

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050416\
 Data File : BF086683.D
 Acq On : 4 May 2016 18:16
 Operator : UM/SJ
 Sample : H2685-13MSD 4X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)MS

Quant Time: May 05 01:35:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	167911	40.00	ng	0.00
21) Naphthalene-d8	8.02	136	669852	40.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	282103	40.00	ng	0.00
63) Phenanthrene-d10	11.25	188	441094	40.00	ng	0.00
75) Chrysene-d12	13.88	240	354723	40.00	ng	0.00
86) Perylene-d12	15.28	264	351877	40.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	396699	39.11	ng	-0.01
7) Phenol-d6	6.37	99	541887	39.66	ng	0.00
23) Nitrobenzene-d5	7.30	82	337752	25.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	90715	32.87	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	514826	29.92	ng	0.00
78) Terphenyl-d14	12.83	244	315150	17.96	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.26	88	39786	7.59	ng	# 70
3) Pyridine	2.98	79	90416	7.03	ng	# 67
4) n-Nitrosodimethylamine	2.89	42	70262	9.01	ng	# 55
6) Aniline	6.40	93	74224	4.40	ng	# 69
8) 2-Chlorophenol	6.52	128	127812	10.50	ng	96
9) Benzaldehyde	6.28	77	20085	2.95	ng	93
10) Phenol	6.38	94	173413	11.60	ng	89
11) bis(2-Chloroethyl)ether	6.48	93	139813	10.87	ng	96
12) 1,3-Dichlorobenzene	6.91	146	119825	9.27	ng	98
13) 1,4-Dichlorobenzene	6.75	146	136939	10.25	ng	95
14) 1,2-Dichlorobenzene	6.91	146	131388	11.29	ng	96
15) Benzyl Alcohol	6.89	79	98257	11.12	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.02	45	283764	10.79	ng	88
17) 2-Methylphenol	7.00	107	103453	10.56	ng	96
18) Hexachloroethane	7.25	117	47532	9.42	ng	# 74
19) n-Nitroso-di-n-propylamine	7.15	70	105268	11.28	ng	# 72
20) 3+4-Methylphenols	7.15	107	125986	10.98	ng	# 62
22) Acetophenone	7.15	105	178090	11.41	ng	# 95
24) Nitrobenzene	7.32	77	142939	10.61	ng	94
25) Isophorone	7.56	82	268835	11.07	ng	96
26) 2-Nitrophenol	7.64	139	60623	10.08	ng	92
27) 2,4-Dimethylphenol	7.69	122	116161	11.00	ng	94
28) bis(2-Chloroethoxy)methane	7.78	93	163591	12.24	ng	98
29) 2,4-Dichlorophenol	7.88	162	94016	10.36	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	105734	10.44	ng	93
31) Naphthalene	8.04	128	381267	11.14	ng	99
32) Benzoic acid	7.69	122	116161	31.67	ng	# 19
33) 4-Chloroaniline	8.10	127	72436	5.46	ng	# 94
34) Hexachlorobutadiene	8.17	225	63769	11.09	ng	96
35) Caprolactam	8.43	113	26432	9.41	ng	# 52
36) 4-Chloro-3-methylphenol	8.58	107	99223	9.58	ng	89
37) 2-Methylnaphthalene	8.74	142	222509	11.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	92229	11.29	ng	99
40) Hexachlorocyclopentadiene	8.89	237	10544	8.74	ng	95

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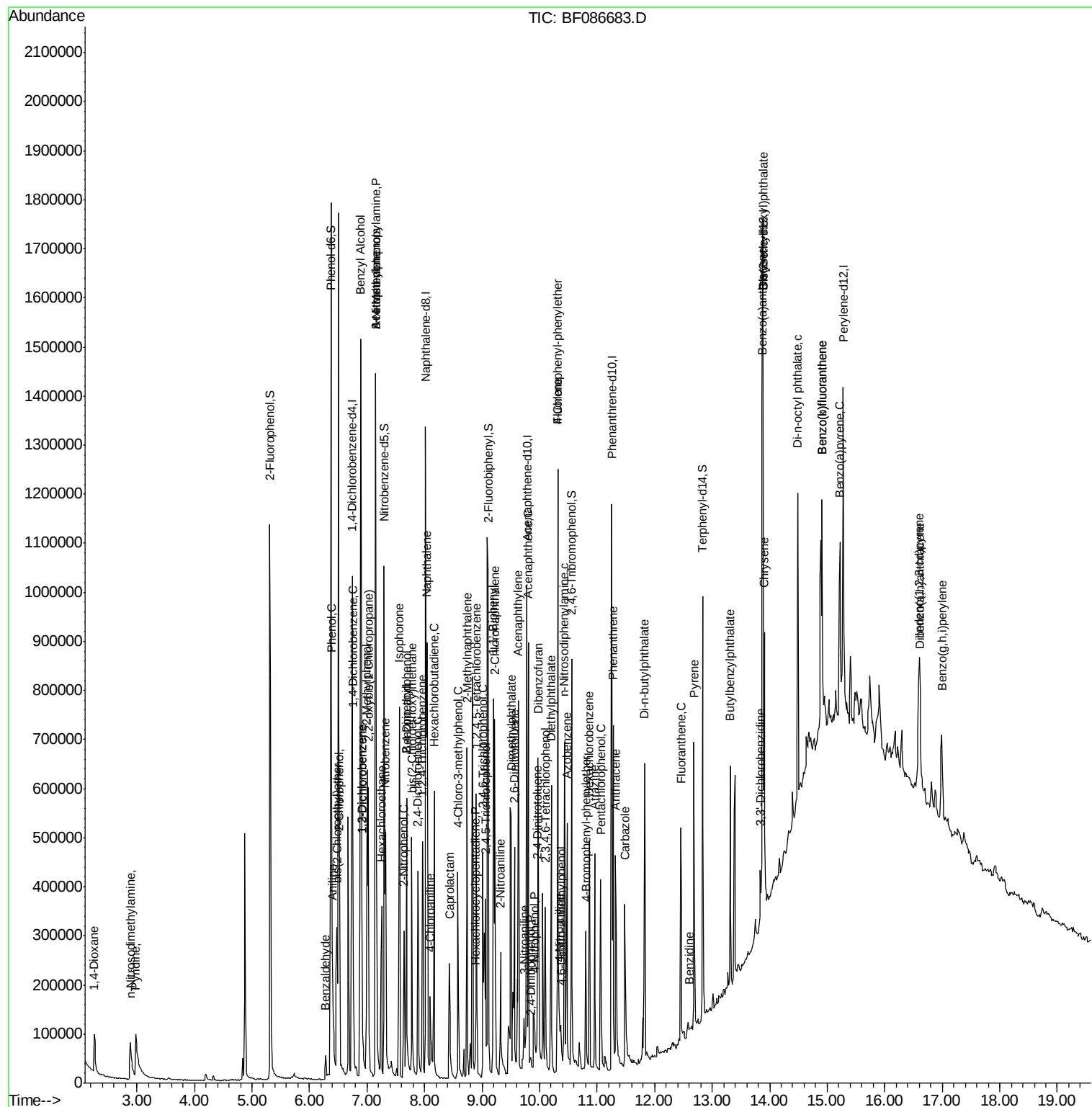
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	55439	10.68	ng	95
43) 2,4,5-Trichlorophenol	9.06	196	58049	10.70	ng	97
45) 1,1'-Biphenyl	9.20	154	272649	11.82	ng	96
46) 2-Chloronaphthalene	9.22	162	200933	11.29	ng	93
47) 2-Nitroaniline	9.32	65	64967	10.27	ng	90
48) Acenaphthylene	9.63	152	301869	11.43	ng	98
49) Dimethylphthalate	9.50	163	322484	15.33	ng	98
50) 2,6-Dinitrotoluene	9.56	165	49322	10.93	ng	96
51) Acenaphthene	9.80	154	188574	10.82	ng	98
52) 3-Nitroaniline	9.73	138	41974	8.18	ng	# 98
53) 2,4-Dinitrophenol	9.85	184	5916	13.90	ng	# 52
54) Dibenzofuran	9.97	168	255072	11.81	ng	95
55) 4-Nitrophenol	9.90	139	36446	12.18	ng	79
56) 2,4-Dinitrotoluene	9.96	165	57229	10.23	ng	95
57) Fluorene	10.32	166	199149	11.38	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	46221	11.60	ng	96
59) Diethylphthalate	10.20	149	227819	11.45	ng	96
60) 4-Chlorophenyl-phenylether	10.32	204	97232	11.68	ng	88
61) 4-Nitroaniline	10.34	138	40213	8.16	ng	# 75
62) Azobenzene	10.48	77	232521	10.54	ng	89
64) 4,6-Dinitro-2-methylphenol	10.37	198	7704	9.06	ng	# 78
65) n-Nitrosodiphenylamine	10.43	169	166070	11.86	ng	100
66) 4-Bromophenyl-phenylether	10.81	248	49320	11.25	ng	# 83
67) Hexachlorobenzene	10.86	284	55667	10.41	ng	# 81
68) Atrazine	10.96	200	46666	10.87	ng	92
69) Pentachlorophenol	11.06	266	44142	21.60	ng	98
70) Phenanthrene	11.28	178	253654	10.71	ng	99
71) Anthracene	11.32	178	255731	10.31	ng	99
72) Carbazole	11.48	167	216398	10.04	ng	99
73) Di-n-butylphthalate	11.82	149	286801	11.21	ng	99
74) Fluoranthene	12.45	202	240119	10.11	ng	96
76) Benzidine	12.60	184	3445	7.40	ng	# 41
77) Pyrene	12.68	202	248933	8.80	ng	98
79) Butylbenzylphthalate	13.31	149	101457	8.57	ng	# 68
80) Benzo(a)anthracene	13.87	228	220019	10.97	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	44082	3.50	ng	98
82) Chrysene	13.91	228	220963	10.32	ng	100
83) Bis(2-ethylhexyl)phthalate	13.88	149	137171	10.01	ng	# 99
84) Di-n-octyl phthalate	14.49	149	269010	13.34	ng	# 85
85) Indeno(1,2,3-cd)pyrene	16.59	276	195312	10.64	ng	93
87) Benzo(b)fluoranthene	14.91	252	454168	21.48	ng	97
88) Benzo(k)fluoranthene	14.91	252	454168	22.80	ng	98
89) Benzo(a)pyrene	15.22	252	200925	10.32	ng	96
90) Dibenzo(a,h)anthracene	16.61	278	161606	8.64	ng	98
91) Benzo(g,h,i)perylene	16.99	276	150897	7.68	ng	93

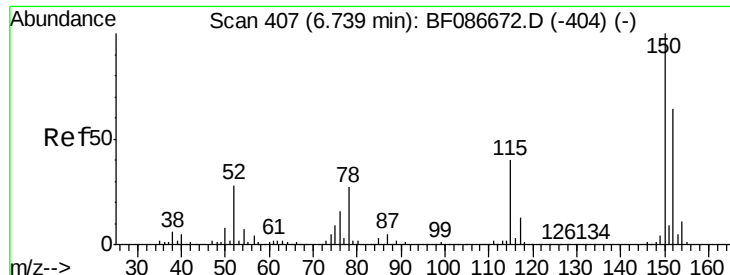
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

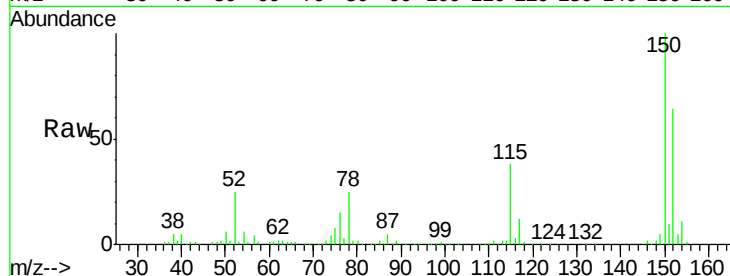
Tgt Ion:152 Resp: 167911

Ion Ratio Lower Upper

152 100

150 155.5 125.8 188.6

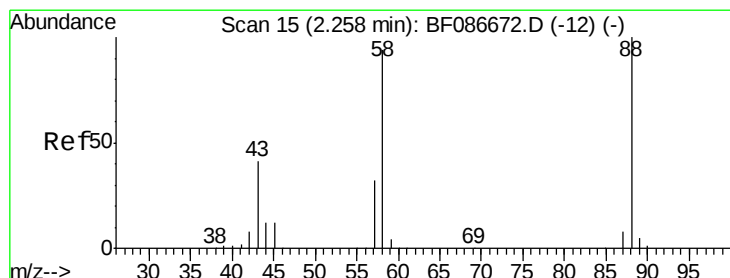
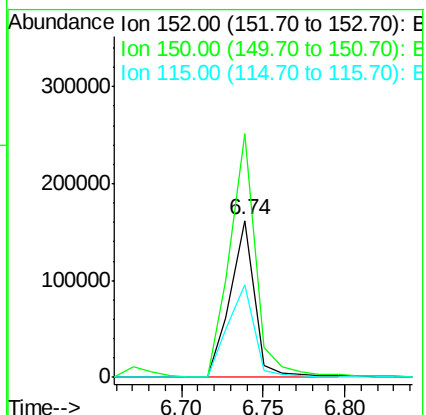
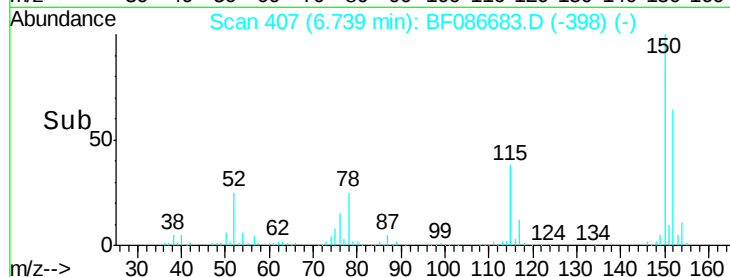
115 58.8 51.5 77.3



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: 7.59 ng

RT: 2.26 min Scan# 15

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

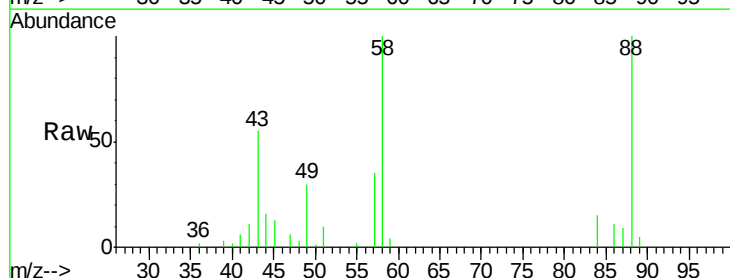
Tgt Ion: 88 Resp: 39786

Ion Ratio Lower Upper

88 100

58 98.5 59.6 89.4#

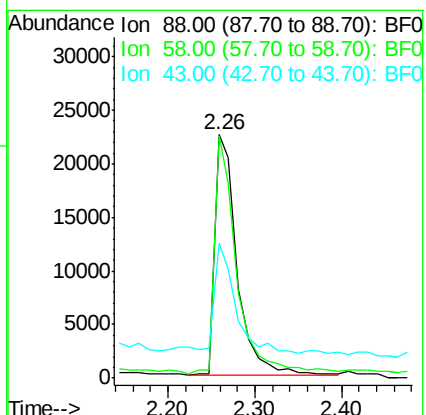
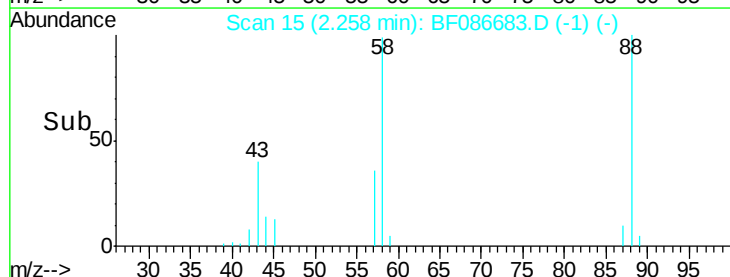
43 45.4 21.8 32.6#

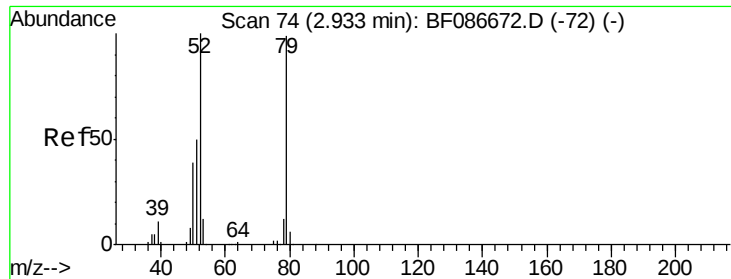


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 7.03 ng

RT: 2.98 min Scan# 78

Delta R.T. 0.05 min

Lab File: BF086683.D

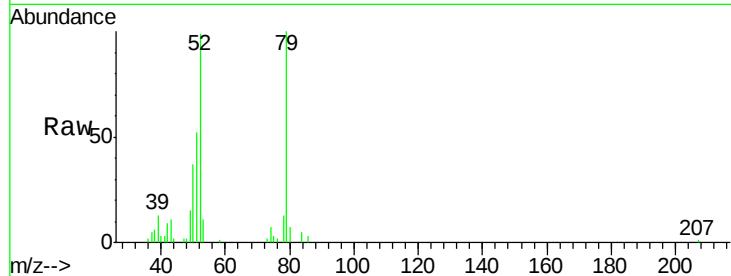
Acq: 4 May 2016 18:16

Instrument :

BNA_F

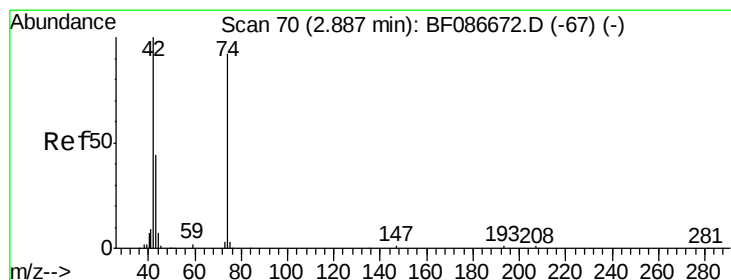
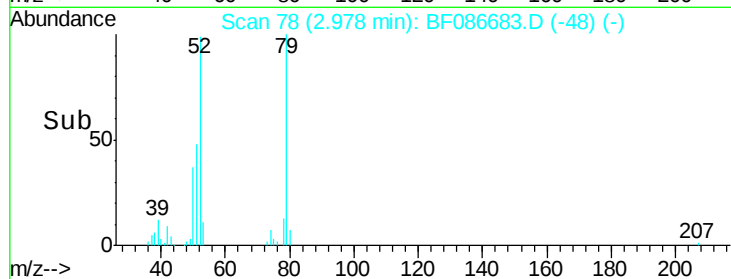
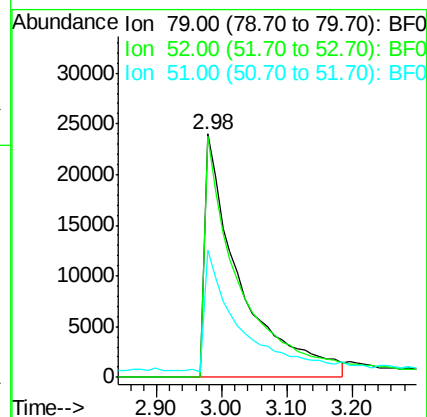
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Tgt Ion: 79 Resp: 90416

Ion	Ratio	Lower	Upper
79	100		
52	98.9	55.9	83.9#
51	52.1	28.1	42.1#



#4

n-Nitrosodimethylamine

Concen: 9.01 ng

RT: 2.89 min Scan# 70

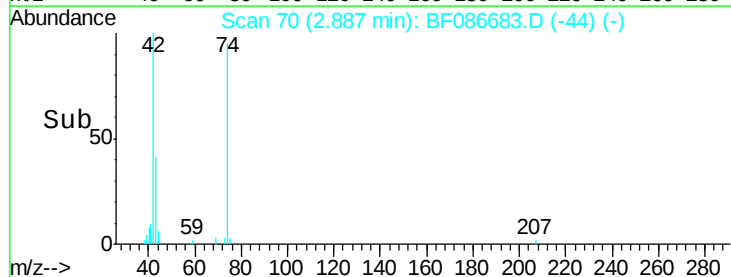
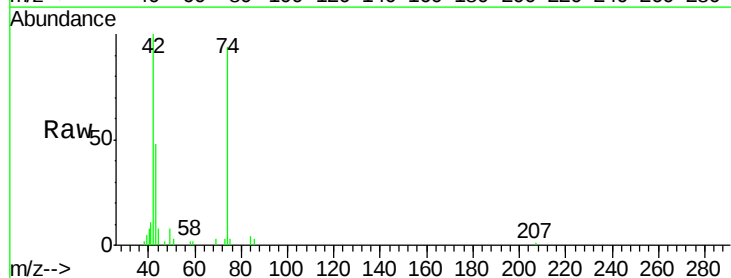
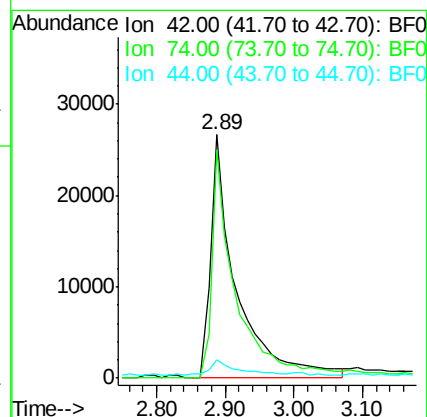
Delta R.T. 0.00 min

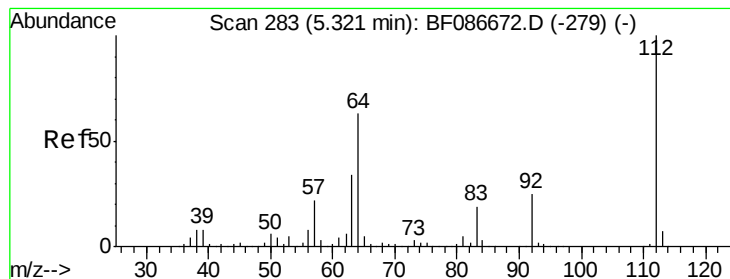
Lab File: BF086683.D

Acq: 4 May 2016 18:16

Tgt Ion: 42 Resp: 70262

Ion	Ratio	Lower	Upper
42	100		
74	93.6	123.4	185.0#
44	7.5	5.8	8.6





#5

2-Fluorophenol

Concen: 39.11 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

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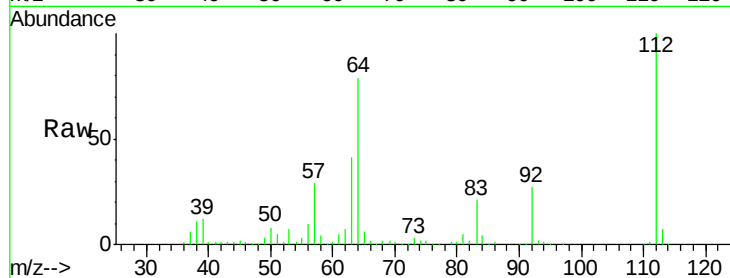
Tgt Ion: 112 Resp: 396699

Ion Ratio Lower Upper

112 100

64 79.0 52.1 78.1#

63 41.0 25.7 38.5#



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

300000

200000

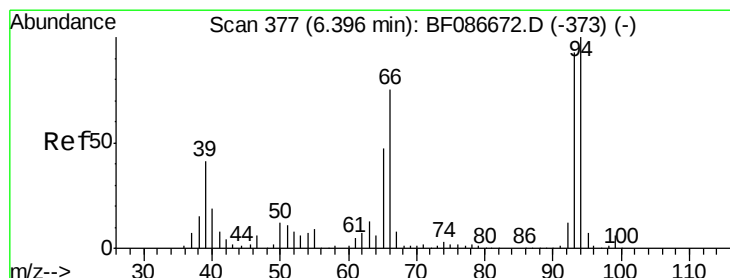
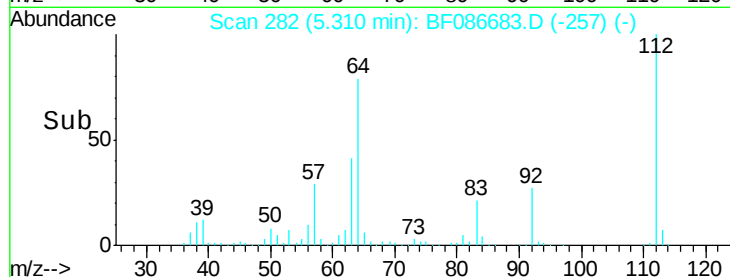
100000

0

5.31

5.20 5.40 5.60

Time-->



#6

Aniline

Concen: 4.40 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

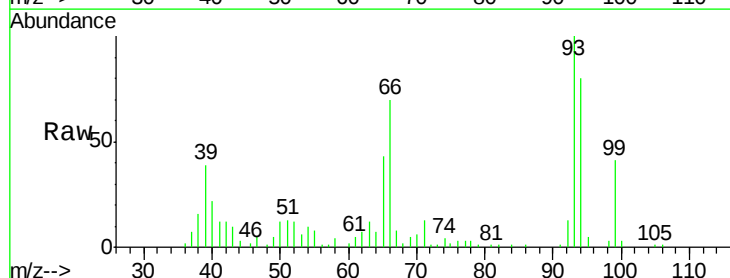
Tgt Ion: 93 Resp: 74224

Ion Ratio Lower Upper

93 100

66 69.5 39.0 58.6#

65 42.5 20.6 31.0#



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

100000

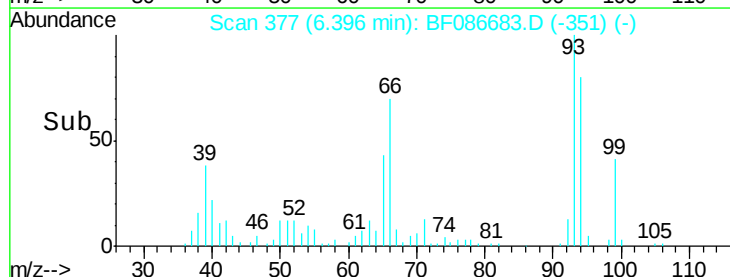
50000

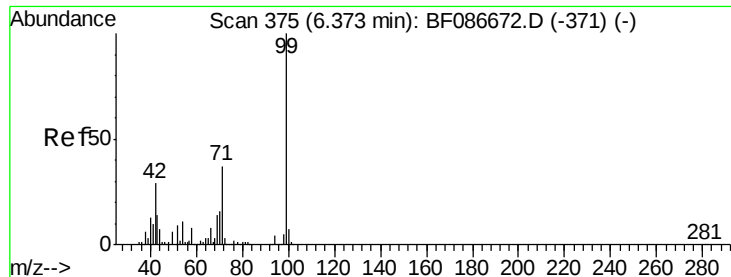
0

6.40

6.35 6.40 6.45

Time-->





#7

Phenol-d6

Concen: 39.66 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

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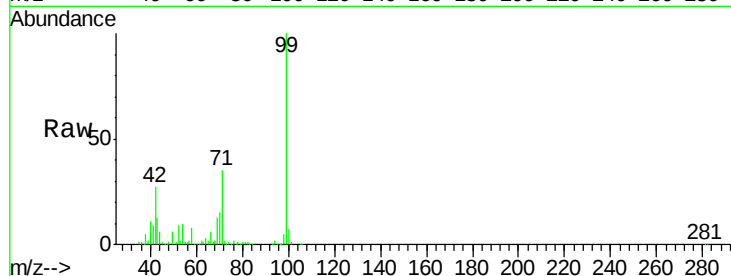
Tgt Ion: 99 Resp: 541887

Ion Ratio Lower Upper

99 100

42 26.6 13.6 20.4#

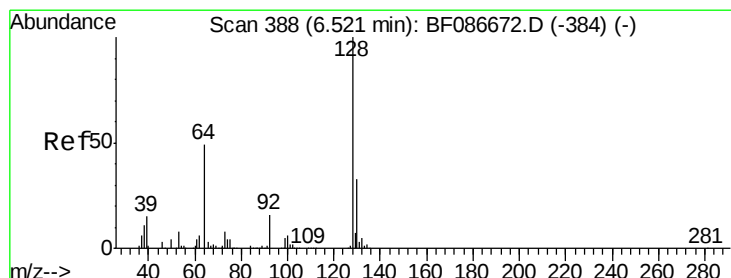
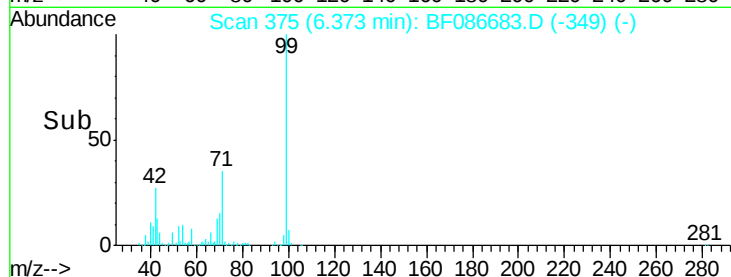
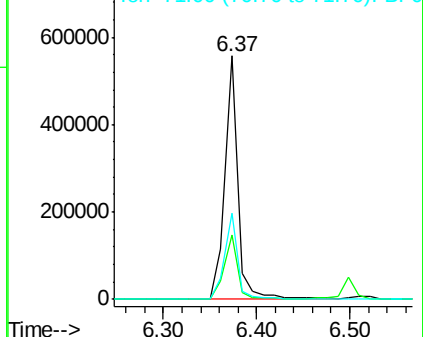
71 35.3 24.6 36.8



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: 10.50 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

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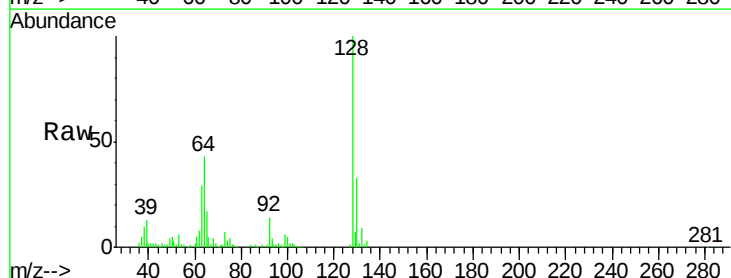
Tgt Ion: 128 Resp: 127812

Ion Ratio Lower Upper

128 100

130 33.2 12.5 52.5

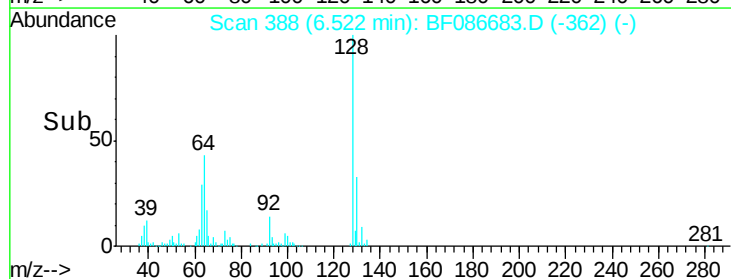
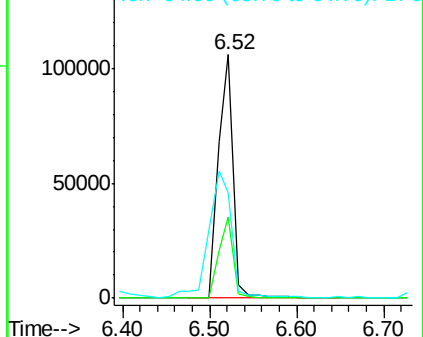
64 43.2 27.3 67.3

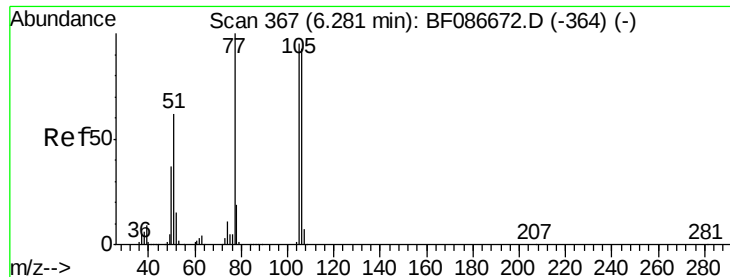


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.95 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

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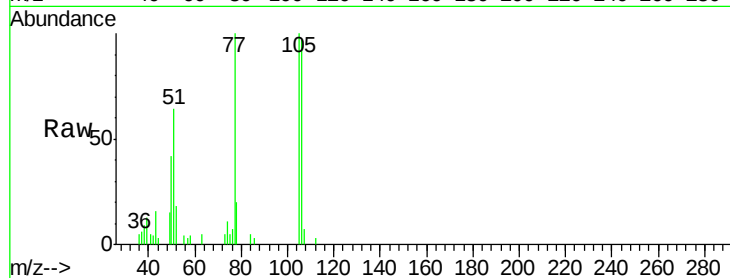
Tgt Ion: 77 Resp: 20085

Ion Ratio Lower Upper

77 100

105 100.0 72.7 112.7

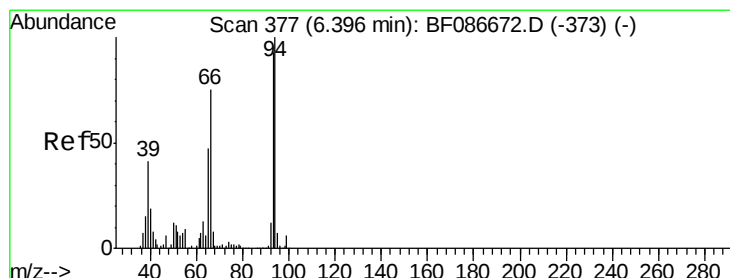
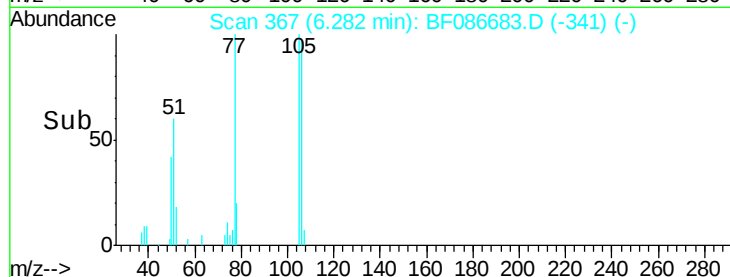
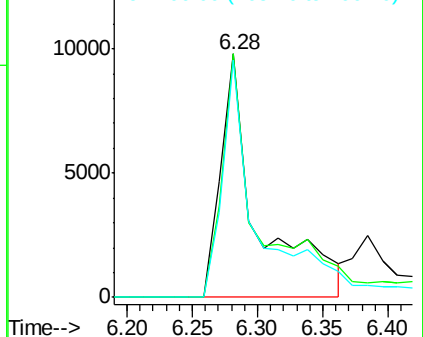
106 97.5 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 11.60 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

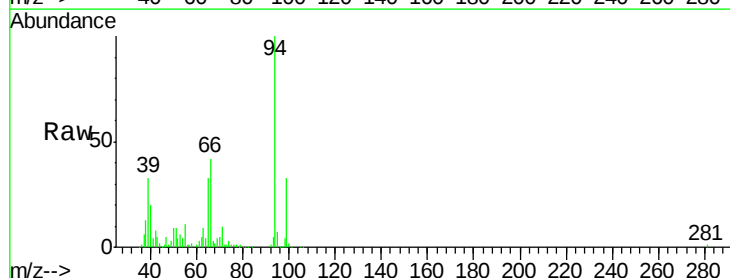
Tgt Ion: 94 Resp: 173413

Ion Ratio Lower Upper

94 100

65 32.6 7.2 47.2

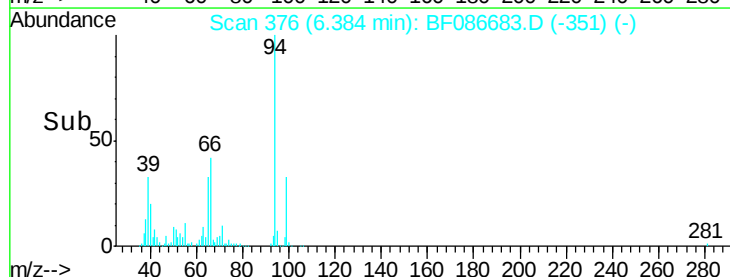
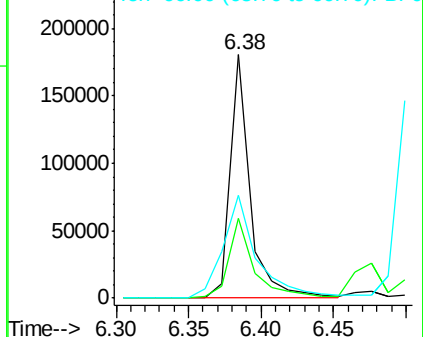
66 42.0 14.9 54.9

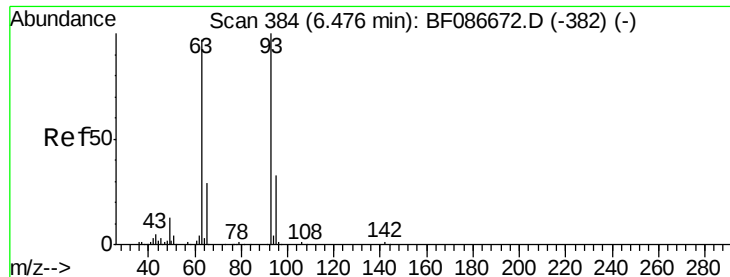


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

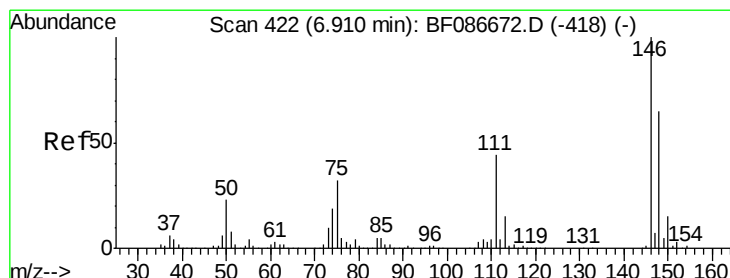
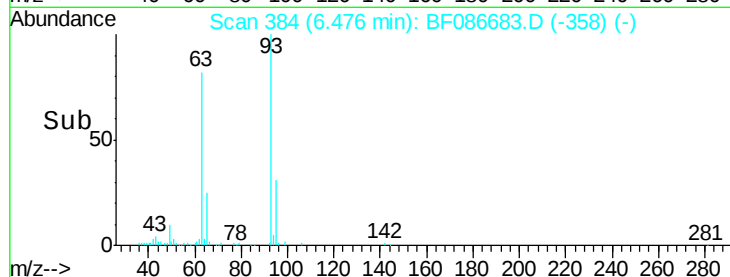
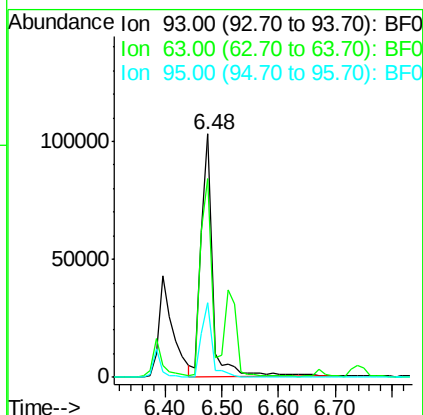
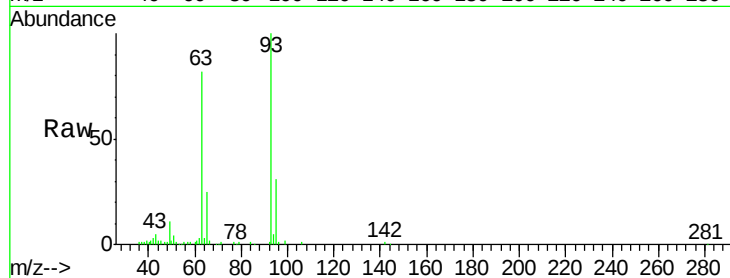




#11
bis(2-Chloroethyl)ether
Concen: 10.87 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

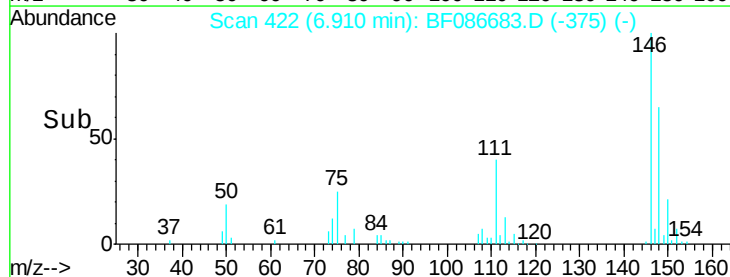
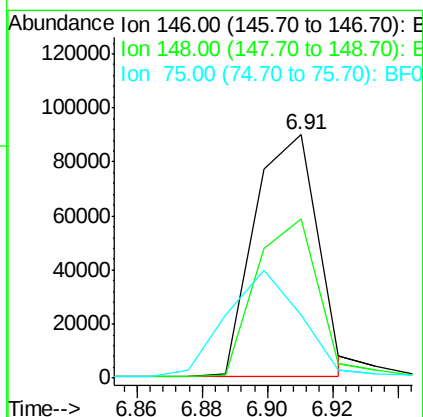
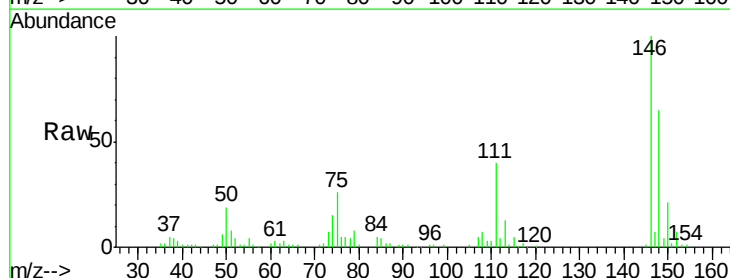
Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

Tgt Ion: 93 Resp: 139813
Ion Ratio Lower Upper
93 100
63 81.8 58.0 98.0
95 30.7 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 9.27 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.24 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion: 146 Resp: 119825
Ion Ratio Lower Upper
146 100
148 65.2 52.4 78.6
75 26.1 22.8 34.2

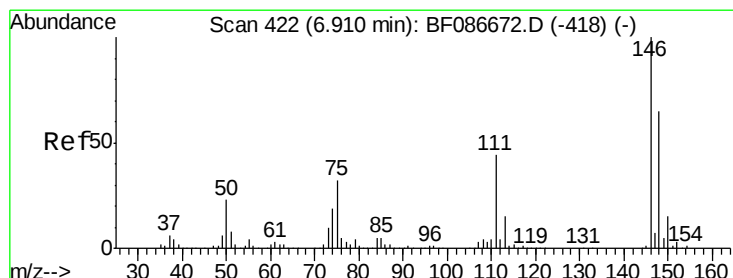
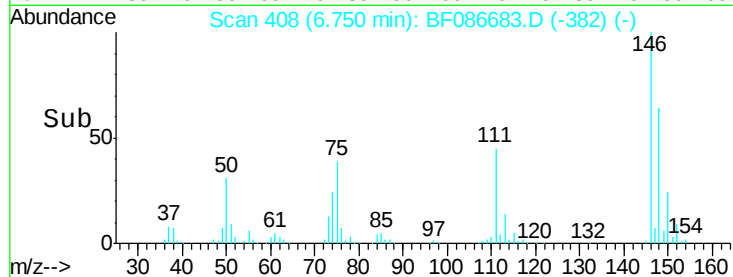
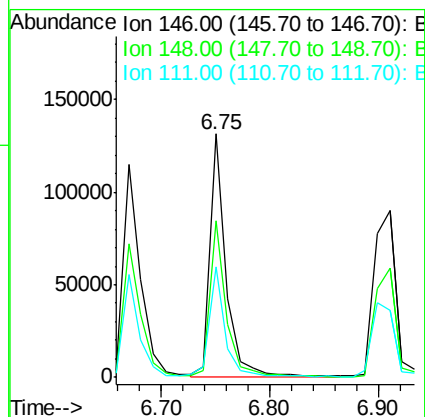
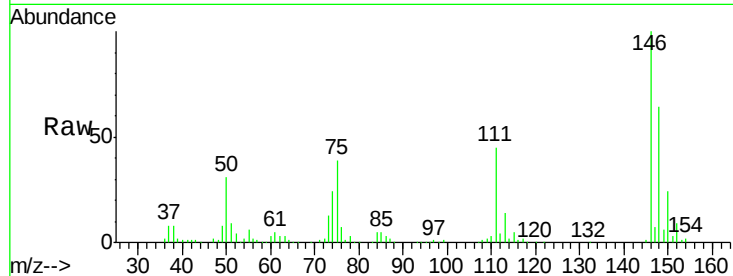




#13
 1,4-Dichlorobenzene
 Concen: 10.25 ng
 RT: 6.75 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

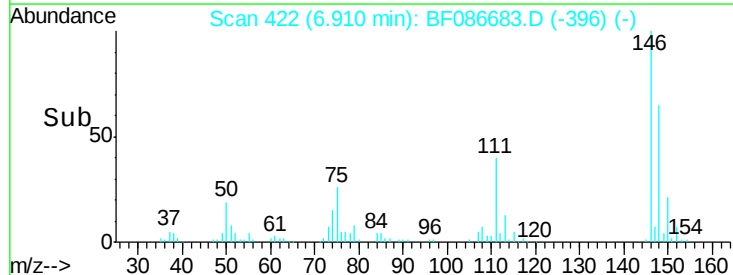
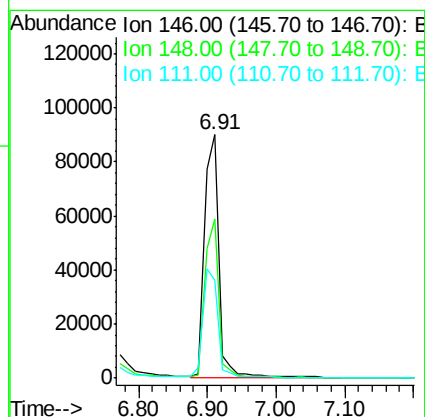
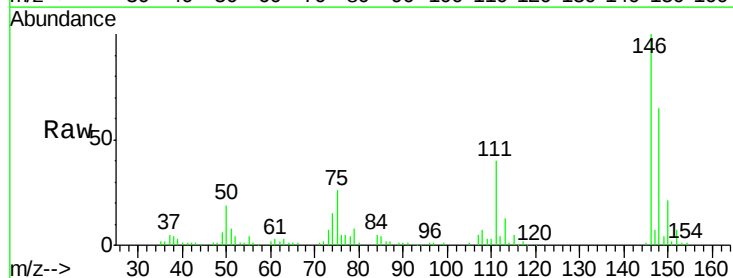
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)MS

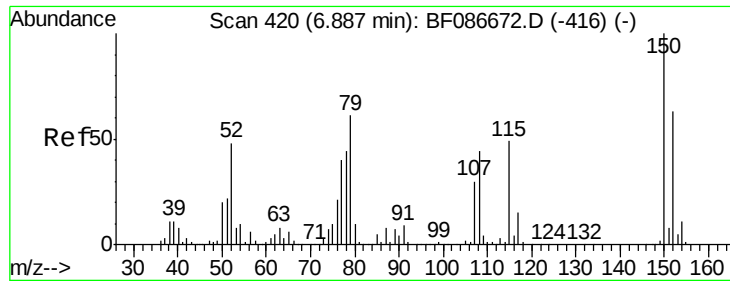
Tgt Ion:146 Resp: 136939
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.4
 111 45.3 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 11.29 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Tgt Ion:146 Resp: 131388
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.0 76.6
 111 40.0 36.2 54.4

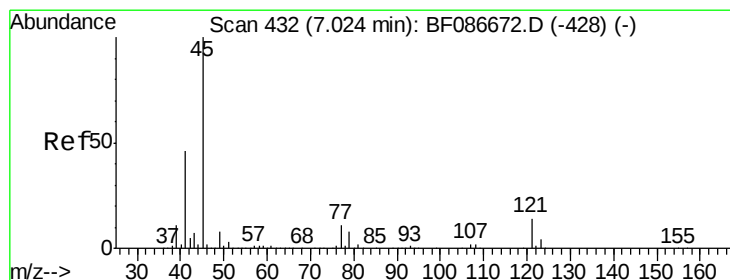
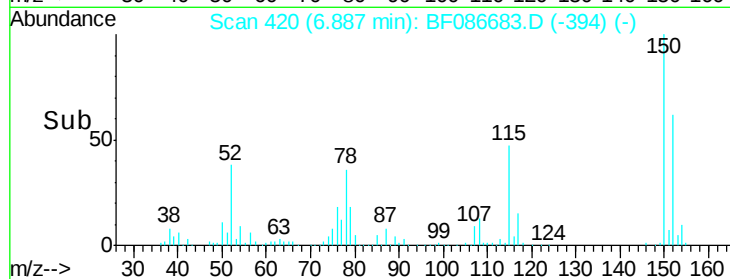
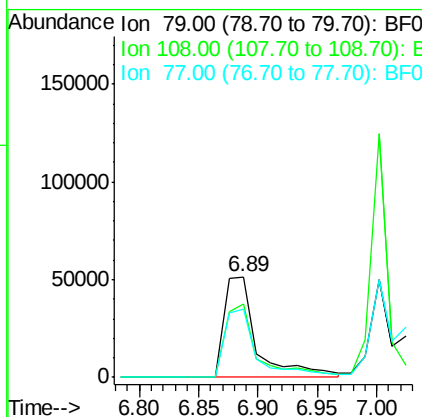
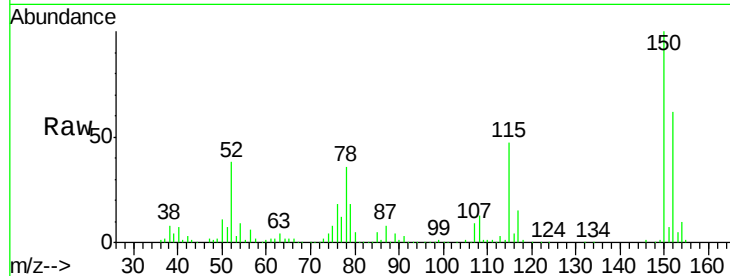




#15
Benzyl Alcohol
Concen: 11.12 ng
RT: 6.89 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

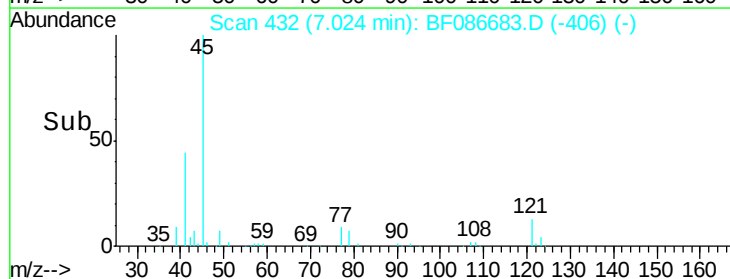
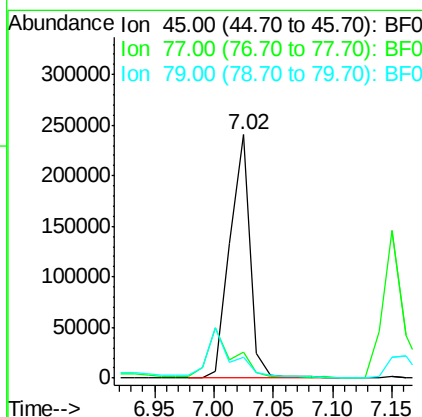
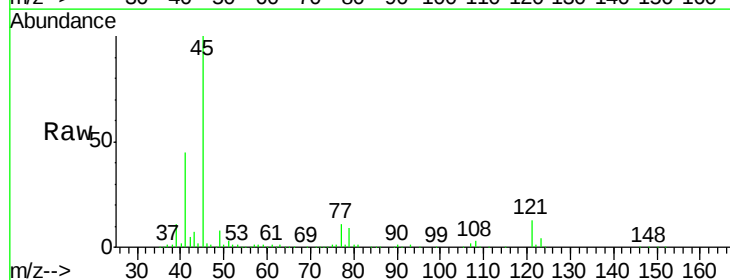
Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

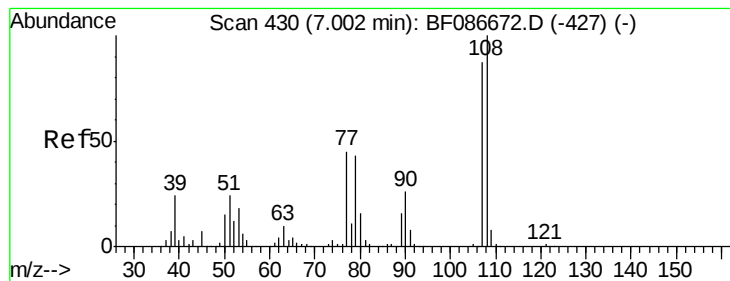
Tgt Ion: 79 Resp: 98257
Ion Ratio Lower Upper
79 100
108 73.6 68.4 102.6
77 67.8 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.79 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion: 45 Resp: 283764
Ion Ratio Lower Upper
45 100
77 10.8 0.0 36.4
79 8.8 0.0 33.4





#17

2-Methylphenol

Concen: 10.56 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

Tgt Ion:107 Resp: 103453

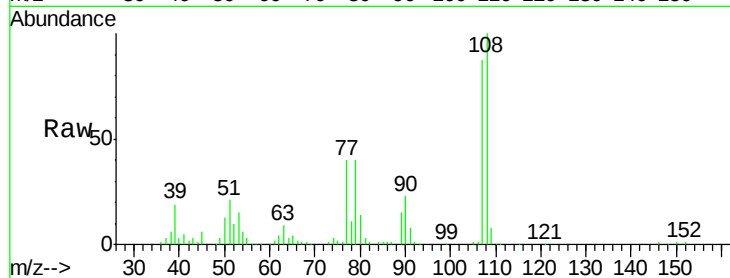
Ion Ratio Lower Upper

107 100

108 115.5 93.7 140.5

77 46.6 33.4 50.0

79 46.6 34.3 51.5

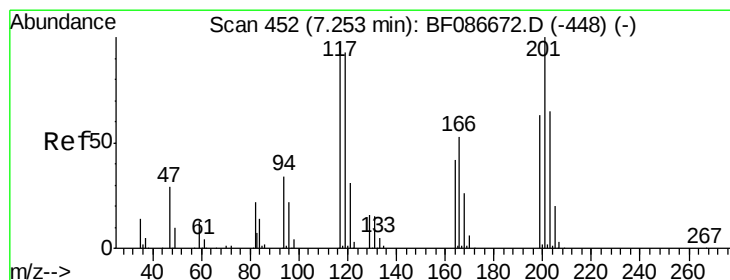
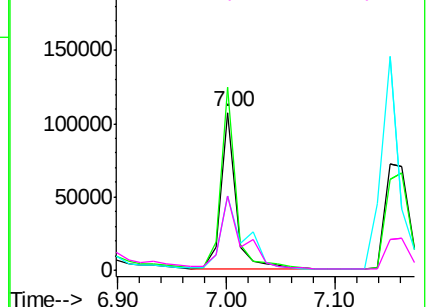
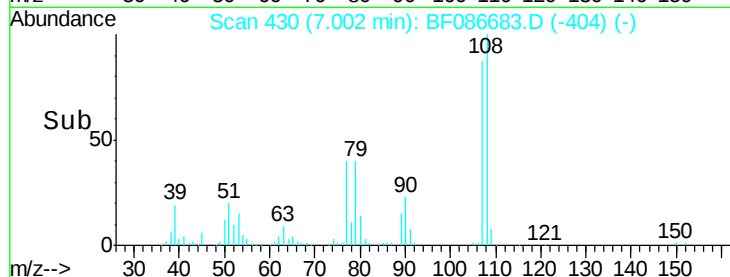


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 9.42 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

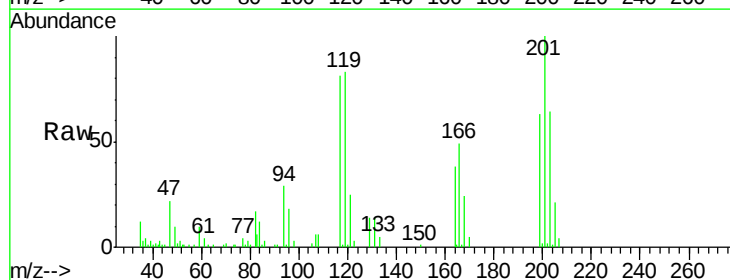
Tgt Ion:117 Resp: 47532

Ion Ratio Lower Upper

117 100

119 101.8 76.5 114.7

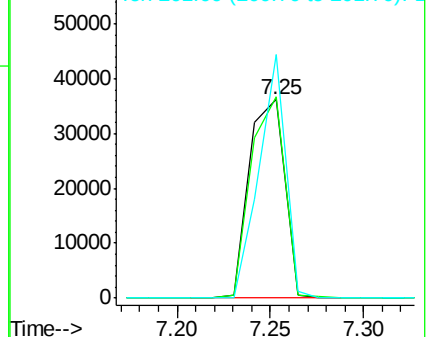
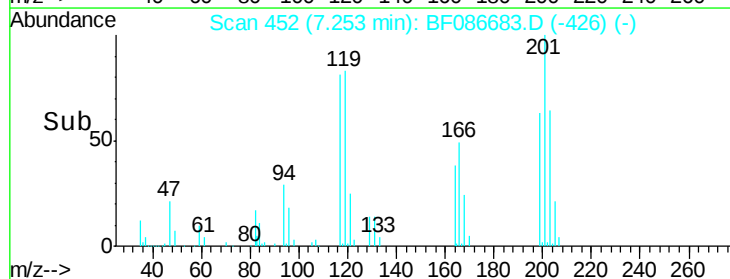
201 122.7 63.0 94.6#

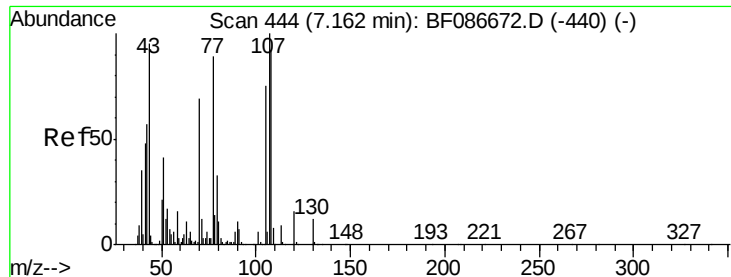


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

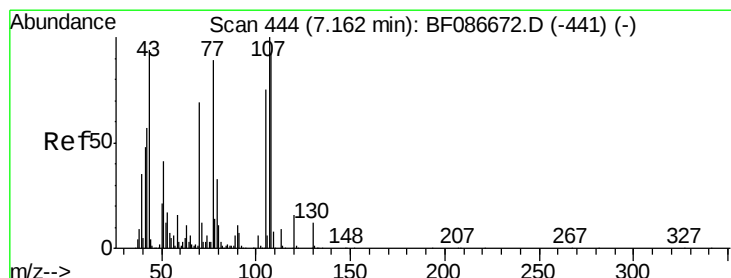
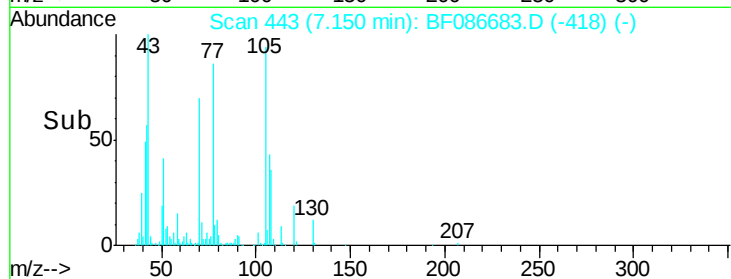
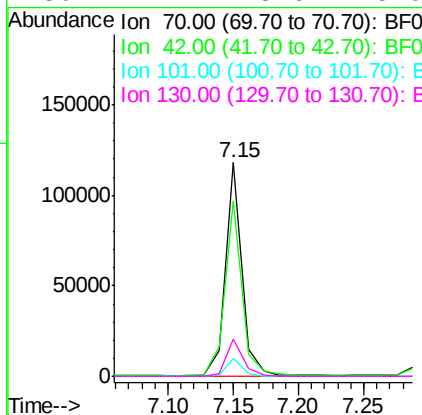
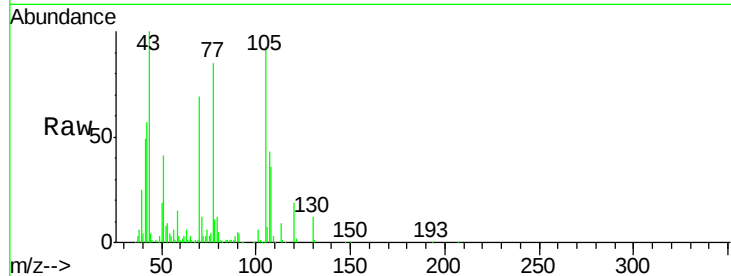




#19
n-Nitroso-di-n-propylamine
Concen: 11.28 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

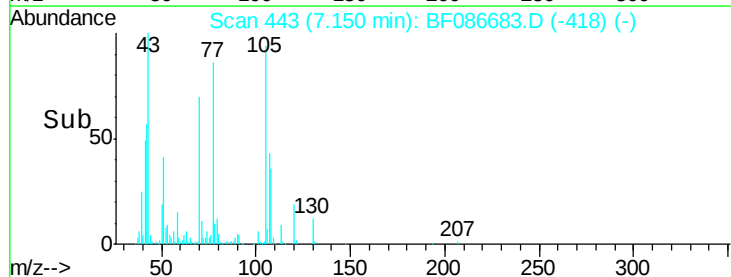
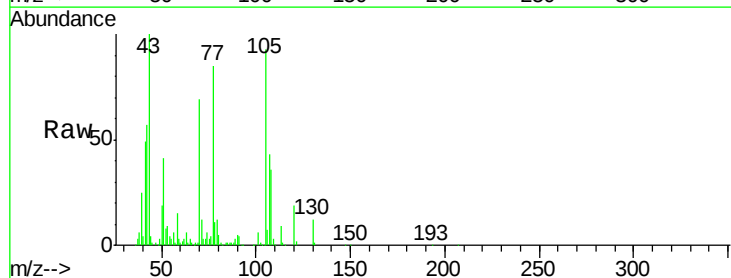
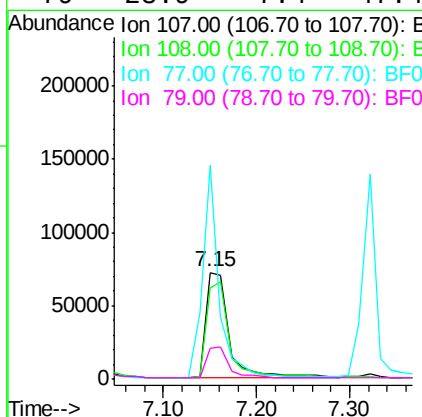
Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

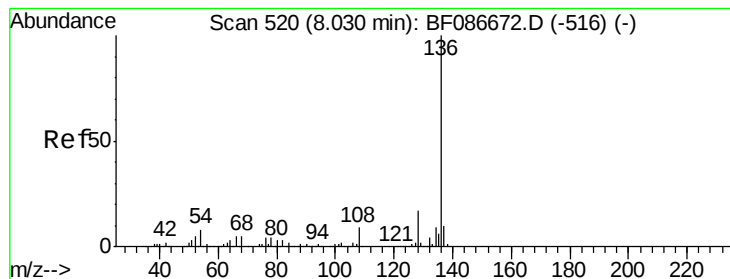
Tgt Ion: 70 Resp: 105268
Ion Ratio Lower Upper
70 100
42 81.8 43.1 64.7#
101 8.6 8.1 12.1
130 17.4 18.6 28.0#



#20
3+4-Methylphenols
Concen: 10.98 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion: 107 Resp: 125986
Ion Ratio Lower Upper
107 100
108 84.7 68.5 108.5
77 200.2 101.6 141.6#
79 28.9 7.4 47.4





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

Tgt Ion:136 Resp: 669852

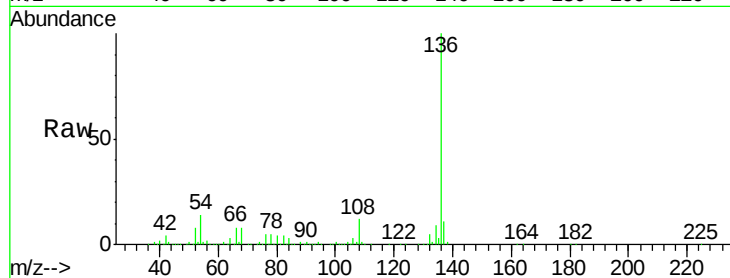
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 14.5 5.0 7.4#

68 8.0 4.4 6.6#

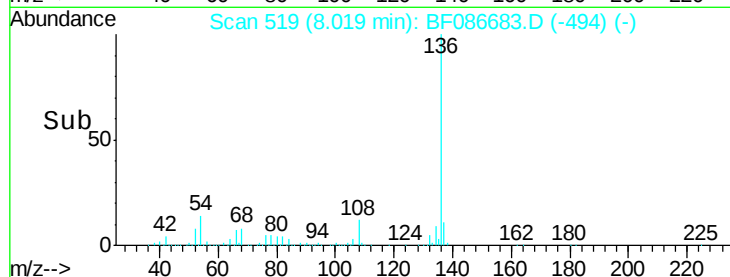


Abundance Ion 136.00 (135.70 to 136.70): E

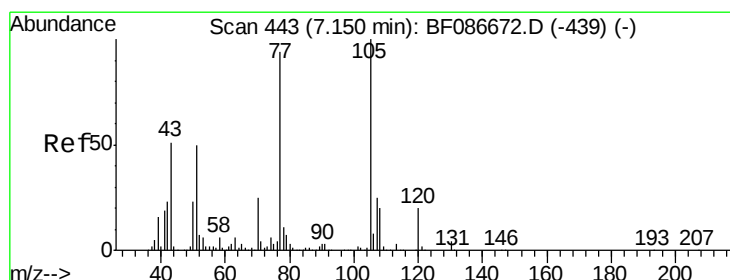
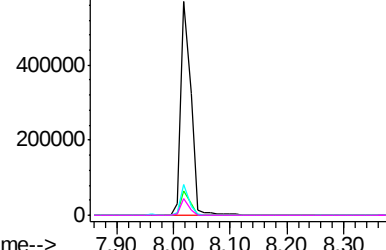
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 11.41 ng

RT: 7.15 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Tgt Ion:105 Resp: 178090

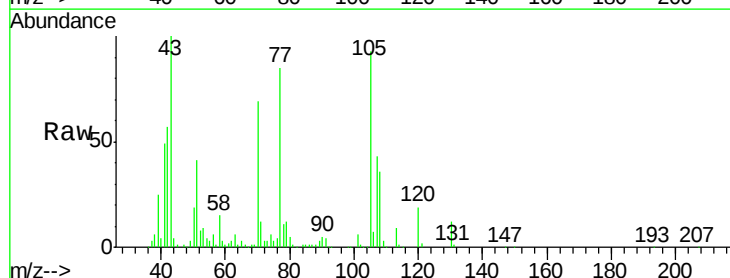
Ion Ratio Lower Upper

105 100

71 12.4 4.8 7.2#

51 43.9 32.6 49.0

120 20.6 16.5 24.7

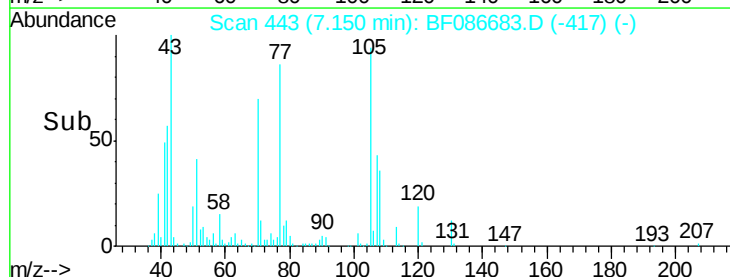


Abundance Ion 105.00 (104.70 to 105.70): E

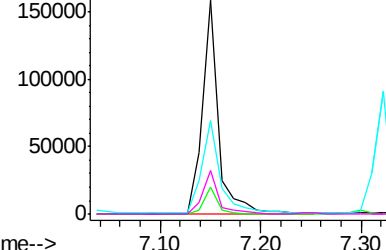
Ion 71.00 (70.70 to 71.70): BF0

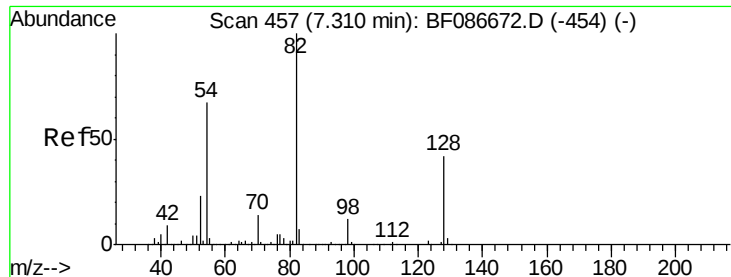
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

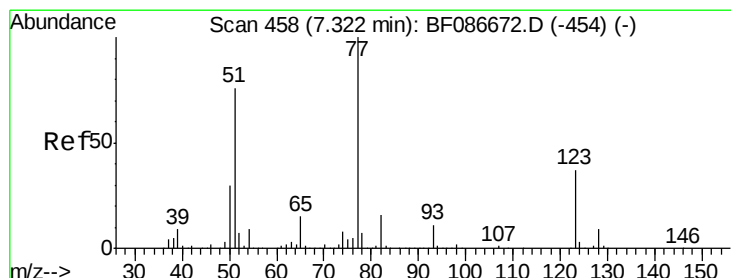
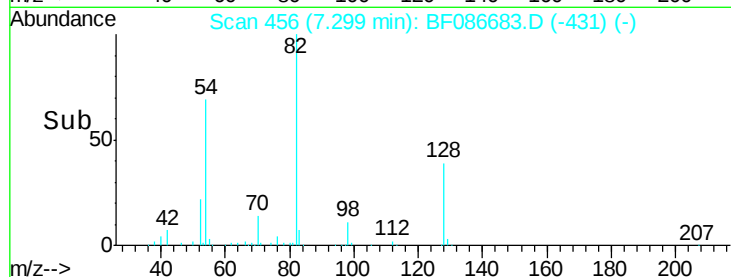
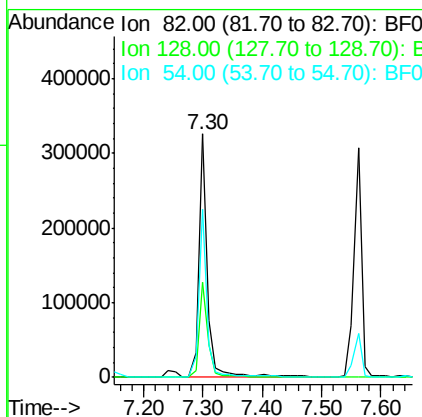
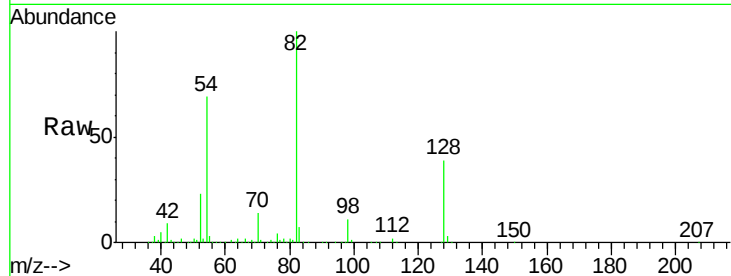




#23
 Nitrobenzene-d5
 Concen: 25.91 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

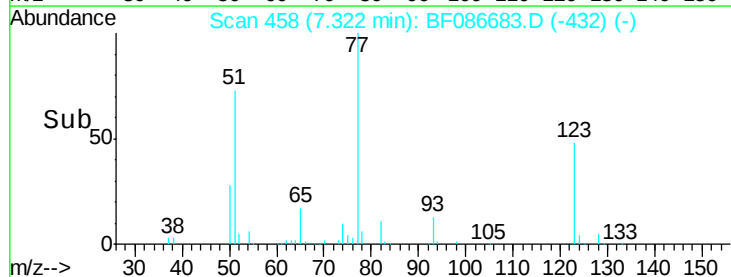
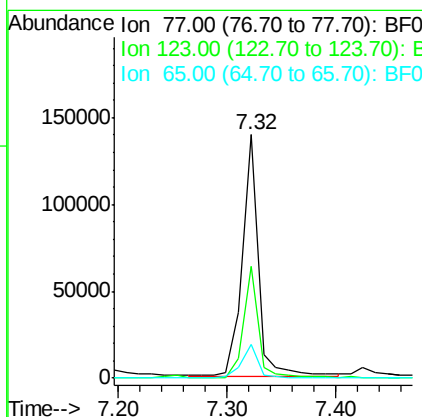
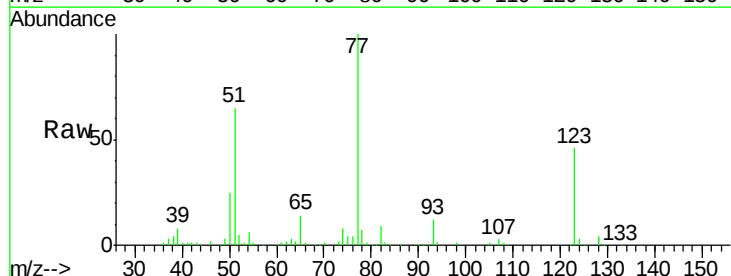
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)MS

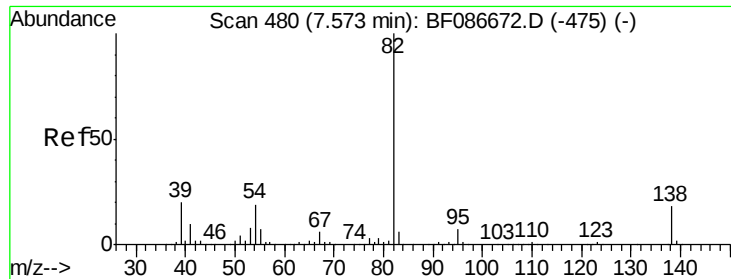
Tgt Ion: 82 Resp: 337752
 Ion Ratio Lower Upper
 82 100
 128 38.9 40.6 61.0#
 54 68.9 38.1 57.1#



#24
 Nitrobenzene
 Concen: 10.61 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Tgt Ion: 77 Resp: 142939
 Ion Ratio Lower Upper
 77 100
 123 45.9 33.0 49.4
 65 14.0 10.8 16.2

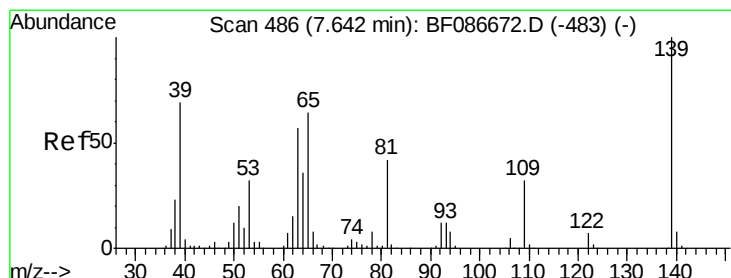
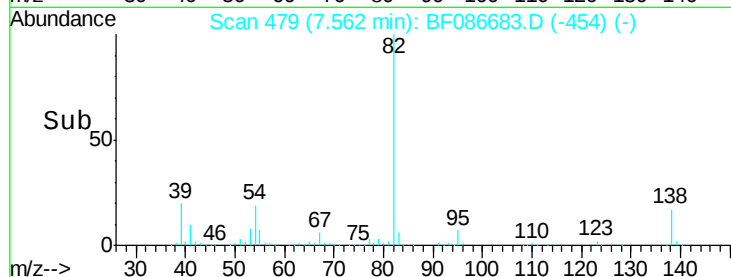
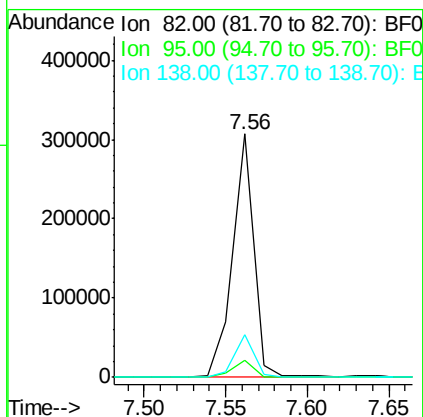
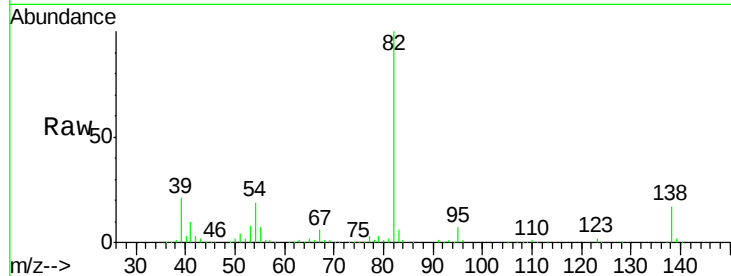




#25
Isophorone
Concen: 11.07 ng
RT: 7.56 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

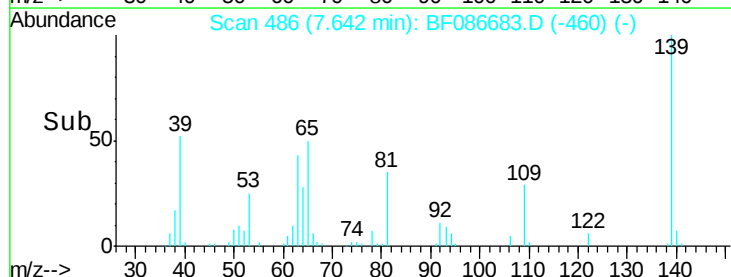
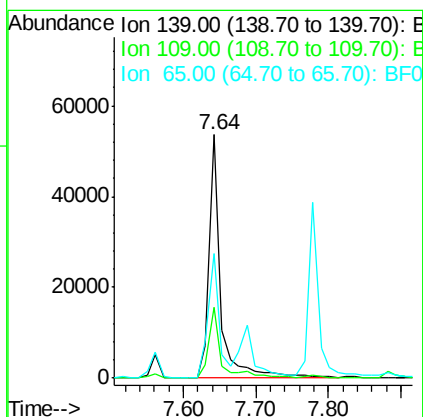
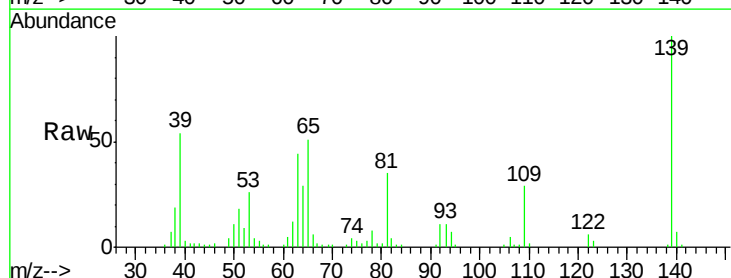
Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

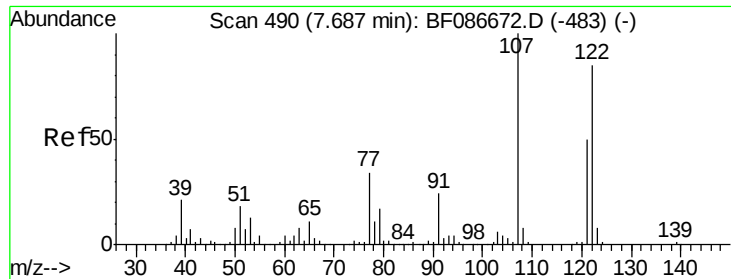
Tgt Ion: 82 Resp: 268835
Ion Ratio Lower Upper
82 100
95 7.0 5.1 7.7
138 17.3 12.4 18.6



#26
2-Nitrophenol
Concen: 10.08 ng
RT: 7.64 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion: 139 Resp: 60623
Ion Ratio Lower Upper
139 100
109 29.2 19.5 29.3
65 51.4 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 11.00 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

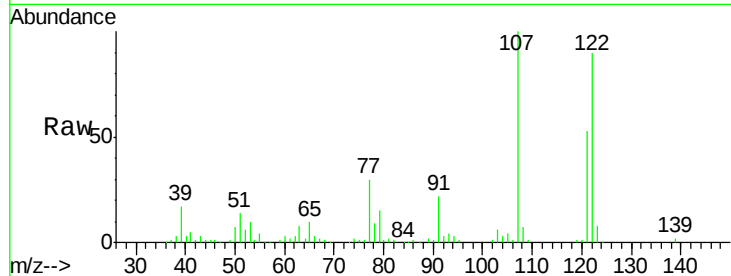
Tgt Ion:122 Resp: 116161

Ion Ratio Lower Upper

122 100

107 110.7 82.0 123.0

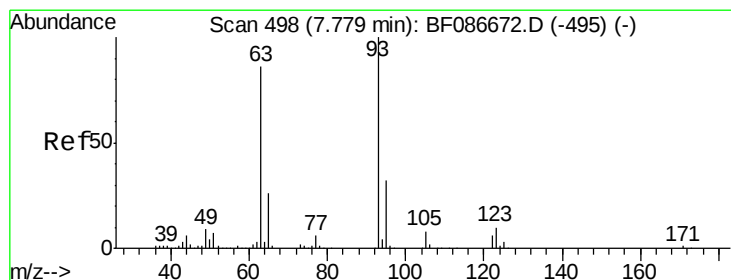
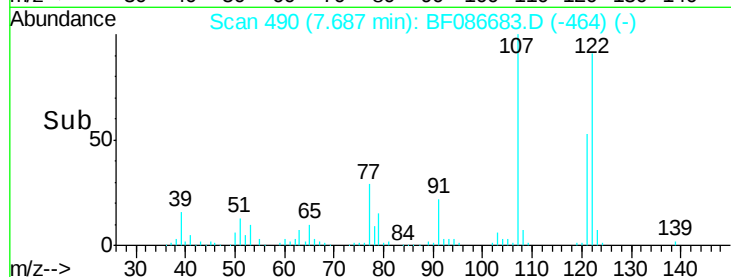
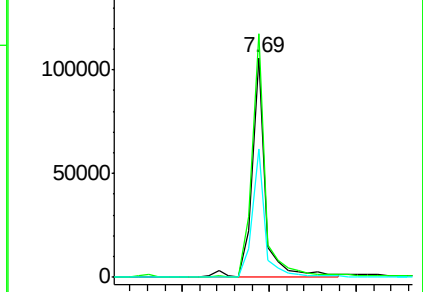
121 58.2 46.1 69.1



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: 12.24 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

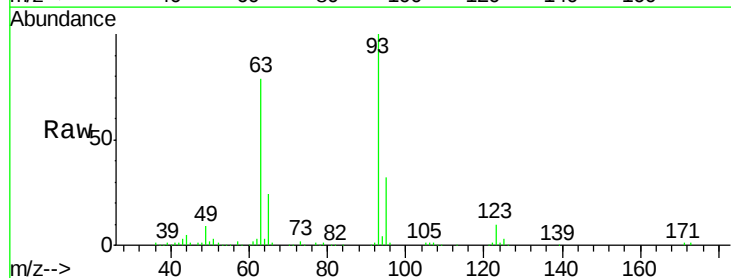
Tgt Ion: 93 Resp: 163591

Ion Ratio Lower Upper

93 100

95 31.9 26.0 39.0

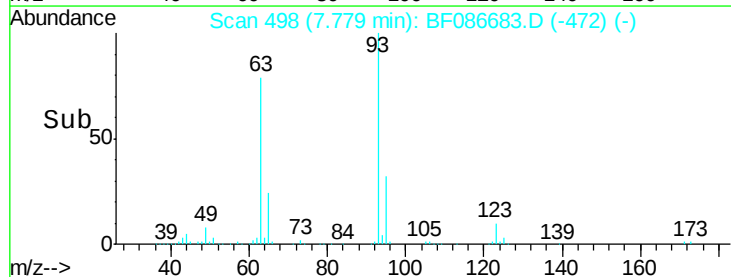
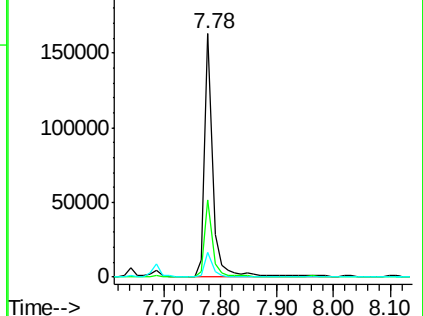
123 10.0 9.5 14.3

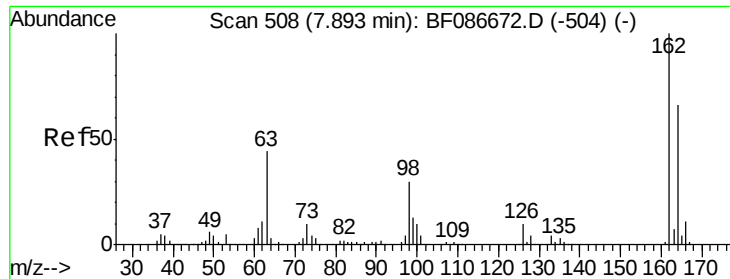


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

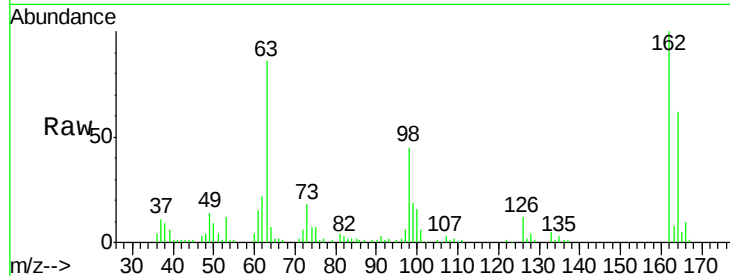




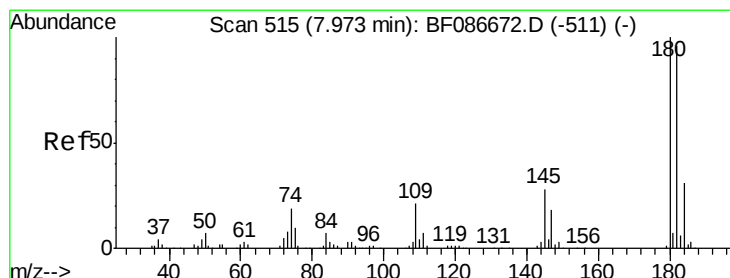
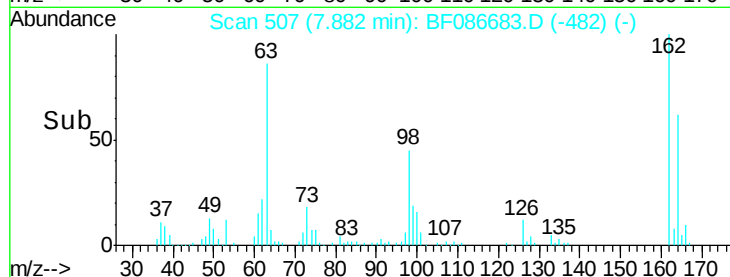
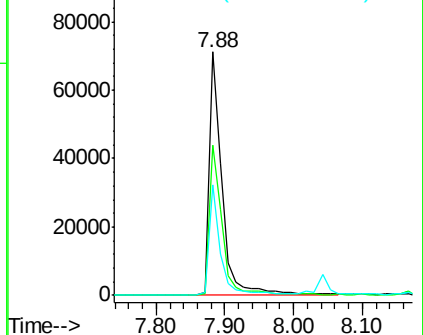
#29
 2,4-Dichlorophenol
 Concen: 10.36 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)MS

Tgt Ion:162 Resp: 94016
 Ion Ratio Lower Upper
 162 100
 164 61.8 42.2 82.2
 98 45.2 19.0 59.0

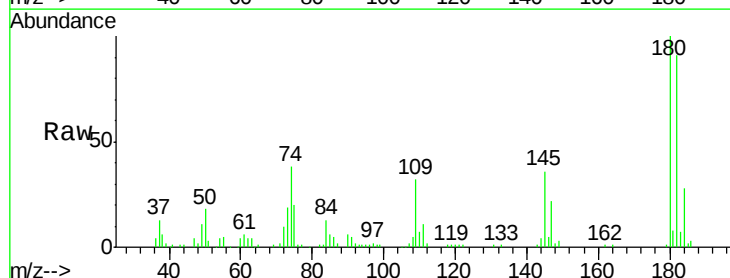


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

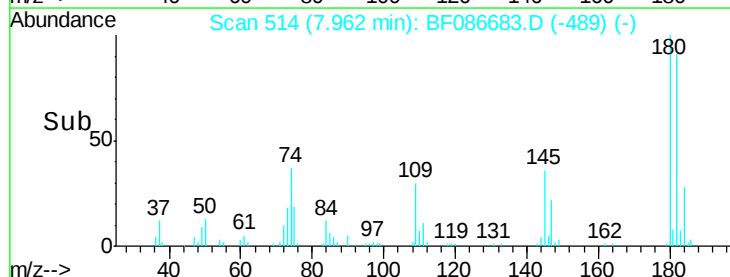
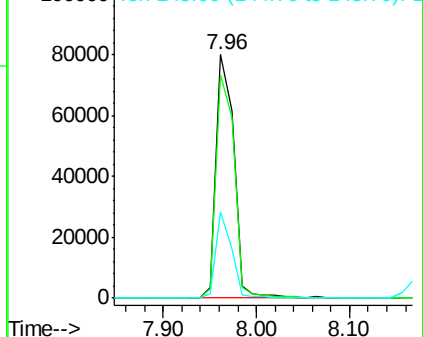


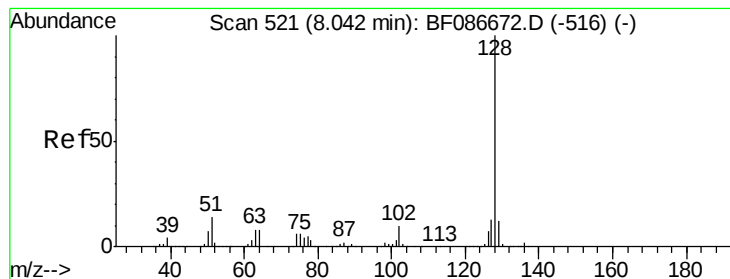
#30
 1,2,4-Trichlorobenzene
 Concen: 10.44 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Tgt Ion:180 Resp: 105734
 Ion Ratio Lower Upper
 180 100
 182 91.5 78.0 117.0
 145 35.6 24.2 36.2



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: 11.14 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

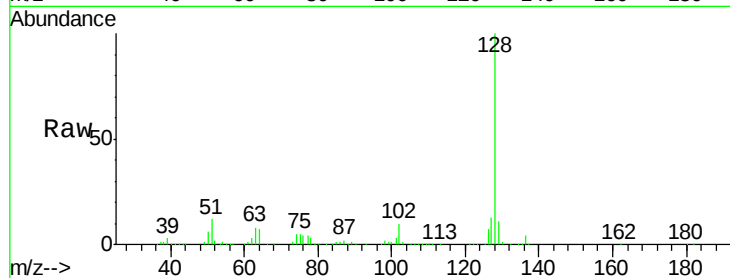
Tgt Ion:128 Resp: 381267

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

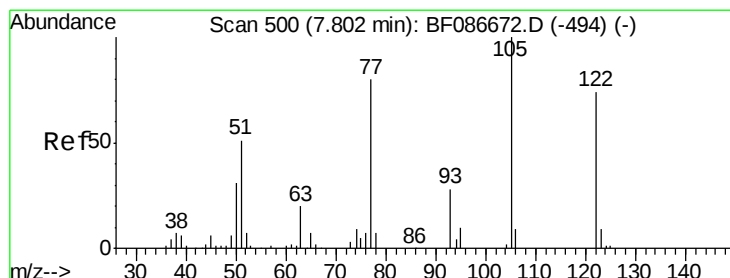
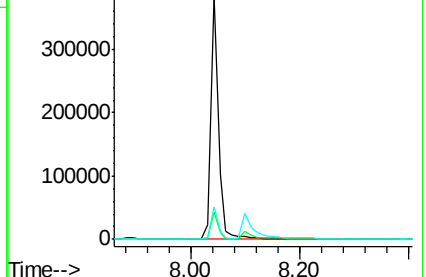
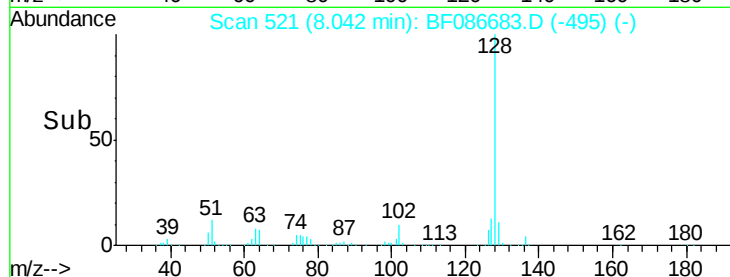
127 13.2 10.8 16.2



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: 31.67 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.11 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

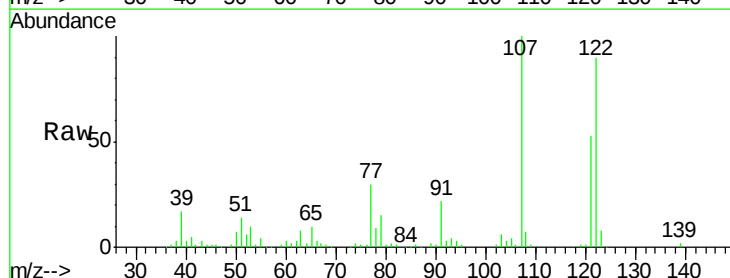
Tgt Ion:122 Resp: 116161

Ion Ratio Lower Upper

122 100

105 4.0 92.6 132.6#

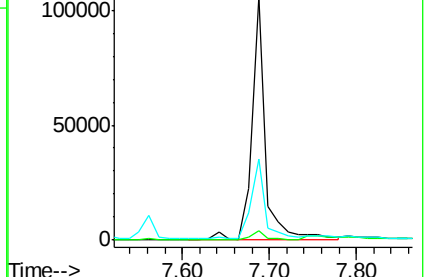
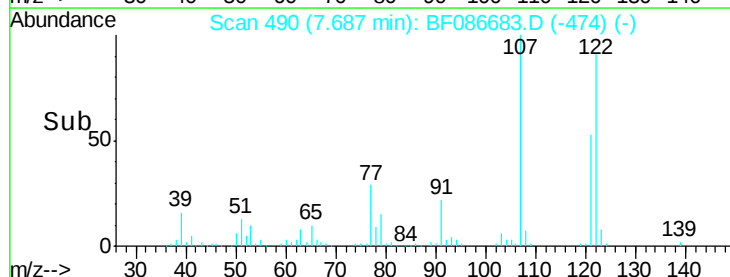
77 33.5 60.0 100.0#

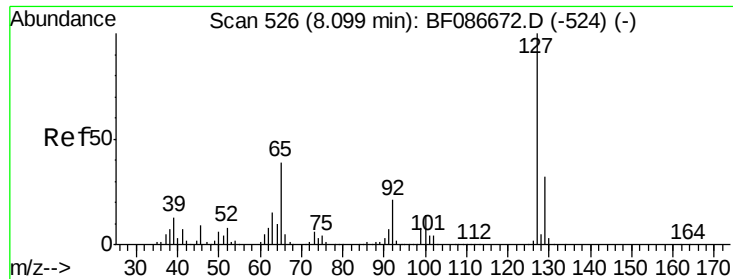


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

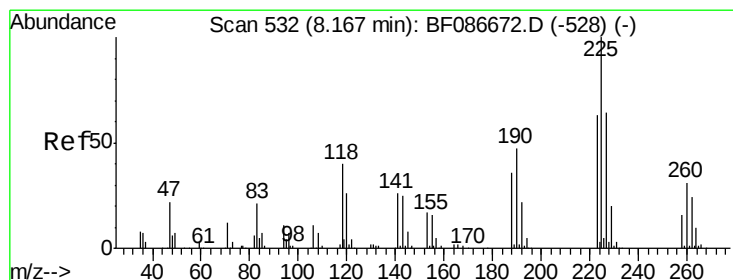
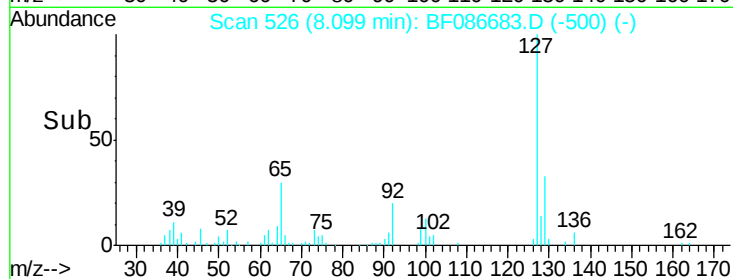
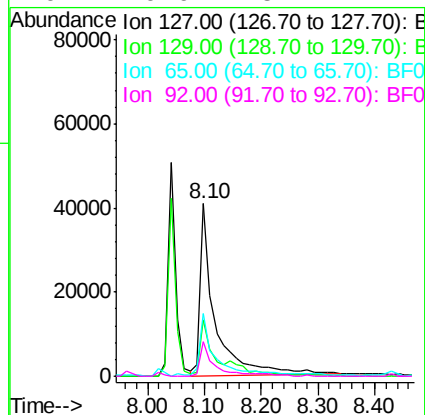
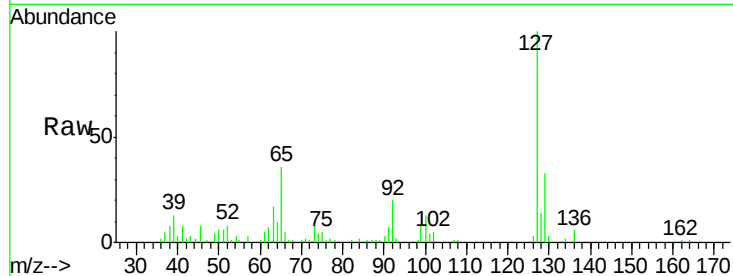




#33
4-Chloroaniline
Concen: 5.46 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

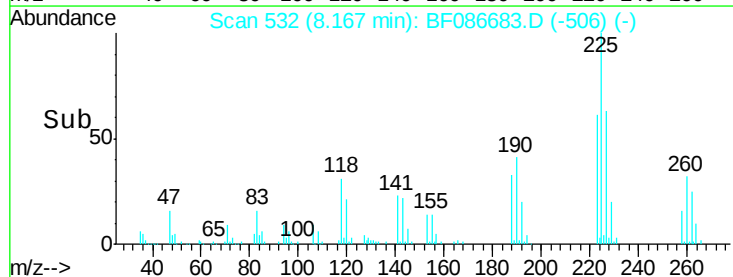
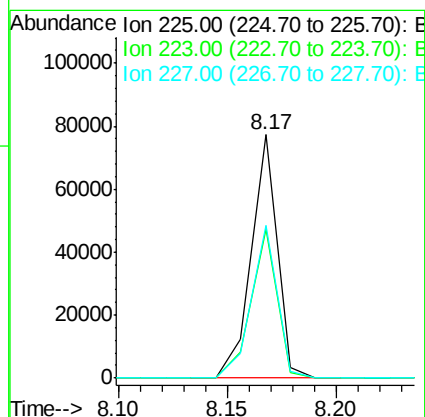
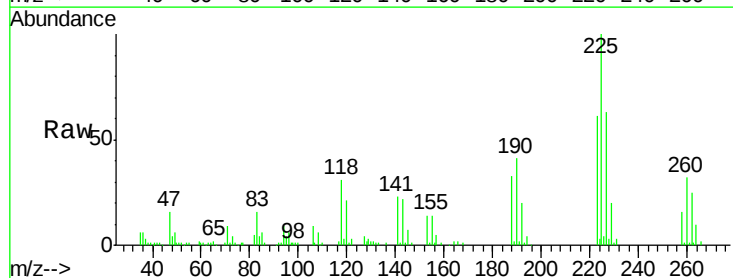
Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

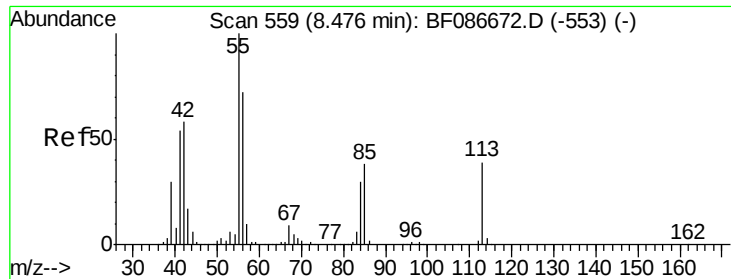
Tgt Ion:	127	Resp:	72436
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.2	39.4
65	36.0	23.0	34.4
92	19.9	15.1	22.7



#34
Hexachlorobutadiene
Concen: 11.09 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion:	225	Resp:	63769
Ion	Ratio	Lower	Upper
225	100		
223	61.2	51.5	77.3
227	62.6	52.2	78.2

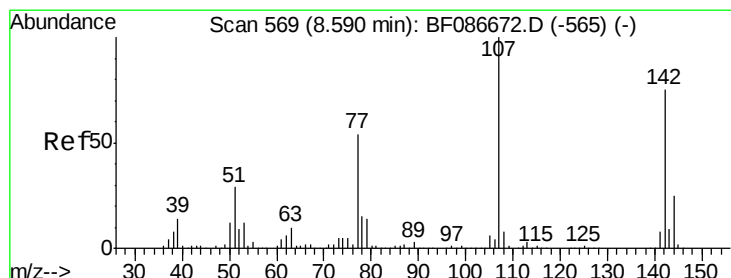
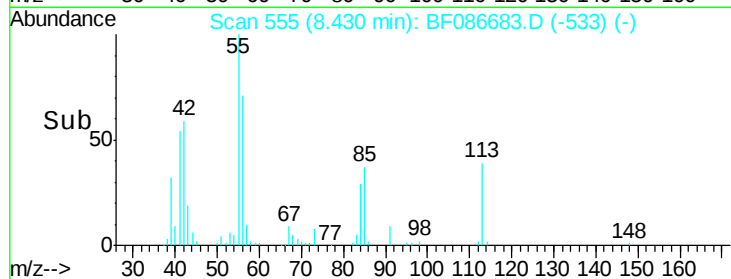
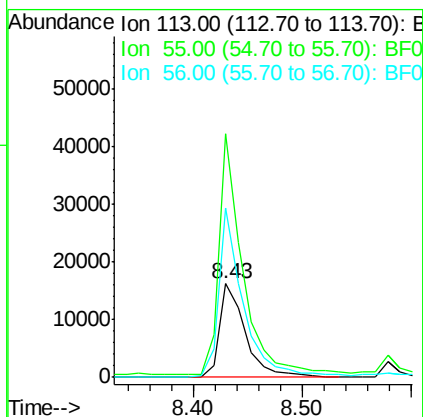
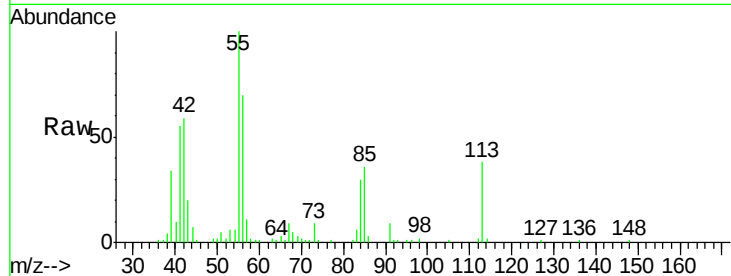




#35
 Caprolactam
 Concen: 9.41 ng
 RT: 8.43 min Scan# 555
 Delta R.T. -0.05 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

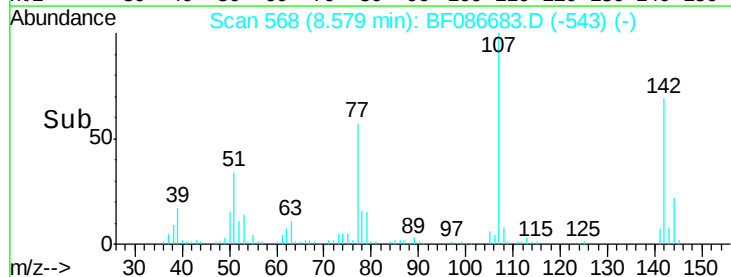
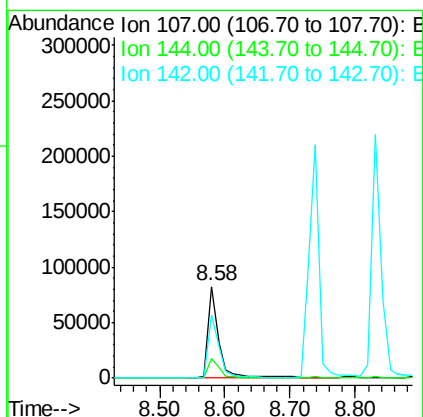
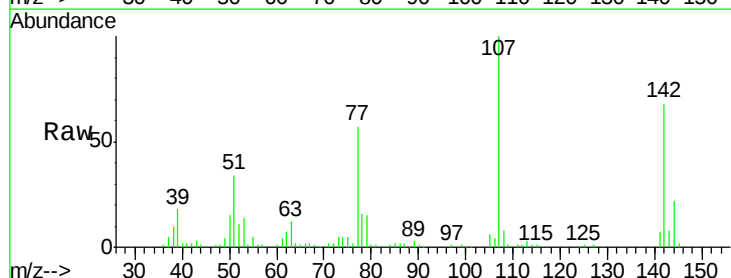
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)MS

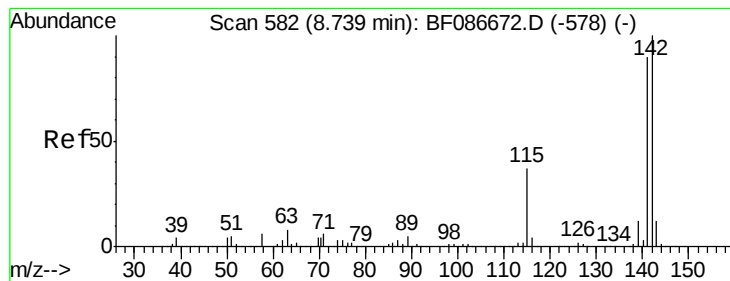
Tgt Ion:113 Resp: 26432
 Ion Ratio Lower Upper
 113 100
 55 260.6 162.0 202.0#
 56 181.4 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 9.58 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Tgt Ion:107 Resp: 99223
 Ion Ratio Lower Upper
 107 100
 144 21.9 20.7 31.1
 142 68.3 63.2 94.8





#37

2-Methylnaphthalene

Concen: 11.02 ng

RT: 8.74 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

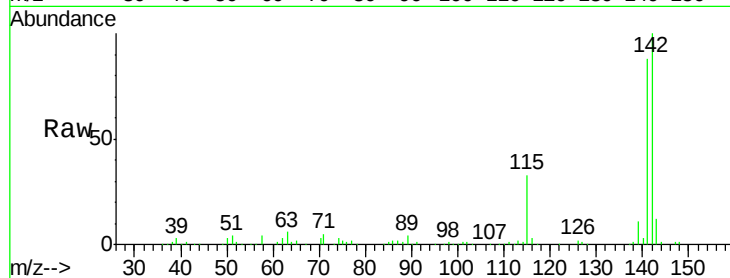
Tgt Ion:142 Resp: 222509

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.6

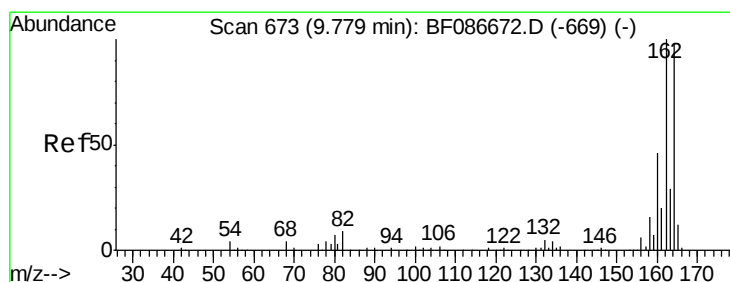
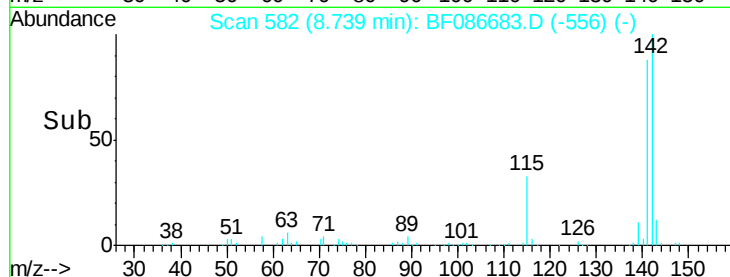
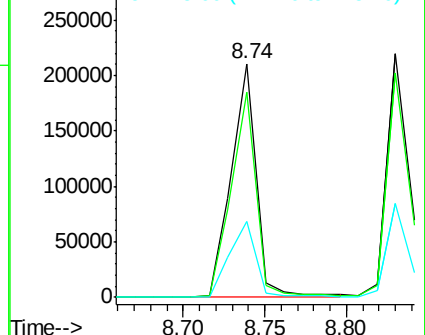
115 32.6 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

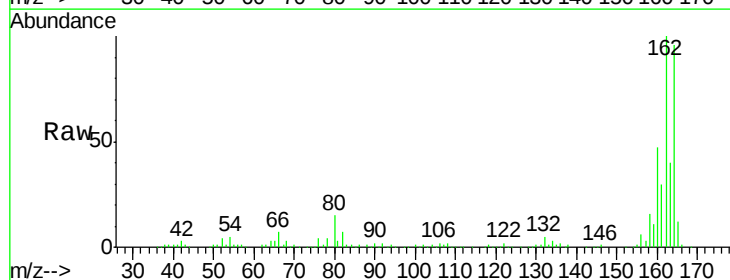
Tgt Ion:164 Resp: 282103

Ion Ratio Lower Upper

164 100

162 104.6 82.8 124.2

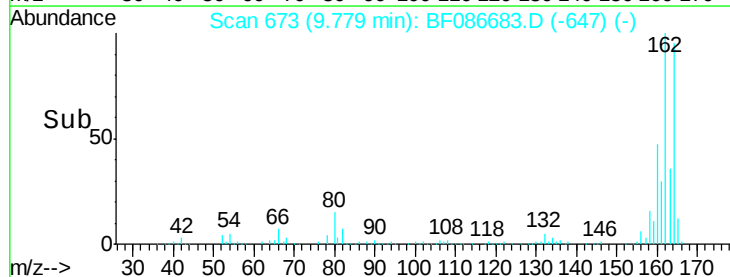
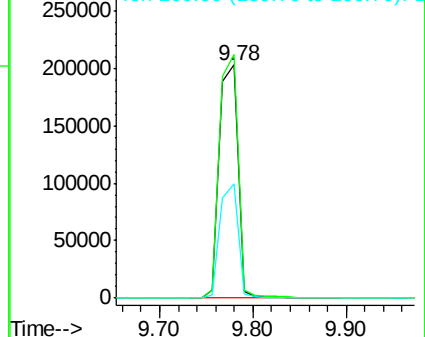
160 49.3 36.9 55.3

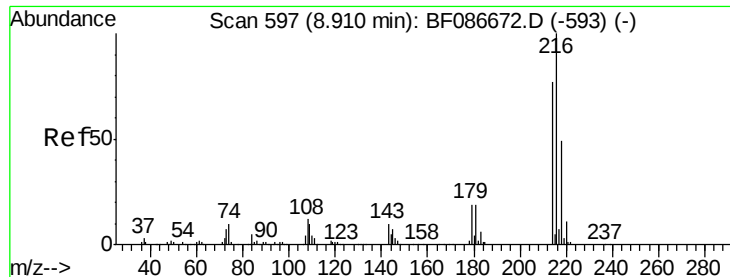


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 11.29 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

Tgt Ion:216 Resp: 92229

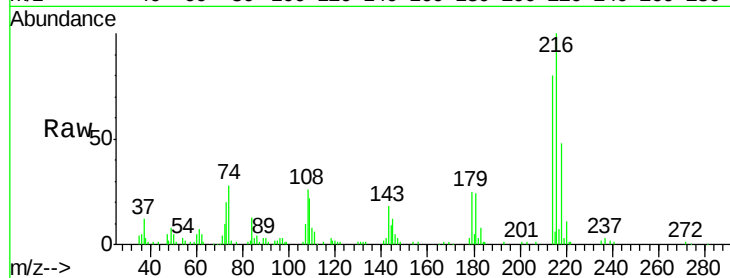
Ion Ratio Lower Upper

216 100

214 79.0 62.6 93.8

179 23.0 18.2 27.4

108 23.2 17.5 26.3

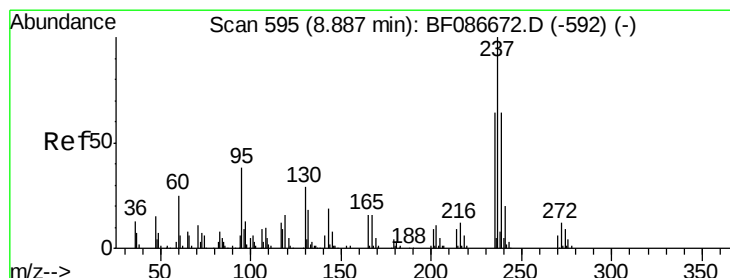
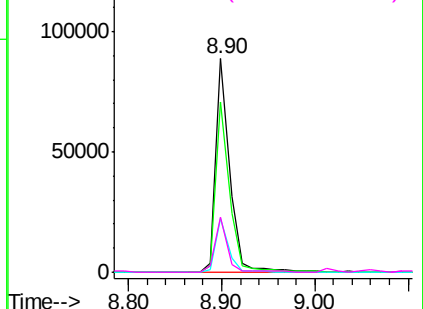
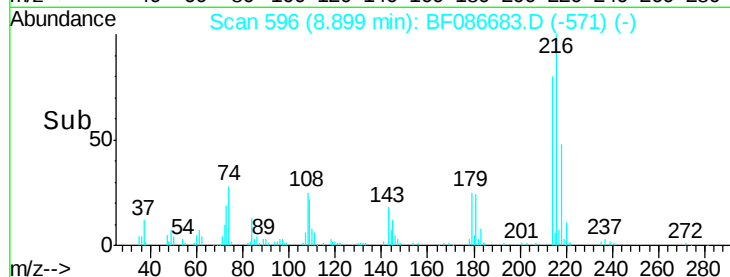


Abundance Ion 216.00 (215.70 to 216.70): E

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: 8.74 ng

RT: 8.89 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

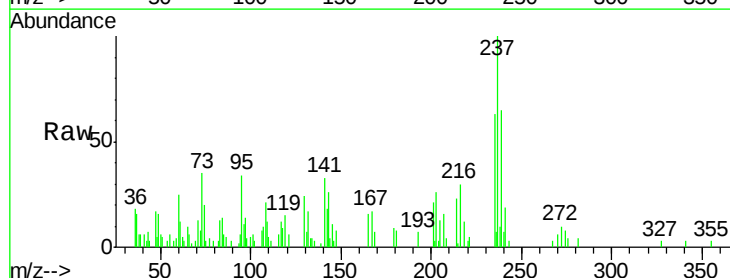
Tgt Ion:237 Resp: 10544

Ion Ratio Lower Upper

237 100

235 62.7 47.2 87.2

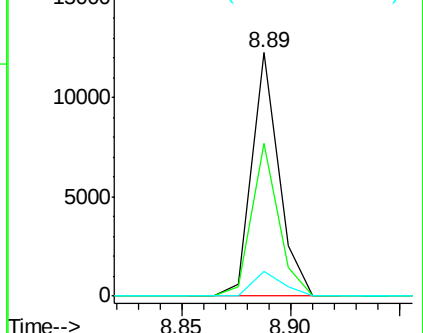
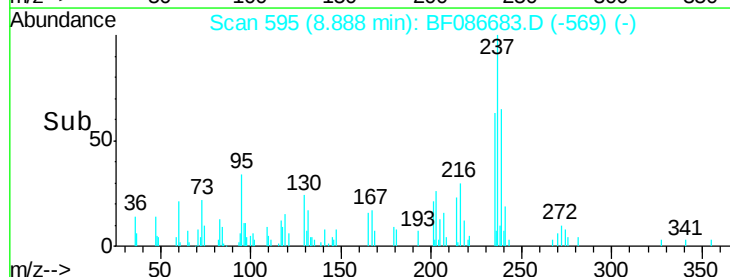
272 10.1 0.0 31.1

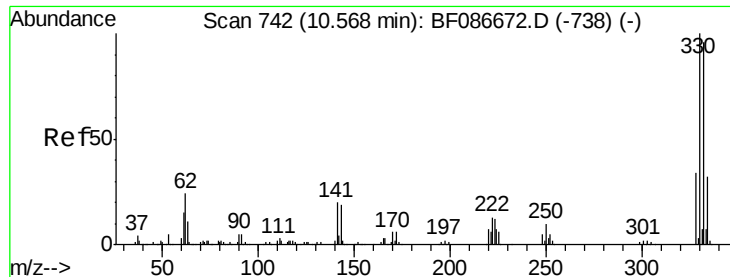


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

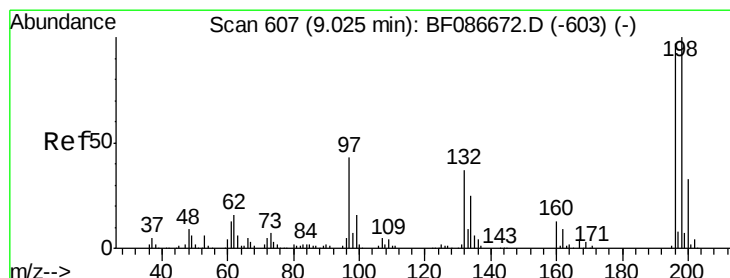
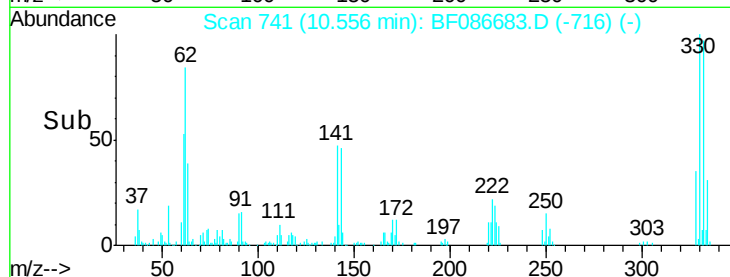
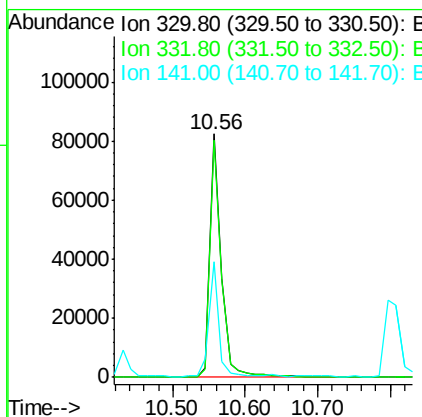
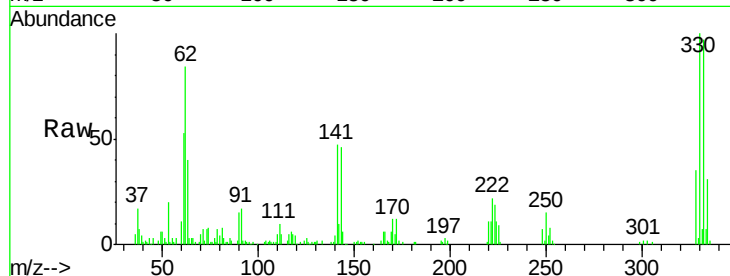




#41
 2,4,6-Tribromophenol
 Concen: 32.87 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

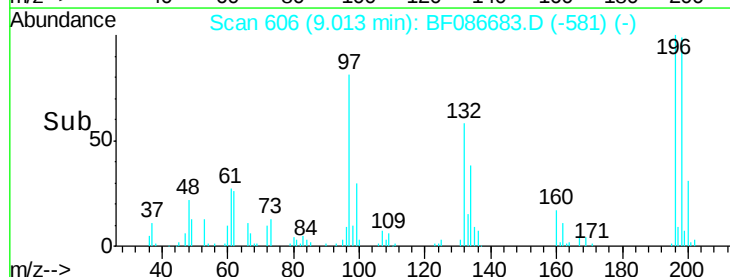
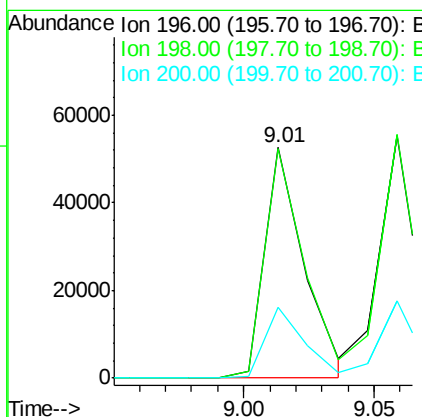
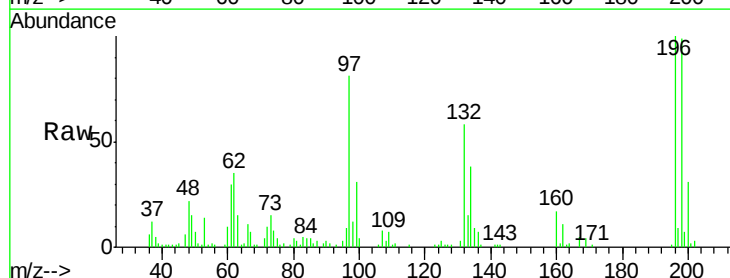
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)MS

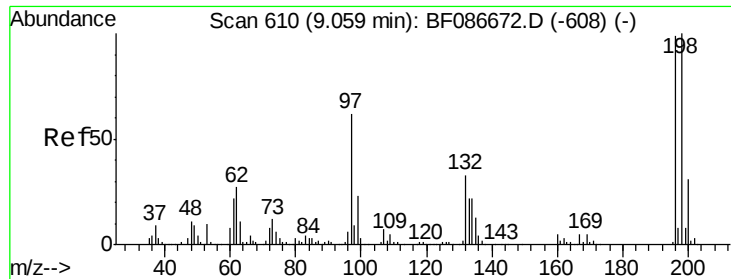
Tgt Ion:330 Resp: 90715
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.4
 141 39.9 31.2 46.8



#42
 2,4,6-Trichlorophenol
 Concen: 10.68 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Tgt Ion:196 Resp: 55439
 Ion Ratio Lower Upper
 196 100
 198 99.3 74.7 112.1
 200 30.5 23.8 35.6

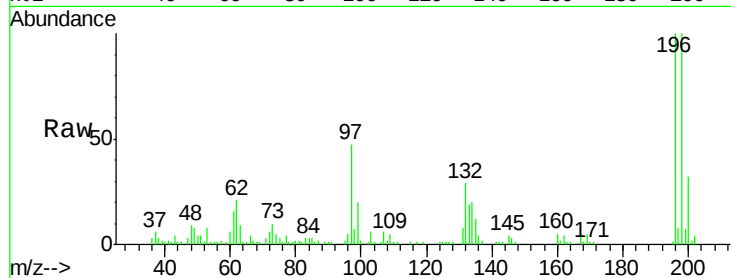




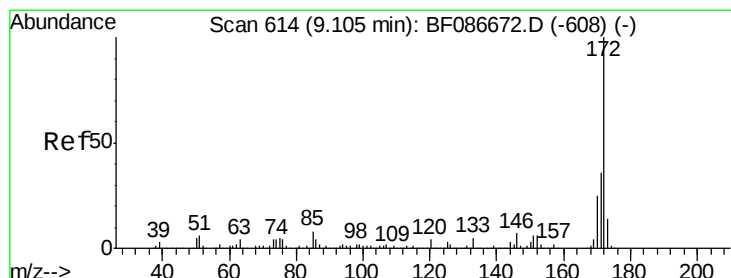
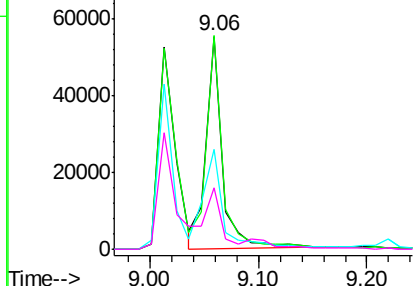
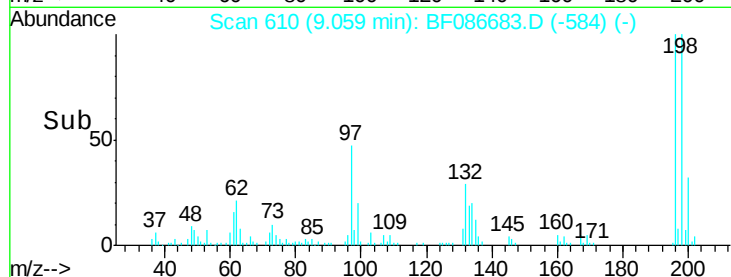
#43
 2,4,5-Trichlorophenol
 Concen: 10.70 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)MS

Tgt Ion:196 Resp: 58049
 Ion Ratio Lower Upper
 196 100
 198 100.3 77.5 116.3
 97 47.0 34.8 52.2
 132 28.7 23.0 34.4

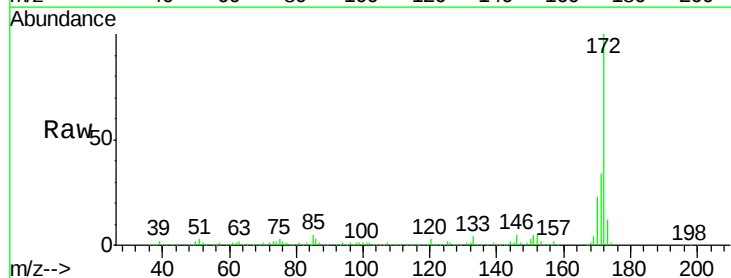


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

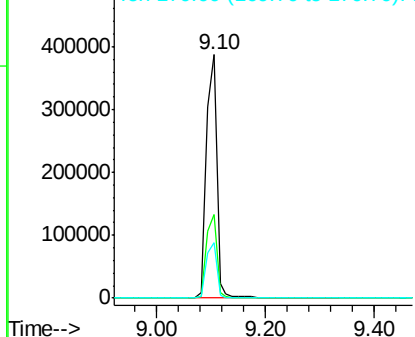
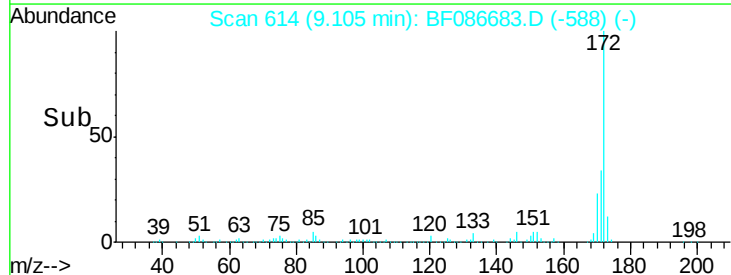


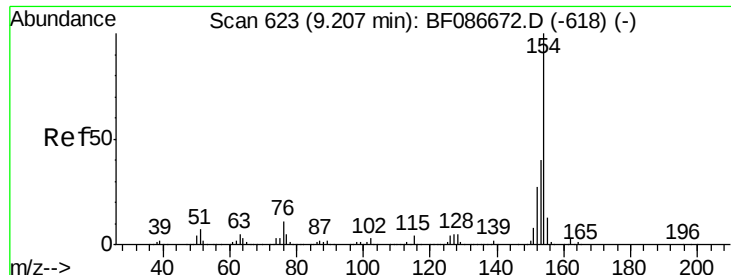
#44
 2-Fluorobiphenyl
 Concen: 29.92 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Tgt Ion:172 Resp: 514826
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.0 43.6
 170 22.9 19.8 29.8



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

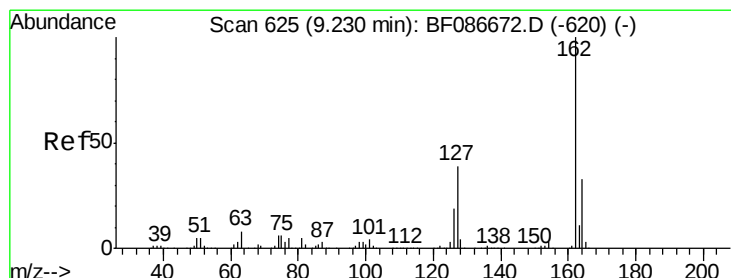
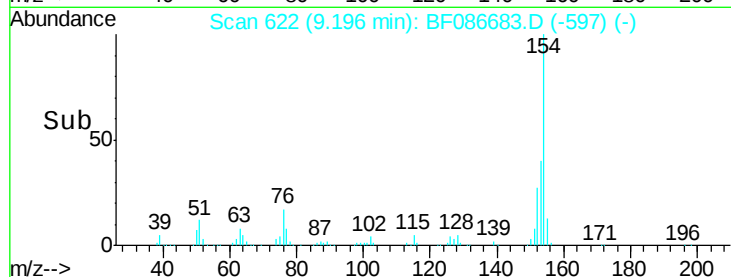
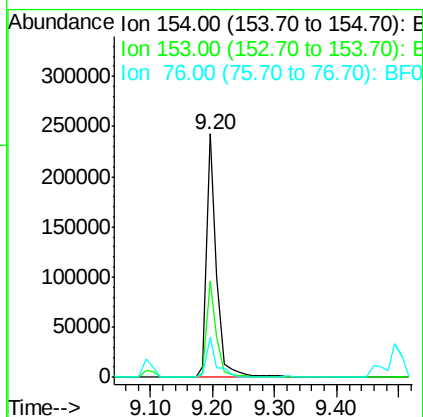
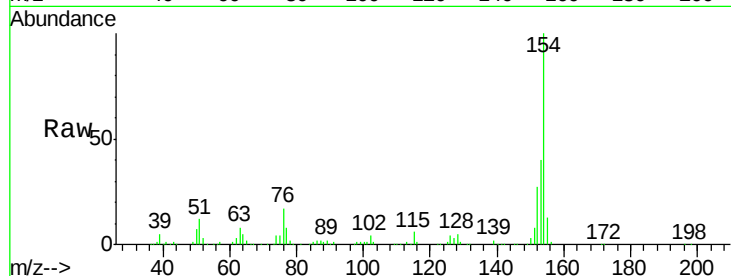




#45
 1,1'-Biphenyl
 Concen: 11.82 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

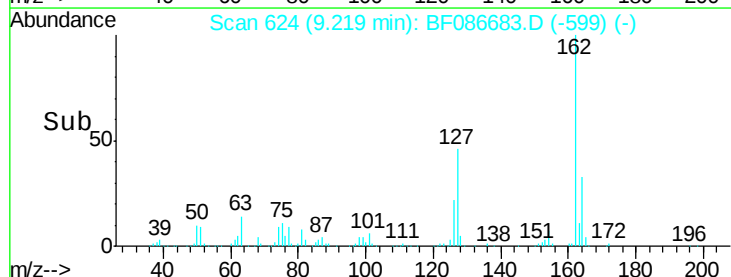
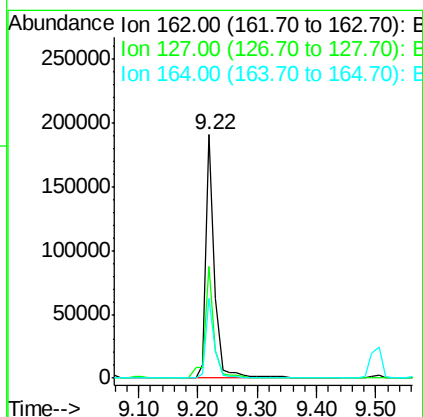
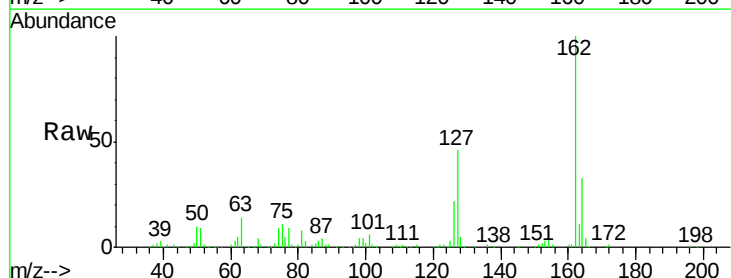
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)MS

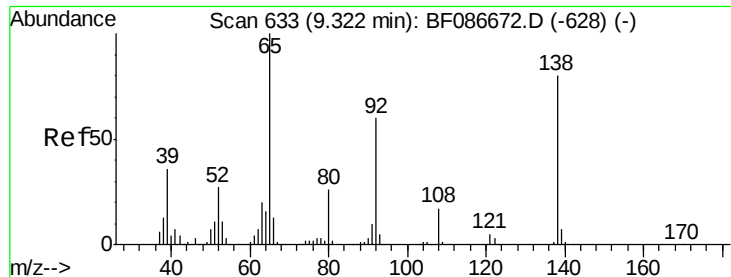
Tgt Ion:154 Resp: 272649
 Ion Ratio Lower Upper
 154 100
 153 39.5 20.3 60.3
 76 16.5 0.0 30.2



#46
 2-Chloronaphthalene
 Concen: 11.29 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Tgt Ion:162 Resp: 200933
 Ion Ratio Lower Upper
 162 100
 127 46.0 31.8 47.6
 164 32.5 27.0 40.6

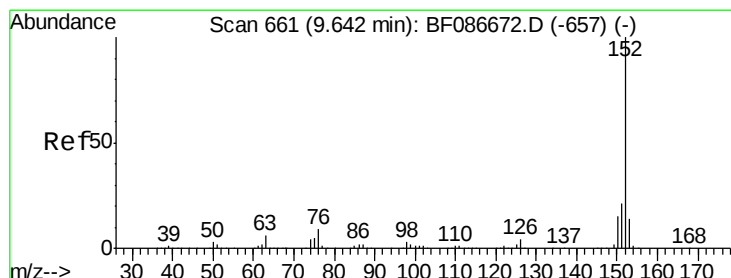
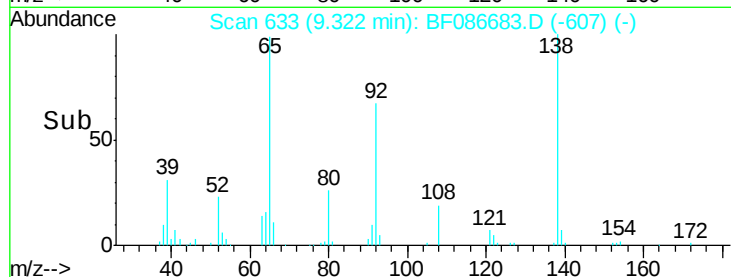
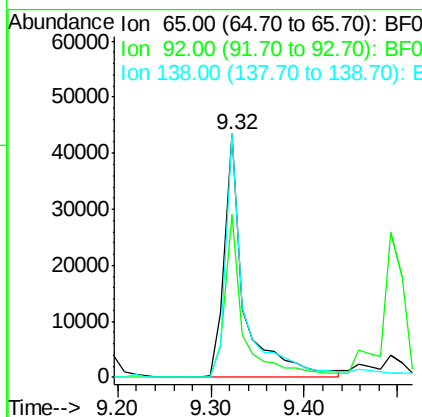
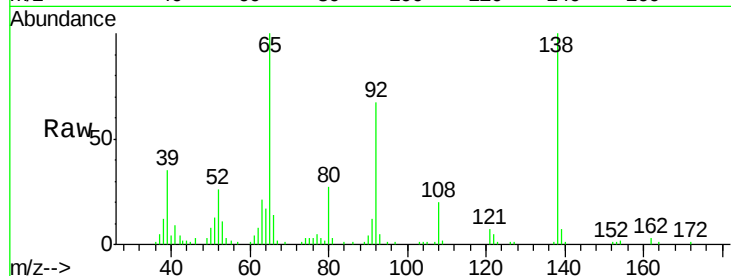




#47
2-Nitroaniline
Concen: 10.27 ng
RT: 9.32 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

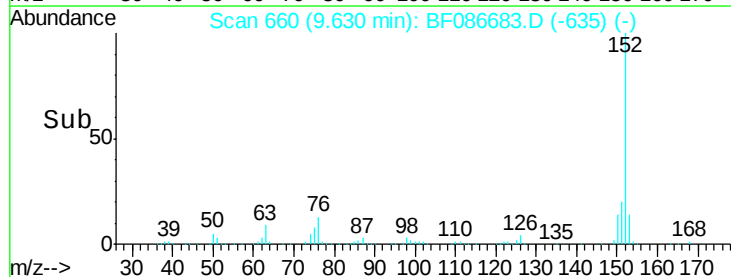
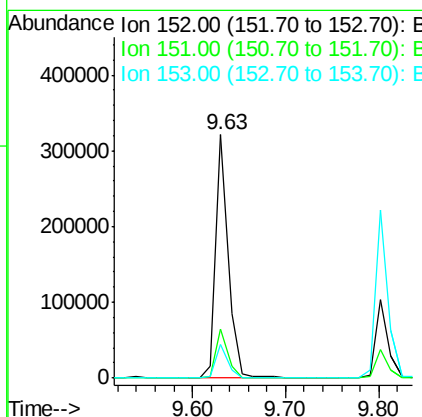
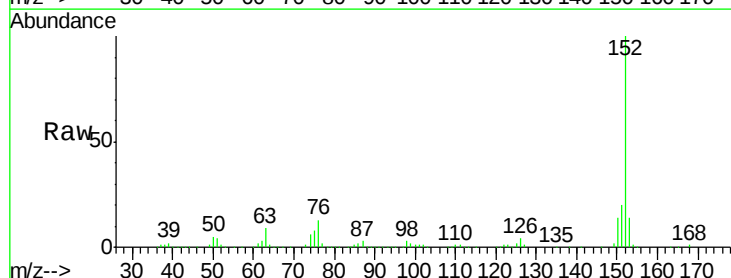
Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

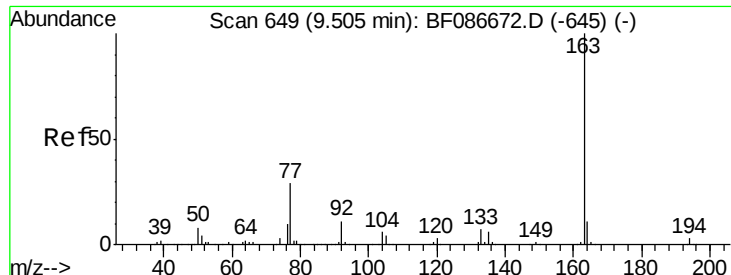
Tgt Ion: 65 Resp: 64967
Ion Ratio Lower Upper
65 100
92 67.1 57.4 86.2
138 99.8 90.1 135.1



#48
Acenaphthylene
Concen: 11.43 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion: 152 Resp: 301869
Ion Ratio Lower Upper
152 100
151 19.9 16.8 25.2
153 13.8 10.9 16.3





#49

Dimethylphthalate

Concen: 15.33 ng

RT: 9.50 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

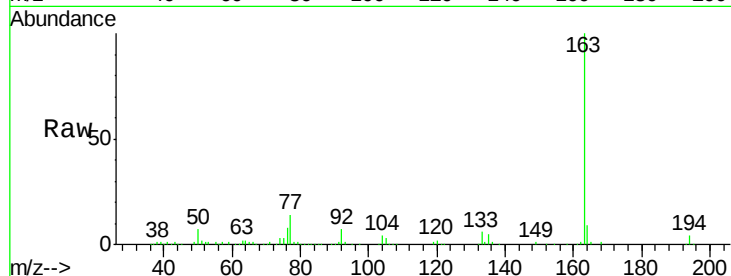
Tgt Ion:163 Resp: 322484

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

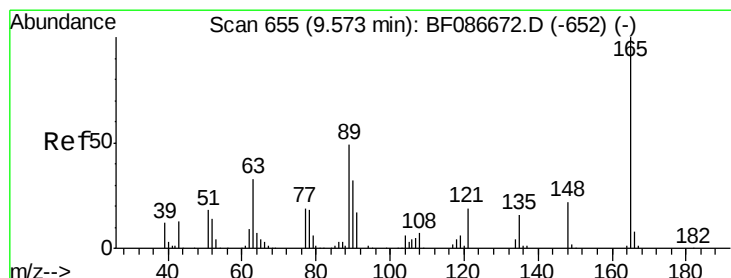
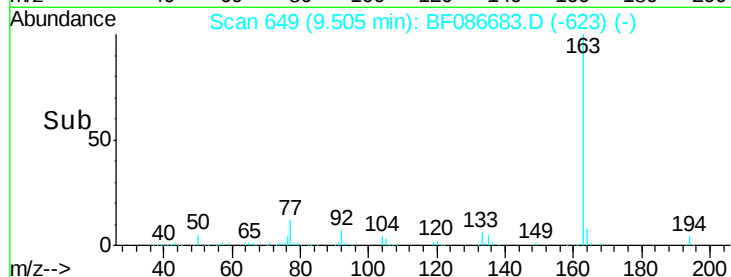
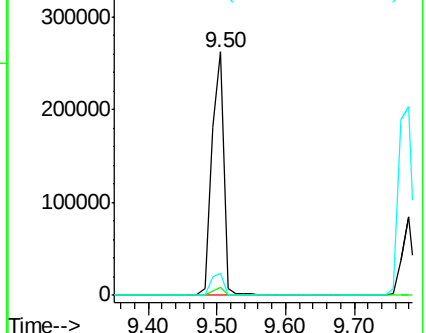
164 9.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 10.93 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

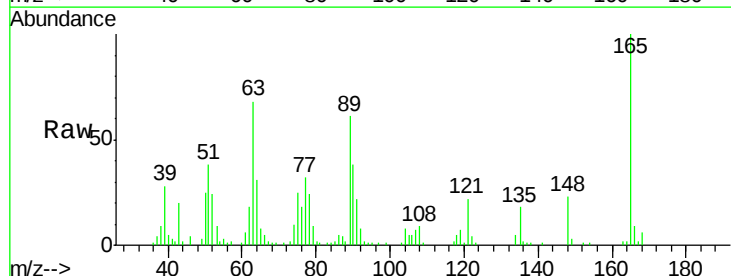
Tgt Ion:165 Resp: 49322

Ion Ratio Lower Upper

165 100

63 67.7 51.8 77.8

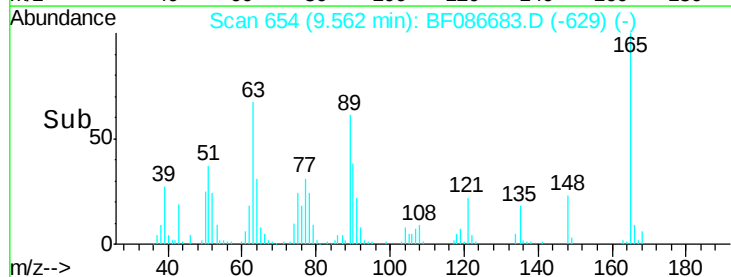
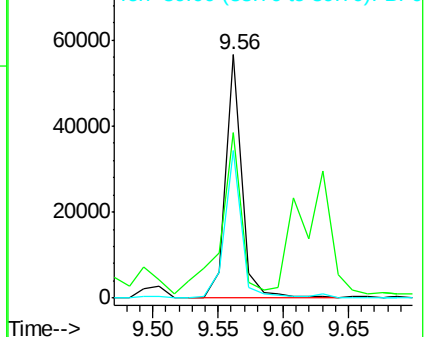
89 60.6 50.7 76.1

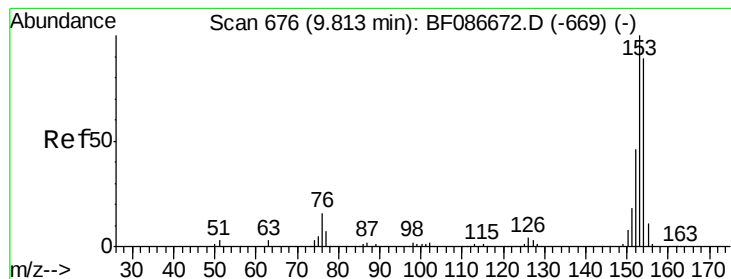


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 10.82 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

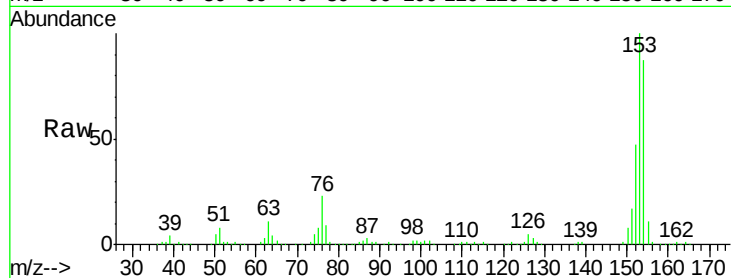
Tgt Ion:154 Resp: 188574

Ion Ratio Lower Upper

154 100

153 114.5 89.8 134.6

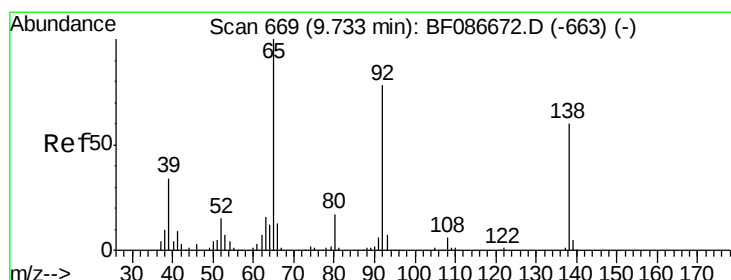
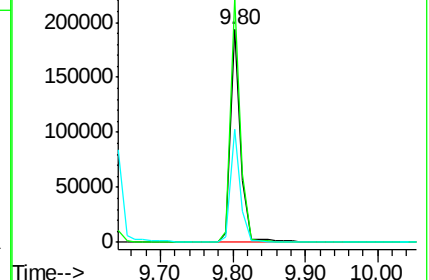
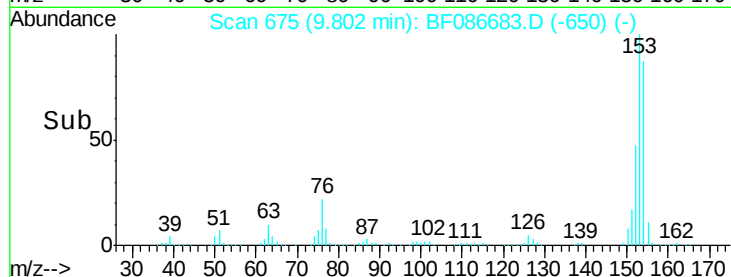
152 53.4 43.4 65.0



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: 8.18 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

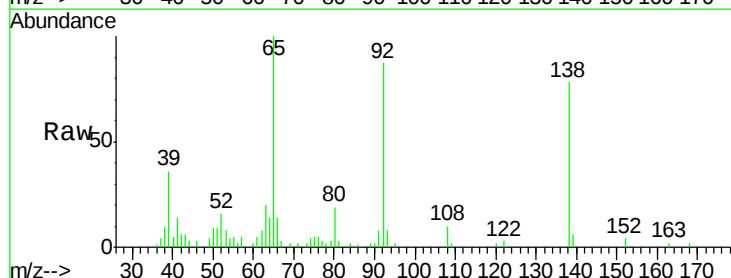
Tgt Ion:138 Resp: 41974

Ion Ratio Lower Upper

138 100

108 12.2 7.8 11.6#

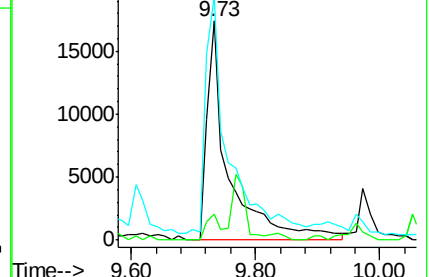
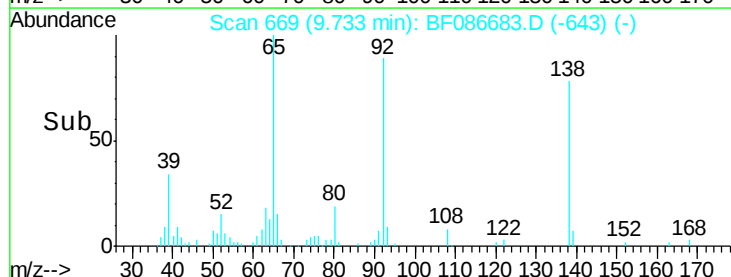
92 111.3 87.8 131.8

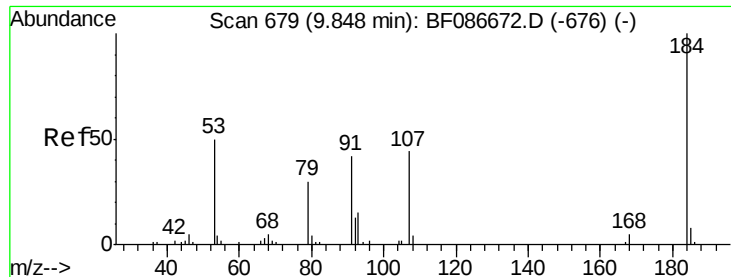


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

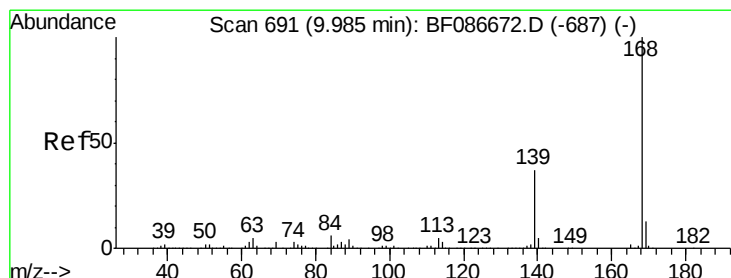
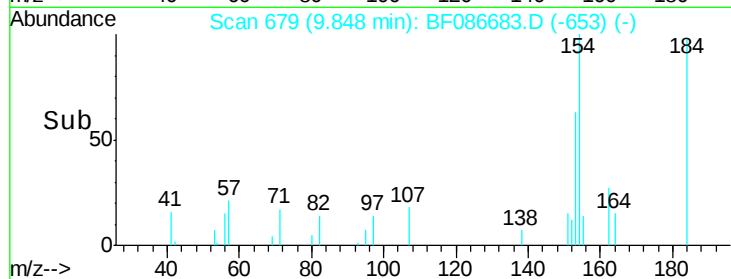
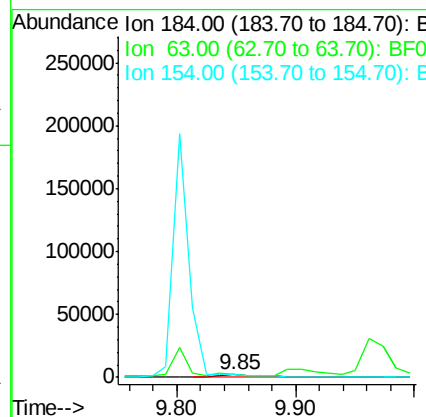
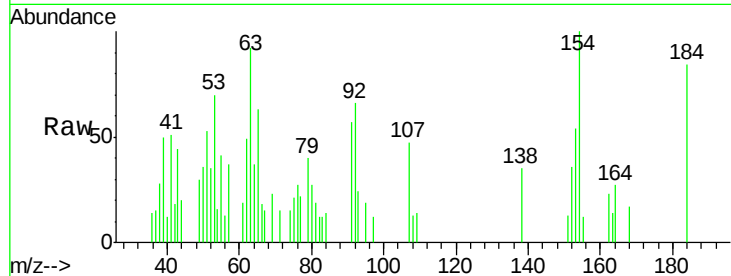




#53
 2,4-Dinitrophenol
 Concen: 13.90 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

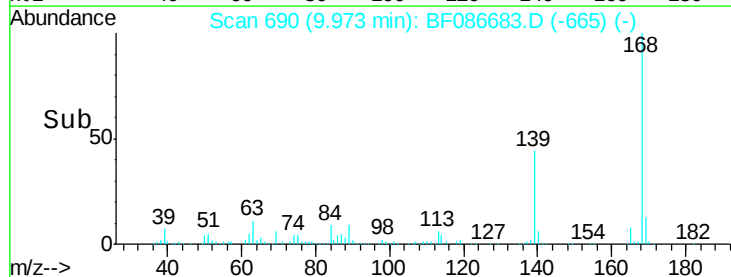
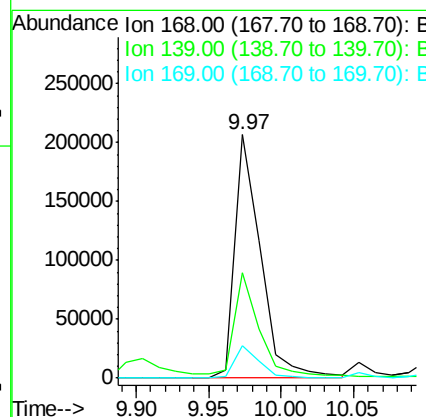
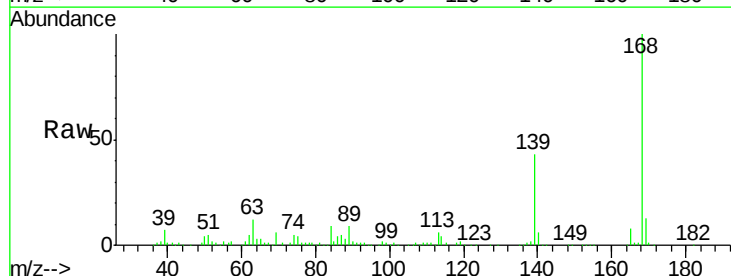
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)MS

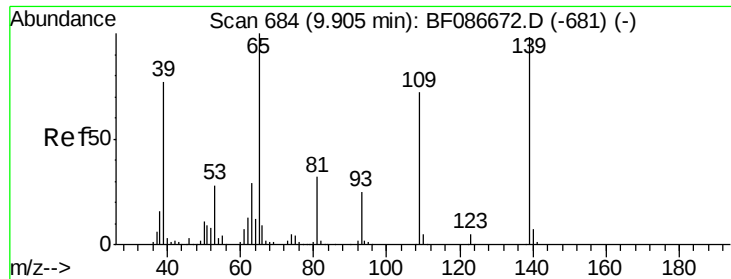
Tgt Ion:184 Resp: 5916
 Ion Ratio Lower Upper
 184 100
 63 109.3 55.8 83.8#
 154 118.8 62.4 93.6#



#54
 Dibenzofuran
 Concen: 11.81 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Tgt Ion:168 Resp: 255072
 Ion Ratio Lower Upper
 168 100
 139 43.4 31.4 47.0
 169 13.4 10.7 16.1





#55

4-Nitrophenol

Concen: 12.18 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

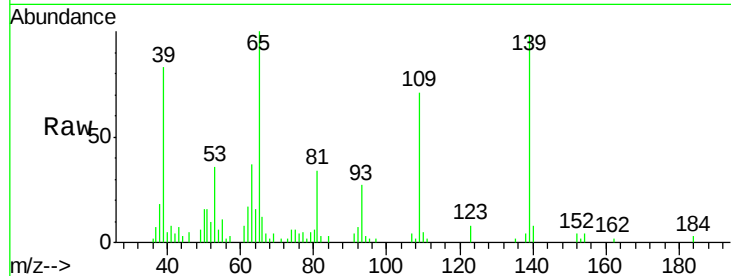
Tgt Ion:139 Resp: 36446

Ion Ratio Lower Upper

139 100

109 73.0 36.9 76.9

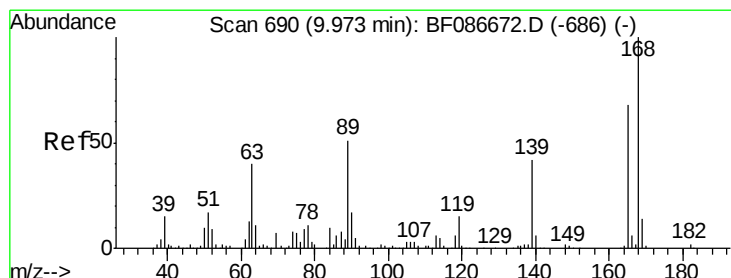
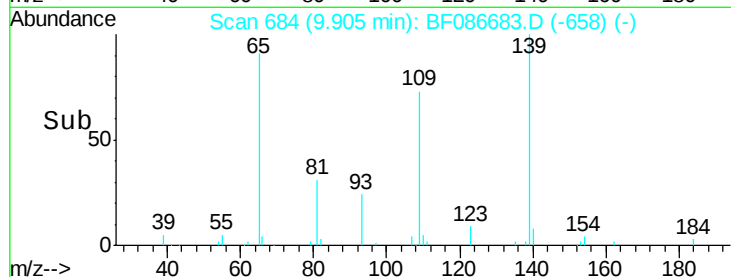
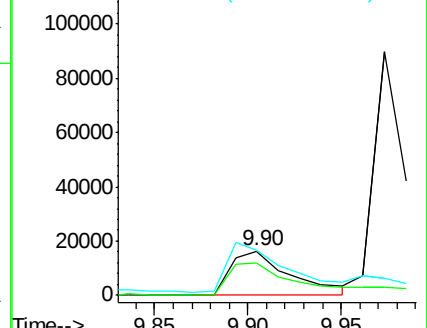
65 102.1 64.0 104.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 10.23 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Tgt Ion:165 Resp: 57229

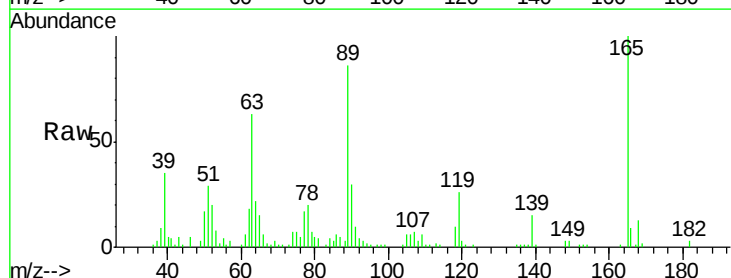
Ion Ratio Lower Upper

165 100

63 63.4 44.3 66.5

89 85.7 70.0 105.0

182 2.6 1.8 2.6

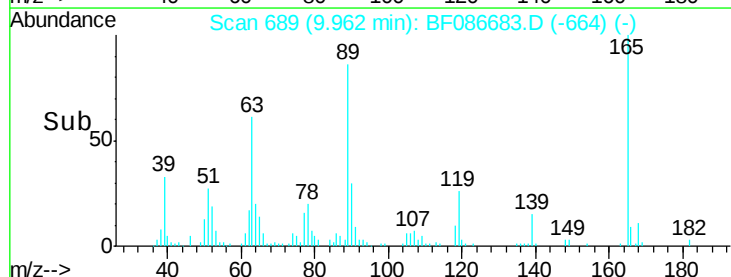
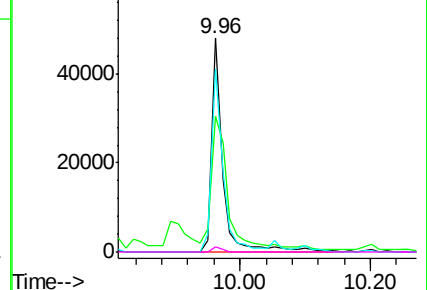


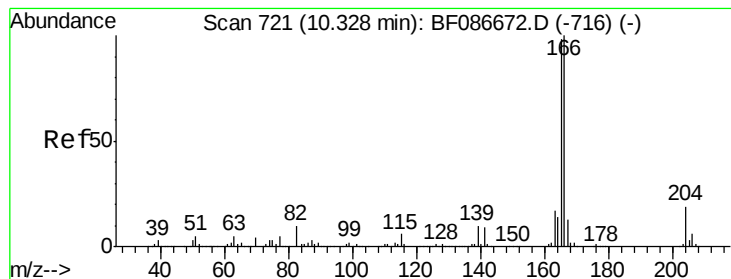
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 11.38 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

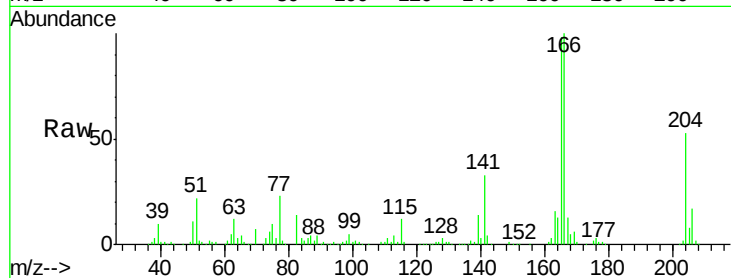
Tgt Ion:166 Resp: 199149

Ion Ratio Lower Upper

166 100

165 97.7 79.0 118.6

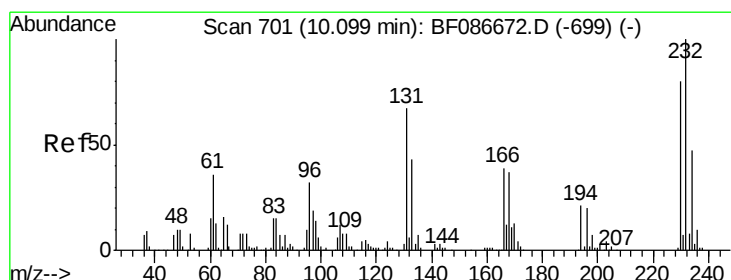
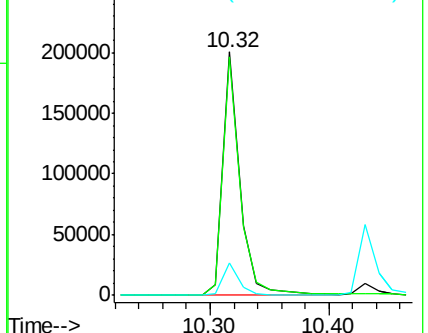
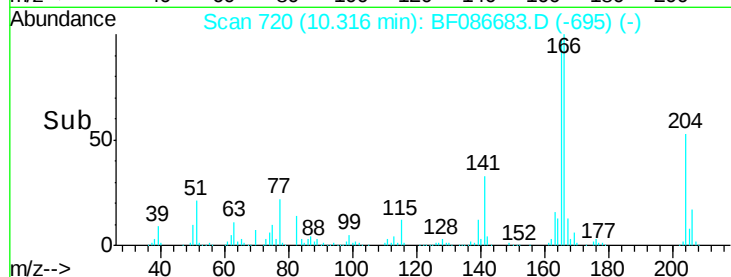
167 13.1 10.6 15.8



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: 11.60 ng

RT: 10.10 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Tgt Ion:232 Resp: 46221

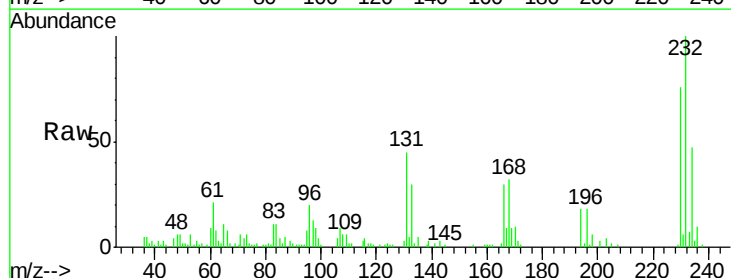
Ion Ratio Lower Upper

232 100

131 50.4 41.9 62.9

130 2.3 2.2 3.4

166 30.8 26.8 40.2

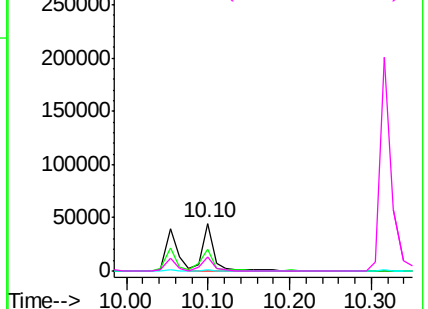
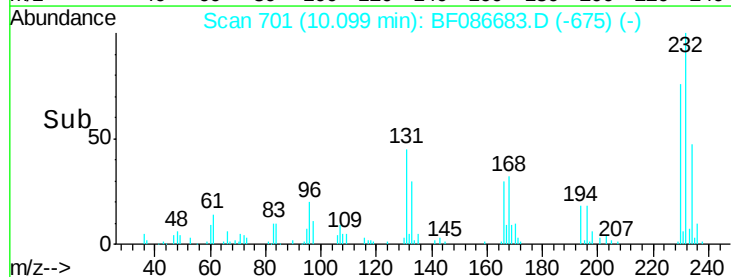


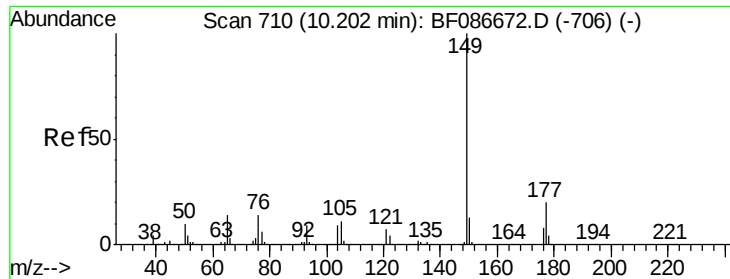
Abundance Ion 232.00 (231.70 to 232.70): E

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

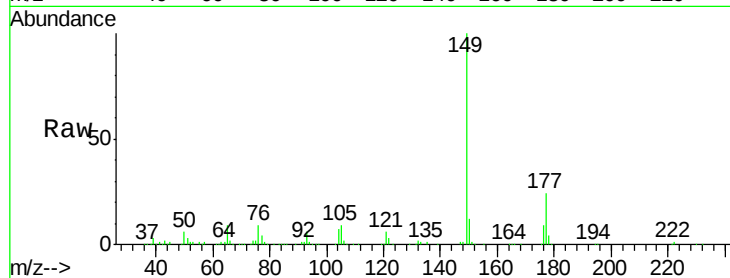




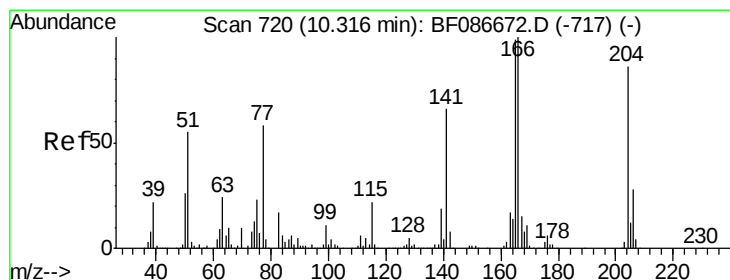
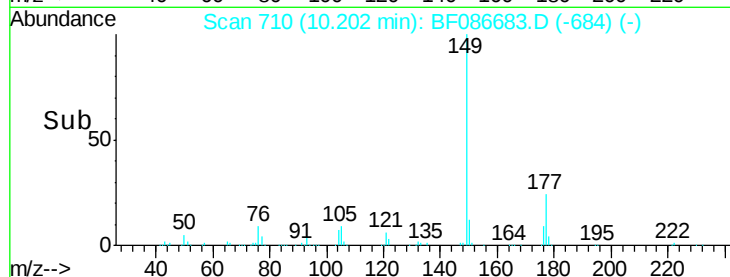
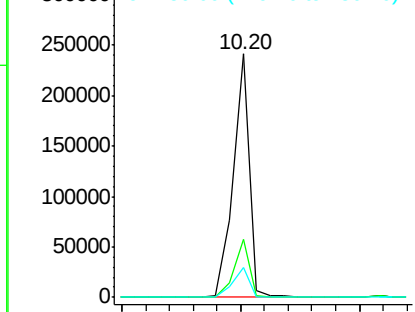
#59
Diethylphthalate
Concen: 11.45 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

Tgt Ion:149 Resp: 227819
Ion Ratio Lower Upper
149 100
177 23.6 16.6 24.8
150 12.2 10.0 15.0

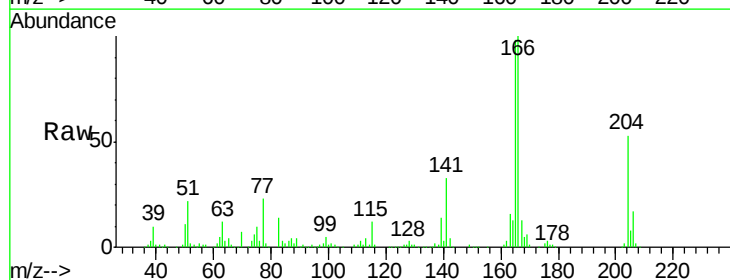


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

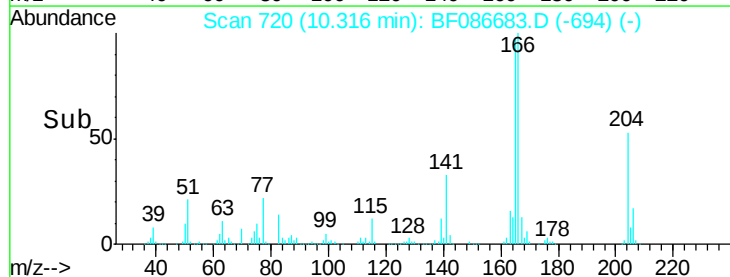
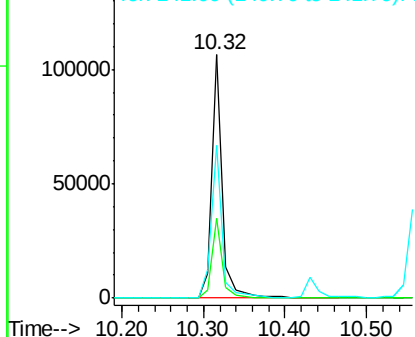


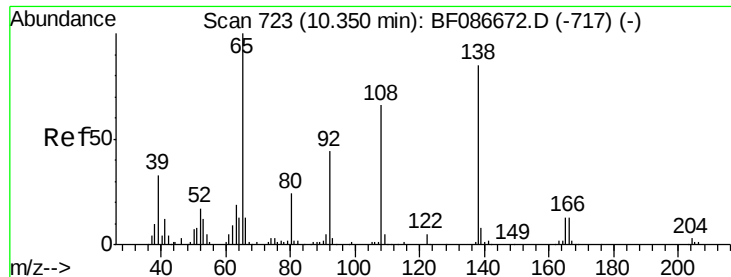
#60
4-Chlorophenyl-phenylether
Concen: 11.68 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion:204 Resp: 97232
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.0
141 62.5 61.6 92.4



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: 8.16 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

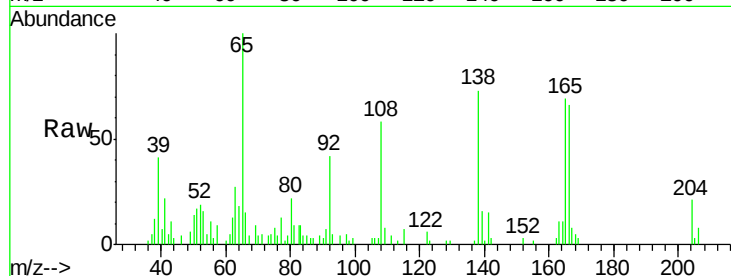
Tgt Ion:138 Resp: 40213

Ion Ratio Lower Upper

138 100

92 57.2 24.7 64.7

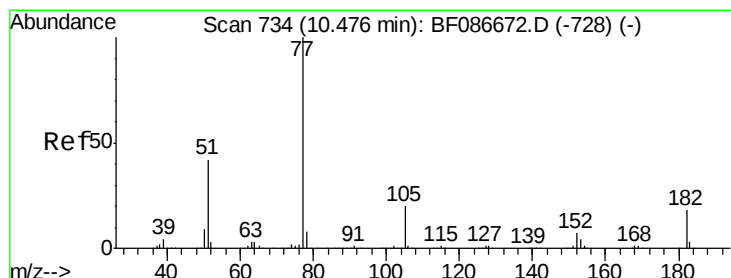
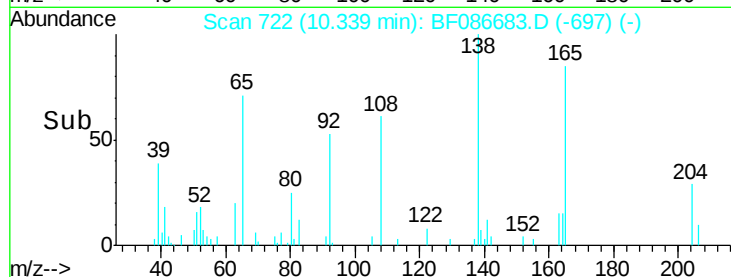
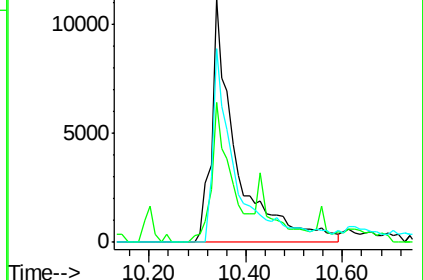
108 79.3 37.4 77.4#



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: 10.54 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Tgt Ion: 77 Resp: 232521

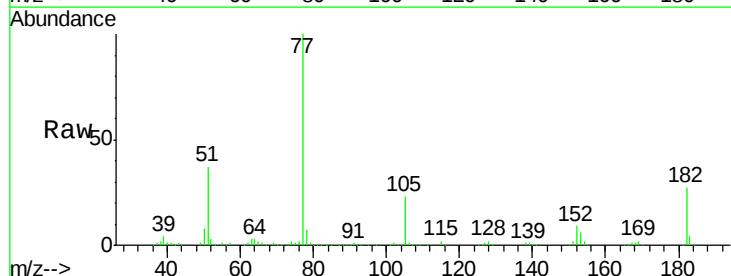
Ion Ratio Lower Upper

77 100

182 27.0 0.0 38.8

105 22.9 3.2 43.2

51 37.2 8.8 48.8

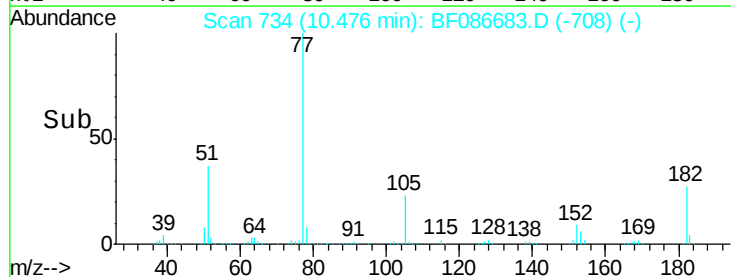
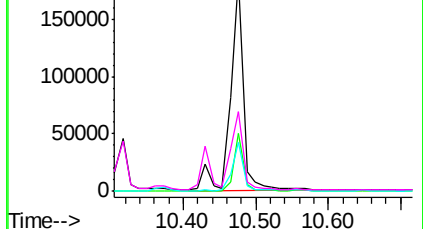


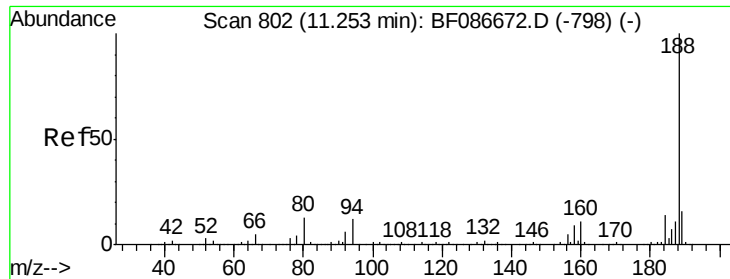
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

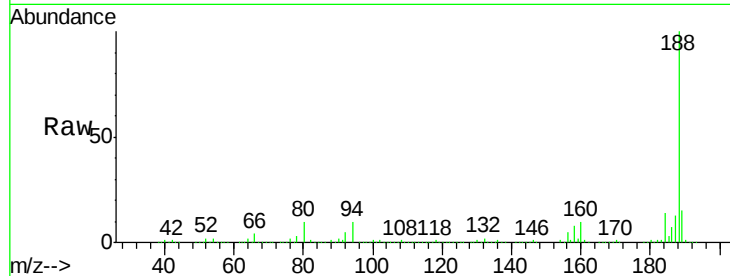




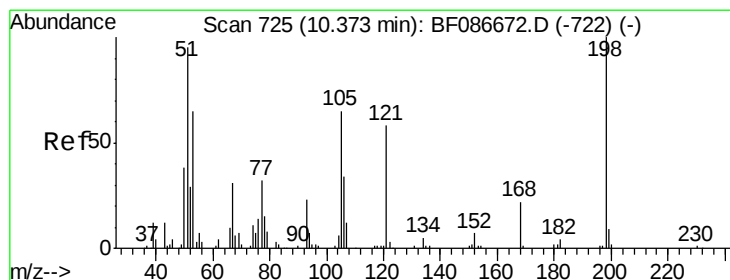
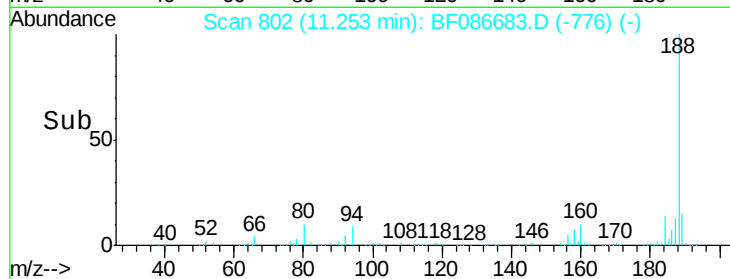
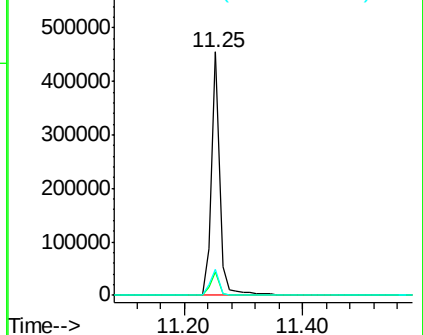
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

Tgt Ion:188 Resp: 441094
Ion Ratio Lower Upper
188 100
94 9.7 6.8 10.2
80 10.4 7.1 10.7

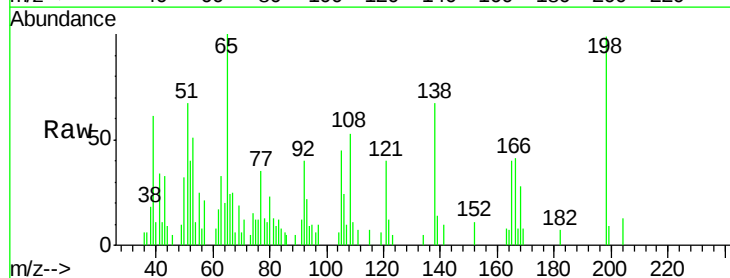


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

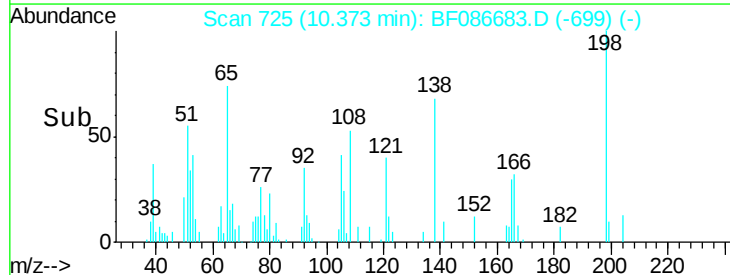
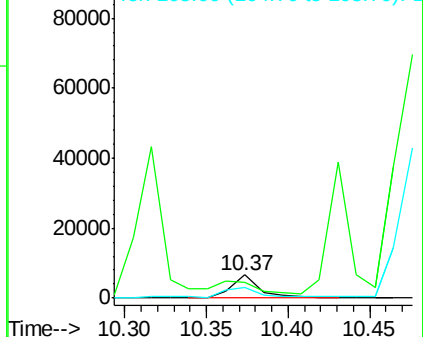


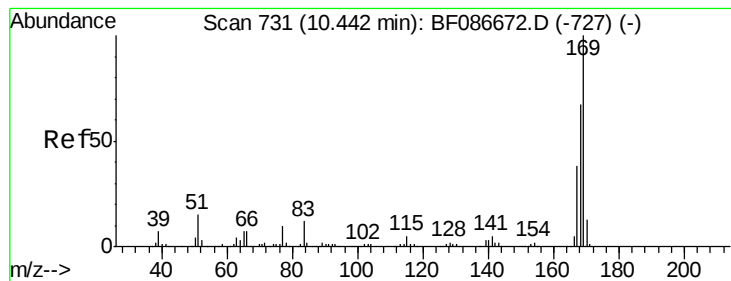
#64
4,6-Dinitro-2-methylphenol
Concen: 9.06 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion:198 Resp: 7704
Ion Ratio Lower Upper
198 100
51 67.7 20.5 60.5#
105 45.6 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

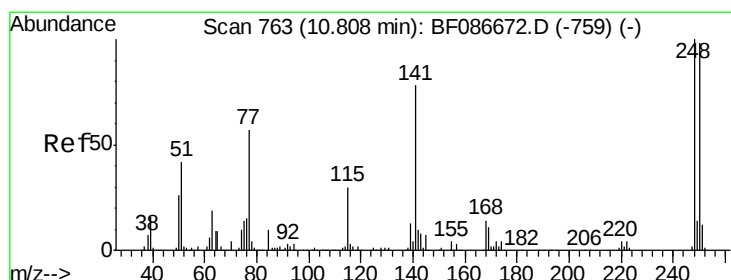
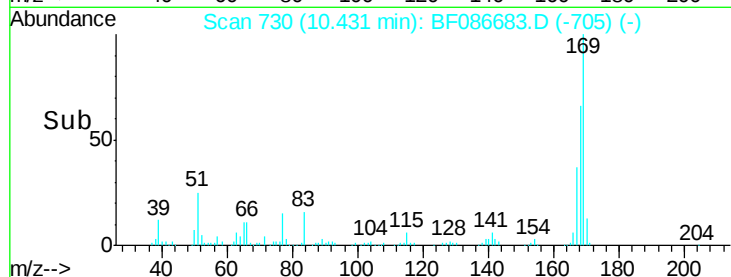
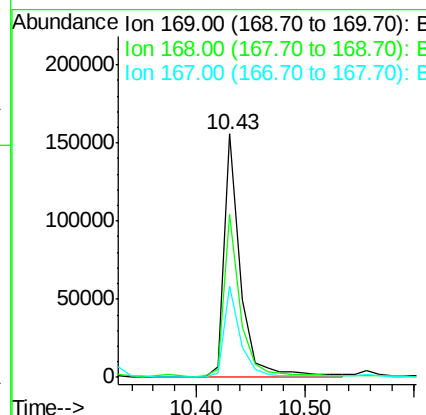
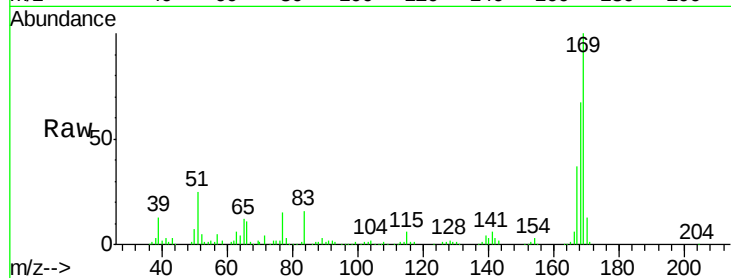




#65
 n-Nitrosodiphenylamine
 Concen: 11.86 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

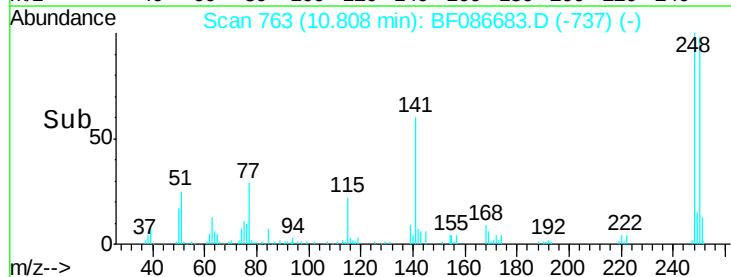
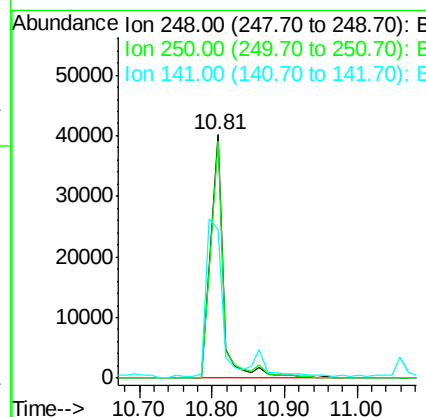
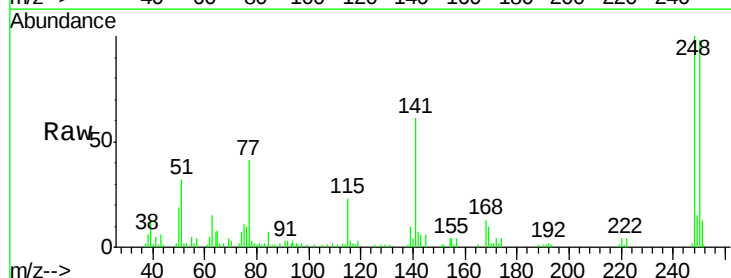
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)MS

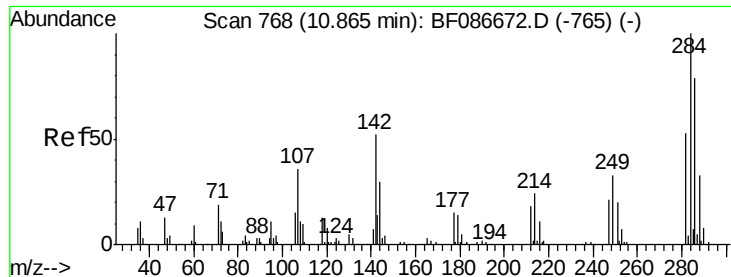
Tgt Ion:169 Resp: 166070
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.8 80.6
 167 37.3 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 11.25 ng
 RT: 10.81 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Tgt Ion:248 Resp: 49320
 Ion Ratio Lower Upper
 248 100
 250 97.6 78.6 117.8
 141 61.1 76.0 114.0#





#67

Hexachlorobenzene

Concen: 10.41 ng

RT: 10.86 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

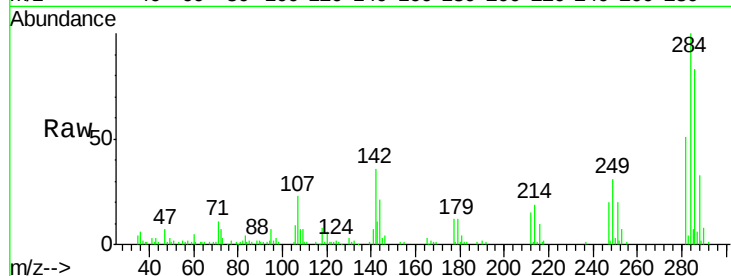
Tgt Ion:284 Resp: 55667

Ion Ratio Lower Upper

284 100

142 36.0 16.7 25.1#

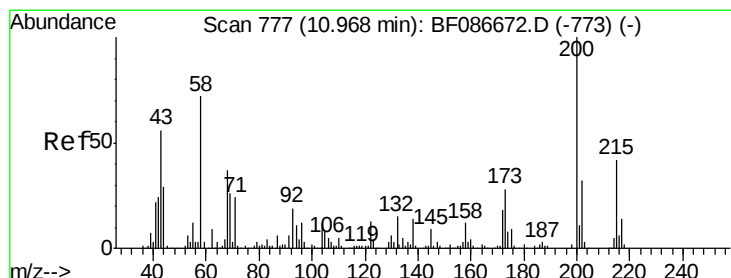
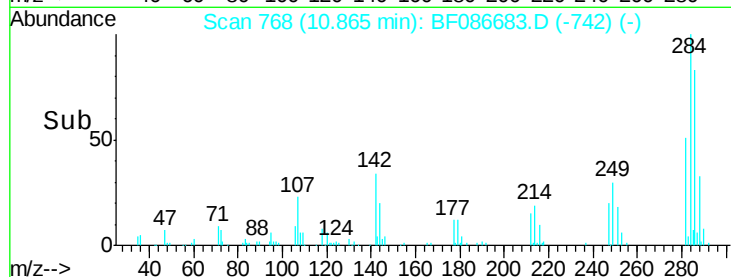
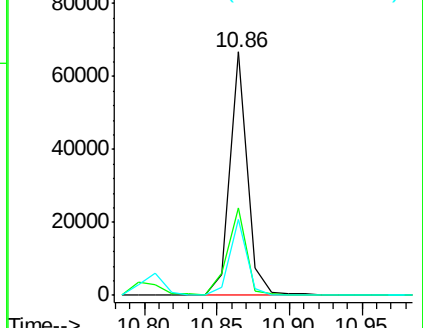
249 31.2 21.3 31.9



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: 10.87 ng

RT: 10.96 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

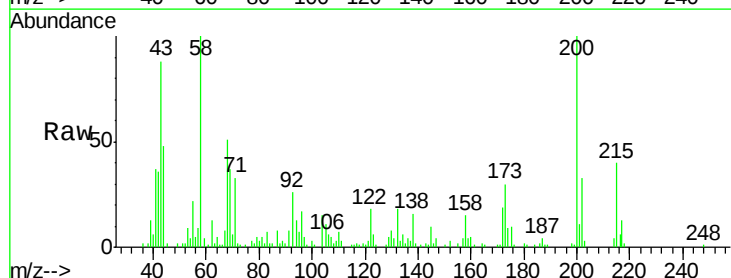
Tgt Ion:200 Resp: 46666

Ion Ratio Lower Upper

200 100

173 29.8 8.5 48.5

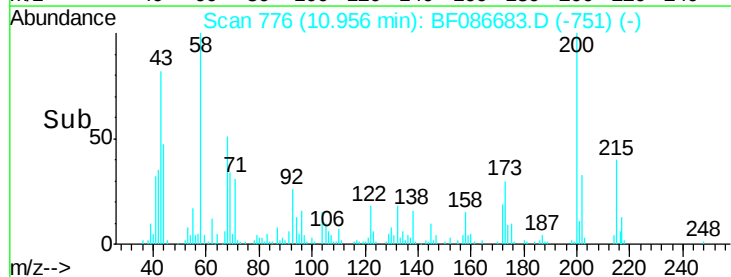
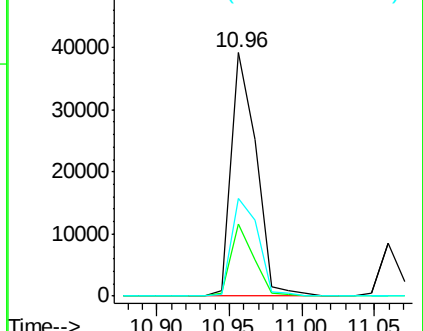
215 40.0 27.2 67.2

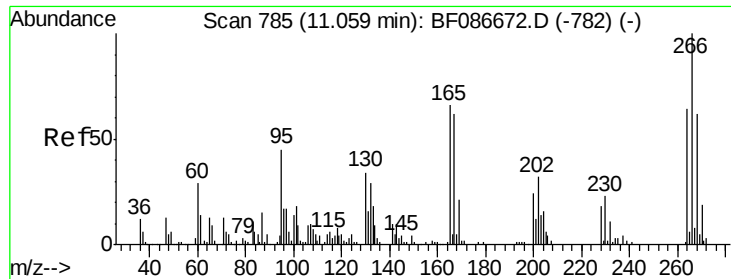


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

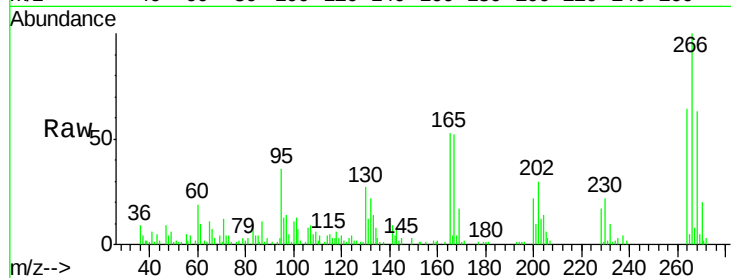




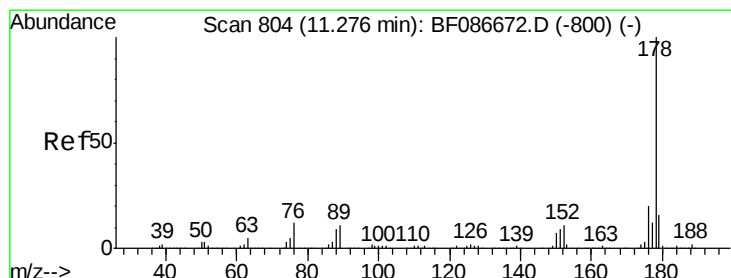
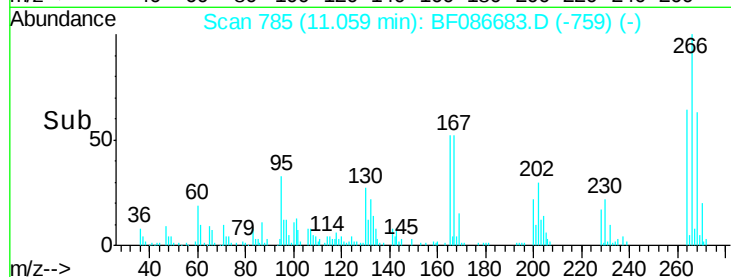
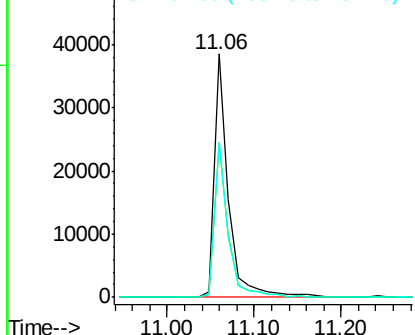
#69
 Pentachlorophenol
 Concen: 21.60 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)MS

Tgt Ion:266 Resp: 44142
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.5 77.3
 264 63.5 52.9 79.3

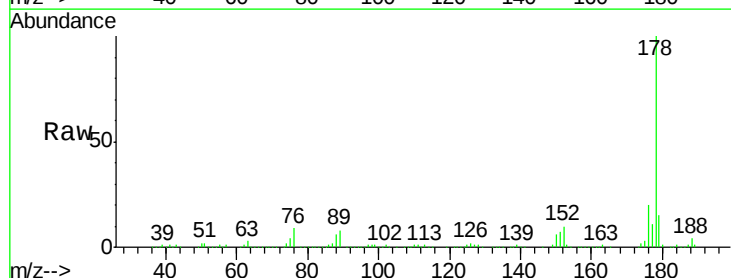


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

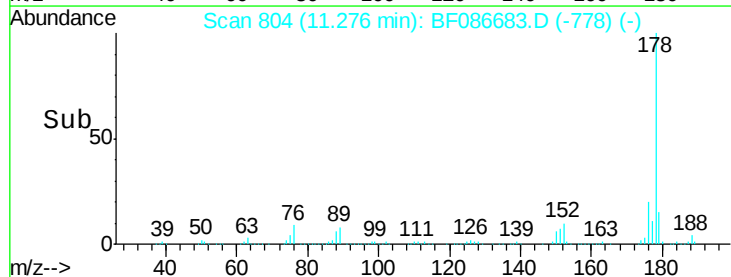
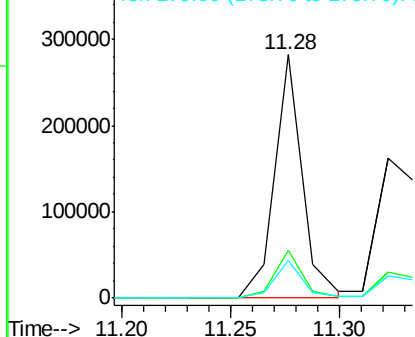


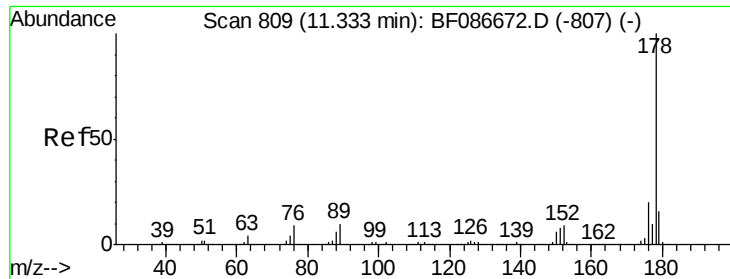
#70
 Phenanthrene
 Concen: 10.71 ng
 RT: 11.28 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Tgt Ion:178 Resp: 253654
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 15.5 12.6 18.8



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: 10.31 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

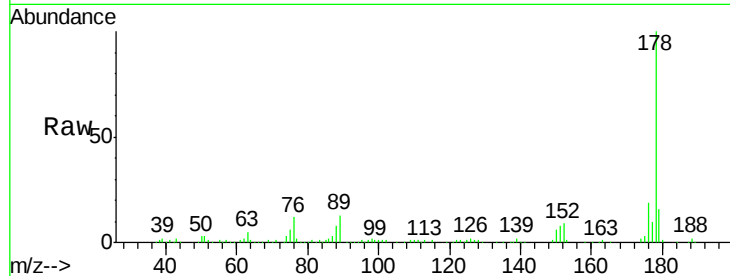
Tgt Ion:178 Resp: 255731

Ion Ratio Lower Upper

178 100

176 18.8 15.6 23.4

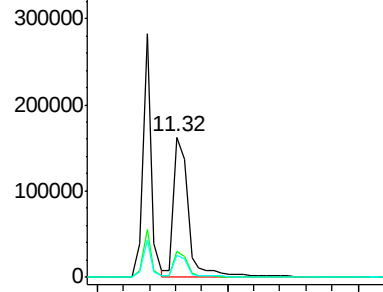
179 15.6 12.7 19.1



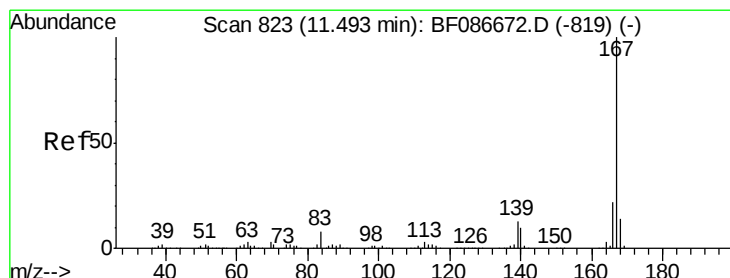
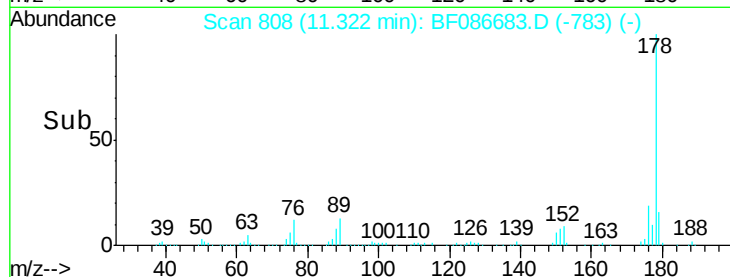
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 11.20 11.40 11.60



#72

Carbazole

Concen: 10.04 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

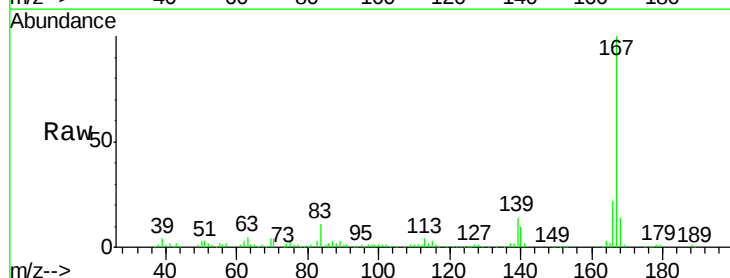
Tgt Ion:167 Resp: 216398

Ion Ratio Lower Upper

167 100

166 21.7 17.7 26.5

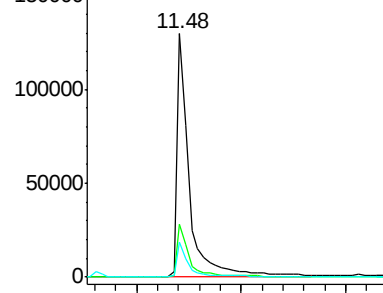
139 14.2 10.8 16.2



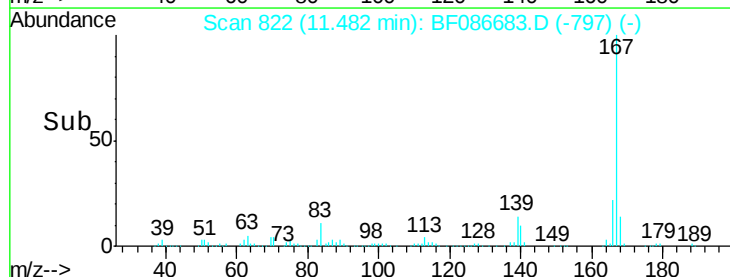
Abundance Ion 167.00 (166.70 to 167.70): E

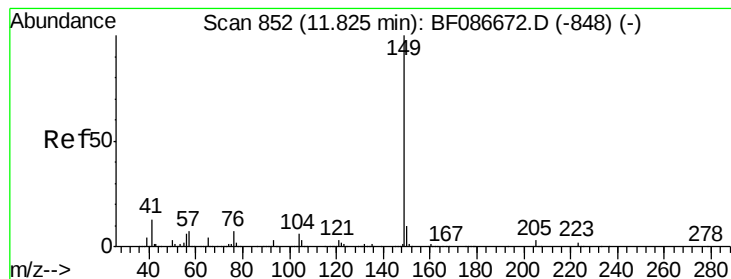
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 11.40 11.60 11.80





#73

Di-n-butylphthalate

Concen: 11.21 ng

RT: 11.82 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

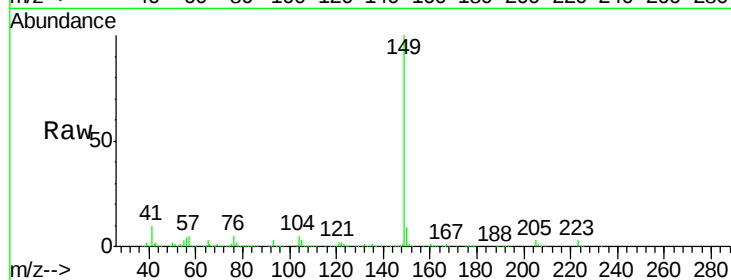
Tgt Ion:149 Resp: 286801

Ion Ratio Lower Upper

149 100

150 8.8 7.6 11.4

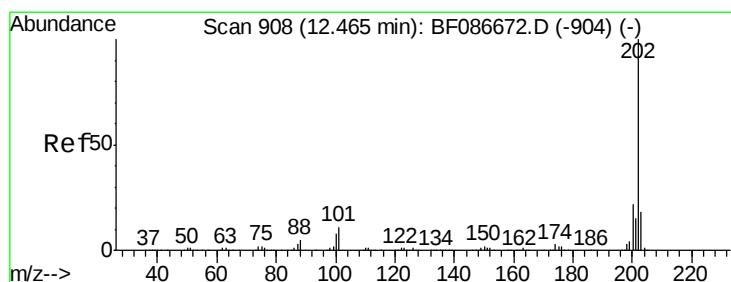
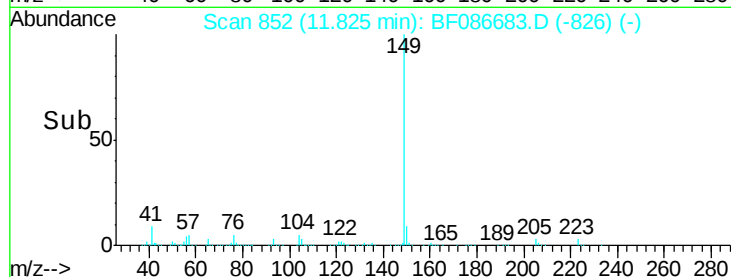
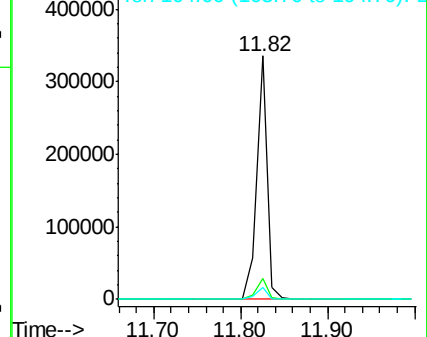
104 4.9 3.8 5.6



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: 10.11 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

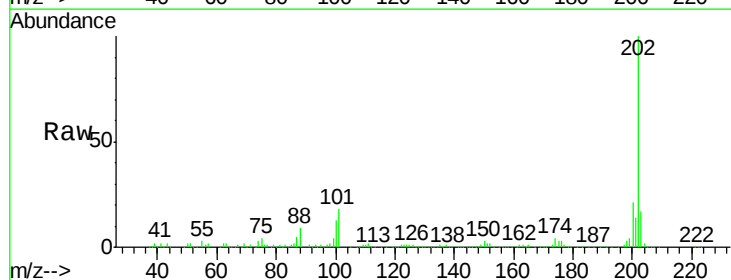
Tgt Ion:202 Resp: 240119

Ion Ratio Lower Upper

202 100

101 17.6 0.0 35.4

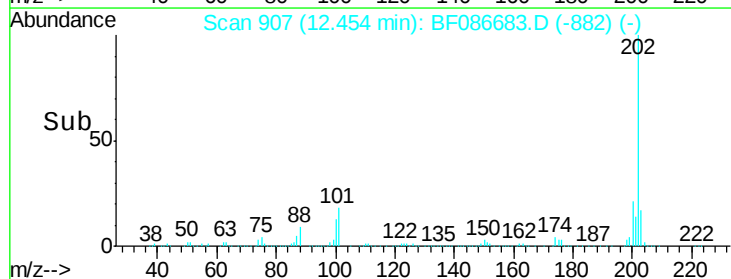
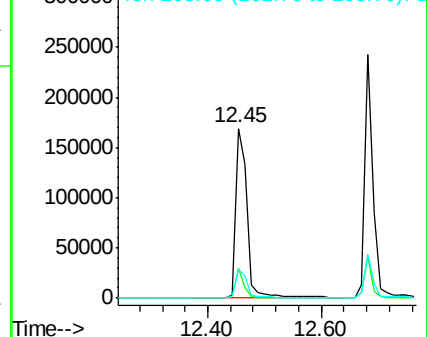
203 16.9 0.0 38.1

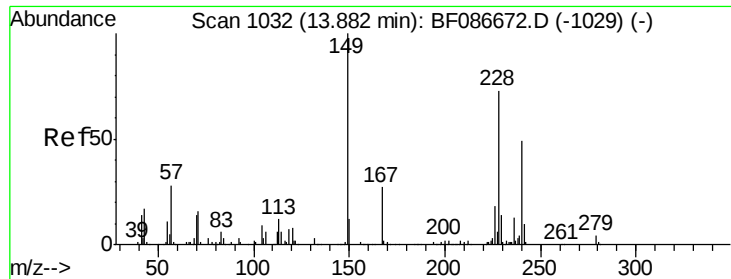


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

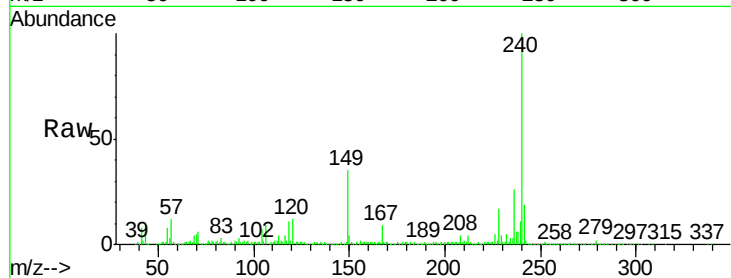




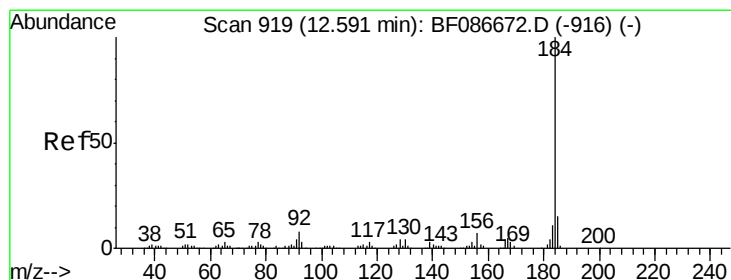
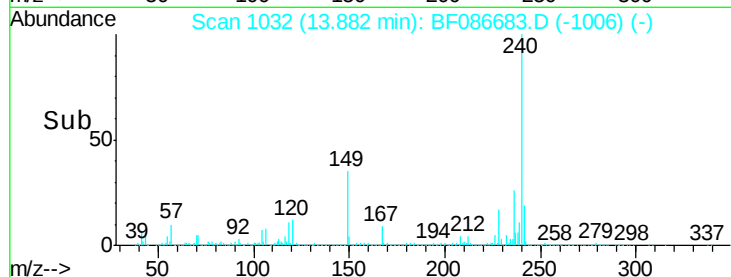
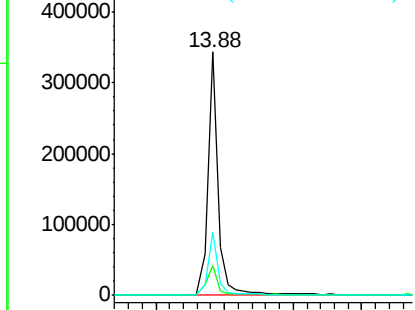
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

Tgt Ion:240 Resp: 354723
Ion Ratio Lower Upper
240 100
120 12.2 11.2 16.8
236 25.9 21.2 31.8

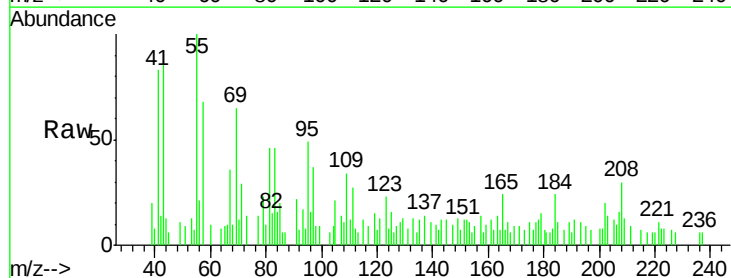


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

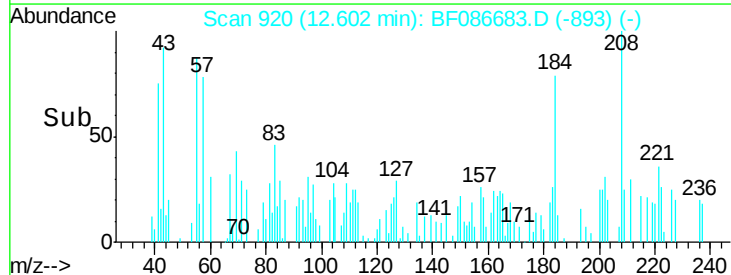
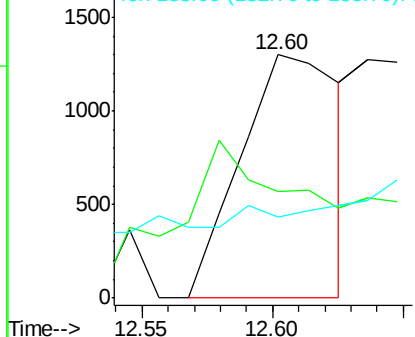


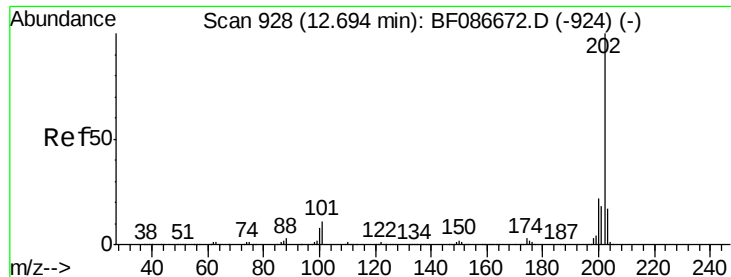
#76
Benzidine
Concen: 7.40 ng
RT: 12.60 min Scan# 920
Delta R.T. 0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion:184 Resp: 3445
Ion Ratio Lower Upper
184 100
185 43.7 13.6 20.4#
183 33.4 9.8 14.6#



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

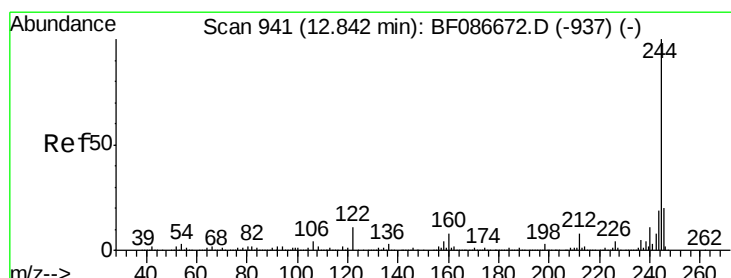
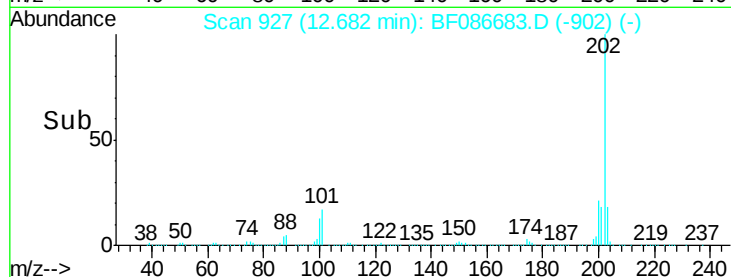
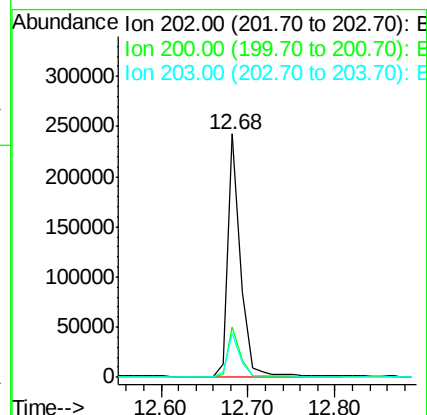
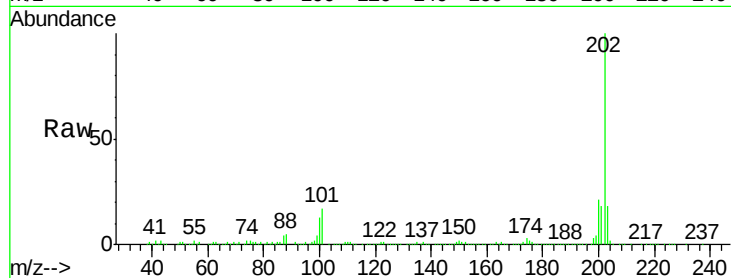




#77
 Pyrene
 Concen: 8.80 ng
 RT: 12.68 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

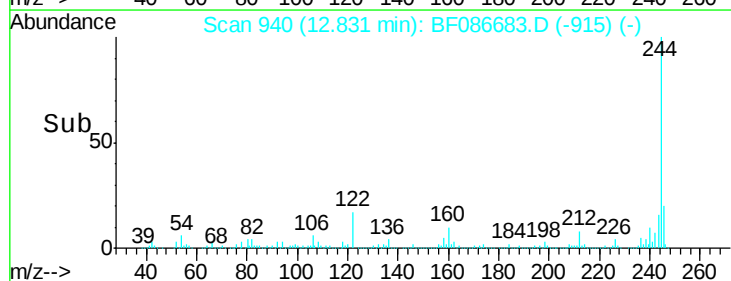
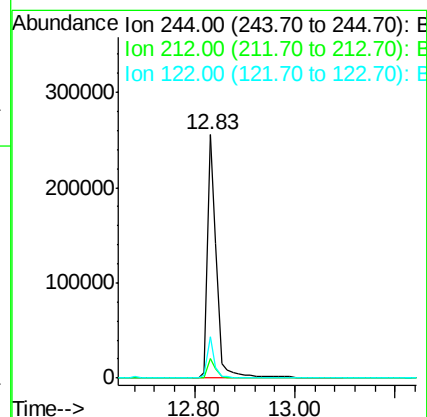
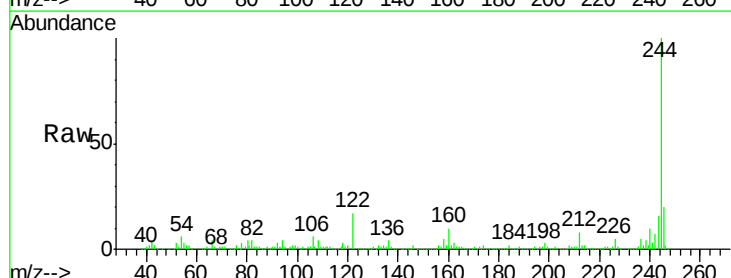
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)MS

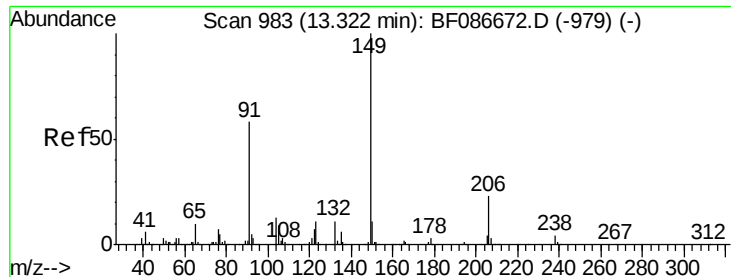
Tgt Ion:202 Resp: 248933
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.7 26.5
 203 18.1 14.2 21.4



#78
 Terphenyl-d14
 Concen: 17.96 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Tgt Ion:244 Resp: 315150
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 17.2 12.0 18.0

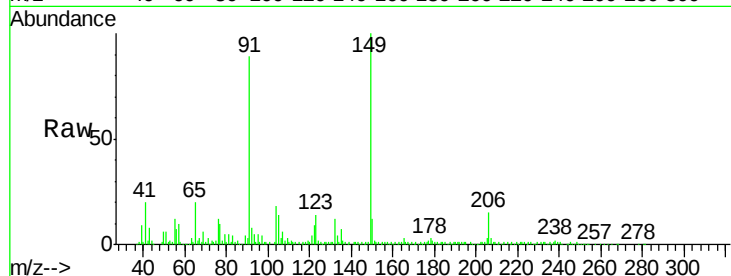




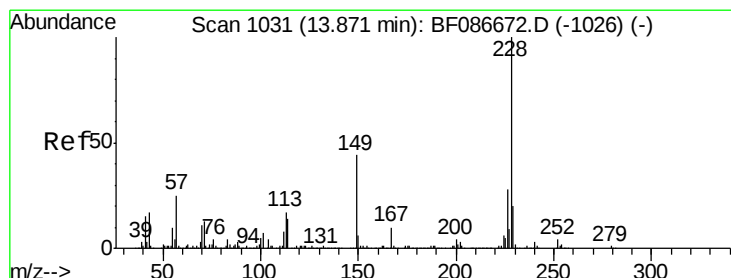
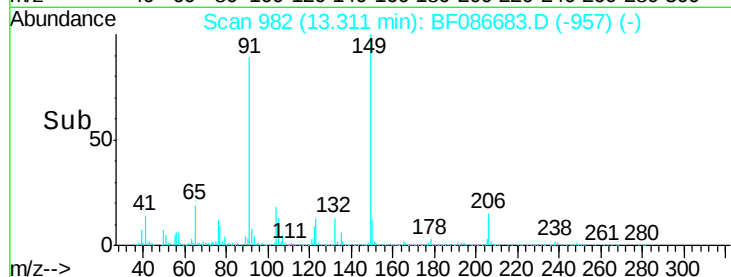
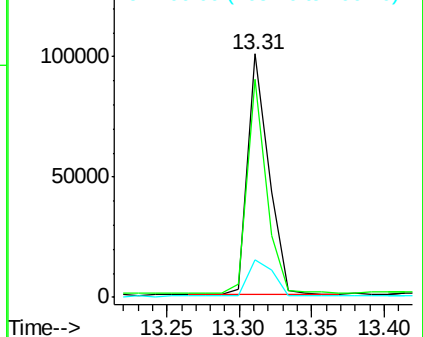
#79
Butylbenzylphthalate
Concen: 8.57 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	89.5	48.0	72.0#
206	15.3	15.8	23.6#

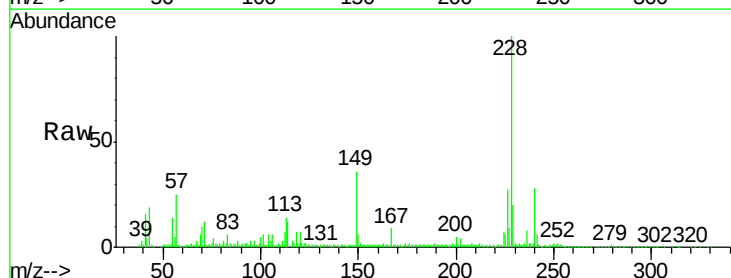


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

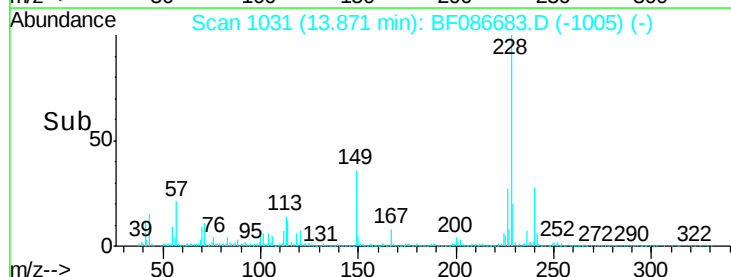
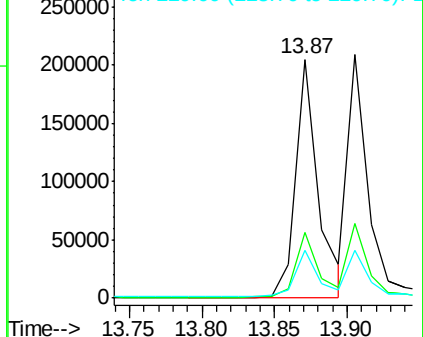


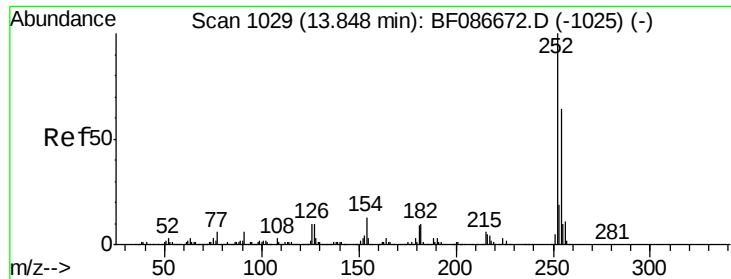
#80
Benzo(a)anthracene
Concen: 10.97 ng
RT: 13.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.5	33.7
229	20.0	16.6	25.0



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

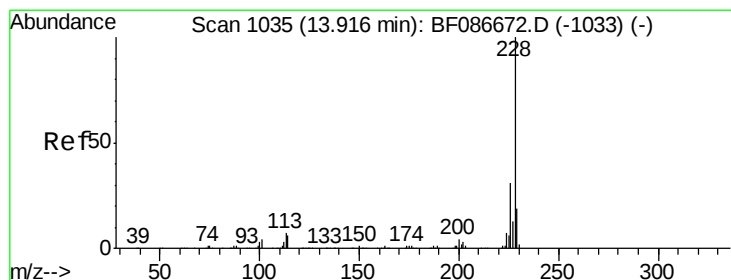
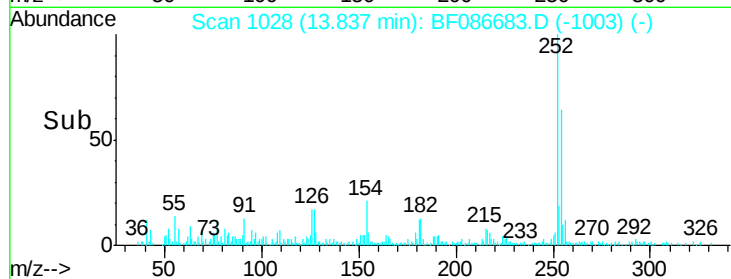
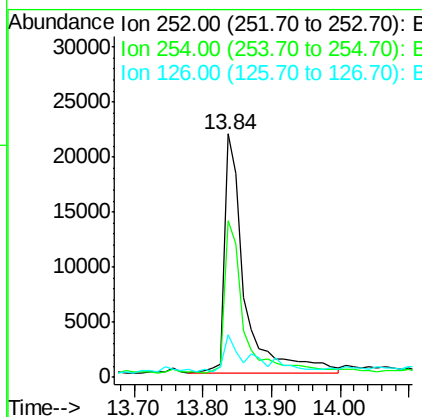
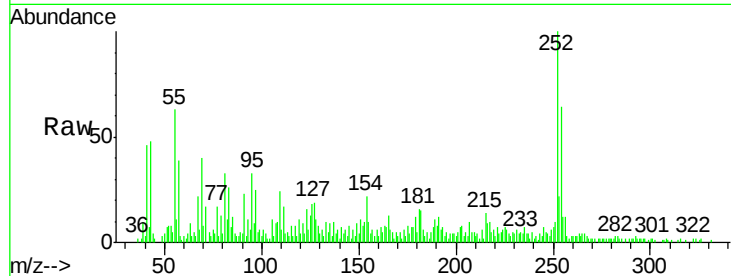




#81
 3,3'-Dichlorobenzidine
 Concen: 3.50 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

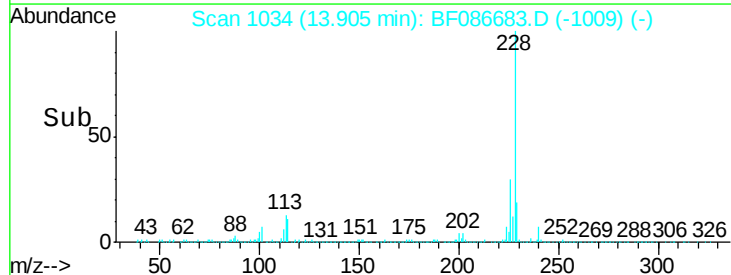
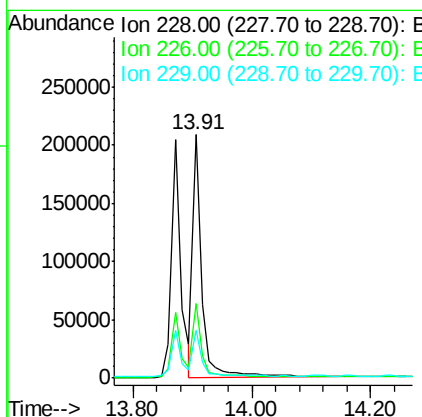
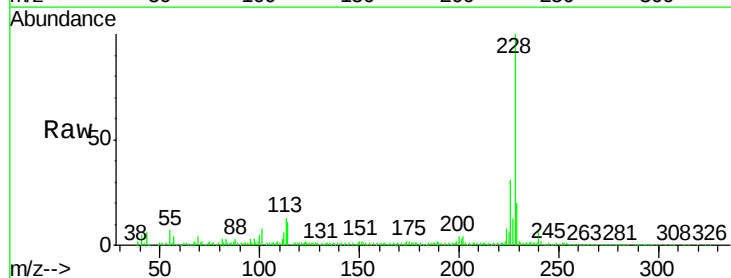
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)MS

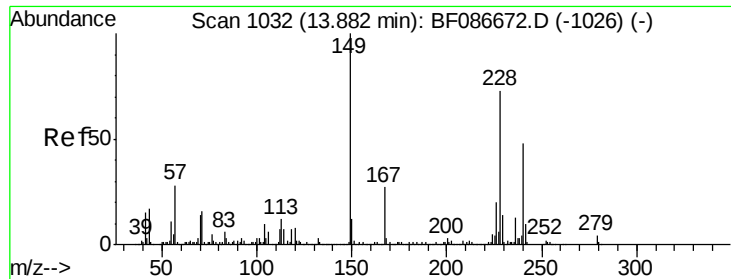
Tgt Ion: 252 Resp: 44082
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.7 76.1
 126 17.8 12.7 19.1



#82
 Chrysene
 Concen: 10.32 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Tgt Ion: 228 Resp: 220963
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.4 36.6
 229 19.7 15.8 23.8

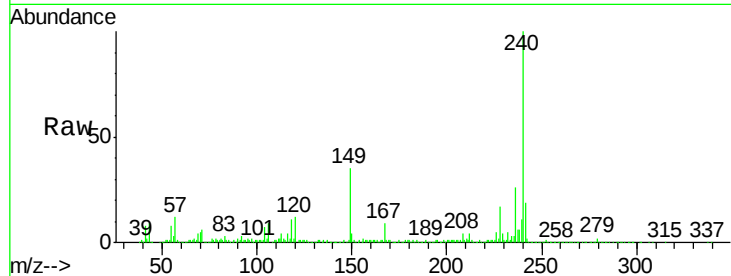




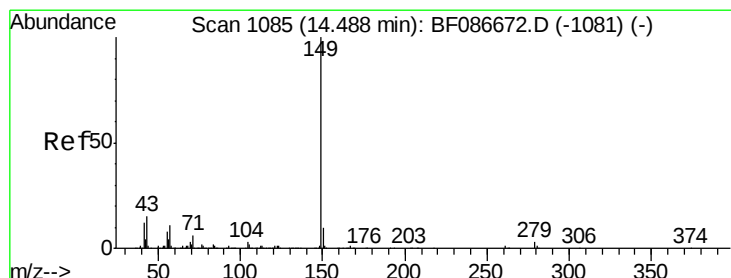
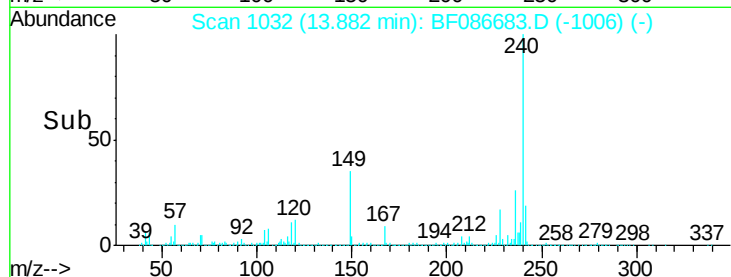
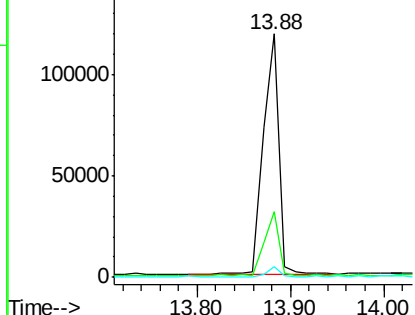
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 10.01 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)MS

Tgt Ion:149 Resp: 137171
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.8 32.6
 279 4.5 2.6 4.0#

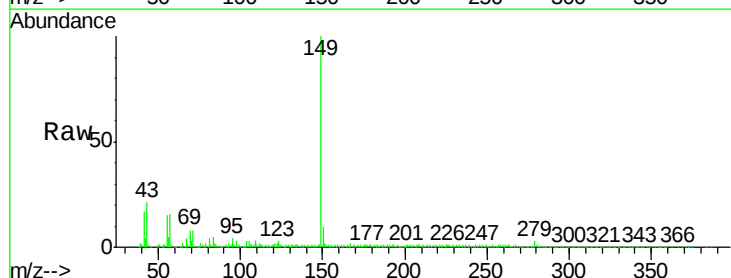


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

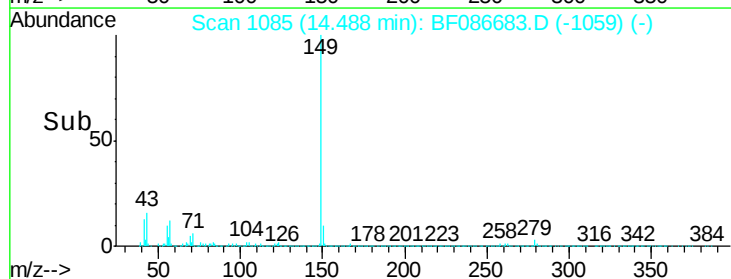
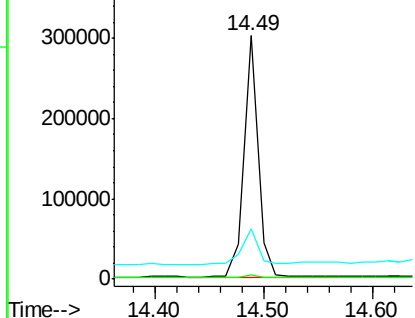


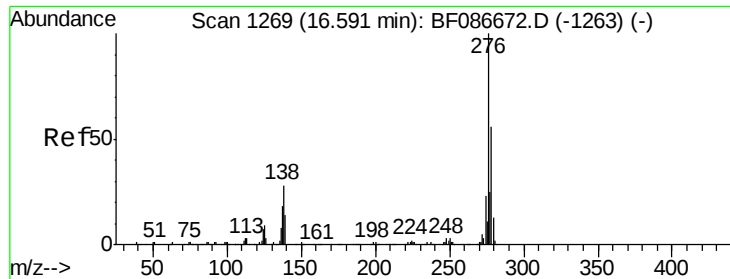
#84
 Di-n-octyl phthalate
 Concen: 13.34 ng
 RT: 14.49 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Tgt Ion:149 Resp: 269010
 Ion Ratio Lower Upper
 149 100
 167 2.3 1.2 1.8#
 43 16.5 8.2 12.4#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 10.64 ng

RT: 16.59 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

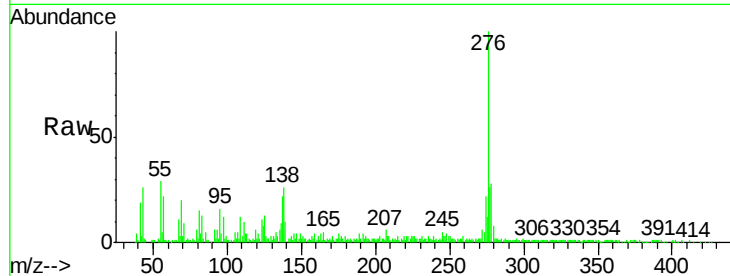
Tgt Ion:276 Resp: 195312

Ion Ratio Lower Upper

276 100

138 26.1 25.6 38.4

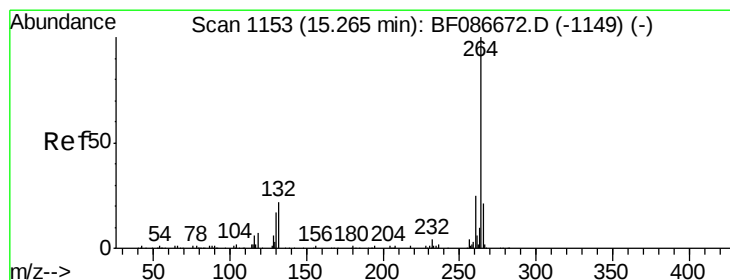
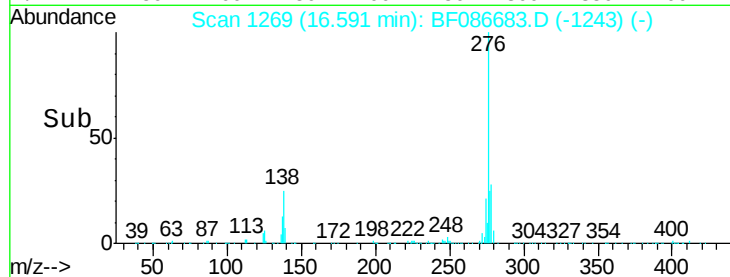
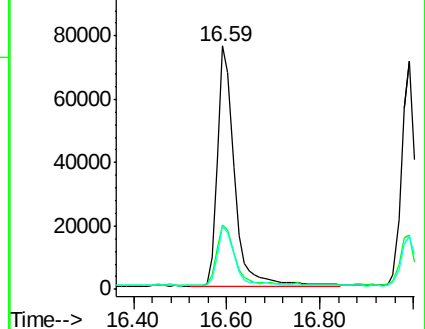
277 24.8 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 40.00 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

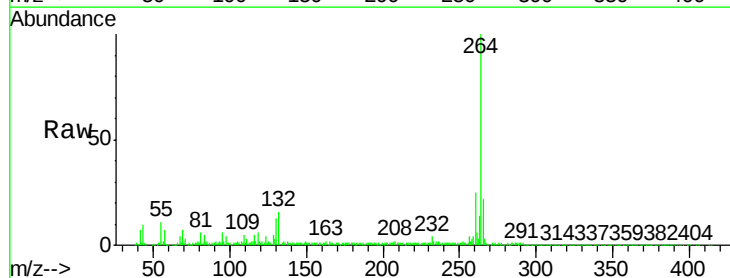
Tgt Ion:264 Resp: 351877

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

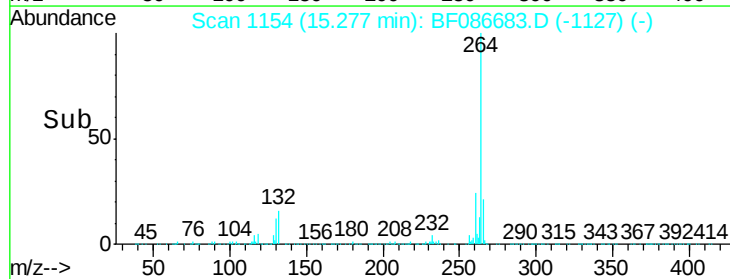
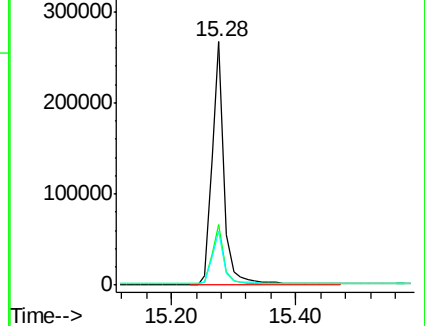
265 22.0 17.3 25.9

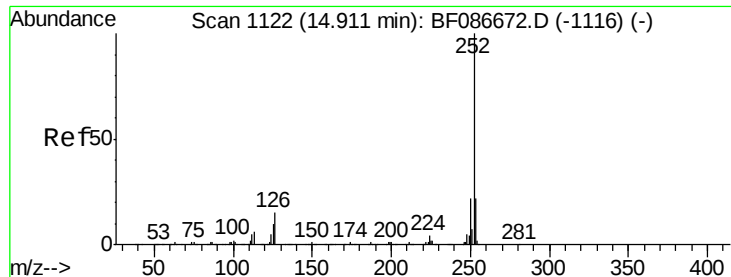


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

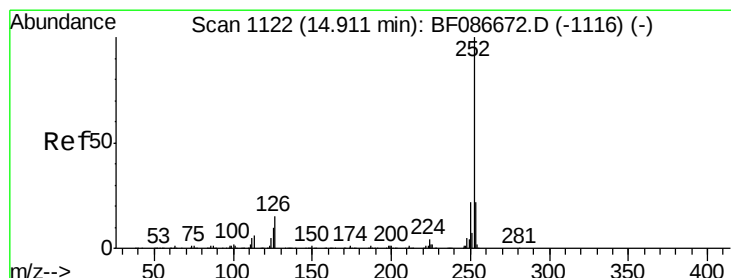
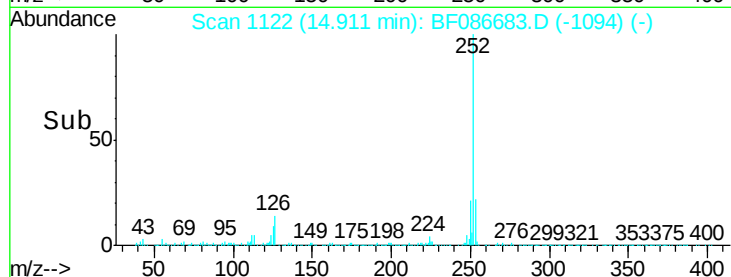
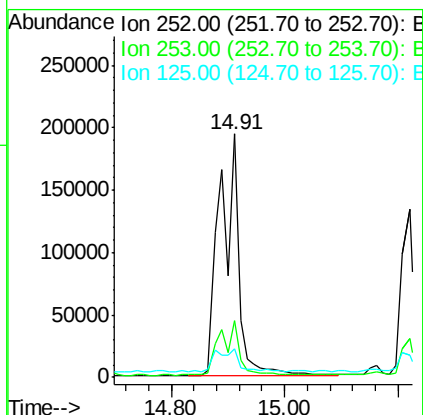
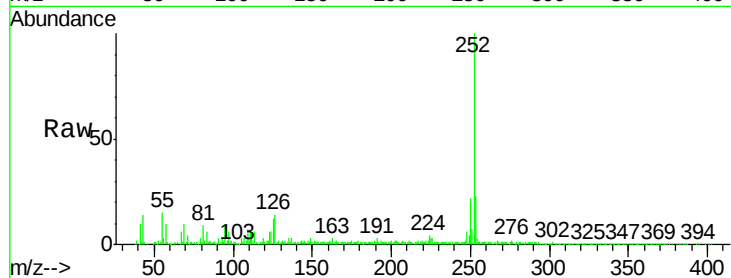




#87
Benzo(b)fluoranthene
Concen: 21.48 ng
RT: 14.91 min Scan# 1122
Delta R.T. 0.02 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

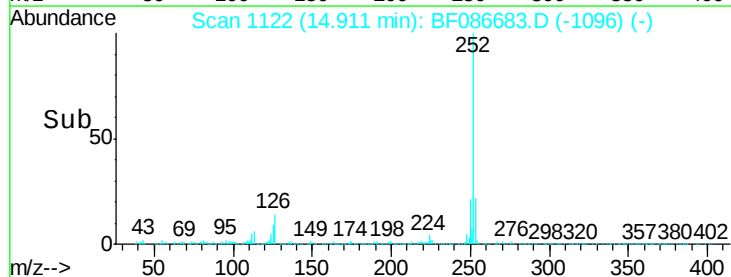
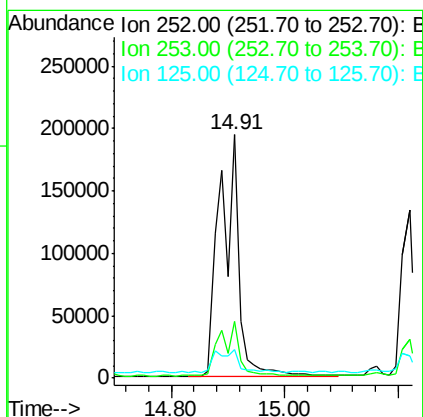
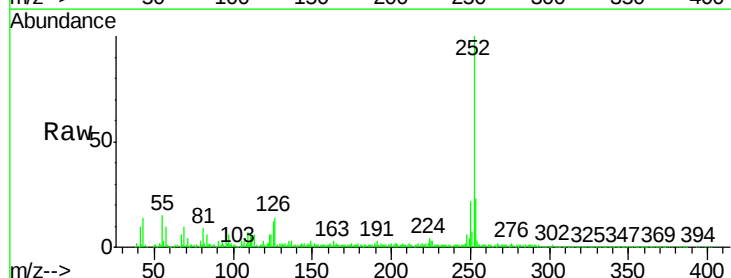
Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

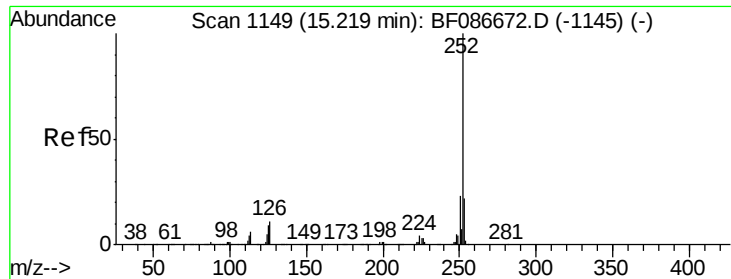
Tgt Ion:252 Resp: 454168
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 11.9 11.4 17.0



#88
Benzo(k)fluoranthene
Concen: 22.80 ng
RT: 14.91 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion:252 Resp: 454168
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 11.9 9.1 13.7





#89

Benzo(a)pyrene

Concen: 10.32 ng

RT: 15.22 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

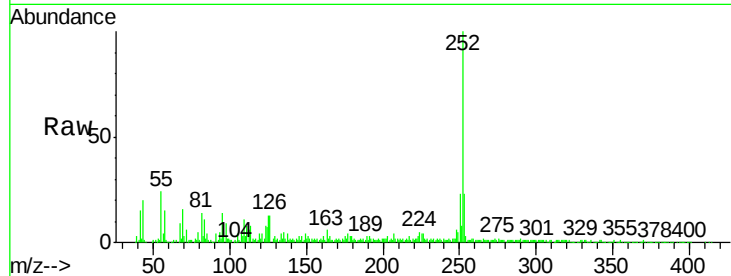
Tgt Ion:252 Resp: 200925

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

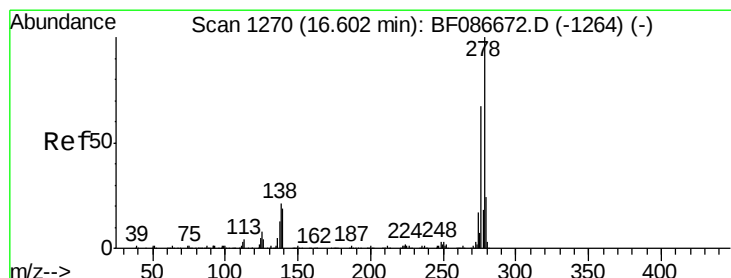
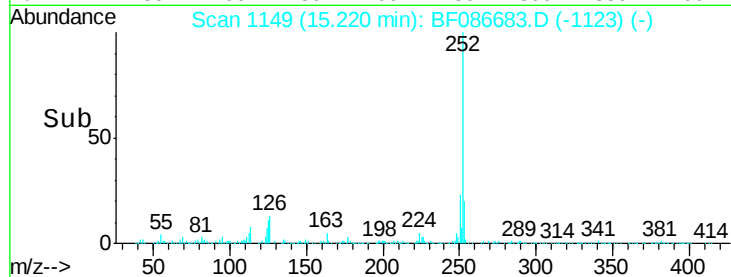
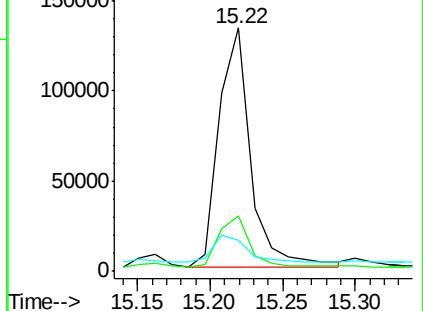
125 13.0 9.0 13.6



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: 8.64 ng

RT: 16.61 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

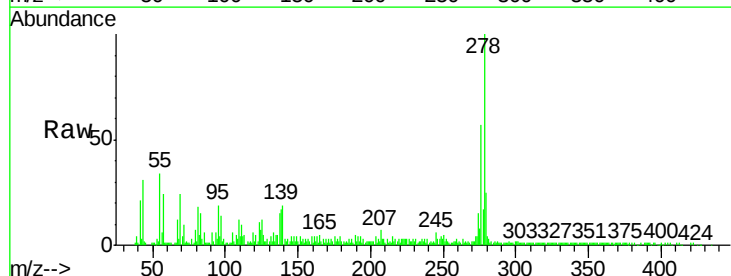
Tgt Ion:278 Resp: 161606

Ion Ratio Lower Upper

278 100

139 19.0 16.6 24.8

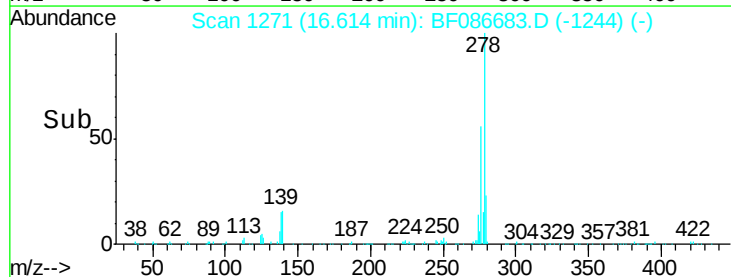
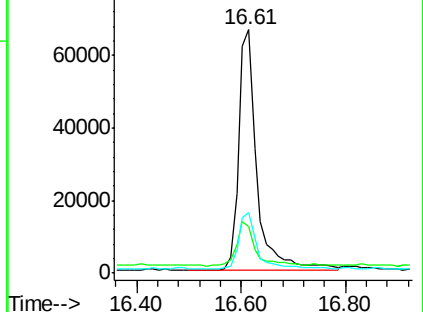
279 24.8 19.6 29.4

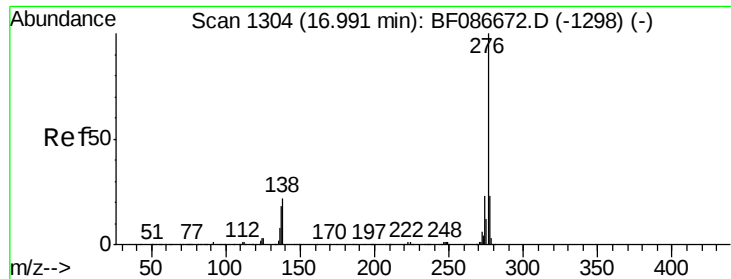


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

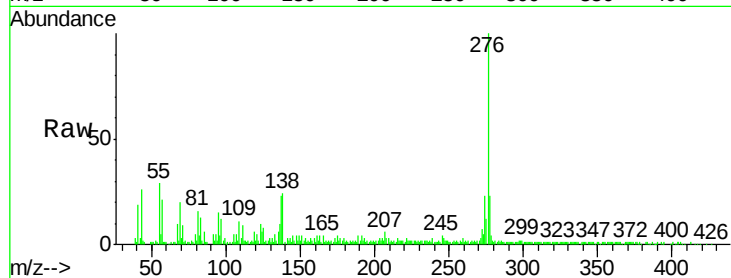




#91
 Benzo(g,h,i)perylene
 Concen: 7.68 ng
 RT: 16.99 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.6	29.4
138	23.8	23.6	35.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

