

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\OLD\
 Data File : BF086477.D
 Acq On : 28 Apr 2016 21:54
 Operator : UM/SJ
 Sample : H2654-06MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)MS

Quant Time: Apr 29 08:54:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	160439	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	679153	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	291621	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	510640	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	298710	20.00	ng	-0.02
86) Perylene-d12	15.33	264	319294	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	960293	103.24	ng	0.00
7) Phenol-d6	6.43	99	1223756	94.27	ng	-0.01
23) Nitrobenzene-d5	7.36	82	794484	63.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	273229	88.85	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1226727	70.87	ng	-0.02
78) Terphenyl-d14	12.89	244	852390	62.87	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.38	88	121461	24.86	ng	# 77
3) Pyridine	3.08	79	346667	29.98	ng	# 71
4) n-Nitrosodimethylamine	3.02	42	229626	34.84	ng	# 58
6) Aniline	6.45	93	386814	24.62	ng	97
8) 2-Chlorophenol	6.57	128	348786	30.11	ng	# 77
9) Benzaldehyde	6.33	77	69936	9.26	ng	97
10) Phenol	6.44	94	479628	33.12	ng	# 68
11) bis(2-Chloroethyl)ether	6.53	93	420238	33.56	ng	99
12) 1,3-Dichlorobenzene	6.73	146	382243	30.67	ng	96
13) 1,4-Dichlorobenzene	6.81	146	393931	30.64	ng	98
14) 1,2-Dichlorobenzene	6.96	146	357653	30.33	ng	97
15) Benzyl Alcohol	6.93	79	312268	38.02	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.07	45	772350	30.82	ng	88
17) 2-Methylphenol	7.05	107	302975	32.36	ng	# 93
18) Hexachloroethane	7.30	117	140524	29.25	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	268171	31.25	ng	# 70
20) 3+4-Methylphenols	7.21	107	370320	34.64	ng	91
22) Acetophenone	7.21	105	523531	35.16	ng	# 89
24) Nitrobenzene	7.38	77	428449	33.06	ng	# 90
25) Isophorone	7.62	82	798558	32.93	ng	97
26) 2-Nitrophenol	7.69	139	190291	31.89	ng	# 72
27) 2,4-Dimethylphenol	7.73	122	350566	33.48	ng	92
28) bis(2-Chloroethoxy)methane	7.84	93	474728	35.93	ng	99
29) 2,4-Dichlorophenol	7.94	162	309304	35.01	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	325189	31.73	ng	98
31) Naphthalene	8.10	128	1135430	32.86	ng	99
32) Benzoic acid	7.73	122	350566	53.96	ng	# 22
33) 4-Chloroaniline	8.14	127	260530	20.13	ng	# 92
34) Hexachlorobutadiene	8.21	225	169686	29.53	ng	97
35) Caprolactam	8.51	113	90410	30.68	ng	# 53
36) 4-Chloro-3-methylphenol	8.64	107	325277	32.16	ng	93
37) 2-Methylnaphthalene	8.78	142	652544	32.00	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	281826	33.76	ng	97
40) Hexachlorocyclopentadiene	8.94	237	191834	46.25	ng	95

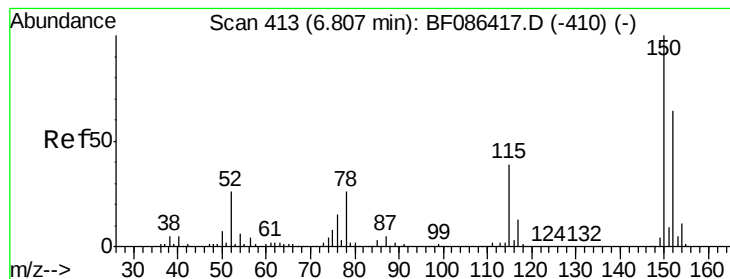
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	193733	36.72	nq	94
43) 2,4,5-Trichlorophenol	9.12	196	202820	35.27	nq	96
45) 1,1'-Biphenyl	9.25	154	807804	33.14	nq	96
46) 2-Chloronaphthalene	9.28	162	603520	32.56	nq	94
47) 2-Nitroaniline	9.38	65	224944	37.85	nq	96
48) Acenaphthylene	9.69	152	904491	31.22	nq	99
49) Dimethylphthalate	9.56	163	924962	42.13	nq	99
50) 2,6-Dinitrotoluene	9.62	165	160029	35.28	nq	95
51) Acenaphthene	9.86	154	575503	30.93	nq	98
52) 3-Nitroaniline	9.79	138	149454	28.97	nq	92
53) 2,4-Dinitrophenol	9.89	184	42678	23.36	nq	97
54) Dibenzofuran	10.03	168	807669	34.73	nq	94
55) 4-Nitrophenol	9.95	139	197040	58.34	nq	# 67
56) 2,4-Dinitrotoluene	10.02	165	195684	33.85	nq	95
57) Fluorene	10.37	166	574491	28.45	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	161923	36.01	nq	93
59) Diethylphthalate	10.26	149	729242	35.09	nq	97
60) 4-Chlorophenyl-phenylether	10.37	204	305377	33.31	nq	# 85
61) 4-Nitroaniline	10.40	138	151142	29.98	nq	79
62) Azobenzene	10.53	77	826497	36.31	nq	91
64) 4,6-Dinitro-2-methylphenol	10.43	198	57985	19.34	nq	91
65) n-Nitrosodiphenylamine	10.49	169	530146	33.22	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	174912	33.24	nq	# 86
67) Hexachlorobenzene	10.92	284	195958	32.17	nq	# 84
68) Atrazine	11.01	200	167820	35.02	nq	94
69) Pentachlorophenol	11.12	266	177986	55.43	nq	97
70) Phenanthrene	11.33	178	856071	31.95	nq	99
71) Anthracene	11.39	178	926226	32.39	nq	99
72) Carbazole	11.54	167	791351	31.22	nq	99
73) Di-n-butylphthalate	11.88	149	1044583	36.38	nq	99
74) Fluoranthene	12.51	202	791717	29.27	nq	97
76) Benzo(a)pyrene	12.65	184	225660	21.98	nq	95
77) Pyrene	12.74	202	739937	34.38	nq	100
79) Butylbenzylphthalate	13.37	149	346135	37.13	nq	# 79
80) Benzo(a)anthracene	13.93	228	536917	33.71	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	161150	15.14	nq	98
82) Chrysene	13.96	228	527945	30.50	nq	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	421751	36.45	nq	# 96
84) Di-n-octyl phthalate	14.53	149	711346	39.26	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.69	276	629522	49.08	nq	97
87) Benzo(b)fluoranthene	14.95	252	1177225	62.67	nq	# 97
88) Benzo(k)fluoranthene	14.95	252	1177225	60.09	nq	100
89) Benzo(a)pyrene	15.29	252	581631	32.80	nq	98
90) Dibenzo(a,h)anthracene	16.71	278	535208	36.88	nq	99
91) Benzo(g,h,i)perylene	17.09	276	499837	34.37	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.02 min

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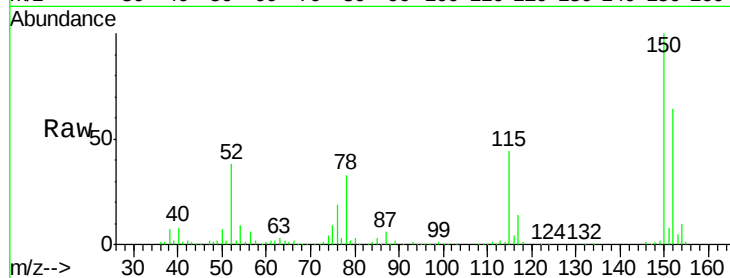
Tot Ion:152 Resp: 160439

Ion Ratio Lower Upper

152 100

150 155.3 125.8 188.6

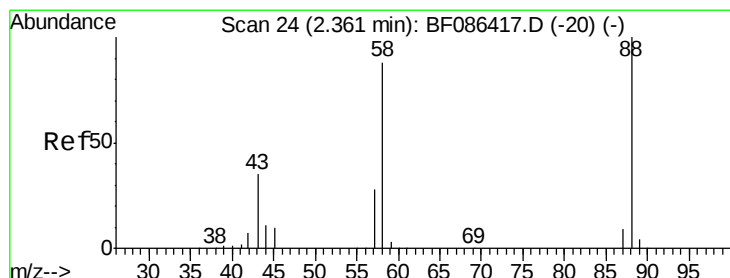
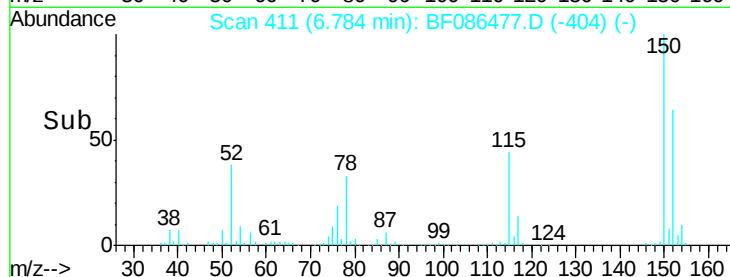
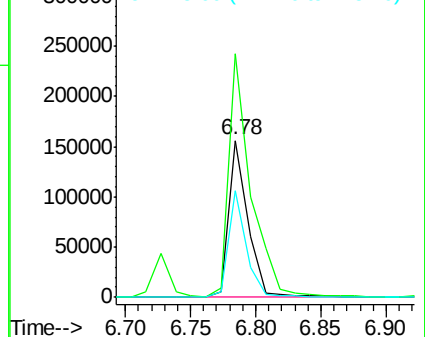
115 68.1 51.5 77.3



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: 24.86 ng

RT: 2.38 min Scan# 26

Delta R.T. 0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

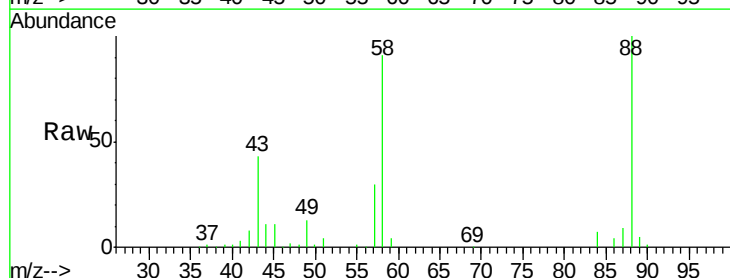
Tgt Ion: 88 Resp: 121461

Ion Ratio Lower Upper

88 100

58 92.3 59.6 89.4#

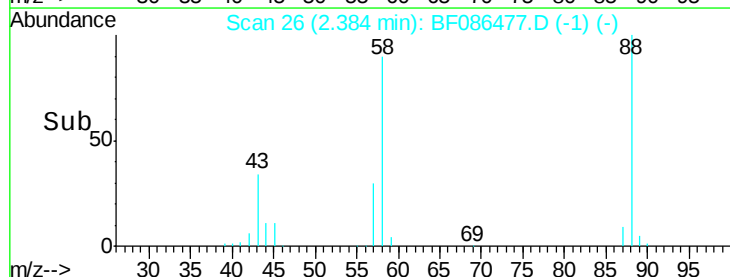
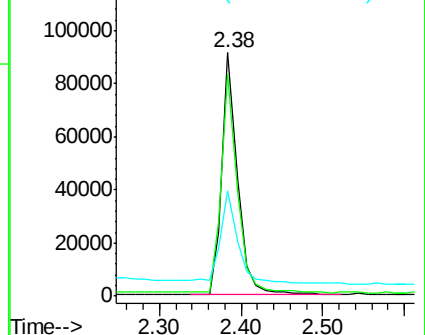
43 41.9 21.8 32.6#

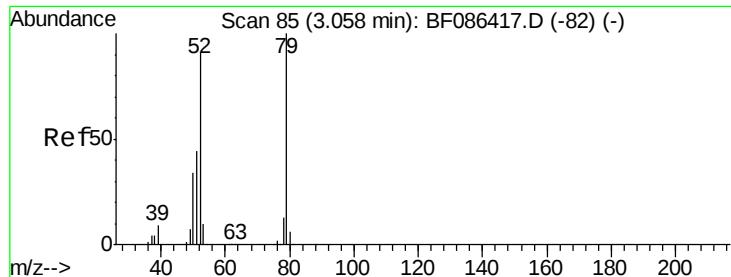


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 29.98 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.02 min

Lab File: BF086477.D

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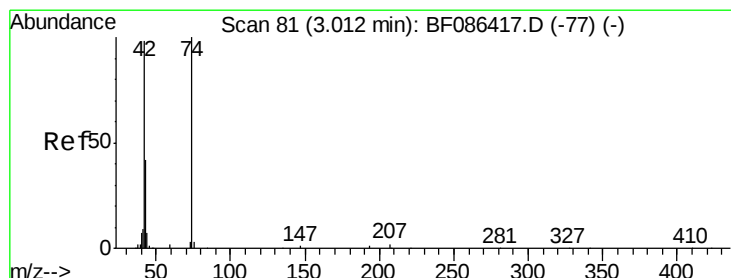
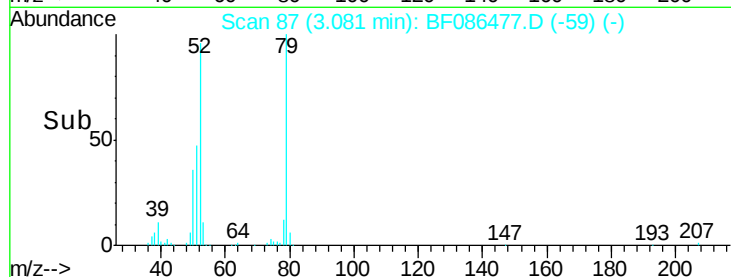
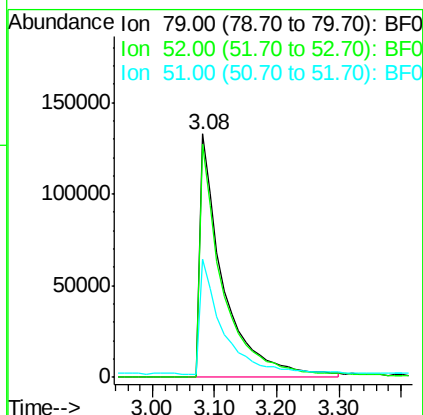
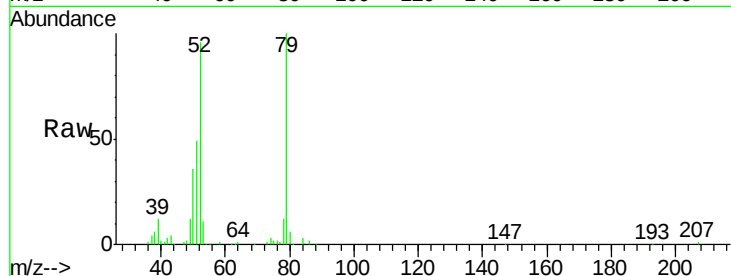
Tot Ion: 79 Resp: 346667

Ion Ratio Lower Upper

79 100

52 95.9 55.9 83.9#

51 48.8 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 34.84 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

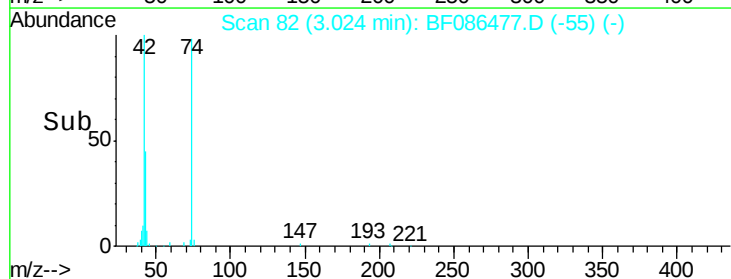
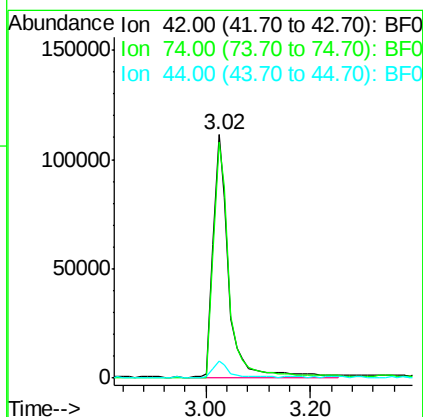
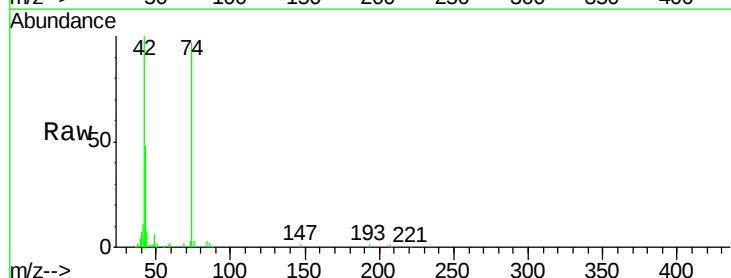
Tgt Ion: 42 Resp: 229626

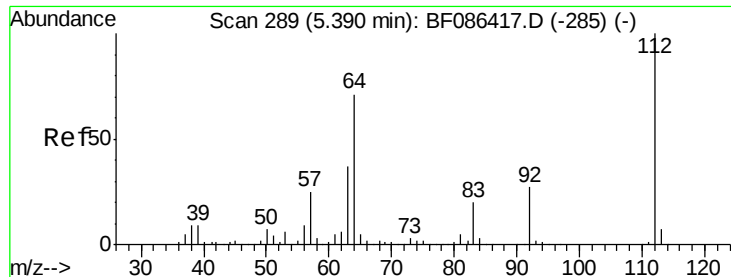
Ion Ratio Lower Upper

42 100

74 97.0 123.4 185.0#

44 7.0 5.8 8.6





#5

2-Fluorophenol

Concen: 103.24 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

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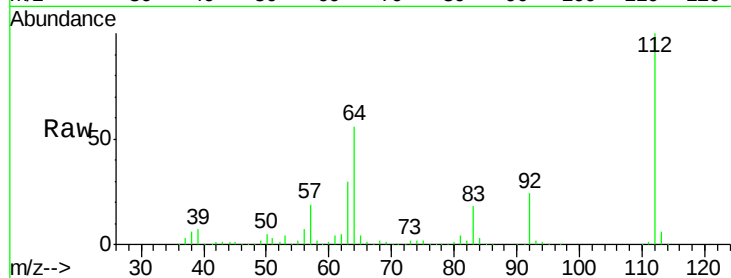
Tot Ion:112 Resp: 960293

Ion Ratio Lower Upper

112 100

64 56.4 52.1 78.1

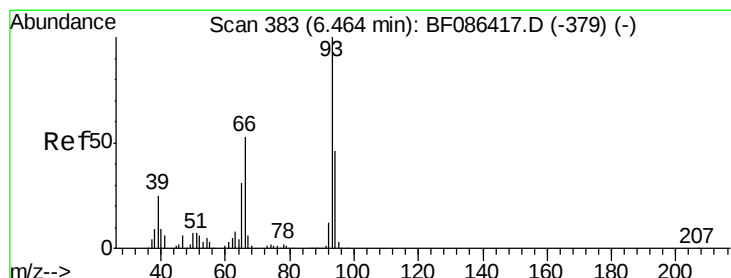
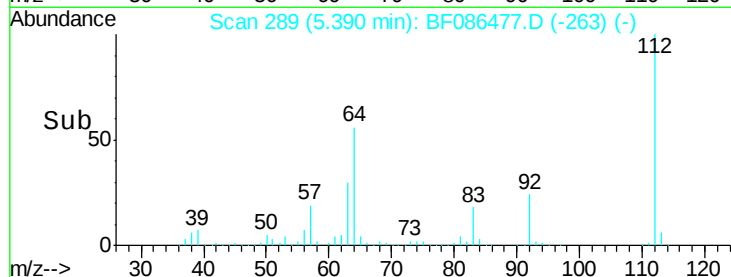
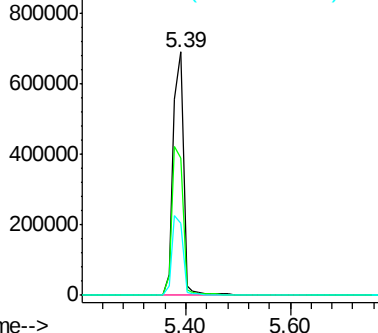
63 29.6 25.7 38.5



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



#6

Aniline

Concen: 24.62 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

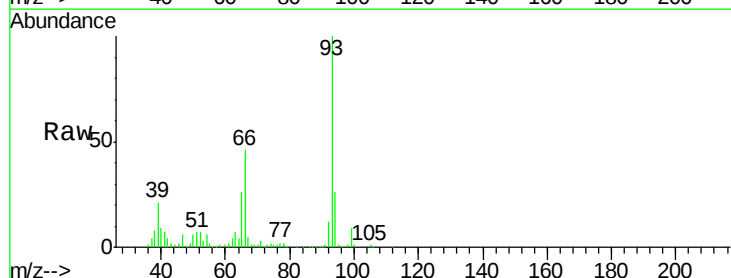
Tgt Ion: 93 Resp: 386814

Ion Ratio Lower Upper

93 100

66 45.6 39.0 58.6

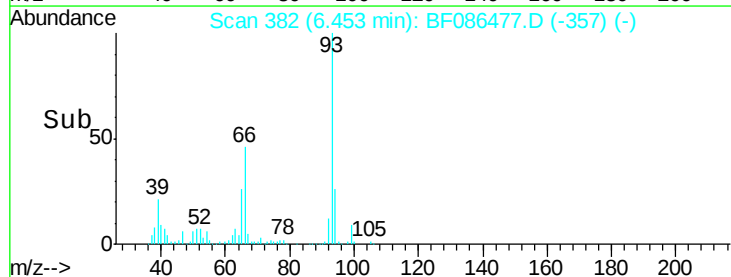
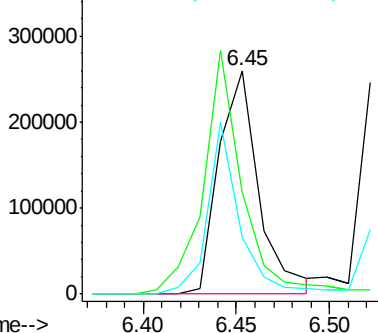
65 25.5 20.6 31.0

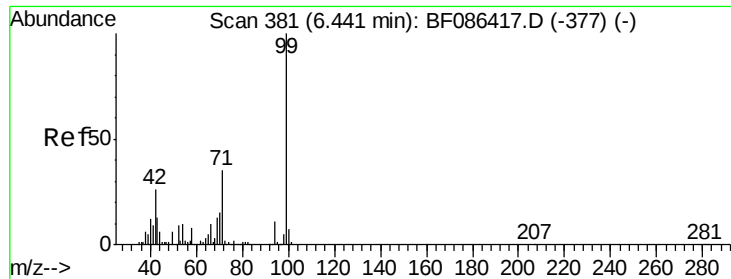


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 94.27 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

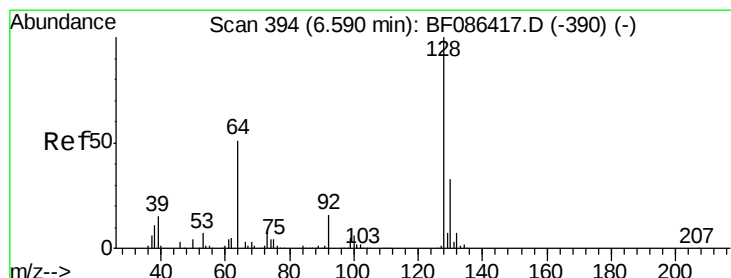
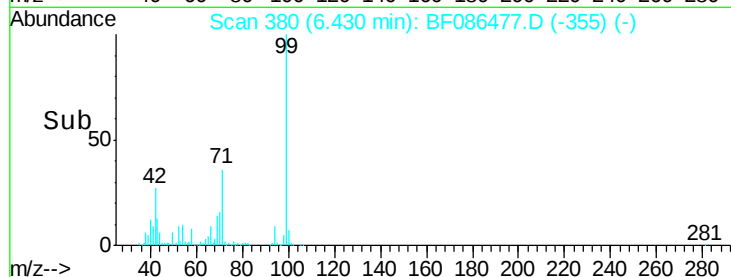
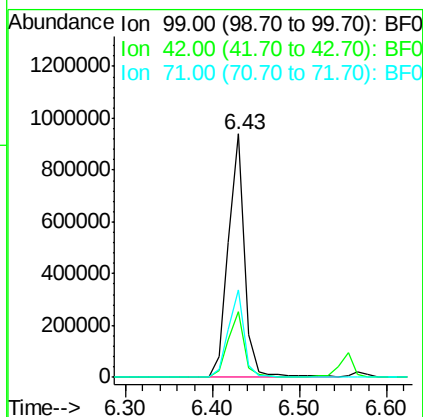
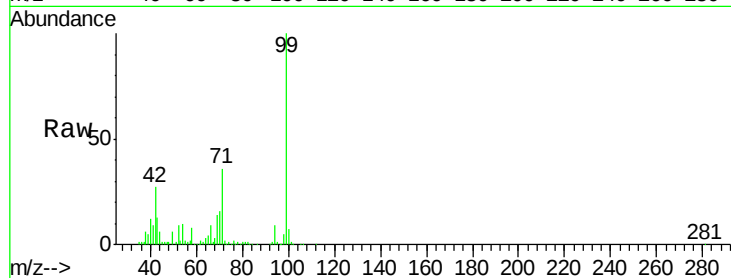
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Tot Ion: 99 Resp: 1223756

Ion	Ratio	Lower	Upper
99	100		
42	27.2	13.6	20.4#
71	35.9	24.6	36.8



#8

2-Chlorophenol

Concen: 30.11 ng

RT: 6.57 min Scan# 392

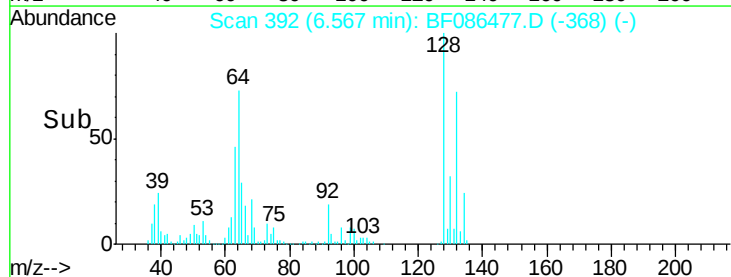
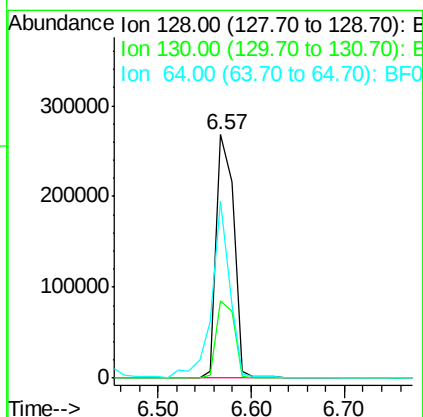
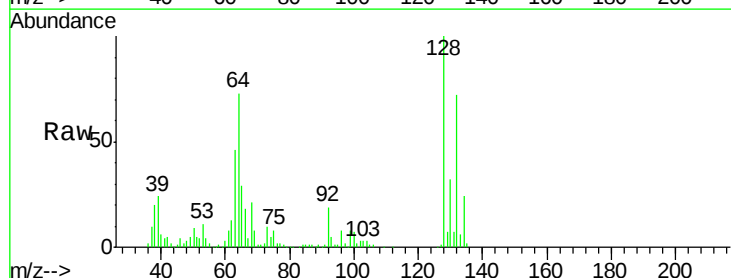
Delta R.T. -0.02 min

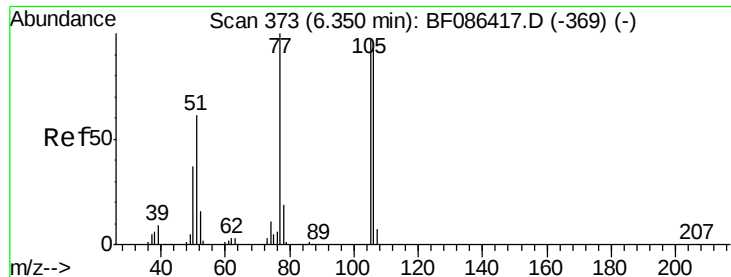
Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion: 128 Resp: 348786

Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.5	52.5
64	72.7	27.3	67.3#





#9

Benzaldehyde

Concen: 9.26 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

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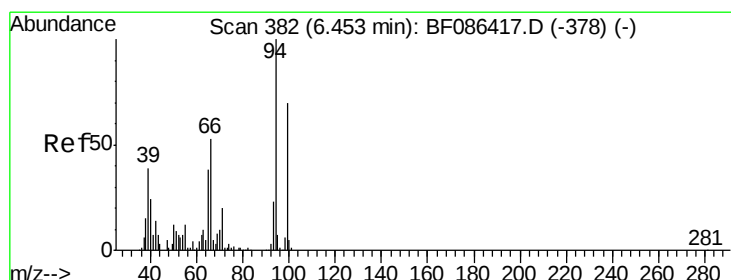
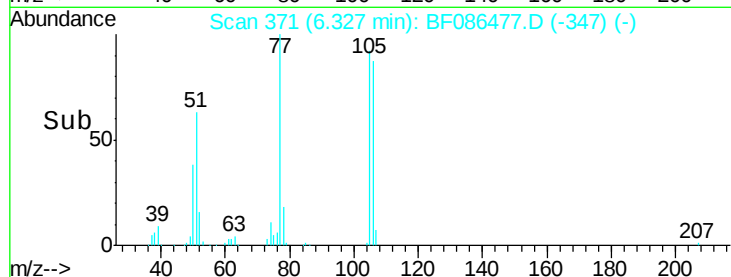
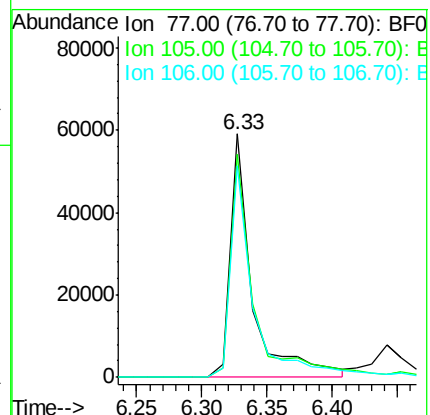
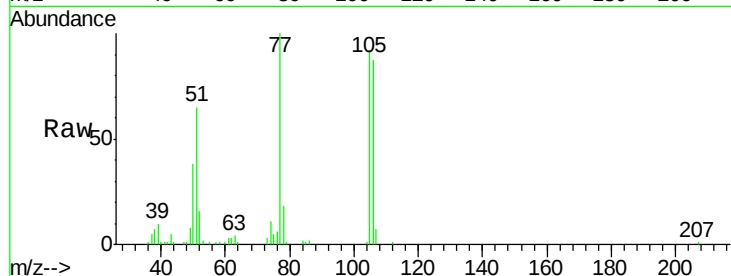
Tot Ion: 77 Resp: 69936

Ion Ratio Lower Upper

77 100

105 91.6 72.7 112.7

106 86.8 70.8 110.8



#10

Phenol

Concen: 33.12 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF086477.D

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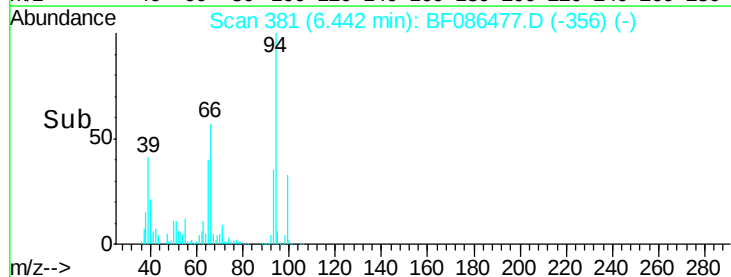
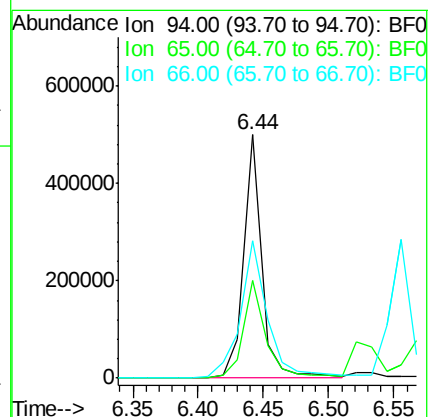
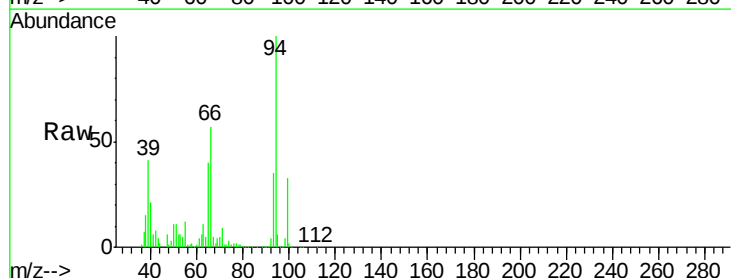
Tgt Ion: 94 Resp: 479628

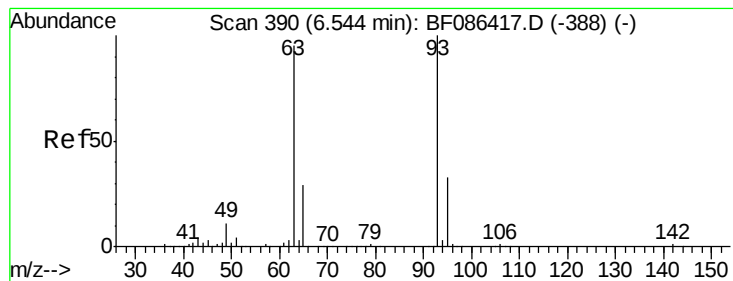
Ion Ratio Lower Upper

94 100

65 40.0 7.2 47.2

66 56.6 14.9 54.9#

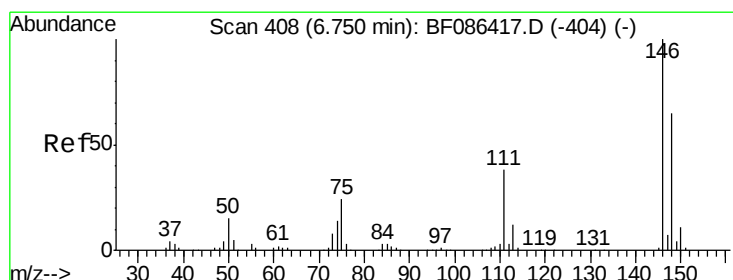
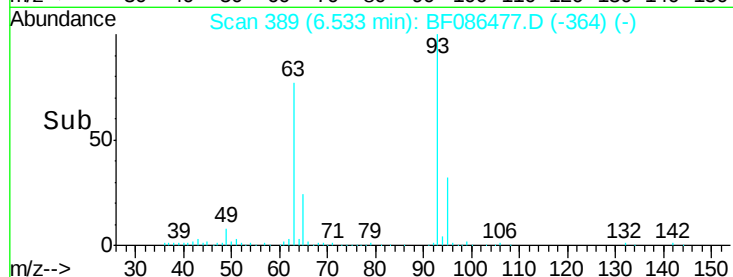
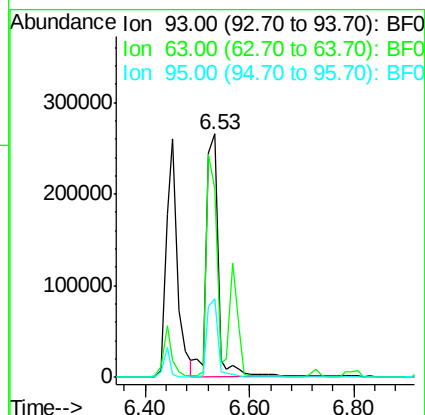
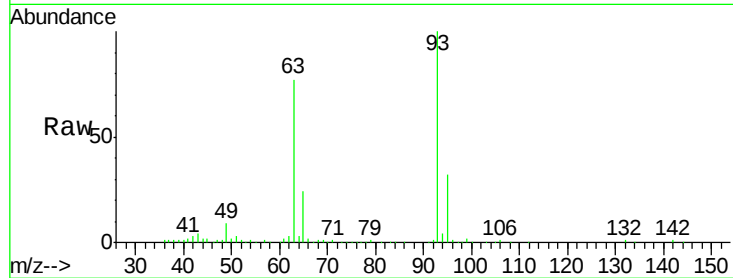




#11
bis(2-Chloroethyl)ether
Concen: 33.56 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

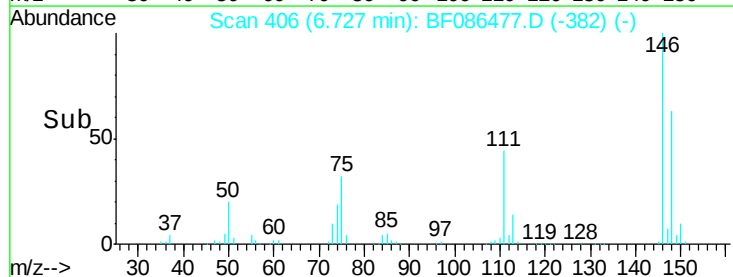
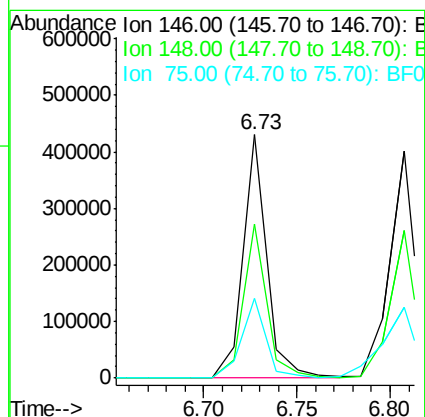
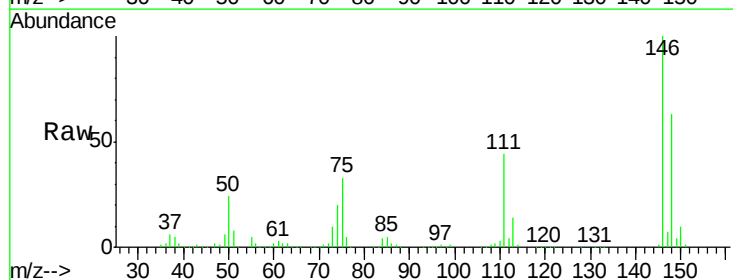
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

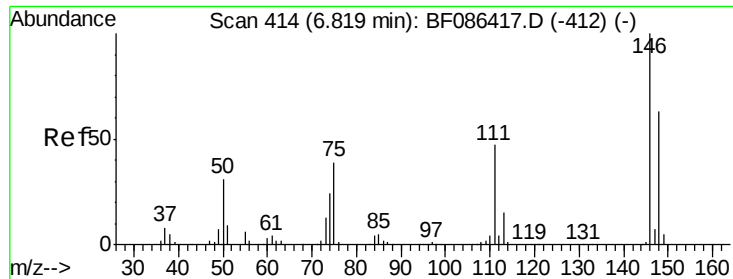
Tot Ion: 93 Resp: 420238
Ion Ratio Lower Upper
93 100
63 77.3 58.0 98.0
95 32.4 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 30.67 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion: 146 Resp: 382243
Ion Ratio Lower Upper
146 100
148 63.5 52.4 78.6
75 32.8 22.8 34.2

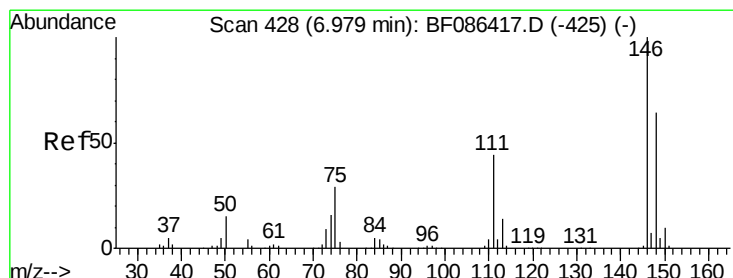
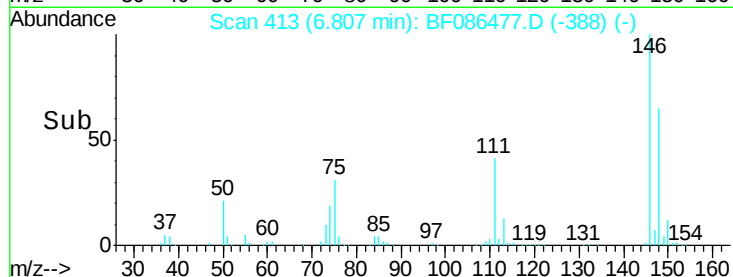
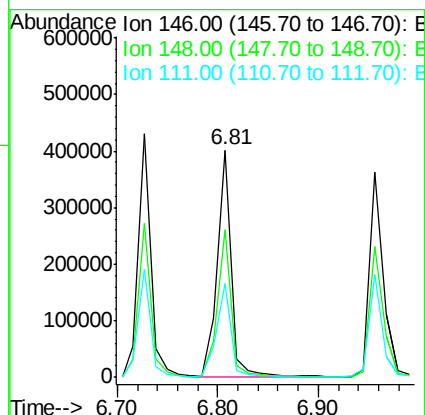
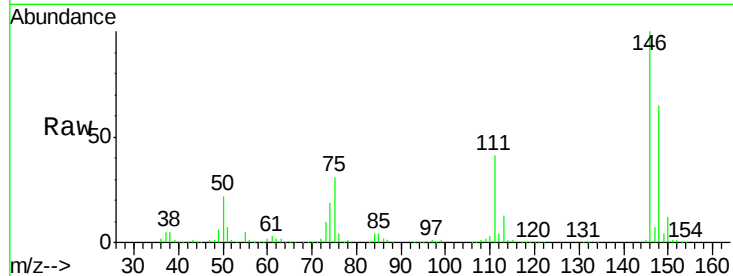




#13
 1,4-Dichlorobenzene
 Concen: 30.64 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

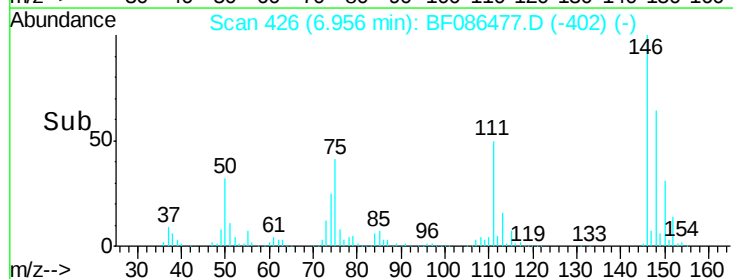
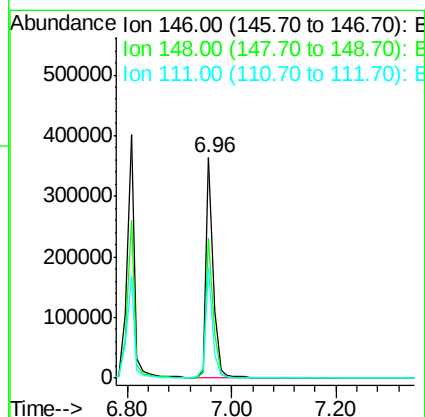
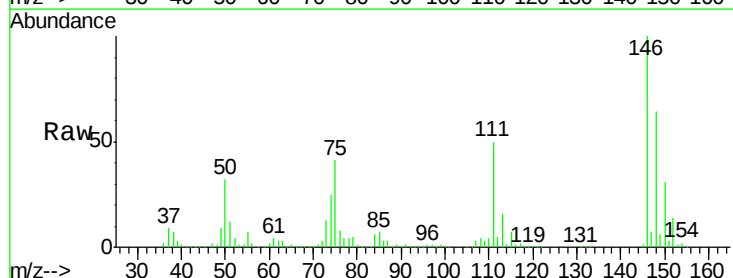
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)MS

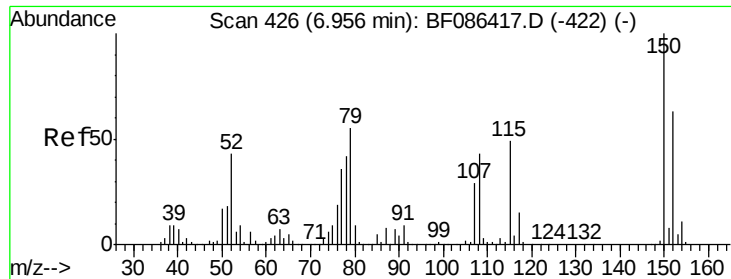
Tot Ion:146 Resp: 393931
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.4
 111 41.5 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 30.33 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Tgt Ion:146 Resp: 357653
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.0 76.6
 111 50.1 36.2 54.4

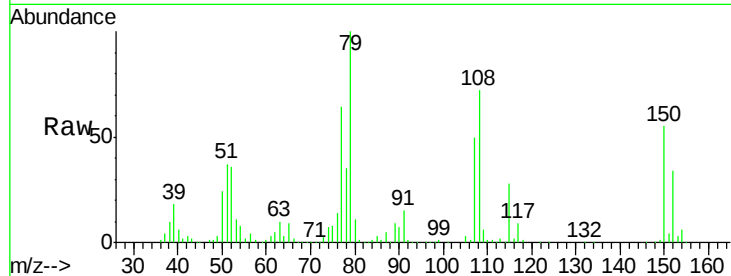




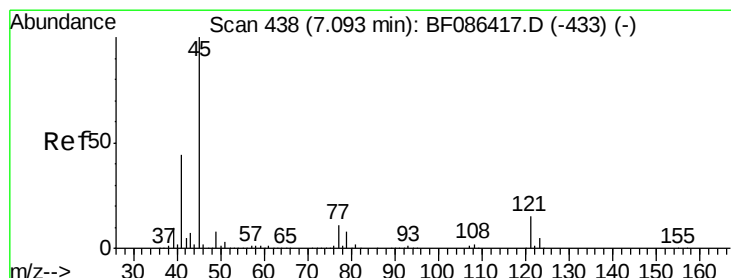
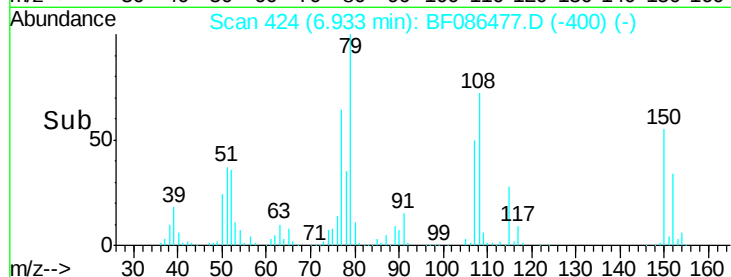
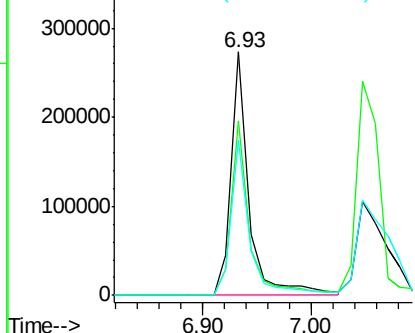
#15
Benzyl Alcohol
Concen: 38.02 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion: 79 Resp: 312268
Ion Ratio Lower Upper
79 100
108 71.8 68.4 102.6
77 63.9 50.6 76.0

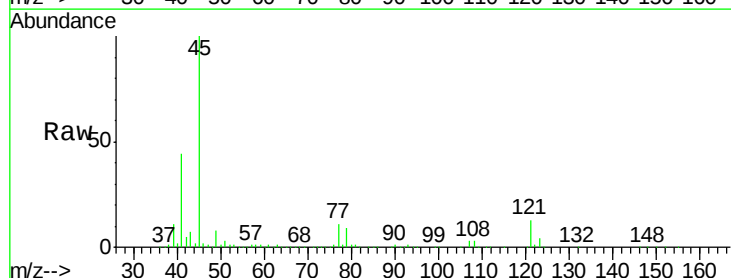


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

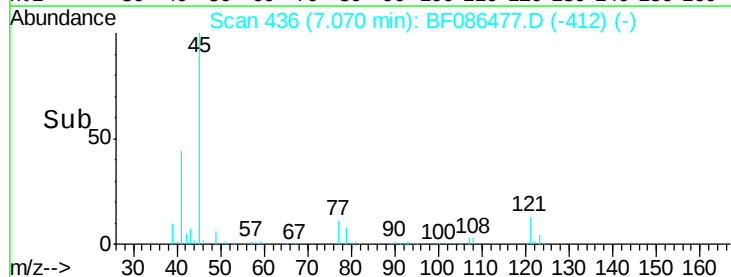
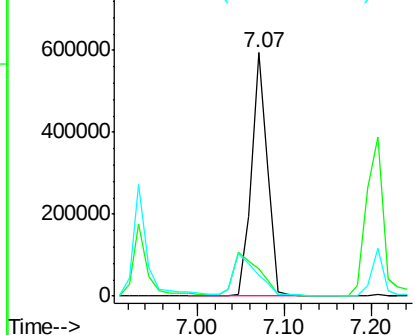


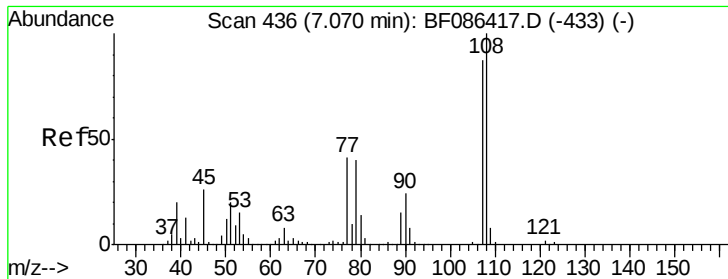
#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.82 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion: 45 Resp: 772350
Ion Ratio Lower Upper
45 100
77 11.2 0.0 36.4
79 8.7 0.0 33.4



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 32.36 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion:107 Resp: 302975

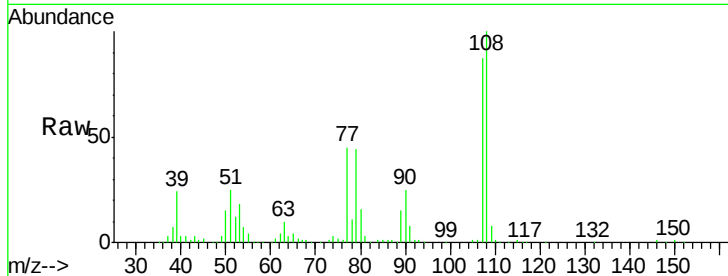
Ion Ratio Lower Upper

107 100

108 115.2 93.7 140.5

77 51.4 33.4 50.0#

79 50.4 34.3 51.5

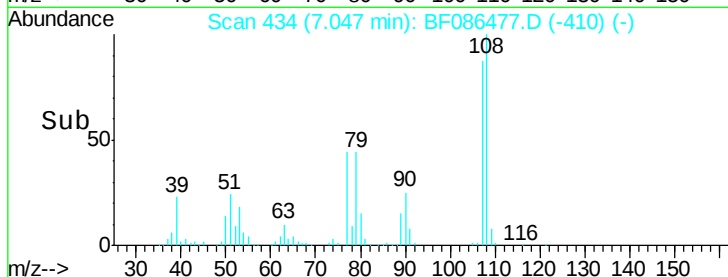


Abundance Ion 107.00 (106.70 to 107.70): E

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



600000

500000

400000

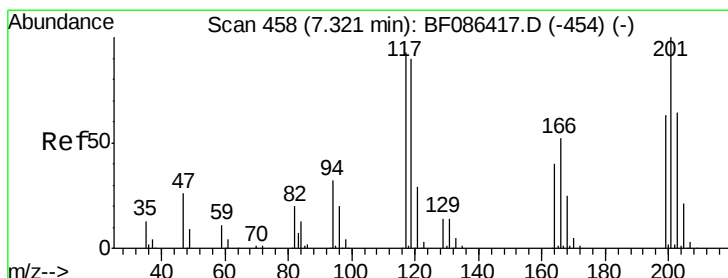
300000

200000

100000

0

Time-->



#18

Hexachloroethane

Concen: 29.25 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

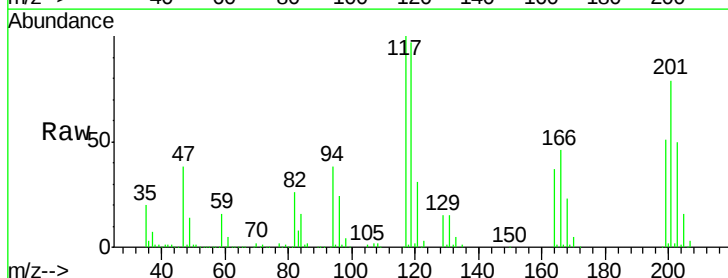
Tgt Ion:117 Resp: 140524

Ion Ratio Lower Upper

117 100

119 97.3 76.5 114.7

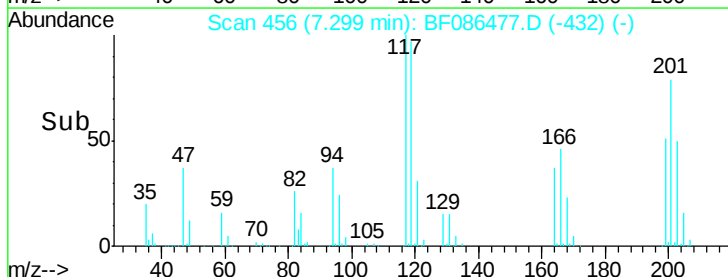
201 79.3 63.0 94.6



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



200000

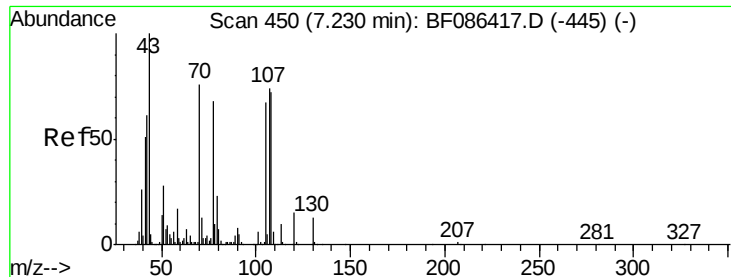
150000

100000

50000

0

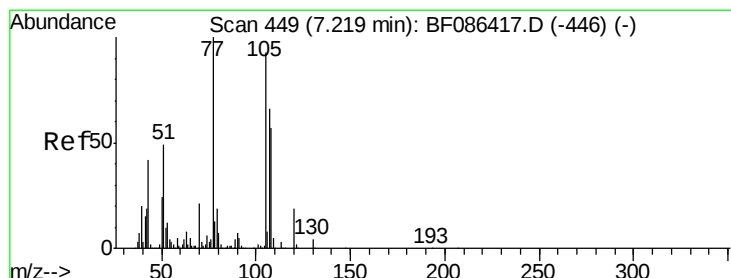
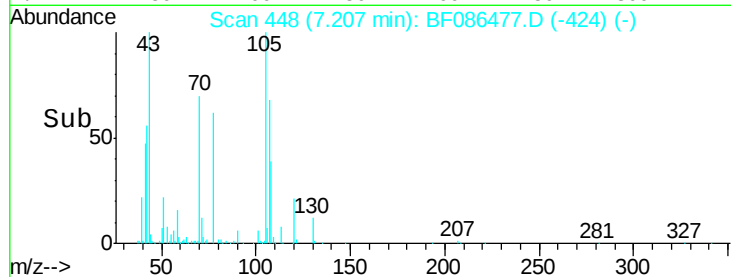
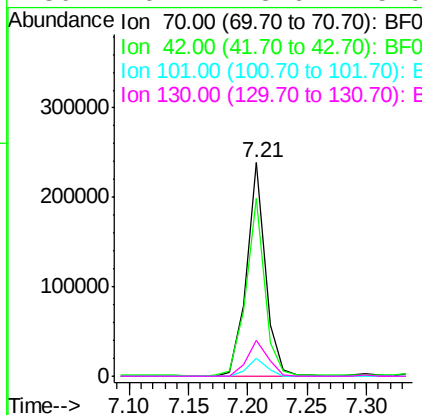
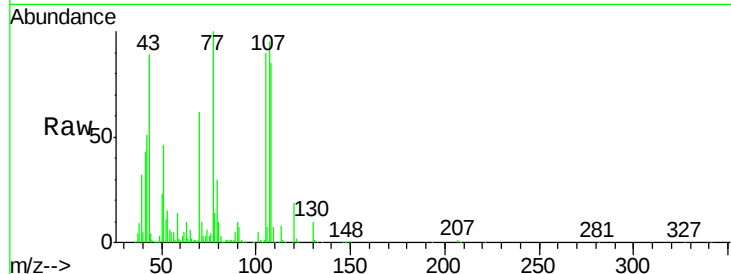
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 31.25 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

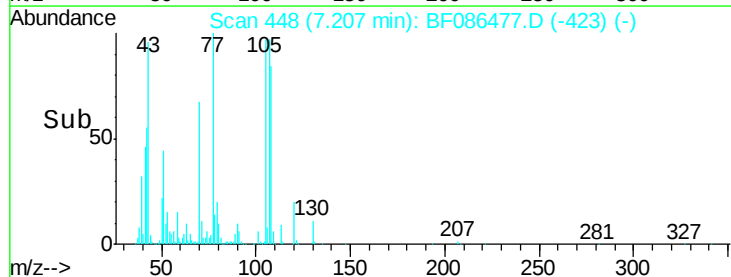
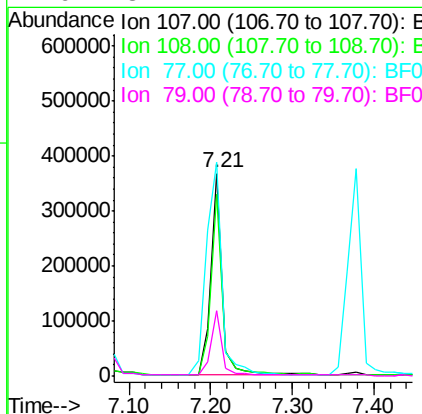
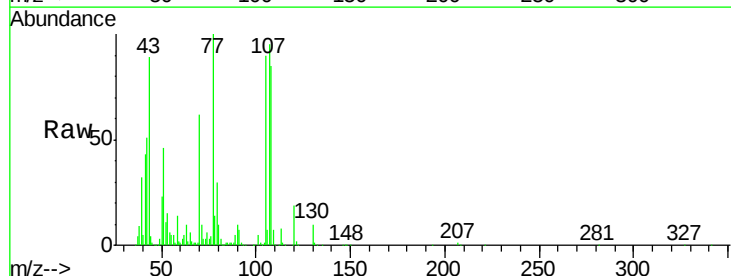
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

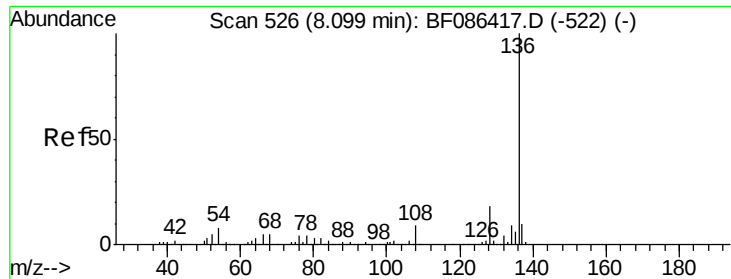
Tot Ion: 70 Resp: 268171
Ion Ratio Lower Upper
70 100
42 83.5 43.1 64.7#
101 8.4 8.1 12.1
130 16.7 18.6 28.0#



#20
3+4-Methylphenols
Concen: 34.64 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion: 107 Resp: 370320
Ion Ratio Lower Upper
107 100
108 89.5 68.5 108.5
77 105.4 101.6 141.6
79 32.1 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion:136 Resp: 679153

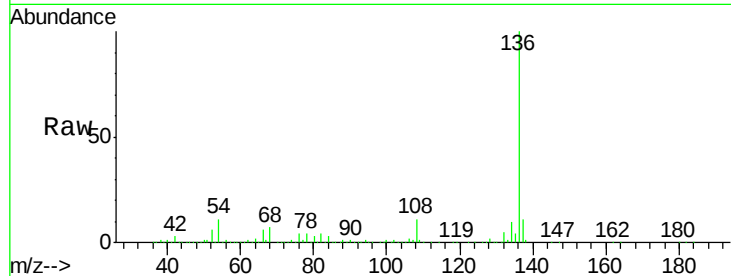
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 11.5 5.0 7.4#

68 6.9 4.4 6.6#

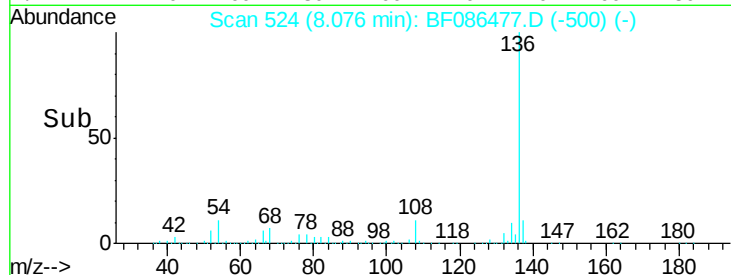


Abundance Ion 136.00 (135.70 to 136.70): E

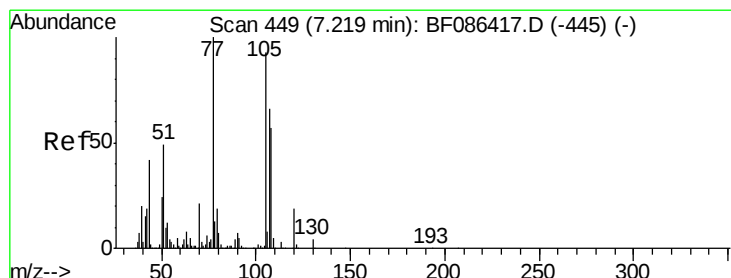
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 35.16 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion:105 Resp: 523531

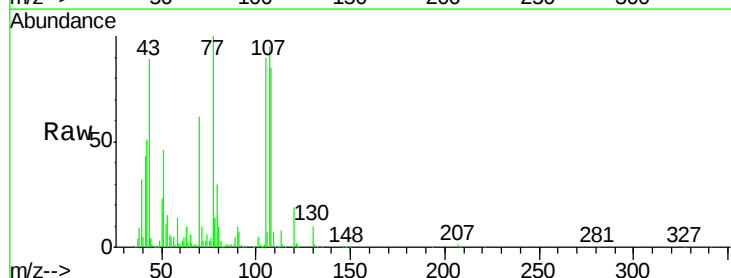
Ion Ratio Lower Upper

105 100

71 11.5 4.8 7.2#

51 50.7 32.6 49.0#

120 21.0 16.5 24.7

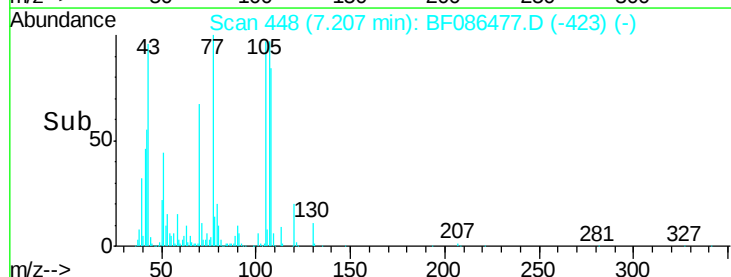


Abundance Ion 105.00 (104.70 to 105.70): E

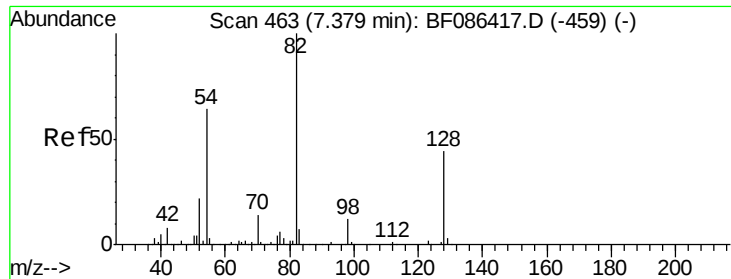
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



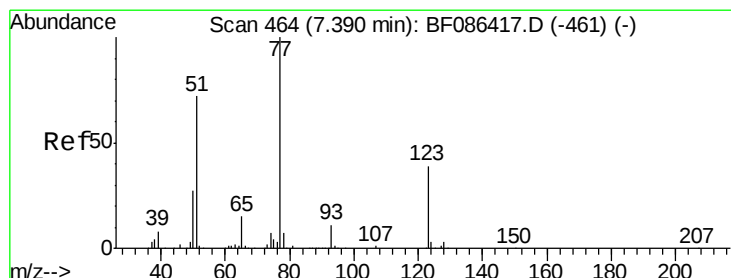
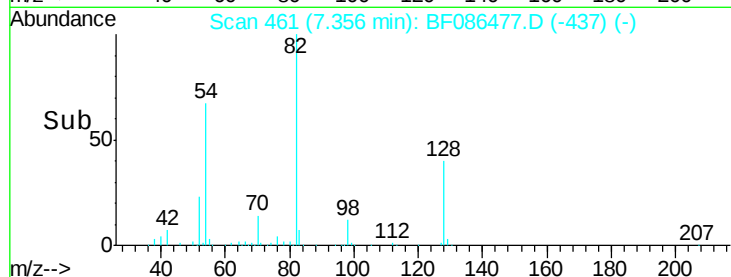
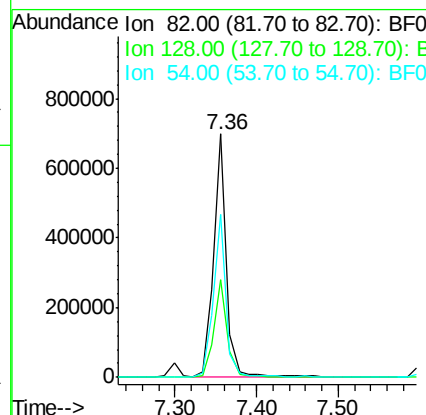
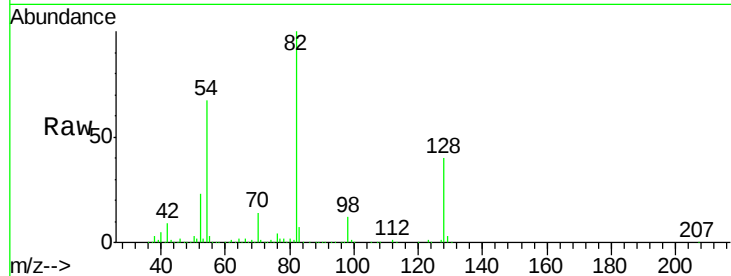
Time-->



#23
Nitrobenzene-d5
Concen: 63.05 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

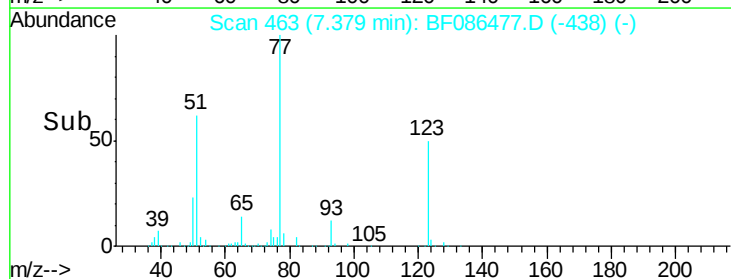
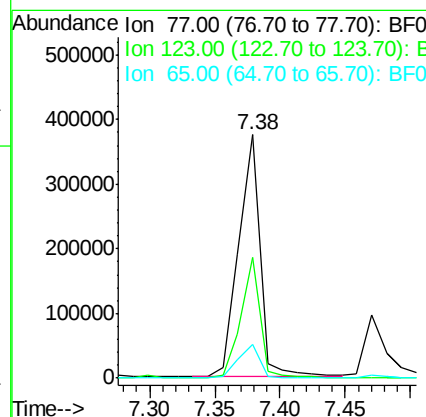
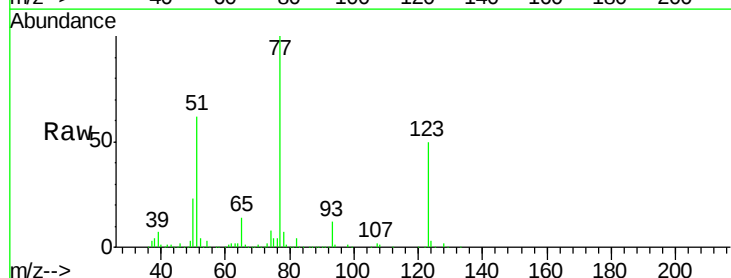
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

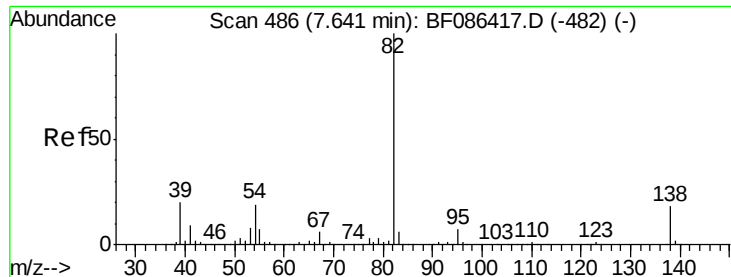
Tot Ion: 82 Resp: 794484
Ion Ratio Lower Upper
82 100
128 40.2 40.6 61.0#
54 67.2 38.1 57.1#



#24
Nitrobenzene
Concen: 33.06 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion: 77 Resp: 428449
Ion Ratio Lower Upper
77 100
123 49.5 33.0 49.4#
65 13.9 10.8 16.2





#25

Isophorone

Concen: 32.93 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

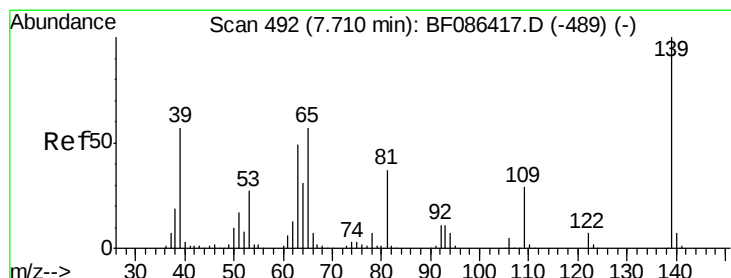
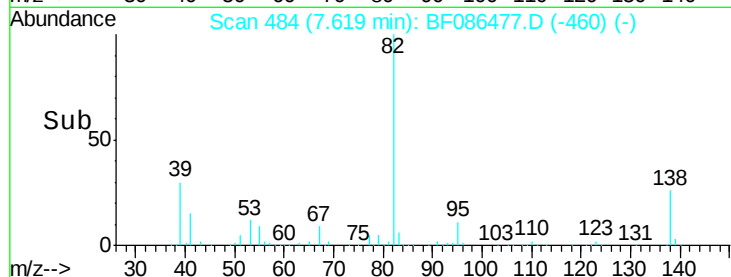
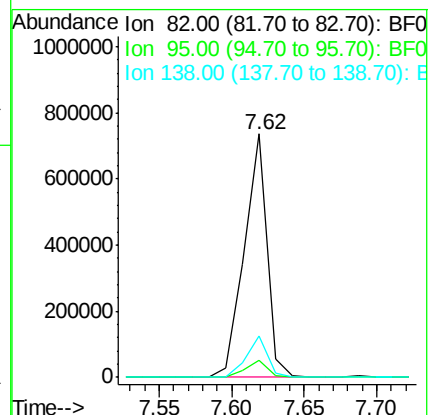
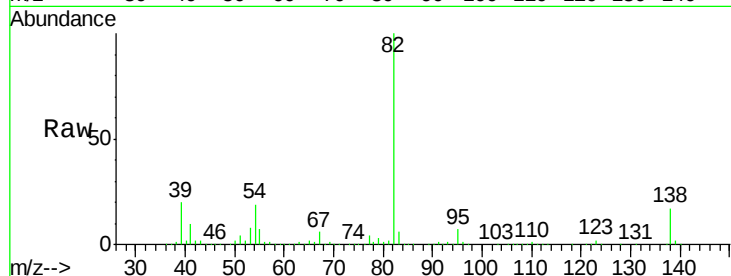
Tot Ion: 82 Resp: 798558

Ion Ratio Lower Upper

82 100

95 7.0 5.1 7.7

138 17.1 12.4 18.6



#26

2-Nitrophenol

Concen: 31.89 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

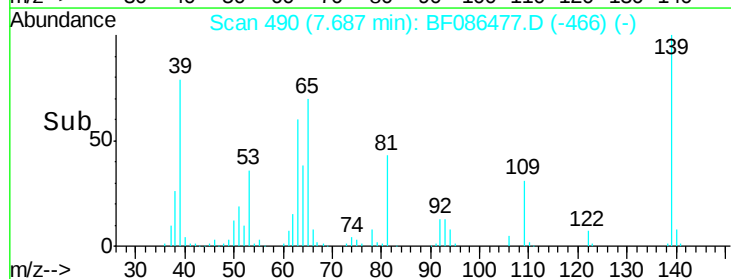
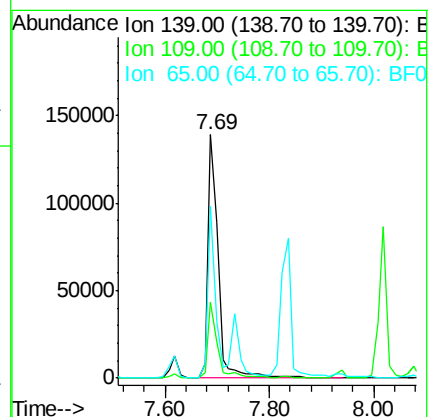
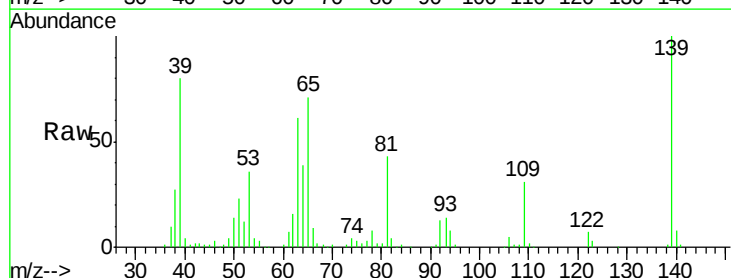
Tgt Ion: 139 Resp: 190291

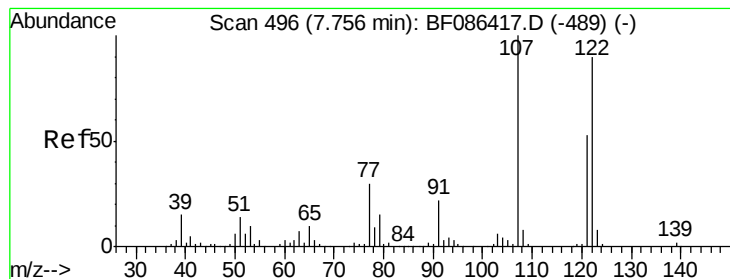
Ion Ratio Lower Upper

139 100

109 31.2 19.5 29.3#

65 70.8 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 33.48 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

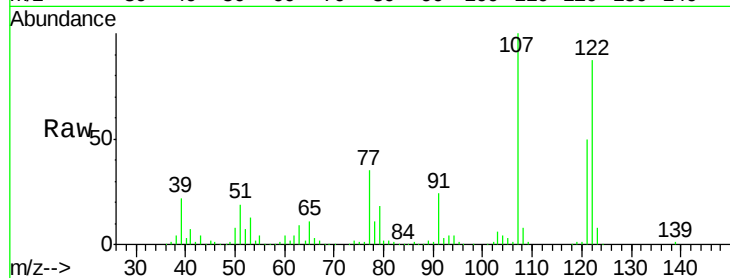
Tot Ion:122 Resp: 350566

Ion Ratio Lower Upper

122 100

107 114.9 82.0 123.0

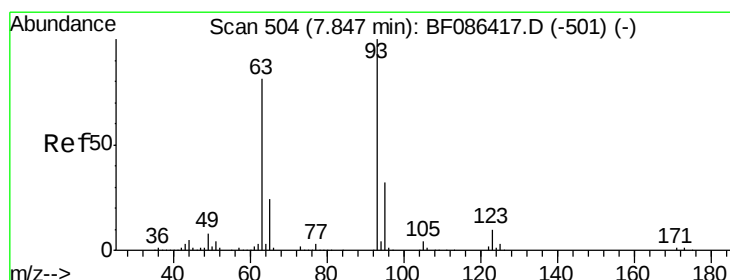
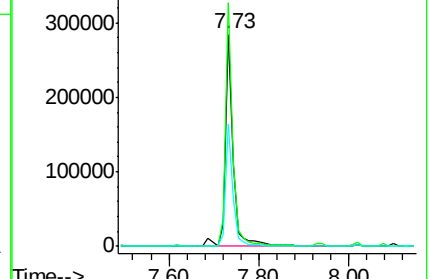
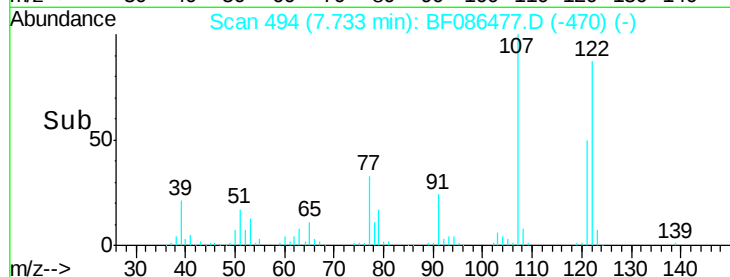
121 57.6 46.1 69.1



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: 35.93 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

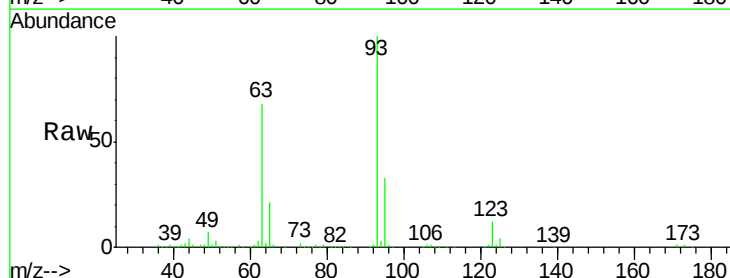
Tgt Ion: 93 Resp: 474728

Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

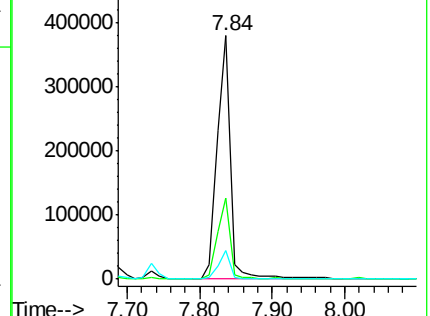
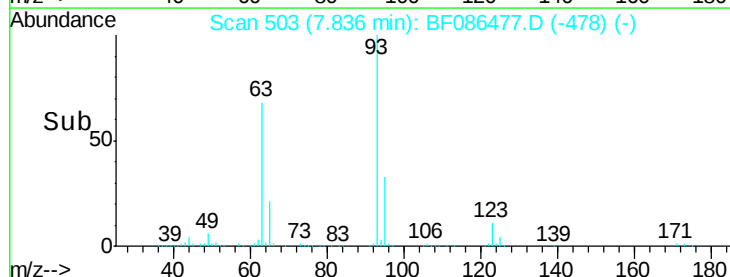
123 11.6 9.5 14.3

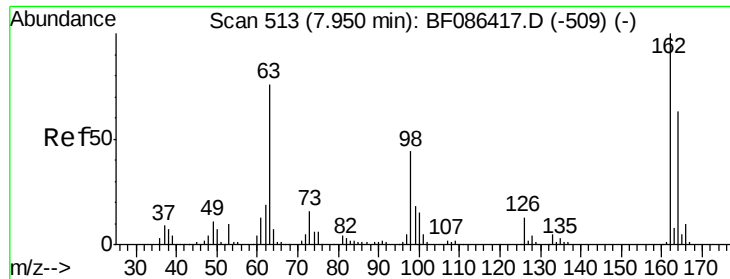


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

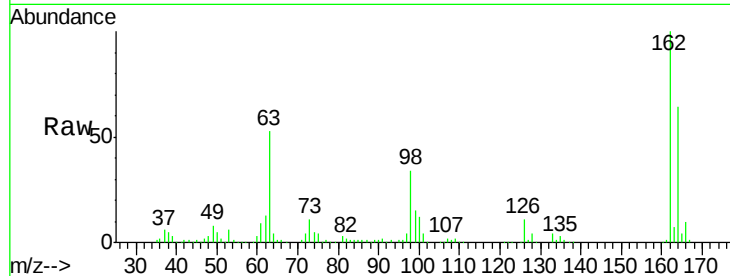




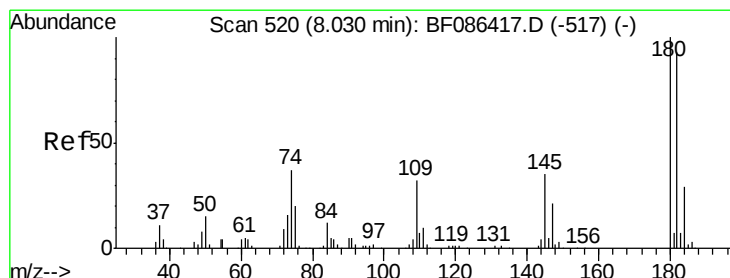
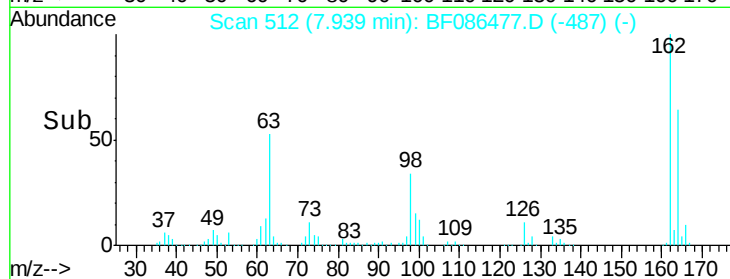
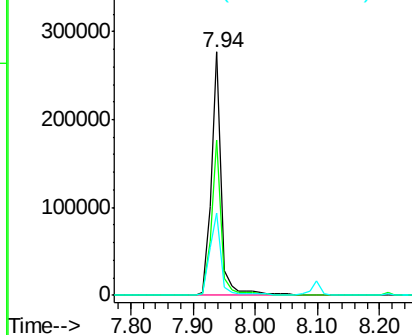
#29
 2,4-Dichlorophenol
 Concen: 35.01 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.2	82.2
98	33.8	19.0	59.0

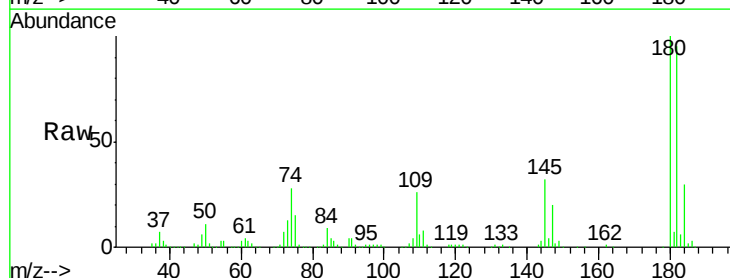


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

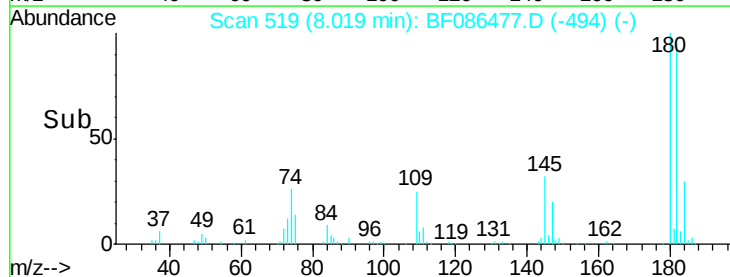
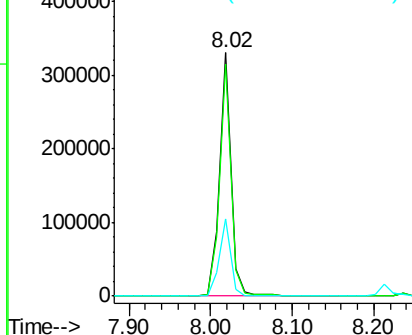


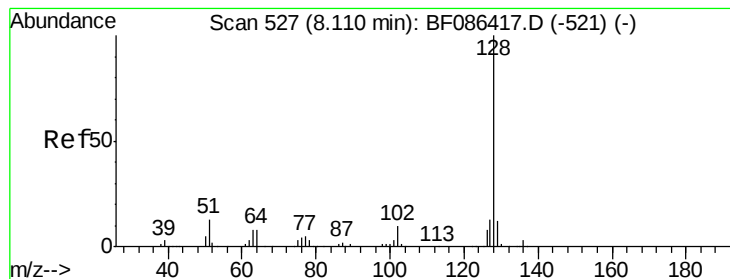
#30
 1,2,4-Trichlorobenzene
 Concen: 31.73 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	78.0	117.0
145	31.7	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: 32.86 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

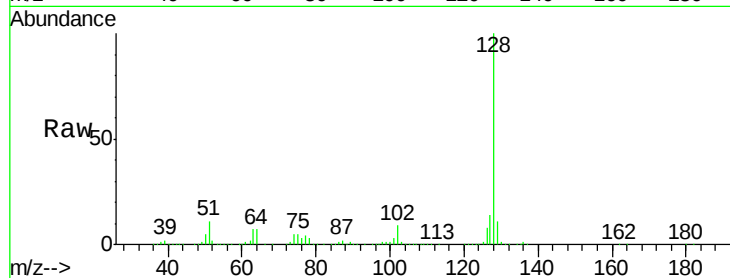
Tot Ion:128 Resp: 1135430

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

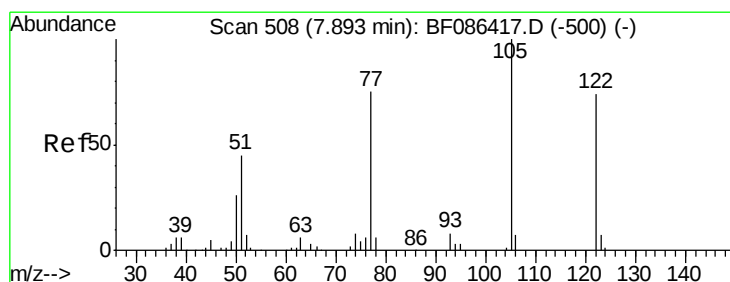
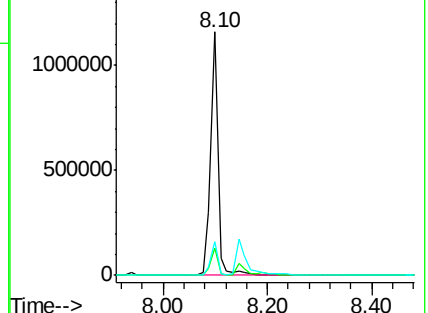
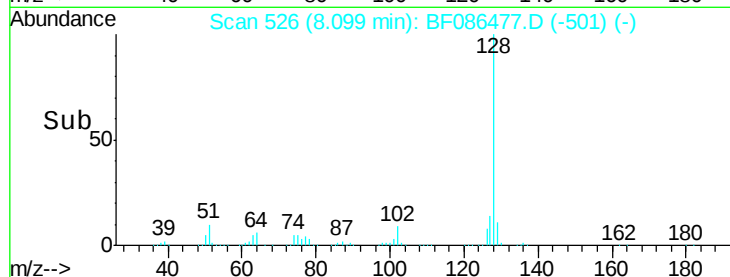
127 13.6 10.8 16.2



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: 53.96 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.16 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

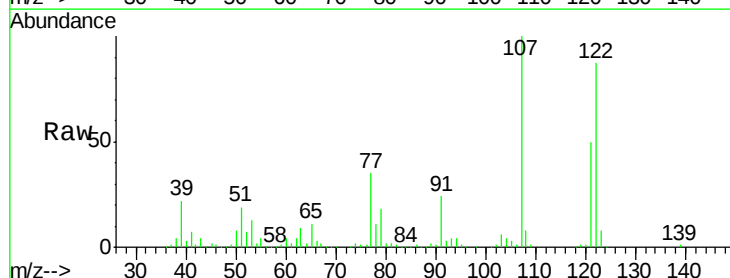
Tgt Ion:122 Resp: 350566

Ion Ratio Lower Upper

122 100

105 3.9 92.6 132.6#

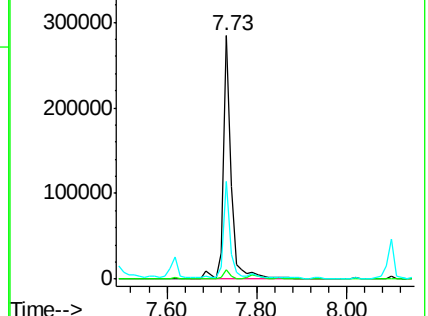
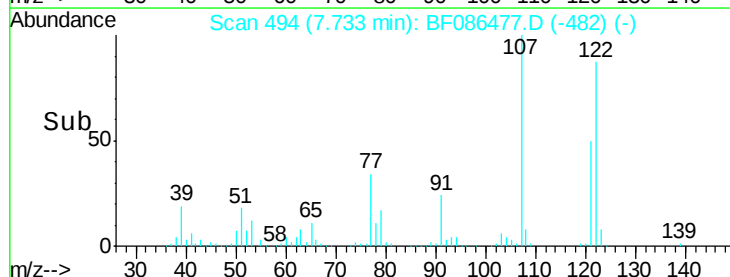
77 40.3 60.0 100.0#

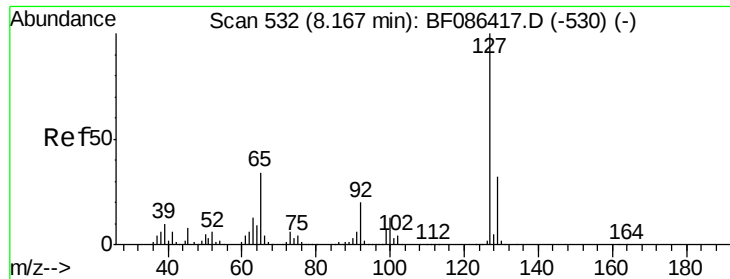


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

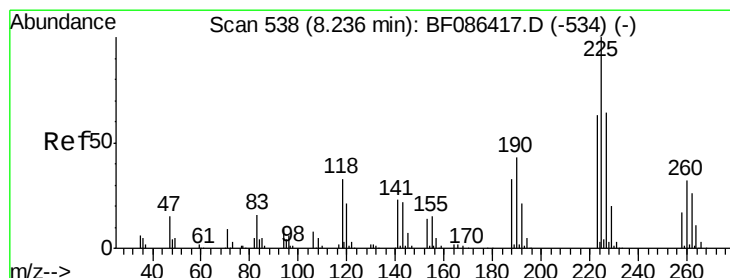
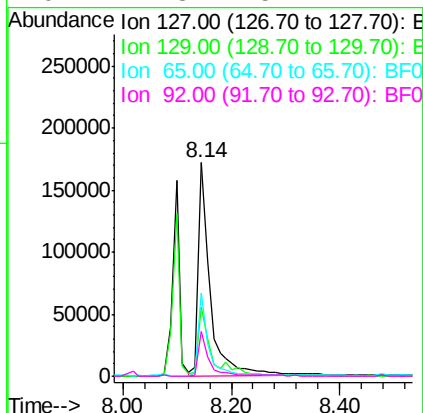
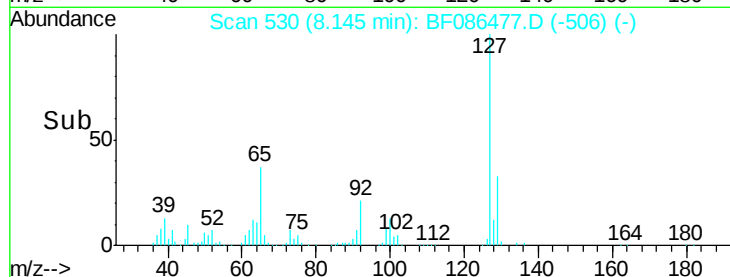
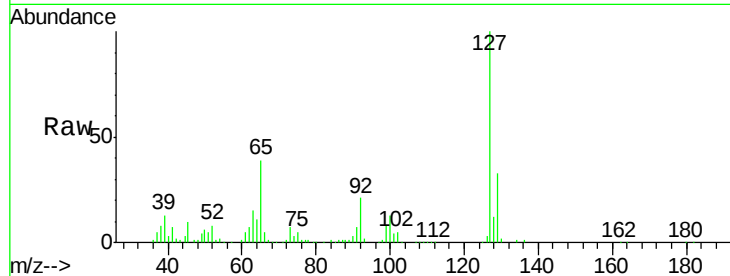




#33
4-Chloroaniline
Concen: 20.13 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

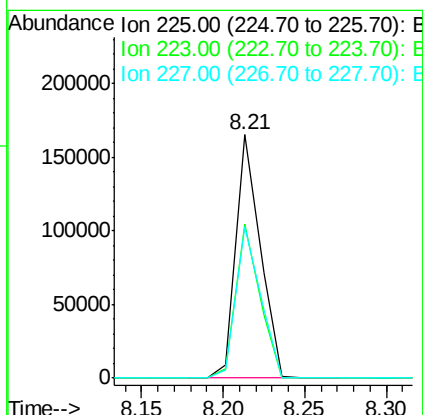
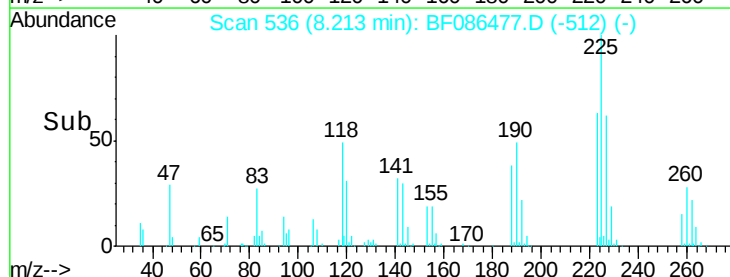
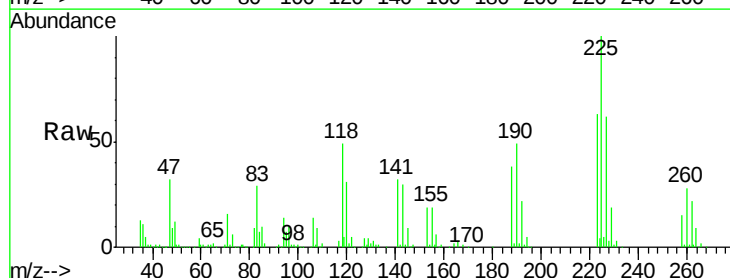
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

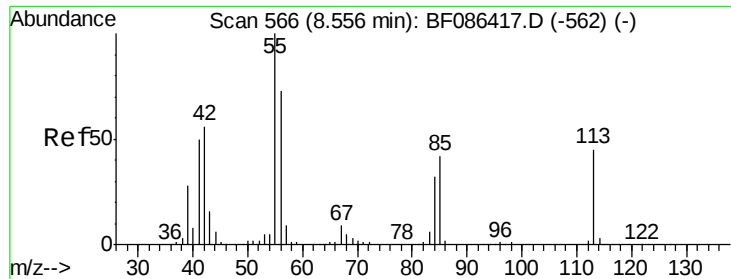
Tot Ion:	127	Resp:	260530
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	38.7	23.0	34.4
92	21.3	15.1	22.7



#34
Hexachlorobutadiene
Concen: 29.53 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion:	225	Resp:	169686
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.5	77.3
227	62.0	52.2	78.2

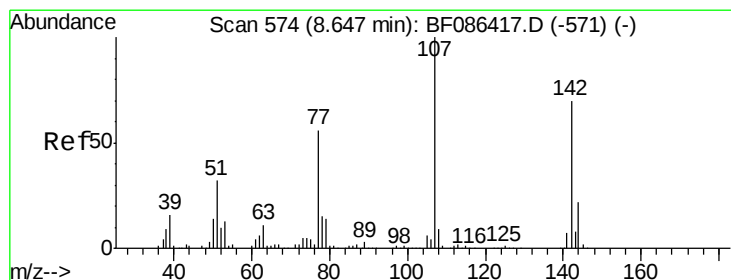
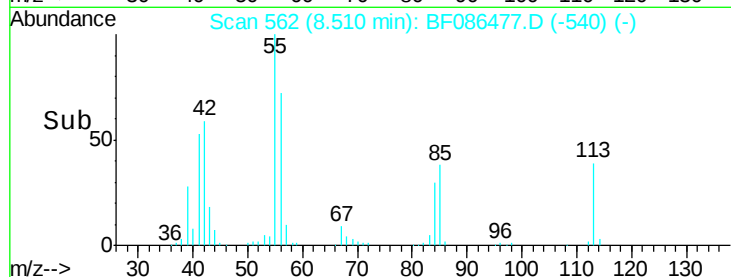
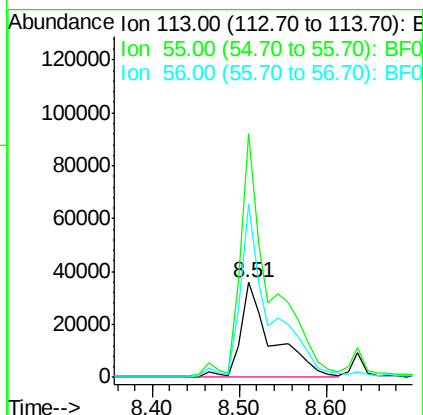
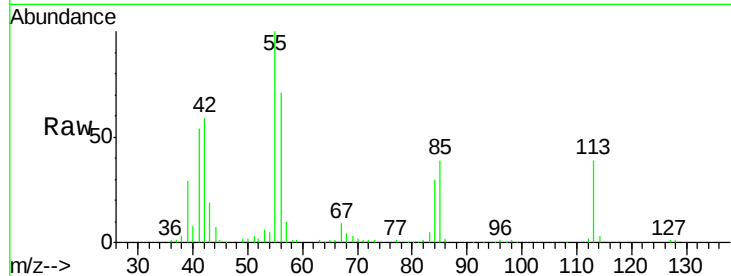




#35
 Caprolactam
 Concen: 30.68 ng
 RT: 8.51 min Scan# 562
 Delta R.T. -0.05 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

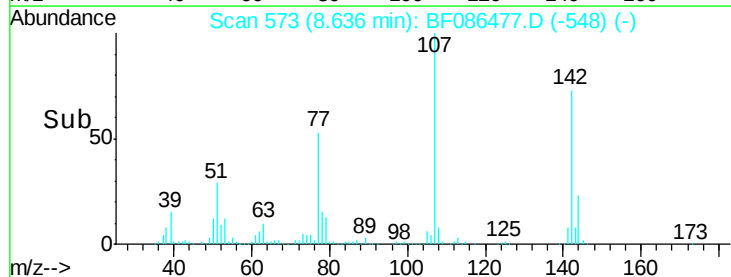
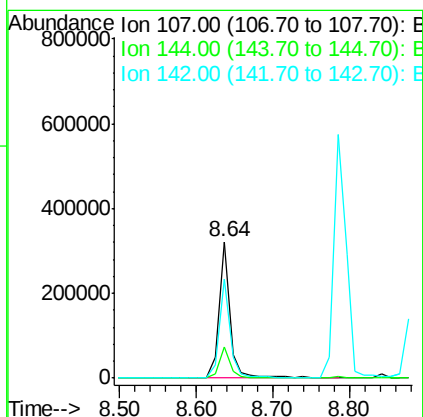
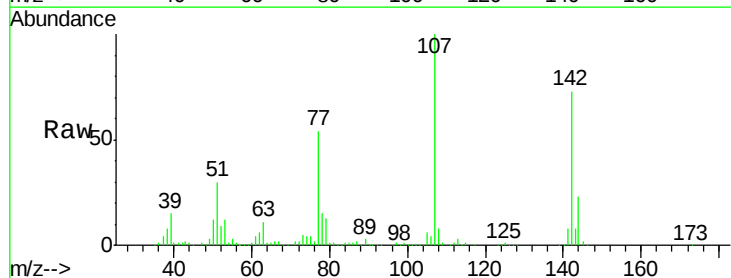
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)MS

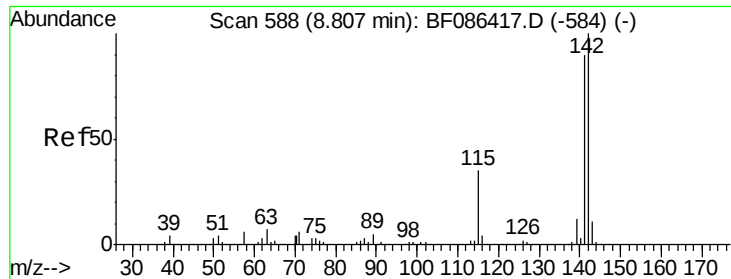
Tot Ion:113 Resp: 90410
 Ion Ratio Lower Upper
 113 100
 55 256.6 162.0 202.0#
 56 182.5 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 32.16 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Tgt Ion:107 Resp: 325277
 Ion Ratio Lower Upper
 107 100
 144 23.3 20.7 31.1
 142 72.8 63.2 94.8

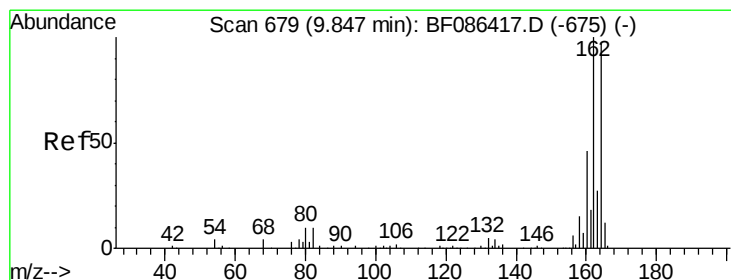
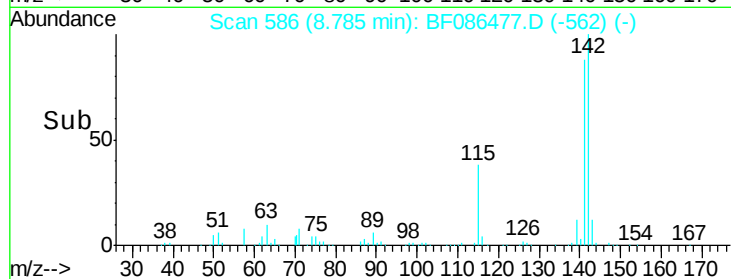
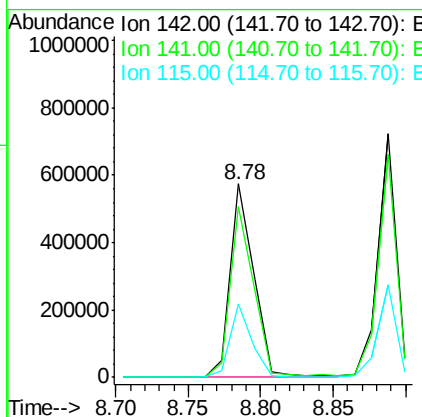
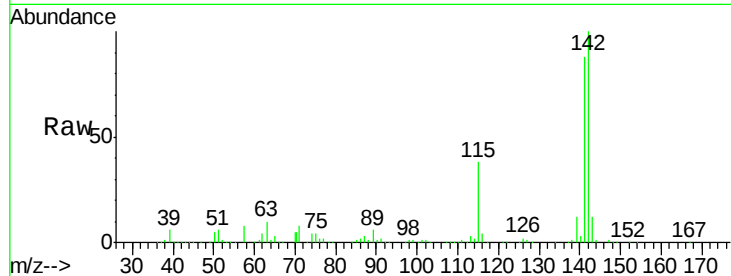




#37
2-Methylnaphthalene
Concen: 32.00 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

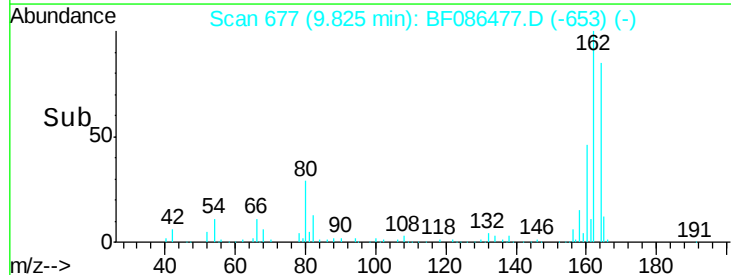
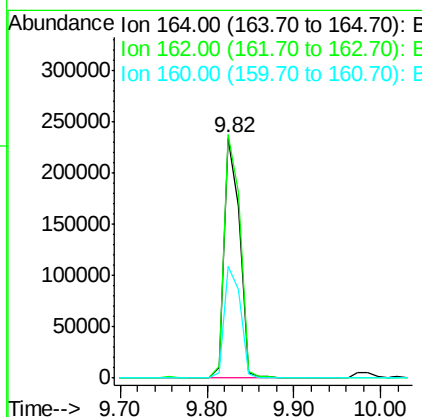
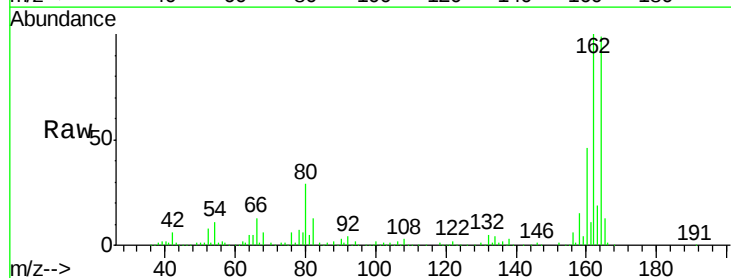
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

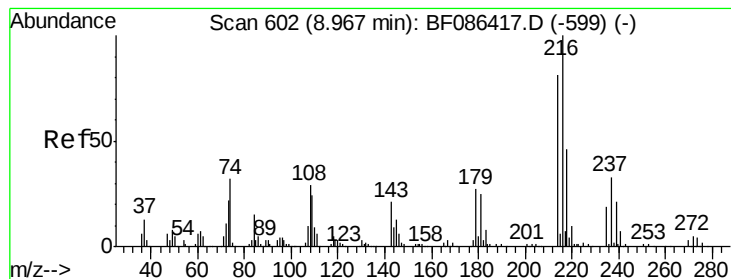
Tot Ion:142 Resp: 652544
Ion Ratio Lower Upper
142 100
141 88.0 71.0 106.6
115 38.0 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion:164 Resp: 291621
Ion Ratio Lower Upper
164 100
162 101.3 82.8 124.2
160 46.3 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.76 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion:216 Resp: 281826

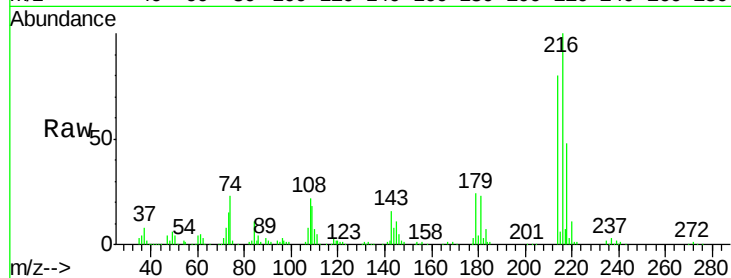
Ion Ratio Lower Upper

216 100

214 79.9 62.6 93.8

179 23.9 18.2 27.4

108 24.6 17.5 26.3

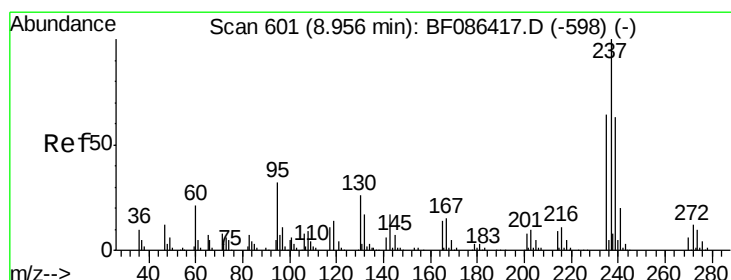
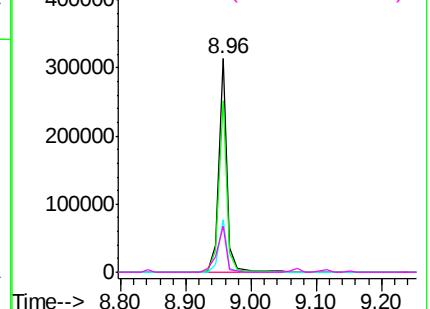
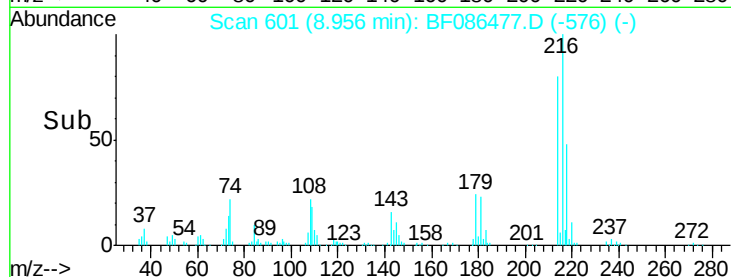


Abundance Ion 216.00 (215.70 to 216.70): E

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: 46.25 ng

RT: 8.94 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

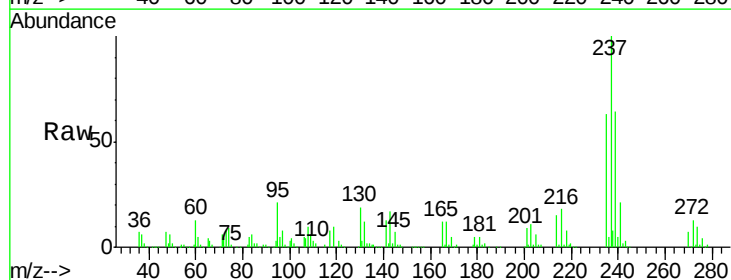
Tgt Ion:237 Resp: 191834

Ion Ratio Lower Upper

237 100

235 62.9 47.2 87.2

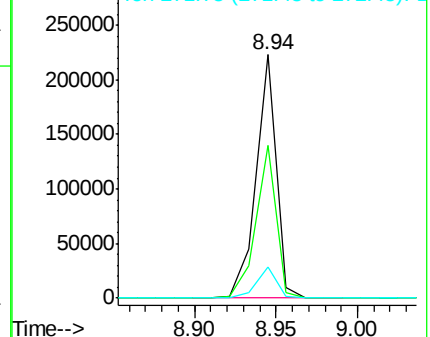
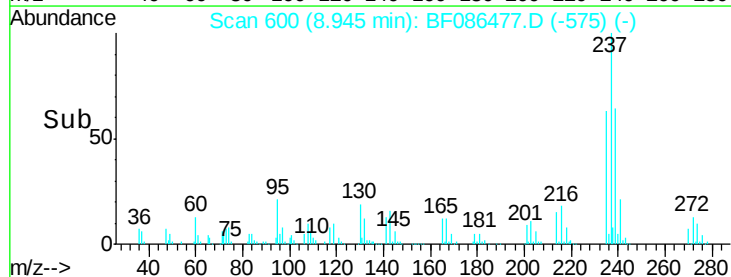
272 12.7 0.0 31.1

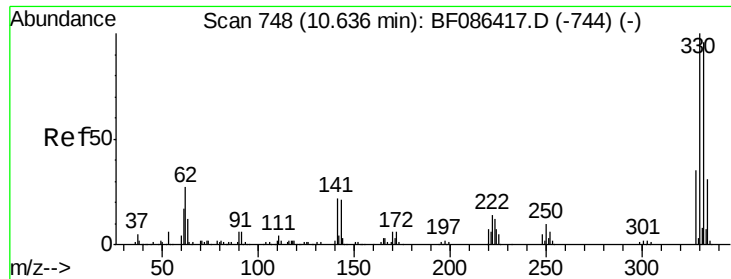


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

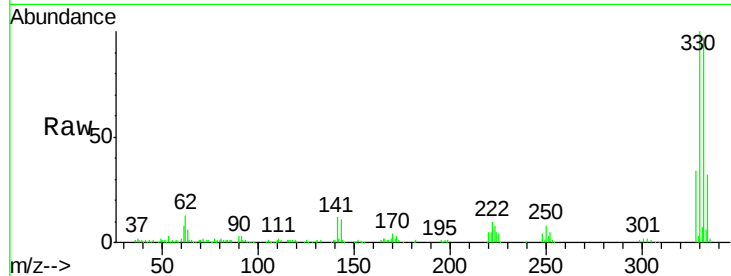




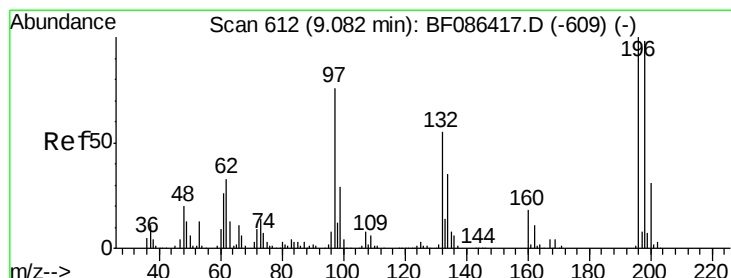
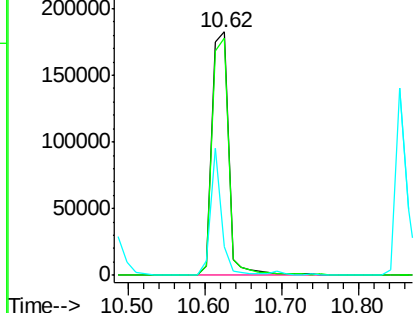
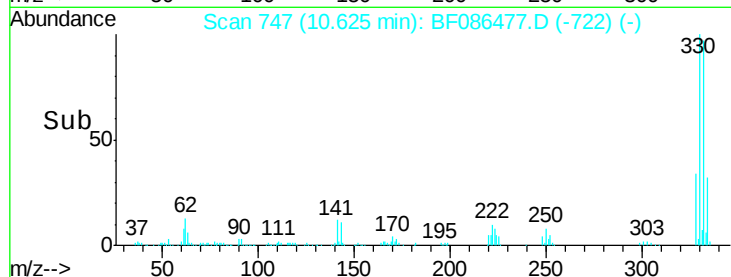
#41
 2,4,6-Tribromophenol
 Concen: 88.85 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion:330 Resp: 273229
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.0 118.4
 141 33.6 31.2 46.8

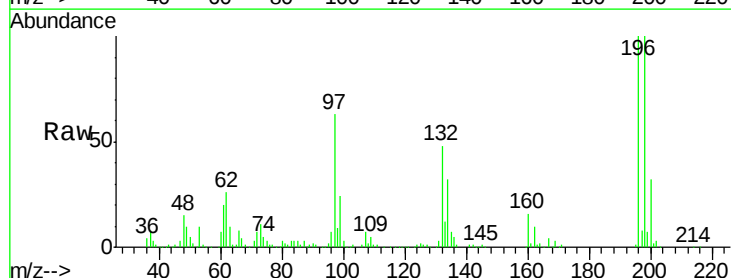


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

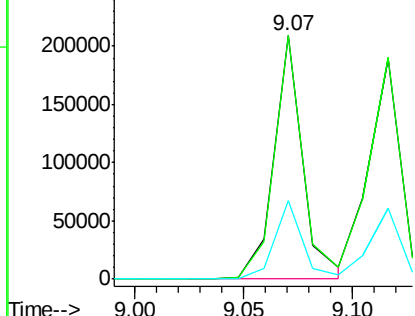
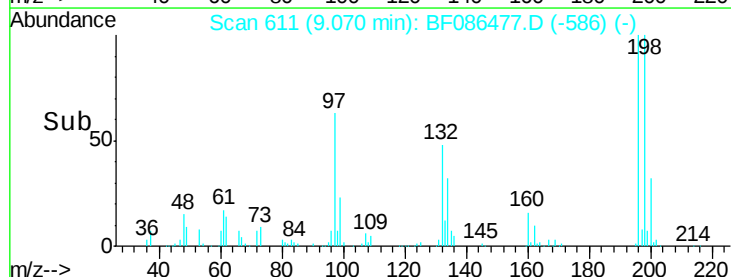


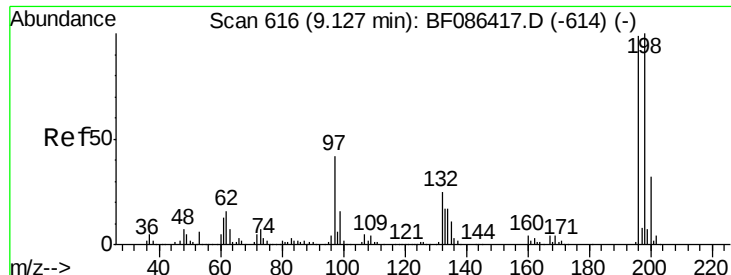
#42
 2,4,6-Trichlorophenol
 Concen: 36.72 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Tgt Ion:196 Resp: 193733
 Ion Ratio Lower Upper
 196 100
 198 99.9 74.7 112.1
 200 32.3 23.8 35.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

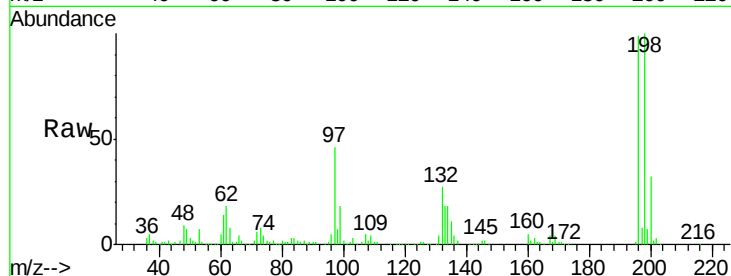




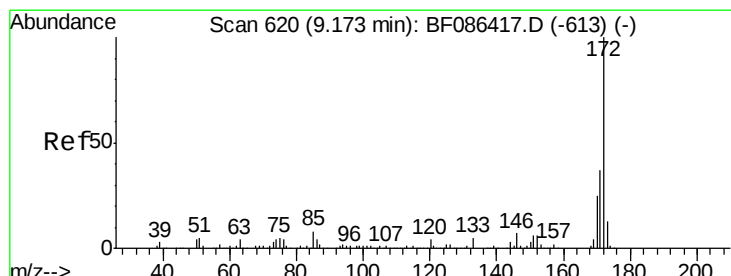
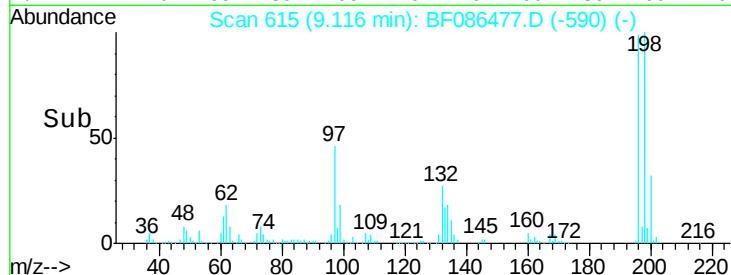
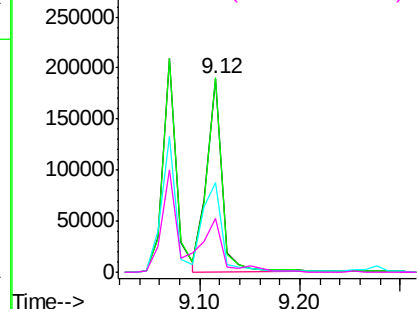
#43
 2,4,5-Trichlorophenol
 Concen: 35.27 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion:196 Resp: 202820
 Ion Ratio Lower Upper
 196 100
 198 100.9 77.5 116.3
 97 46.1 34.8 52.2
 132 27.6 23.0 34.4

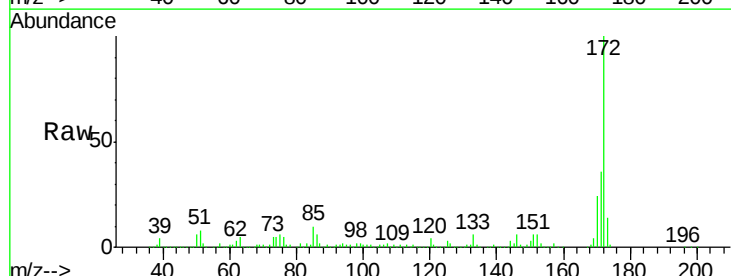


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

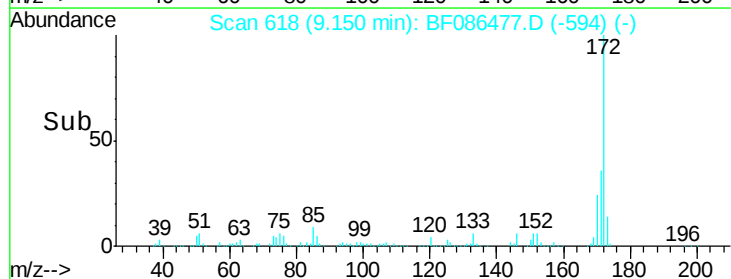
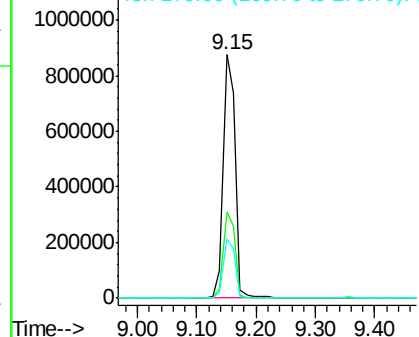


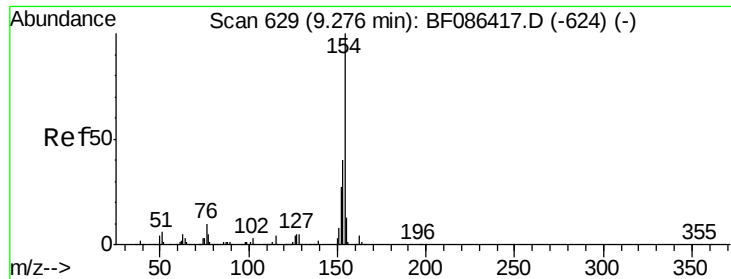
#44
 2-Fluorobiphenyl
 Concen: 70.87 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Tgt Ion:172 Resp: 1226727
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 24.4 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

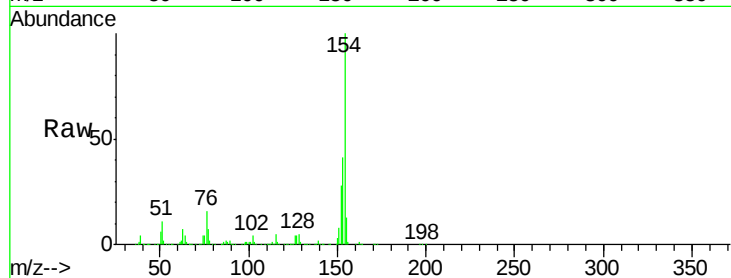




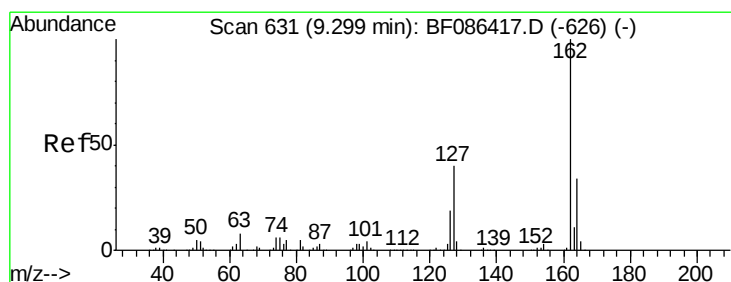
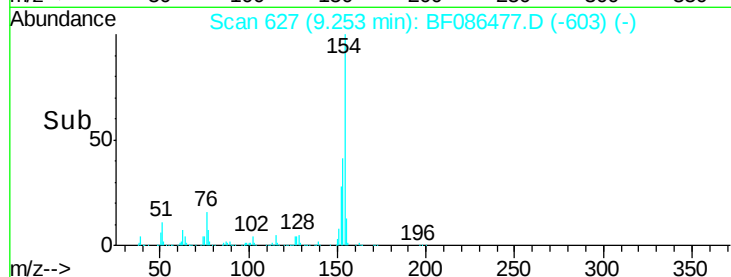
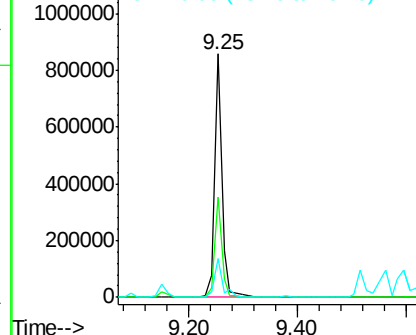
#45
1,1'-Biphenyl
Concen: 33.14 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion:154	Resp:	807804
Ion Ratio	Lower	Upper
154	100	
153	41.0	20.3 60.3
76	16.1	0.0 30.2

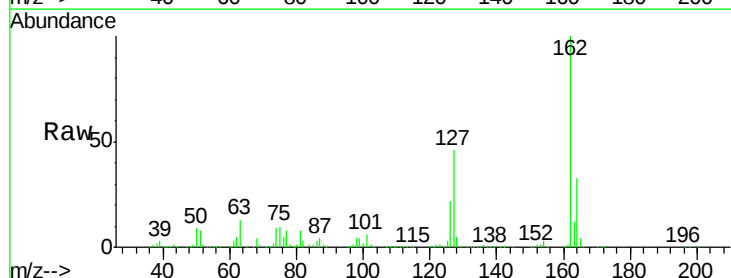


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

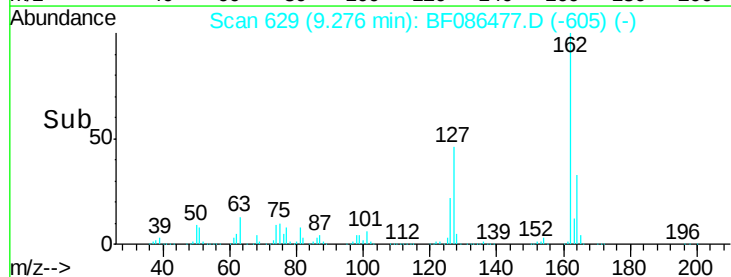
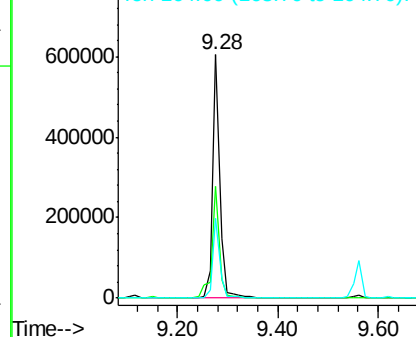


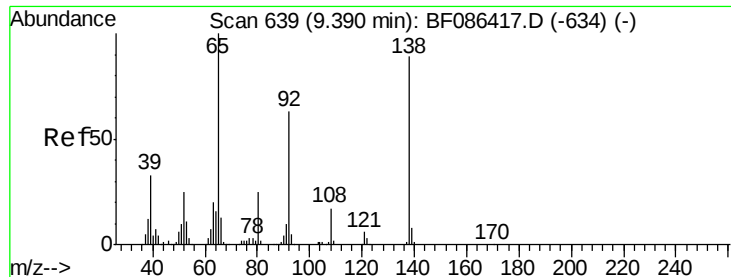
#46
2-Chloronaphthalene
Concen: 32.56 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion:162	Resp:	603520
Ion Ratio	Lower	Upper
162	100	
127	45.8	31.8 47.6
164	32.8	27.0 40.6



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

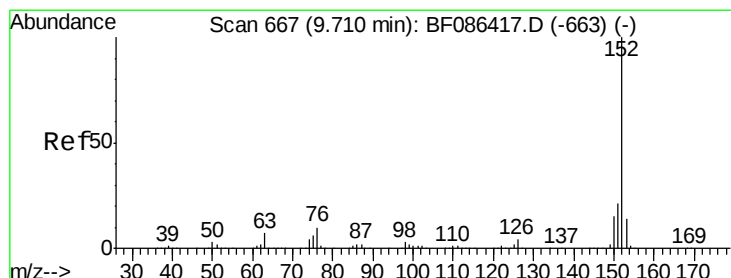
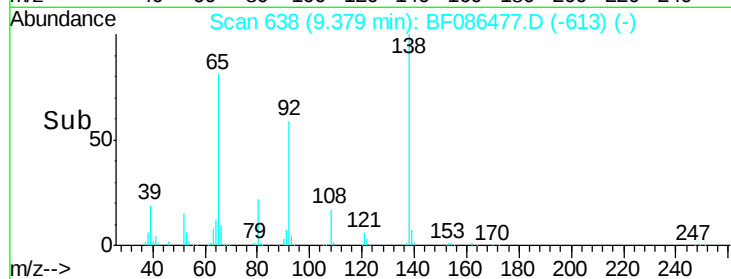
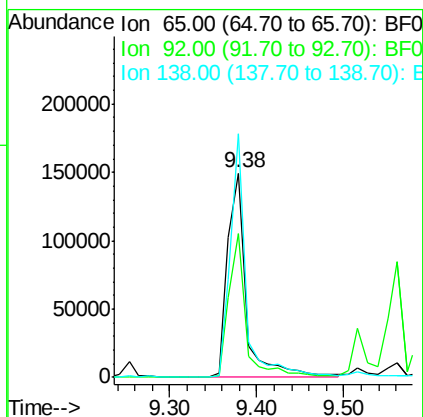
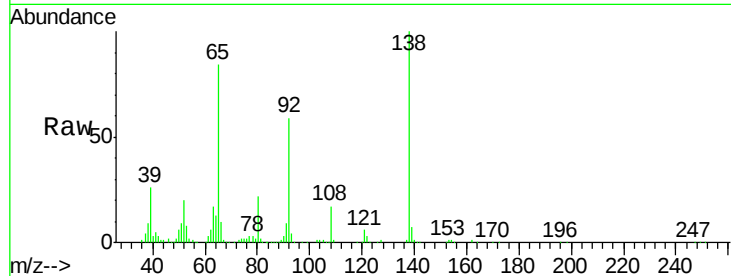




#47
2-Nitroaniline
Concen: 37.85 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

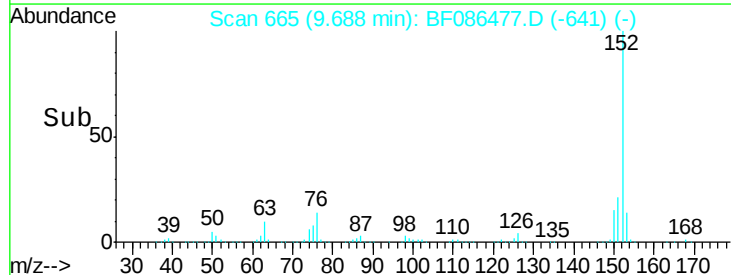
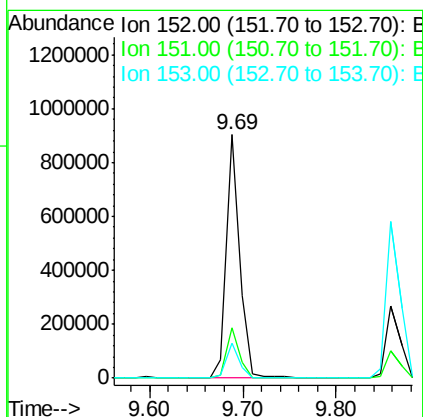
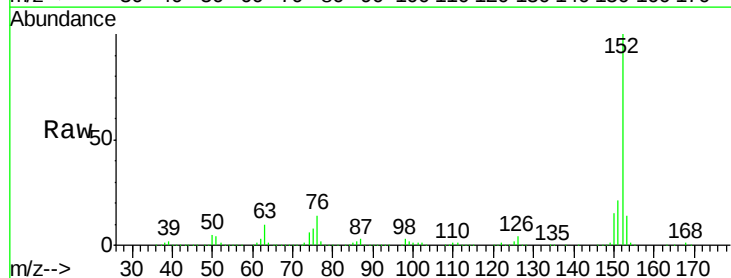
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

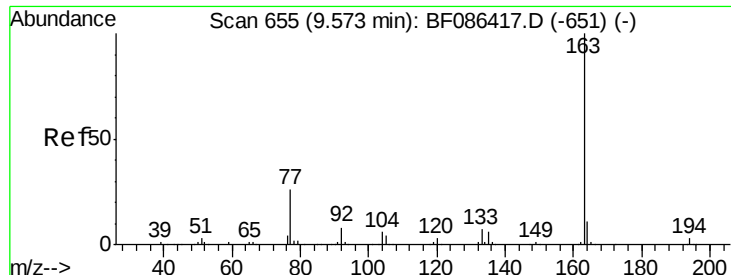
Tot Ion: 65 Resp: 224944
Ion Ratio Lower Upper
65 100
92 70.5 57.4 86.2
138 119.4 90.1 135.1



#48
Acenaphthylene
Concen: 31.22 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion: 152 Resp: 904491
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 14.3 10.9 16.3

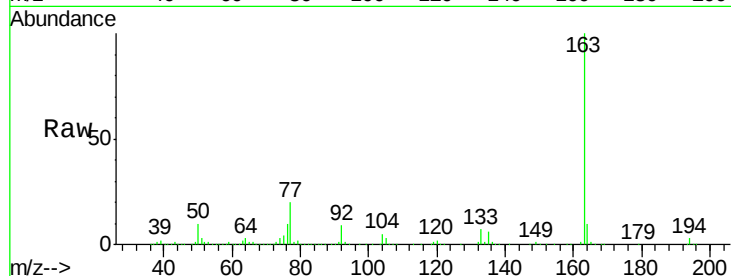




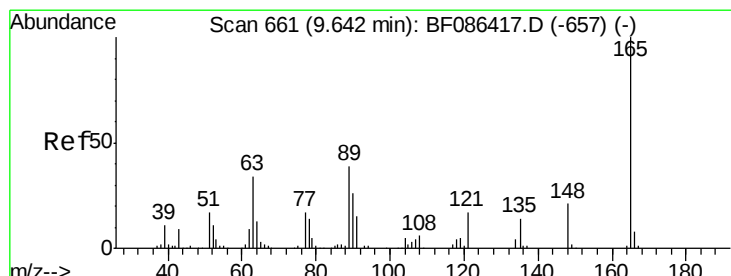
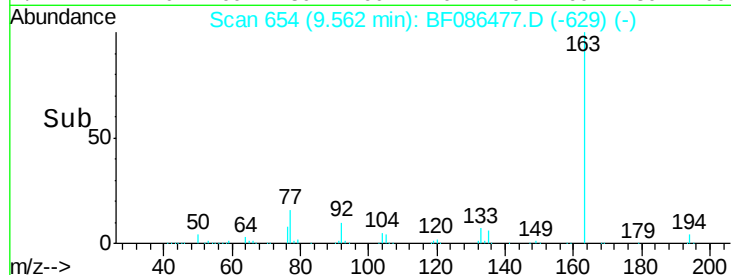
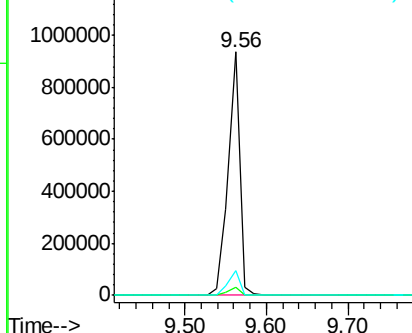
#49
Dimethylphthalate
Concen: 42.13 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion:163 Resp: 924962
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.0 8.2 12.4

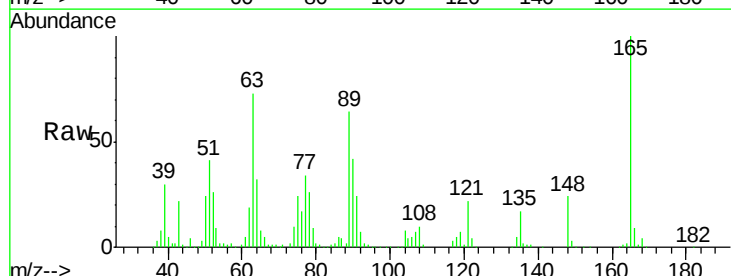


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

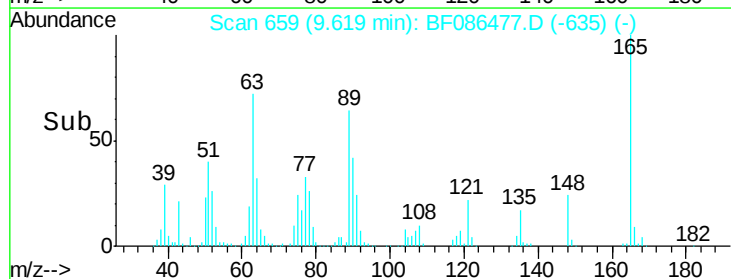
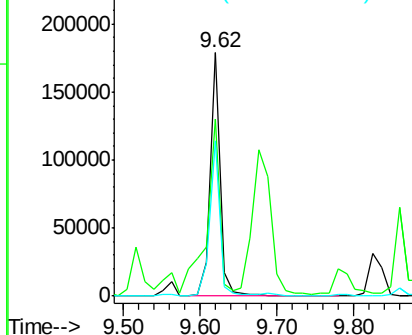


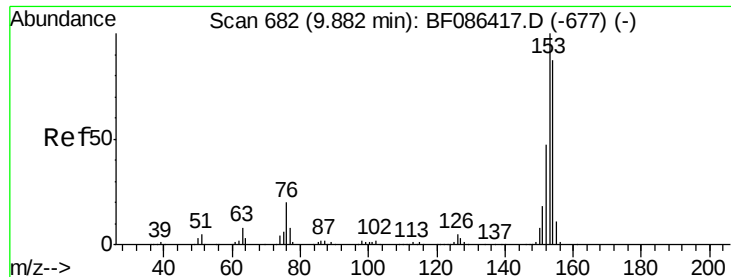
#50
2,6-Dinitrotoluene
Concen: 35.28 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion:165 Resp: 160029
Ion Ratio Lower Upper
165 100
63 72.7 51.8 77.8
89 63.7 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: 30.93 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

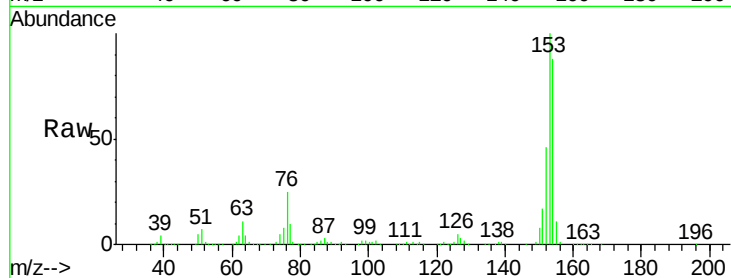
Tot Ion:154 Resp: 575503

Ion Ratio Lower Upper

154 100

153 113.3 89.8 134.6

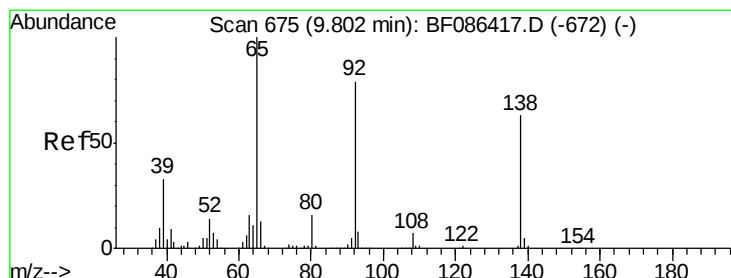
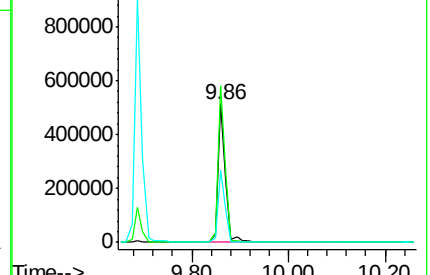
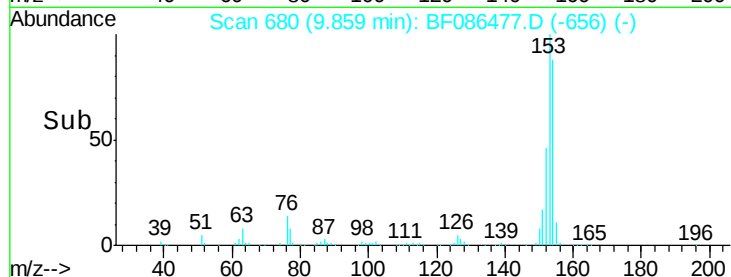
152 52.3 43.4 65.0



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: 28.97 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

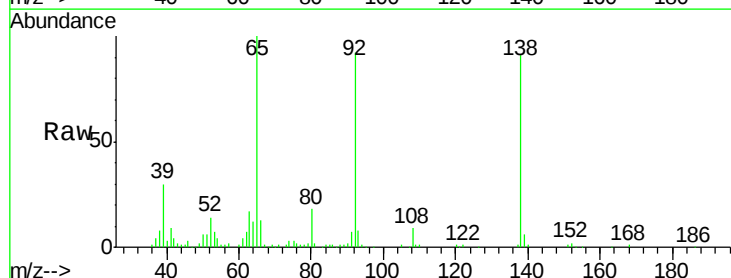
Tgt Ion:138 Resp: 149454

Ion Ratio Lower Upper

138 100

108 9.8 7.8 11.6

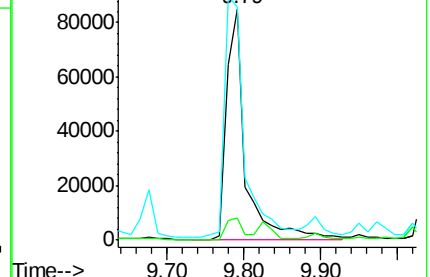
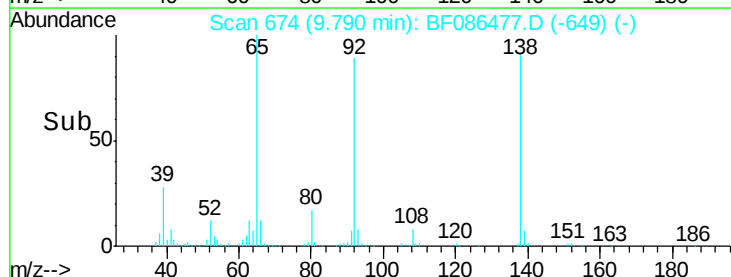
92 101.2 87.8 131.8

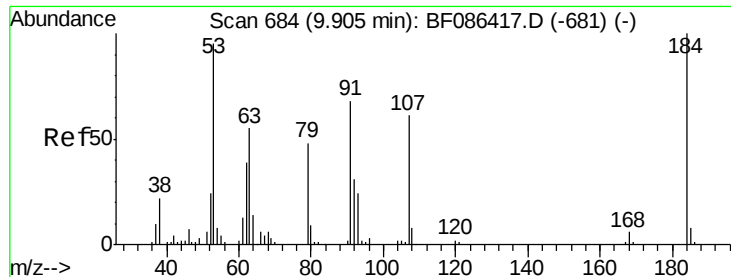


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

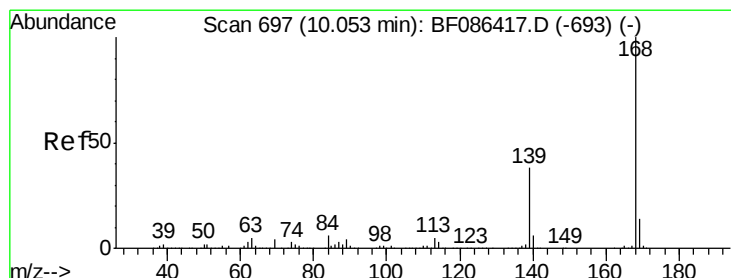
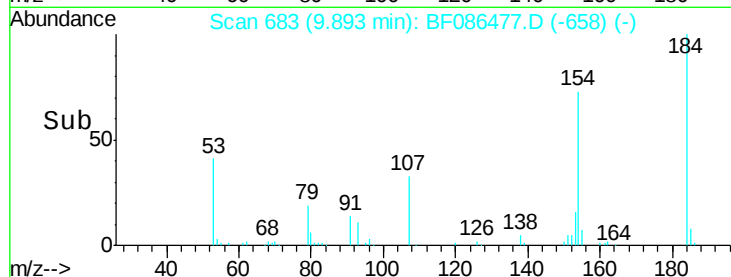
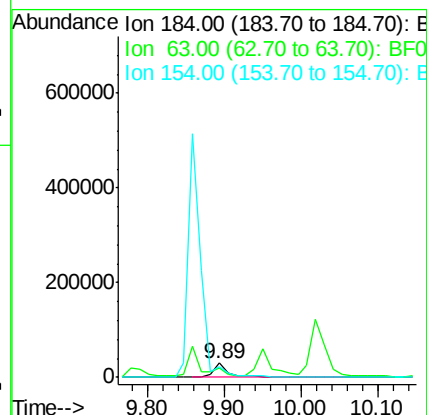
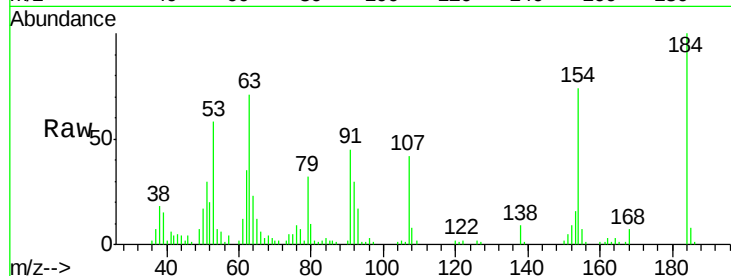




#53
2,4-Dinitrophenol
Concen: 23.36 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

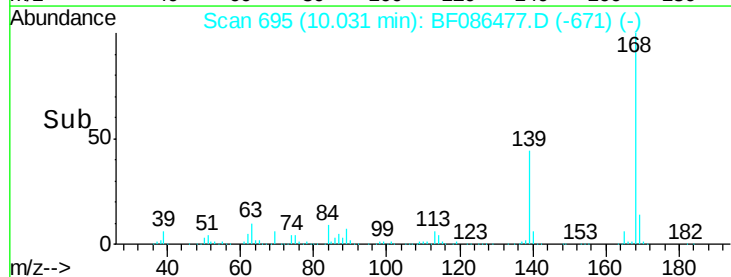
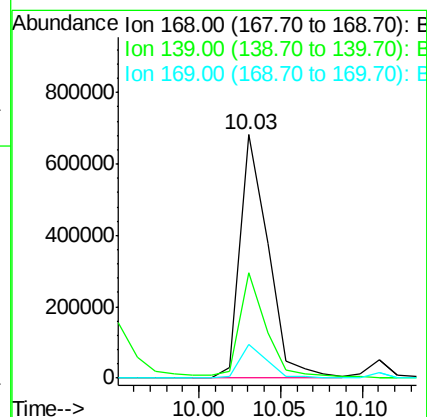
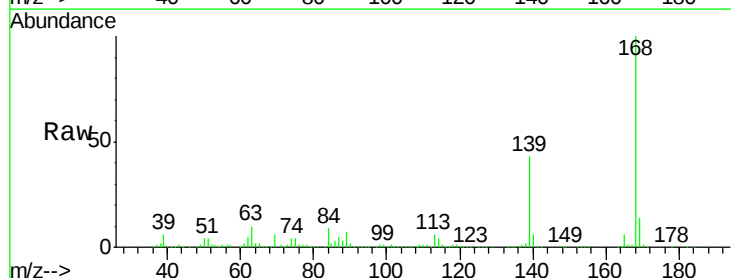
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

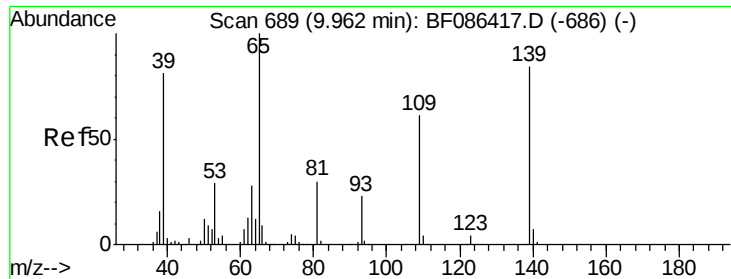
Tot Ion:184 Resp: 42678
Ion Ratio Lower Upper
184 100
63 70.6 55.8 83.8
154 74.2 62.4 93.6



#54
Dibenzofuran
Concen: 34.73 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion:168 Resp: 807669
Ion Ratio Lower Upper
168 100
139 43.4 31.4 47.0
169 14.1 10.7 16.1

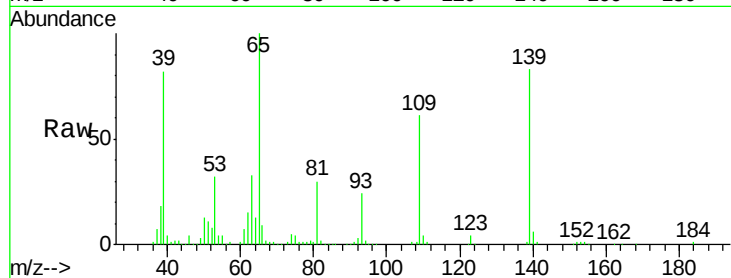




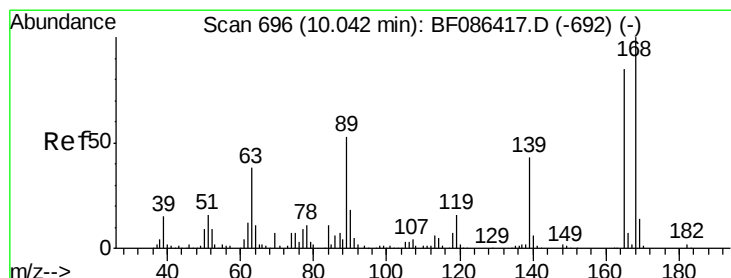
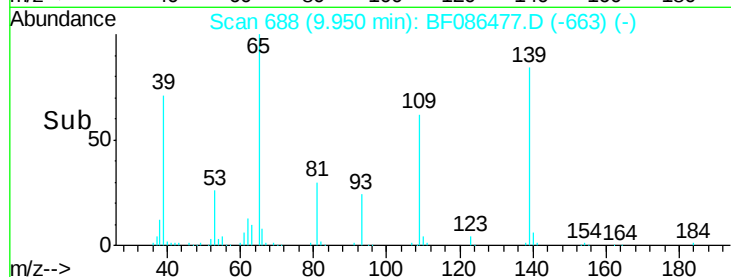
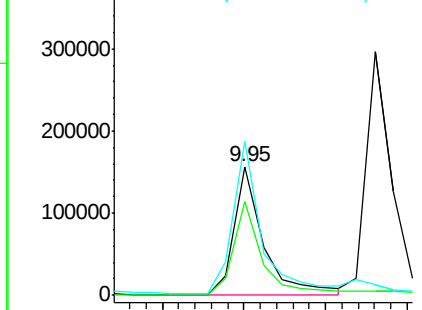
#55
4-Nitrophenol
Concen: 58.34 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	73.3	36.9	76.9
65	120.3	64.0	104.0



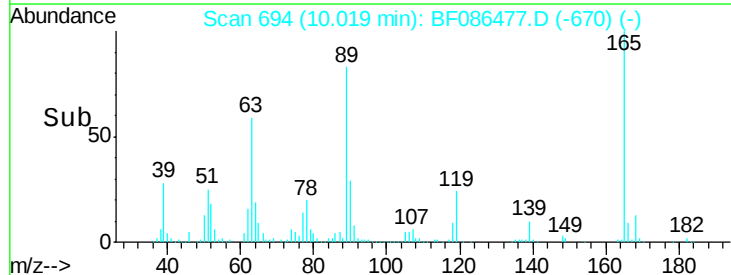
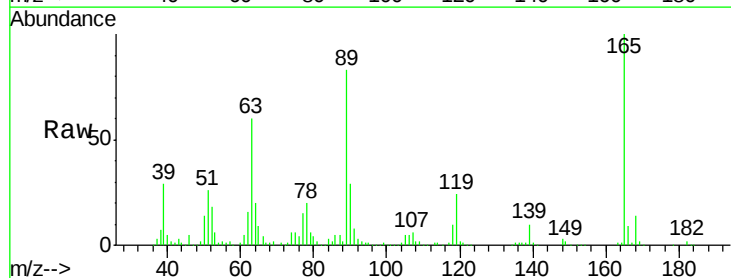
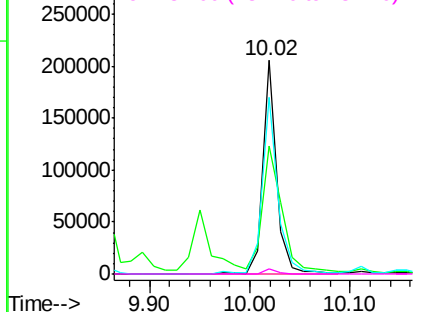
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

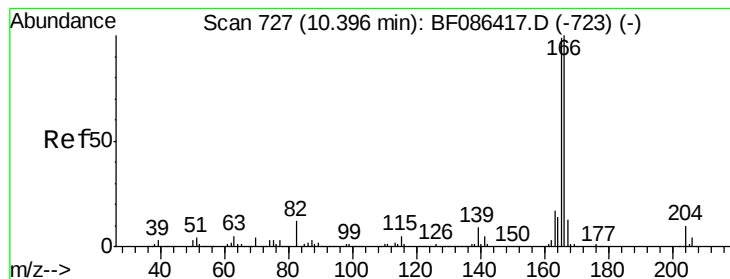


#56
2,4-Dinitrotoluene
Concen: 33.85 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.1	44.3	66.5
89	83.0	70.0	105.0
182	2.1	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: 28.45 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

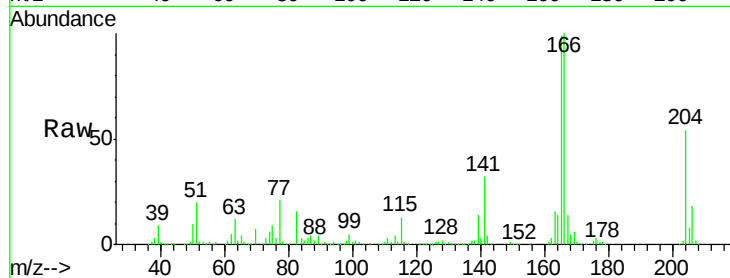
Tot Ion:166 Resp: 574491

Ion Ratio Lower Upper

166 100

165 99.5 79.0 118.6

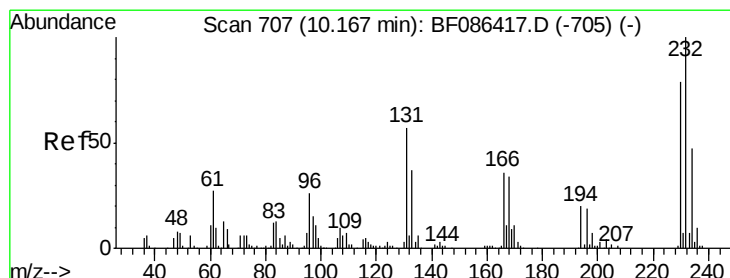
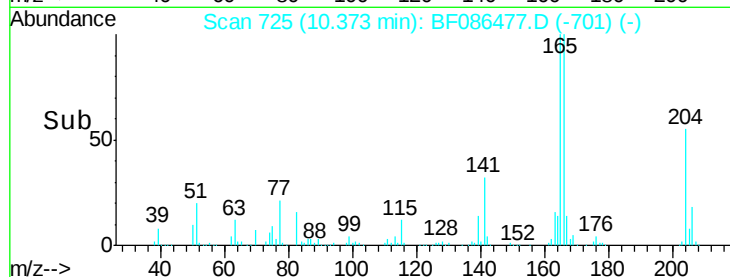
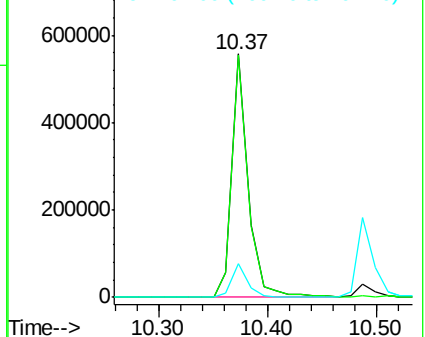
167 13.9 10.6 15.8



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: 36.01 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion:232 Resp: 161923

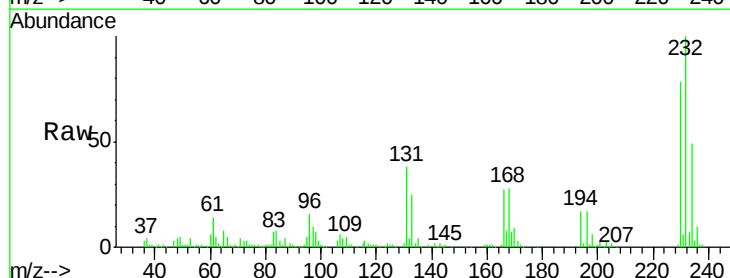
Ion Ratio Lower Upper

232 100

131 47.8 41.9 62.9

130 2.2 2.2 3.4

166 28.7 26.8 40.2

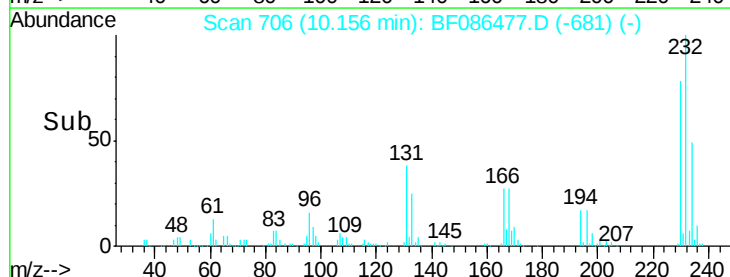
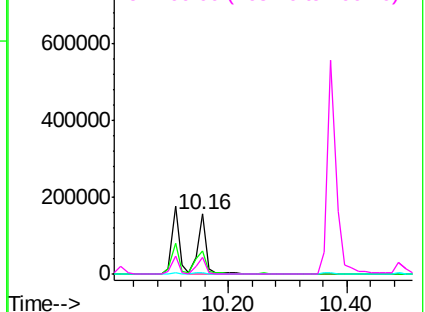


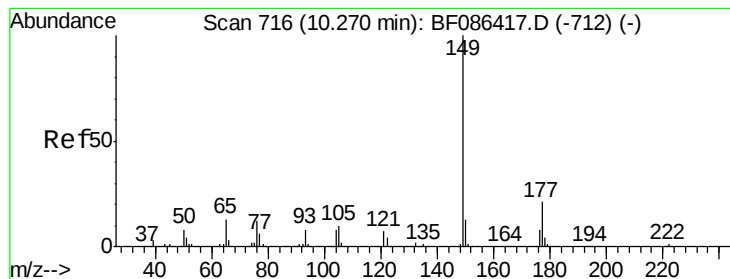
Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.09 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

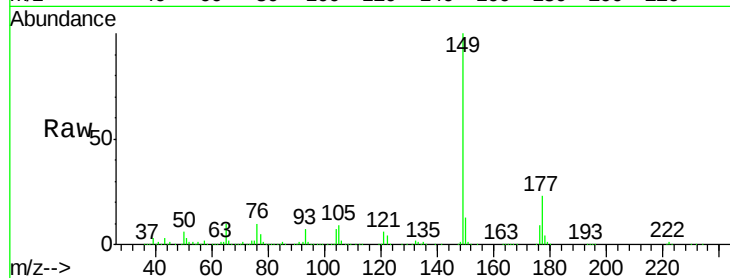
Tot Ion:149 Resp: 729242

Ion Ratio Lower Upper

149 100

177 22.5 16.6 24.8

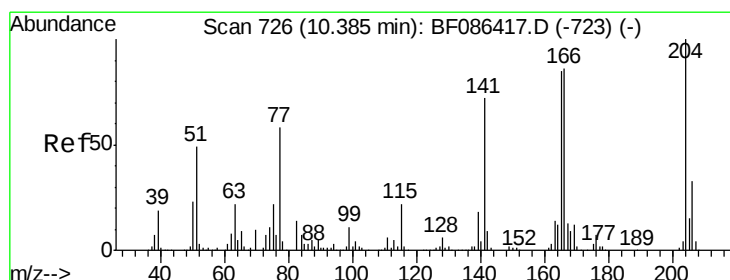
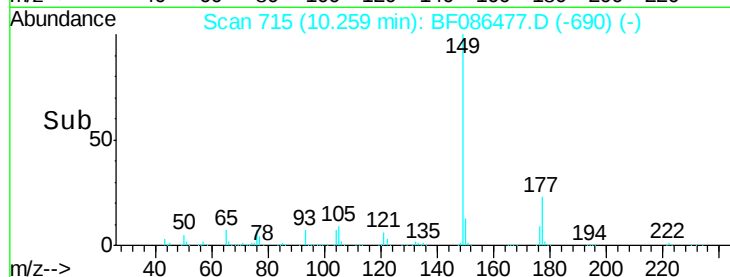
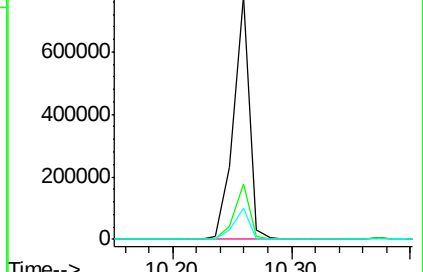
150 12.7 10.0 15.0



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: 33.31 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

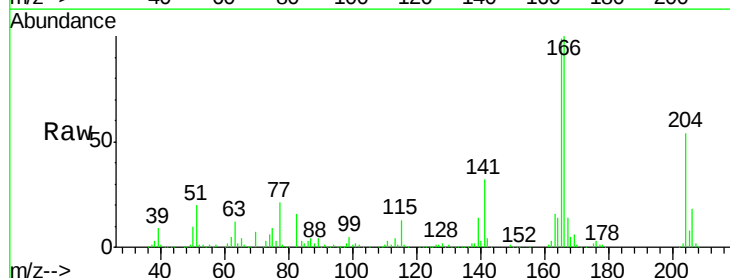
Tgt Ion:204 Resp: 305377

Ion Ratio Lower Upper

204 100

206 32.5 25.4 38.0

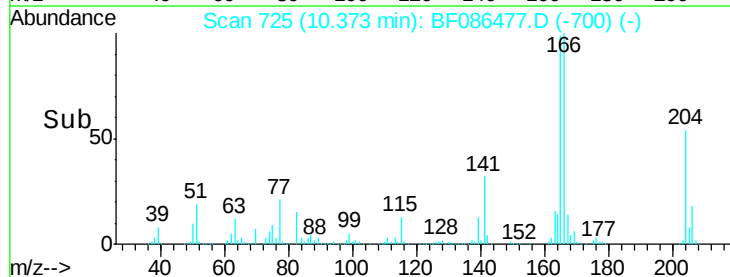
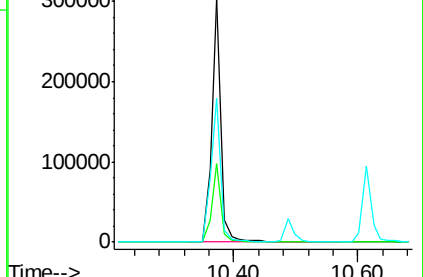
141 59.1 61.6 92.4#

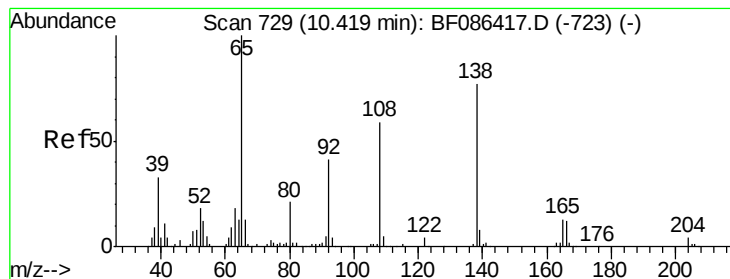


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 29.98 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

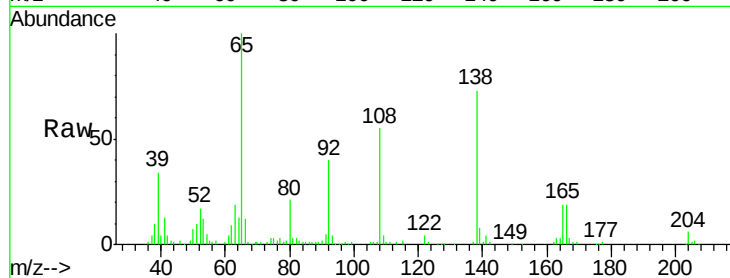
Tot Ion:138 Resp: 151142

Ion Ratio Lower Upper

138 100

92 55.2 24.7 64.7

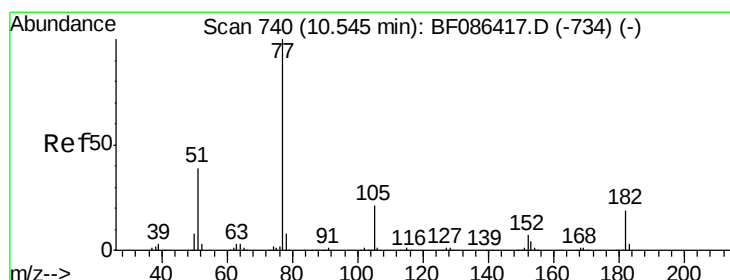
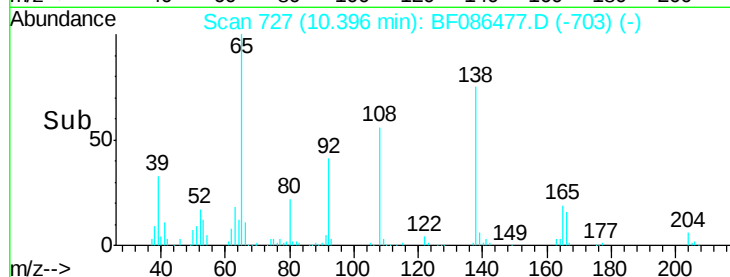
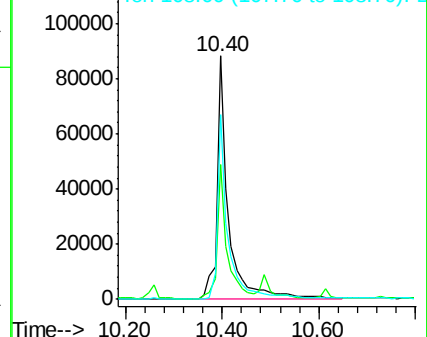
108 76.0 37.4 77.4



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: 36.31 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion: 77 Resp: 826497

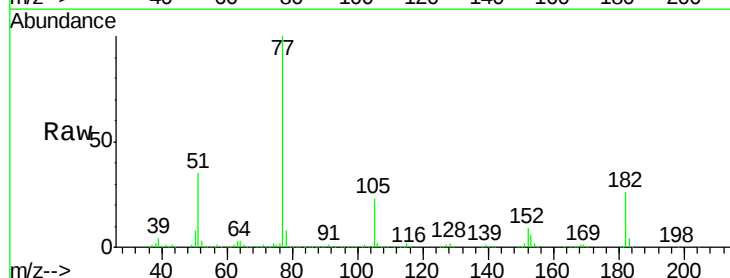
Ion Ratio Lower Upper

77 100

182 26.0 0.0 38.8

105 22.9 3.2 43.2

51 35.4 8.8 48.8

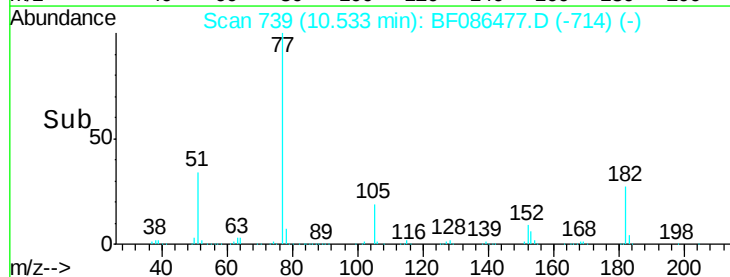
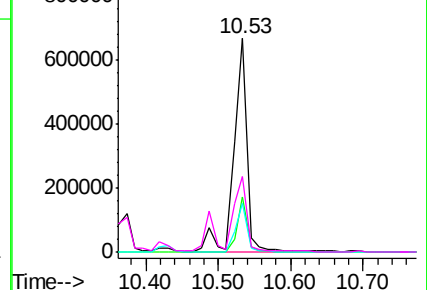


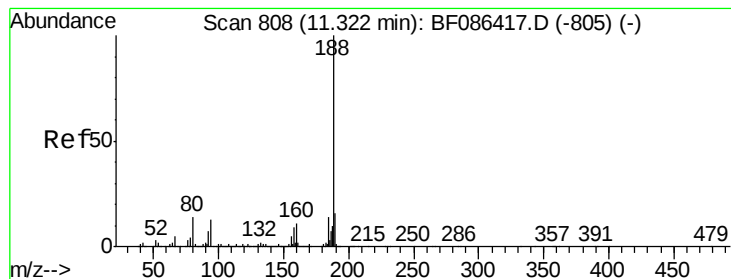
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

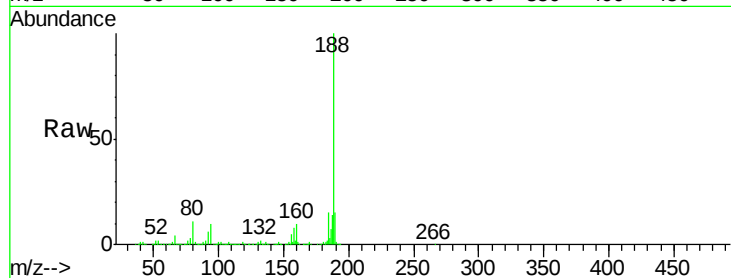
Tot Ion:188 Resp: 510640

Ion Ratio Lower Upper

188 100

94 10.1 6.8 10.2

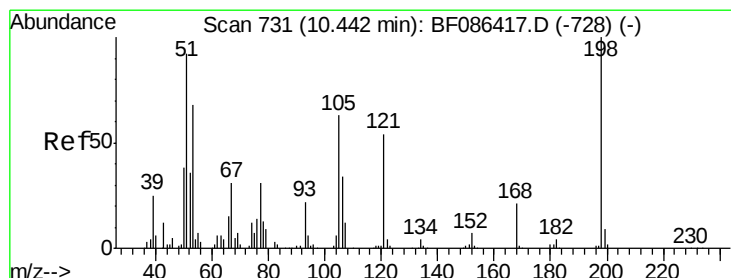
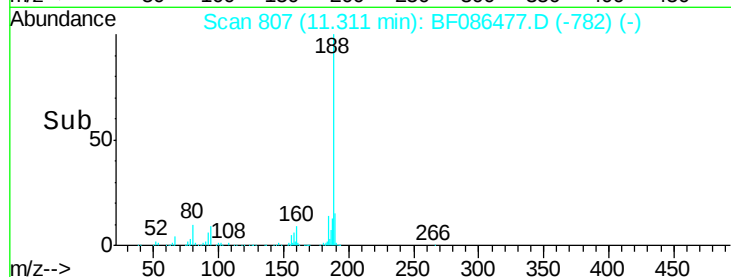
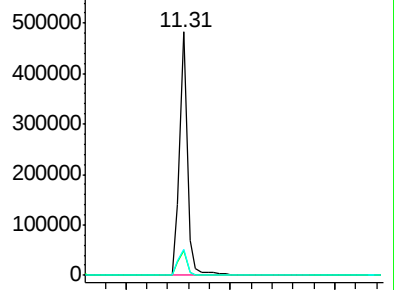
80 10.6 7.1 10.7



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: 19.34 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

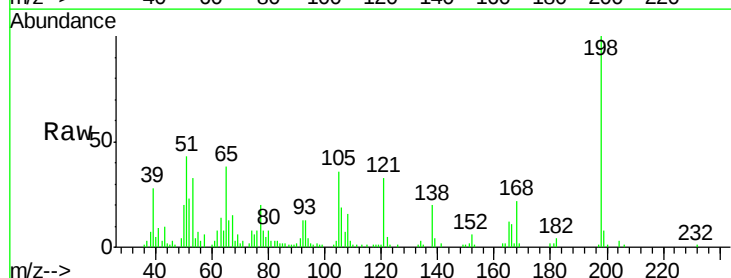
Tgt Ion:198 Resp: 57985

Ion Ratio Lower Upper

198 100

51 43.4 20.5 60.5

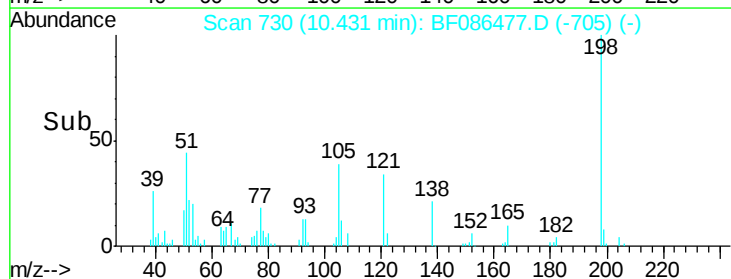
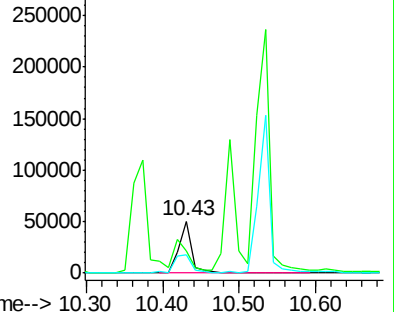
105 36.0 24.5 64.5

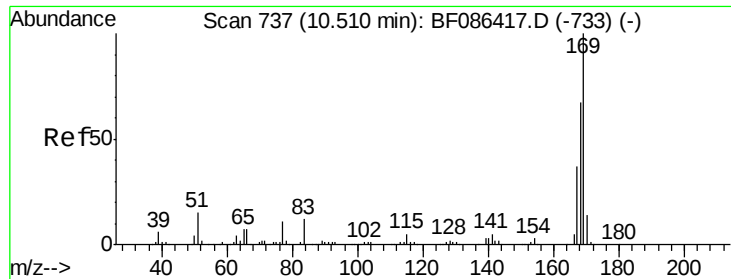


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

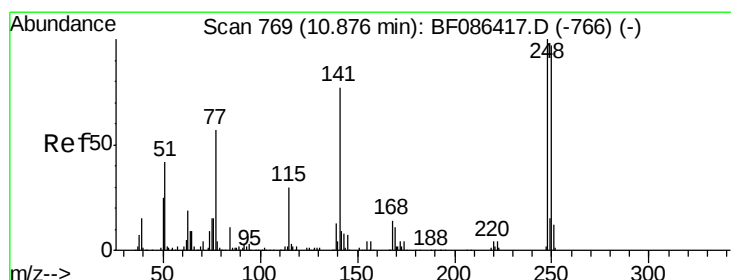
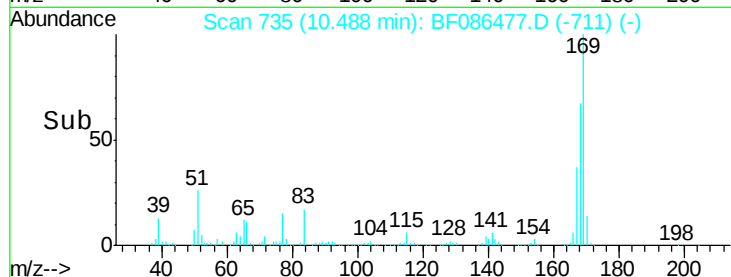
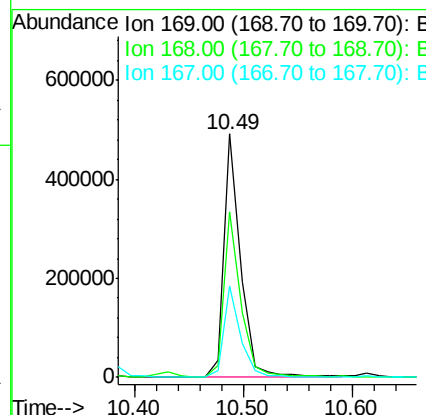
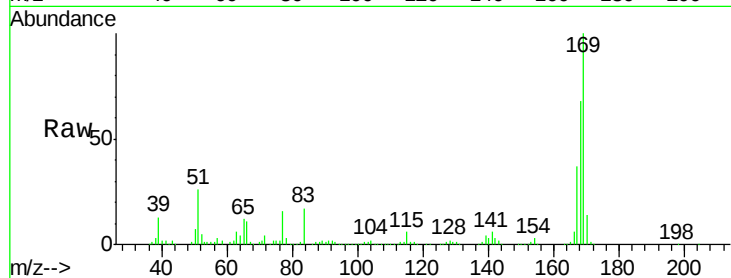




#65
n-Nitrosodiphenylamine
Concen: 33.22 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

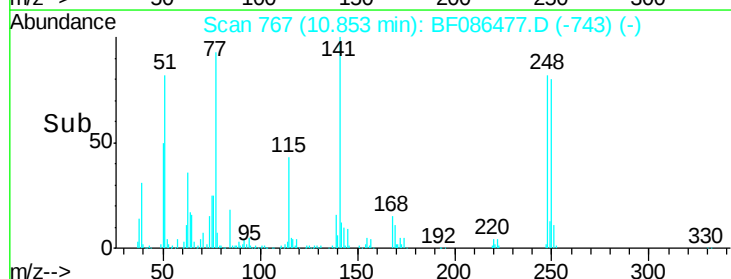
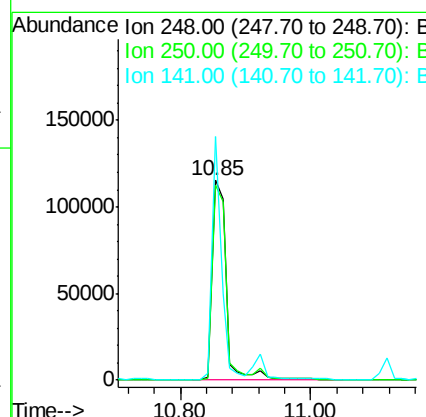
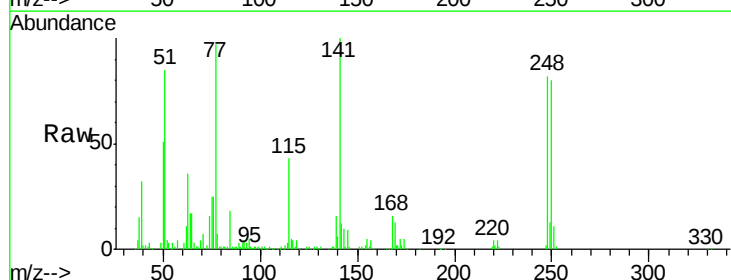
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

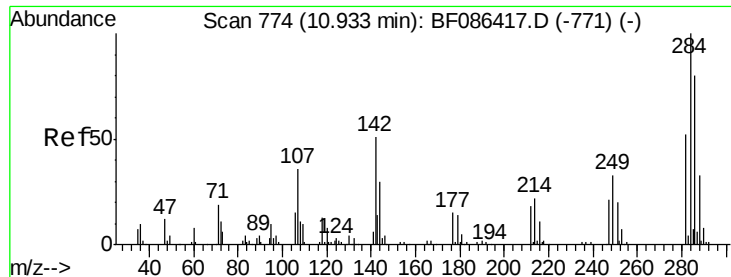
Tot Ion:169 Resp: 530146
Ion Ratio Lower Upper
169 100
168 67.7 53.8 80.6
167 37.4 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 33.24 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion:248 Resp: 174912
Ion Ratio Lower Upper
248 100
250 97.5 78.6 117.8
141 121.7 76.0 114.0#

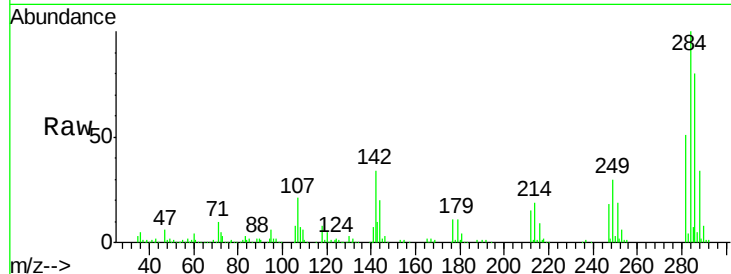




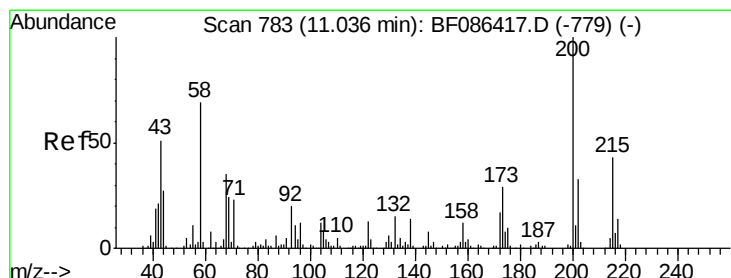
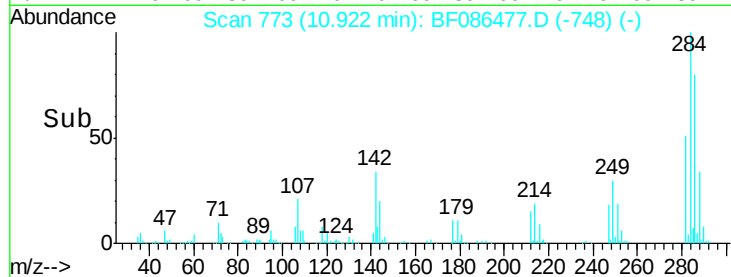
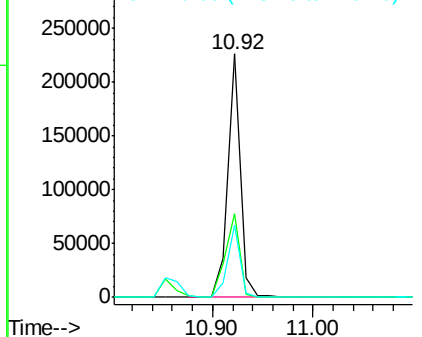
#67
Hexachlorobenzene
Concen: 32.17 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.2	16.7	25.1#
249	29.6	21.3	31.9

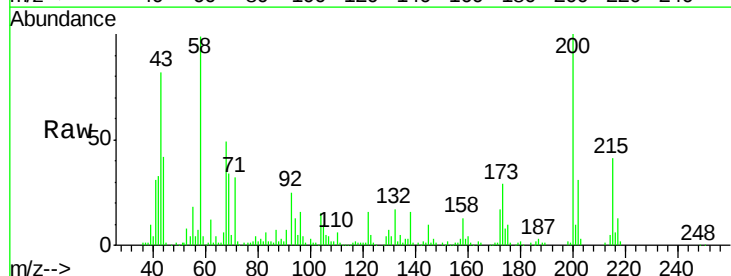


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

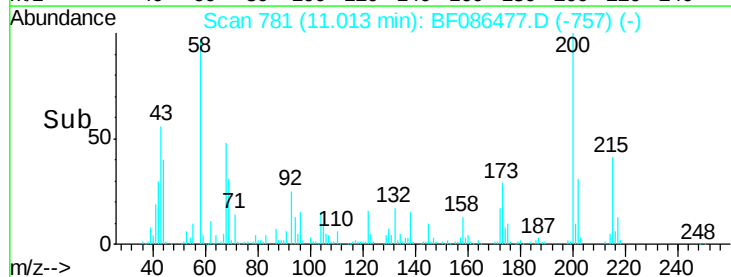
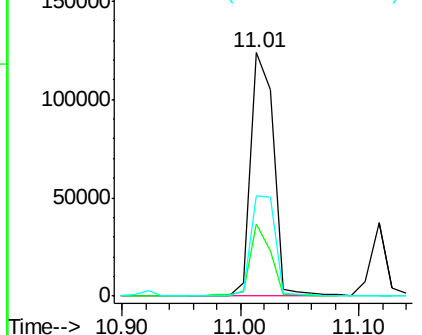


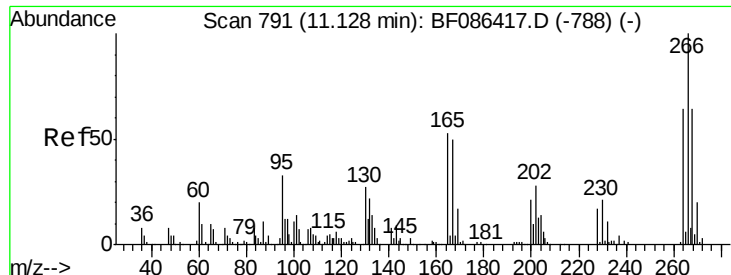
#68
Atrazine
Concen: 35.02 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.4	8.5	48.5
215	41.0	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

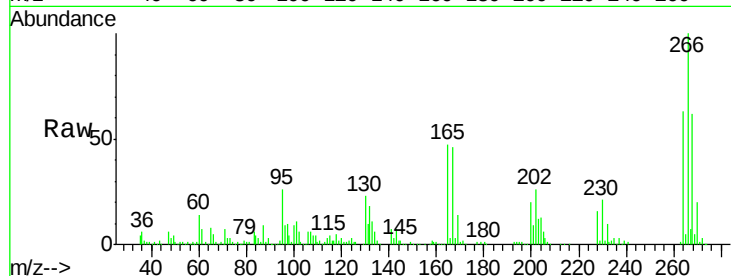




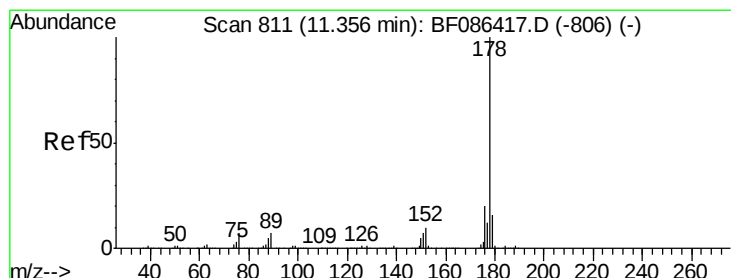
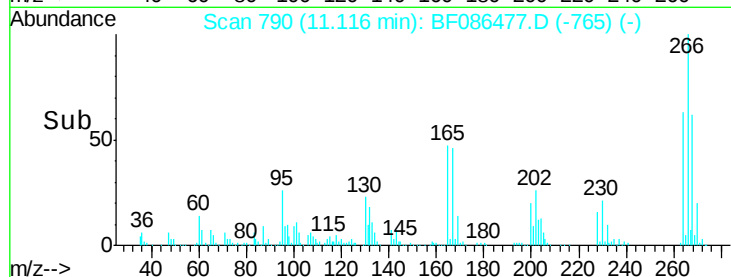
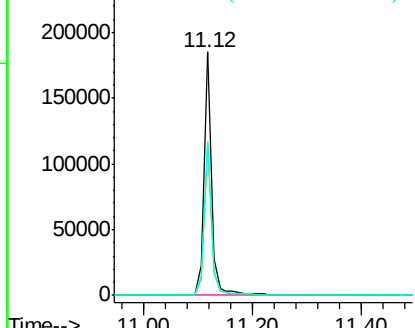
#69
 Pentachlorophenol
 Concen: 55.43 ng
 RT: 11.12 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.1	51.5	77.3
264	63.2	52.9	79.3

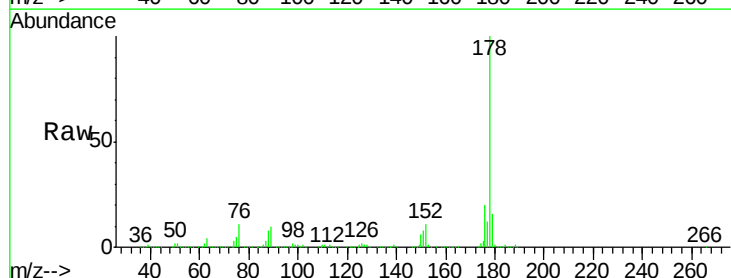


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

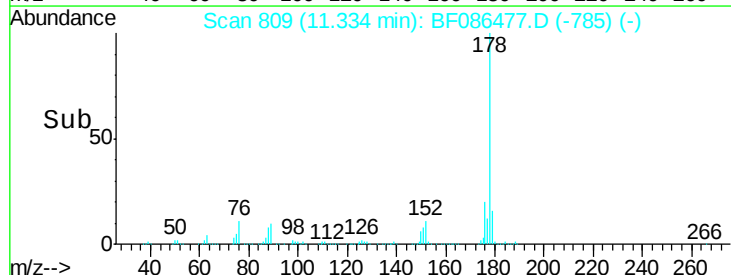
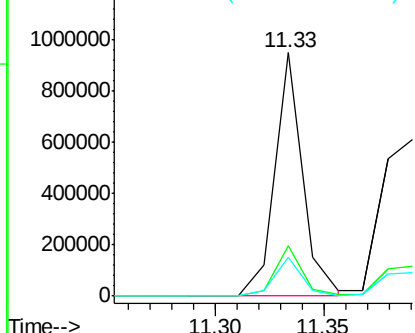


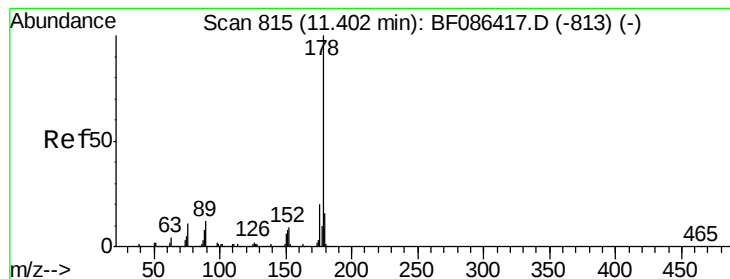
#70
 Phenanthrene
 Concen: 31.95 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.0	24.0
179	15.8	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: 32.39 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

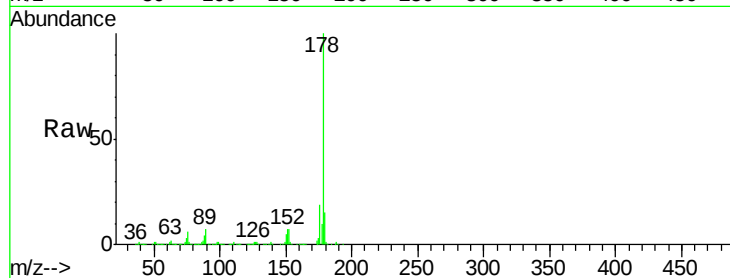
Tot Ion:178 Resp: 926226

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

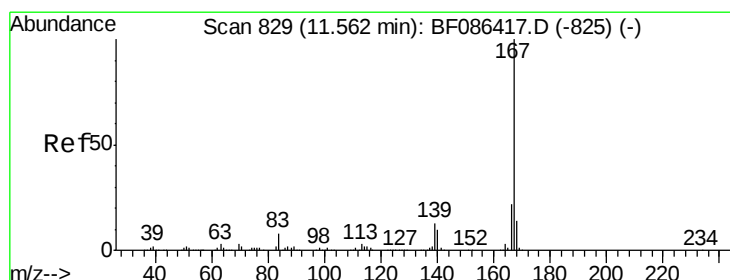
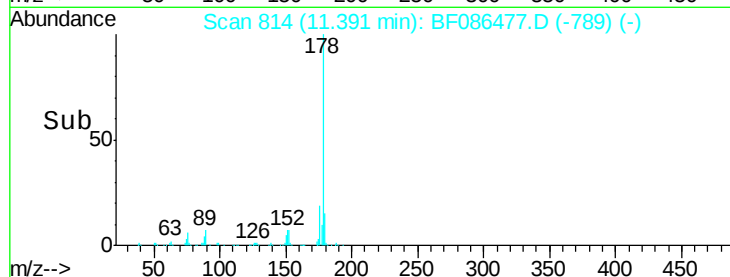
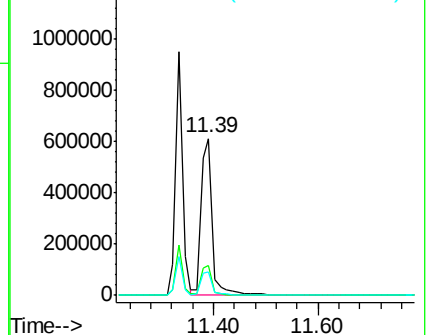
179 15.2 12.7 19.1



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



#72

Carbazole

Concen: 31.22 ng

RT: 11.54 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

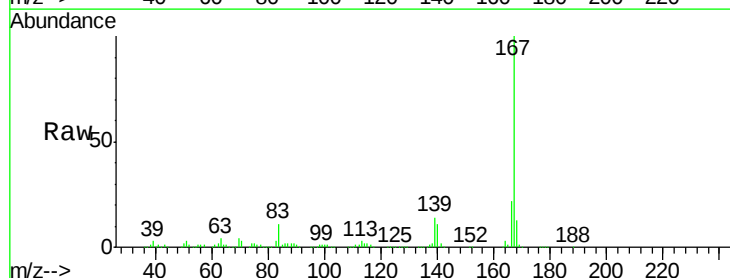
Tgt Ion:167 Resp: 791351

Ion Ratio Lower Upper

167 100

166 21.8 17.7 26.5

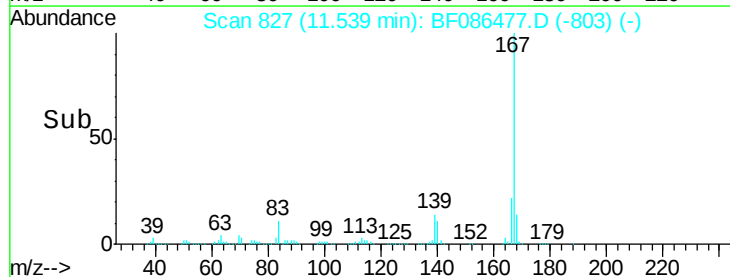
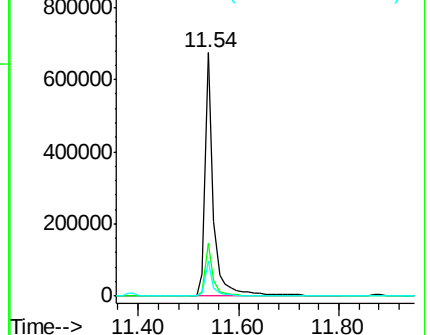
139 14.1 10.8 16.2

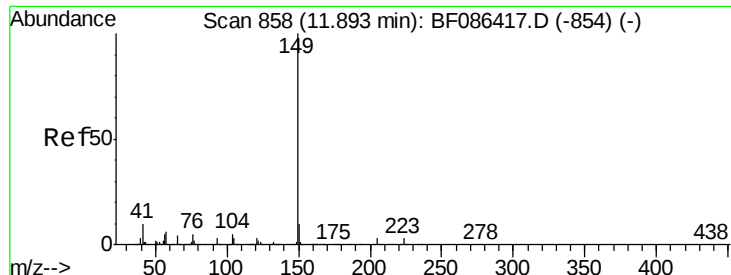


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.38 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

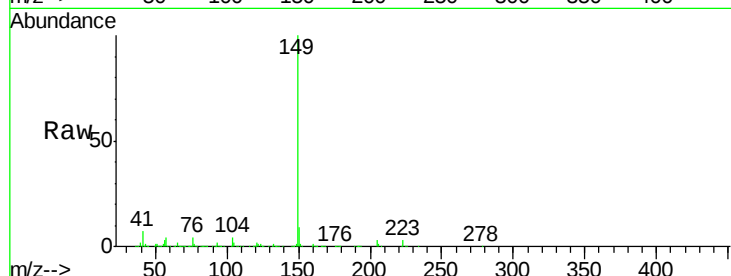
Tot Ion:149 Resp: 1044583

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

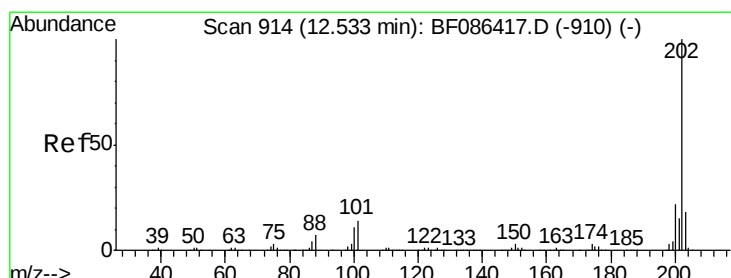
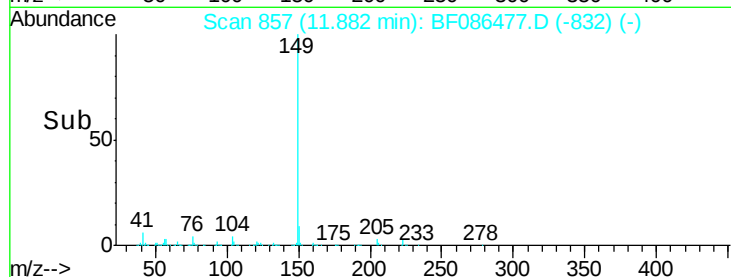
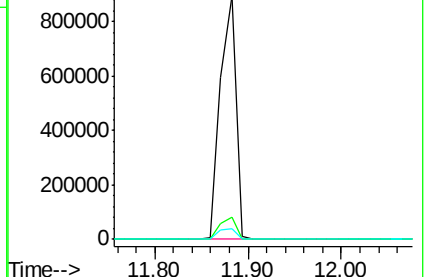
104 4.4 3.8 5.6



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: 29.27 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

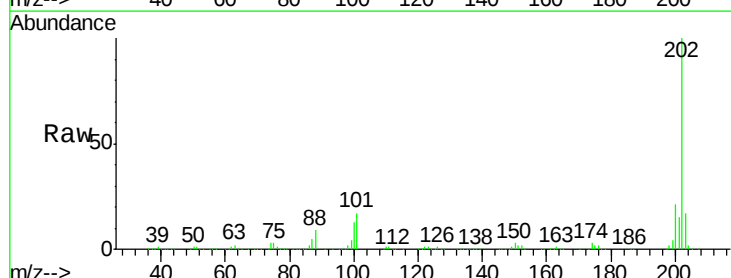
Tgt Ion:202 Resp: 791717

Ion Ratio Lower Upper

202 100

101 17.3 0.0 35.4

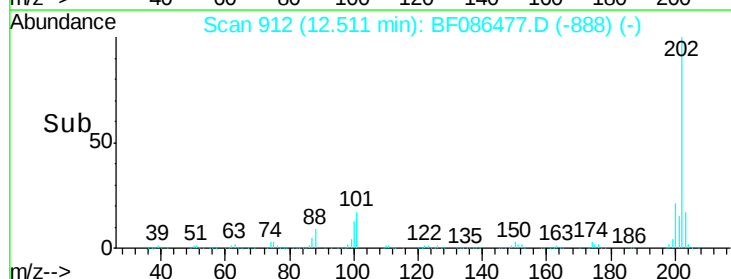
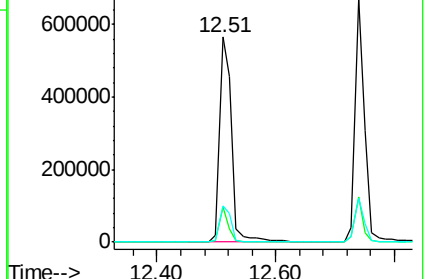
203 17.5 0.0 38.1

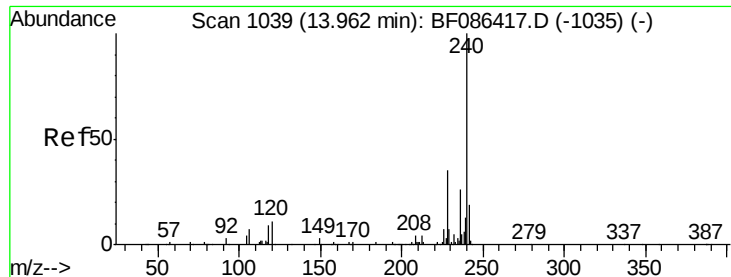


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

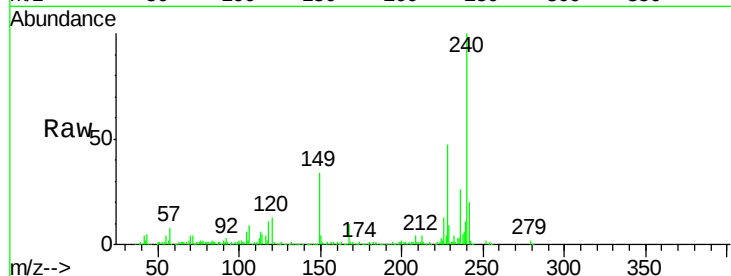
Tot Ion:240 Resp: 298710

Ion Ratio Lower Upper

240 100

120 12.9 11.2 16.8

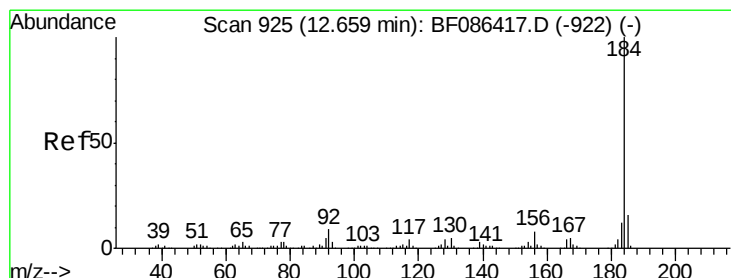
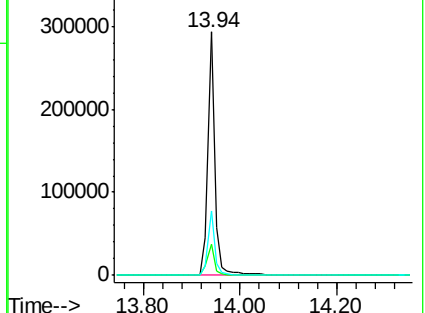
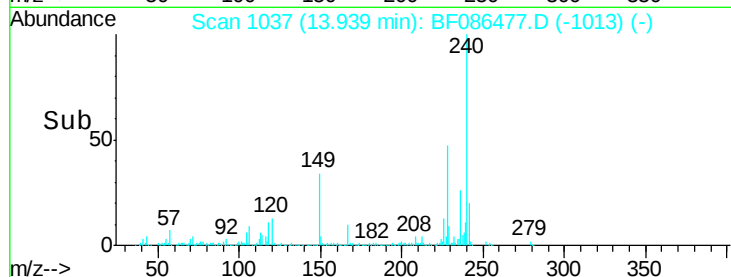
236 26.5 21.2 31.8



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: 21.98 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

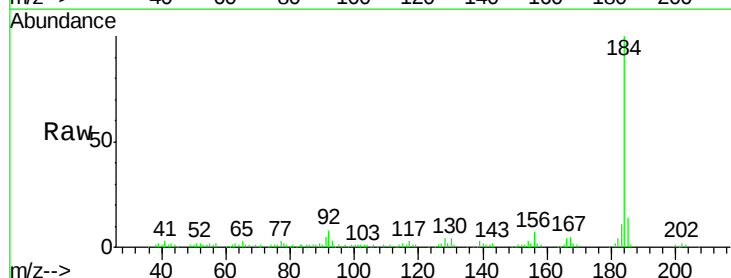
Tgt Ion:184 Resp: 225660

Ion Ratio Lower Upper

184 100

185 14.3 13.6 20.4

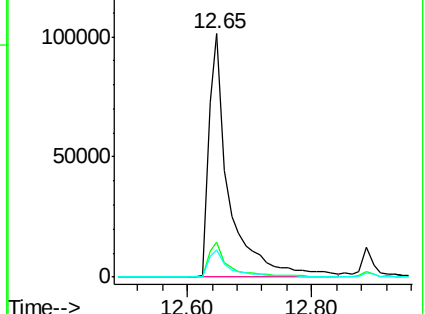
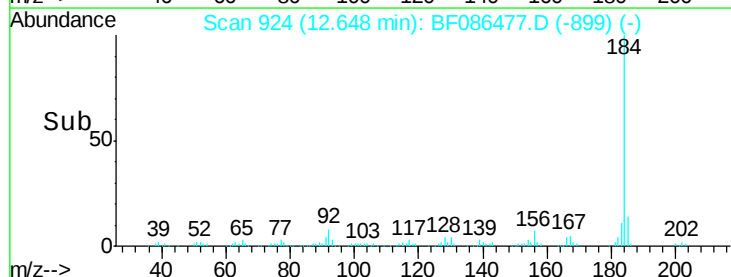
183 11.4 9.8 14.6

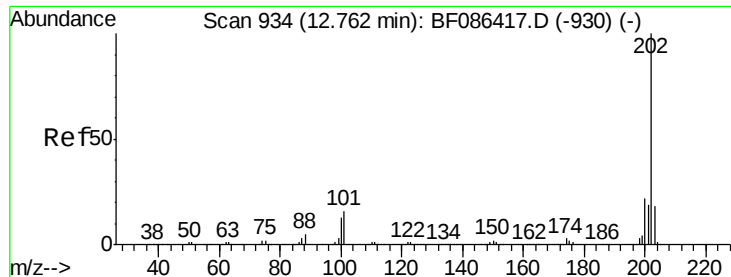


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.38 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

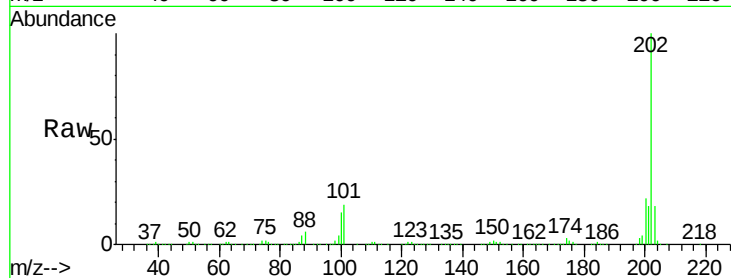
Tot Ion:202 Resp: 739937

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

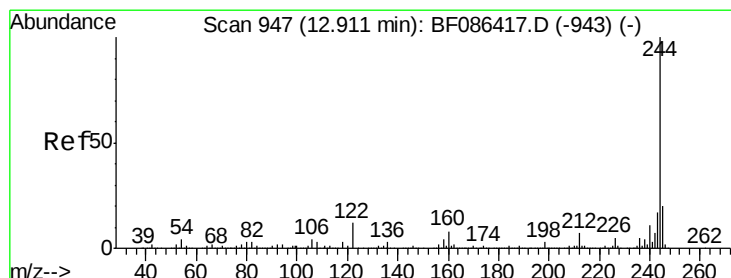
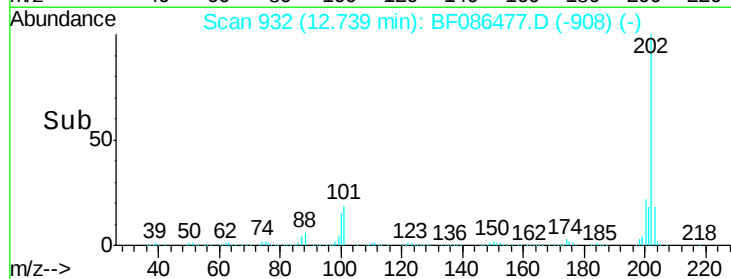
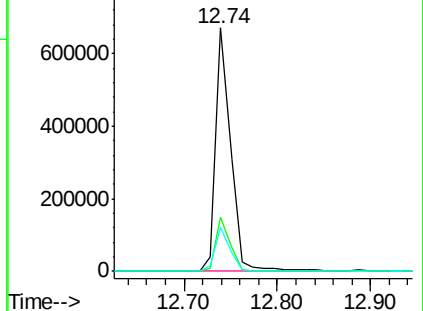
203 18.1 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 62.87 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

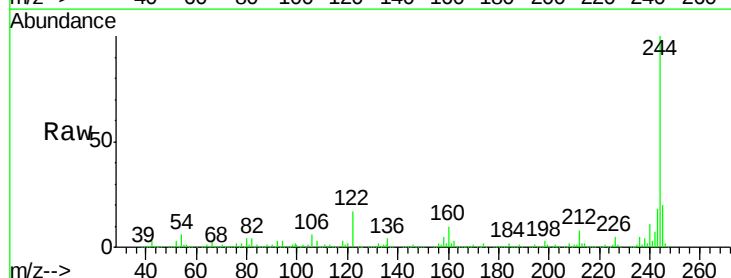
Tgt Ion:244 Resp: 852390

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

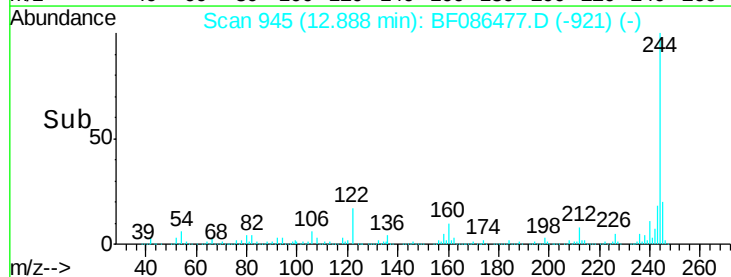
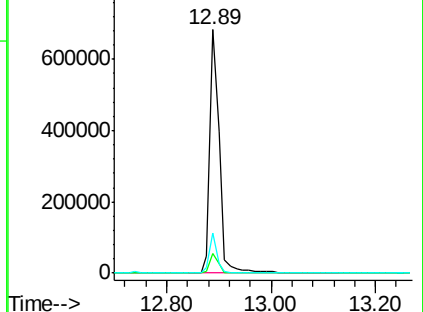
122 16.6 12.0 18.0

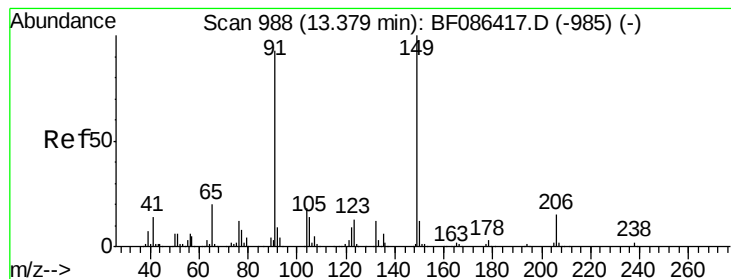


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.13 ng

RT: 13.37 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

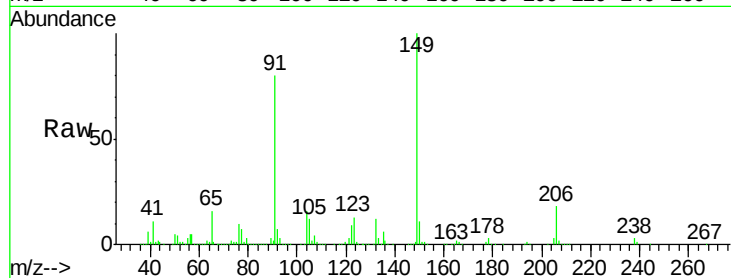
Tot Ion:149 Resp: 346135

Ion Ratio Lower Upper

149 100

91 80.1 48.0 72.0#

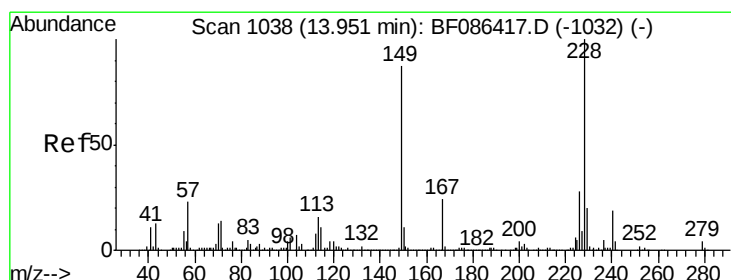
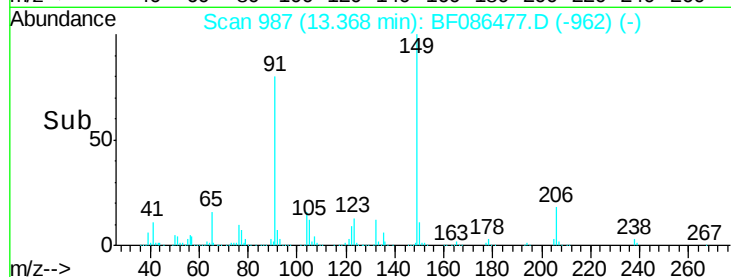
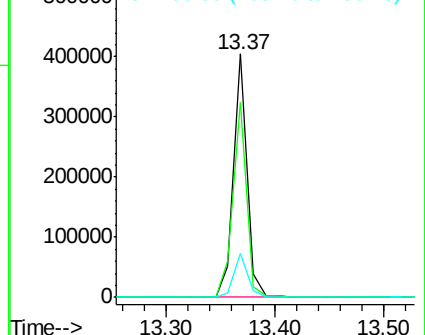
206 17.9 15.8 23.6



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: 33.71 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

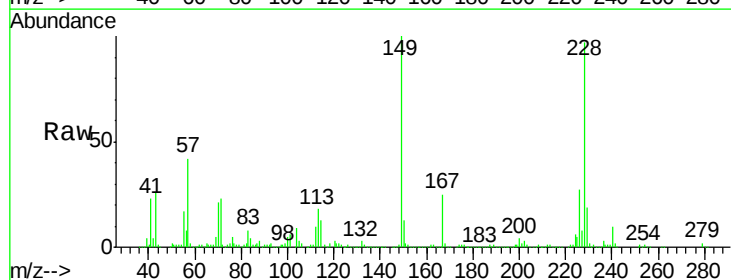
Tgt Ion:228 Resp: 536917

Ion Ratio Lower Upper

228 100

226 28.0 22.5 33.7

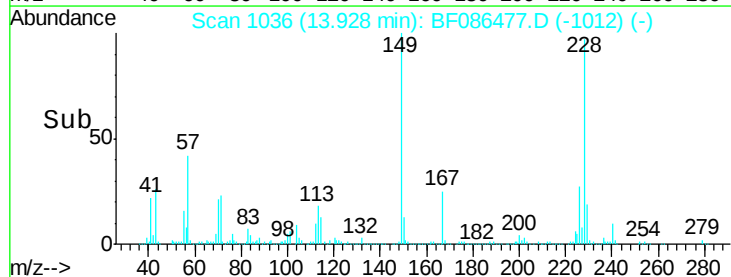
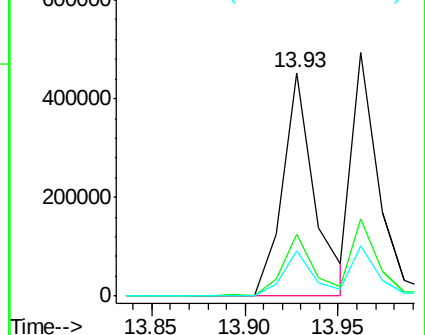
229 20.0 16.6 25.0

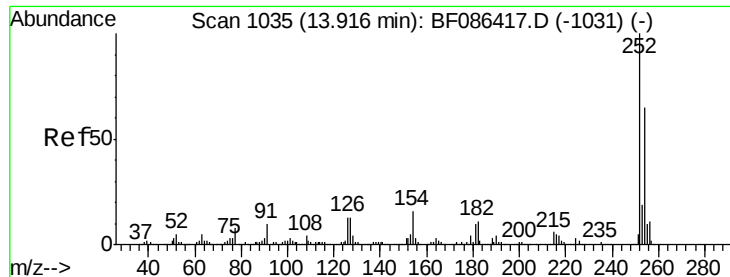


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

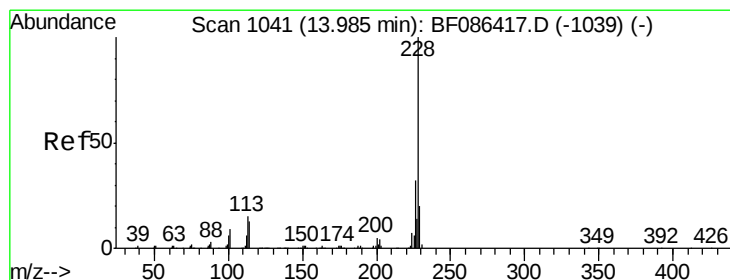
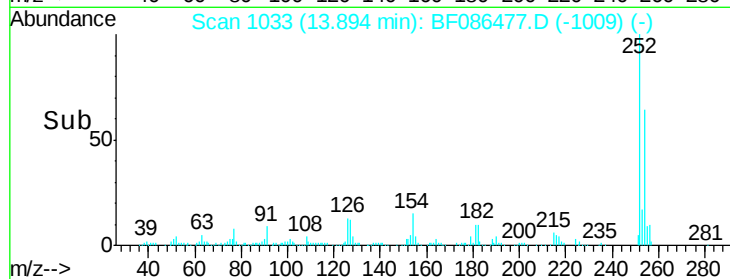
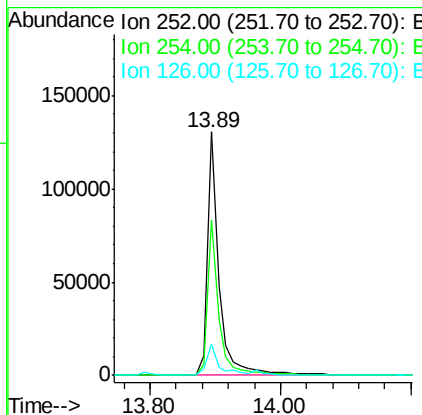
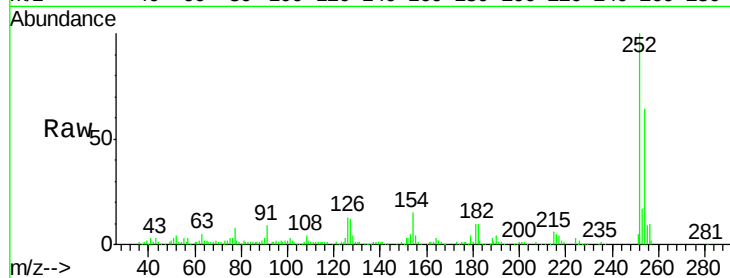




#81
 3,3'-Dichlorobenzidine
 Concen: 15.14 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

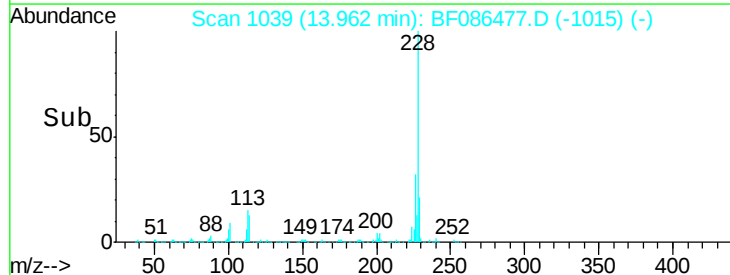
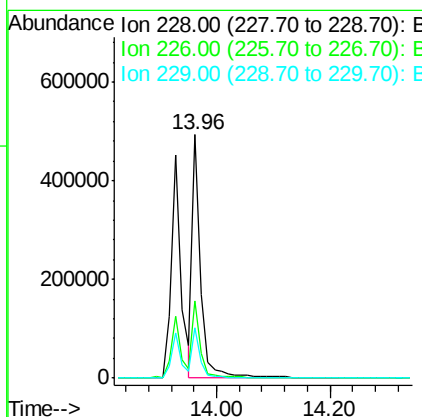
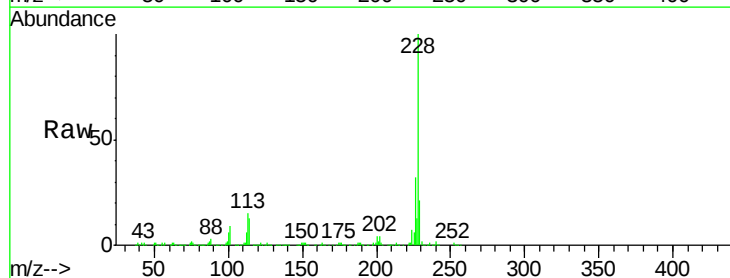
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)MS

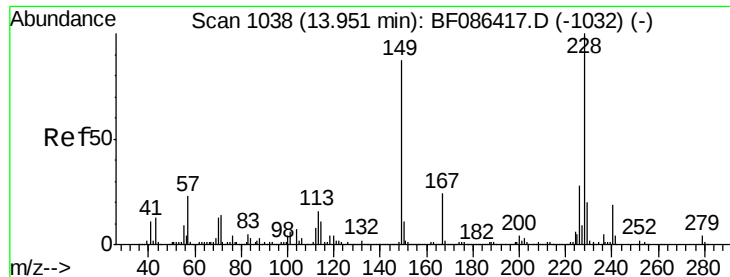
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.7	76.1
126	12.8	12.7	19.1



#82
 Chrysene
 Concen: 30.50 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.4	36.6
229	20.5	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.45 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

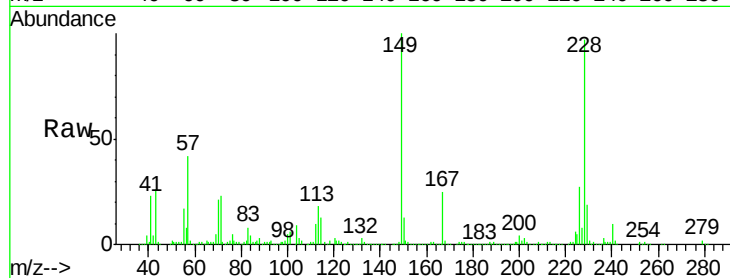
Tot Ion:149 Resp: 421751

Ion Ratio Lower Upper

149 100

167 24.8 21.8 32.6

279 2.5 2.6 4.0#

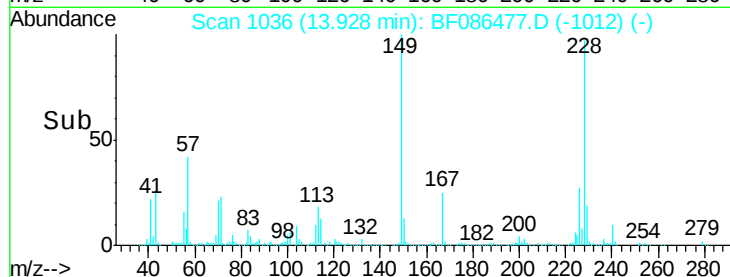


Abundance Ion 149.00 (148.70 to 149.70): E

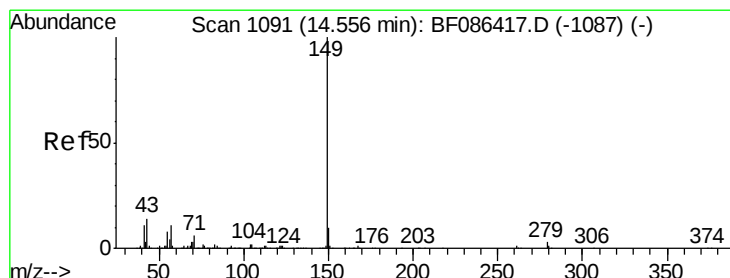
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

13.93



Time--> 13.80 13.90 14.00 14.10



#84

Di-n-octyl phthalate

Concen: 39.26 ng

RT: 14.53 min Scan# 1089

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

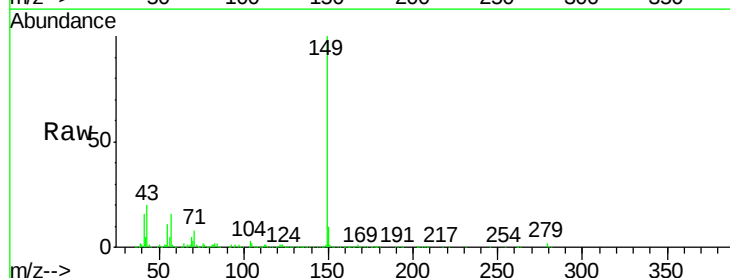
Tgt Ion:149 Resp: 711346

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8#

43 15.3 8.2 12.4#

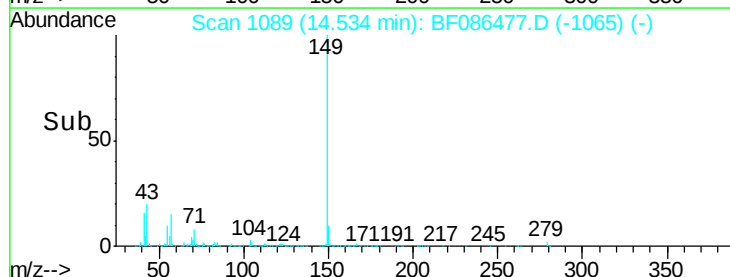


Abundance Ion 149.00 (148.70 to 149.70): E

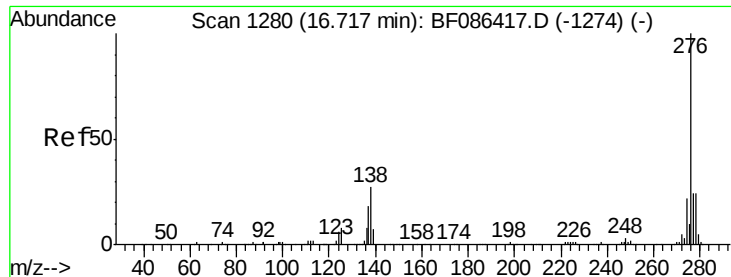
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

14.53



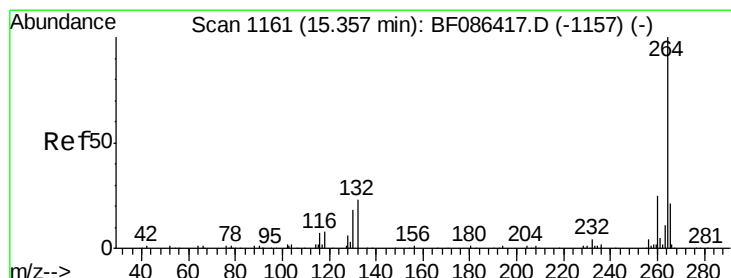
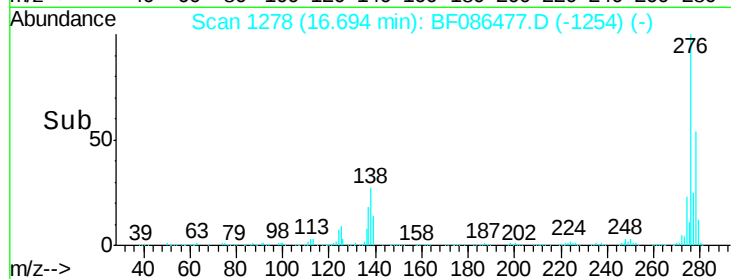
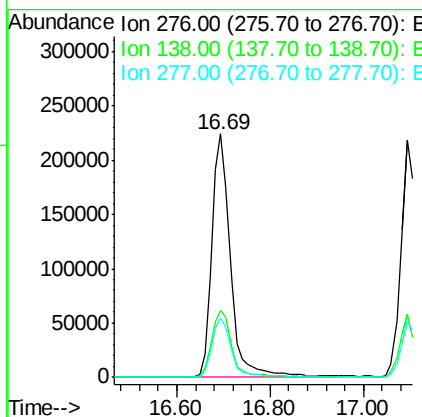
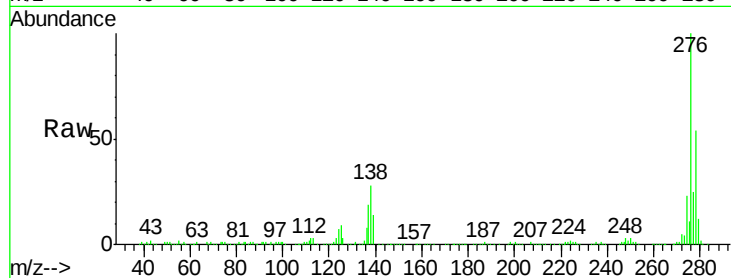
Time--> 14.50 14.60



#85
Indeno(1,2,3-cd)pyrene
Concen: 49.08 ng
RT: 16.69 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

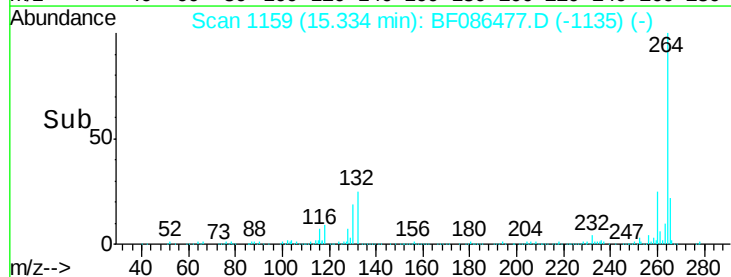
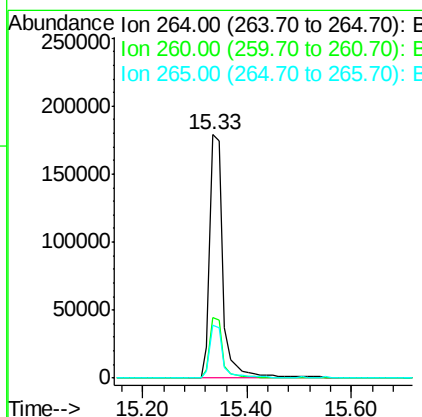
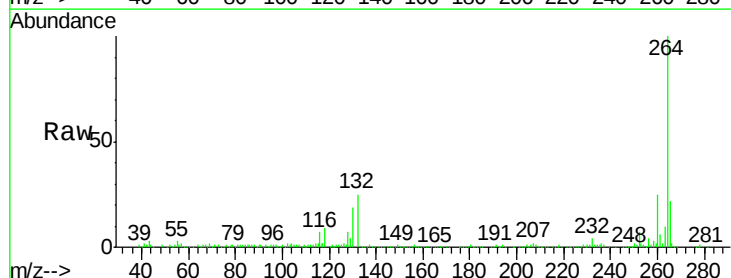
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

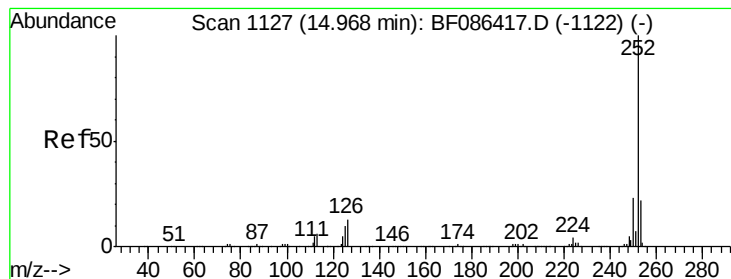
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.6	38.4
277	25.5	20.5	30.7



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	21.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 62.67 ng

RT: 14.95 min Scan# 1125

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

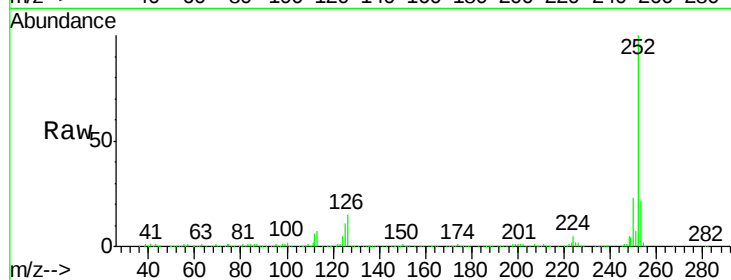
Tot Ion:252 Resp: 1177225

Ion Ratio Lower Upper

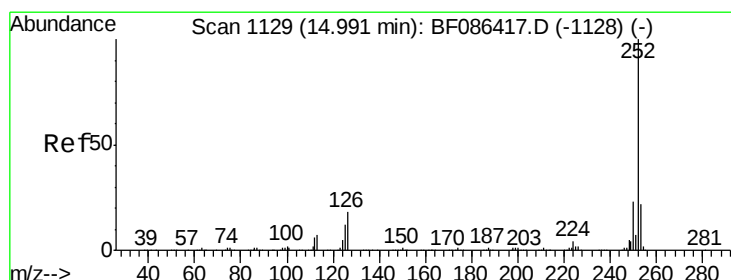
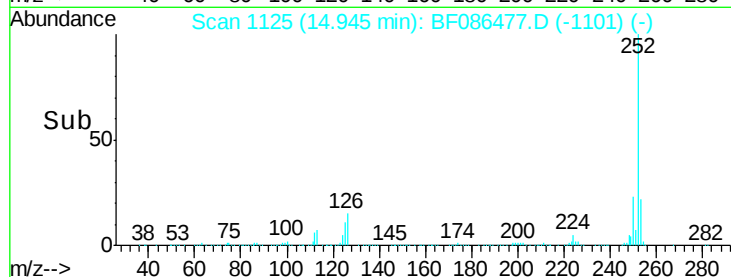
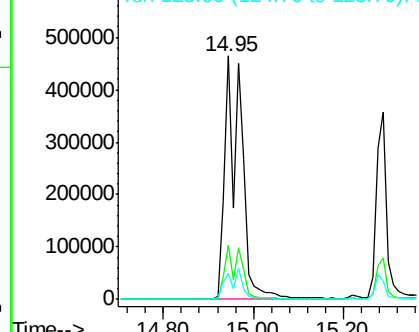
252 100

253 22.2 17.8 26.6

125 10.9 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 60.09 ng

RT: 14.95 min Scan# 1125

Delta R.T. -0.05 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

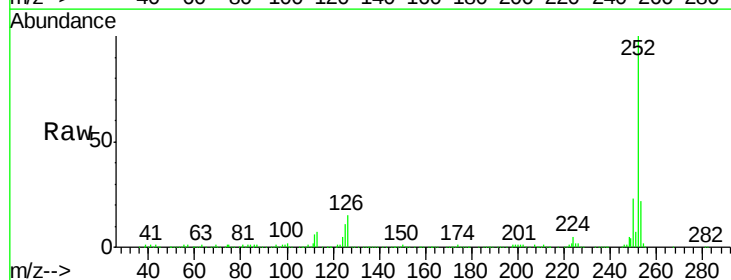
Tgt Ion:252 Resp: 1177225

Ion Ratio Lower Upper

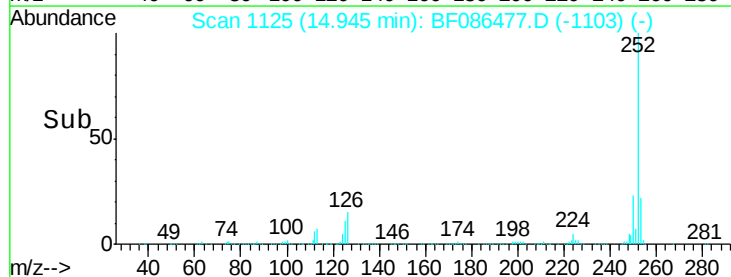
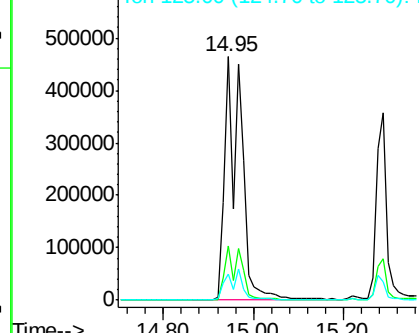
252 100

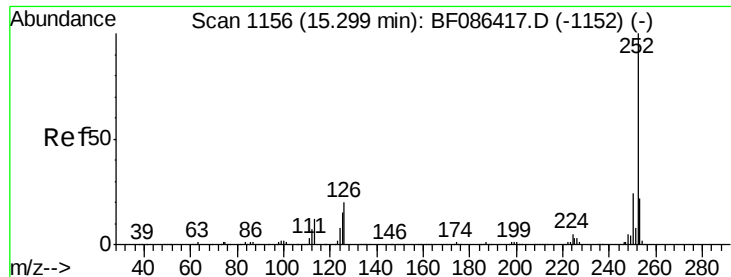
253 22.2 17.8 26.6

125 10.9 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 32.80 ng

RT: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

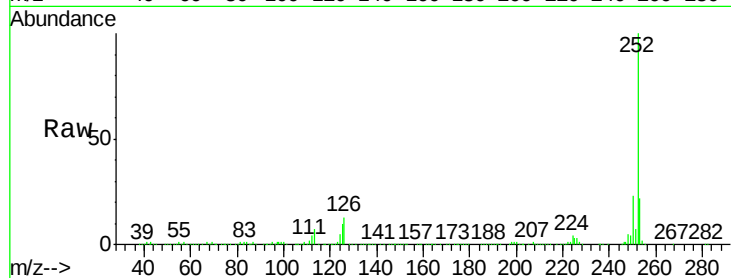
Tot Ion:252 Resp: 581631

Ion Ratio Lower Upper

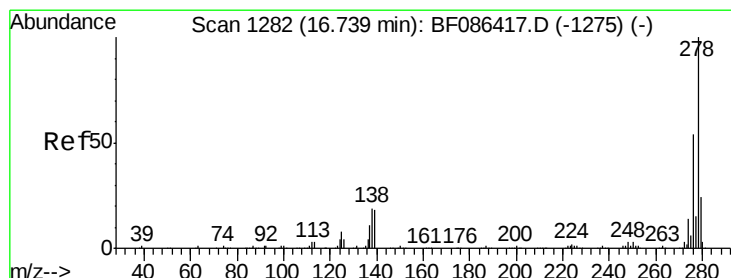
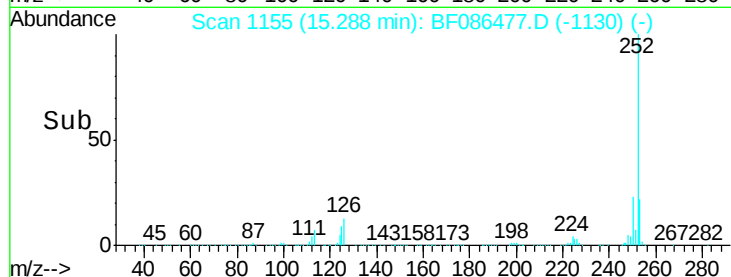
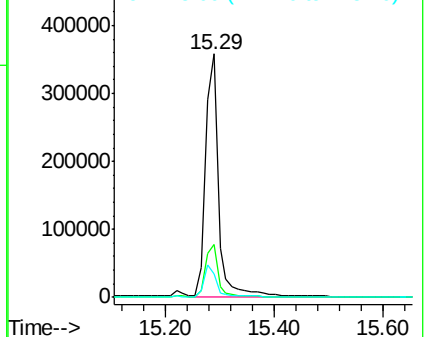
252 100

253 21.8 17.2 25.8

125 9.6 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: 36.88 ng

RT: 16.71 min Scan# 1279

Delta R.T. -0.03 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

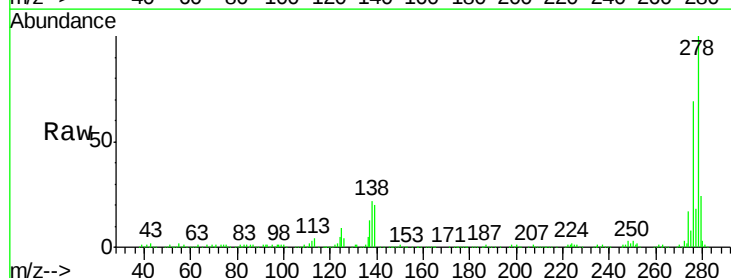
Tgt Ion:278 Resp: 535208

Ion Ratio Lower Upper

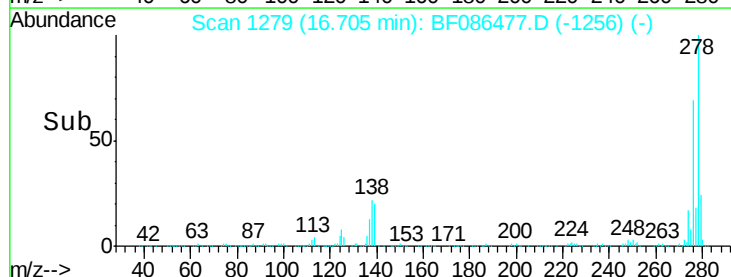
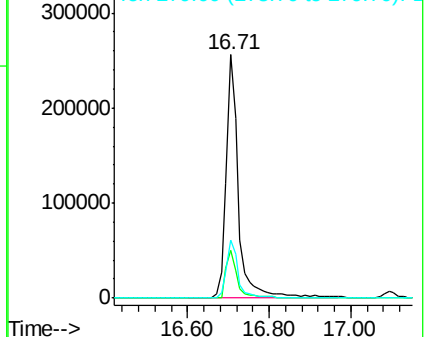
278 100

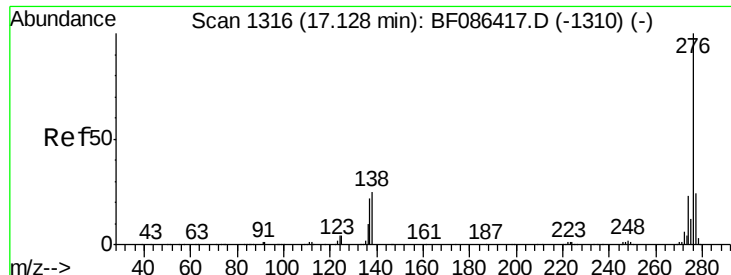
139 19.8 16.6 24.8

279 24.0 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

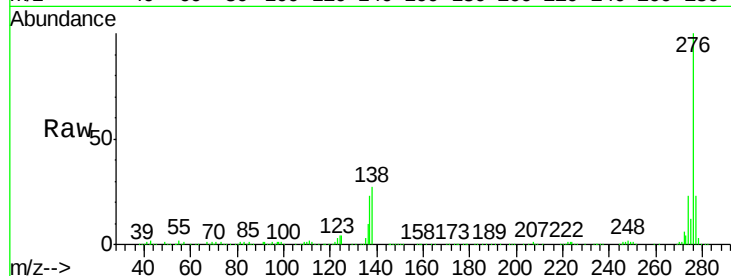




#91
 Benzo(a,h,i)perylene
 Concen: 34.37 ng
 RT: 17.09 min Scan# 1313
 Delta R.T. -0.03 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion: 276 Resp: 499837
 Ion Ratio Lower Upper
 276 100
 277 23.3 19.6 29.4
 138 26.8 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

