

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 00:55:02 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	1.53	88	16545	12.42	ng	# 11
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
32) Benzoic acid	10.98	122	1133	3.06	ng	# 68
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	18964	24.34	ng	# 30
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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	85967	46.29	ng	98
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	471505	90.15	ng #	87
88) Benzo(k)fluoranthene	24.45	252	471505	108.65	ng #	87
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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 620

Delta R.T. -0.04 min

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SB-14(0-0.16)MSD

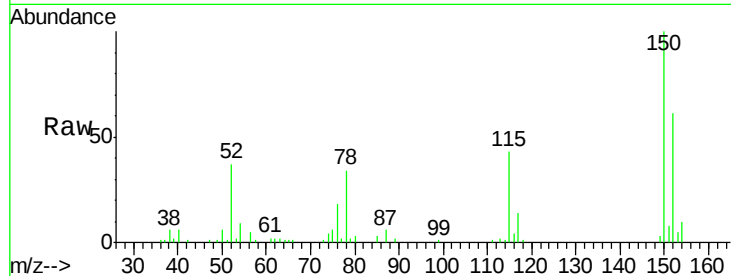
Tgt Ion:152 Resp: 46011

Ion Ratio Lower Upper

152 100

150 162.9 124.7 187.1

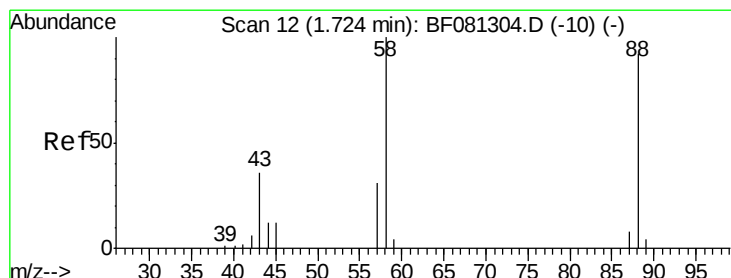
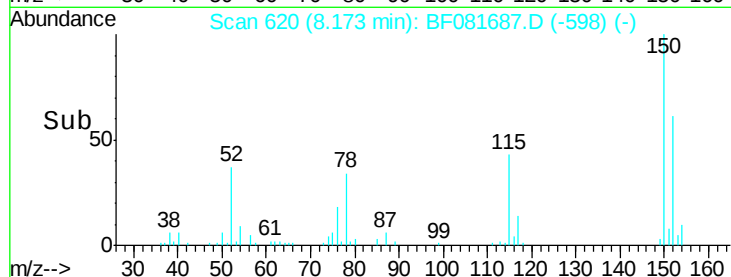
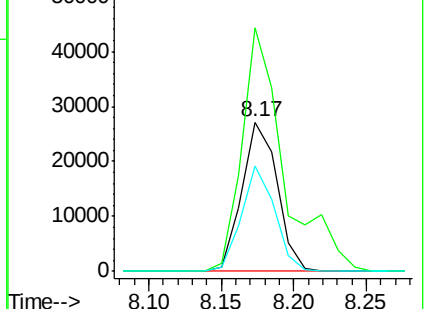
115 70.8 39.0 58.4#



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: 12.42 ng

RT: 1.53 min Scan# 39

Delta R.T. -0.03 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

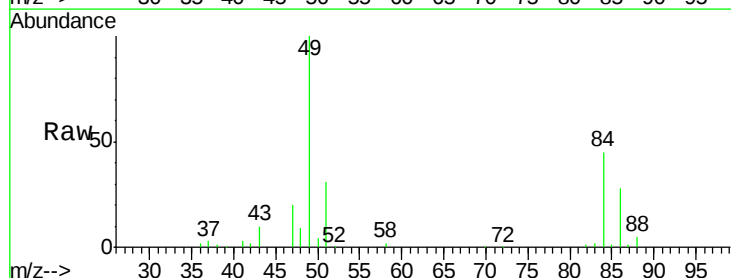
Tgt Ion: 88 Resp: 16545

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

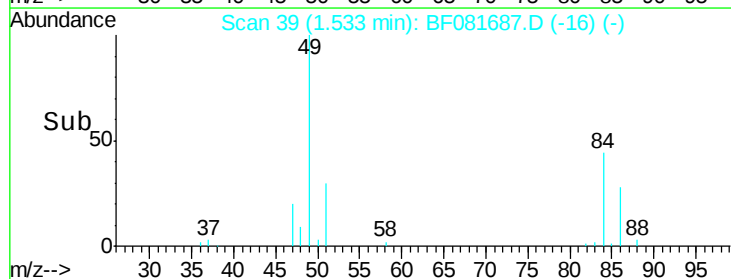
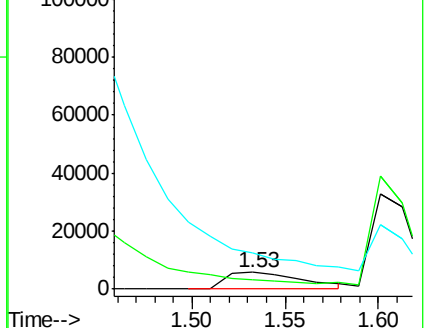
43 0.0 26.6 40.0#

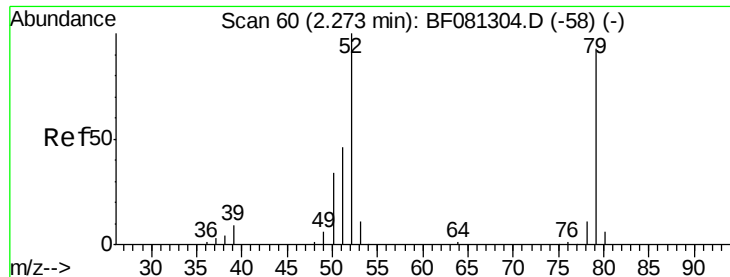


Abundance Ion 88.00 (87.70 to 88.70): BF0

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

Acq: 17 Sep 2015 20:06

Instrument :

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ClientSampleId :

SB-14(0-0.16)MSD

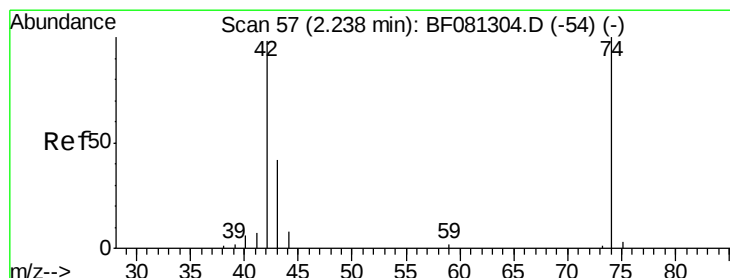
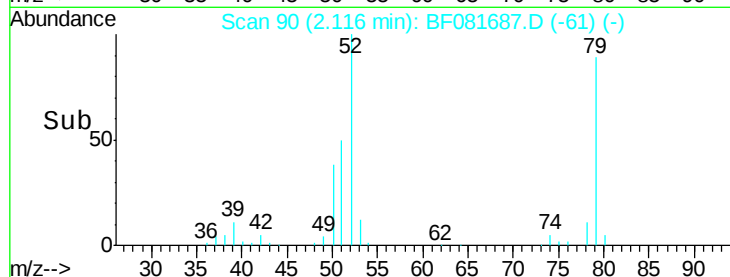
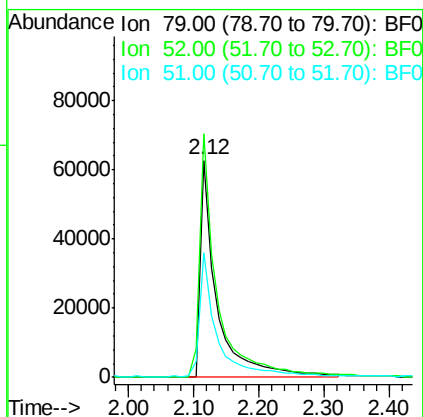
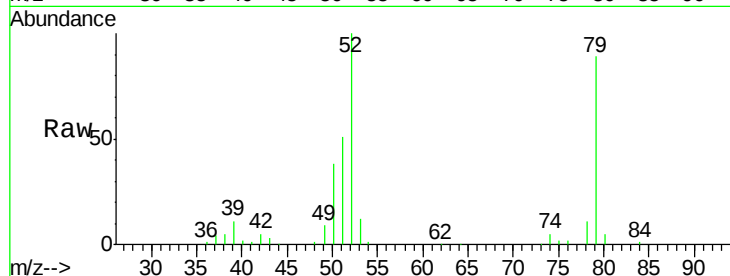
Tgt Ion: 79 Resp: 110133

Ion Ratio Lower Upper

79 100

52 112.3 76.8 115.2

51 57.6 32.2 48.4#



#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

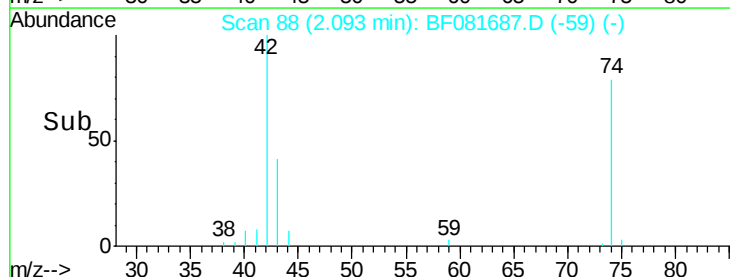
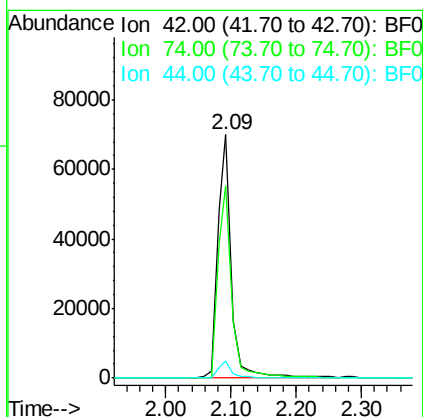
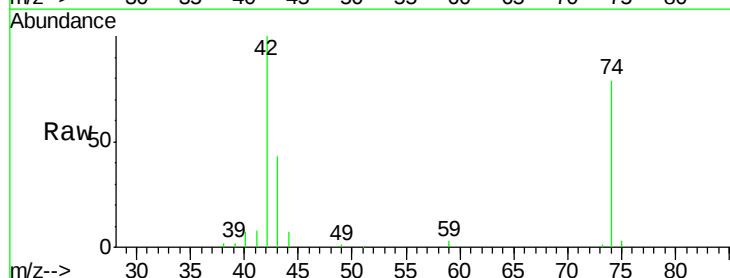
Tgt Ion: 42 Resp: 103470

Ion Ratio Lower Upper

42 100

74 79.0 105.0 157.6#

44 6.9 6.6 10.0





#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

Instrument :

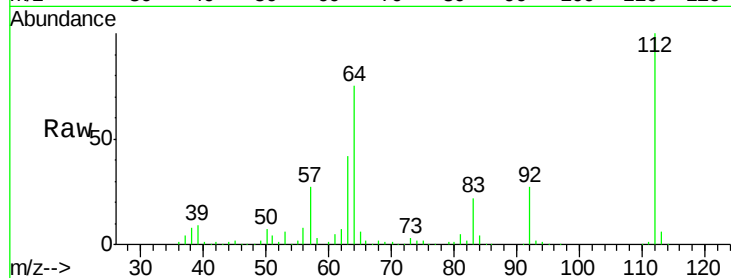
BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

Tgt Ion: 112 Resp: 415136

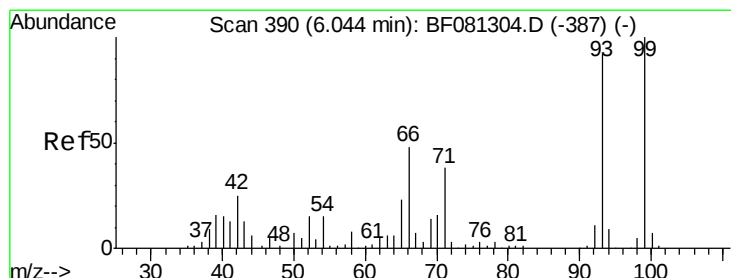
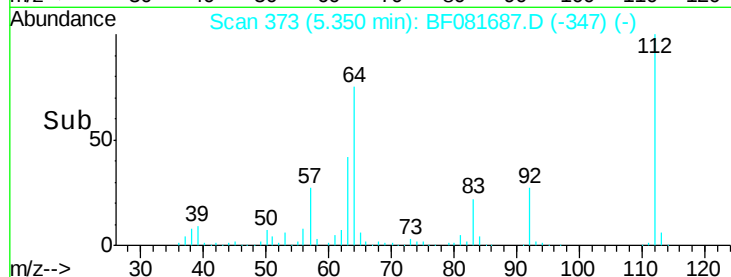
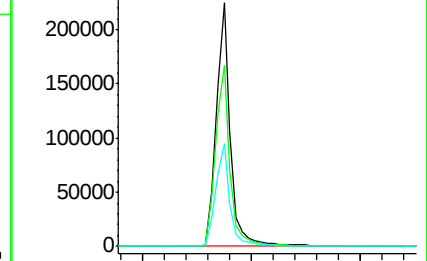
Ion	Ratio	Lower	Upper
112	100		
64	74.5	39.7	59.5#
63	42.2	17.4	26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.28 ng

RT: 7.49 min Scan# 560

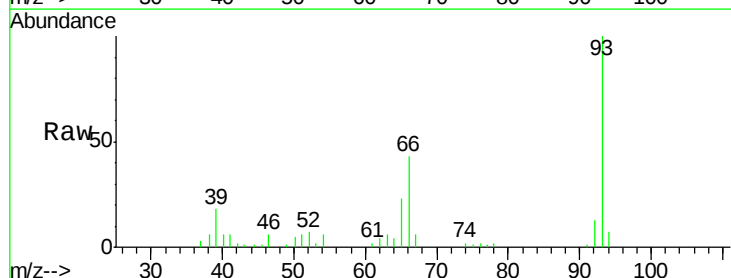
Delta R.T. -0.03 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Tgt Ion: 93 Resp: 156762

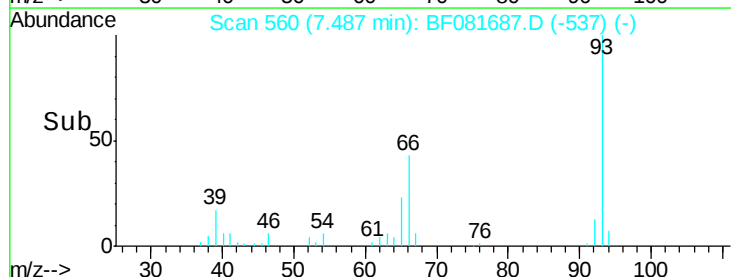
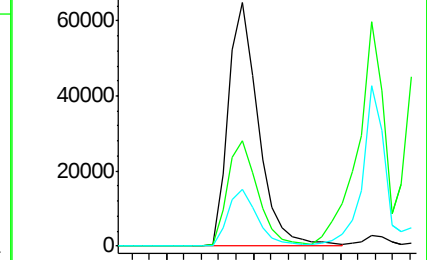
Ion	Ratio	Lower	Upper
93	100		
66	43.4	27.2	40.8#
65	23.3	14.7	22.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 147.85 ng

RT: 7.62 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

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ClientSampleId :

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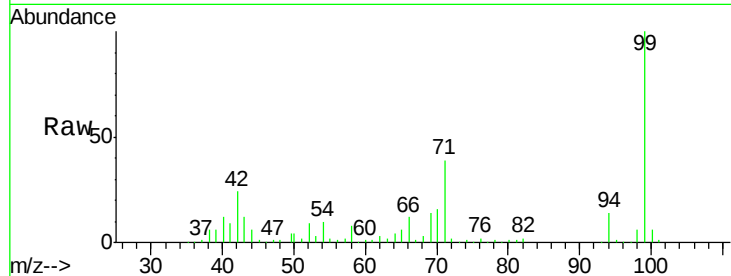
Tgt Ion: 99 Resp: 580357

Ion Ratio Lower Upper

99 100

42 24.2 13.7 20.5#

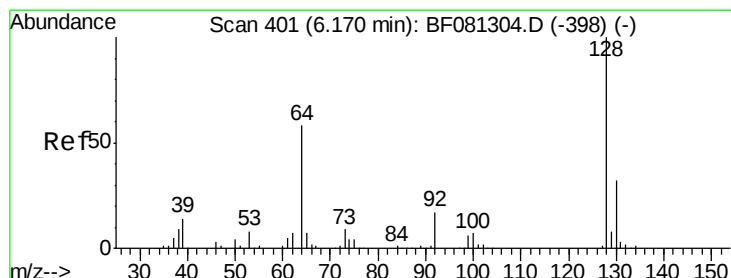
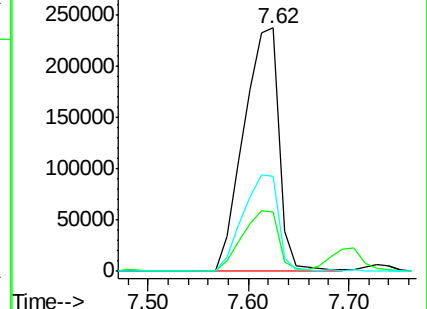
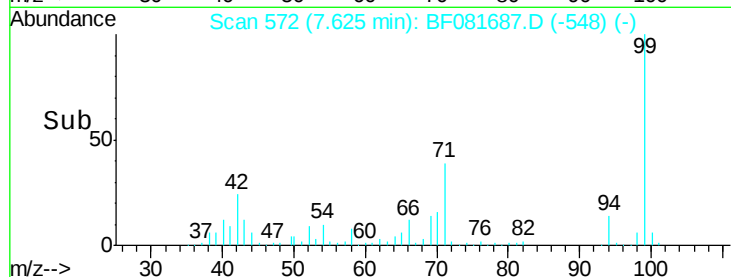
71 39.2 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.33 ng

RT: 7.73 min Scan# 581

Delta R.T. -0.04 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

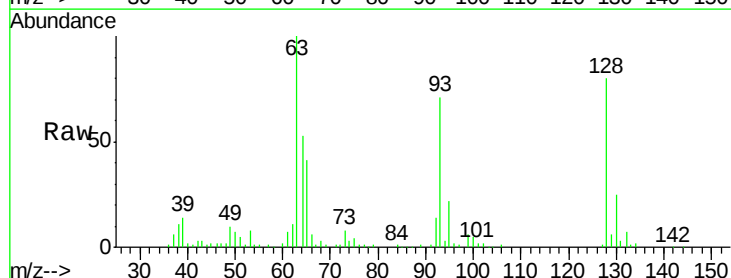
Tgt Ion: 128 Resp: 154680

Ion Ratio Lower Upper

128 100

130 31.7 12.2 52.2

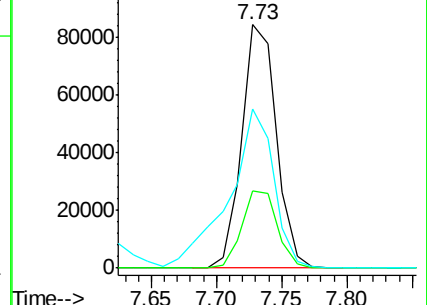
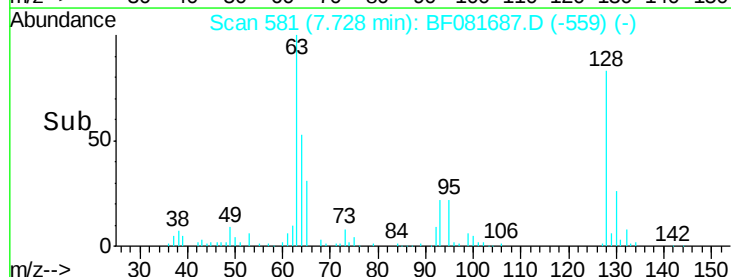
64 65.6 20.5 60.5#

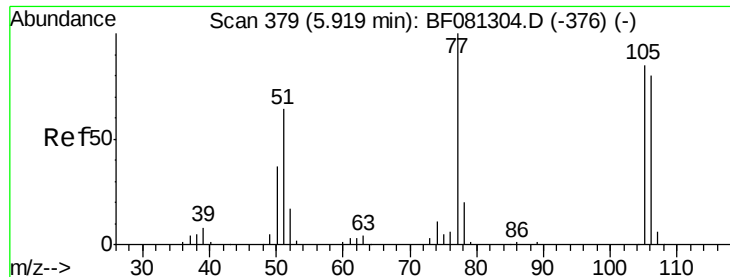


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 31.92 ng

RT: 7.20 min Scan# 535

Delta R.T. -0.03 min

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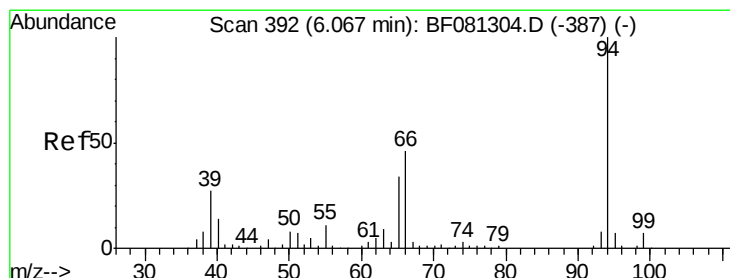
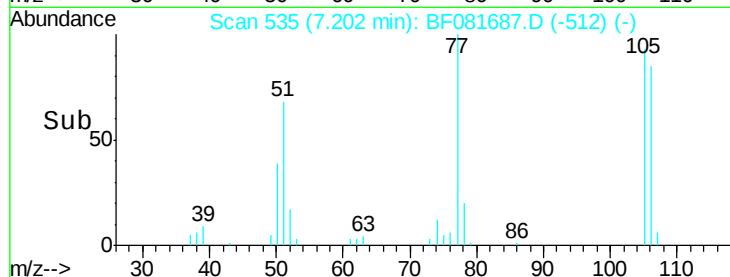
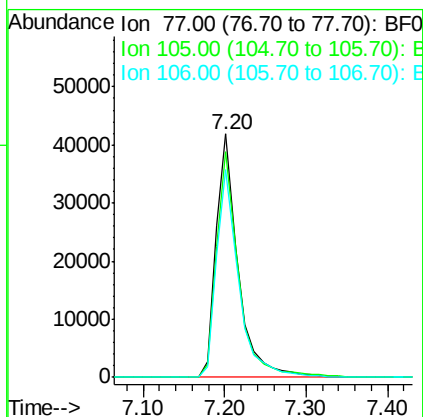
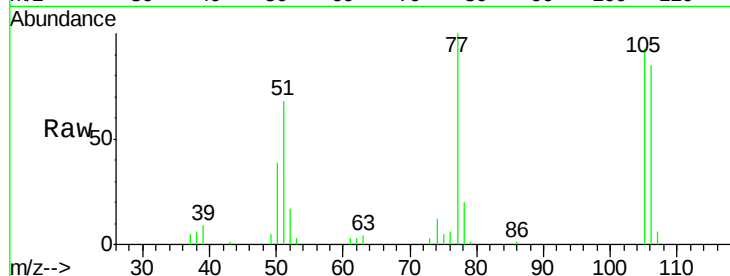
Tgt Ion: 77 Resp: 78503

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

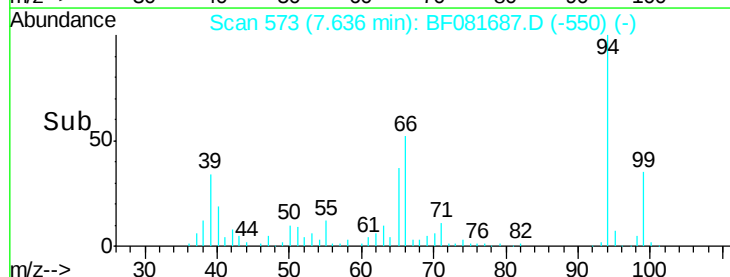
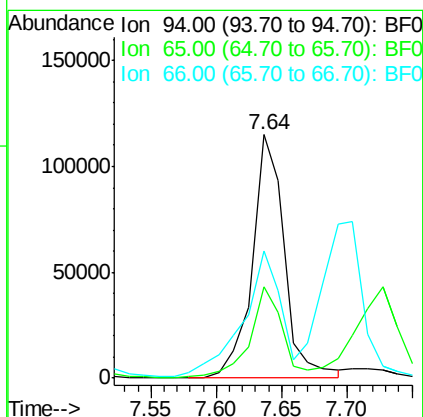
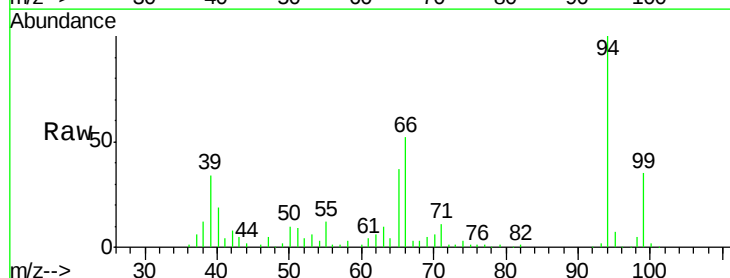
Tgt Ion: 94 Resp: 198285

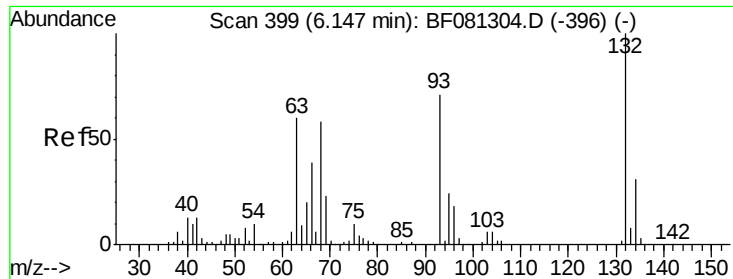
Ion Ratio Lower Upper

94 100

65 37.3 0.7 40.7

66 52.1 0.8 40.8#

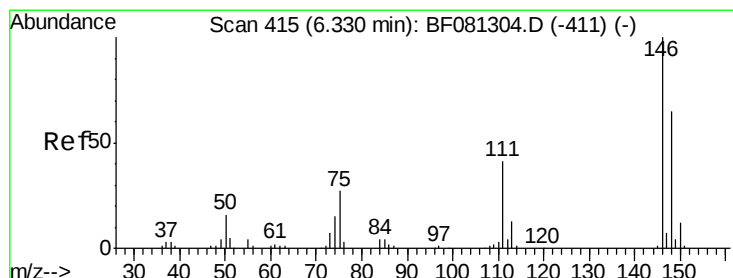
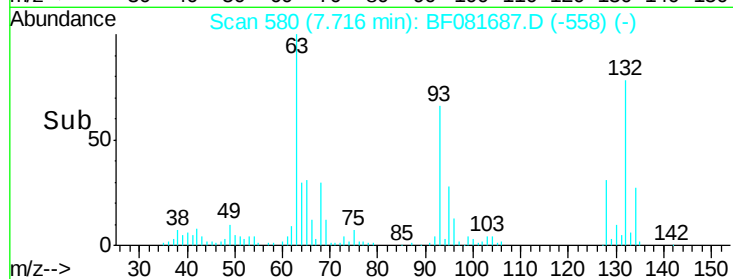
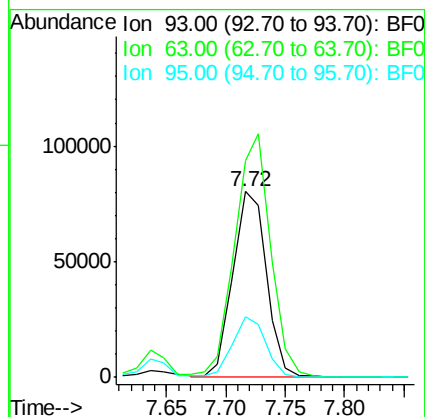
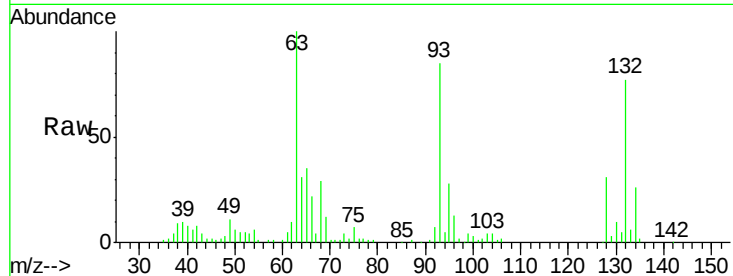




#11
 bis(2-Chloroethyl)ether
 Concen: 48.45 ng
 RT: 7.72 min Scan# 580
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

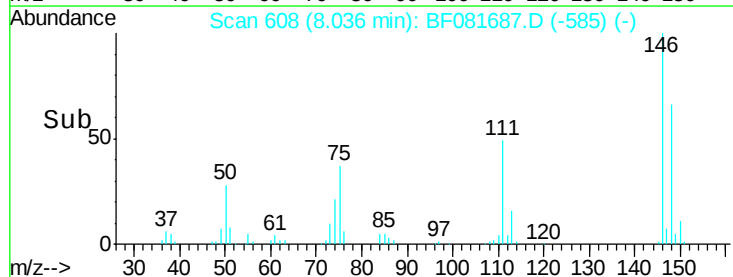
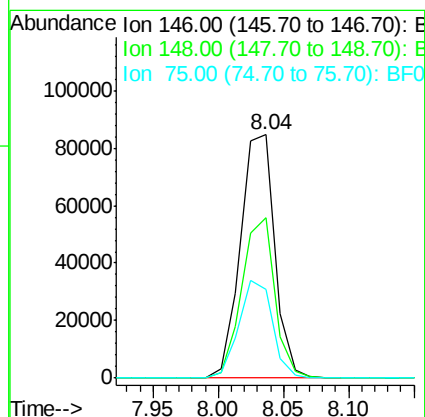
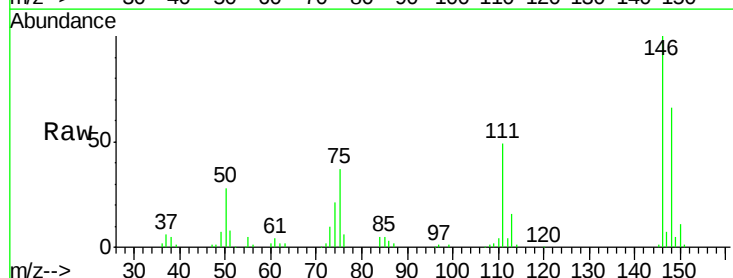
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MSD

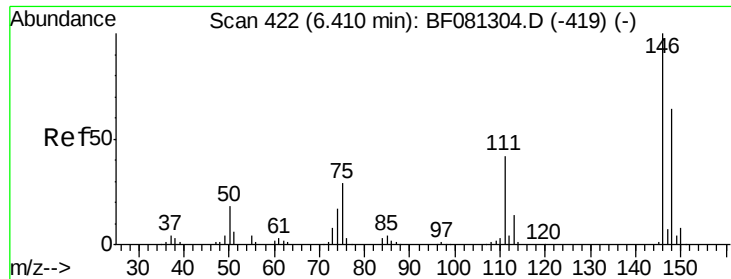
Tgt Ion: 93 Resp: 159121
 Ion Ratio Lower Upper
 93 100
 63 117.0 65.6 105.6#
 95 32.3 13.6 53.6



#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#

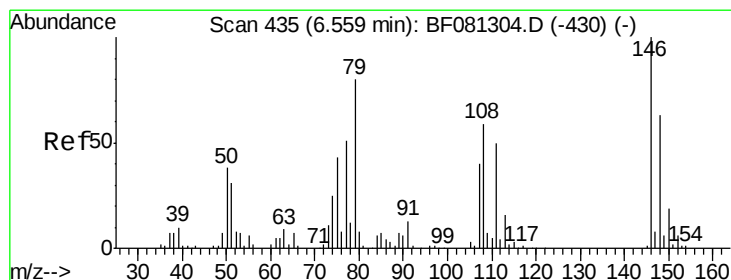
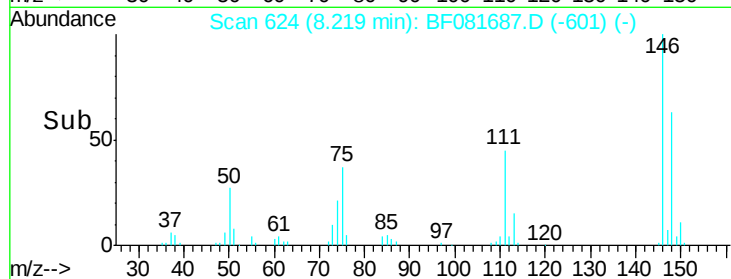
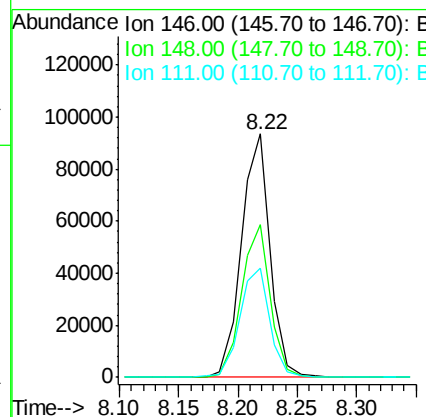
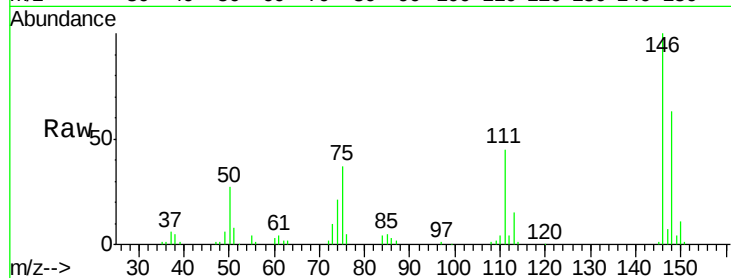




#13
 1,4-Dichlorobenzene
 Concen: 44.08 ng
 RT: 8.22 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

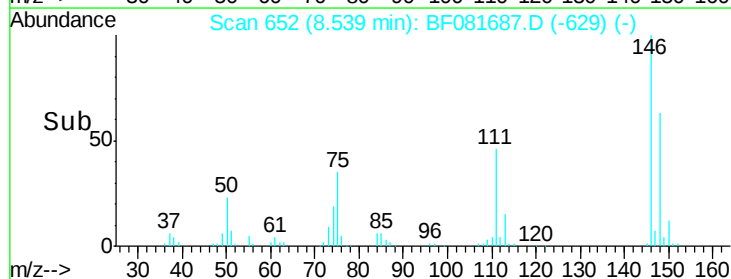
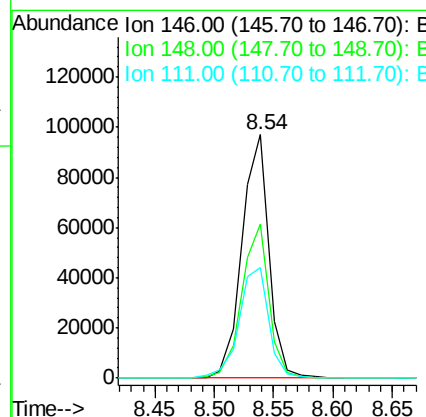
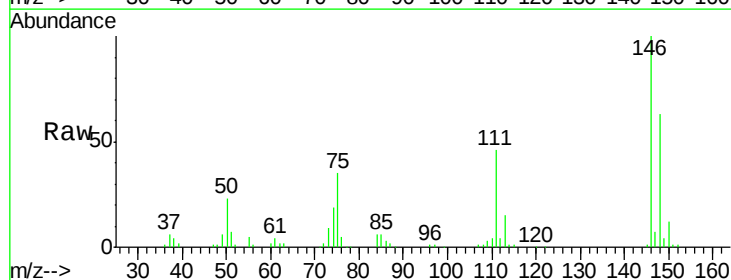
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MSD

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

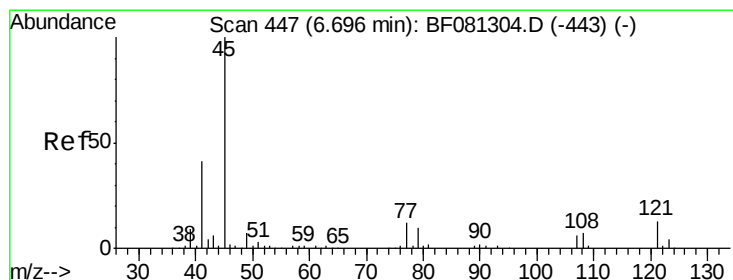
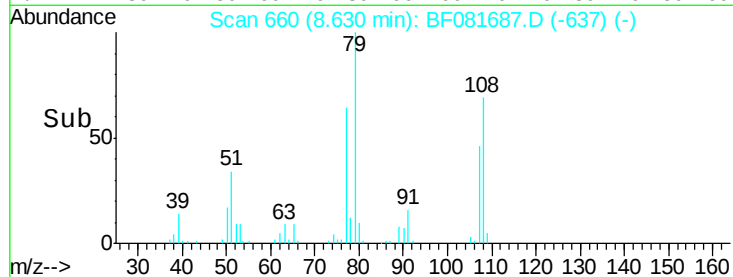
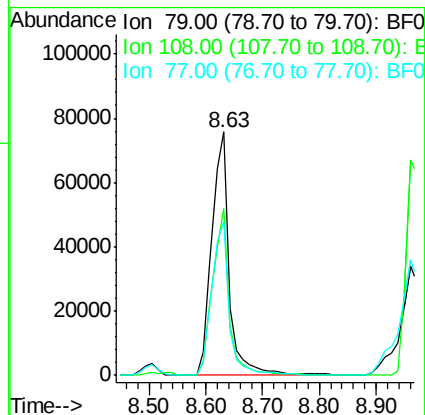
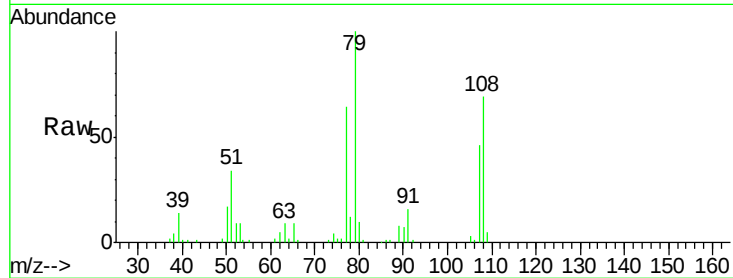
Tgt Ion: 79 Resp: 158044

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

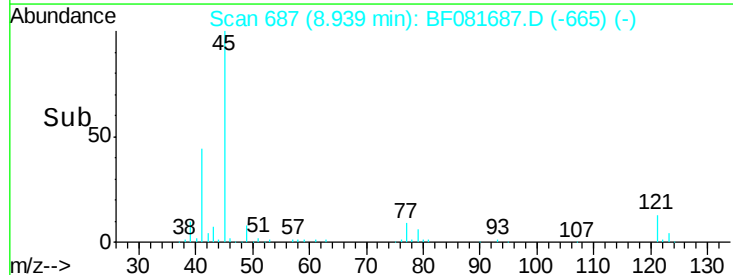
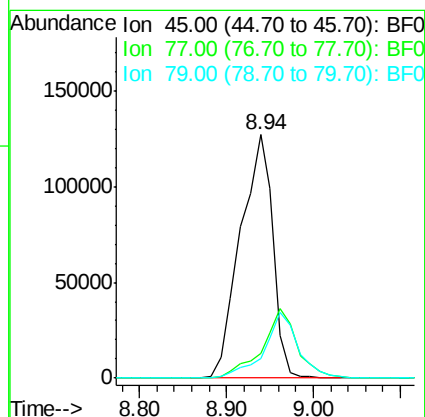
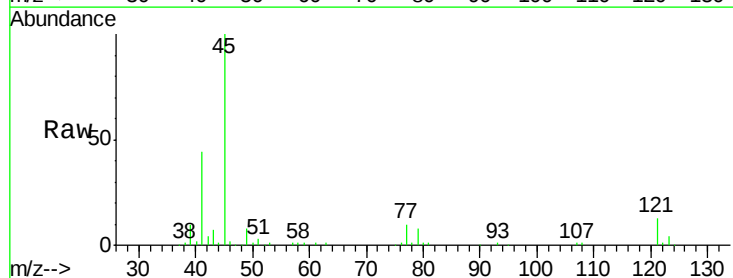
Tgt Ion: 45 Resp: 331049

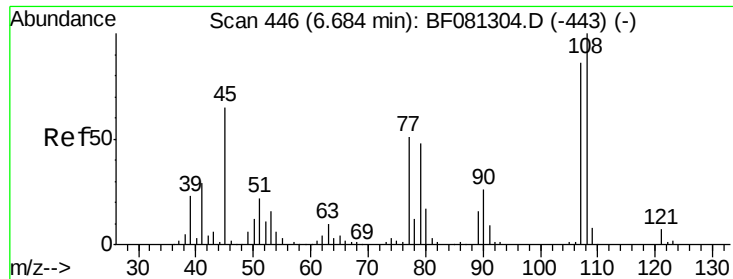
Ion Ratio Lower Upper

45 100

77 10.2 0.0 28.1

79 8.0 0.0 26.0

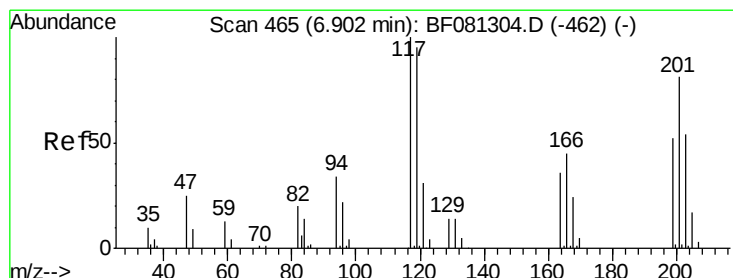
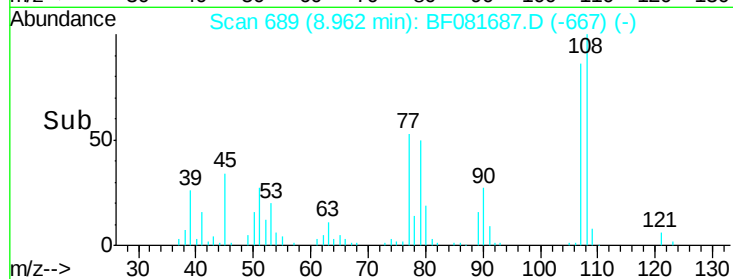
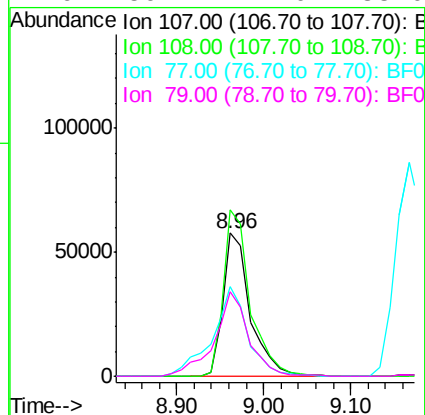
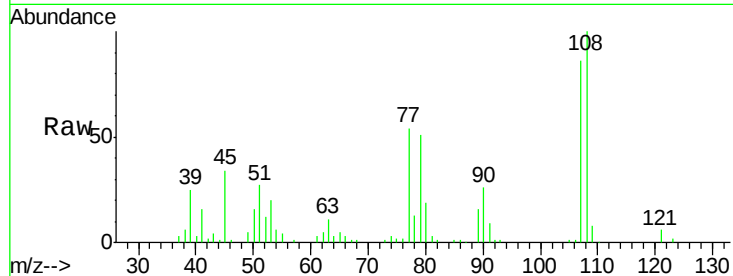




#17
2-Methylphenol
Concen: 48.15 ng
RT: 8.96 min Scan# 689
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

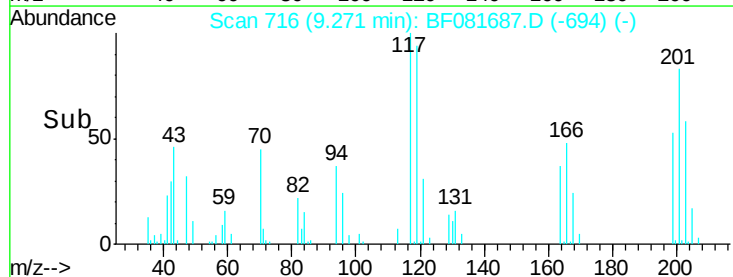
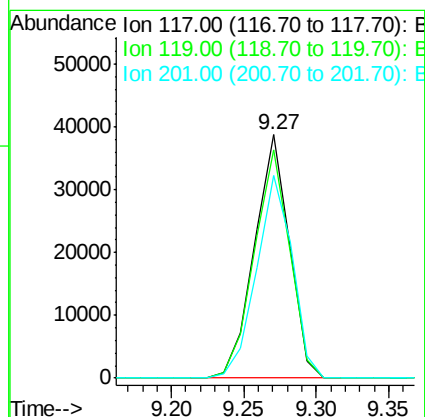
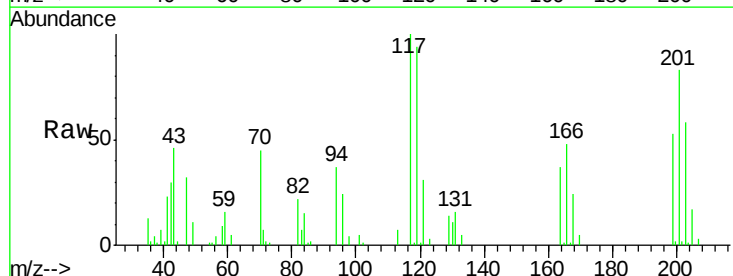
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MSD

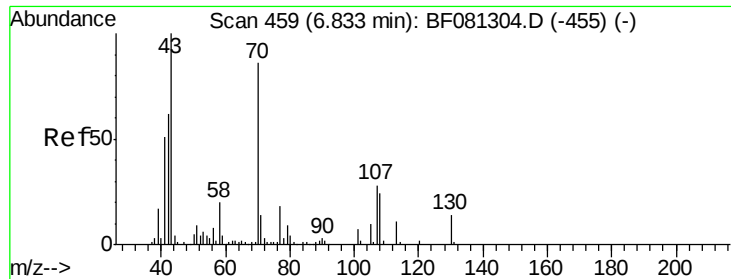
Tgt Ion:107 Resp: 125551
Ion Ratio Lower Upper
107 100
108 116.3 96.6 145.0
77 62.5 23.3 34.9#
79 59.2 22.0 33.0#



#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#

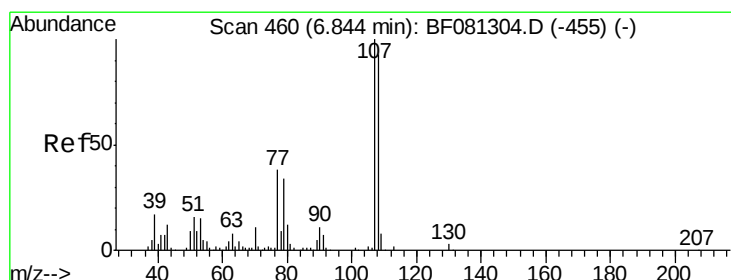
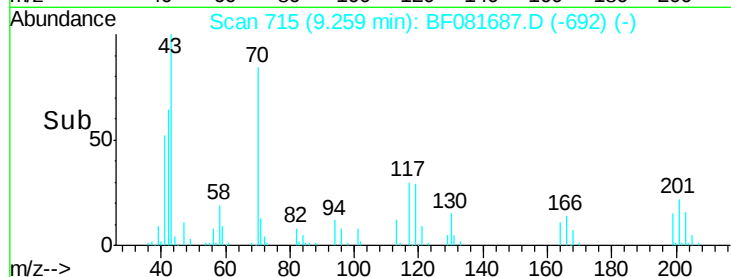
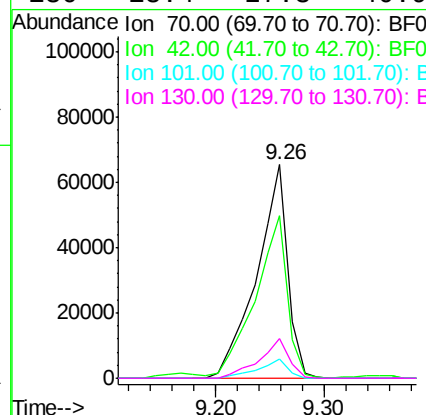
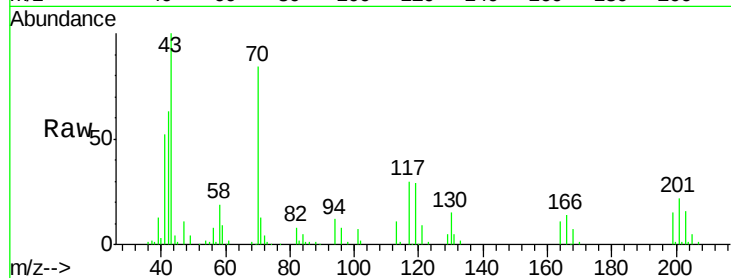




#19
n-Nitroso-di-n-propylamine
Concen: 48.69 ng
RT: 9.26 min Scan# 715
Delta R.T. -0.03 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

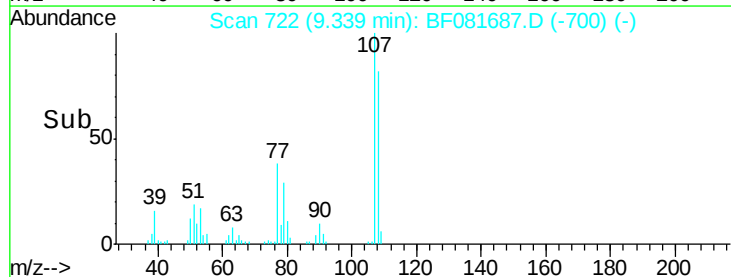
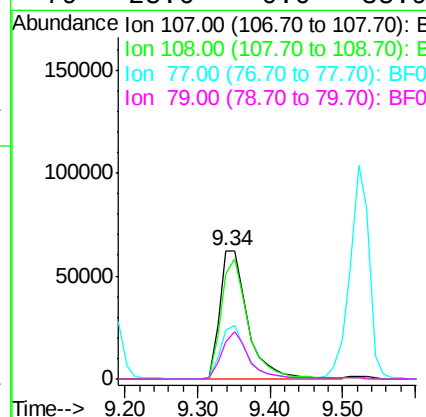
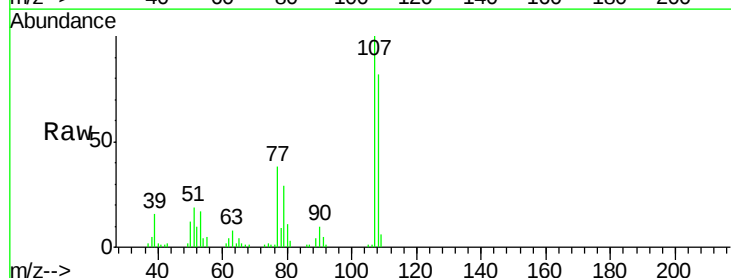
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MSD

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

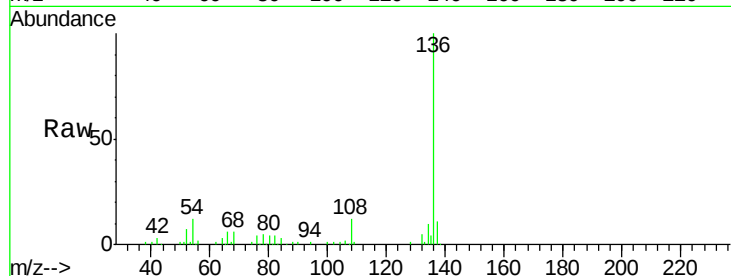
Instrument :

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#



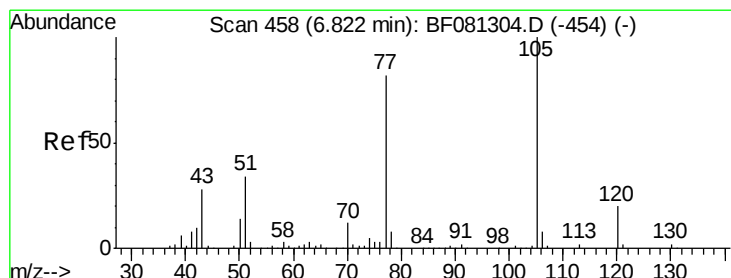
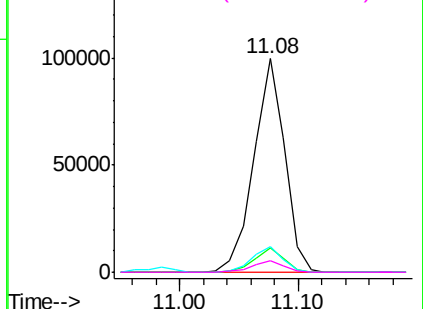
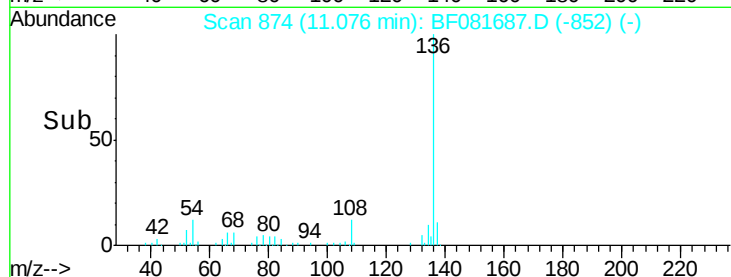
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.68 ng

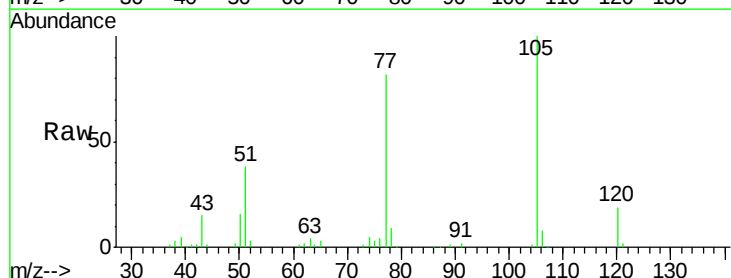
RT: 9.17 min Scan# 707

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#



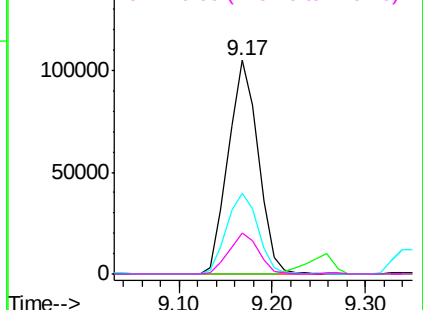
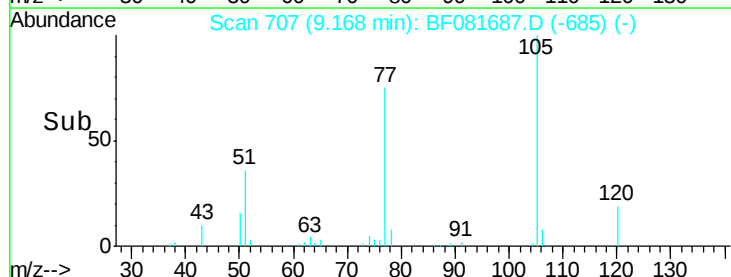
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

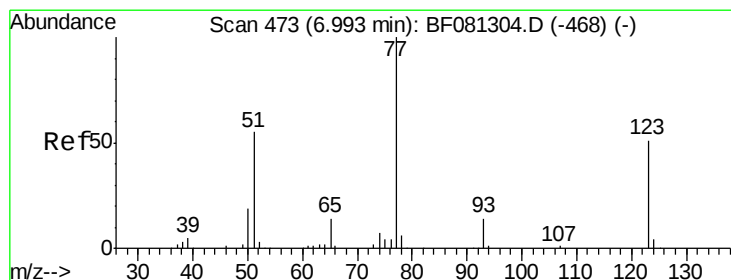
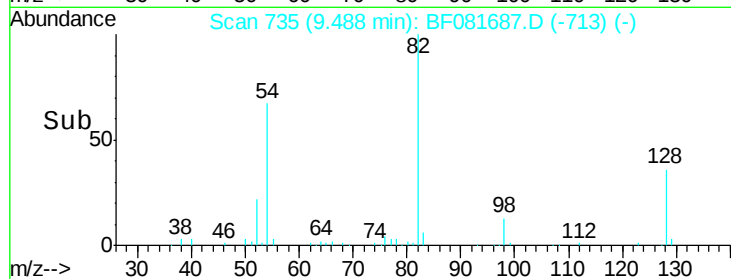
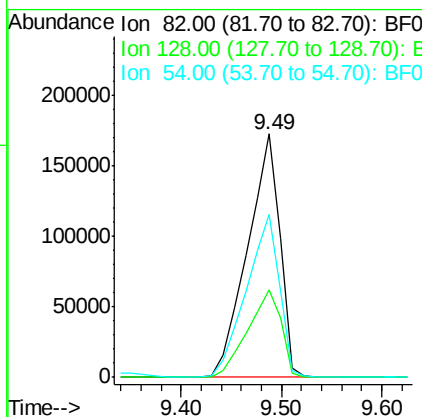
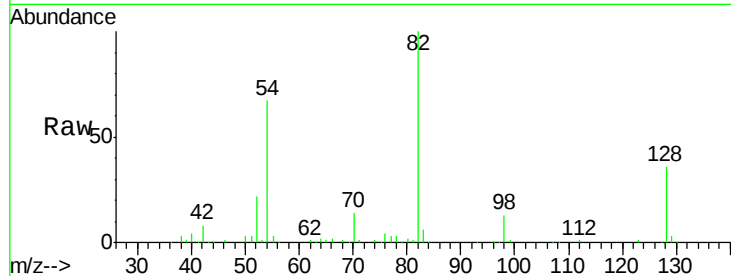




#23
 Nitrobenzene-d5
 Concen: 101.99 ng
 RT: 9.49 min Scan# 735
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

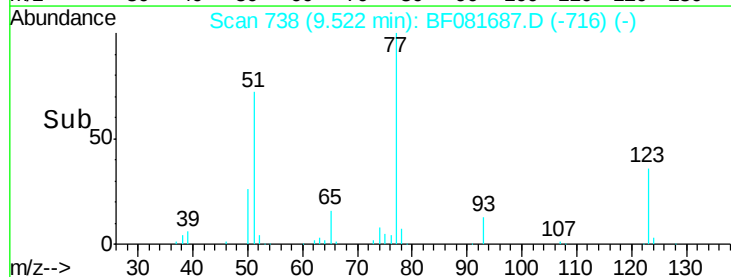
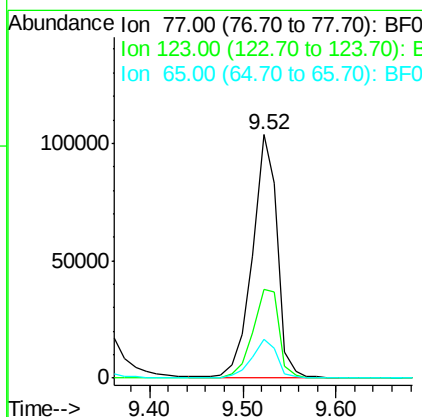
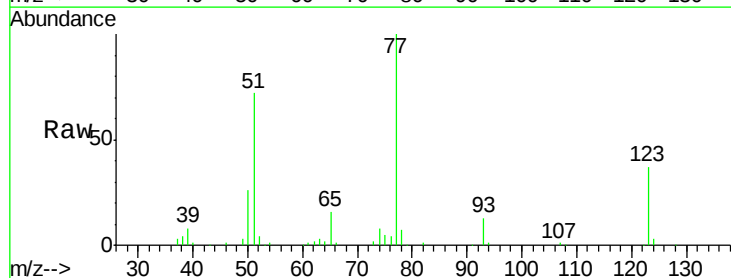
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MSD

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

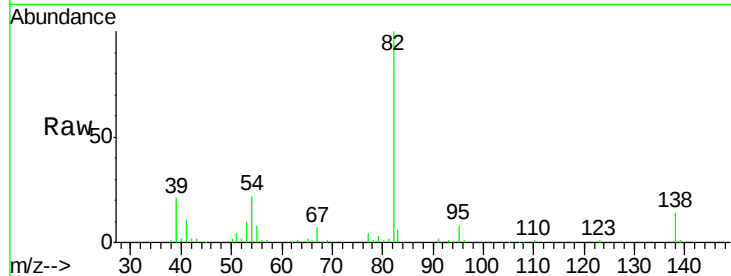
Tgt Ion: 82 Resp: 334671

Ion Ratio Lower Upper

82 100

95 8.0 4.0 6.0#

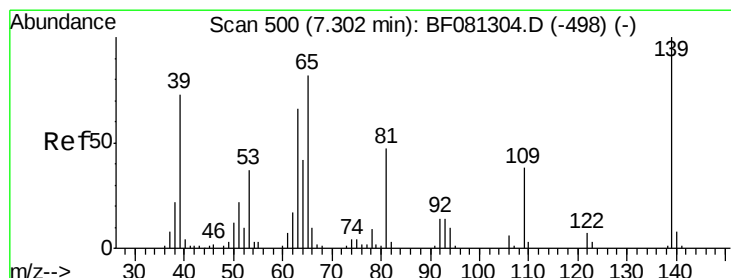
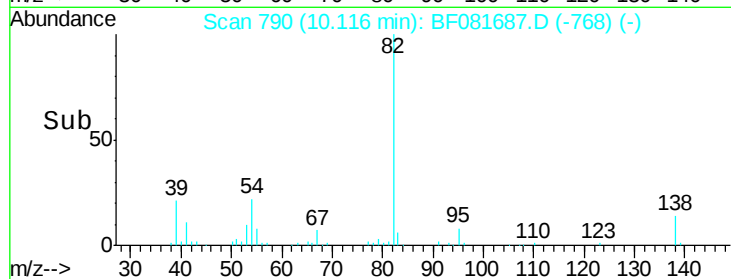
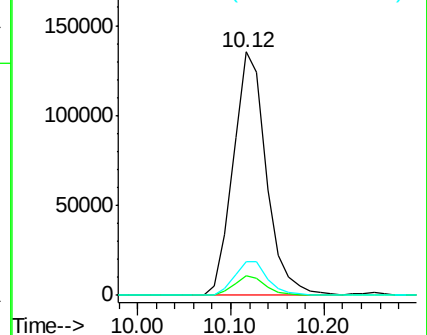
138 14.0 18.3 27.5#



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

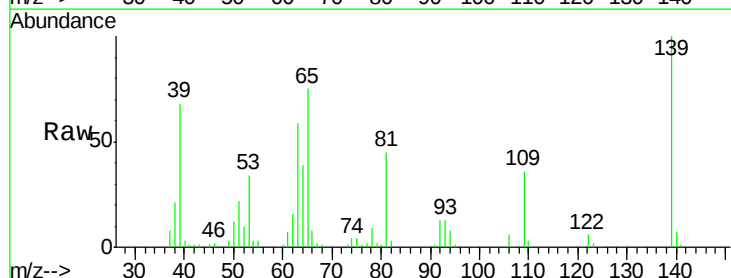
Tgt Ion: 139 Resp: 80150

Ion Ratio Lower Upper

139 100

109 36.1 11.0 16.4#

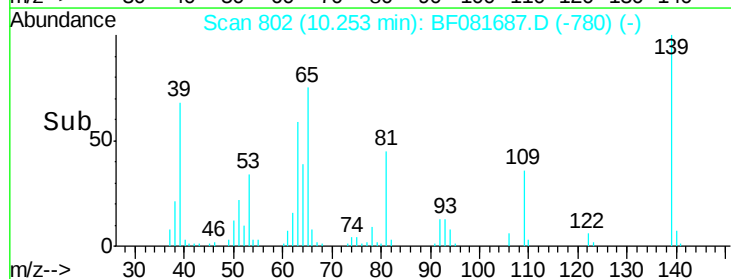
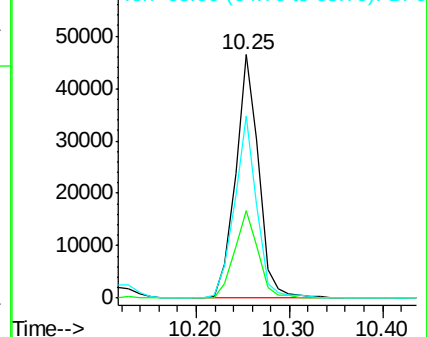
65 75.1 24.7 37.1#

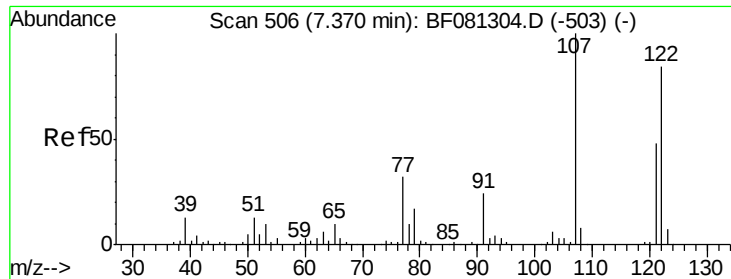


Abundance Ion 139.00 (138.70 to 139.70): E

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

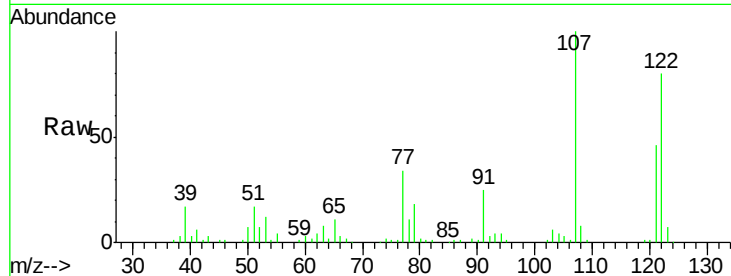
Tgt Ion:122 Resp: 138850

Ion Ratio Lower Upper

122 100

107 124.3 71.8 107.6#

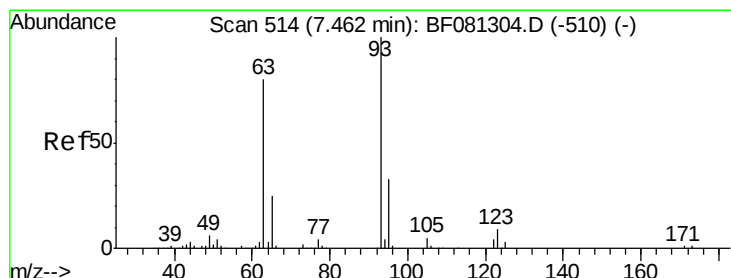
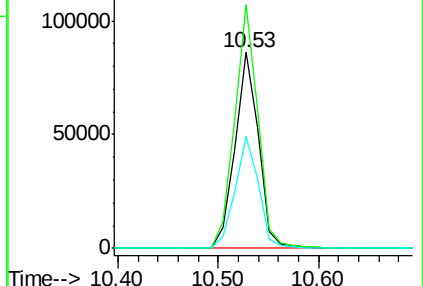
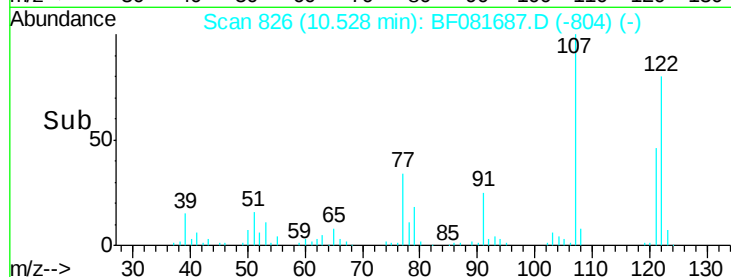
121 57.3 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 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

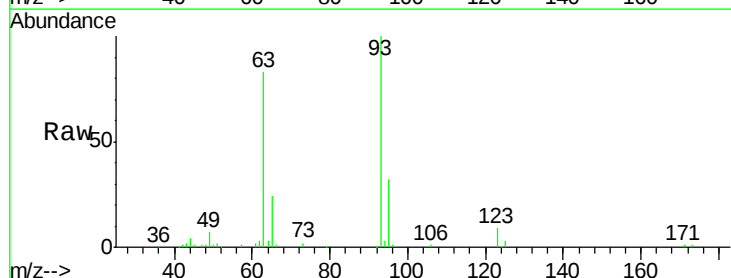
Tgt Ion: 93 Resp: 199010

Ion Ratio Lower Upper

93 100

95 32.5 27.5 41.3

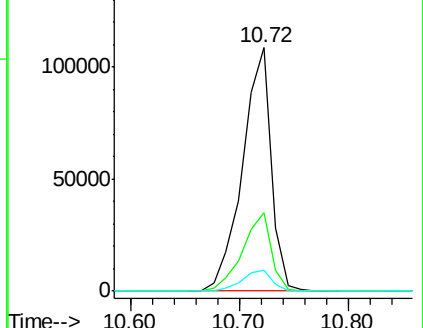
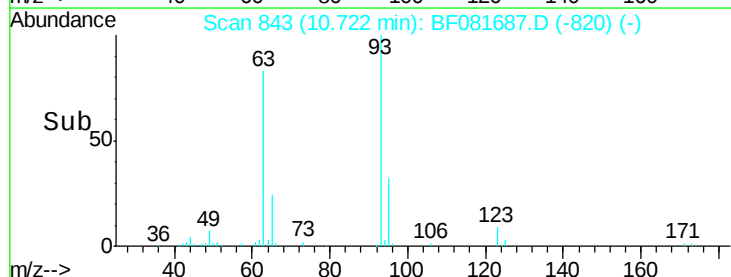
123 8.8 13.7 20.5#

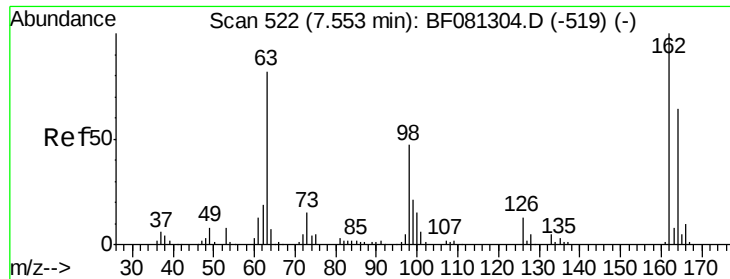


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

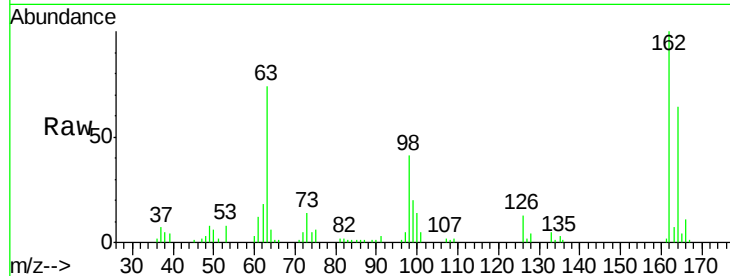




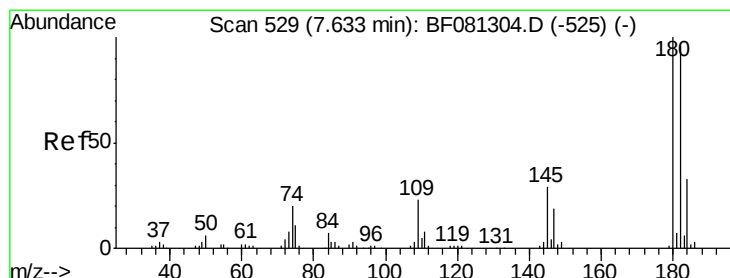
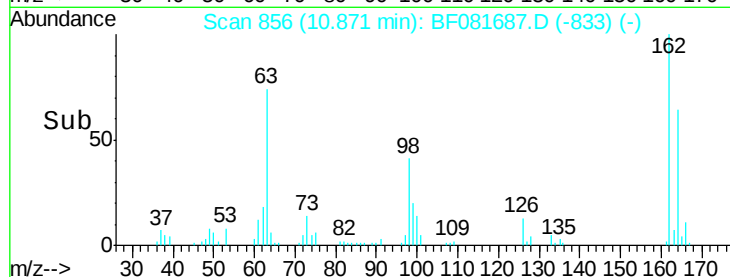
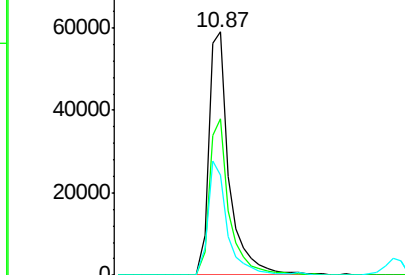
#29
 2,4-Dichlorophenol
 Concen: 48.67 ng
 RT: 10.87 min Scan# 856
 Delta R.T. -0.03 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

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

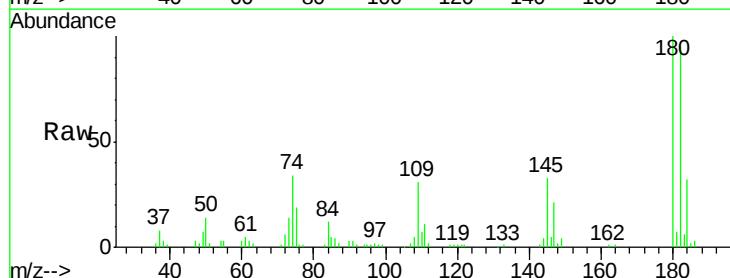


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

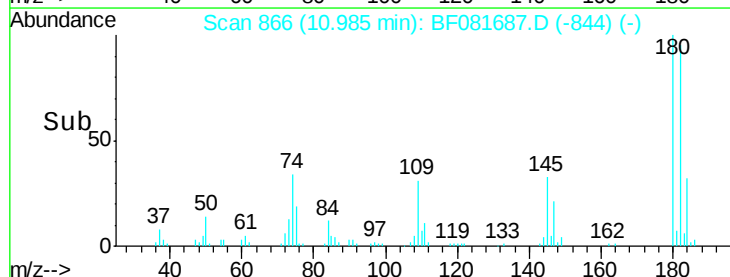
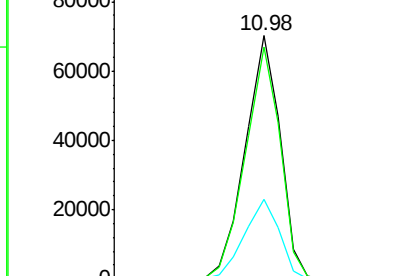


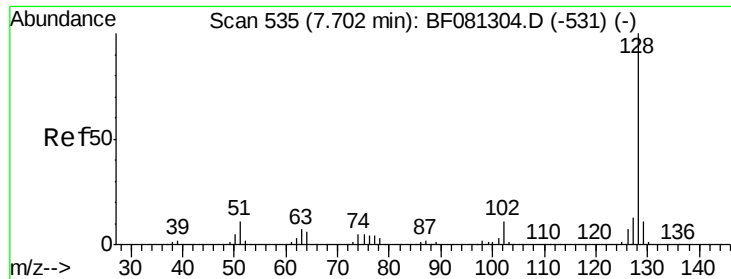
#30
 1,2,4-Trichlorobenzene
 Concen: 47.51 ng
 RT: 10.98 min Scan# 866
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

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



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

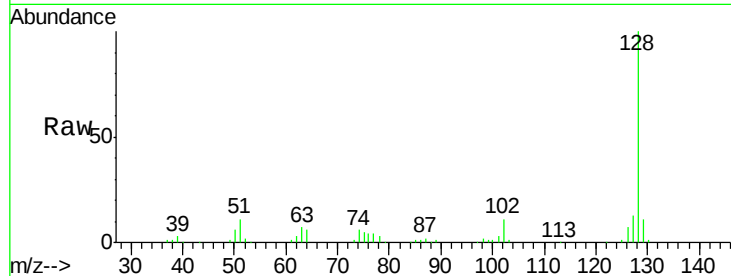




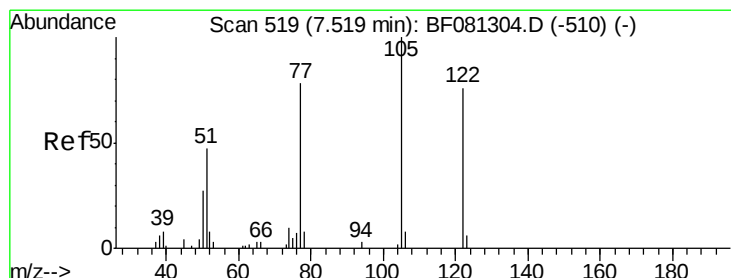
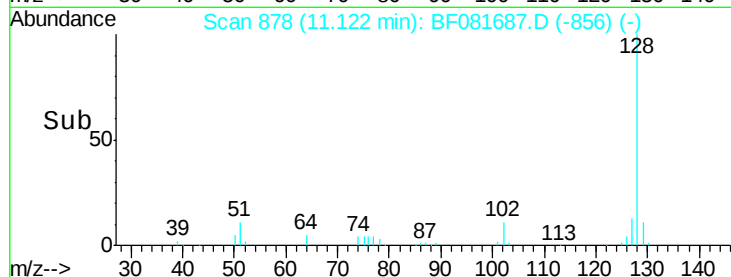
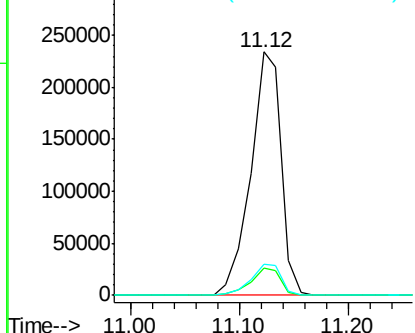
#31
Naphthalene
Concen: 47.26 ng
RT: 11.12 min Scan# 878
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

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

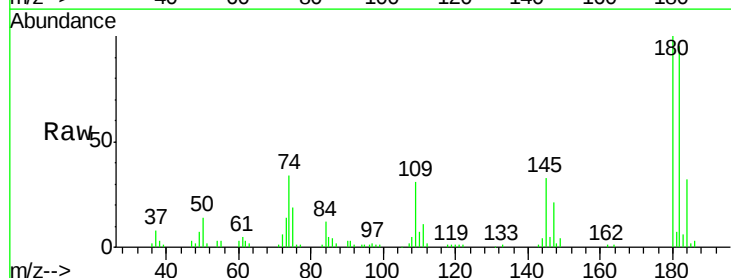


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

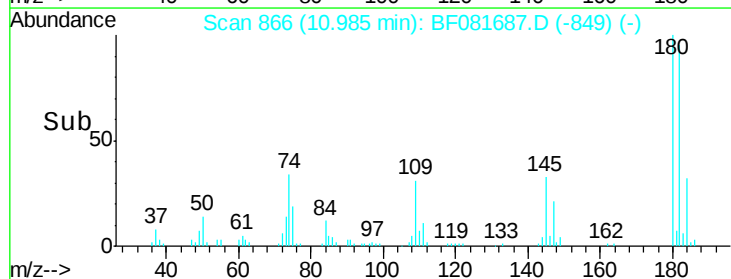
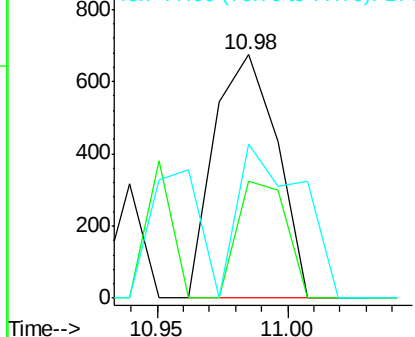


#32
Benzoic acid
Concen: 3.06 ng
RT: 10.98 min Scan# 866
Delta R.T. -0.10 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

Tgt Ion:122 Resp: 1133
Ion Ratio Lower Upper
122 100
105 48.1 76.1 116.1#
77 63.2 40.5 80.5



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

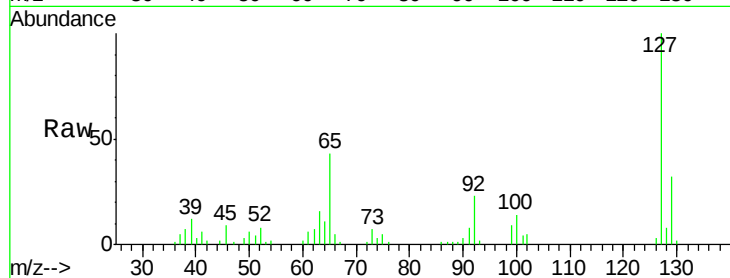




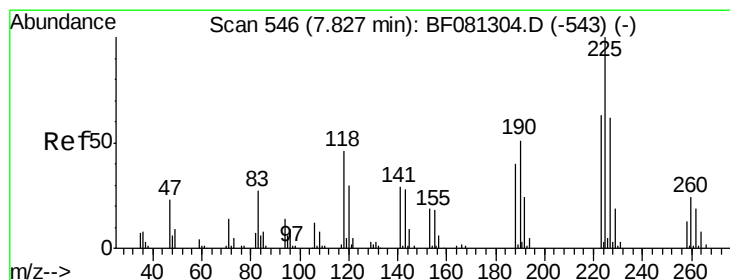
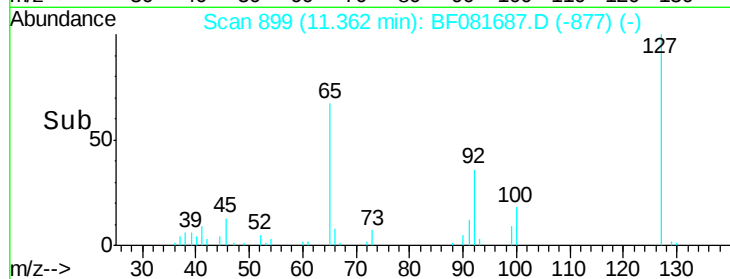
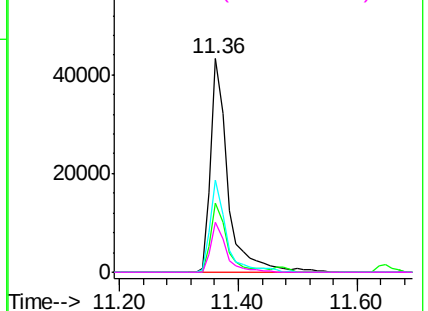
#33
4-Chloroaniline
Concen: 22.28 ng
RT: 11.36 min Scan# 899
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

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

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#

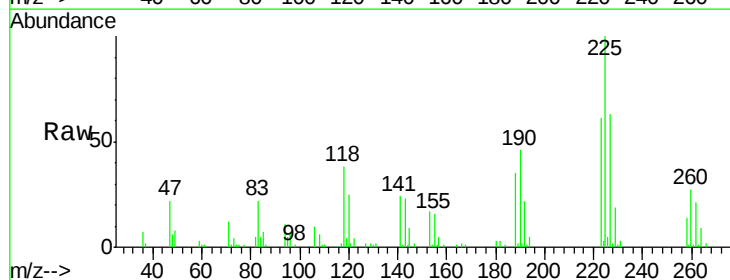


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

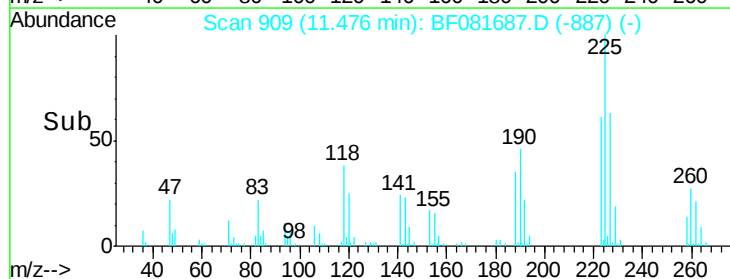
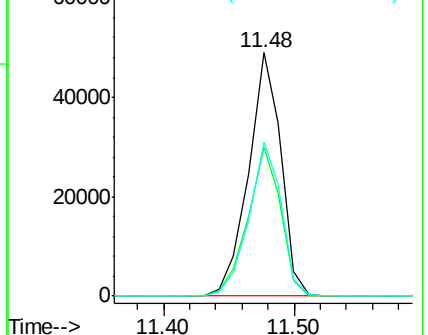


#34
Hexachlorobutadiene
Concen: 50.41 ng
RT: 11.48 min Scan# 909
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

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: 24.34 ng

RT: 12.30 min Scan# 981

Delta R.T. -0.09 min

Lab File: BF081687.D

Acq: 17 Sep 2015 20:06

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

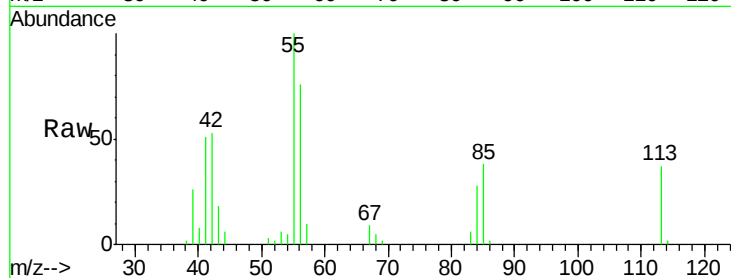
Tgt Ion:113 Resp: 18964

Ion Ratio Lower Upper

113 100

55 268.3 152.4 192.4#

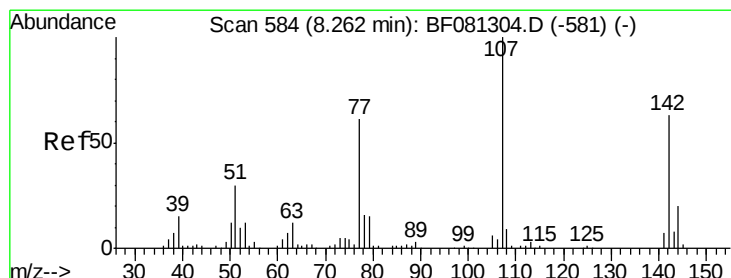
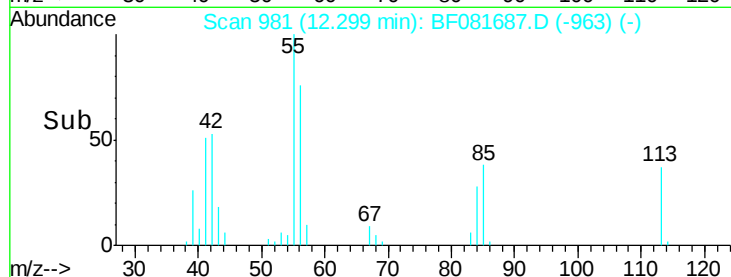
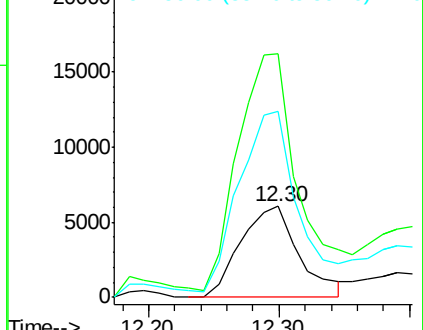
56 204.7 104.6 144.6#



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

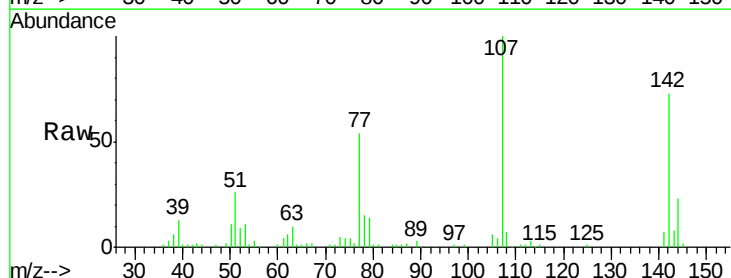
Tgt Ion:107 Resp: 151907

Ion Ratio Lower Upper

107 100

144 23.0 25.4 38.0#

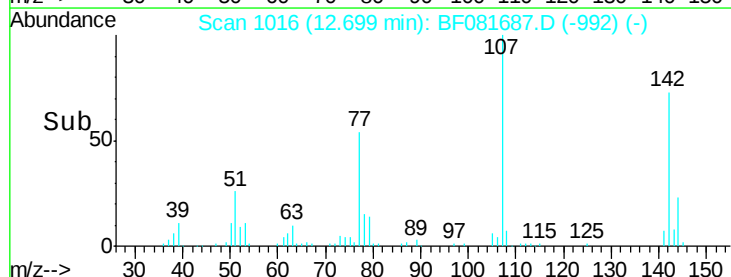
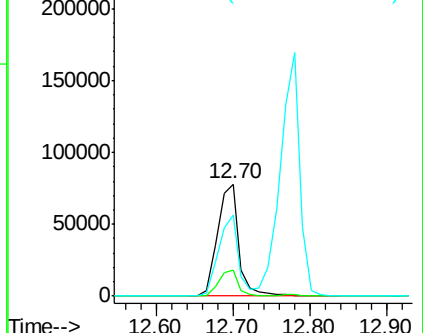
142 72.6 77.3 115.9#

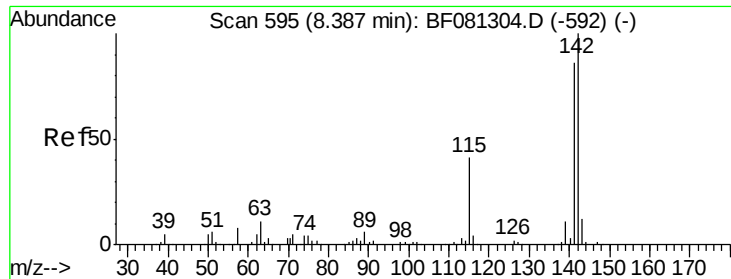


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

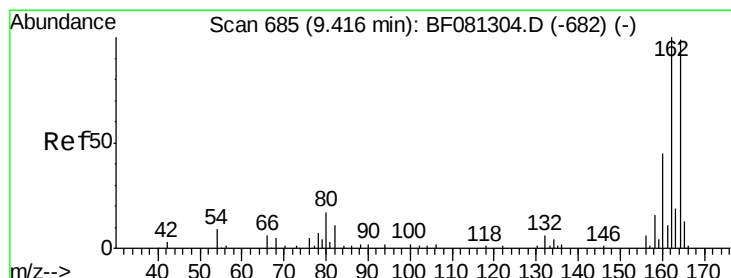
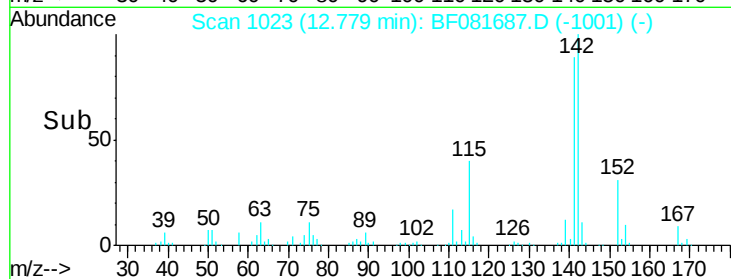
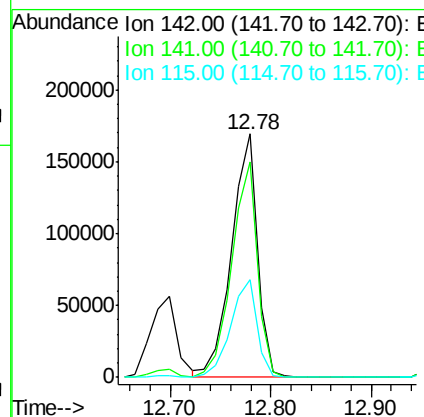
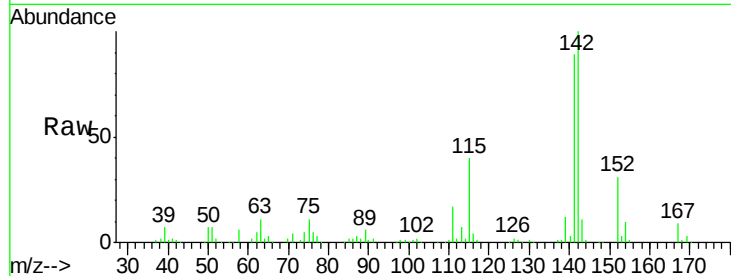




#37
 2-Methylnaphthalene
 Concen: 48.40 ng
 RT: 12.78 min Scan# 1023
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

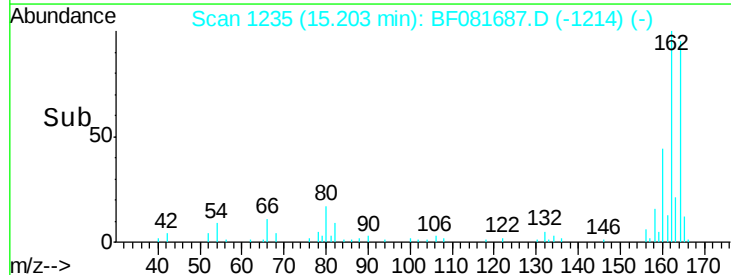
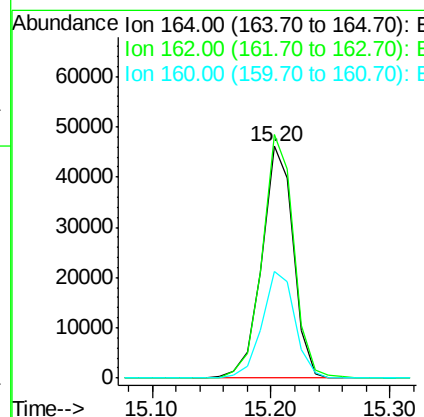
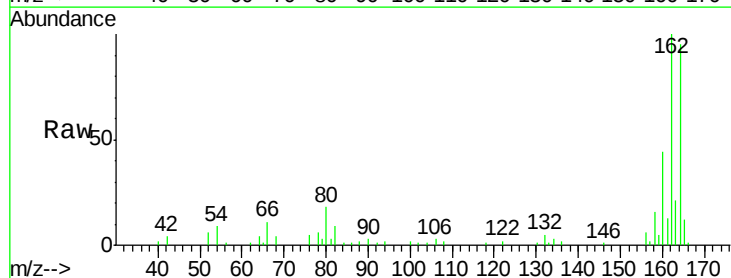
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MSD

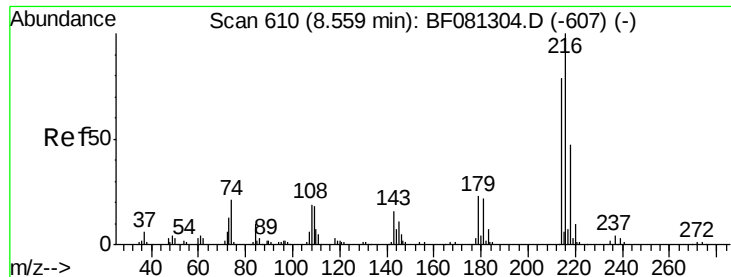
Tgt Ion:142 Resp: 303648
 Ion Ratio Lower Upper
 142 100
 141 88.6 67.5 101.3
 115 39.9 18.2 27.2#



#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

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

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

Tgt Ion:216 Resp: 128685

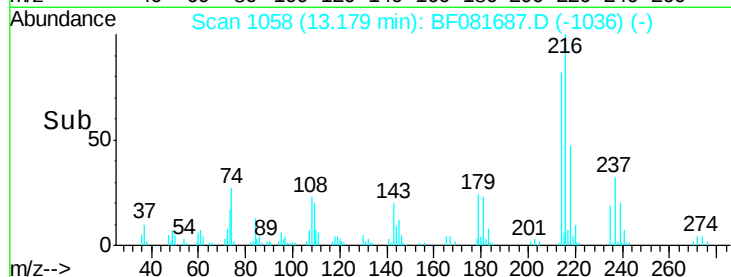
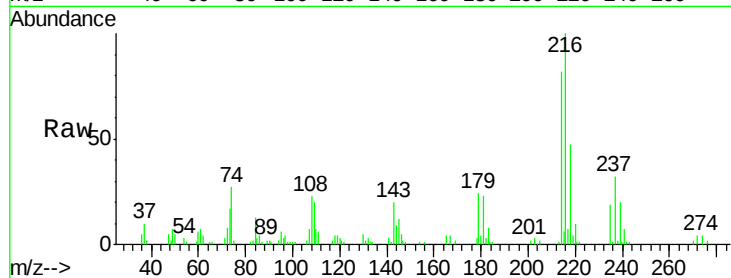
Ion Ratio Lower Upper

216 100

214 80.4 63.5 95.3

179 23.0 16.6 24.8

108 23.3 16.3 24.5

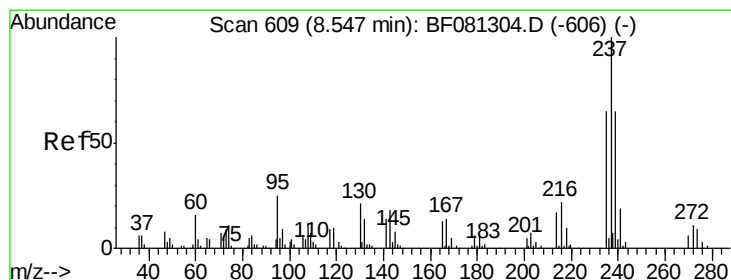
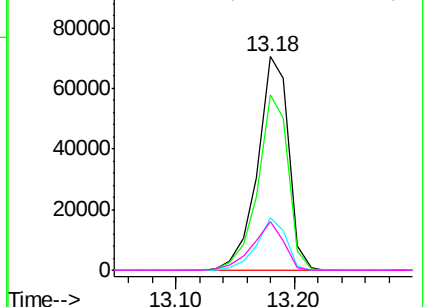


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 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

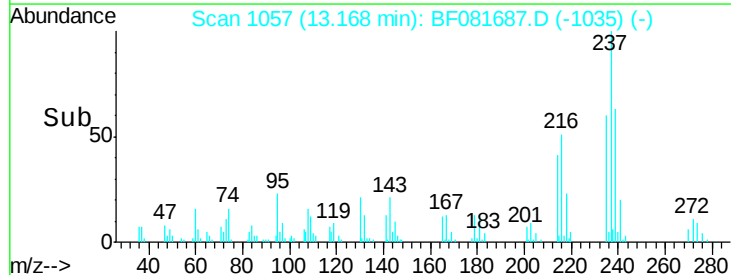
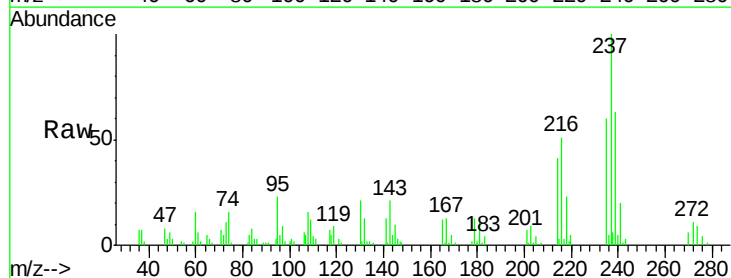
Tgt Ion:237 Resp: 107311

Ion Ratio Lower Upper

237 100

235 60.4 42.0 82.0

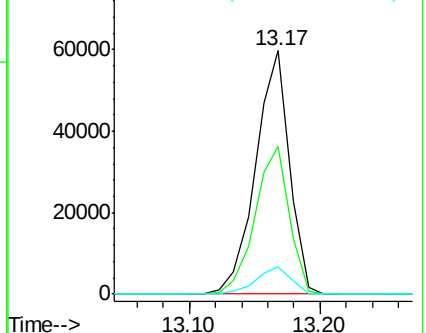
272 11.0 0.0 36.1

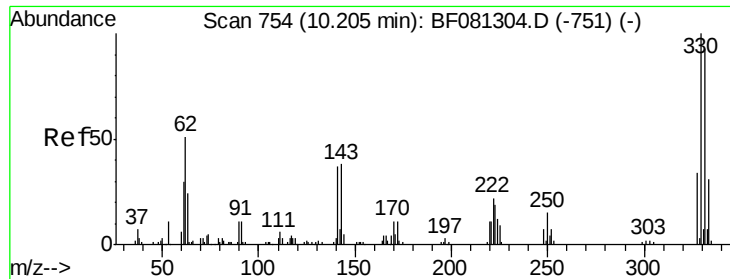


Abundance Ion 236.80 (236.50 to 237.50): E

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

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

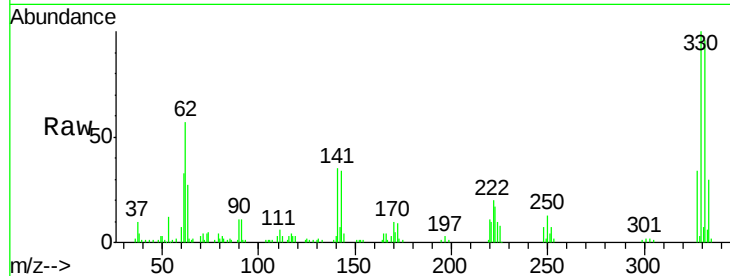
Tgt Ion:330 Resp: 115045

Ion Ratio Lower Upper

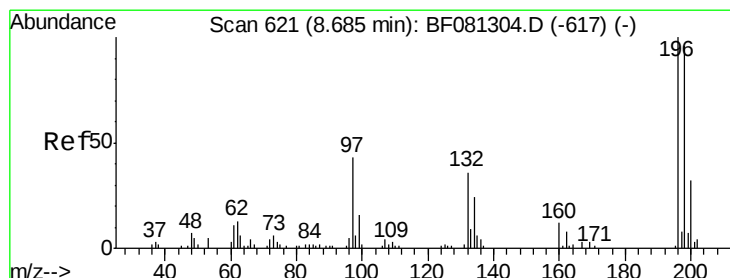
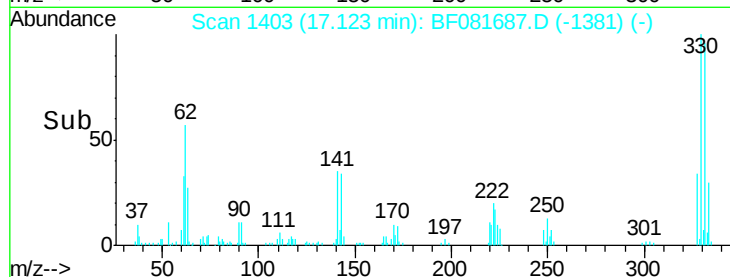
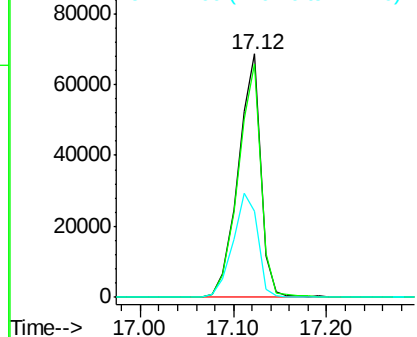
330 100

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

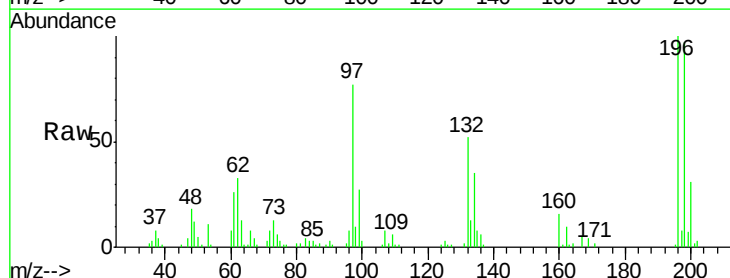
Tgt Ion:196 Resp: 85967

Ion Ratio Lower Upper

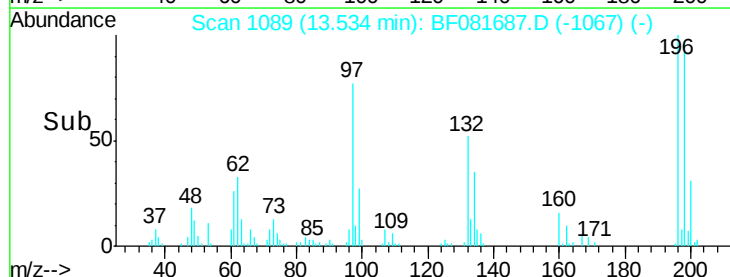
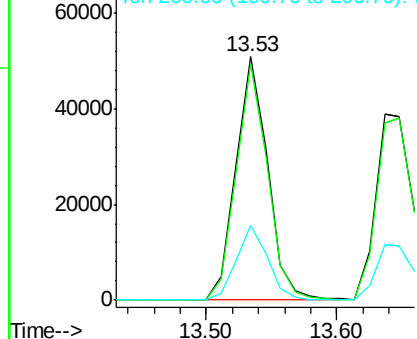
196 100

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

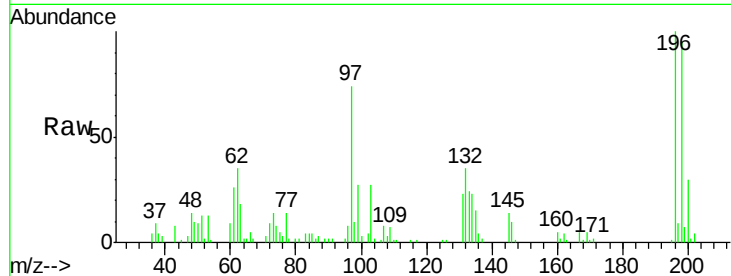




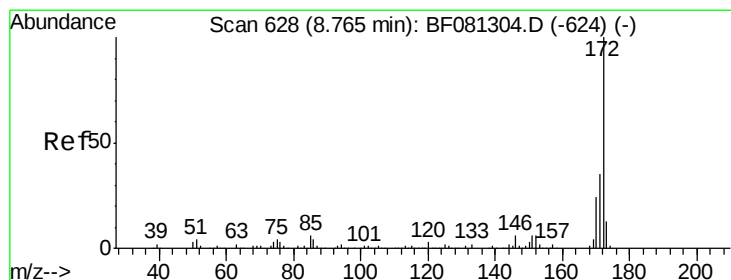
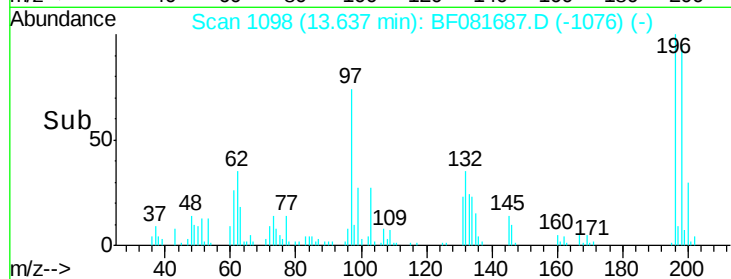
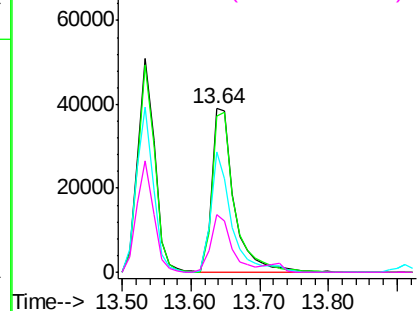
#43
 2,4,5-Trichlorophenol
 Concen: 47.10 ng
 RT: 13.64 min Scan# 1098
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

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

Tgt 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

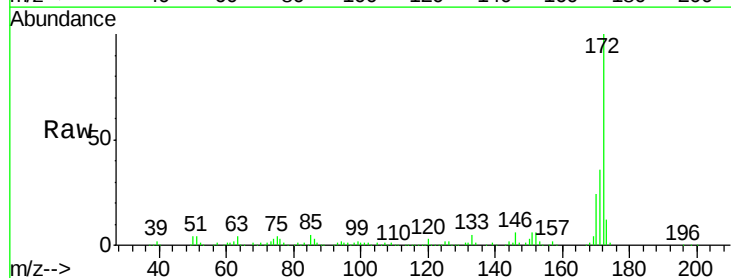


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

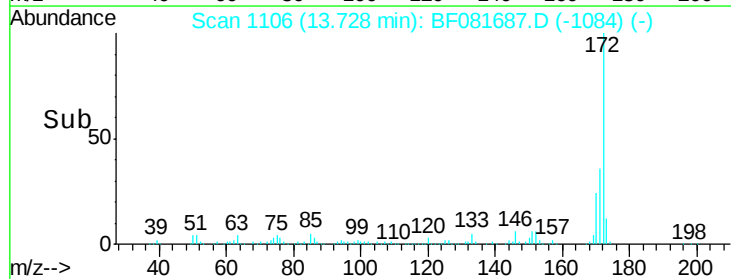
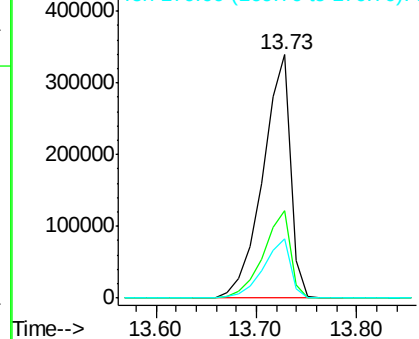


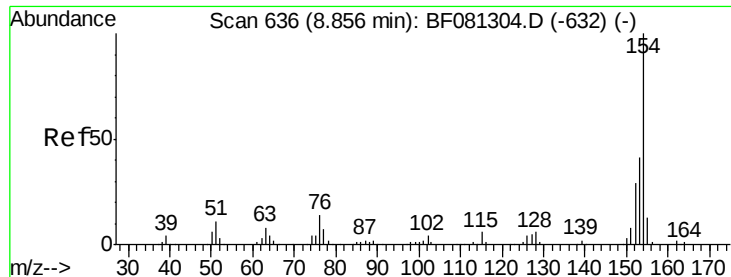
#44
 2-Fluorobiphenyl
 Concen: 97.46 ng
 RT: 13.73 min Scan# 1106
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

Tgt 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

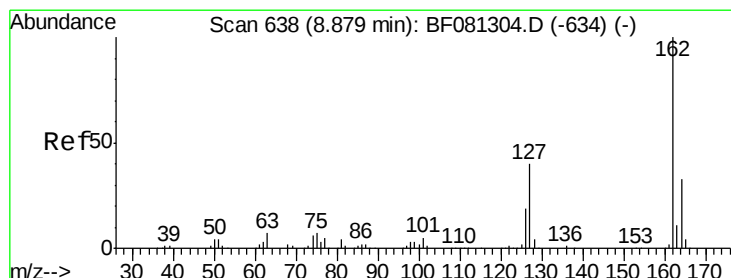
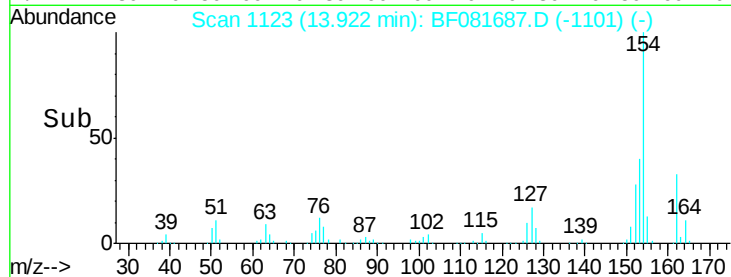
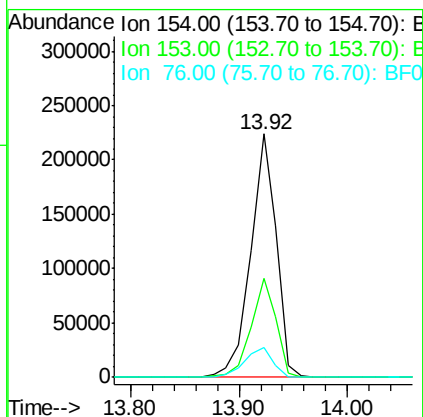
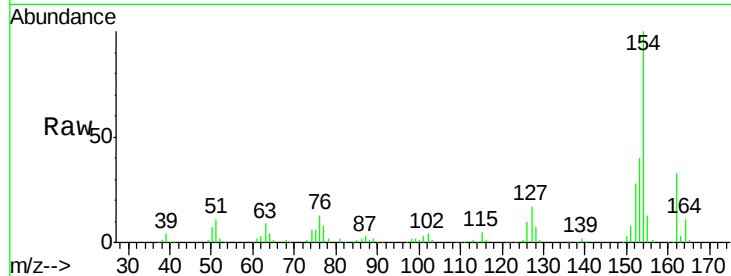




#45
 1,1'-Biphenyl
 Concen: 46.75 ng
 RT: 13.92 min Scan# 1123
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

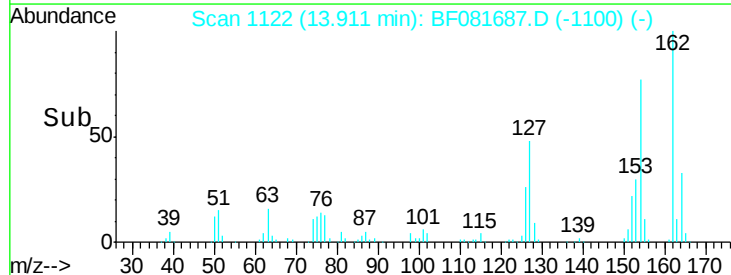
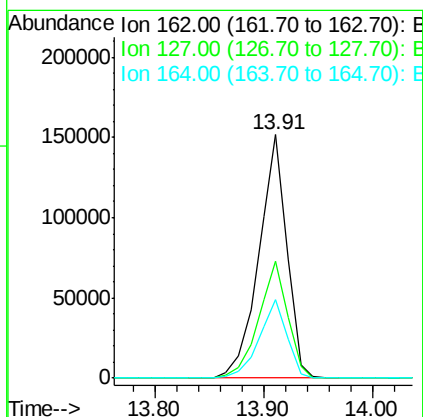
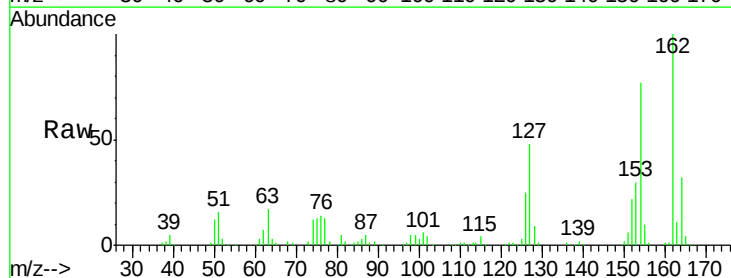
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MSD

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



#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

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

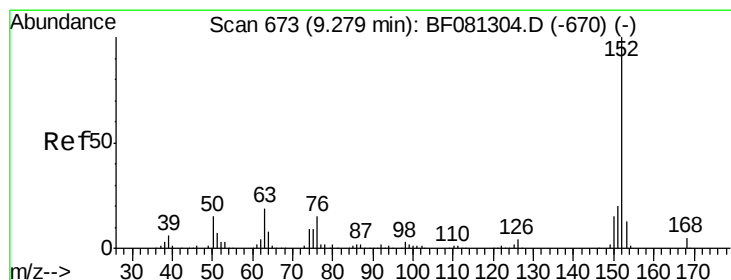
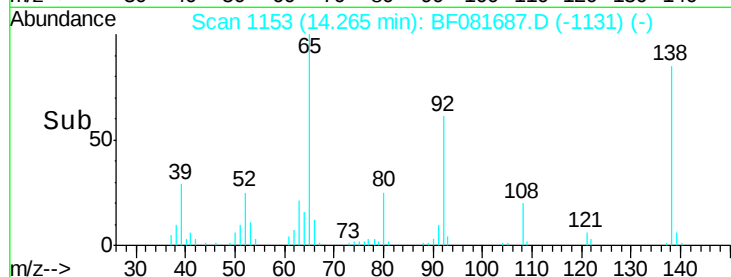
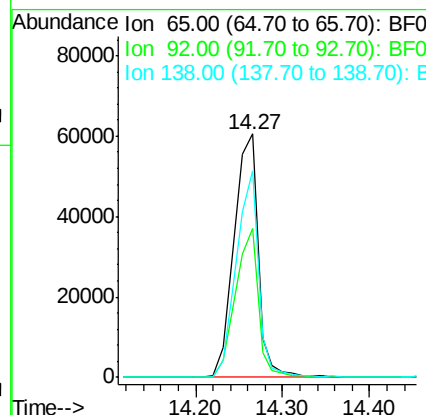
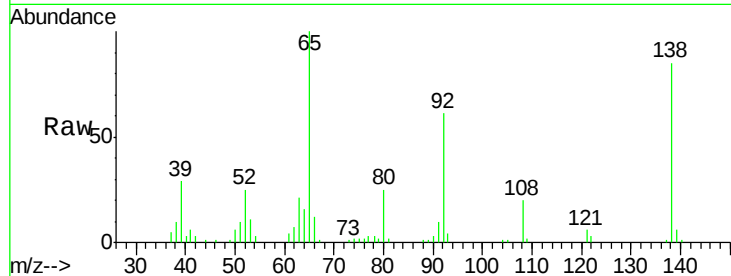




#47
 2-Nitroaniline
 Concen: 50.53 ng
 RT: 14.27 min Scan# 1153
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

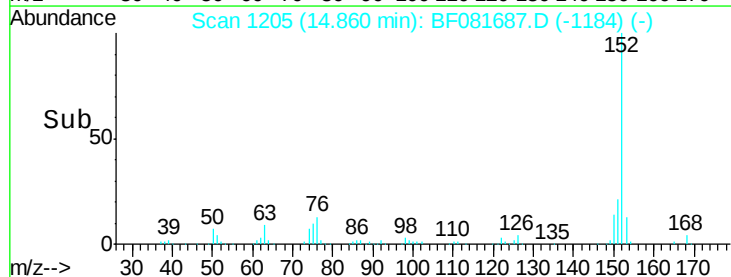
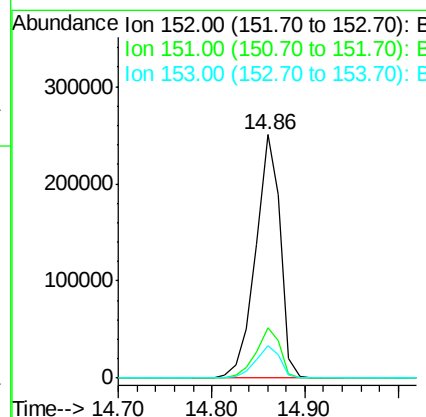
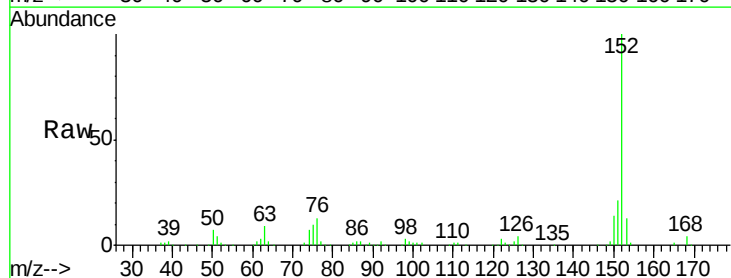
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MSD

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

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

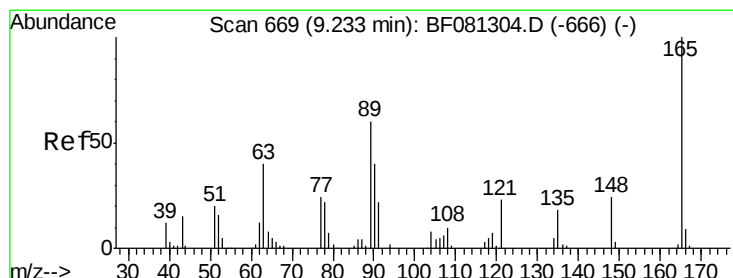
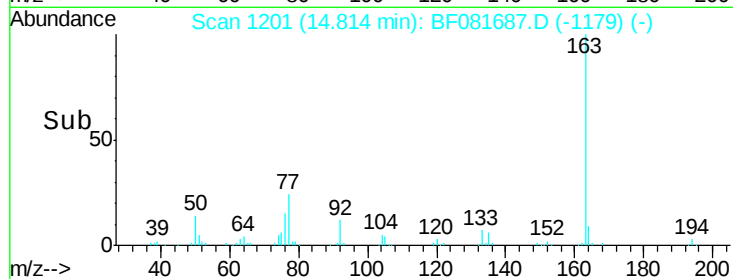
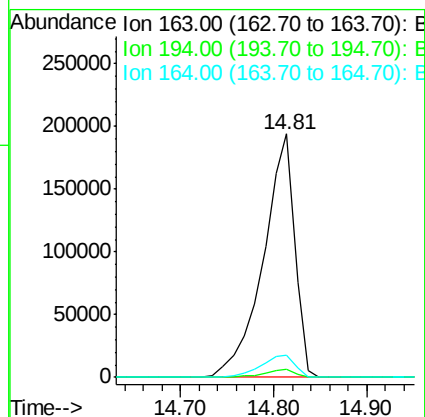
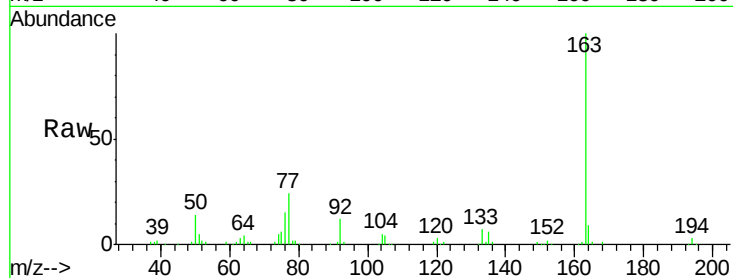




#49
Dimethylphthalate
Concen: 68.58 ng
RT: 14.81 min Scan# 1201
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

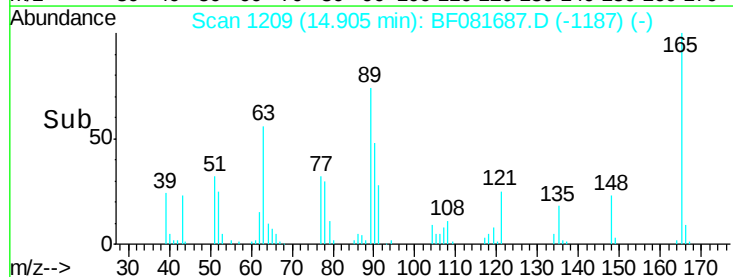
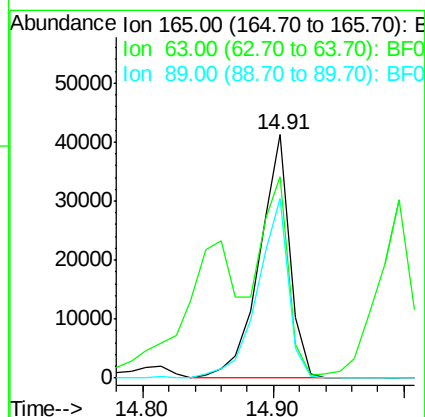
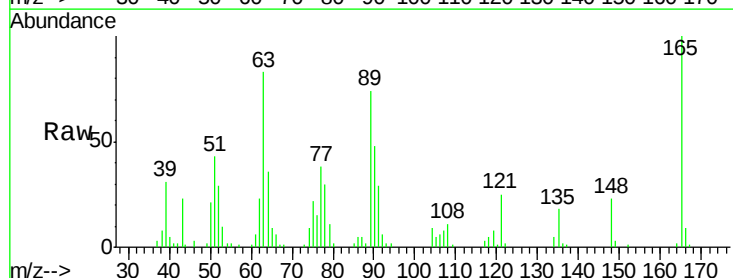
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MSD

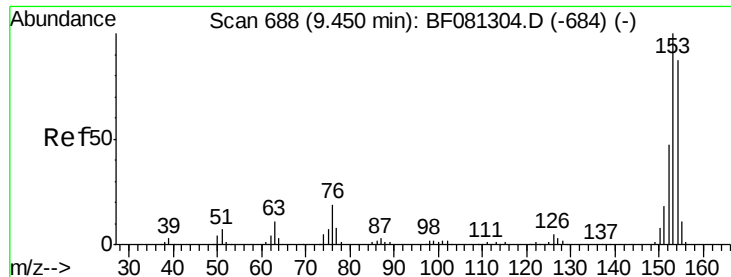
Tgt Ion:163 Resp: 453400
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 9.4 8.3 12.5



#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

Tgt Ion:165 Resp: 66396
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

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

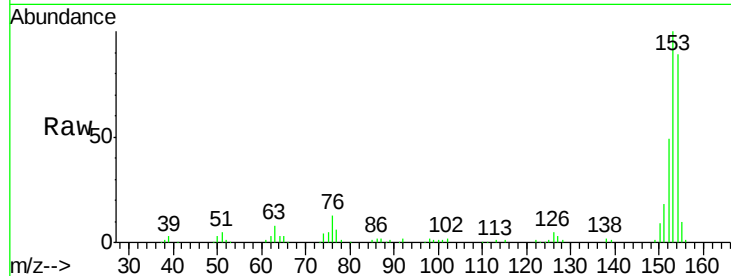
Tgt Ion:154 Resp: 261111

Ion Ratio Lower Upper

154 100

153 112.2 82.1 123.1

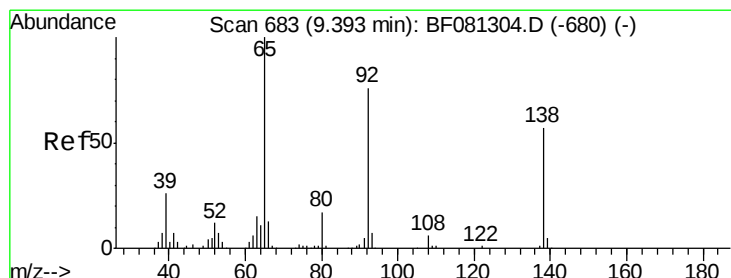
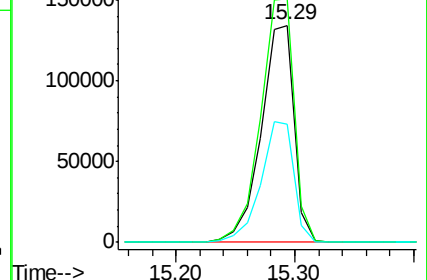
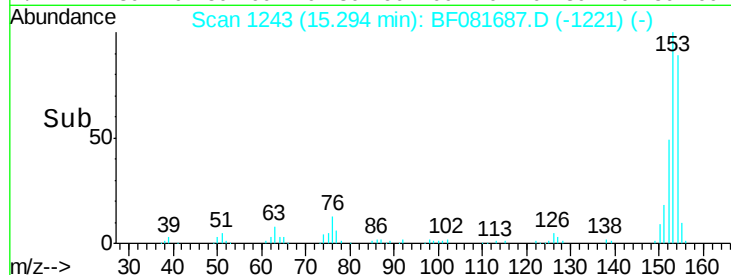
152 54.6 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 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

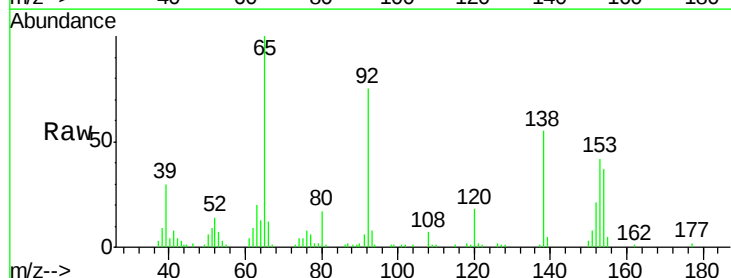
Tgt Ion:138 Resp: 55163

Ion Ratio Lower Upper

138 100

108 12.1 5.7 8.5#

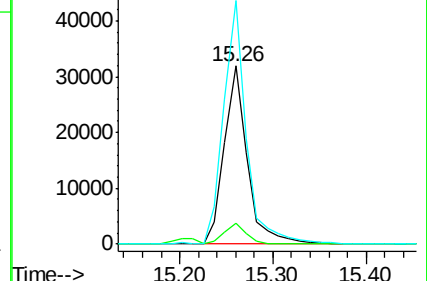
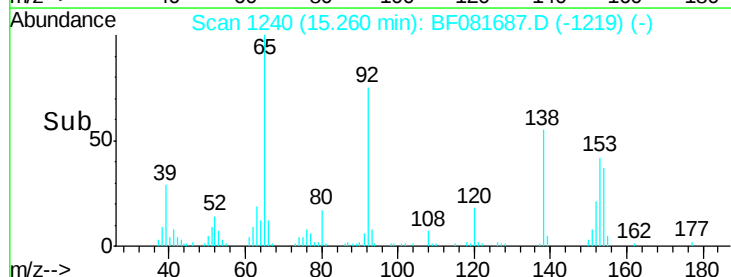
92 137.0 67.7 101.5#



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

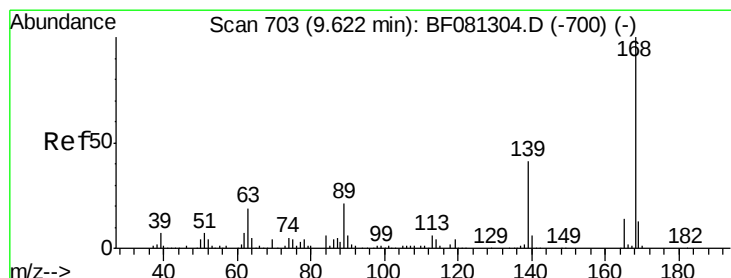
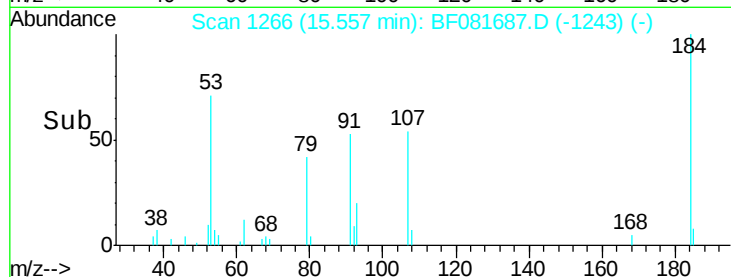
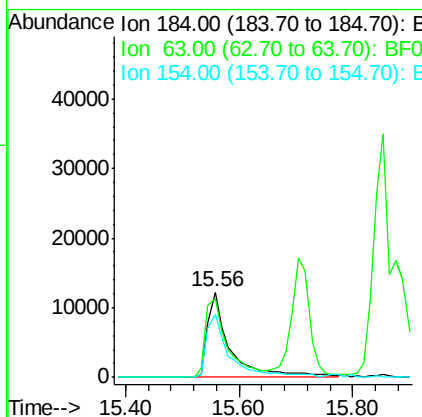
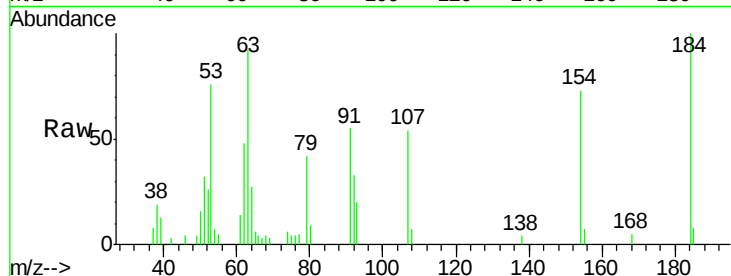




#53
2,4-Dinitrophenol
Concen: 46.29 ng
RT: 15.56 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

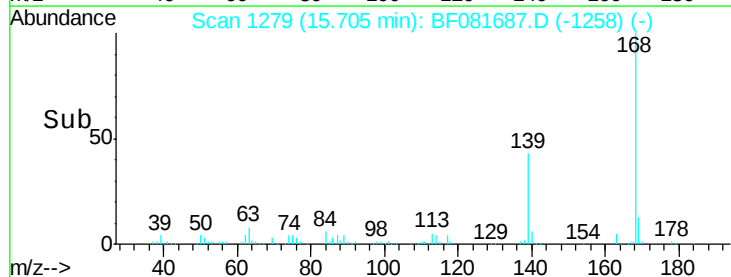
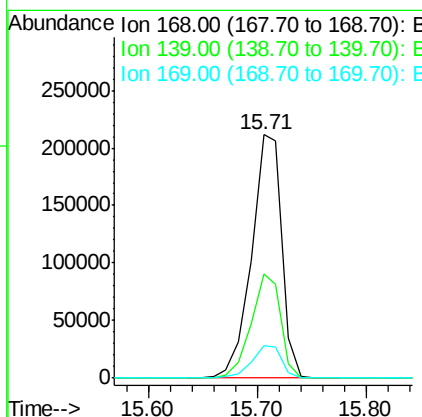
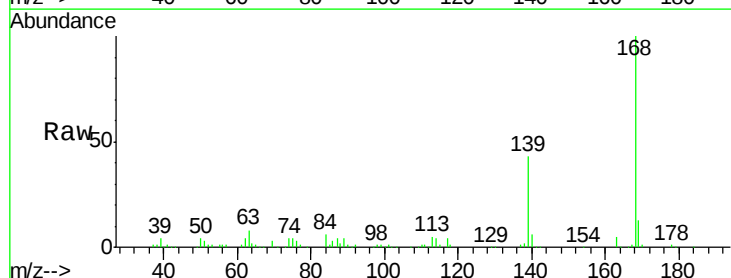
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MSD

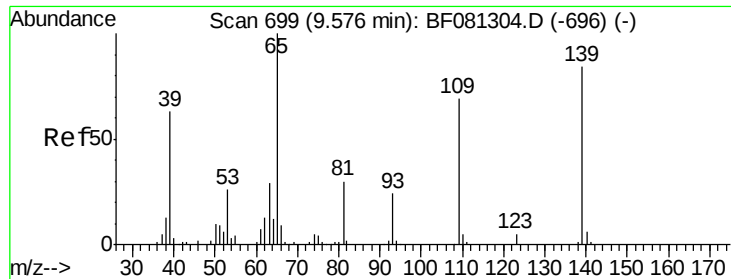
Tgt Ion:184 Resp: 33090
Ion Ratio Lower Upper
184 100
63 92.3 35.4 53.2#
154 73.4 32.2 48.4#



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

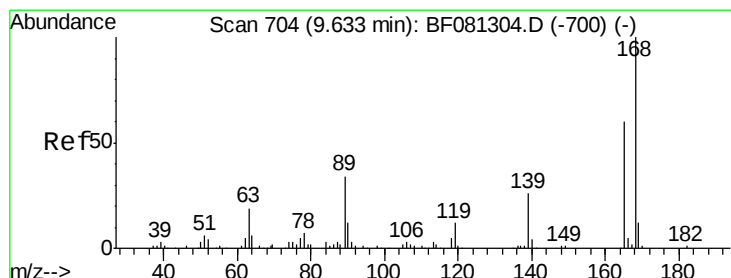
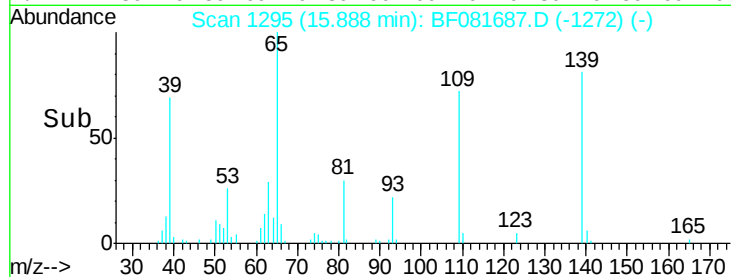
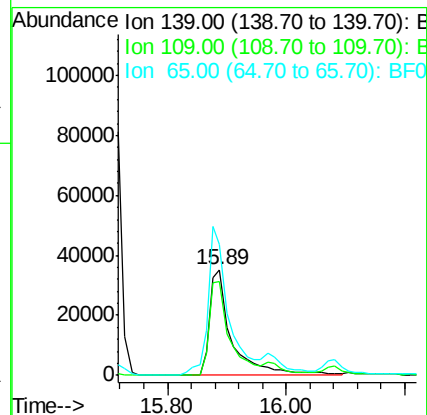
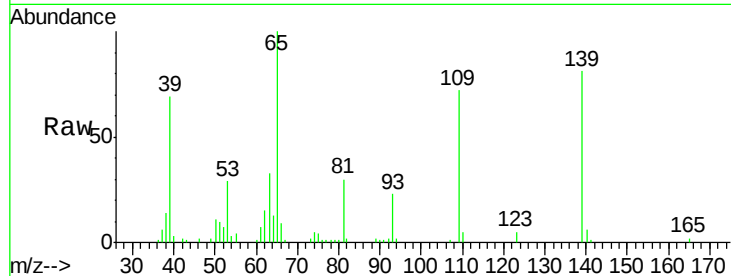
Tgt Ion:139 Resp: 92372

Ion Ratio Lower Upper

139 100

109 88.8 12.7 52.7#

65 123.8 45.9 85.9#



#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

Tgt Ion:165 Resp: 93553

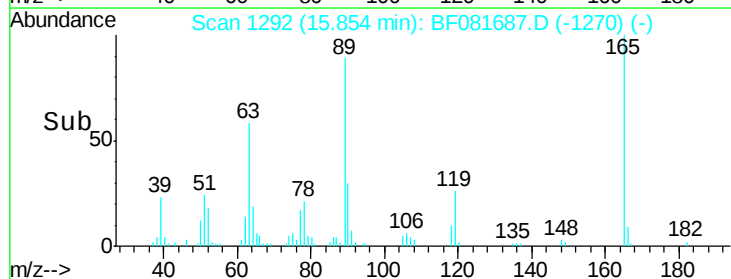
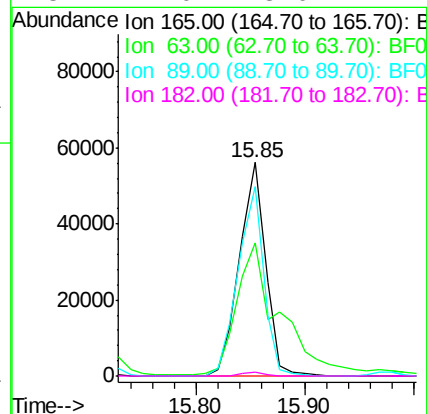
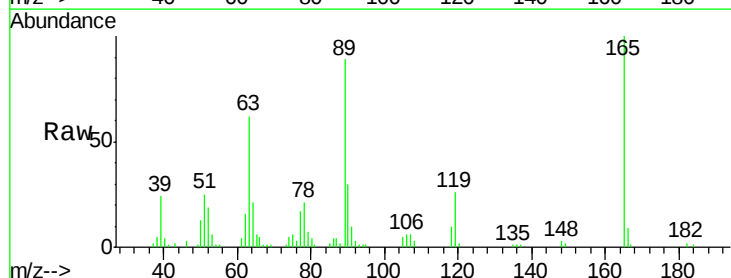
Ion Ratio Lower Upper

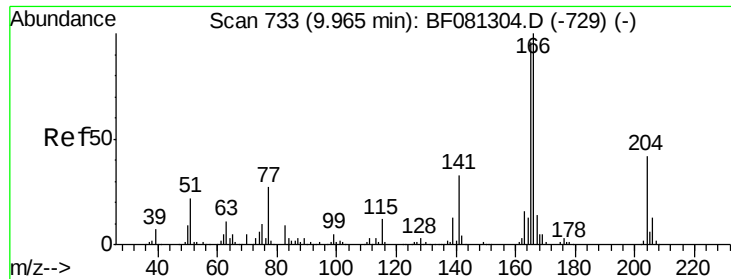
165 100

63 62.2 29.8 44.6#

89 88.6 44.5 66.7#

182 2.0 3.0 4.4#





#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

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

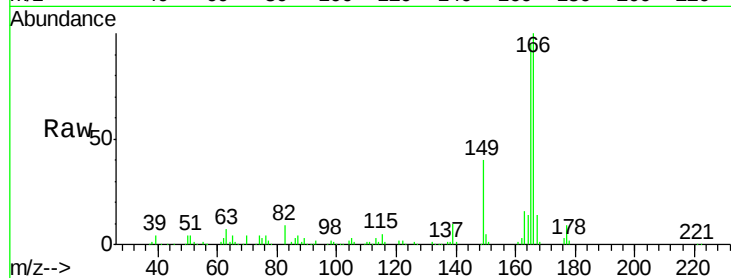
Tgt Ion:166 Resp: 317877

Ion Ratio Lower Upper

166 100

165 95.4 72.6 109.0

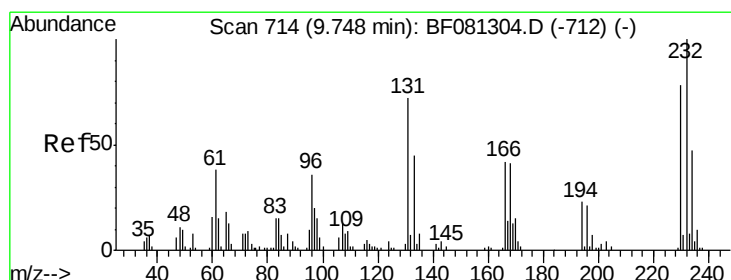
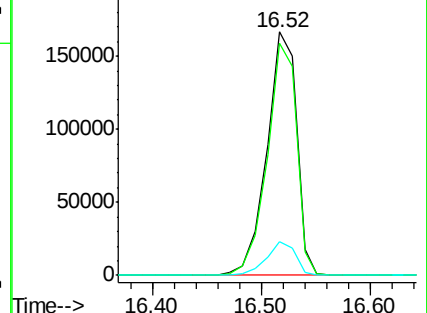
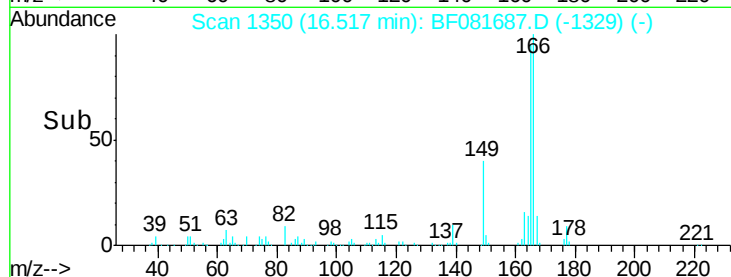
167 13.6 10.6 16.0



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

Tgt Ion:232 Resp: 74003

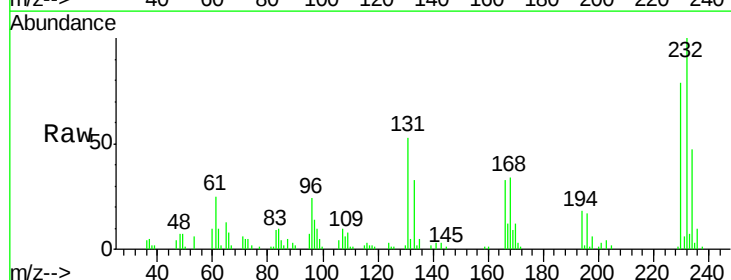
Ion Ratio Lower Upper

232 100

131 56.8 38.5 57.7

130 2.5 1.8 2.6

166 33.4 25.0 37.6

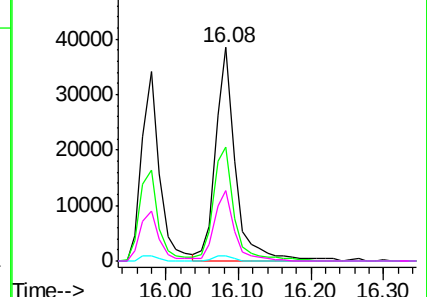
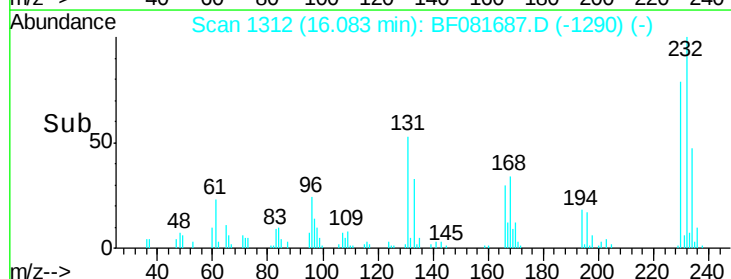


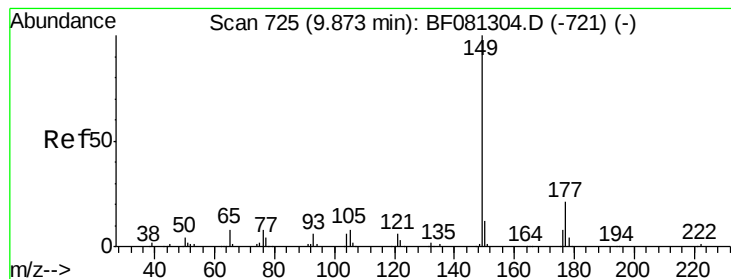
Abundance Ion 232.00 (231.70 to 232.70): E

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

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

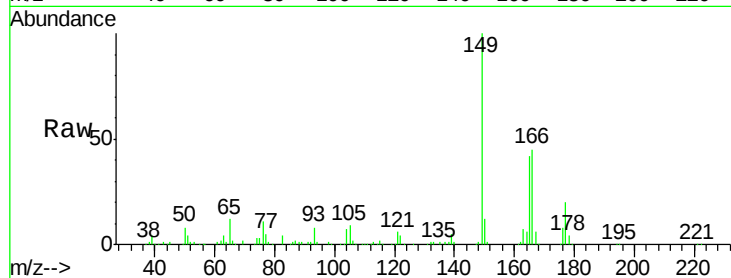
Tgt Ion:149 Resp: 347850

Ion Ratio Lower Upper

149 100

177 19.9 17.5 26.3

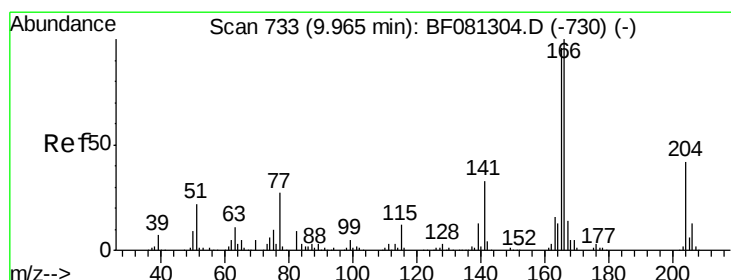
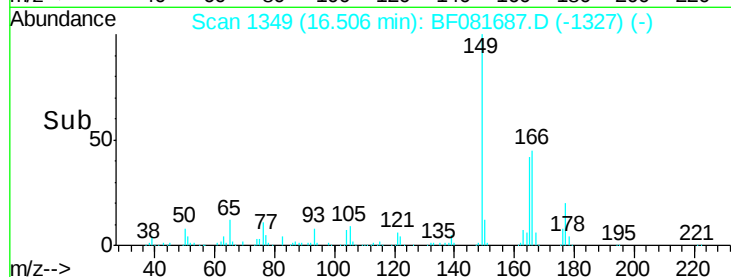
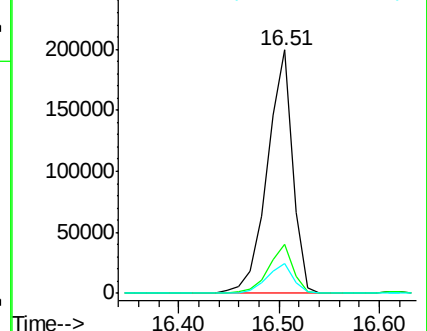
150 12.4 9.4 14.2



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

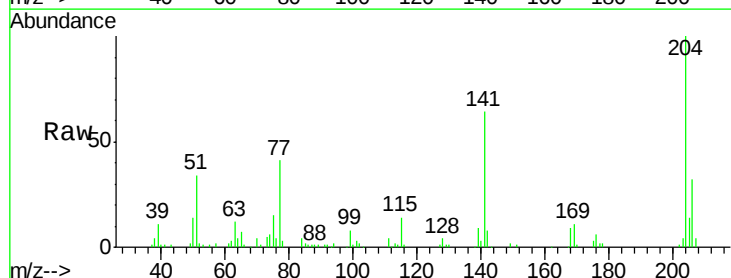
Tgt Ion:204 Resp: 150735

Ion Ratio Lower Upper

204 100

206 32.4 24.8 37.2

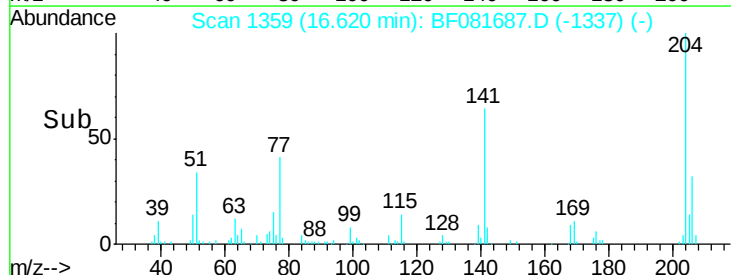
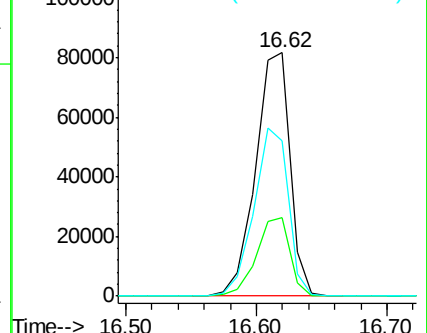
141 63.7 42.2 63.4#

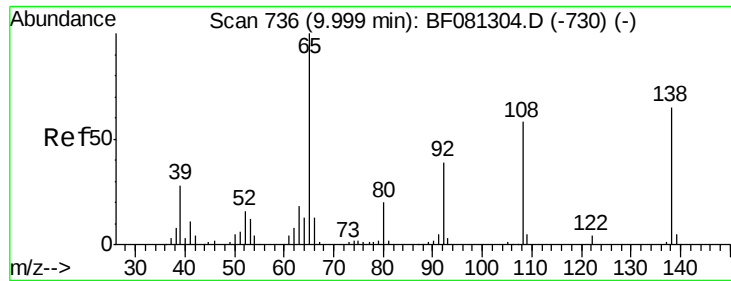


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

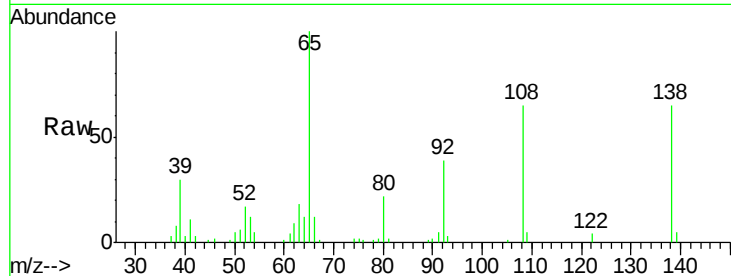




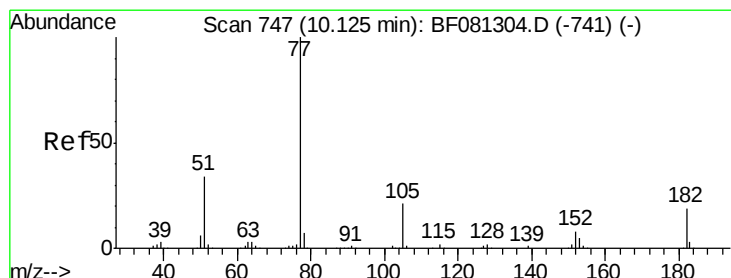
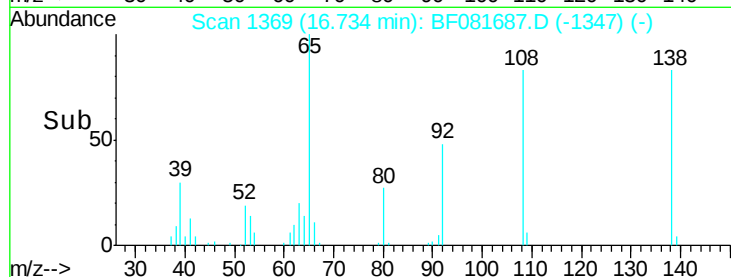
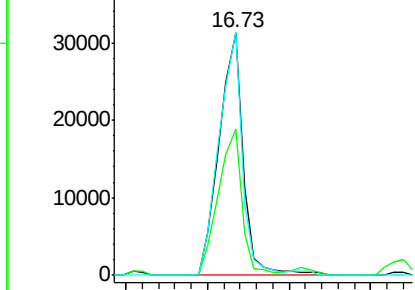
#61
4-Nitroaniline
Concen: 37.16 ng
RT: 16.73 min Scan# 1369
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

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

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#

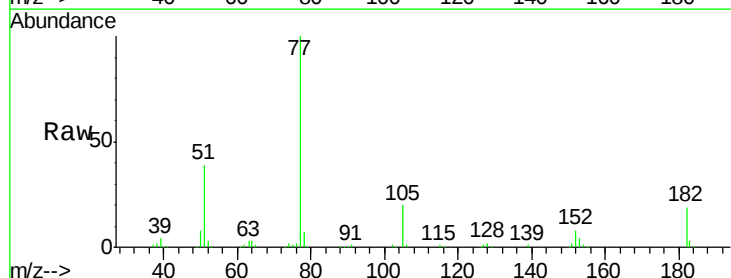


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

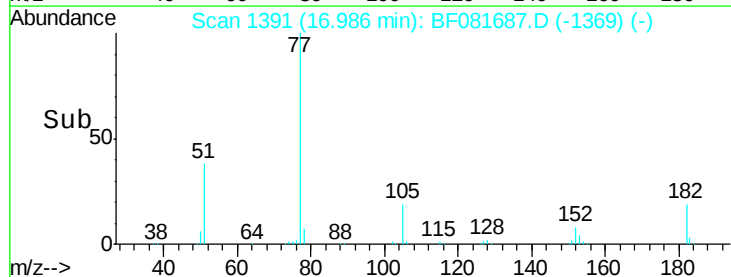
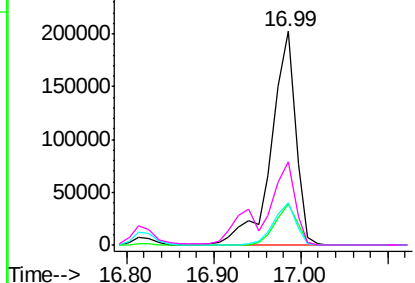


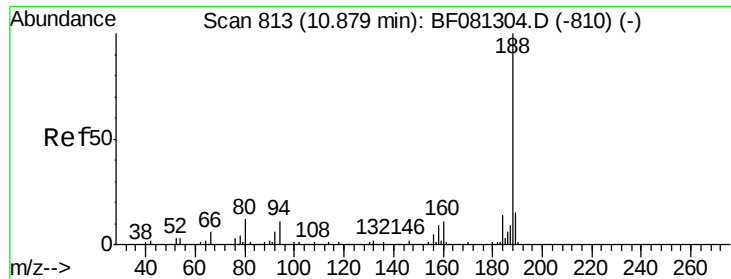
#62
Azobenzene
Concen: 50.89 ng
RT: 16.99 min Scan# 1391
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

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): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

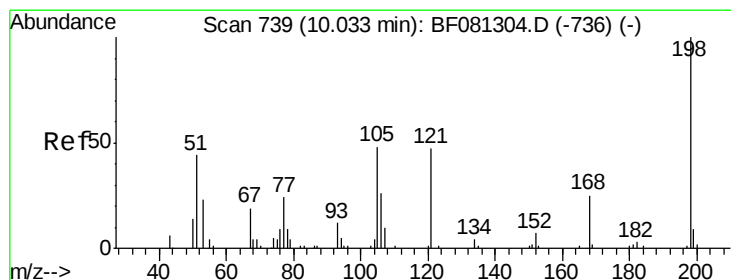
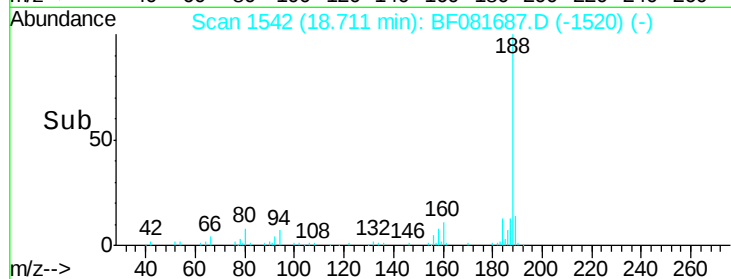
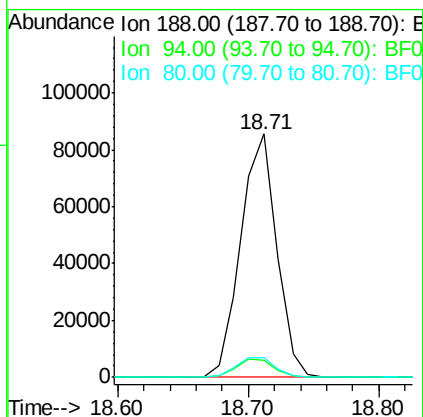
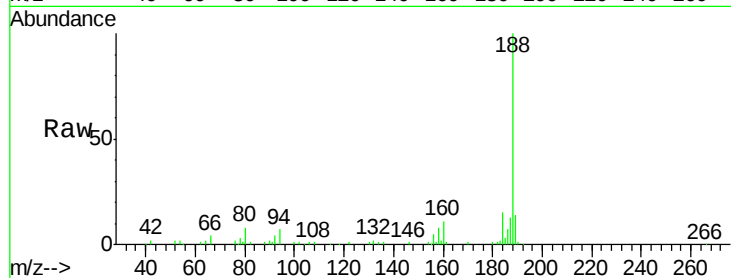




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.71 min Scan# 1542
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

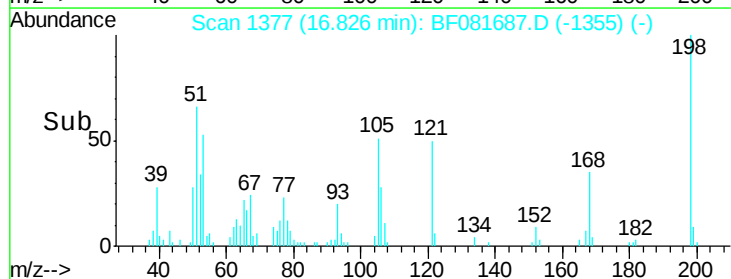
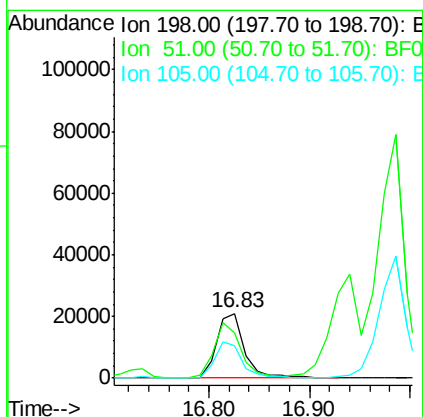
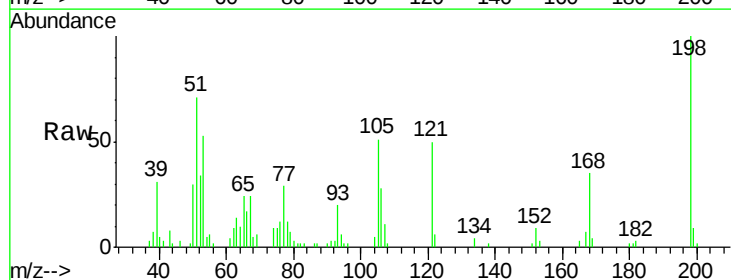
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MSD

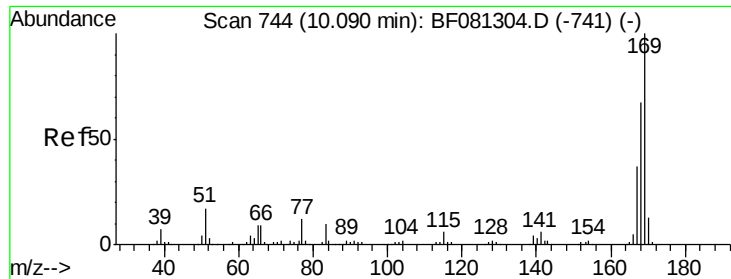
Tgt Ion:188 Resp: 164316
Ion Ratio Lower Upper
188 100
94 7.1 11.1 16.7#
80 8.0 11.0 16.4#



#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

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

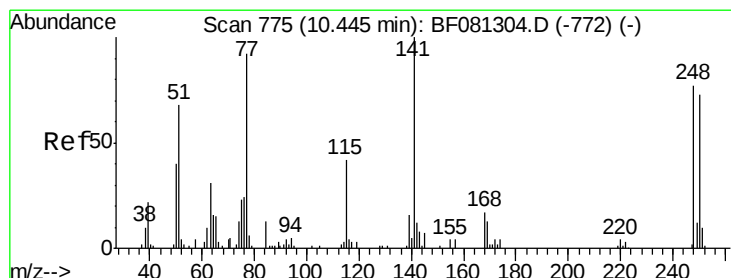
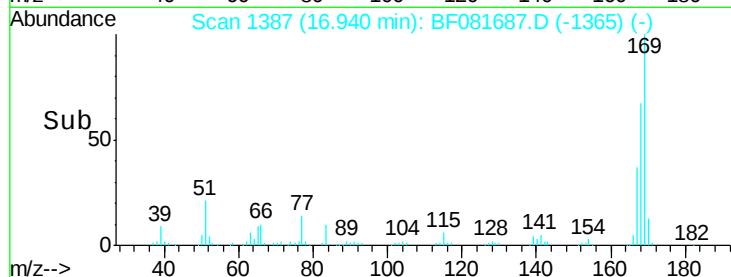
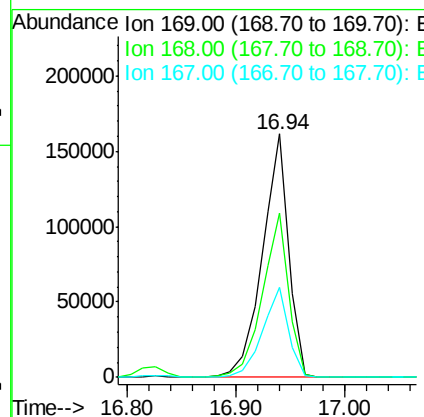
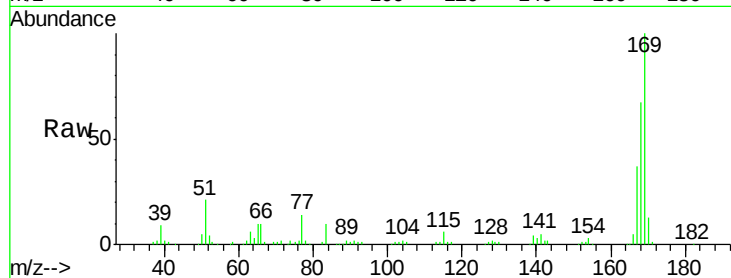




#65
n-Nitrosodiphenylamine
Concen: 45.32 ng
RT: 16.94 min Scan# 1387
Delta R.T. -0.04 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

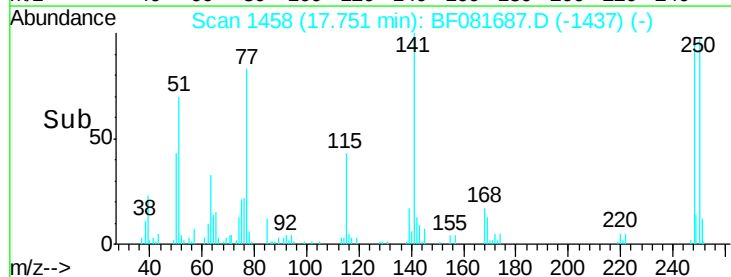
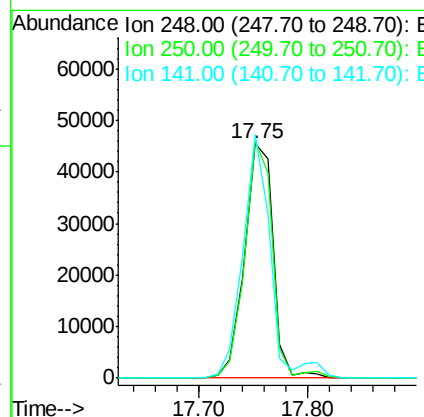
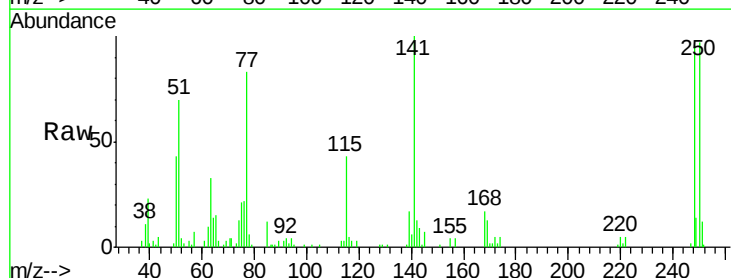
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MSD

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

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#

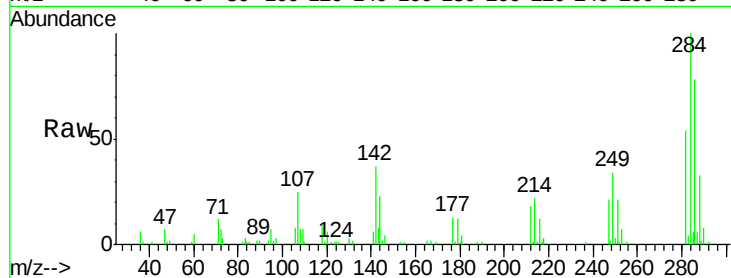




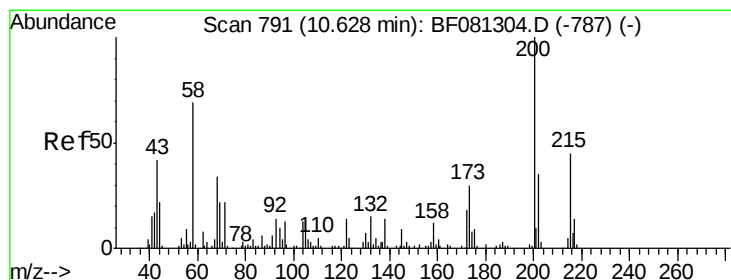
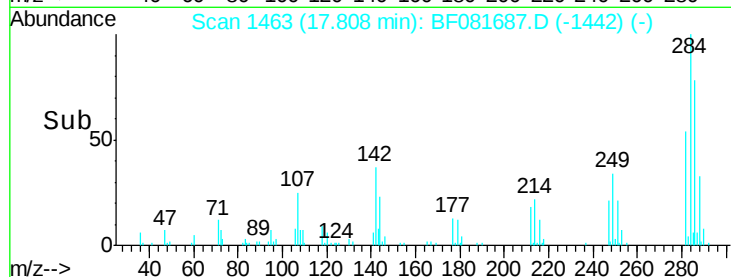
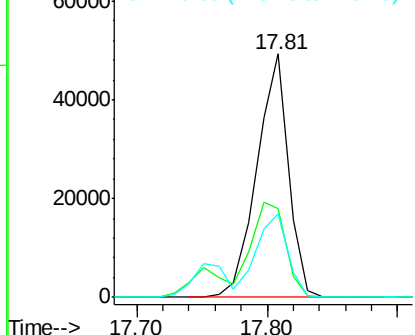
#67
Hexachlorobenzene
Concen: 47.99 ng
RT: 17.81 min Scan# 1463
Delta R.T. -0.06 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

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

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#

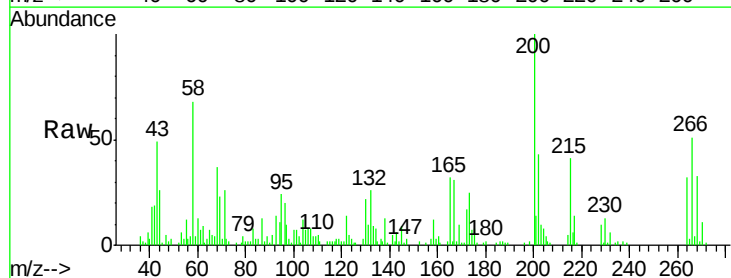


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

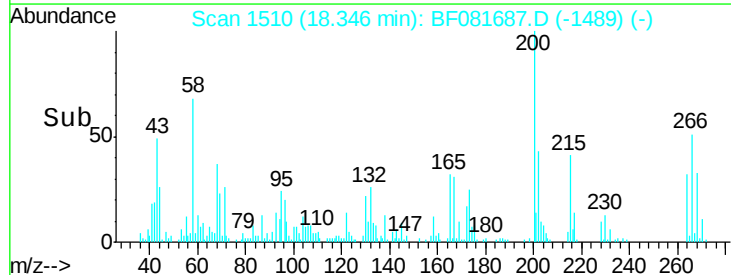
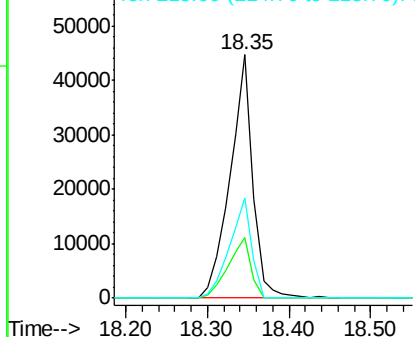


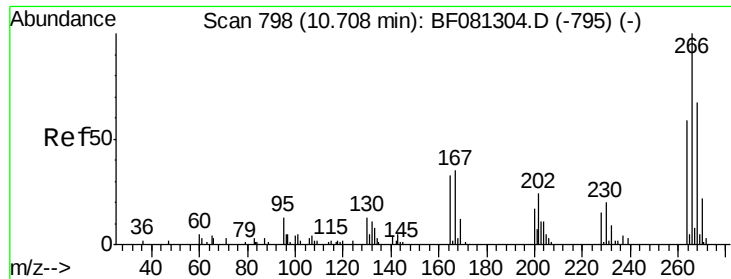
#68
Atrazine
Concen: 49.93 ng
RT: 18.35 min Scan# 1510
Delta R.T. -0.06 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

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

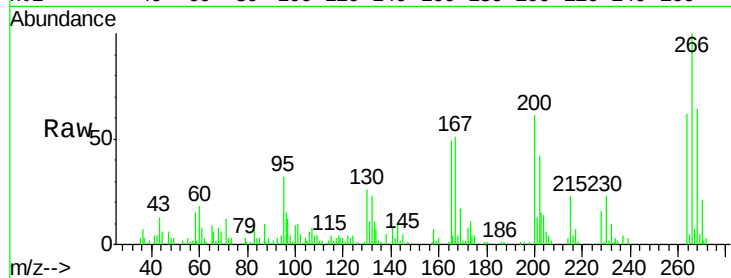




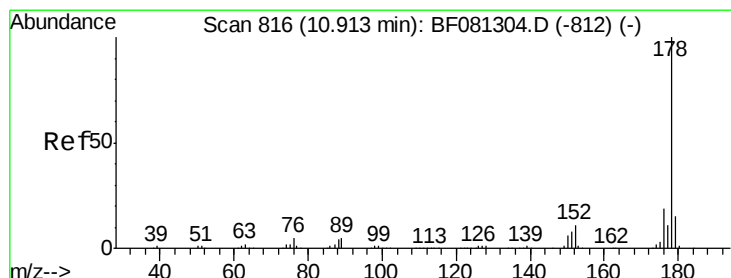
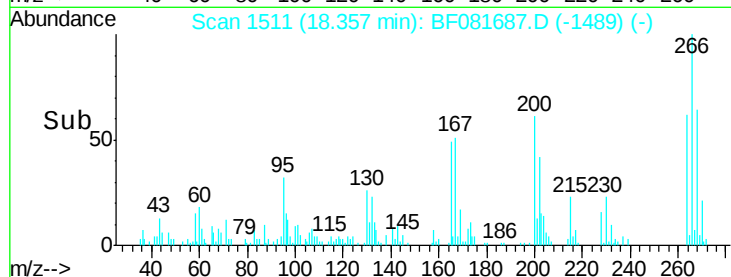
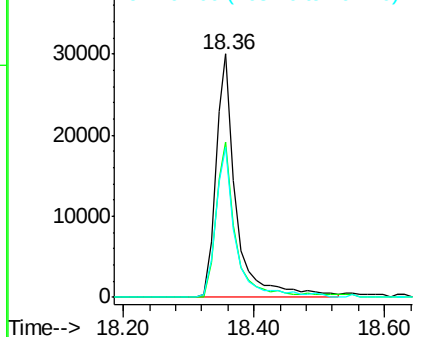
#69
 Pentachlorophenol
 Concen: 77.64 ng
 RT: 18.36 min Scan# 1511
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

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

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

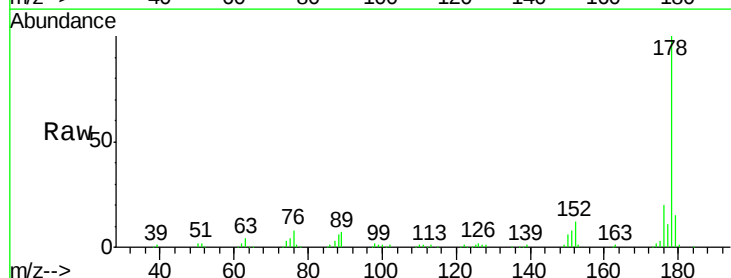


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

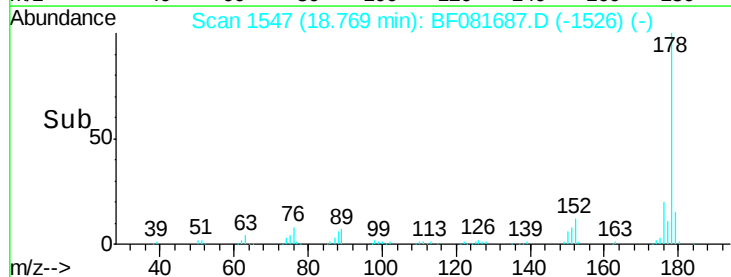
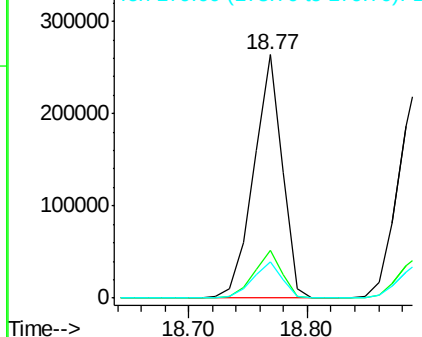


#70
 Phenanthrene
 Concen: 48.35 ng
 RT: 18.77 min Scan# 1547
 Delta R.T. -0.06 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

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

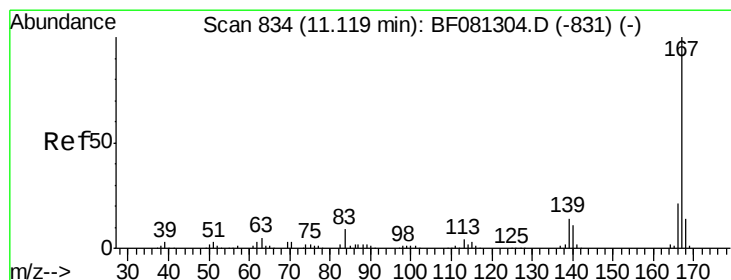
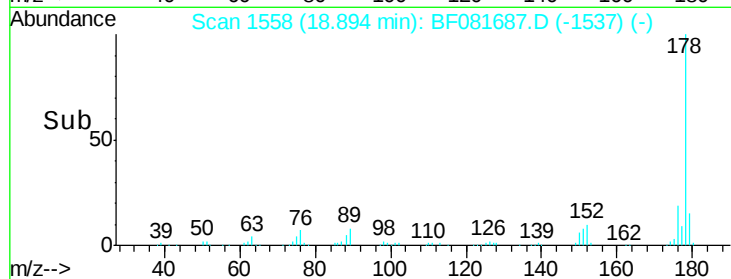
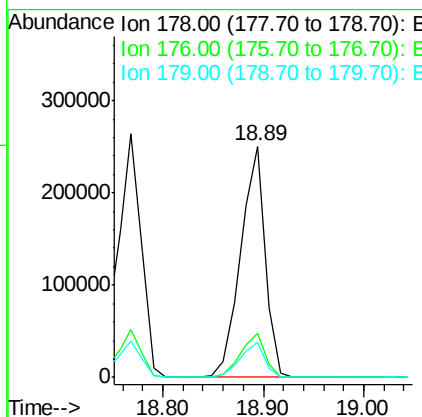
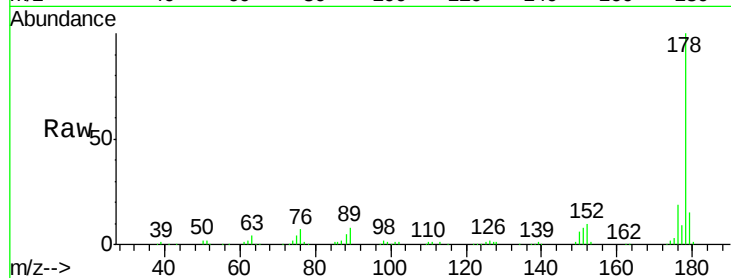




#71
 Anthracene
 Concen: 45.32 ng
 RT: 18.89 min Scan# 1558
 Delta R.T. -0.06 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

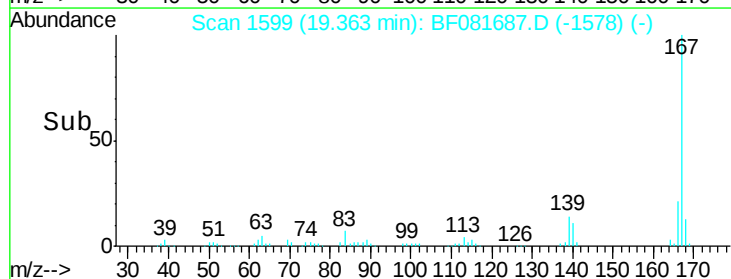
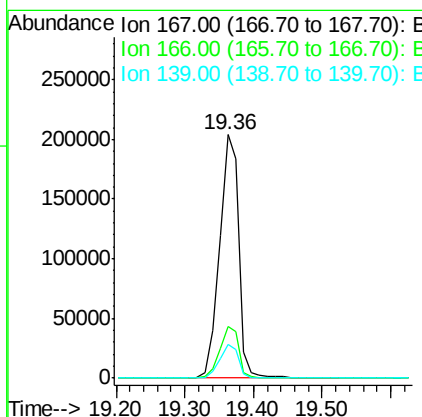
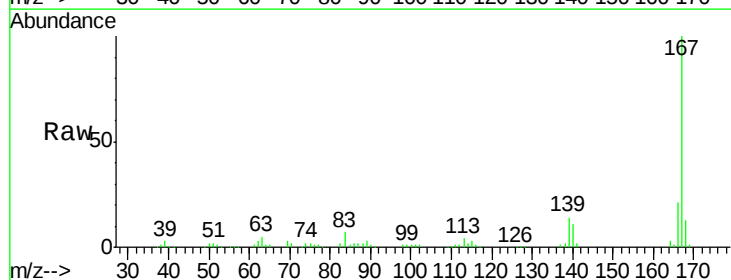
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MSD

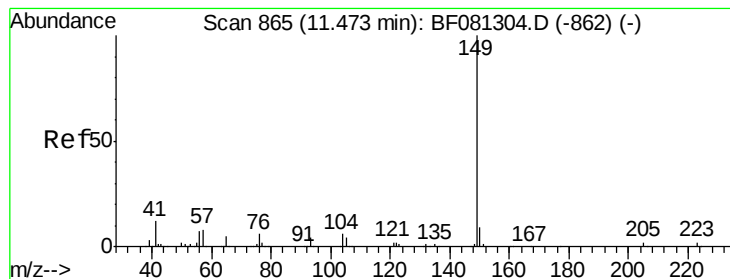
Tgt Ion:178 Resp: 425299
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.1 21.1
 179 15.0 12.2 18.2



#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

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

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

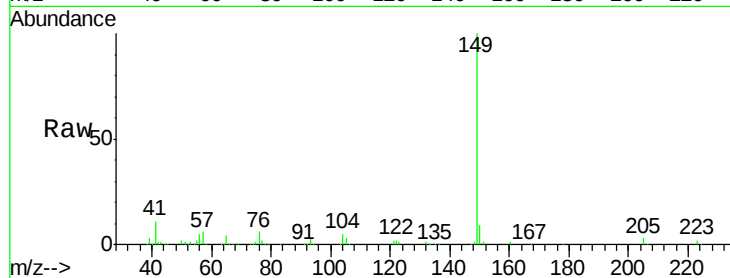
Tgt Ion:149 Resp: 517397

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

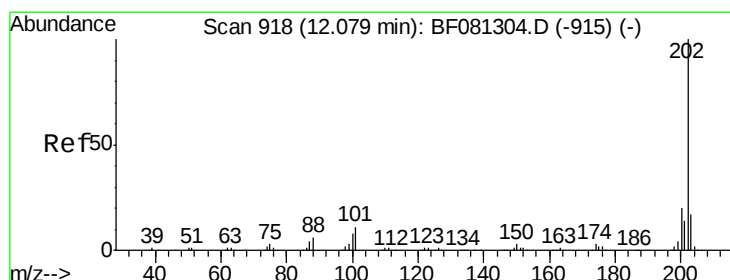
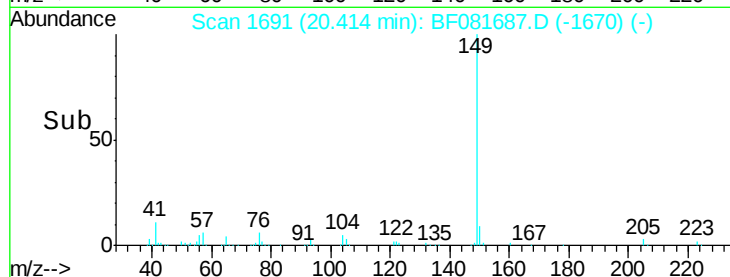
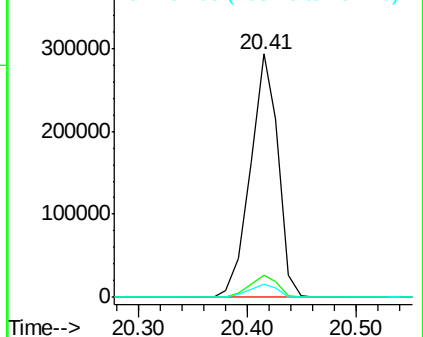
104 5.3 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 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

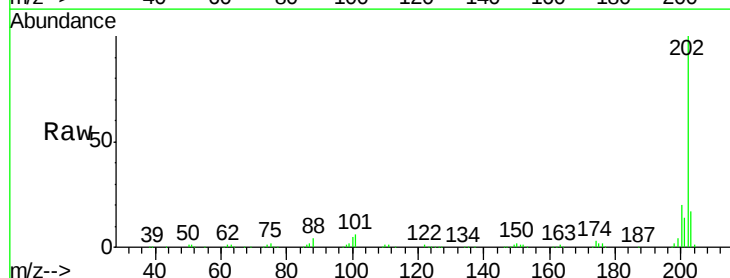
Tgt Ion:202 Resp: 467414

Ion Ratio Lower Upper

202 100

101 6.1 0.0 38.3

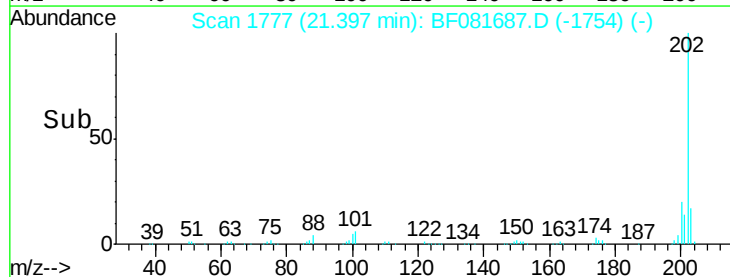
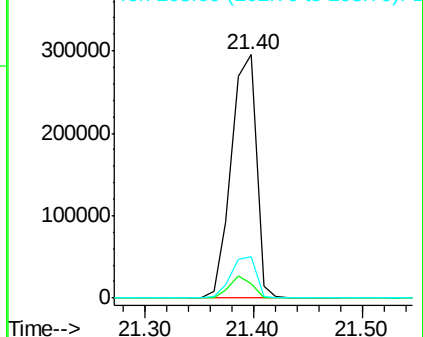
203 17.2 0.0 37.3

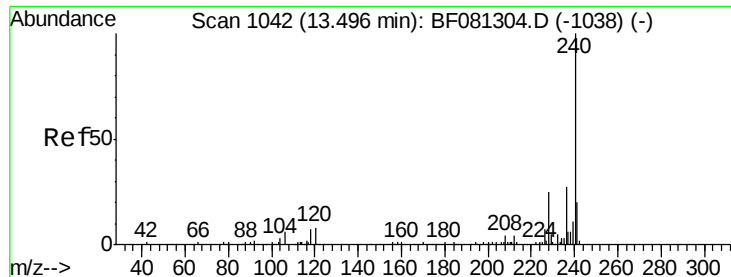


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.35 min Scan# 1948

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

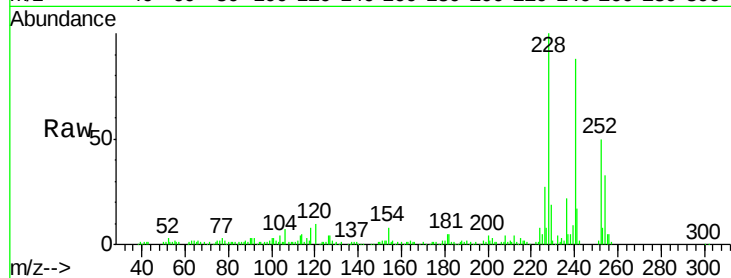
Tgt Ion:240 Resp: 100494

Ion Ratio Lower Upper

240 100

120 11.0 16.2 24.2#

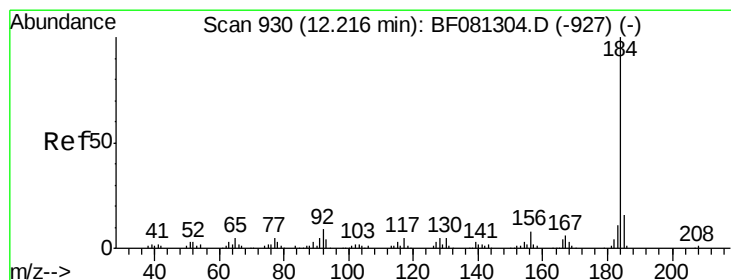
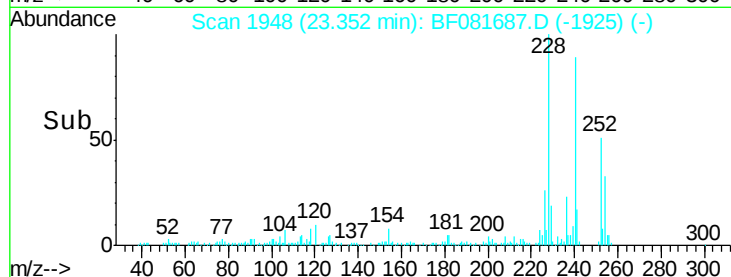
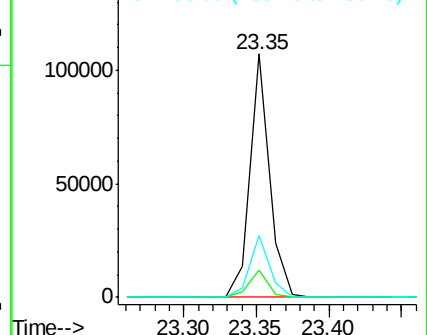
236 25.5 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 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

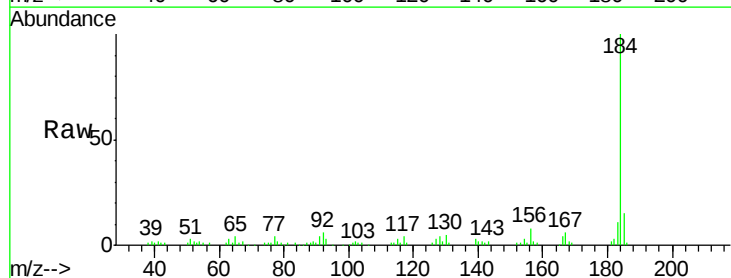
Tgt Ion:184 Resp: 109200

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

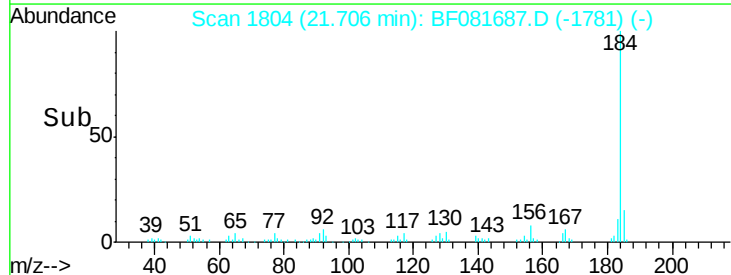
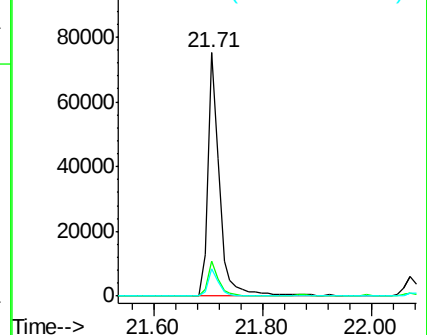
183 11.0 7.6 11.4

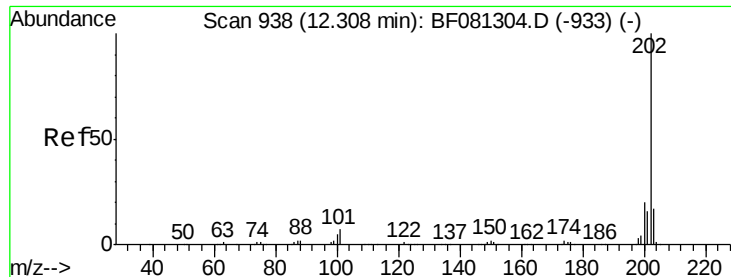


Abundance Ion 184.00 (183.70 to 184.70): E

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

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

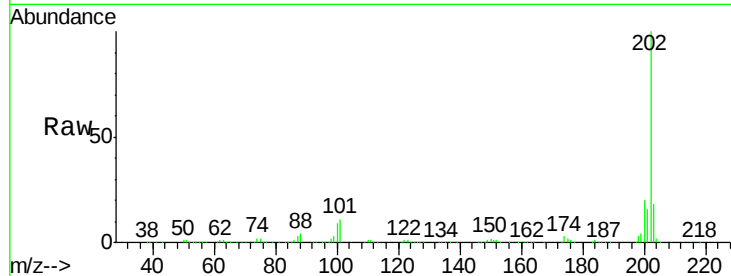
Tgt Ion: 202 Resp: 453938

Ion Ratio Lower Upper

202 100

200 19.8 15.0 22.4

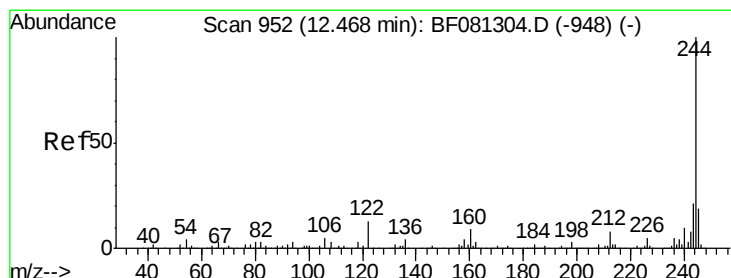
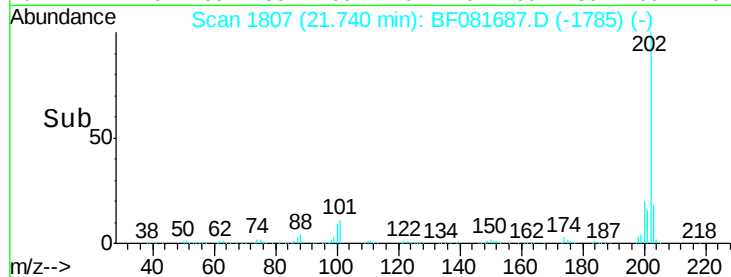
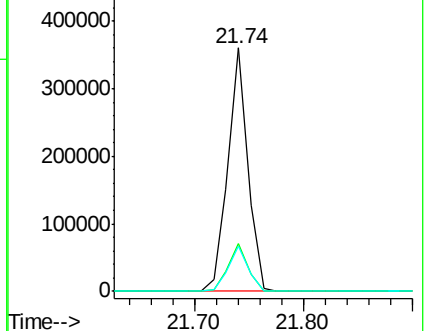
203 18.4 14.1 21.1



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

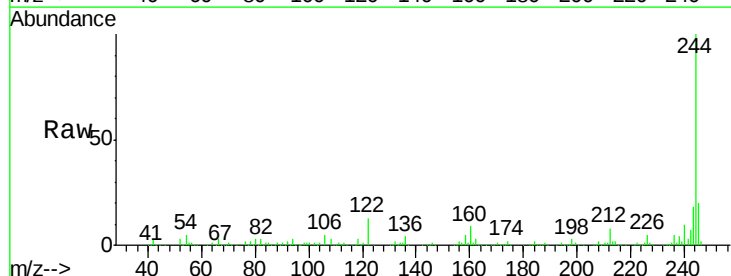
Tgt Ion: 244 Resp: 516632

Ion Ratio Lower Upper

244 100

212 8.2 4.3 6.5#

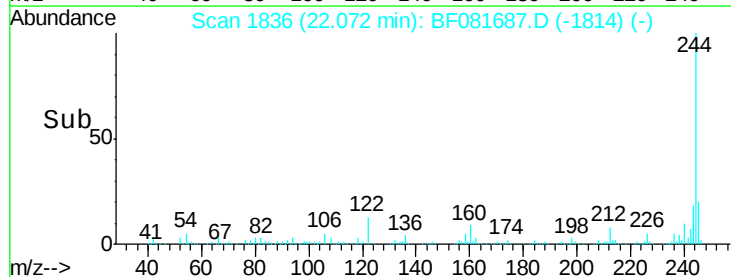
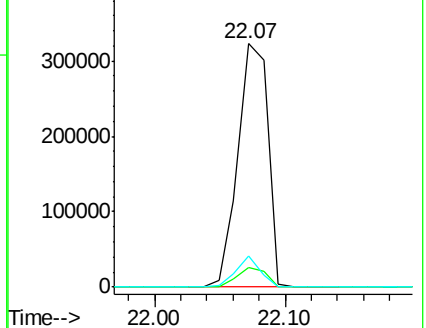
122 13.0 17.4 26.2#

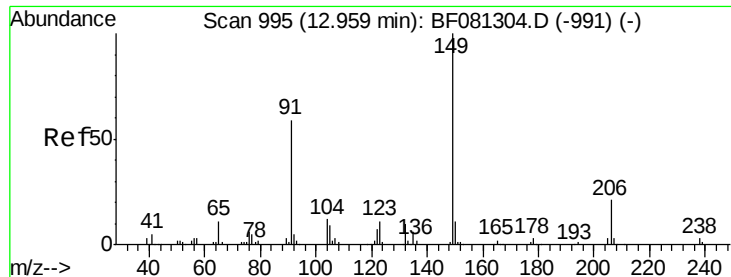


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#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

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

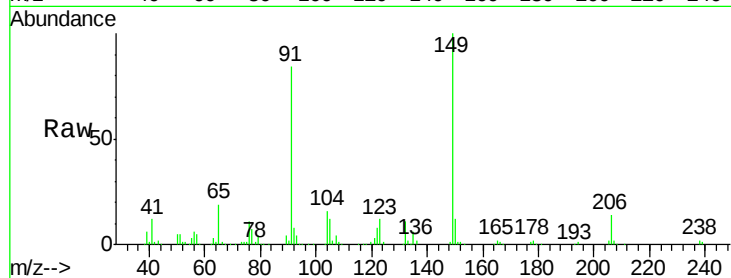
Tgt Ion:149 Resp: 185000

Ion Ratio Lower Upper

149 100

91 84.3 48.6 72.8#

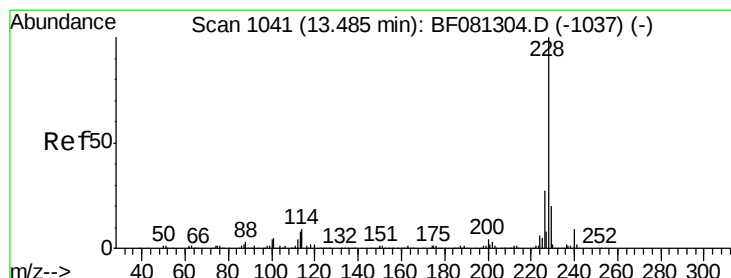
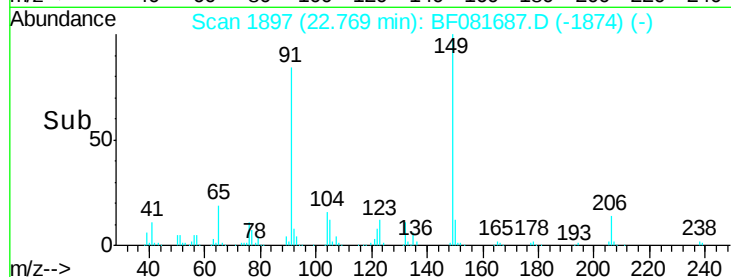
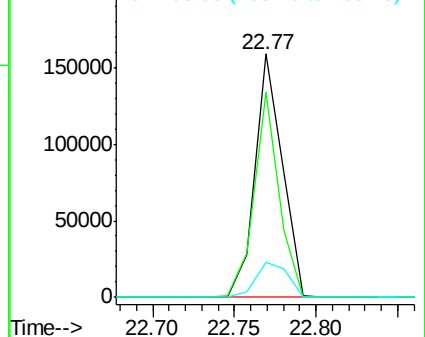
206 14.4 14.9 22.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#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

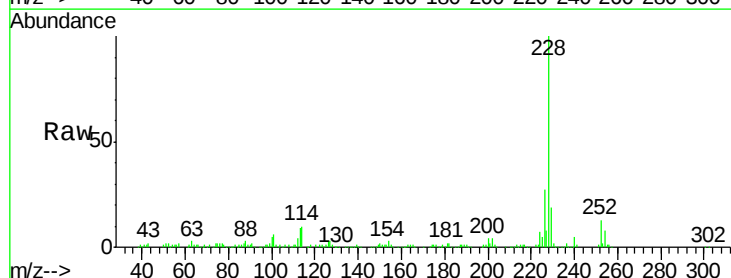
Tgt Ion:228 Resp: 316387

Ion Ratio Lower Upper

228 100

226 27.3 20.0 30.0

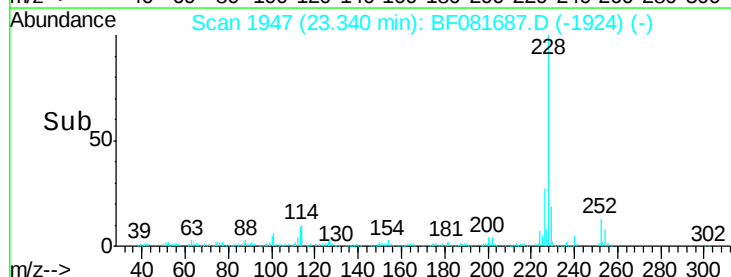
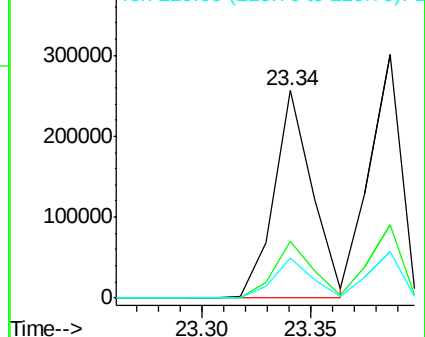
229 19.4 15.4 23.2

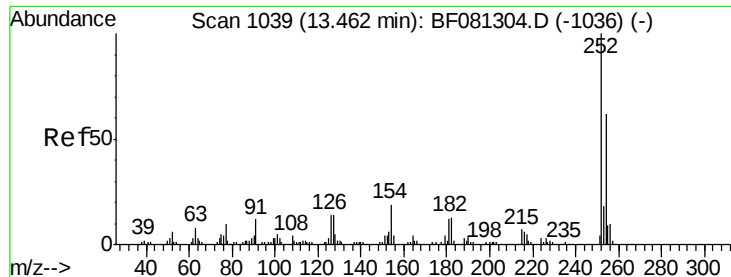


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

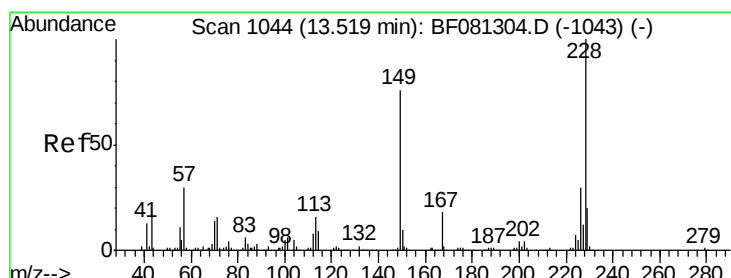
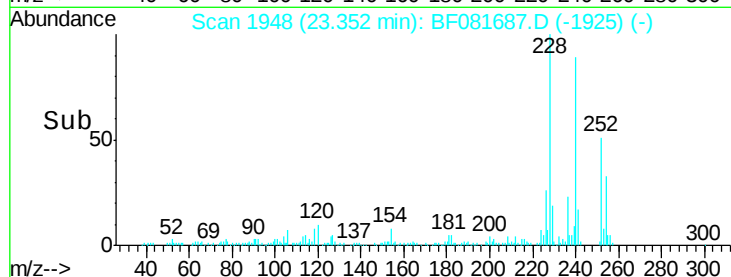
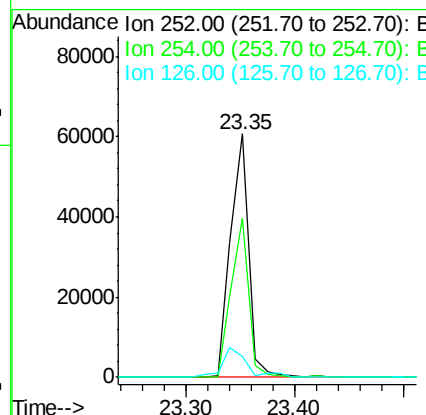
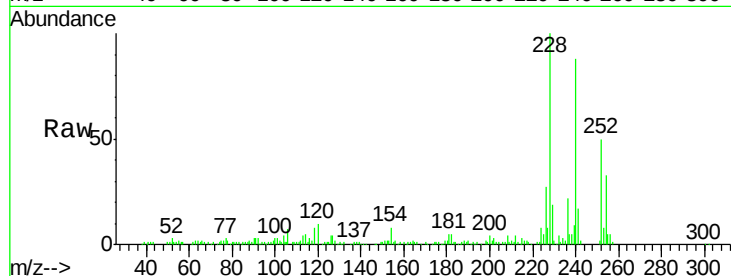




#81
 3,3'-Dichlorobenzidine
 Concen: 32.42 ng
 RT: 23.35 min Scan# 1948
 Delta R.T. -0.03 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

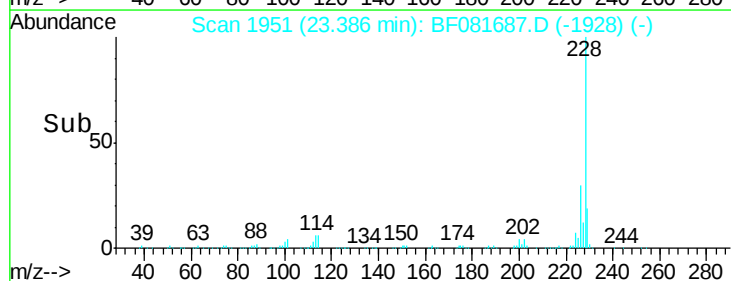
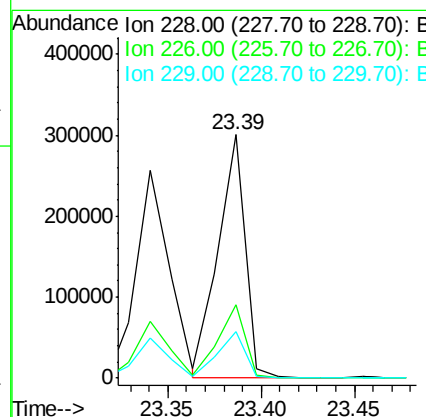
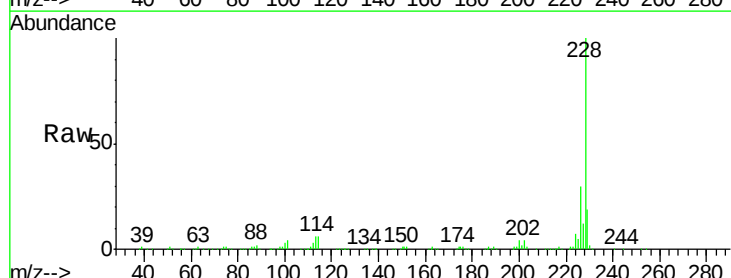
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MSD

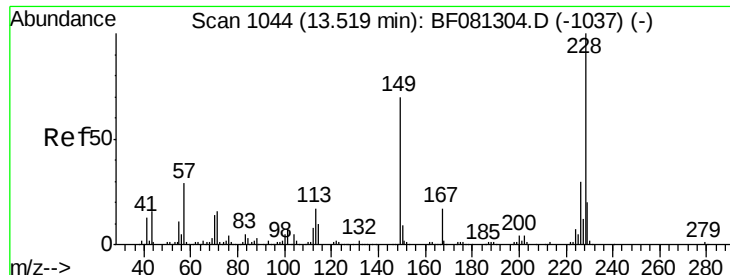
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.4	77.2
126	8.6	16.4	24.6#



#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

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.0	31.4
229	19.3	15.6	23.4

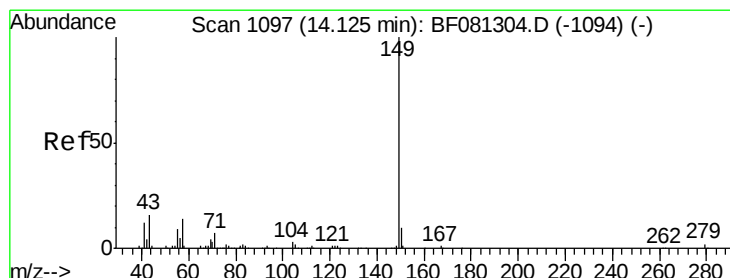
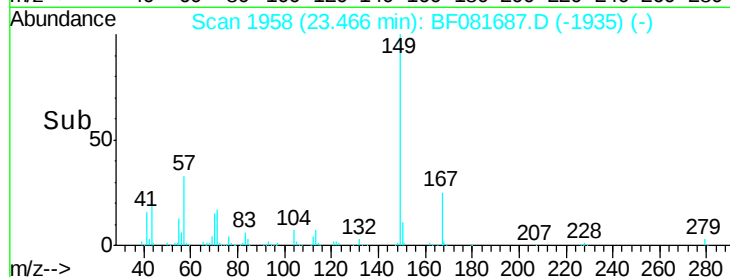
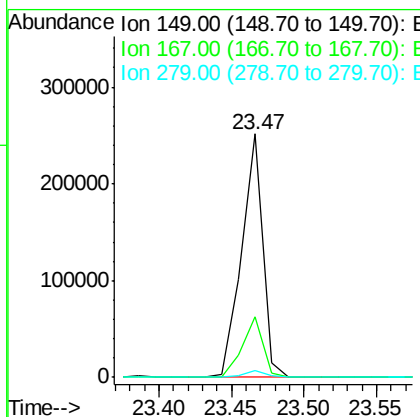
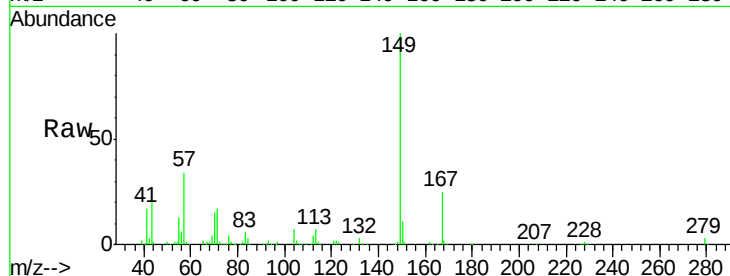




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.52 ng
 RT: 23.47 min Scan# 1958
 Delta R.T. -0.03 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

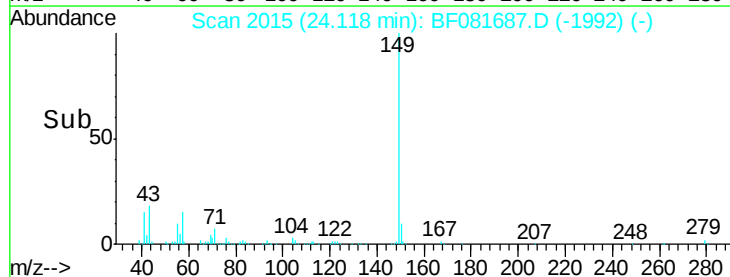
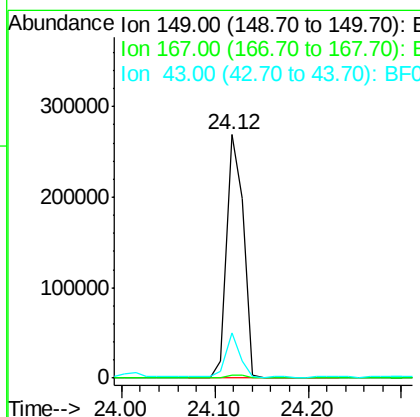
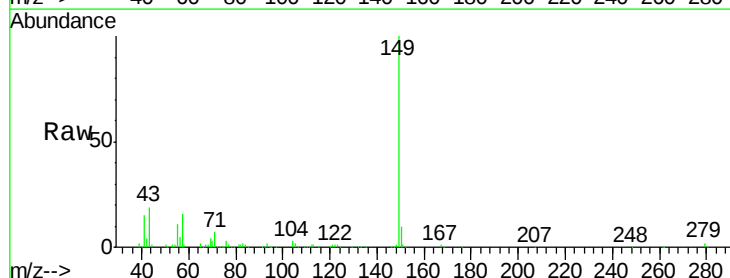
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MSD

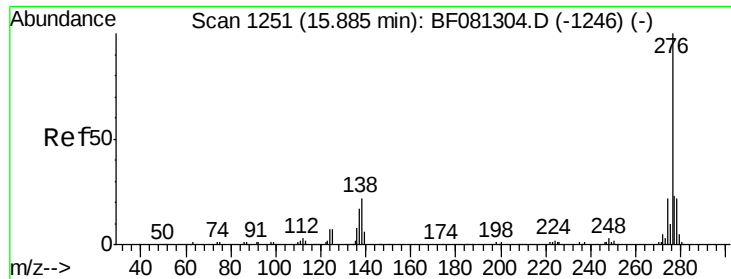
Tgt Ion:149 Resp: 254297
 Ion Ratio Lower Upper
 149 100
 167 25.0 24.2 36.2
 279 2.7 3.8 5.6#



#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

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

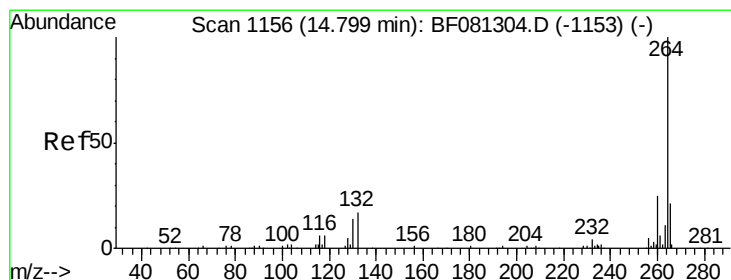
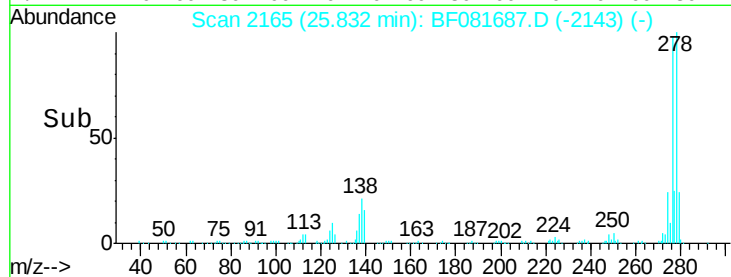
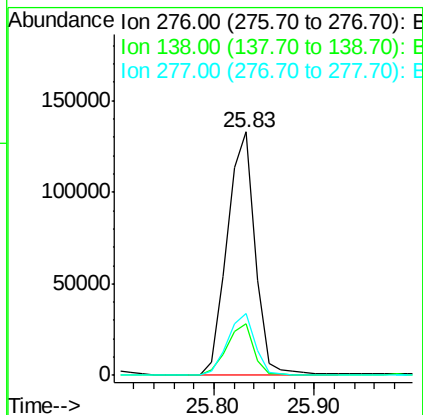
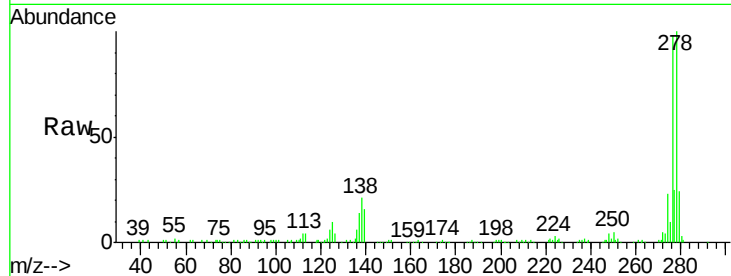




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 61.19 ng
 RT: 25.83 min Scan# 2165
 Delta R.T. -0.04 min
 Lab File: BF081687.D
 Acq: 17 Sep 2015 20:06

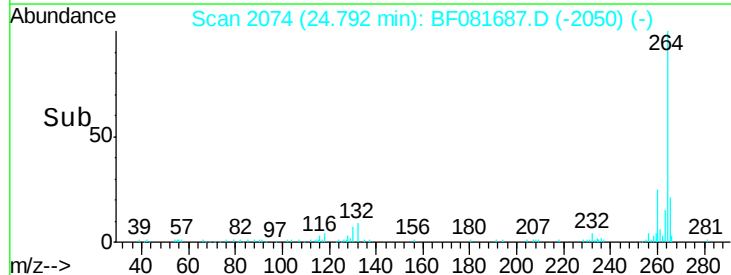
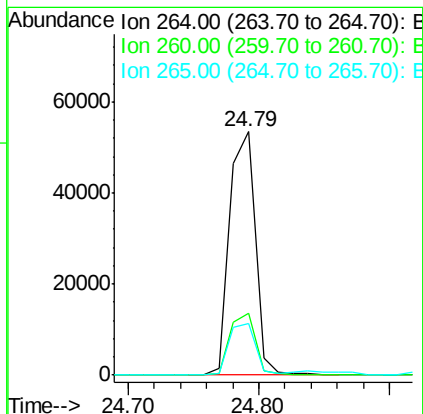
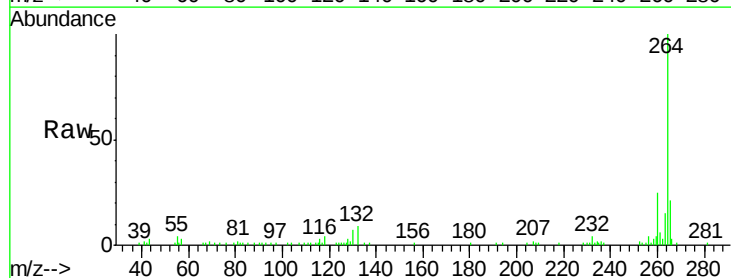
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MSD

Tgt 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

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

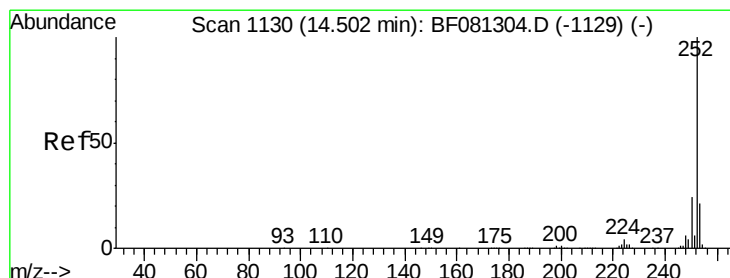
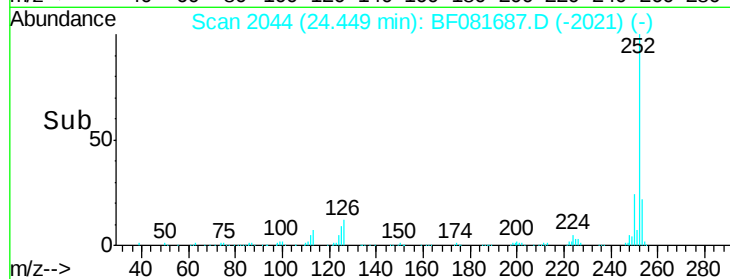
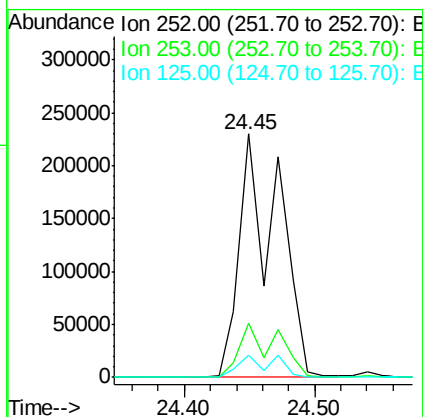
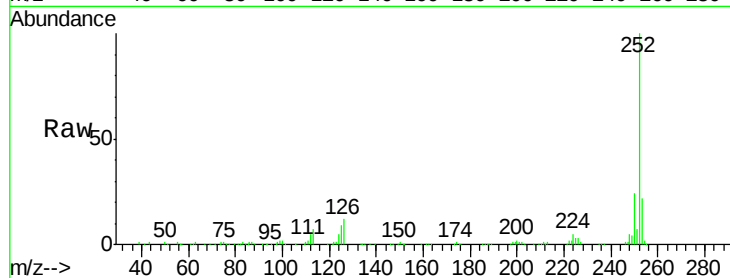




#87
Benzo(b)fluoranthene
Concen: 90.15 ng
RT: 24.45 min Scan# 2044
Delta R.T. -0.03 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

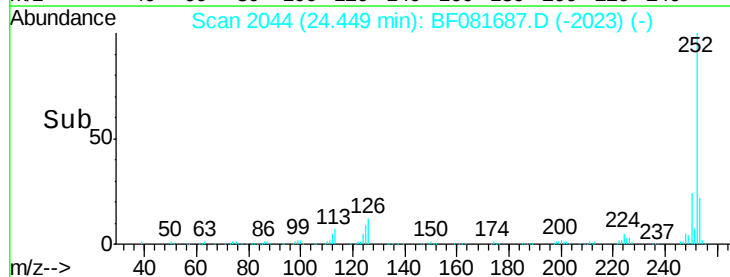
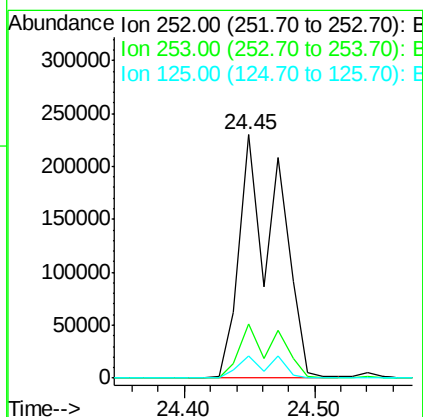
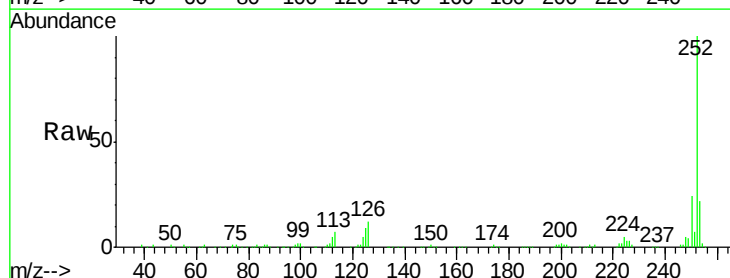
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MSD

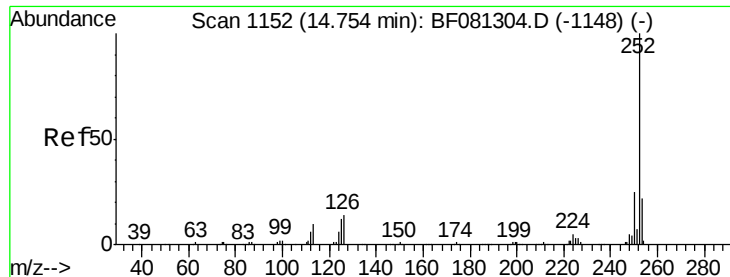
Tgt Ion:252 Resp: 471505
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 9.2 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 108.65 ng
RT: 24.45 min Scan# 2044
Delta R.T. -0.06 min
Lab File: BF081687.D
Acq: 17 Sep 2015 20:06

Tgt Ion:252 Resp: 471505
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 9.2 16.0 24.0#





#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

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD

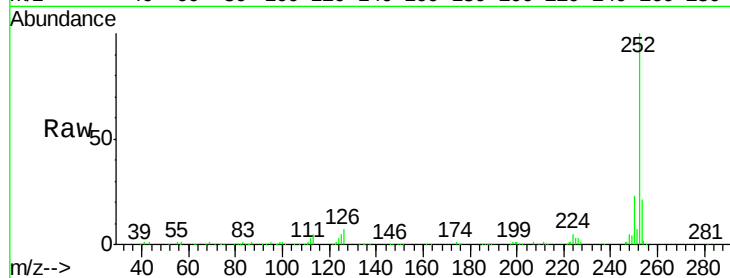
Tgt Ion:252 Resp: 237834

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

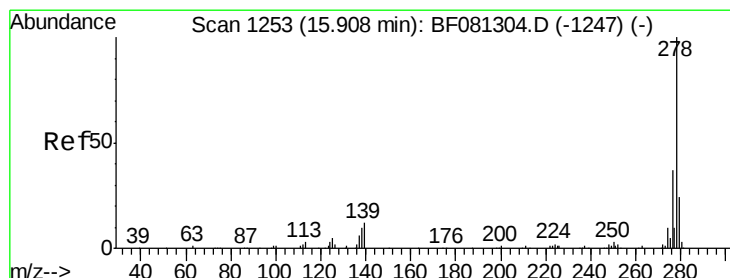
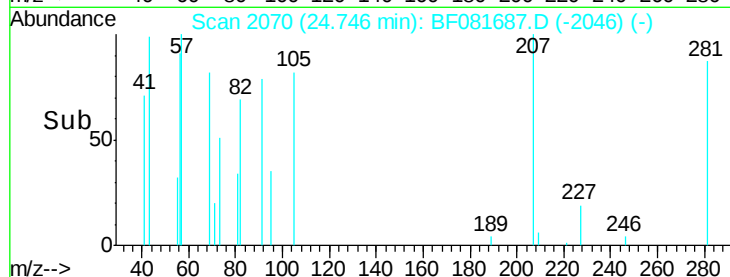
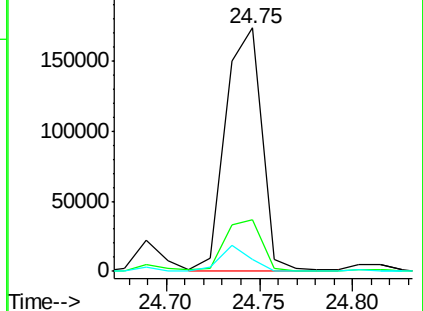
125 4.9 18.0 27.0#



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

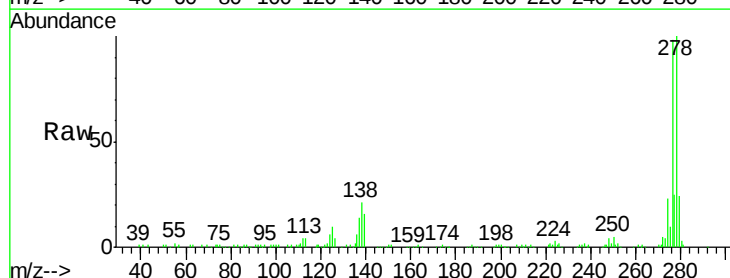
Tgt Ion:278 Resp: 201936

Ion Ratio Lower Upper

278 100

139 15.9 26.3 39.5#

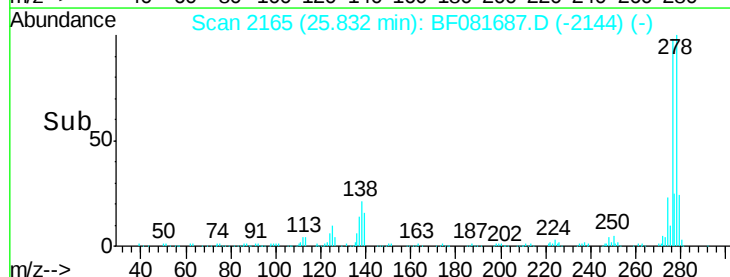
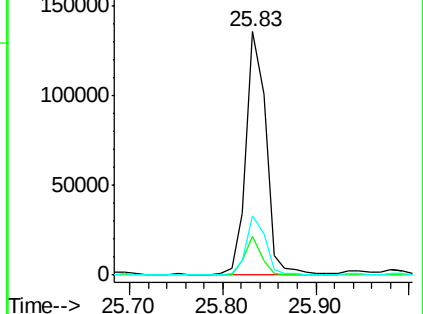
279 24.4 18.2 27.4

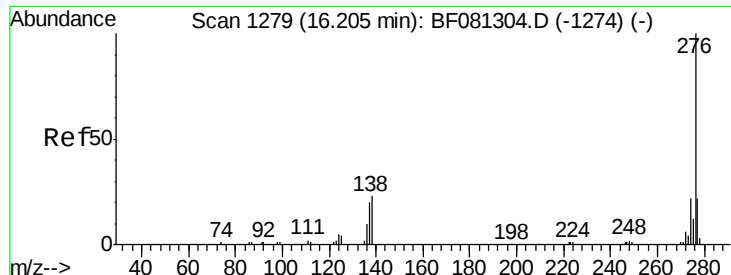


Abundance Ion 278.00 (277.70 to 278.70): E

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

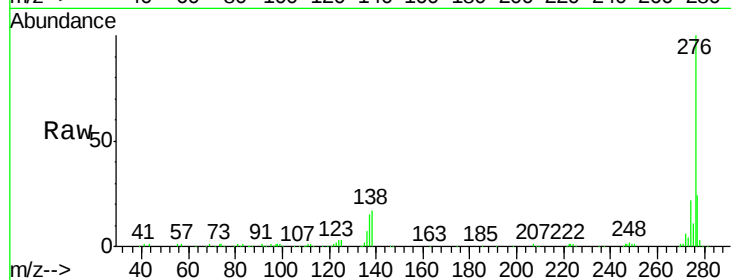
Acq: 17 Sep 2015 20:06

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MSD



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#

