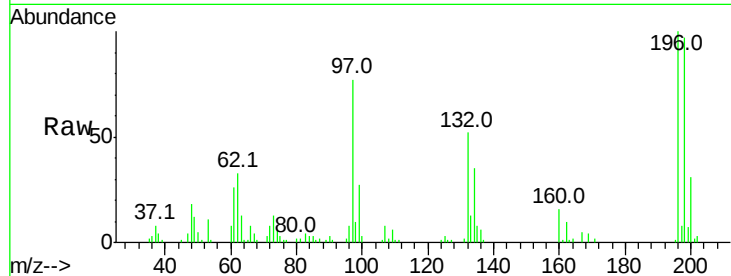
Tgt Ion:196 Resp: 85967

Ion Ratio Lower Upper

196 100

198 97.1 75.7 113.5

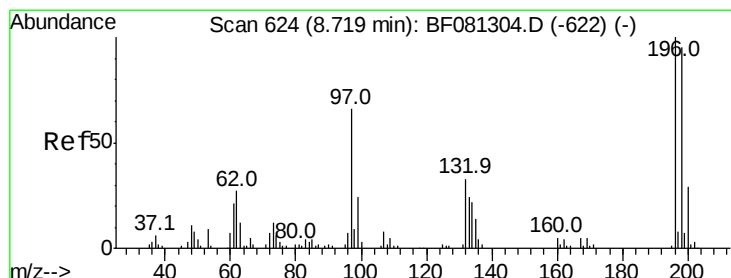
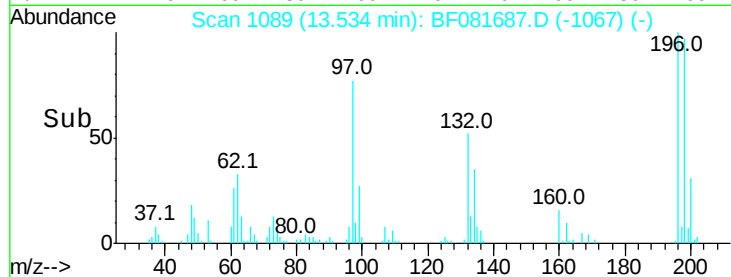
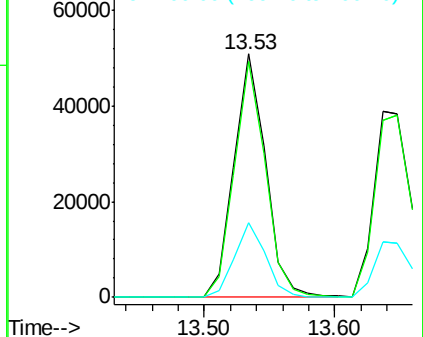
200 30.7 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 47.10 ng

RT: 13.64 min Scan# 1098

Delta R.T. -0.04 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Tgt Ion:196 Resp: 89256

Ion Ratio Lower Upper

196 100

198 95.2 75.4 113.0

97 73.5 33.3 49.9#

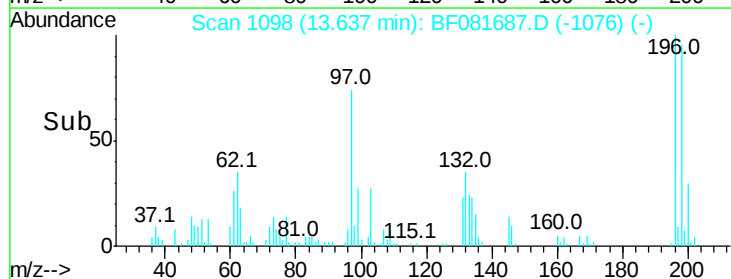
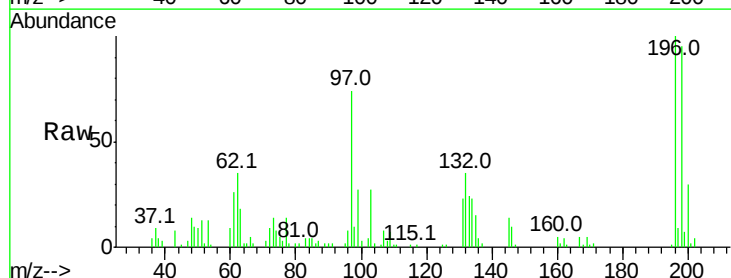
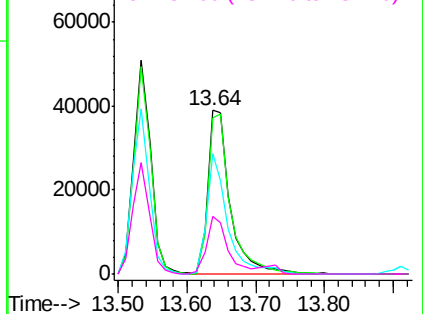
132 35.4 24.6 37.0

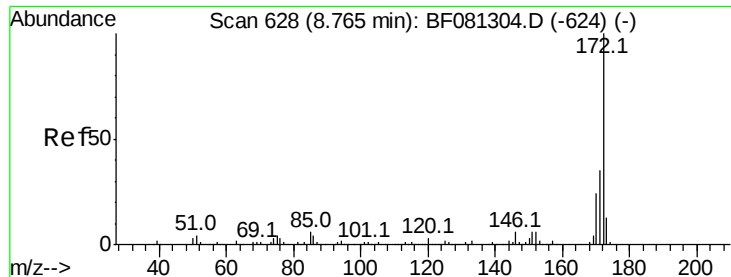
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 97.46 ng

RT: 13.73 min Scan# 1106

Delta R.T. -0.04 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

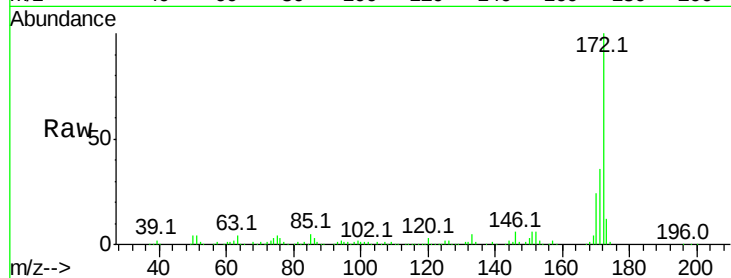
Tgt Ion:172 Resp: 647185

Ion Ratio Lower Upper

172 100

171 35.8 26.1 39.1

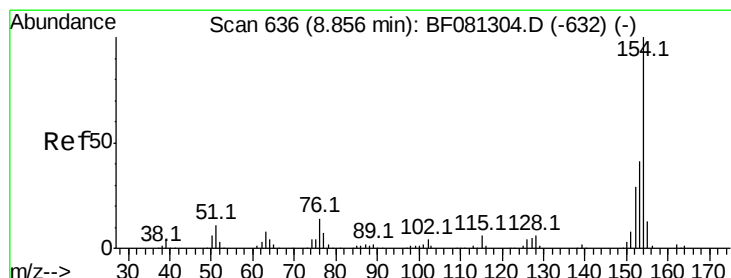
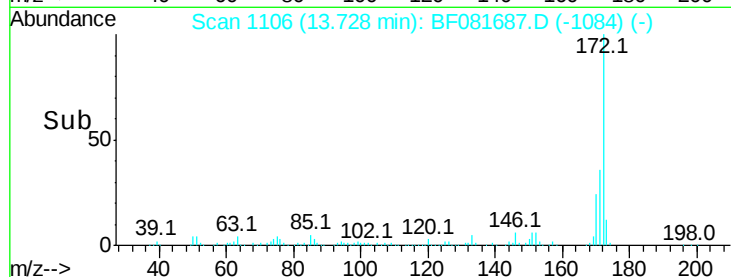
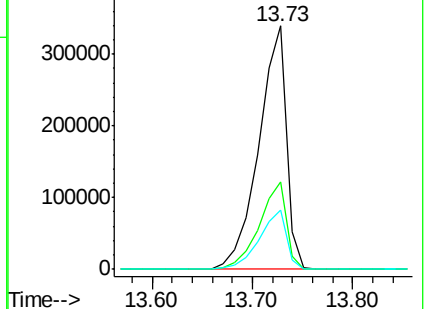
170 24.2 17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 46.75 ng

RT: 13.92 min Scan# 1123

Delta R.T. -0.04 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

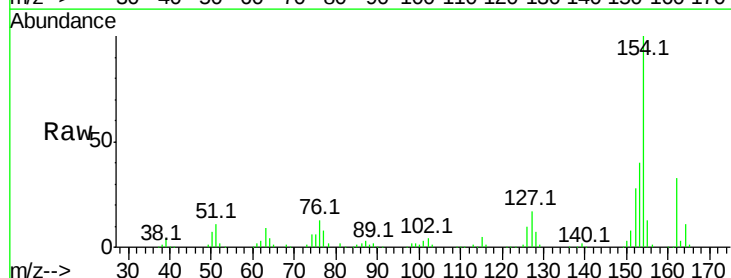
Tgt Ion:154 Resp: 366038

Ion Ratio Lower Upper

154 100

153 40.4 17.1 57.1

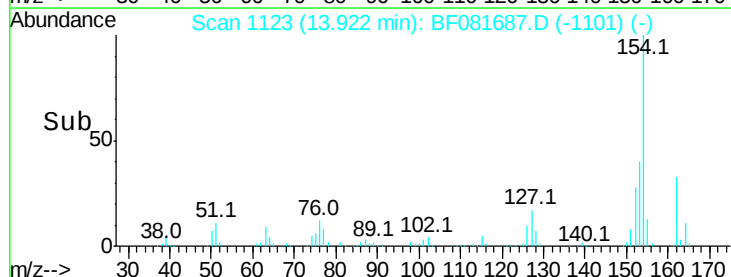
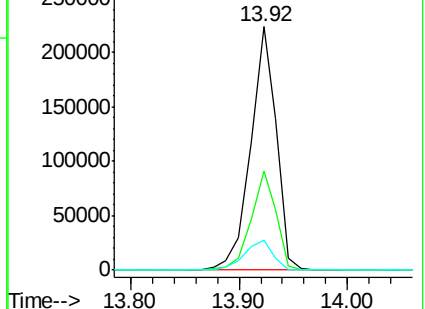
76 12.5 0.0 31.6

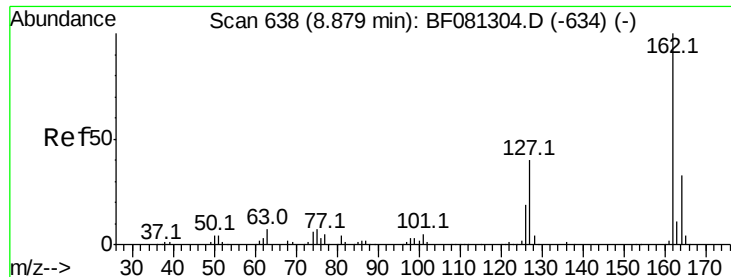


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

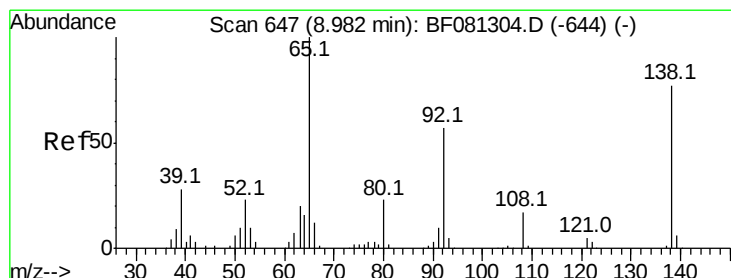
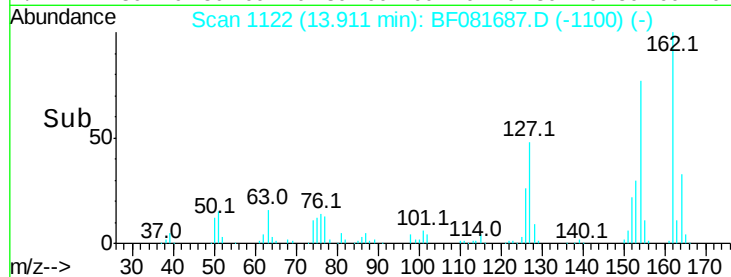
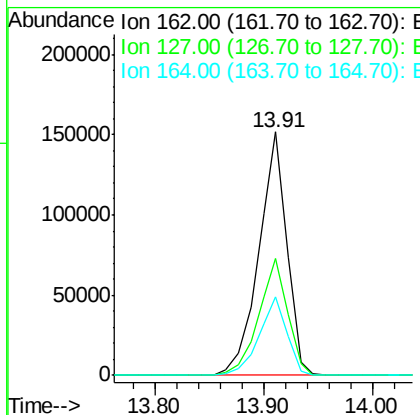
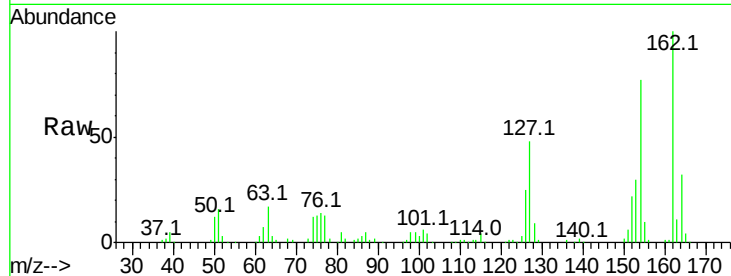




#46
 2-Chloronaphthalene
 Concen: 47.82 ng
 RT: 13.91 min Scan# 1122
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

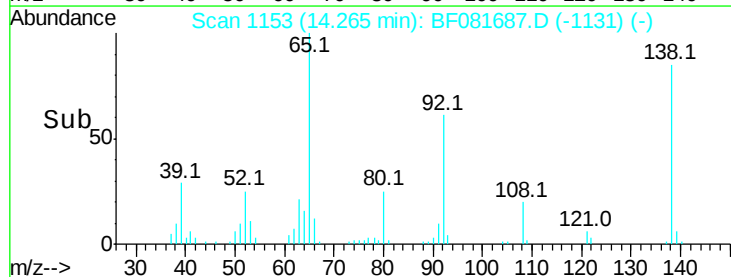
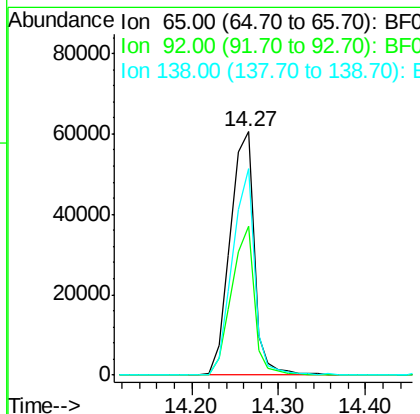
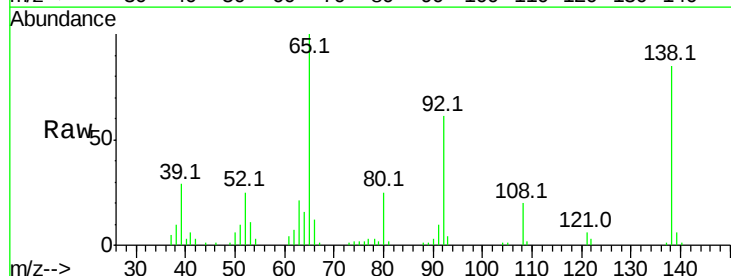
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MSD

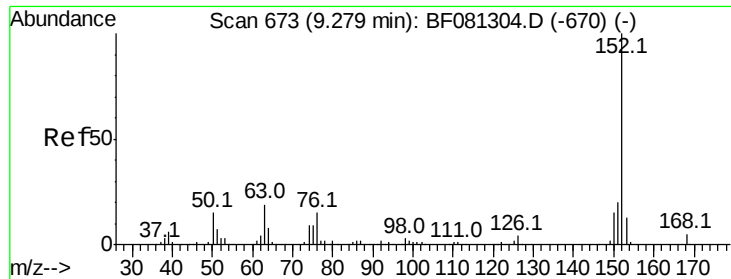
Tgt Ion: 162 Resp: 270370
 Ion Ratio Lower Upper
 162 100
 127 48.1 27.6 41.4#
 164 32.5 25.4 38.2



#47
 2-Nitroaniline
 Concen: 50.53 ng
 RT: 14.27 min Scan# 1153
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

Tgt Ion: 65 Resp: 116446
 Ion Ratio Lower Upper
 65 100
 92 61.4 55.4 83.0
 138 84.9 115.5 173.3#





#48

Acenaphthylene

Concen: 45.66 ng

RT: 14.86 min Scan# 1205

Delta R.T. -0.06 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

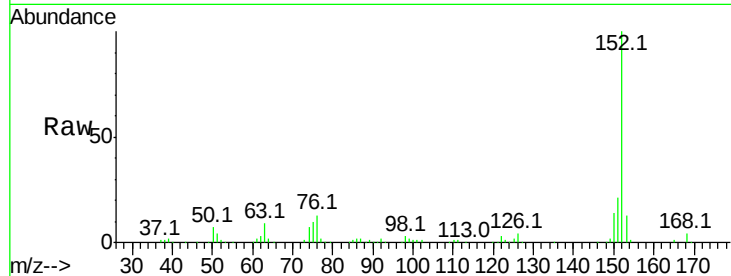
Tgt Ion:152 Resp: 457987

Ion Ratio Lower Upper

152 100

151 20.6 14.6 22.0

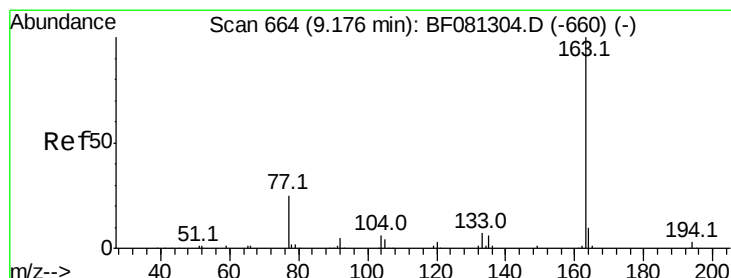
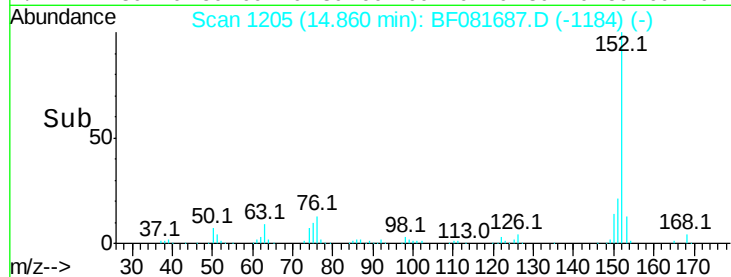
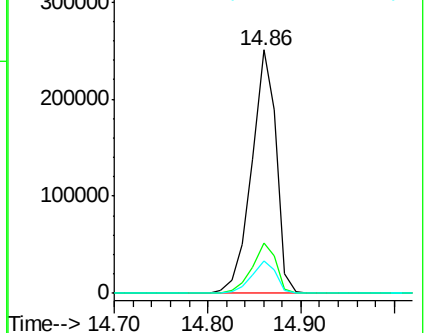
153 13.3 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 68.58 ng

RT: 14.81 min Scan# 1201

Delta R.T. -0.04 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

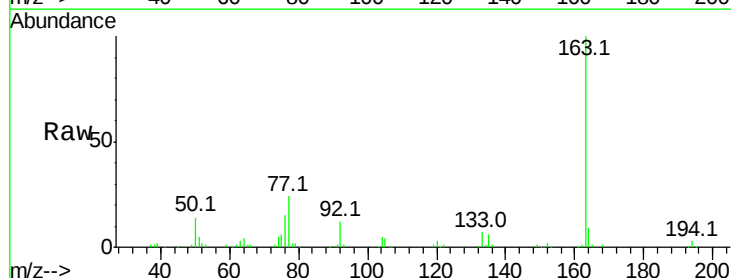
Tgt Ion:163 Resp: 453400

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

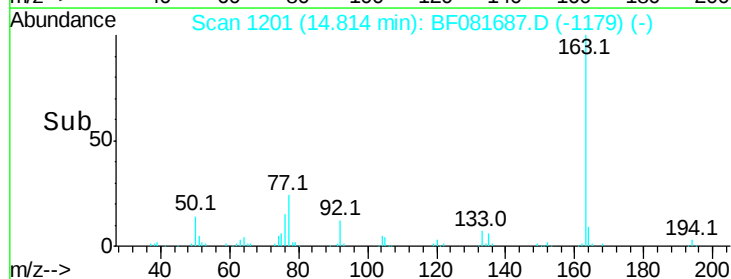
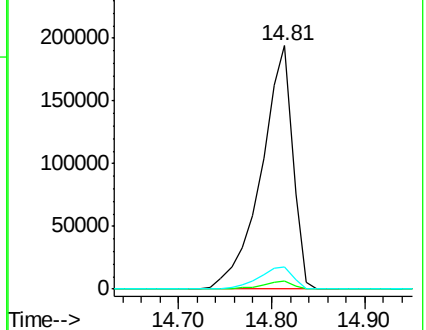
164 9.4 8.3 12.5

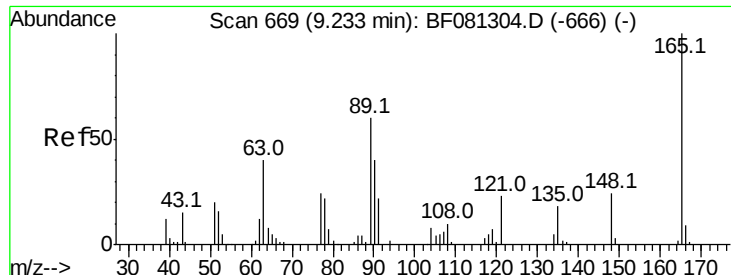


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

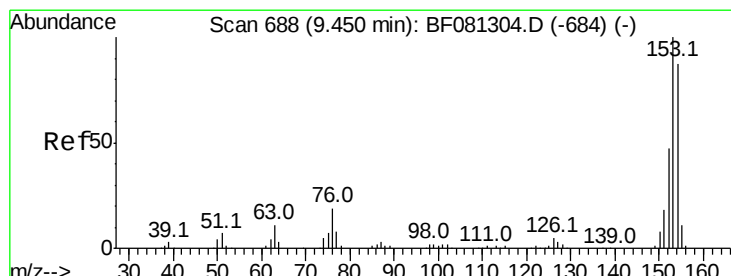
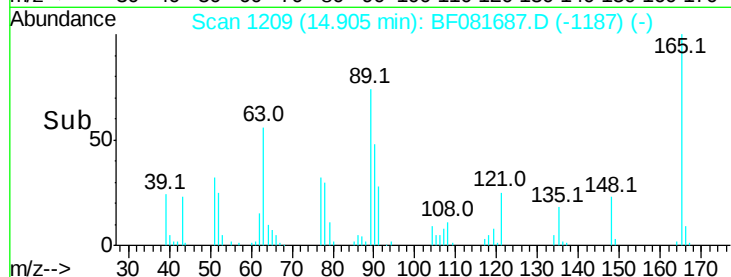
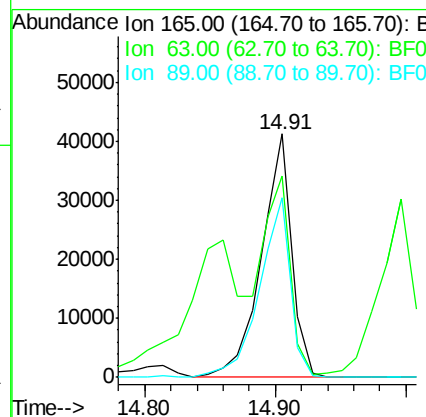
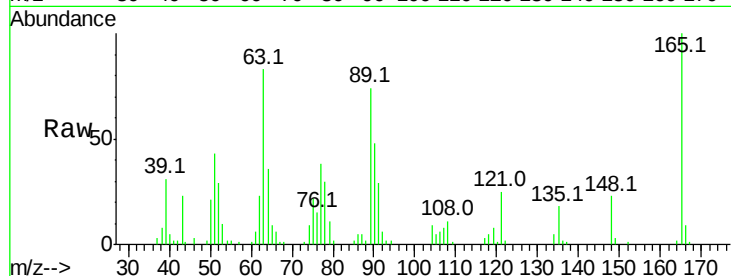




#50
 2,6-Dinitrotoluene
 Concen: 44.25 ng
 RT: 14.91 min Scan# 1209
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

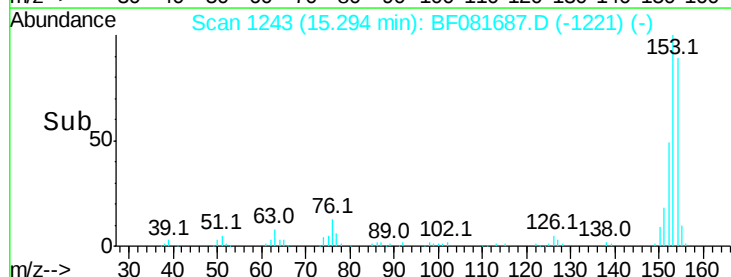
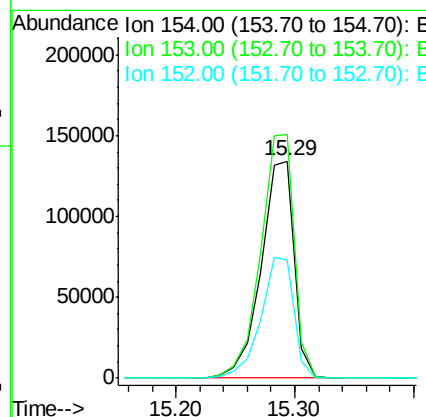
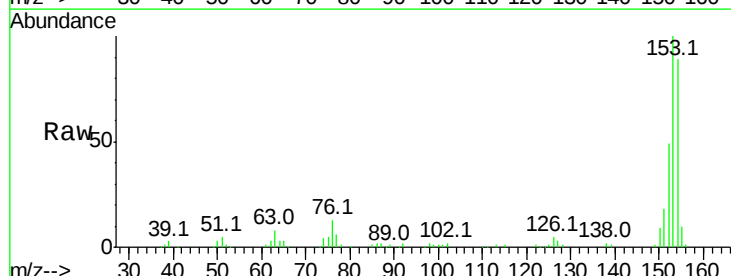
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MSD

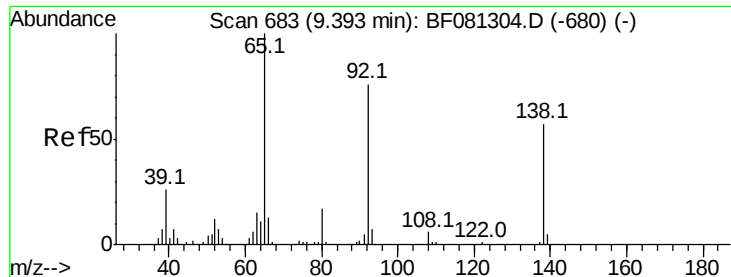
Tgt Ion	Ratio	Lower	Upper
165	100		
63	82.7	32.3	48.5#
89	73.9	28.6	43.0#



#51
 Acenaphthene
 Concen: 45.76 ng
 RT: 15.29 min Scan# 1243
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	82.1	123.1
152	54.6	37.9	56.9





#52

3-Nitroaniline

Concen: 32.29 ng

RT: 15.26 min Scan# 1240

Delta R.T. -0.06 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

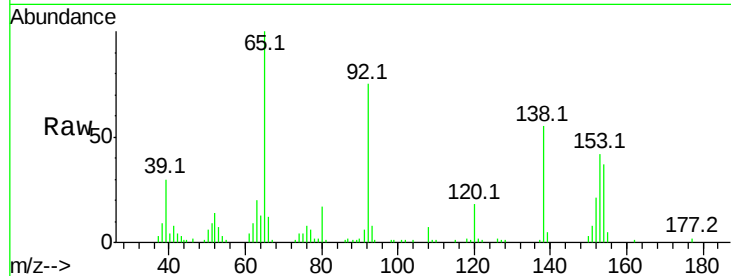
Tgt Ion:138 Resp: 55163

Ion Ratio Lower Upper

138 100

108 12.1 5.7 8.5#

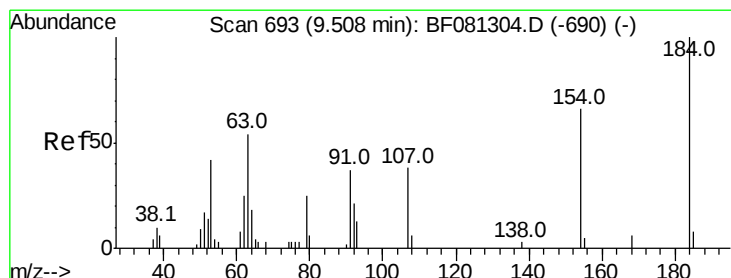
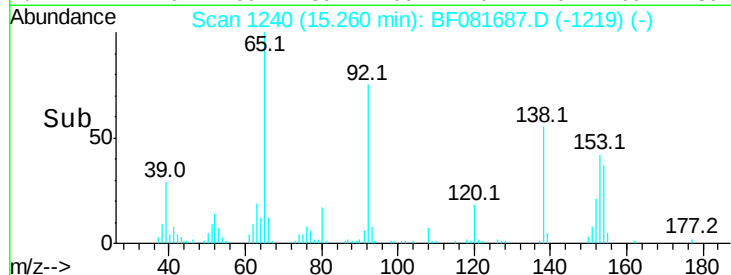
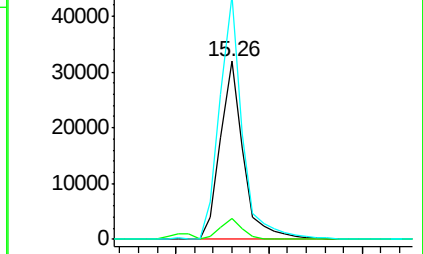
92 137.0 67.7 101.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 46.29 ng

RT: 15.56 min Scan# 1266

Delta R.T. -0.03 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

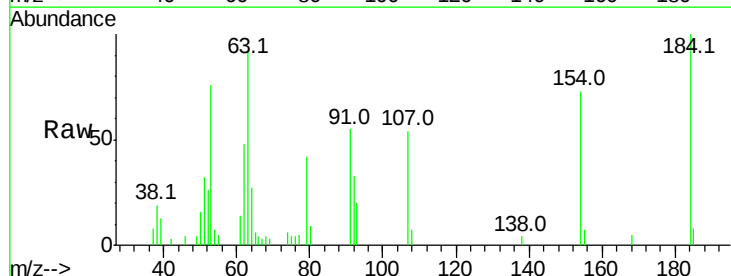
Tgt Ion:184 Resp: 33090

Ion Ratio Lower Upper

184 100

63 92.3 35.4 53.2#

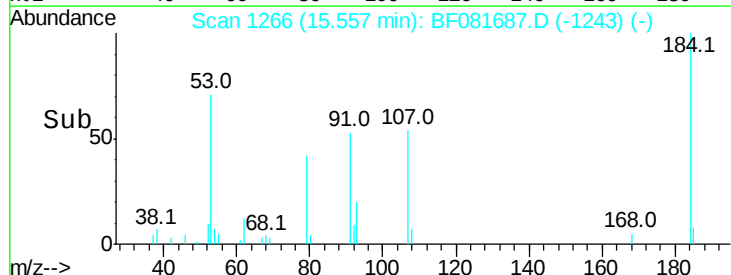
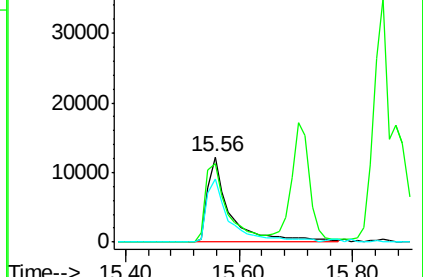
154 73.4 32.2 48.4#

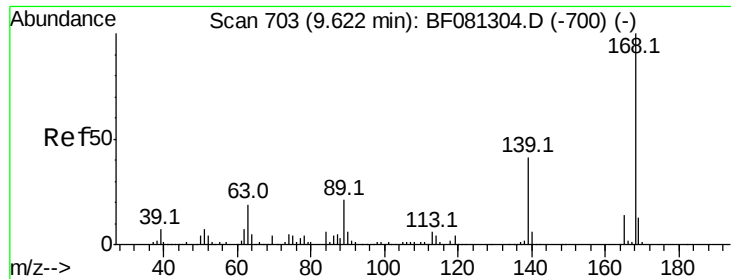


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

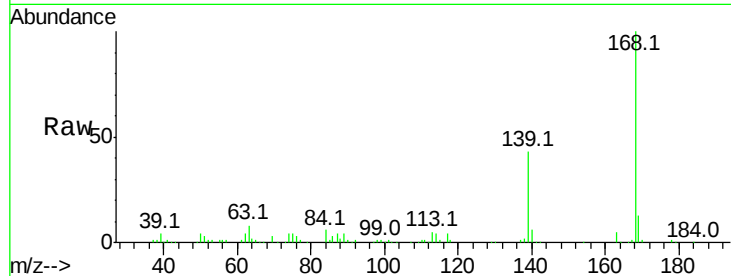




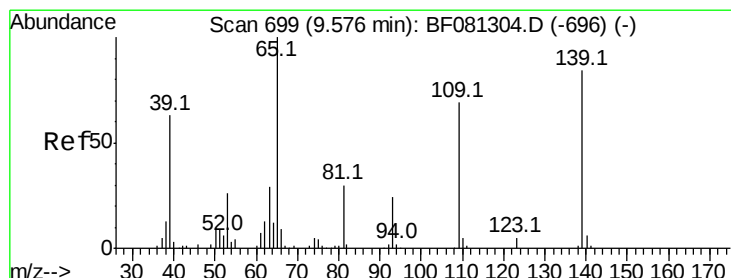
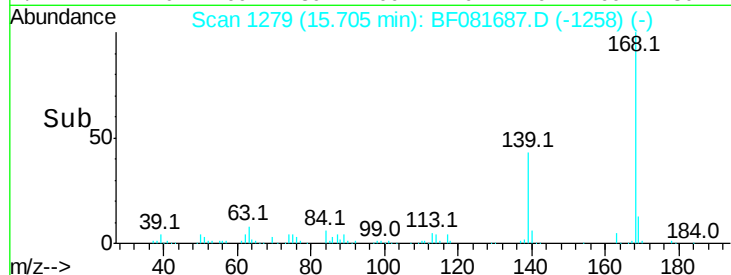
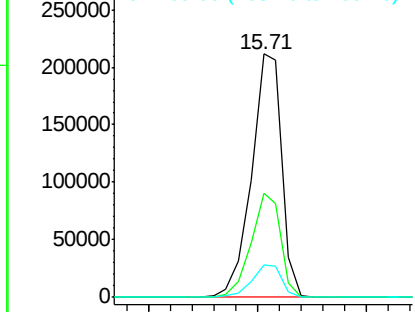
#54
Dibenzofuran
Concen: 48.97 ng
RT: 15.71 min Scan# 1279
Delta R.T. -0.06 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MSD

Tgt Ion:168 Resp: 408012
Ion Ratio Lower Upper
168 100
139 42.7 24.2 36.2#
169 13.3 10.6 15.8

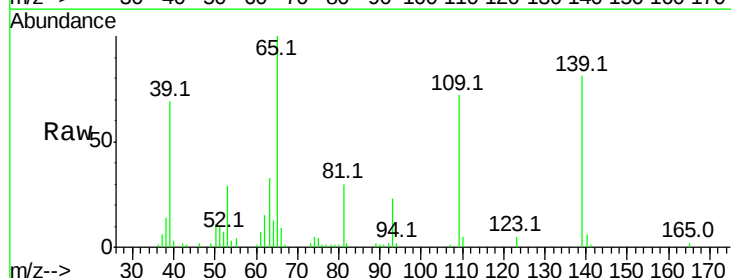


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

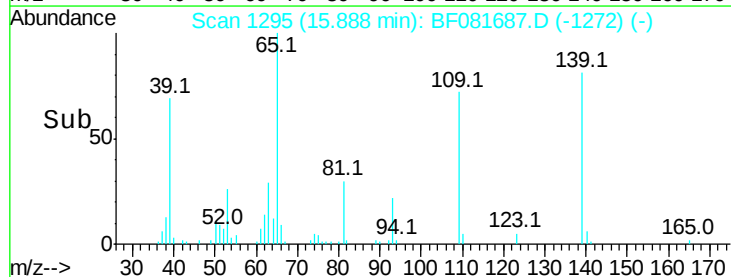
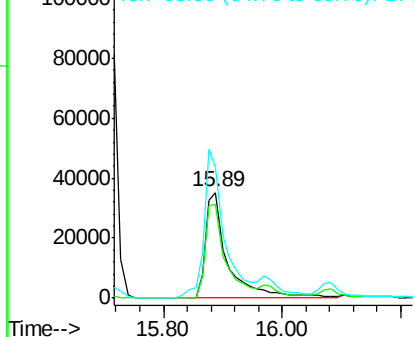


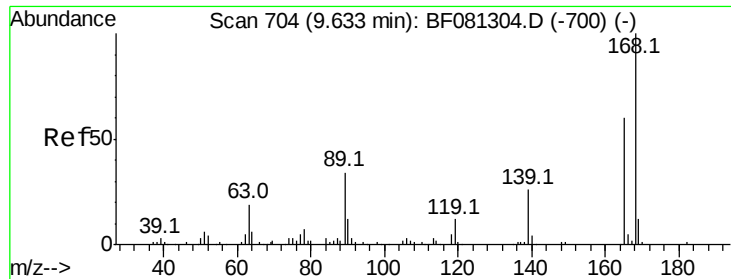
#55
4-Nitrophenol
Concen: 86.07 ng
RT: 15.89 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

Tgt Ion:139 Resp: 92372
Ion Ratio Lower Upper
139 100
109 88.8 12.7 52.7#
65 123.8 45.9 85.9#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

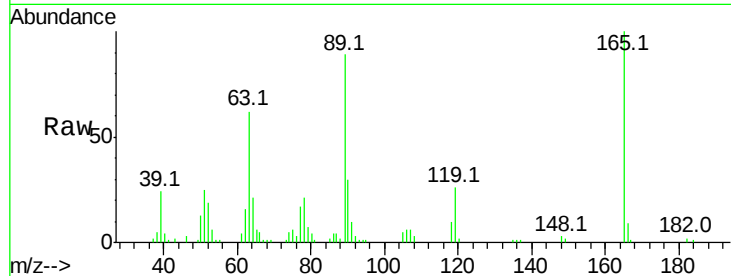




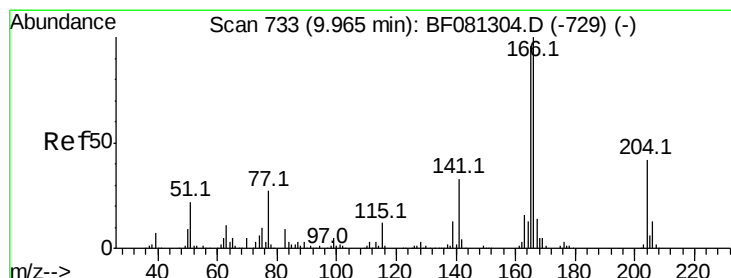
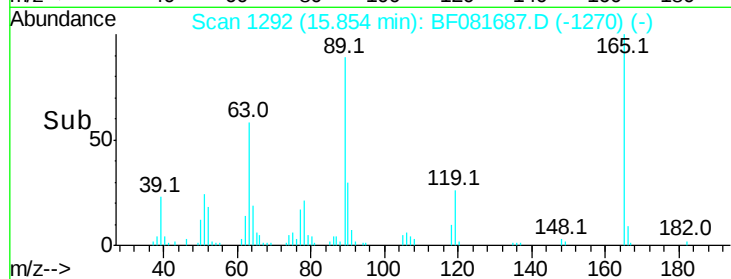
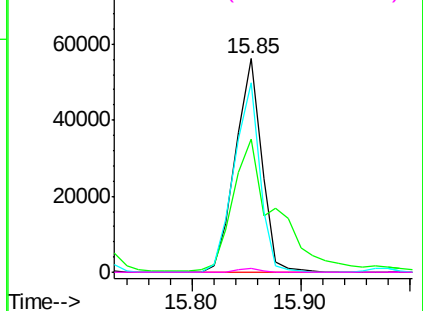
#56
2,4-Dinitrotoluene
Concen: 48.96 ng
RT: 15.85 min Scan# 1292
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MSD

Tgt Ion:165 Resp: 93553
Ion Ratio Lower Upper
165 100
63 62.2 29.8 44.6#
89 88.6 44.5 66.7#
182 2.0 3.0 4.4#

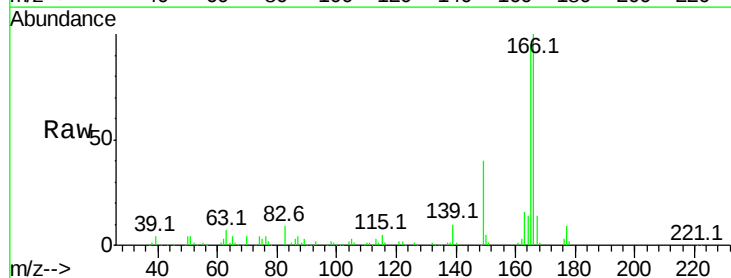


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

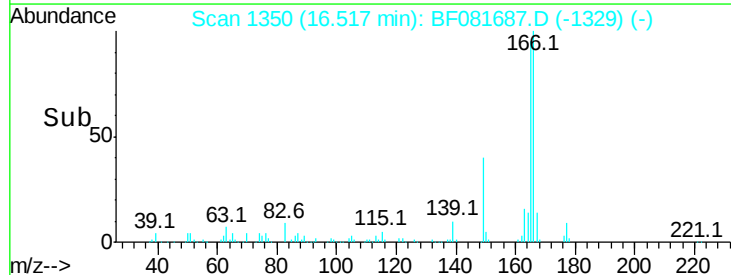
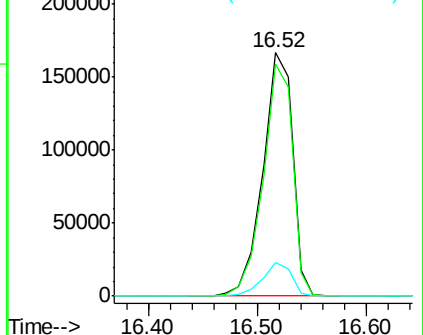


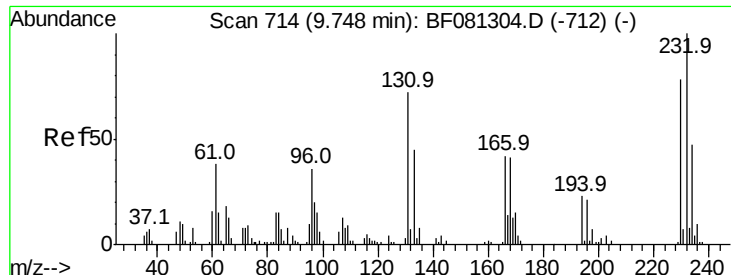
#57
Fluorene
Concen: 50.27 ng
RT: 16.52 min Scan# 1350
Delta R.T. -0.06 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

Tgt Ion:166 Resp: 317877
Ion Ratio Lower Upper
166 100
165 95.4 72.6 109.0
167 13.6 10.6 16.0



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

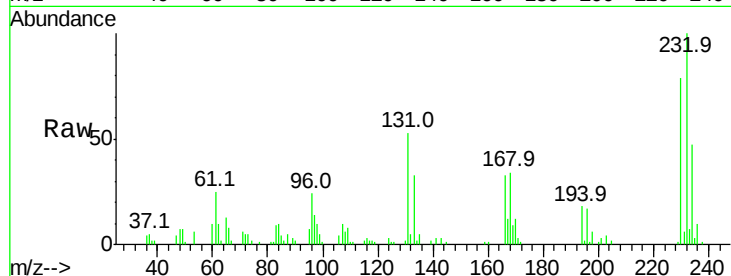




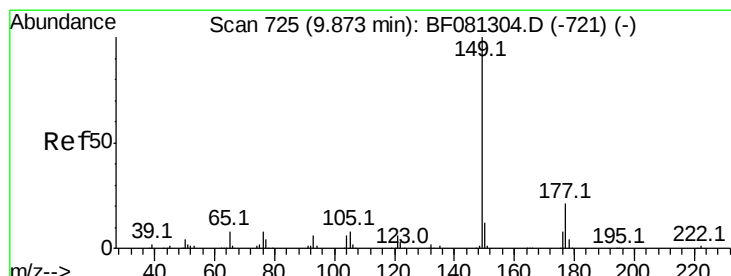
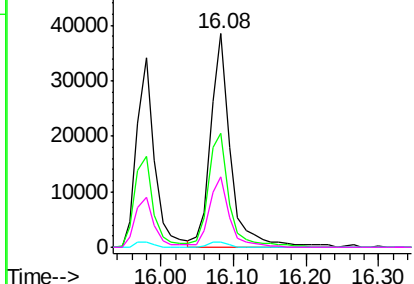
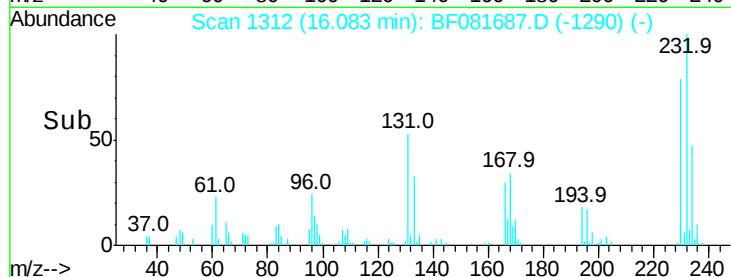
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.15 ng
 RT: 16.08 min Scan# 1312
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MSD

Tgt Ion:232 Resp: 74003
 Ion Ratio Lower Upper
 232 100
 131 56.8 38.5 57.7
 130 2.5 1.8 2.6
 166 33.4 25.0 37.6

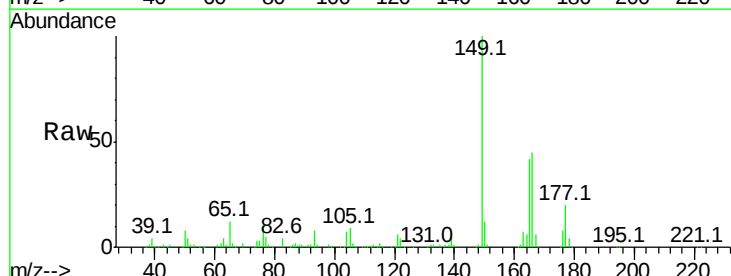


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

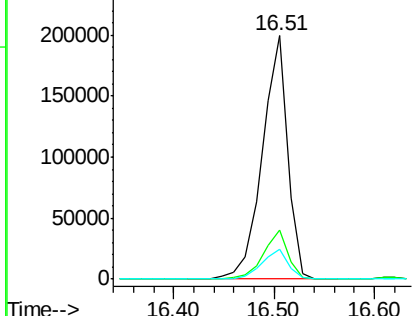
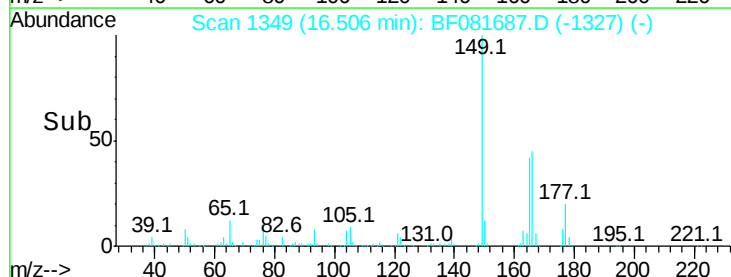


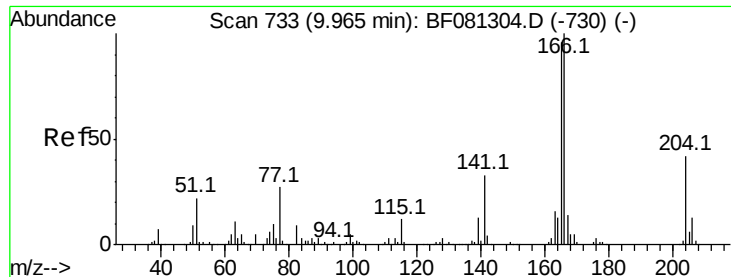
#59
 Diethylphthalate
 Concen: 50.02 ng
 RT: 16.51 min Scan# 1349
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

Tgt Ion:149 Resp: 347850
 Ion Ratio Lower Upper
 149 100
 177 19.9 17.5 26.3
 150 12.4 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

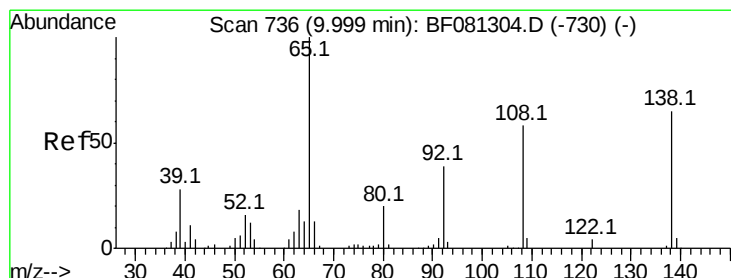
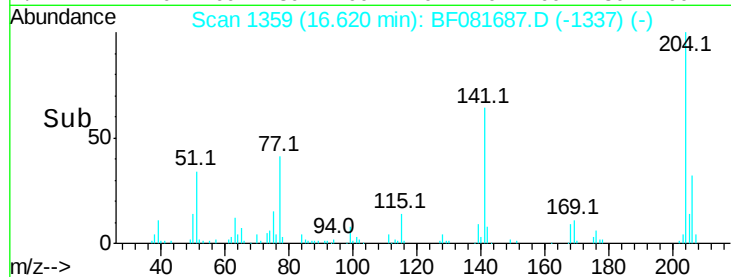
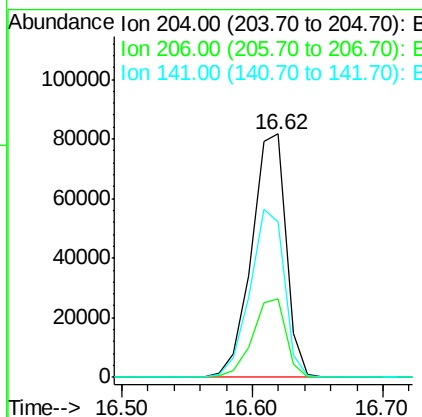
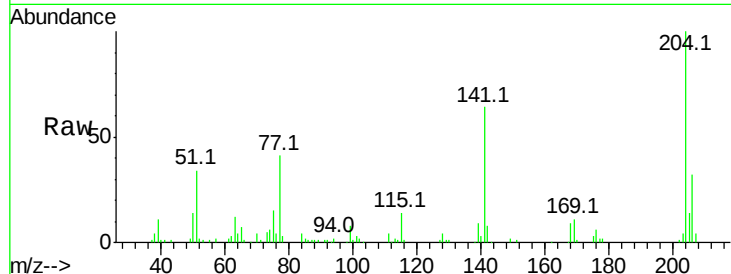




#60
 4-Chlorophenyl-phenylether
 Concen: 51.15 ng
 RT: 16.62 min Scan# 1359
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

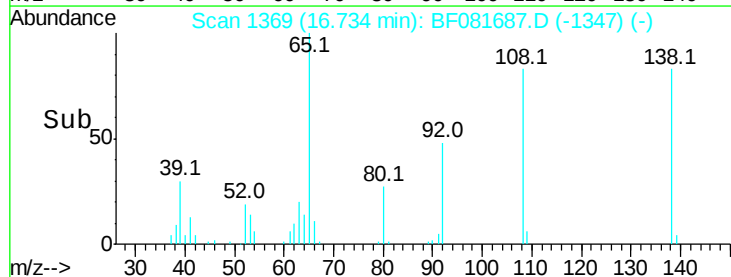
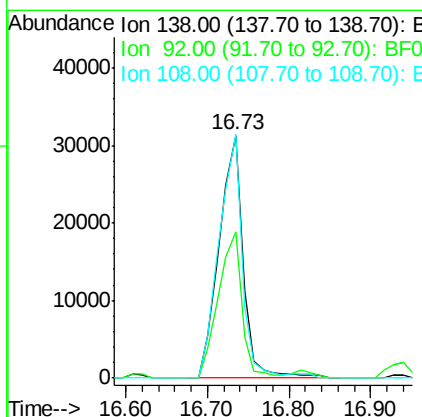
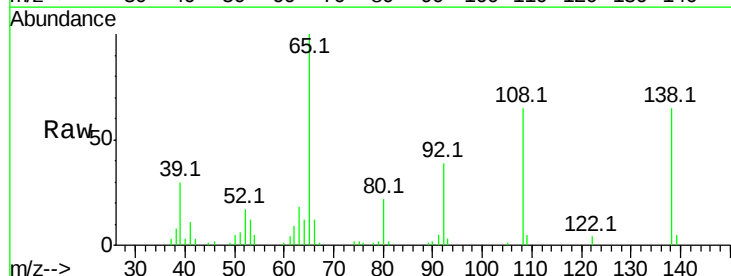
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MSD

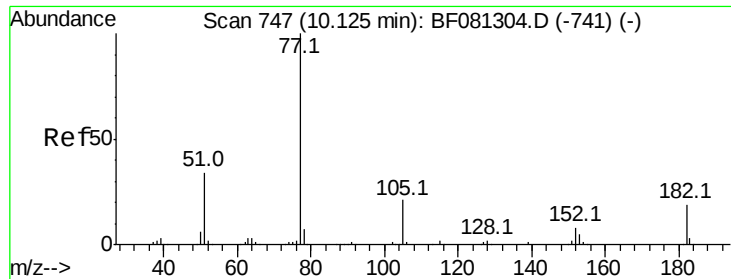
Tgt Ion:204 Resp: 150735
 Ion Ratio Lower Upper
 204 100
 206 32.4 24.8 37.2
 141 63.7 42.2 63.4#



#61
 4-Nitroaniline
 Concen: 37.16 ng
 RT: 16.73 min Scan# 1369
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

Tgt Ion:138 Resp: 64137
 Ion Ratio Lower Upper
 138 100
 92 60.4 12.6 52.6#
 108 100.4 12.4 52.4#





#62

Azobenzene

Concen: 50.89 ng

RT: 16.99 min Scan# 1391

Delta R.T. -0.04 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

Tgt Ion: 77 Resp: 393529

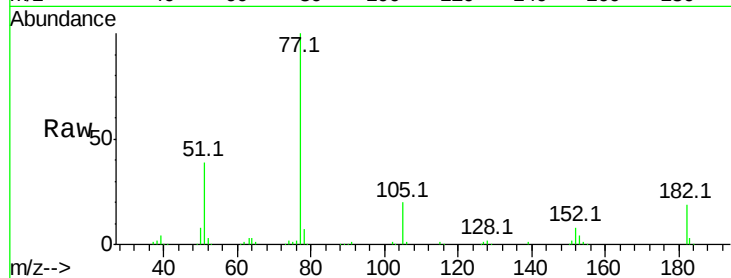
Ion Ratio Lower Upper

77 100

182 19.3 15.1 55.1

105 19.6 3.4 43.4

51 39.0 12.0 52.0

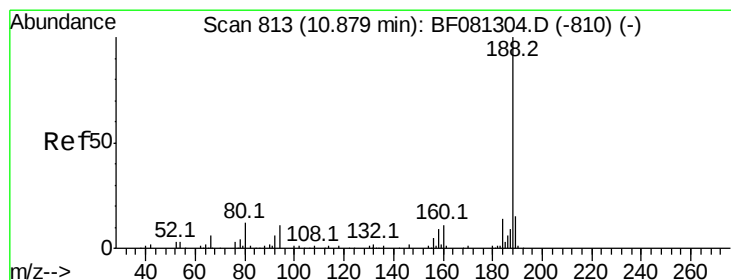
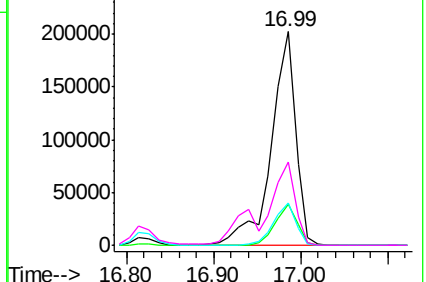
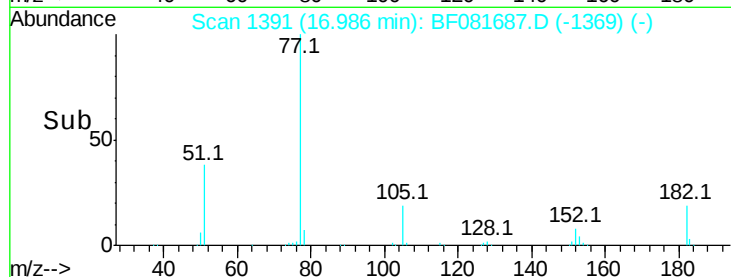


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.71 min Scan# 1542

Delta R.T. -0.04 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

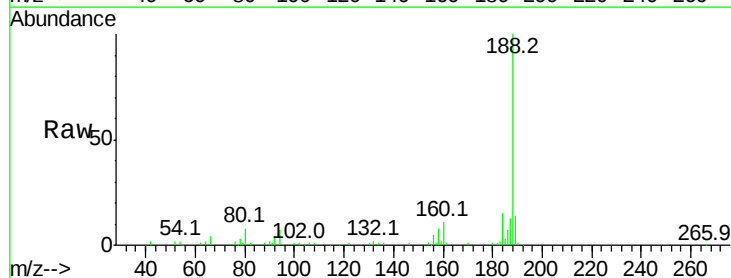
Tgt Ion: 188 Resp: 164316

Ion Ratio Lower Upper

188 100

94 7.1 11.1 16.7#

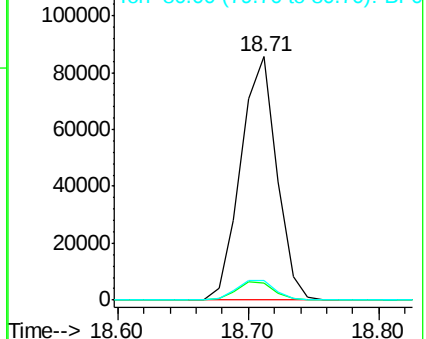
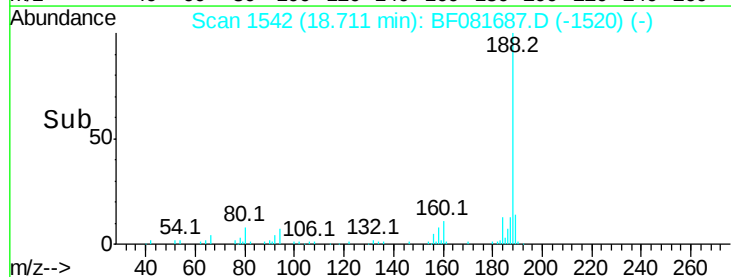
80 8.0 11.0 16.4#

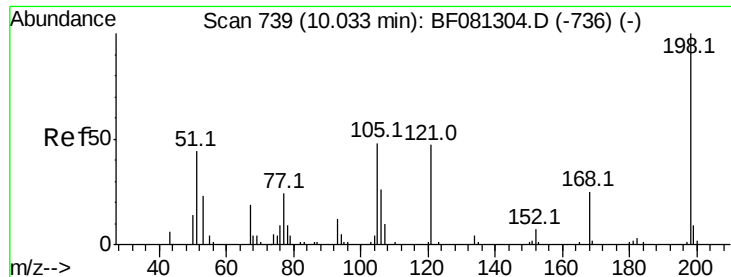


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

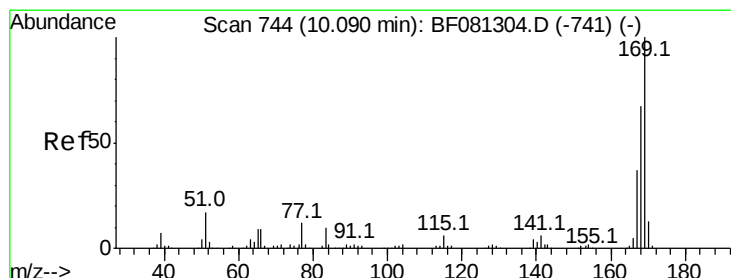
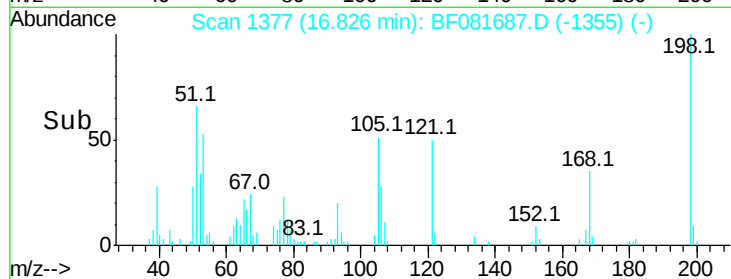
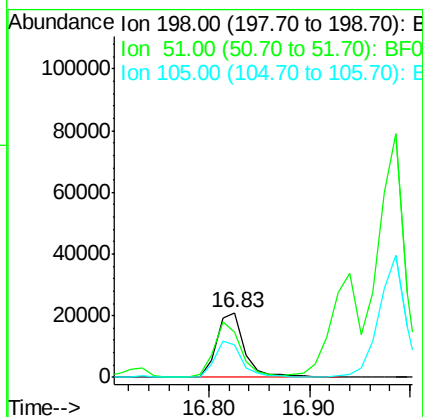
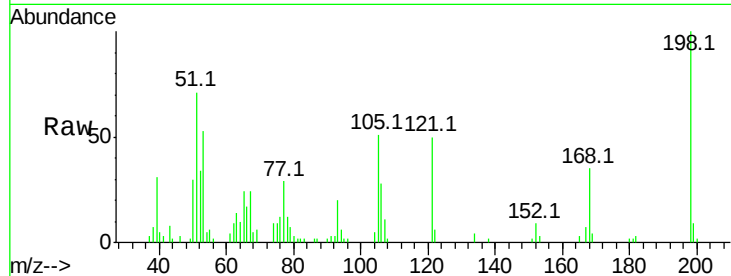




#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.37 ng
 RT: 16.83 min Scan# 1377
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

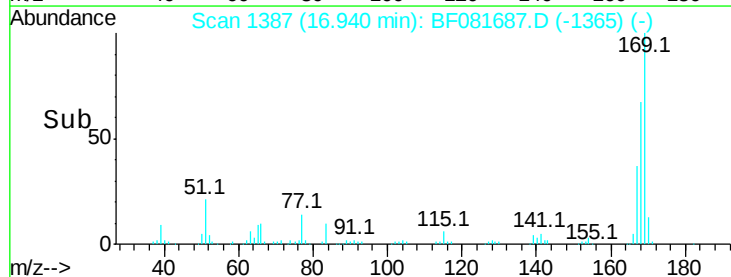
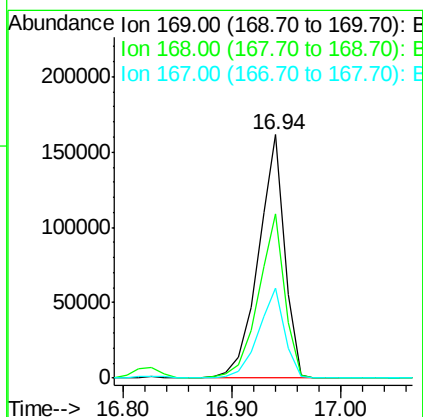
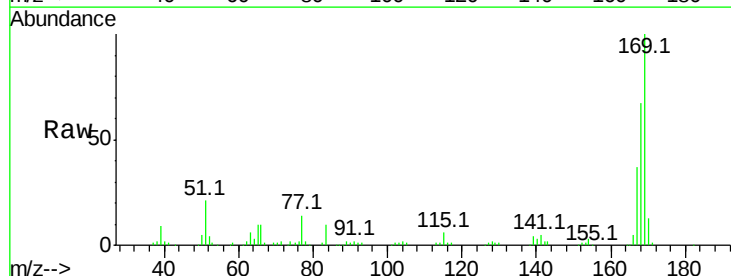
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MSD

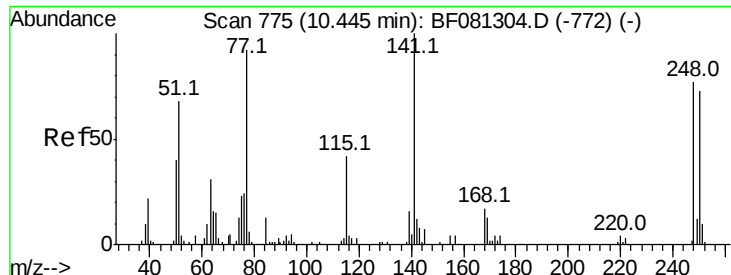
Tgt Ion:198 Resp: 39861
 Ion Ratio Lower Upper
 198 100
 51 70.8 39.6 79.6
 105 50.7 28.5 68.5



#65
 n-Nitrosodiphenylamine
 Concen: 45.32 ng
 RT: 16.94 min Scan# 1387
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

Tgt Ion:169 Resp: 270990
 Ion Ratio Lower Upper
 169 100
 168 67.4 48.9 73.3
 167 36.9 26.2 39.4





#66

4-Bromophenyl-phenylether

Concen: 49.71 ng

RT: 17.75 min Scan# 1458

Delta R.T. -0.06 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

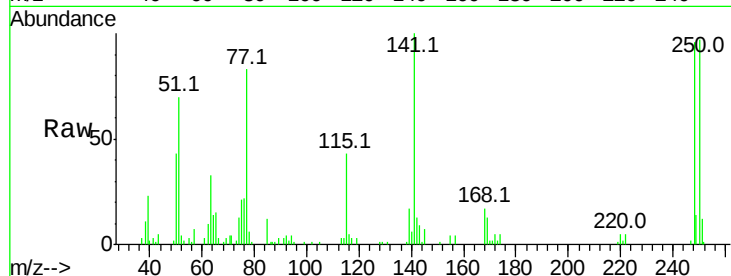
Tgt Ion:248 Resp: 82594

Ion Ratio Lower Upper

248 100

250 101.1 78.5 117.7

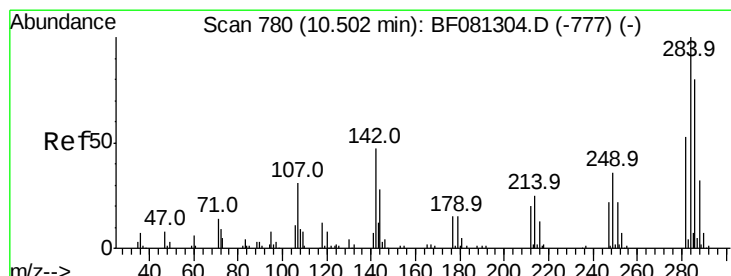
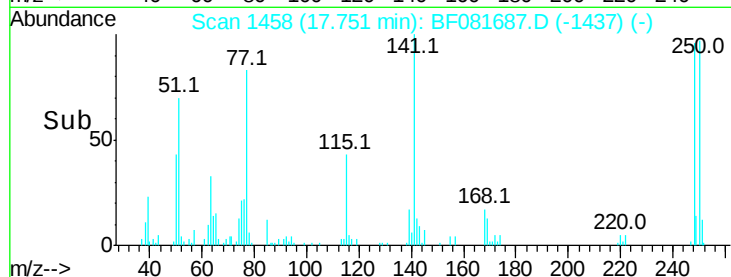
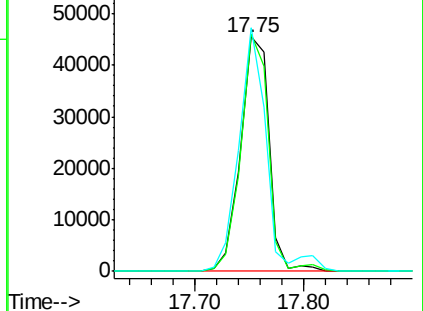
141 103.9 59.0 88.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 47.99 ng

RT: 17.81 min Scan# 1463

Delta R.T. -0.06 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

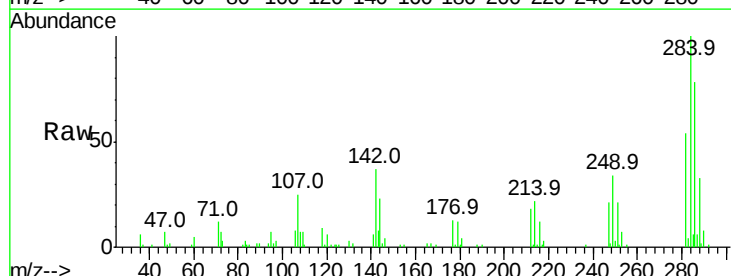
Tgt Ion:284 Resp: 83360

Ion Ratio Lower Upper

284 100

142 36.6 29.5 44.3

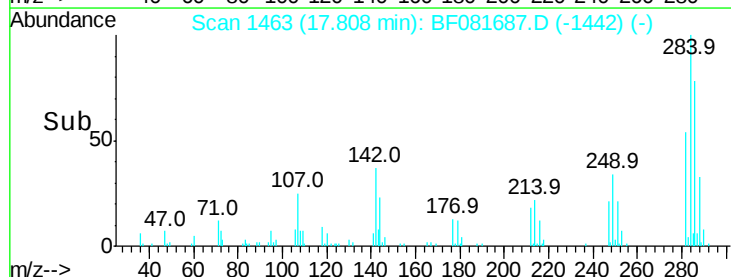
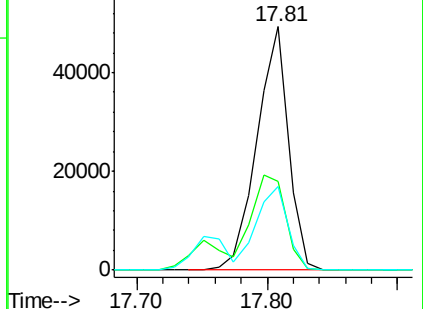
249 34.4 19.5 29.3#

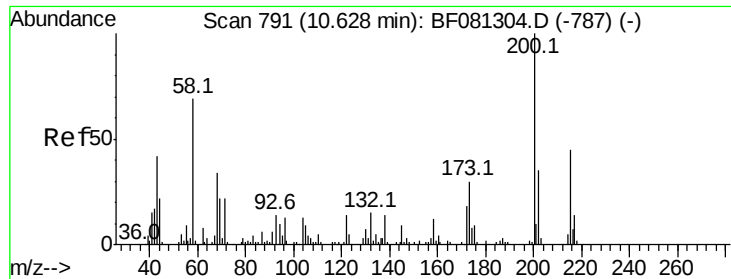


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 49.93 ng

RT: 18.35 min Scan# 1510

Delta R.T. -0.06 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

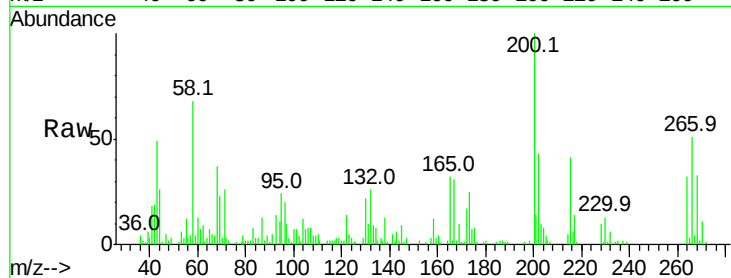
Tgt Ion:200 Resp: 86397

Ion Ratio Lower Upper

200 100

173 24.7 13.2 53.2

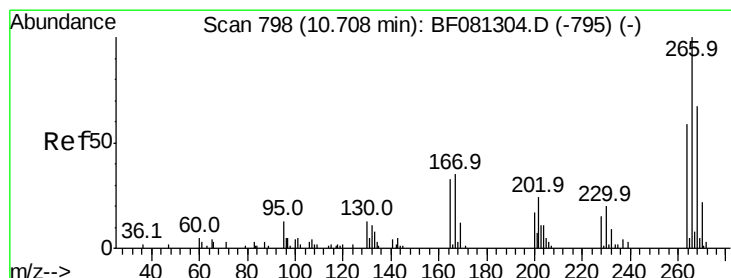
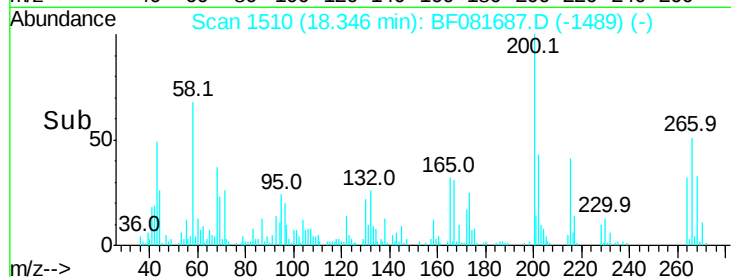
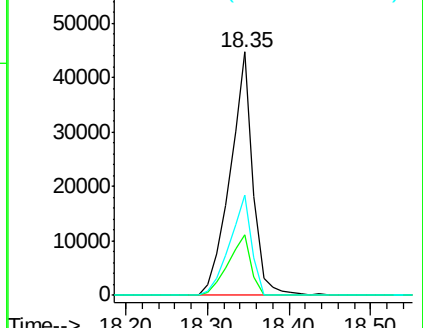
215 41.2 41.8 81.8#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 77.64 ng

RT: 18.36 min Scan# 1511

Delta R.T. -0.04 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

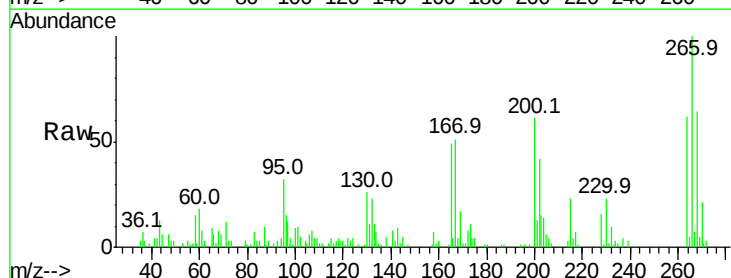
Tgt Ion:266 Resp: 65419

Ion Ratio Lower Upper

266 100

268 63.6 49.8 74.6

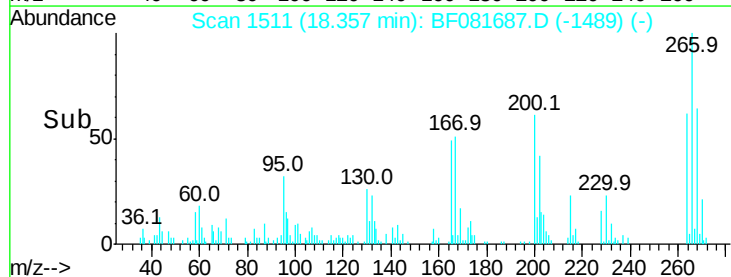
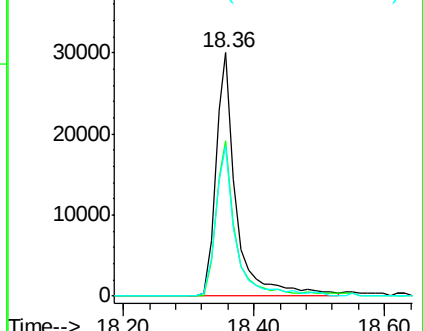
264 61.8 50.2 75.2

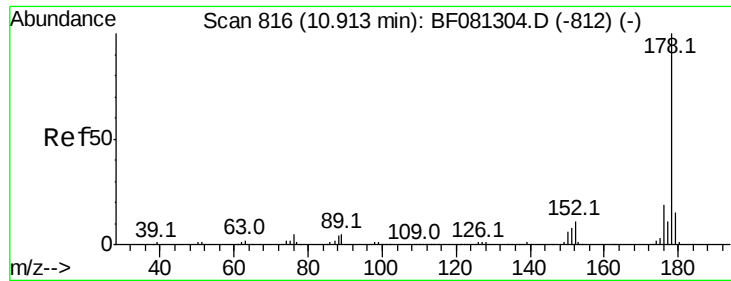


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 48.35 ng

RT: 18.77 min Scan# 1547

Delta R.T. -0.06 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

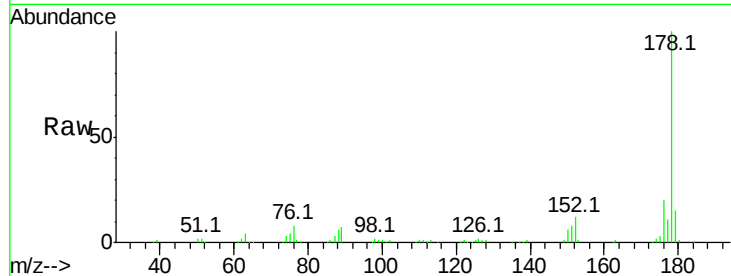
Tgt Ion:178 Resp: 441674

Ion Ratio Lower Upper

178 100

176 19.7 13.8 20.8

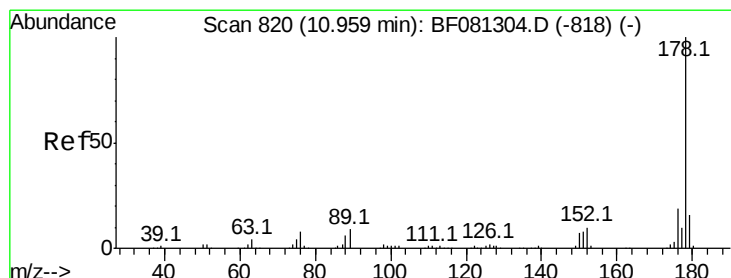
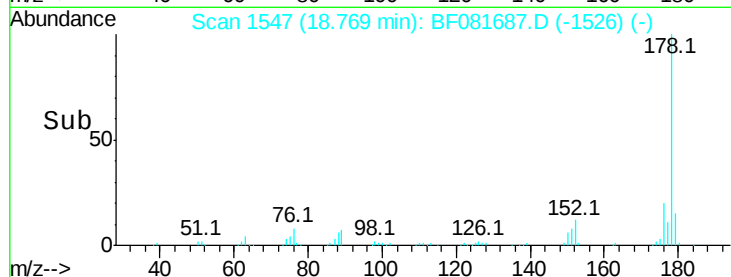
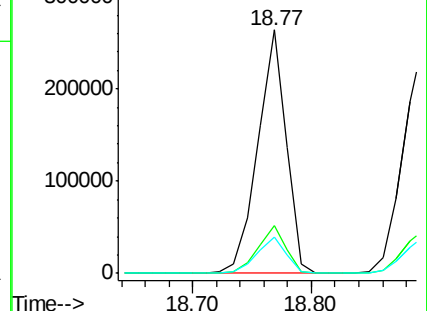
179 14.9 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 45.32 ng

RT: 18.89 min Scan# 1558

Delta R.T. -0.06 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

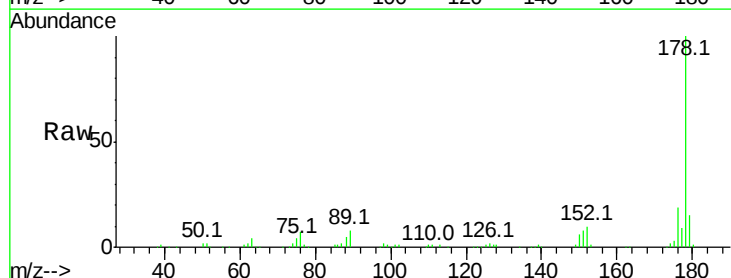
Tgt Ion:178 Resp: 425299

Ion Ratio Lower Upper

178 100

176 18.8 14.1 21.1

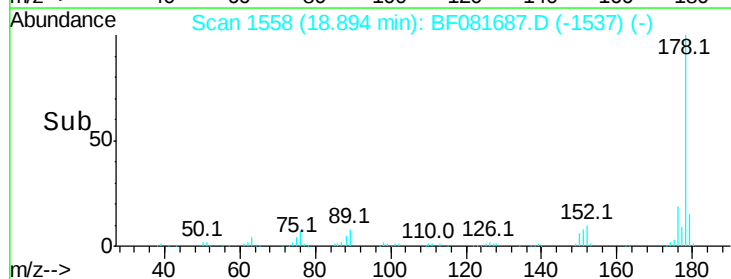
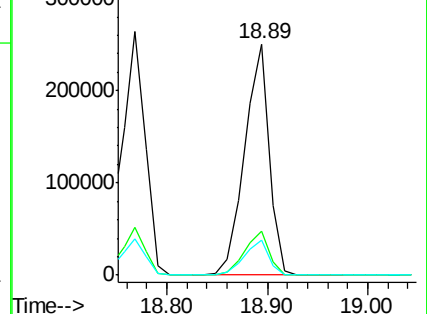
179 15.0 12.2 18.2

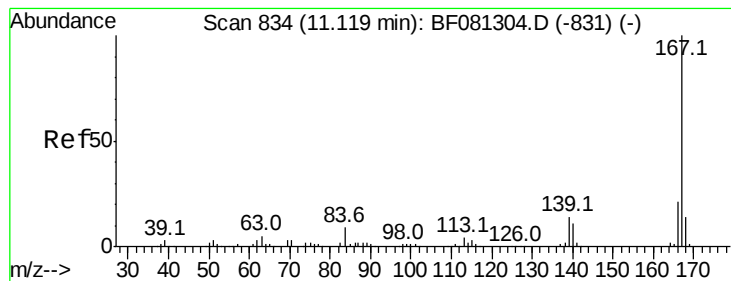


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 45.63 ng

RT: 19.36 min Scan# 1599

Delta R.T. -0.06 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

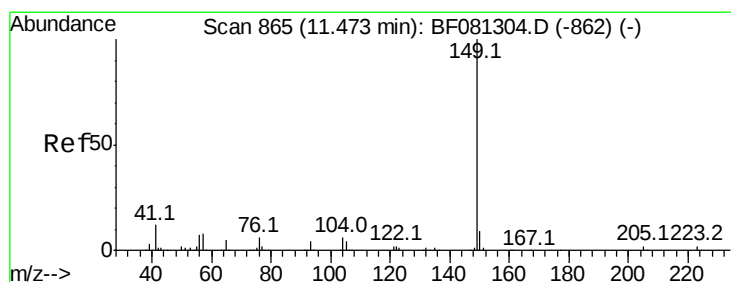
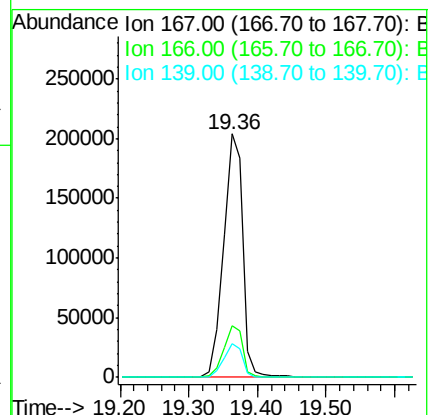
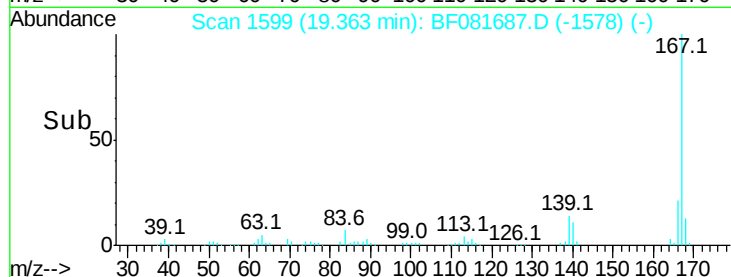
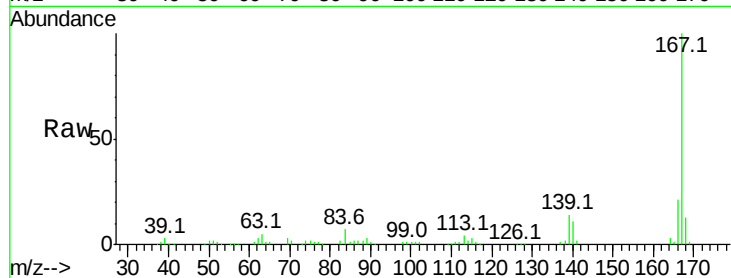
Tgt Ion:167 Resp: 401824

Ion Ratio Lower Upper

167 100

166 20.9 15.7 23.5

139 13.8 9.5 14.3



#73

Di-n-butylphthalate

Concen: 49.75 ng

RT: 20.41 min Scan# 1691

Delta R.T. -0.06 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

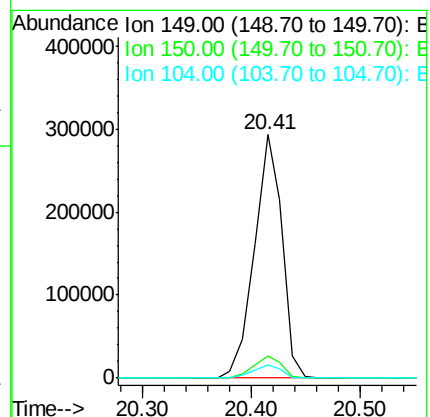
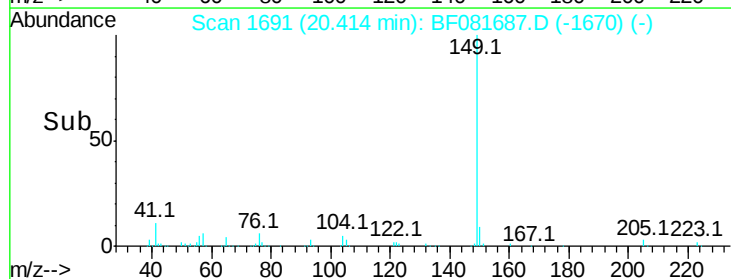
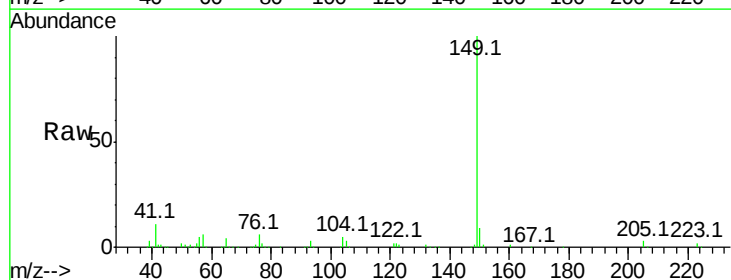
Tgt Ion:149 Resp: 517397

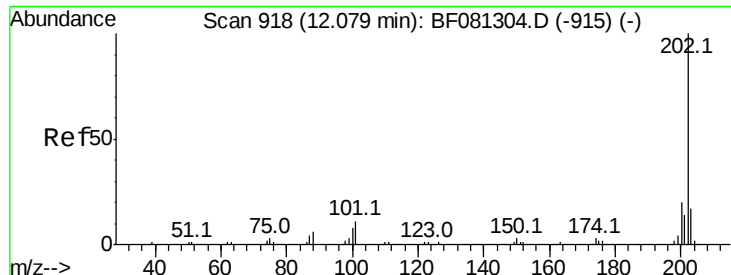
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 5.3 2.4 3.6#

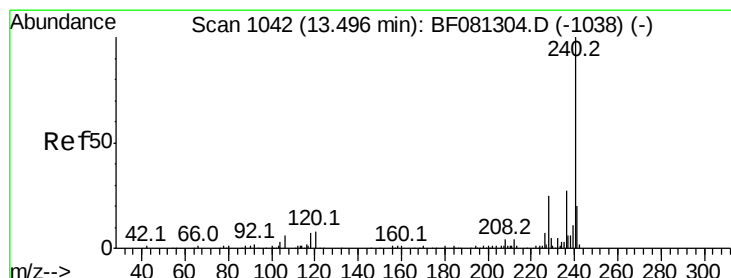
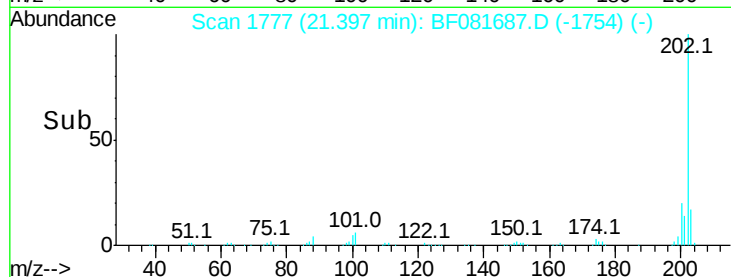
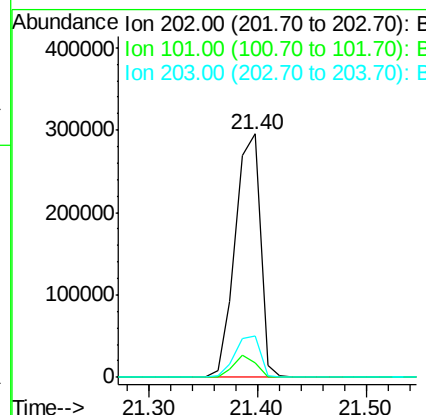
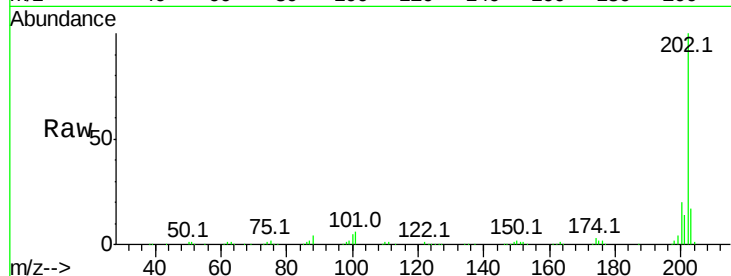




#74
 Fluoranthene
 Concen: 47.27 ng
 RT: 21.40 min Scan# 1777
 Delta R.T. -0.03 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

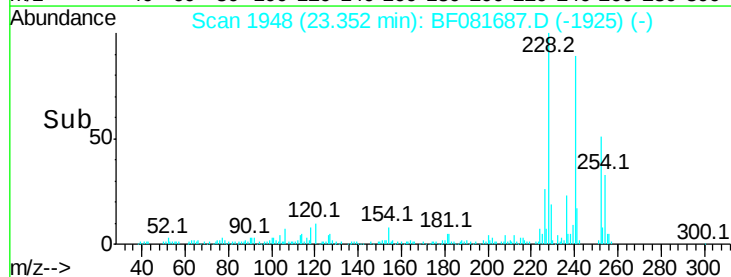
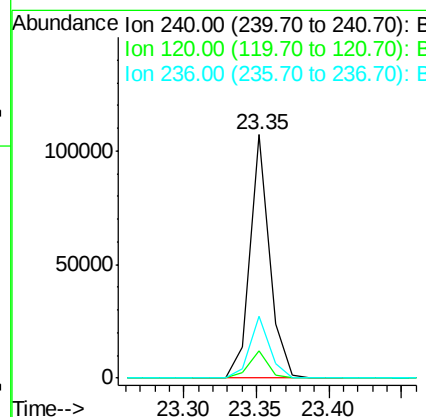
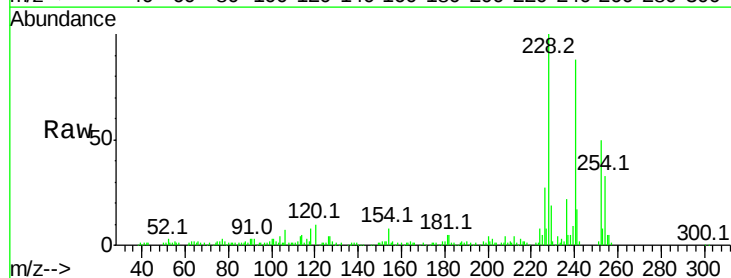
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MSD

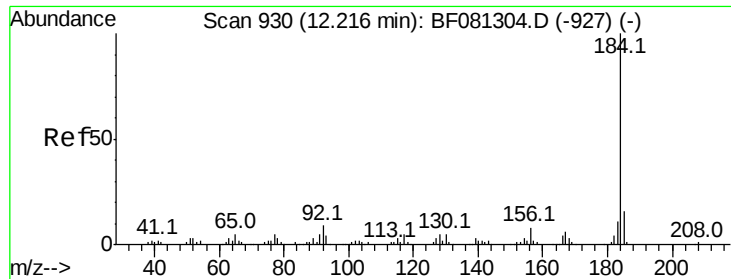
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	467414		
101	6.1		0.0	38.3
203	17.2		0.0	37.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 23.35 min Scan# 1948
 Delta R.T. -0.03 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	100494		
120	11.0		16.2	24.2#
236	25.5		18.4	27.6





#76

Benzidine

Concen: 25.31 ng

RT: 21.71 min Scan# 1804

Delta R.T. -0.03 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

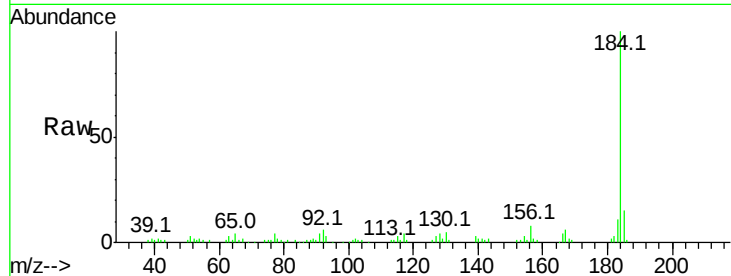
Tgt Ion:184 Resp: 109200

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

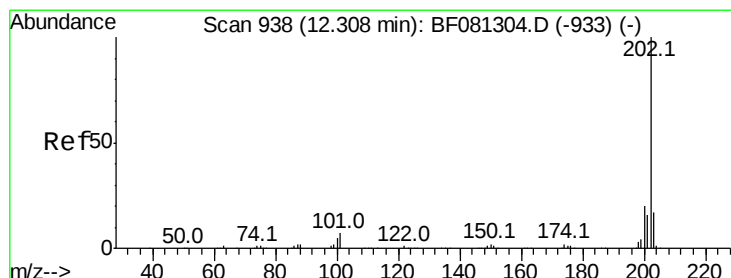
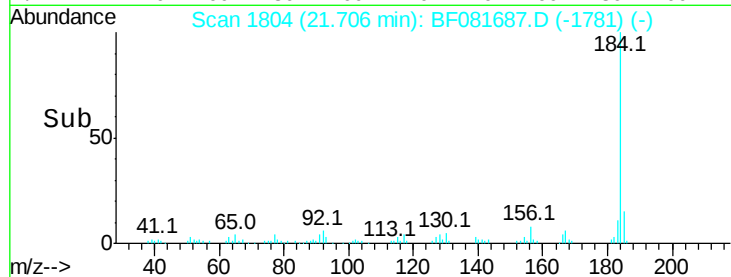
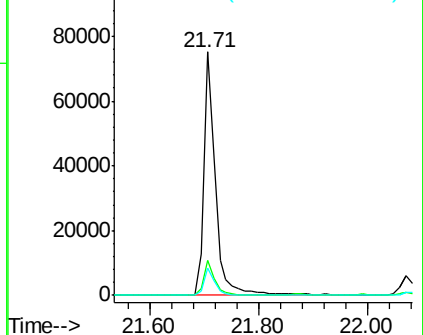
183 11.0 7.6 11.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 60.98 ng

RT: 21.74 min Scan# 1807

Delta R.T. -0.04 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

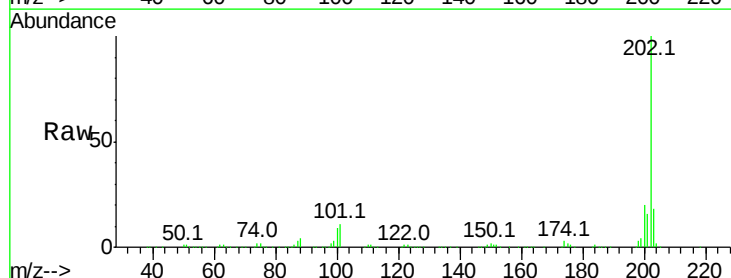
Tgt Ion:202 Resp: 453938

Ion Ratio Lower Upper

202 100

200 19.8 15.0 22.4

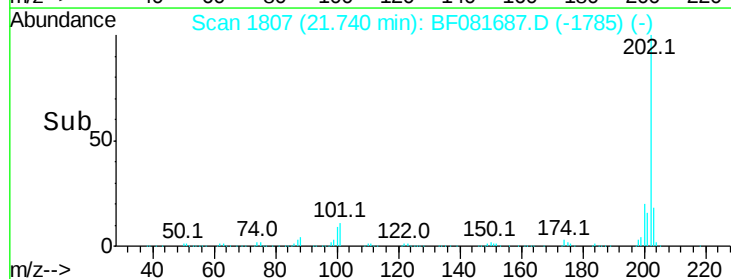
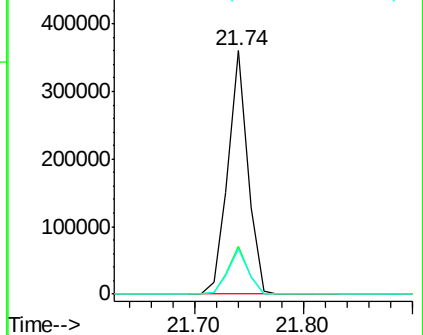
203 18.4 14.1 21.1

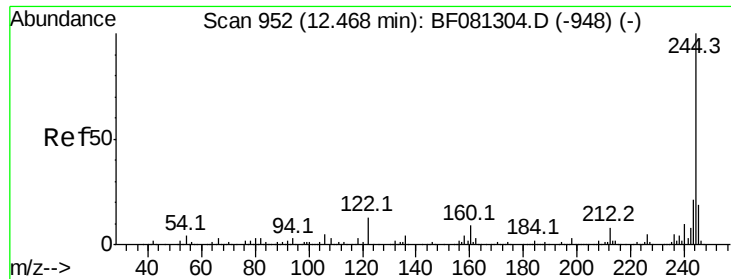


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

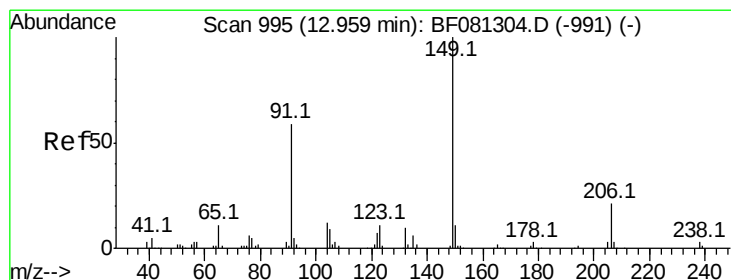
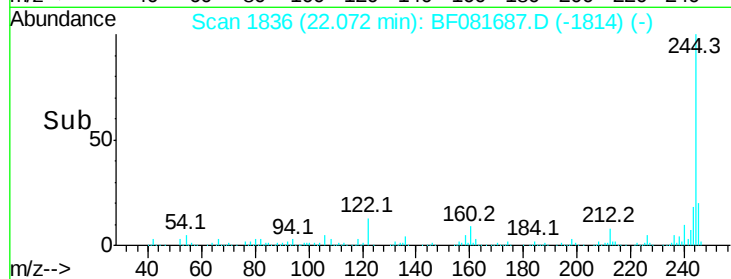
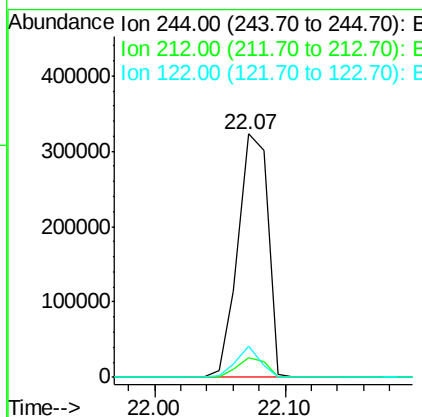
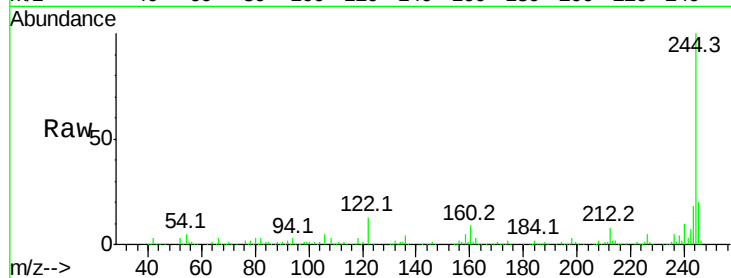




#78
 Terphenyl-d14
 Concen: 119.67 ng
 RT: 22.07 min Scan# 1836
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

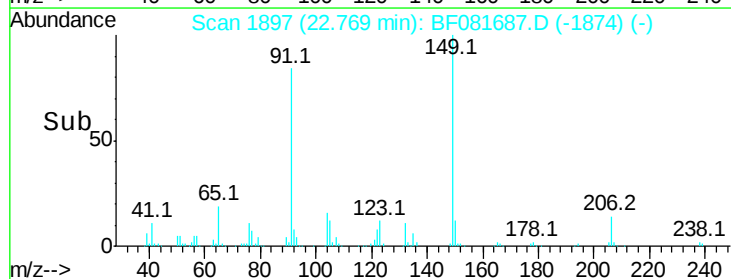
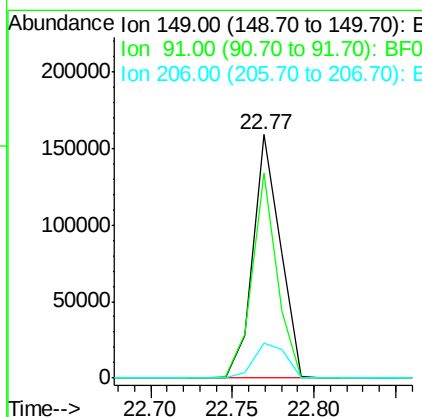
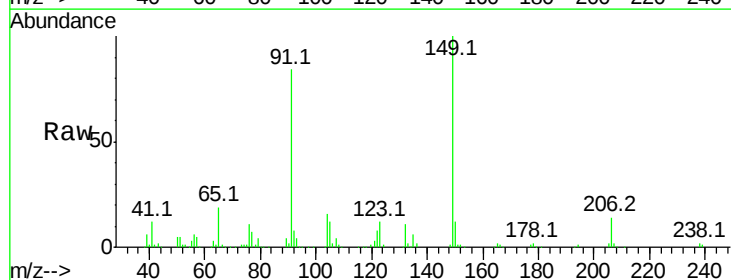
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MSD

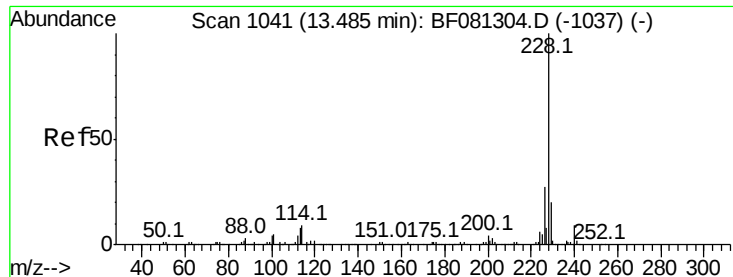
Tgt Ion:244 Resp: 516632
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 13.0 17.4 26.2#



#79
 Butylbenzylphthalate
 Concen: 57.14 ng
 RT: 22.77 min Scan# 1897
 Delta R.T. -0.03 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

Tgt Ion:149 Resp: 185000
 Ion Ratio Lower Upper
 149 100
 91 84.3 48.6 72.8#
 206 14.4 14.9 22.3#





#80

Benzo(a)anthracene

Concen: 49.44 ng

RT: 23.34 min Scan# 1947

Delta R.T. -0.03 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

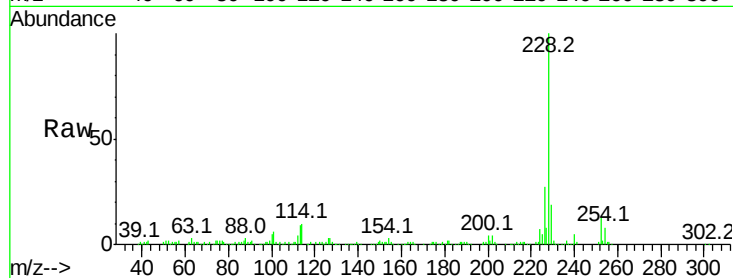
Tgt Ion:228 Resp: 316387

Ion	Ratio	Lower	Upper
228	100		
226	27.3	20.0	30.0
229	19.4	15.4	23.2

228 100

226 27.3 20.0 30.0

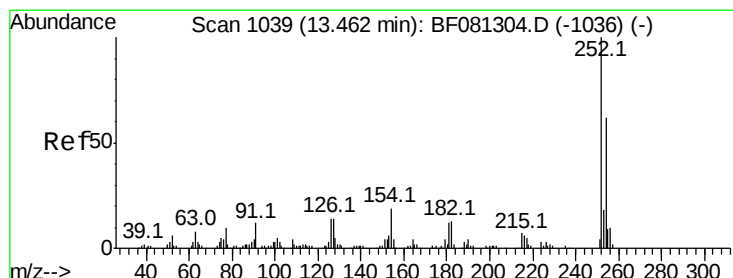
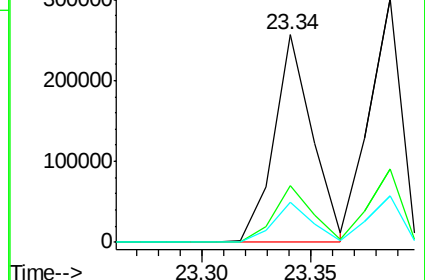
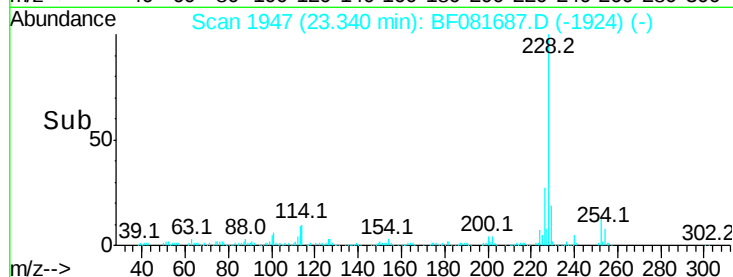
229 19.4 15.4 23.2



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



#81

3,3'-Dichlorobenzidine

Concen: 32.42 ng

RT: 23.35 min Scan# 1948

Delta R.T. -0.03 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

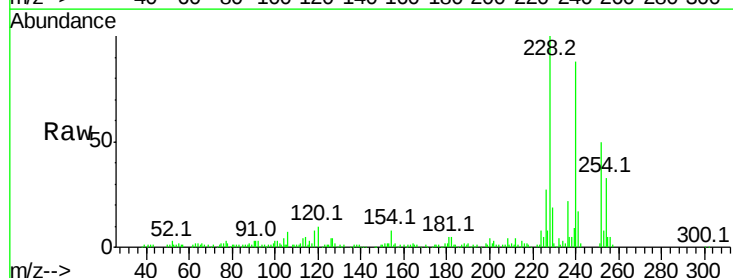
Tgt Ion:252 Resp: 69982

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.4	77.2
126	8.6	16.4	24.6

252 100

254 65.2 51.4 77.2

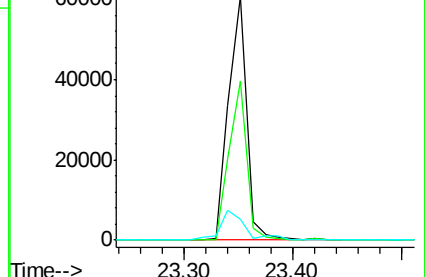
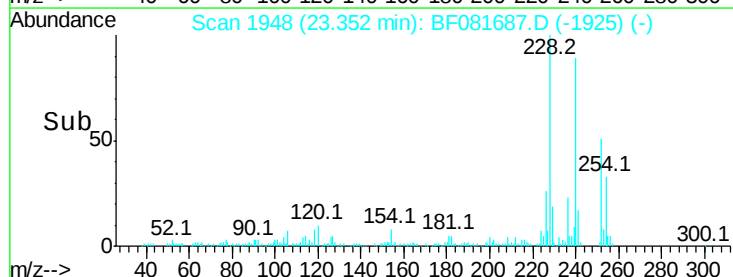
126 8.6 16.4 24.6

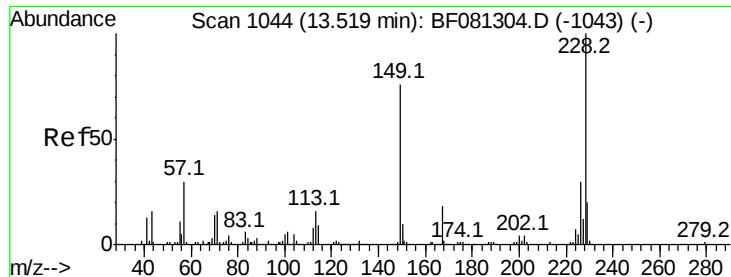


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 52.83 ng

RT: 23.39 min Scan# 1951

Delta R.T. -0.03 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

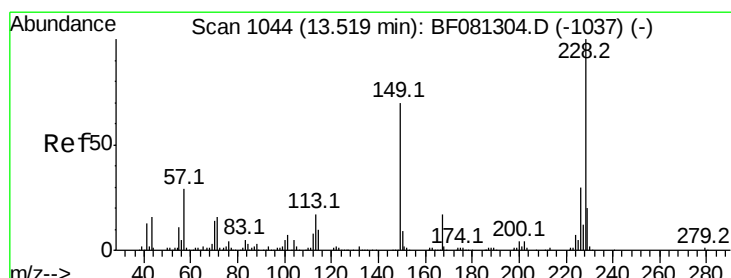
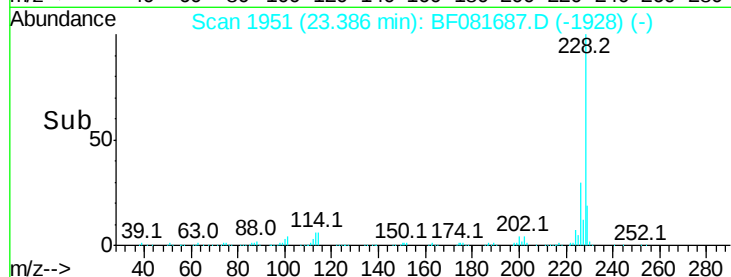
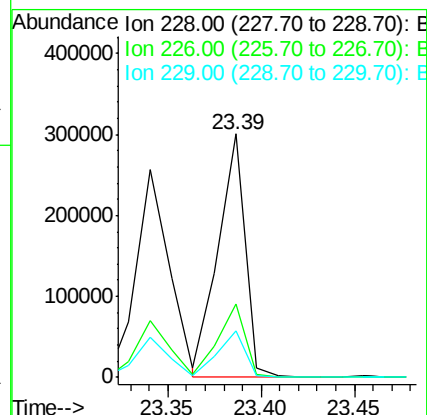
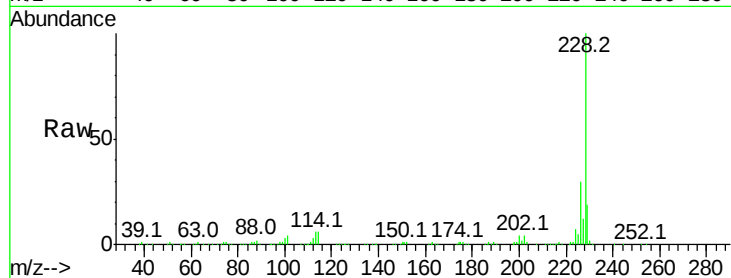
Tgt Ion:228 Resp: 303106

Ion Ratio Lower Upper

228 100

226 30.0 21.0 31.4

229 19.3 15.6 23.4



#83

Bis(2-ethylhexyl)phthalate

Concen: 59.52 ng

RT: 23.47 min Scan# 1958

Delta R.T. -0.03 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

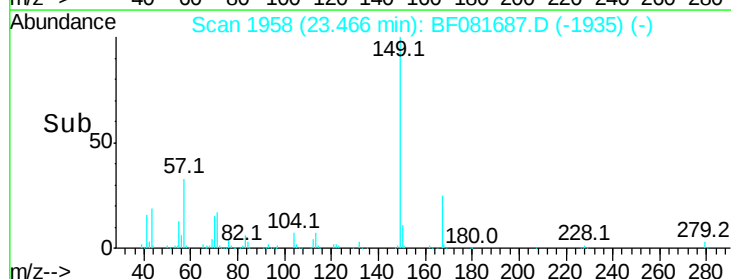
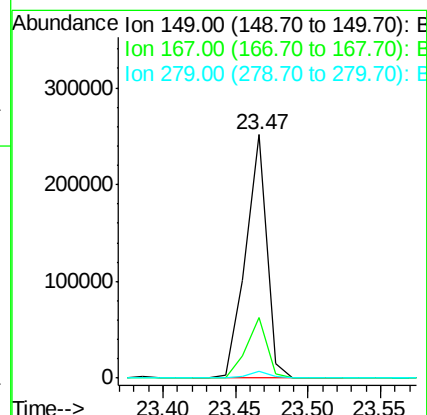
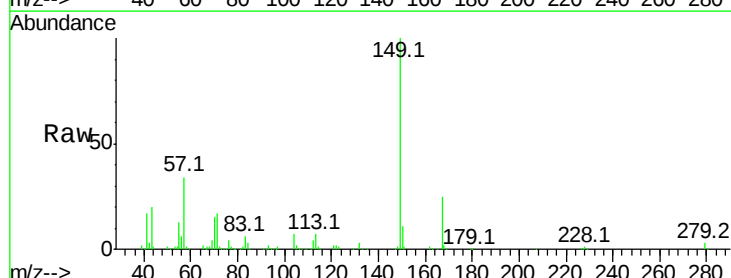
Tgt Ion:149 Resp: 254297

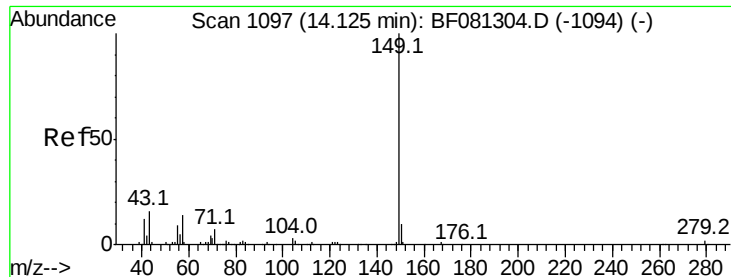
Ion Ratio Lower Upper

149 100

167 25.0 24.2 36.2

279 2.7 3.8 5.6#

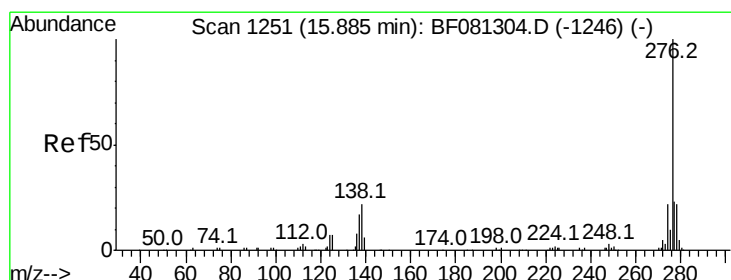
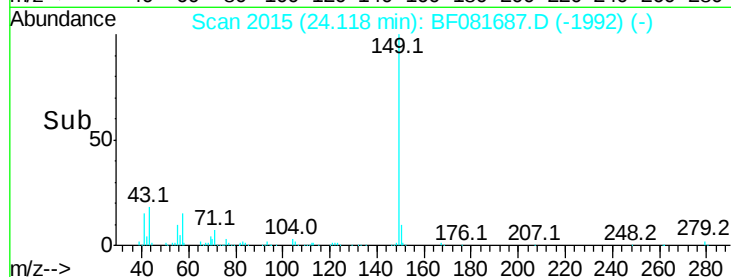
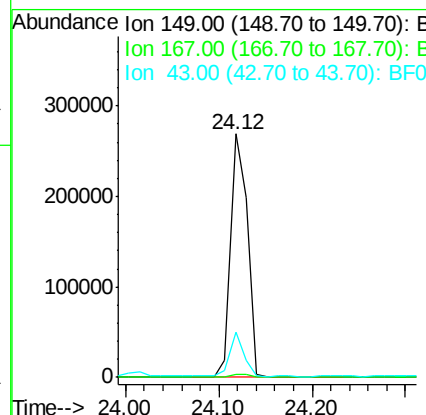
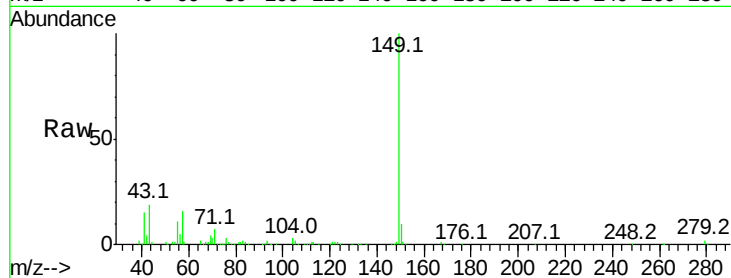




#84
Di-n-octyl phthalate
Concen: 48.21 ng
RT: 24.12 min Scan# 2015
Delta R.T. -0.03 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

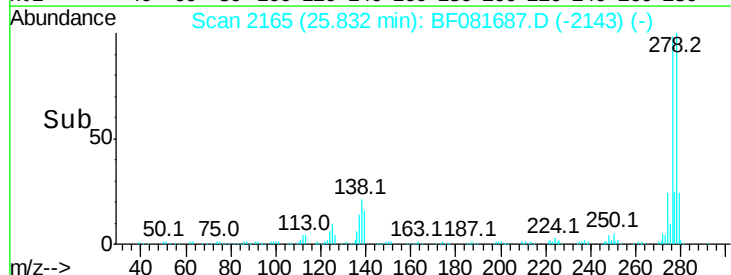
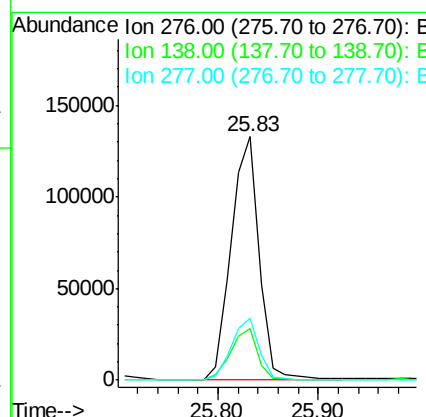
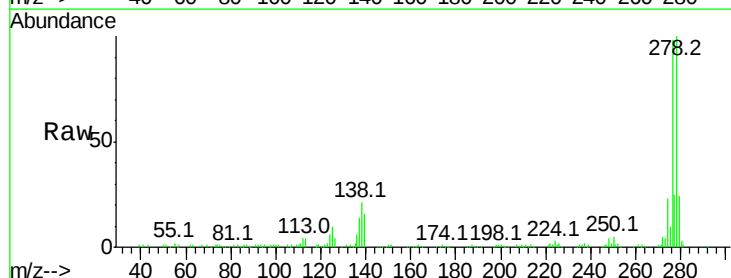
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MSD

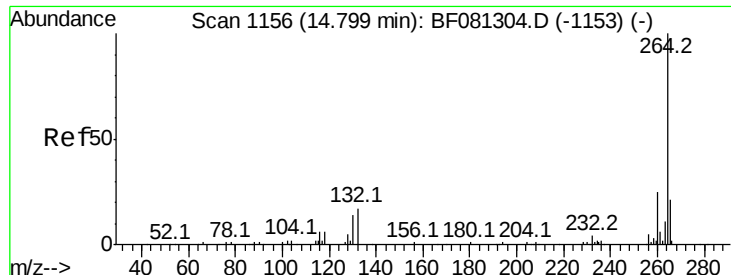
Tgt Ion:149 Resp: 339141
Ion Ratio Lower Upper
149 100
167 1.4 1.0 1.6
43 14.8 10.2 15.2



#85
Indeno(1,2,3-cd)pyrene
Concen: 61.19 ng
RT: 25.83 min Scan# 2165
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

Tgt Ion:276 Resp: 257537
Ion Ratio Lower Upper
276 100
138 20.7 25.7 38.5#
277 25.2 15.6 23.4#

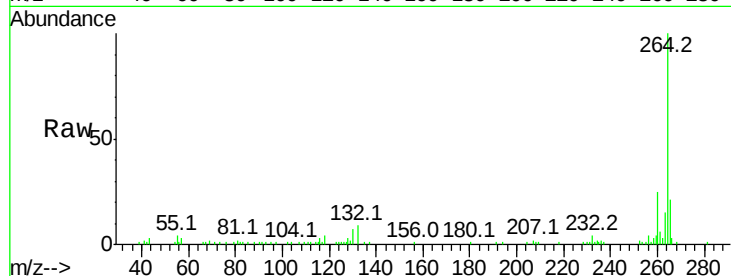




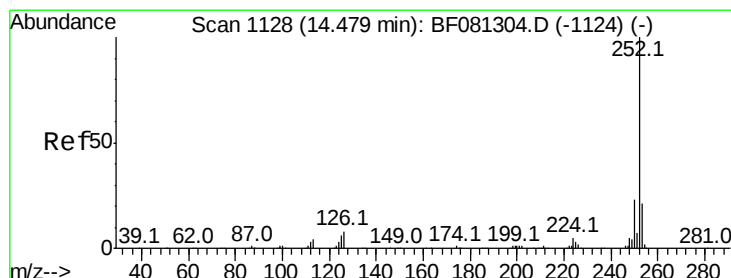
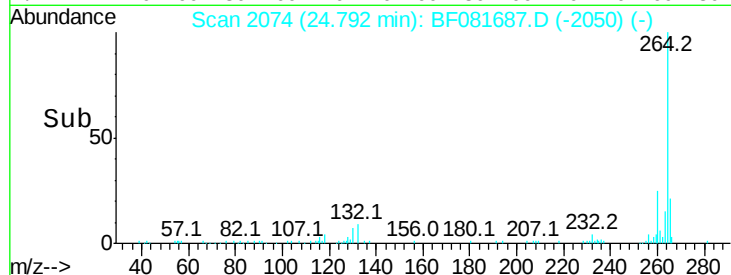
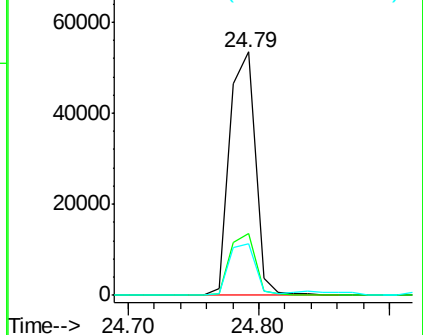
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2074
Delta R.T. -0.02 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MSD

Tgt Ion:264 Resp: 73255
Ion Ratio Lower Upper
264 100
260 25.3 16.7 25.1#
265 21.0 17.2 25.8

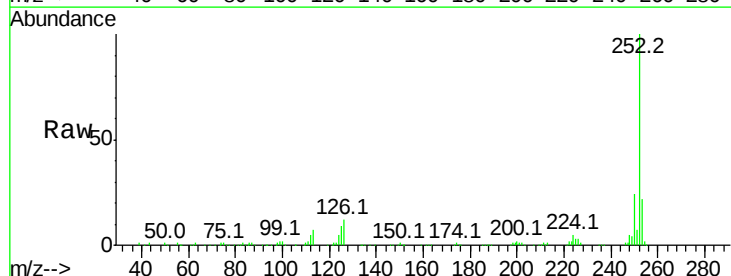


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

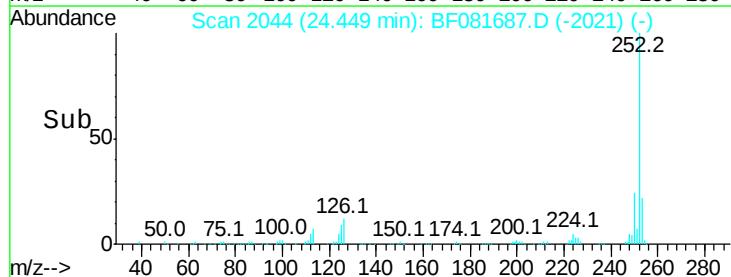
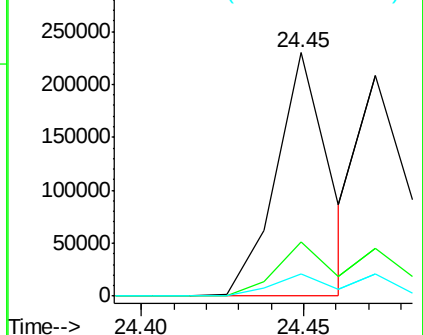


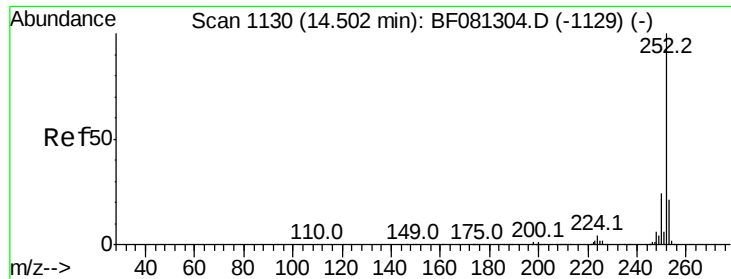
#87
Benzo(b)fluoranthene
Concen: 49.86 ng m
RT: 24.45 min Scan# 2044
Delta R.T. -0.03 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

Tgt Ion:252 Resp: 260745
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 9.2 17.1 25.7#



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: 48.56 ng m

RT: 24.47 min Scan# 2046

Delta R.T. -0.03 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

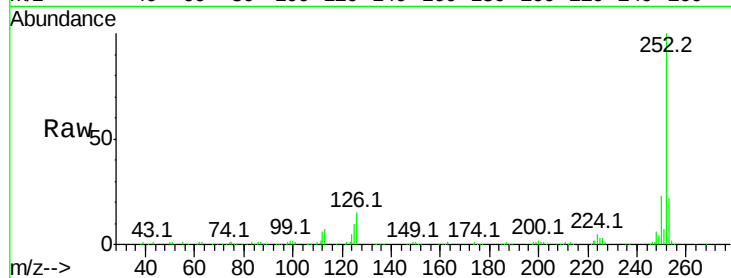
Tgt Ion:252 Resp: 210741

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

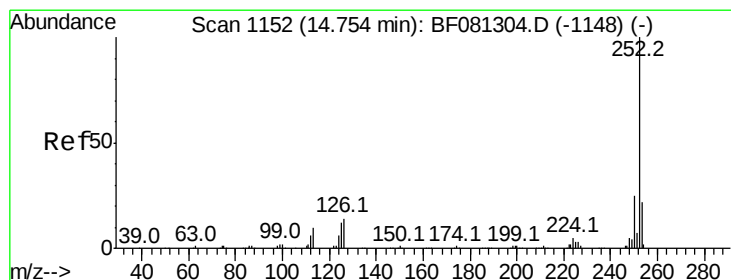
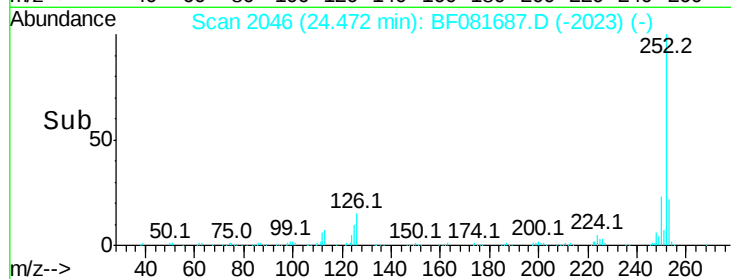
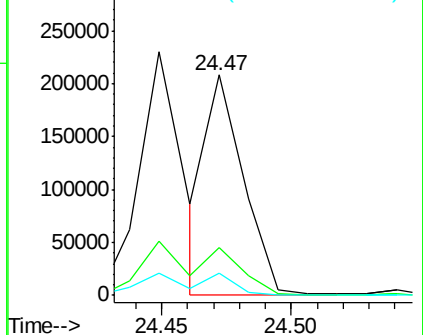
125 10.3 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 53.67 ng

RT: 24.75 min Scan# 2070

Delta R.T. -0.02 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

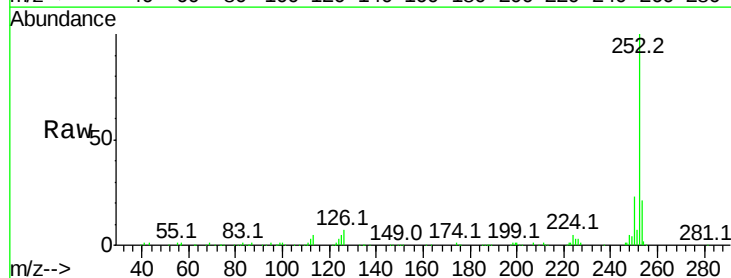
Tgt Ion:252 Resp: 237834

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

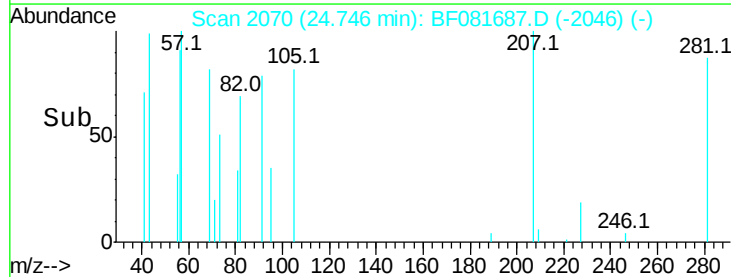
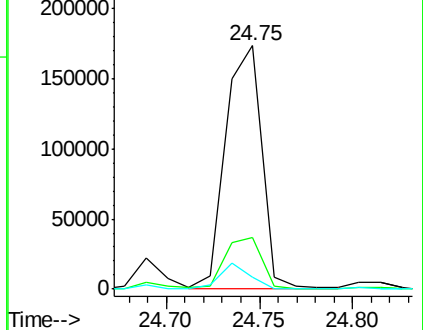
125 4.9 18.0 27.0#

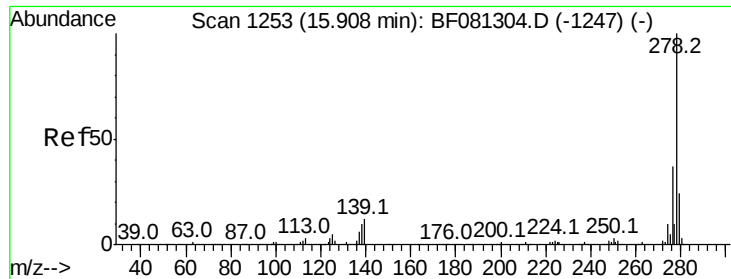


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 58.97 ng

RT: 25.83 min Scan# 2165

Delta R.T. -0.06 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

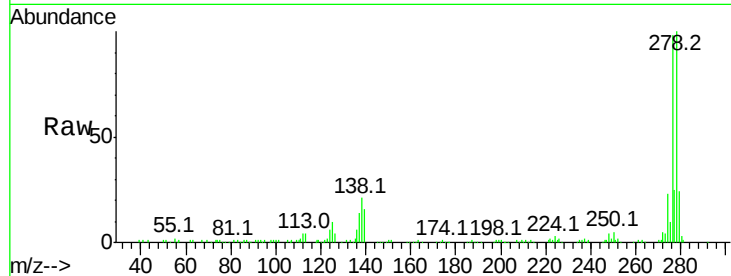
Tgt Ion:278 Resp: 201936

Ion Ratio Lower Upper

278 100

139 15.9 26.3 39.5#

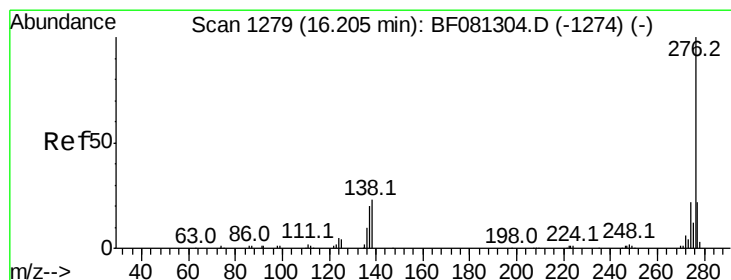
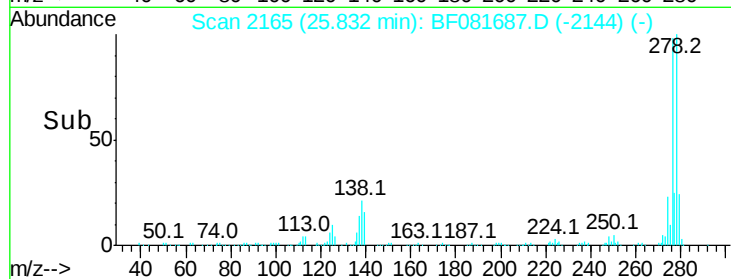
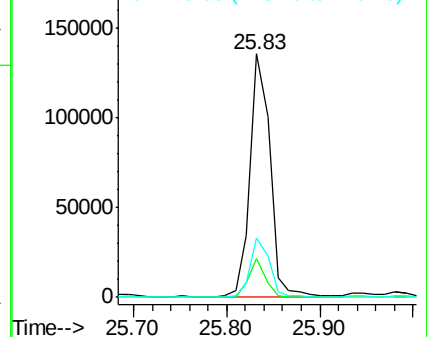
279 24.4 18.2 27.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 65.62 ng

RT: 26.13 min Scan# 2191

Delta R.T. -0.04 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

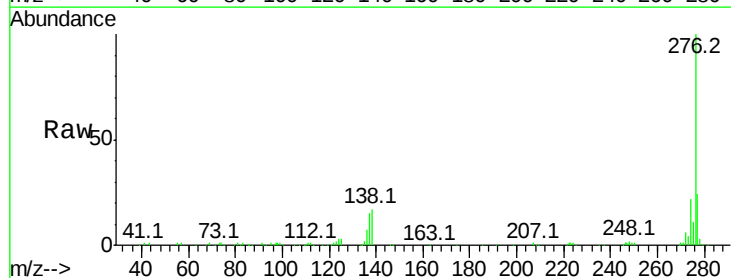
Tgt Ion:276 Resp: 214473

Ion Ratio Lower Upper

276 100

277 24.2 17.8 26.6

138 17.0 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

