

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086547.D
 Acq On : 1 May 2016 3:20
 Operator : UM/SJ
 Sample : H2720-10MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS5MS

Quant Time: May 02 00:45:15 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	6.76	152	137080	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	596365	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	284411	20.00	ng	-0.05
63) Phenanthrene-d10	11.29	188	563829	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	386468	20.00	ng	-0.05
86) Perylene-d12	15.31	264	325455	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1113387	140.10	ng	-0.02
7) Phenol-d6	6.41	99	1435035	129.38	ng	-0.03
23) Nitrobenzene-d5	7.33	82	903696	81.68	ng	-0.05
41) 2,4,6-Tribromophenol	10.60	330	379458	126.52	ng	-0.03
44) 2-Fluorobiphenyl	9.13	172	1321922	80.38	ng	-0.05
78) Terphenyl-d14	12.87	244	1293754	73.75	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.35	88	148507	35.57	ng	# 73
3) Pyridine	3.04	79	430131	43.53	ng	# 70
4) n-Nitrosodimethylamine	2.99	42	274024	48.66	ng	# 59
6) Aniline	6.43	93	248352	18.50	ng	# 61
8) 2-Chlorophenol	6.56	128	429478	43.39	ng	96
9) Benzaldehyde	6.30	77	58419	9.05	ng	94
10) Phenol	6.42	94	468111	37.83	ng	# 70
11) bis(2-Chloroethyl)ether	6.51	93	463532	43.33	ng	94
12) 1,3-Dichlorobenzene	6.78	146	437898	41.13	ng	97
13) 1,4-Dichlorobenzene	6.78	146	447722	40.76	ng	97
14) 1,2-Dichlorobenzene	6.93	146	384189	38.14	ng	96
15) Benzyl Alcohol	6.91	79	349696	49.84	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.05	45	874112	40.82	ng	91
17) 2-Methylphenol	7.04	107	371451	46.43	ng	94
18) Hexachloroethane	7.28	117	153547	37.40	ng	99
19) n-Nitroso-di-n-propylamine	7.18	70	327156	44.62	ng	# 69
20) 3+4-Methylphenols	7.18	107	413854	45.31	ng	92
22) Acetophenone	7.18	105	595746	45.56	ng	# 90
24) Nitrobenzene	7.36	77	512632	45.04	ng	95
25) Isophorone	7.60	82	896532	42.10	ng	98
26) 2-Nitrophenol	7.68	139	230521	43.99	ng	94
27) 2,4-Dimethylphenol	7.72	122	396877	43.16	ng	97
28) bis(2-Chloroethoxy)methane	7.81	93	556105	47.94	ng	99
29) 2,4-Dichlorophenol	7.92	162	369215	47.59	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	360418	40.05	ng	98
31) Naphthalene	8.08	128	1255529	41.37	ng	99
32) Benzoic acid	7.82	122	85841	21.38	ng	95
33) 4-Chloroaniline	8.13	127	110210	9.70	ng	98
34) Hexachlorobutadiene	8.19	225	182566	36.19	ng	97
35) Caprolactam	8.50	113	74969	28.97	ng	# 63
36) 4-Chloro-3-methylphenol	8.62	107	428108	48.20	ng	100
37) 2-Methylnaphthalene	8.76	142	766242	42.79	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	318794	39.16	ng	97
40) Hexachlorocyclopentadiene	8.92	237	298123	73.69	ng	96

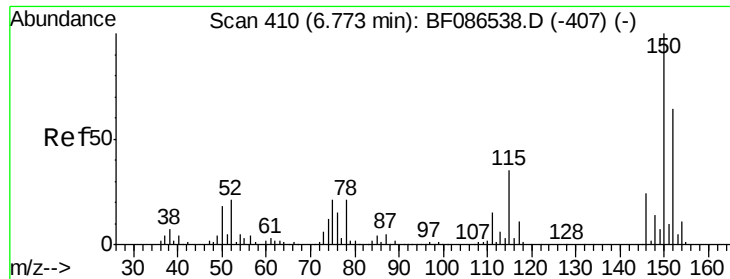
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	236509	45.96	ng	93
43) 2,4,5-Trichlorophenol	9.09	196	252244	44.97	ng #	92
45) 1,1'-Biphenyl	9.23	154	934202	39.30	ng	97
46) 2-Chloronaphthalene	9.25	162	702386	38.86	ng	94
47) 2-Nitroaniline	9.36	65	305107	52.64	ng	93
48) Acenaphthylene	9.66	152	1084226	38.37	ng	99
49) Dimethylphthalate	9.54	163	1090719	50.94	ng	100
50) 2,6-Dinitrotoluene	9.60	165	193431	43.73	ng #	86
51) Acenaphthene	9.84	154	760515	41.91	ng	99
52) 3-Nitroaniline	9.77	138	100723	20.02	ng	99
53) 2,4-Dinitrophenol	9.87	184	155869	65.97	ng #	80
54) Dibenzofuran	10.01	168	987104	43.52	ng	94
55) 4-Nitrophenol	9.94	139	322909	98.03	ng #	77
56) 2,4-Dinitrotoluene	10.00	165	259020	45.94	ng #	85
57) Fluorene	10.35	166	711292	36.12	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	222134	50.66	ng	98
59) Diethylphthalate	10.24	149	866937	42.77	ng	97
60) 4-Chlorophenyl-phenylether	10.35	204	365265	40.85	ng #	83
61) 4-Nitroaniline	10.38	138	224867	45.73	ng	88
62) Azobenzene	10.51	77	1022483	46.06	ng	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	145929	44.09	ng #	77
65) n-Nitrosodiphenylamine	10.46	169	682236	38.72	ng	100
66) 4-Bromophenyl-phenylether	10.84	248	225201	38.76	ng #	76
67) Hexachlorobenzene	10.90	284	250842	37.30	ng #	82
68) Atrazine	11.00	200	262261	49.56	ng	96
69) Pentachlorophenol	11.09	266	272086	76.74	ng	97
70) Phenanthrene	11.31	178	1126842	38.08	ng	99
71) Anthracene	11.36	178	1227454	38.87	ng	100
72) Carbazole	11.52	167	1144855	40.91	ng	99
73) Di-n-butylphthalate	11.86	149	1289303	40.66	ng	99
74) Fluoranthene	12.49	202	1143781	38.29	ng	99
76) Benzidine	12.61	184	202393	15.24	ng	97
77) Pyrene	12.72	202	1089346	39.12	ng	99
79) Butylbenzylphthalate	13.35	149	501212	41.56	ng #	80
80) Benzo(a)anthracene	13.91	228	868041	42.13	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	133726	9.71	ng #	97
82) Chrysene	13.94	228	789341	35.24	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	556679	37.18	ng #	97
84) Di-n-octyl phthalate	14.51	149	894839	38.17	ng #	88
85) Indeno(1,2,3-cd)pyrene	16.65	276	822685	49.57	ng	97
87) Benzo(b)fluoranthene	14.95	252	1532781	80.06	ng #	96
88) Benzo(k)fluoranthene	14.95	252	1532781	76.75	ng	98
89) Benzo(a)pyrene	15.25	252	728228	40.29	ng	99
90) Dibenzo(a,h)anthracene	16.66	278	698449	47.22	ng	98
91) Benzo(g,h,i)perylene	17.05	276	693064	46.75	ng #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

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BNA_F

ClientSampleId :

SS5MS

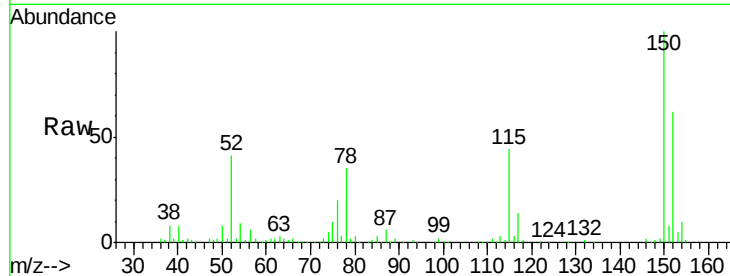
Tgt Ion:152 Resp: 137080

Ion Ratio Lower Upper

152 100

150 161.3 125.8 188.6

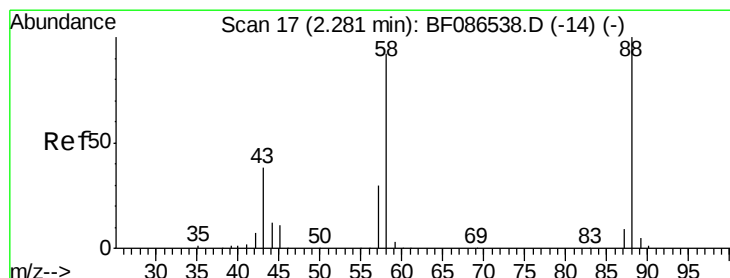
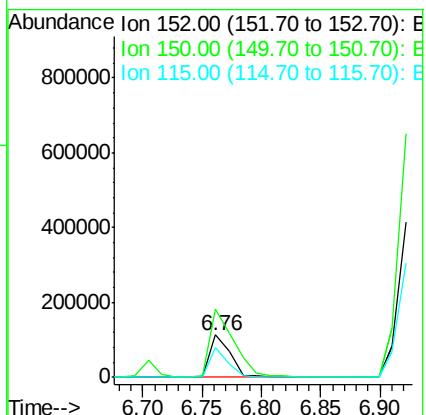
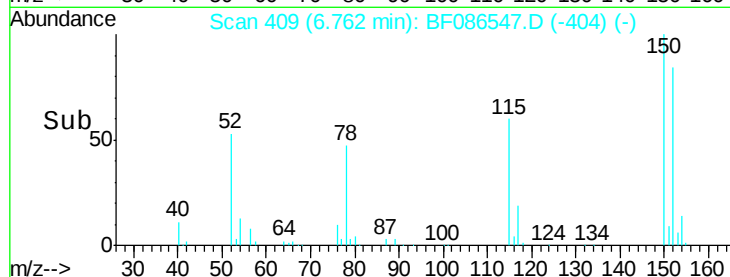
115 71.6 51.5 77.3



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: 35.57 ng

RT: 2.35 min Scan# 23

Delta R.T. -0.01 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

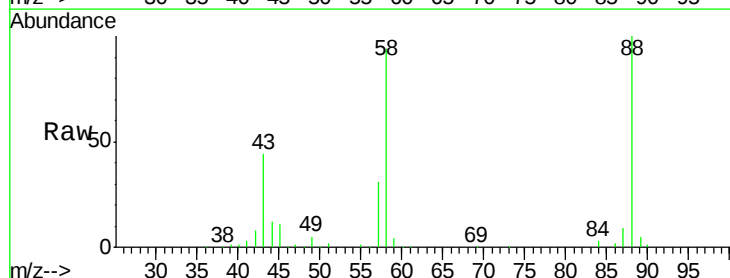
Tgt Ion: 88 Resp: 148507

Ion Ratio Lower Upper

88 100

58 97.3 59.6 89.4#

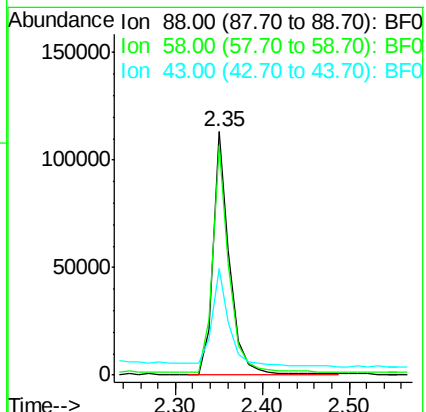
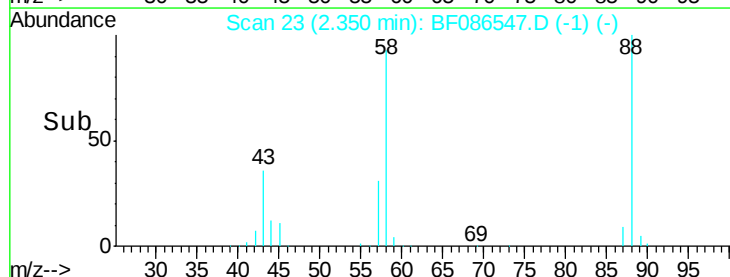
43 41.2 21.8 32.6#

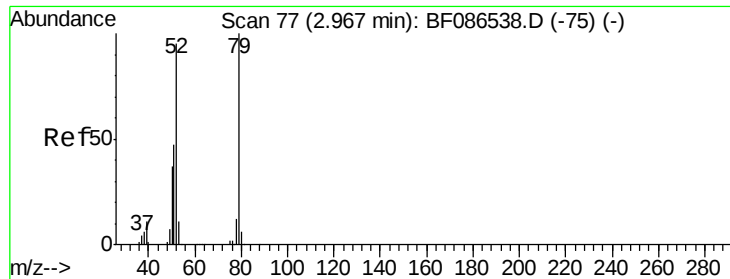


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 43.53 ng

RT: 3.04 min Scan# 83

Delta R.T. -0.02 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

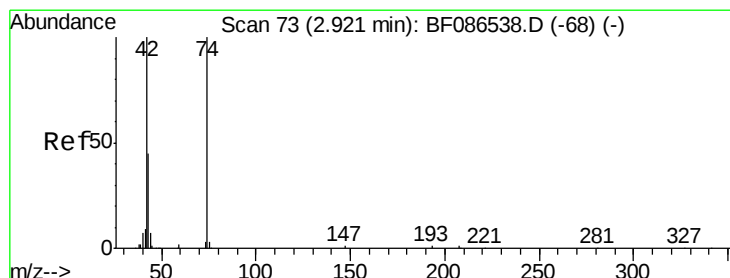
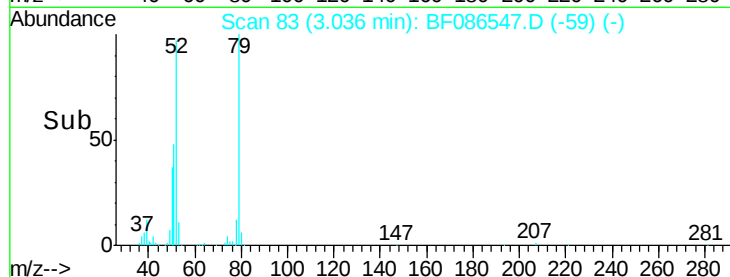
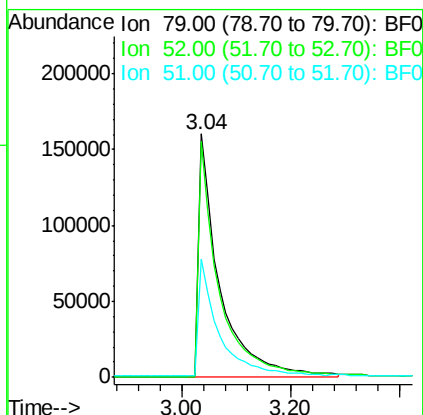
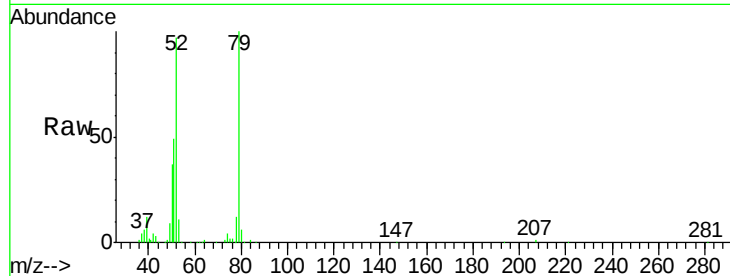
Tgt Ion: 79 Resp: 430131

Ion Ratio Lower Upper

79 100

52 96.8 55.9 83.9#

51 48.7 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 48.66 ng

RT: 2.99 min Scan# 79

Delta R.T. -0.02 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

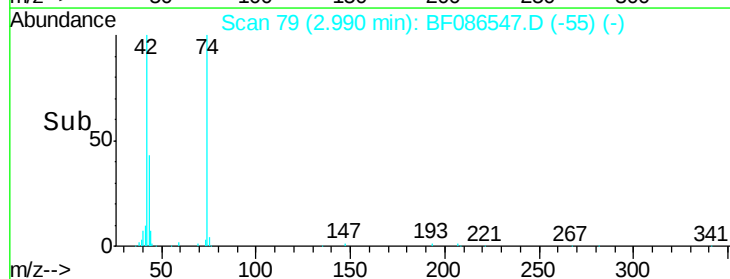
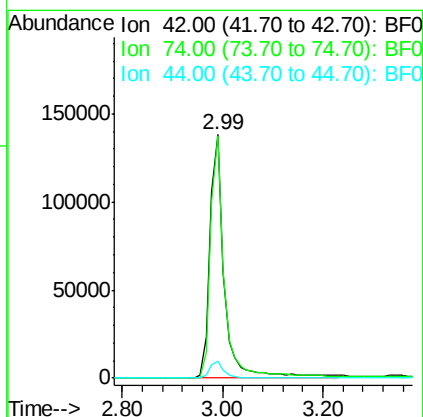
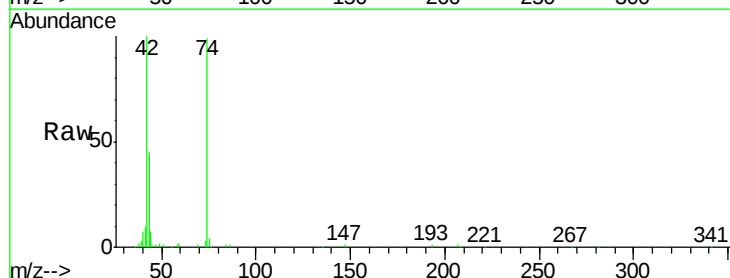
Tgt Ion: 42 Resp: 274024

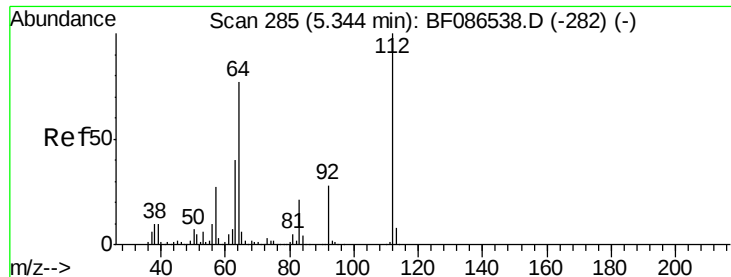
Ion Ratio Lower Upper

42 100

74 99.5 123.4 185.0#

44 6.9 5.8 8.6





#5

2-Fluorophenol

Concen: 140.10 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

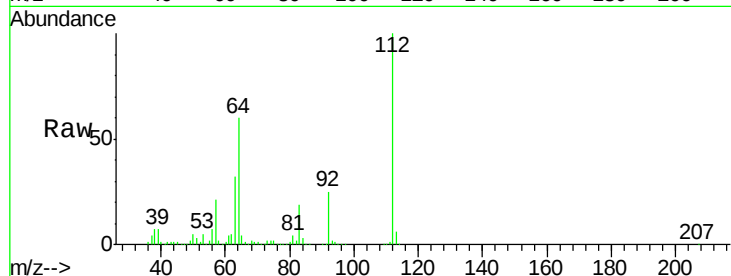
Tgt Ion:112 Resp: 1113387

Ion Ratio Lower Upper

112 100

64 59.7 52.1 78.1

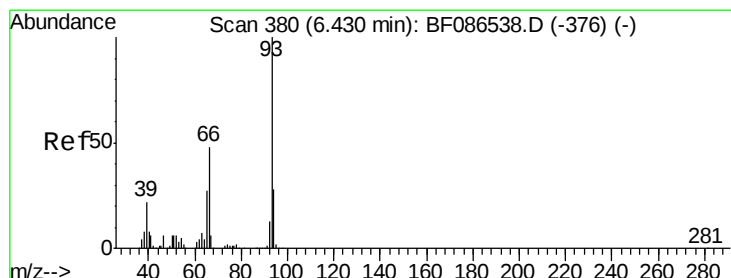
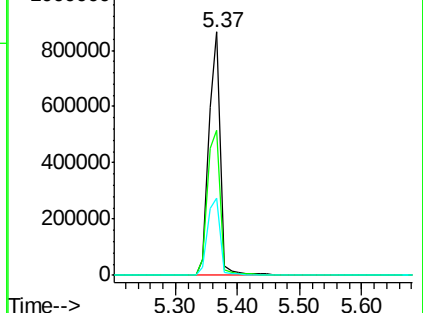
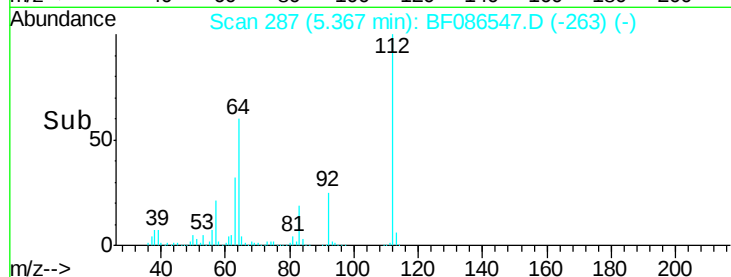
63 31.9 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.50 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

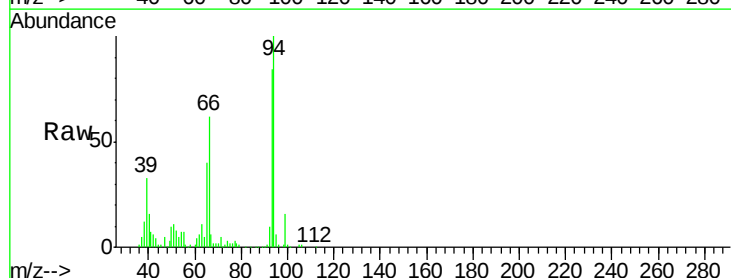
Tgt Ion: 93 Resp: 248352

Ion Ratio Lower Upper

93 100

66 74.2 39.0 58.6#

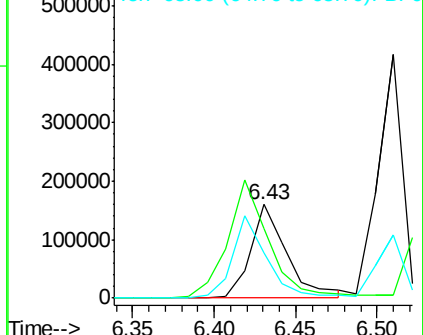
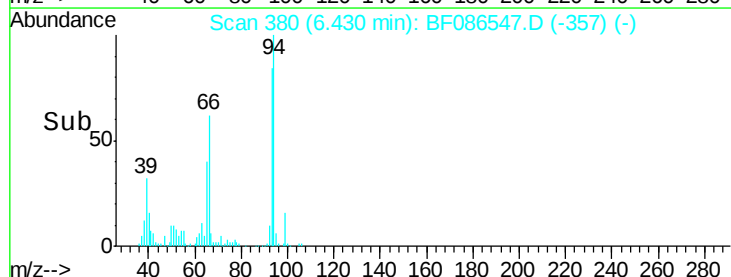
65 47.8 20.6 31.0#

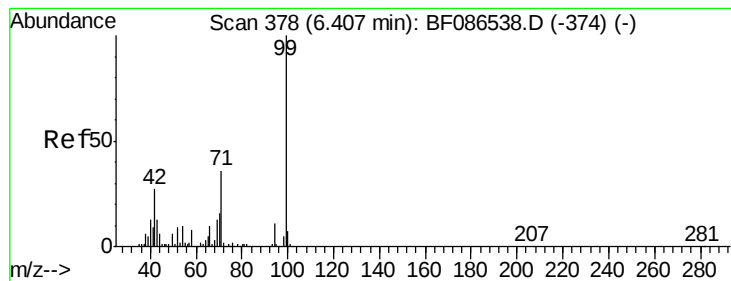


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.38 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

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ClientSampleId :

SS5MS

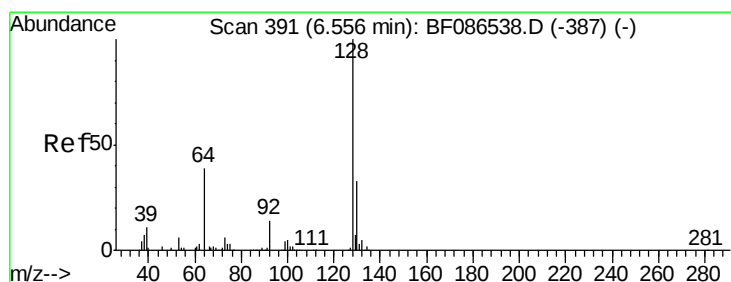
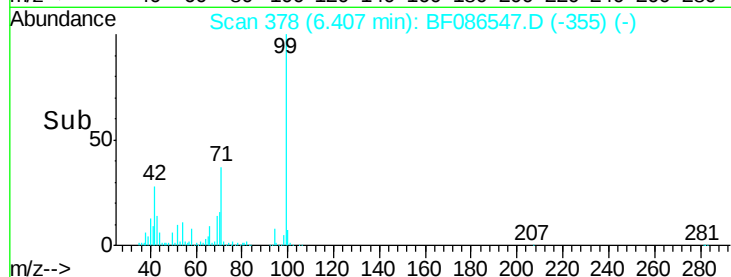
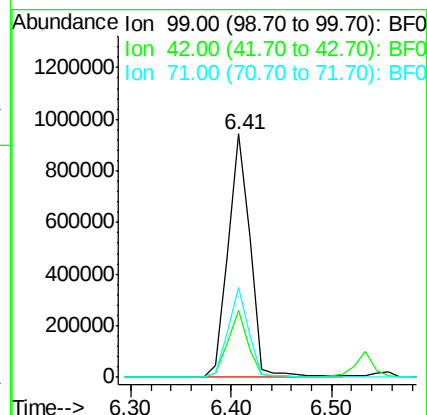
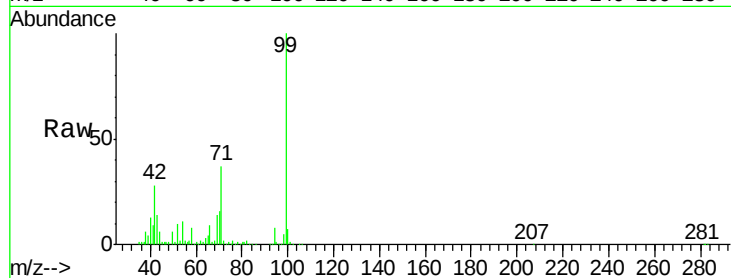
Tgt Ion: 99 Resp: 1435035

Ion Ratio Lower Upper

99 100

42 27.6 13.6 20.4#

71 36.9 24.6 36.8#



#8

2-Chlorophenol

Concen: 43.39 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

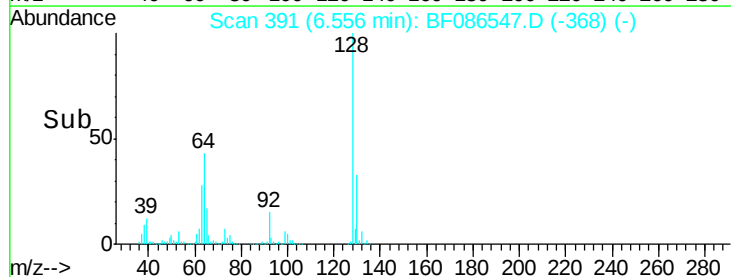
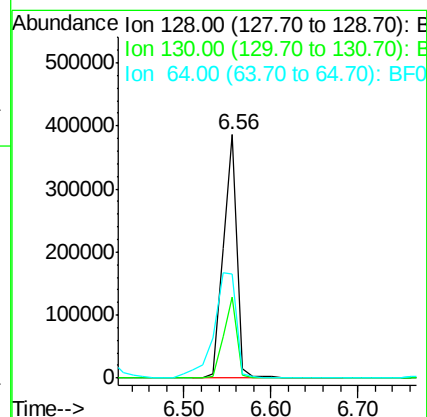
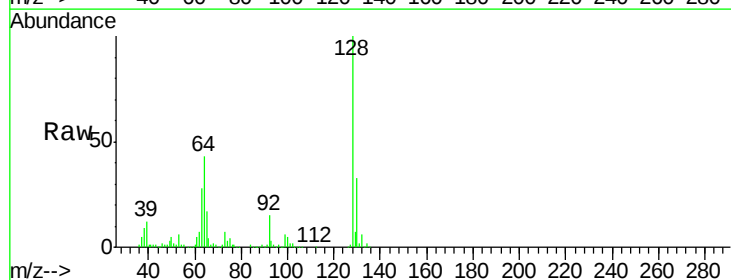
Tgt Ion: 128 Resp: 429478

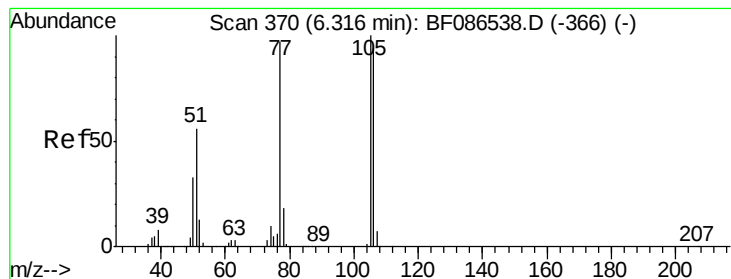
Ion Ratio Lower Upper

128 100

130 33.2 12.5 52.5

64 42.9 27.3 67.3





#9

Benzaldehyde

Concen: 9.05 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

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ClientSampleId :

SS5MS

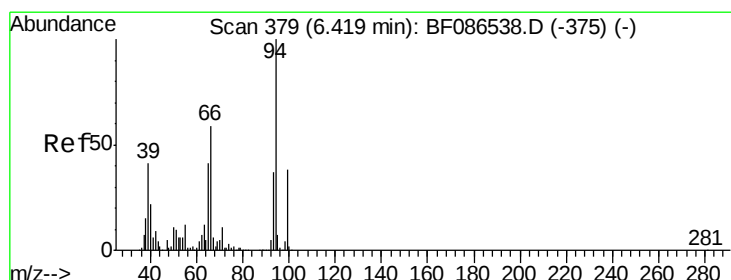
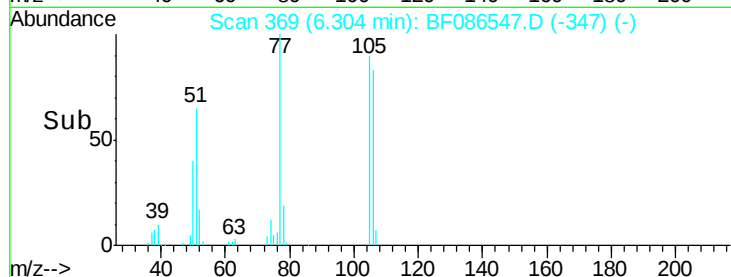
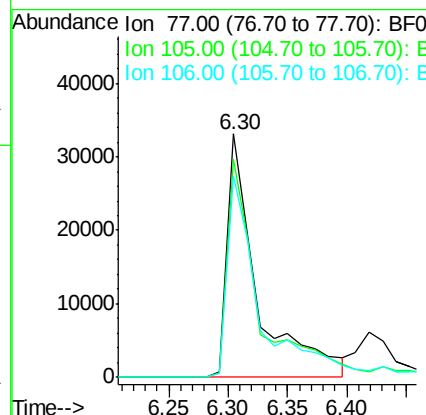
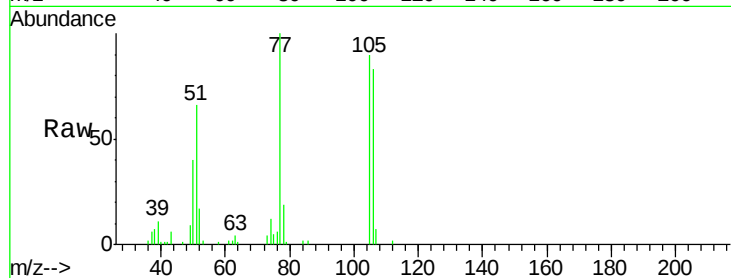
Tgt Ion: 77 Resp: 58419

Ion Ratio Lower Upper

77 100

105 89.5 72.7 112.7

106 82.5 70.8 110.8



#10

Phenol

Concen: 37.83 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

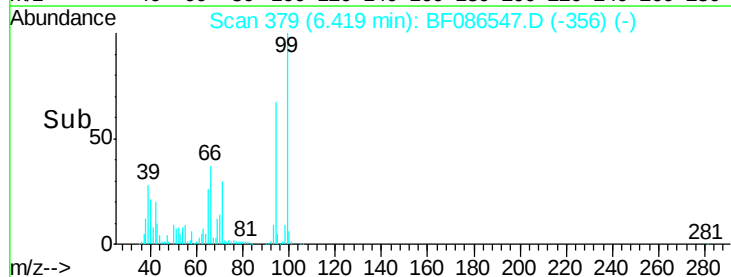
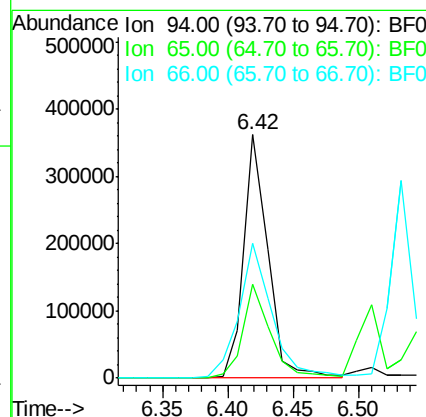
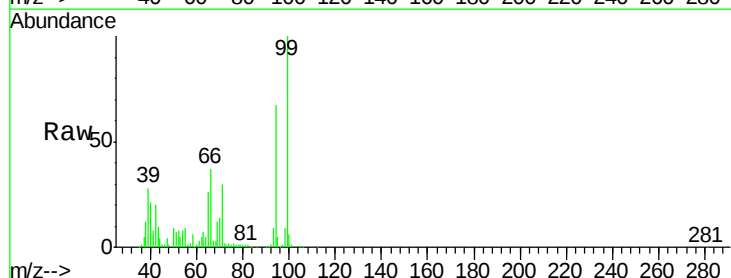
Tgt Ion: 94 Resp: 468111

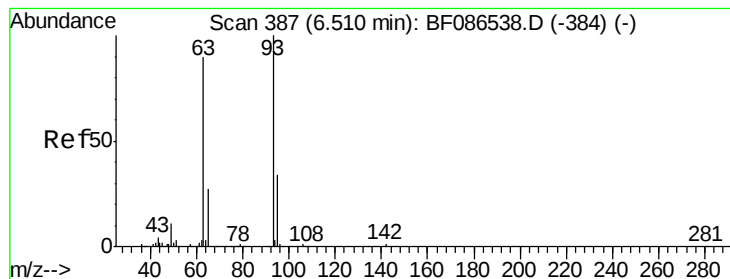
Ion Ratio Lower Upper

94 100

65 38.7 7.2 47.2

66 55.6 14.9 54.9#





#11

bis(2-Chloroethyl)ether

Concen: 43.33 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

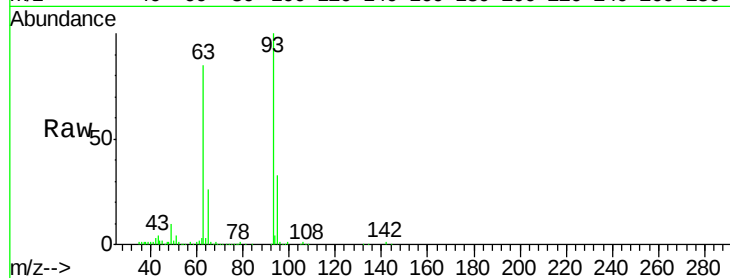
Tgt Ion: 93 Resp: 463532

Ion Ratio Lower Upper

93 100

63 85.3 58.0 98.0

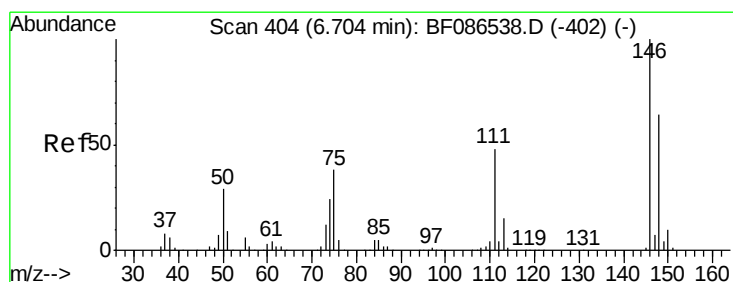
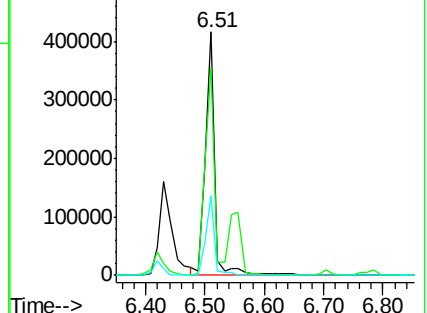
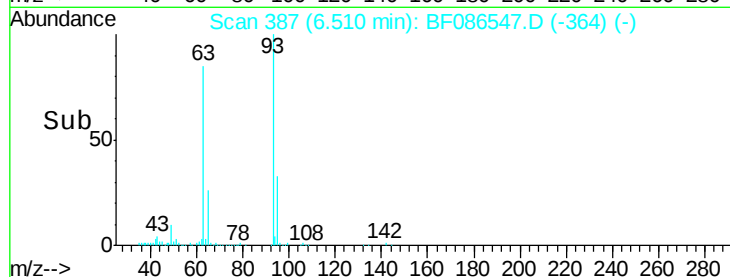
95 32.9 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.13 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

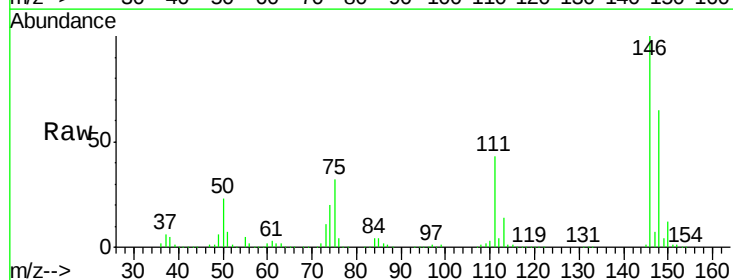
Tgt Ion: 146 Resp: 437898

Ion Ratio Lower Upper

146 100

148 64.7 52.4 78.6

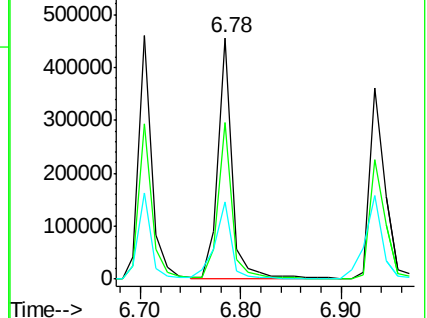
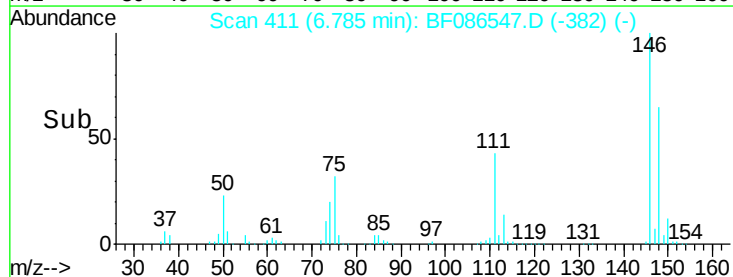
75 32.1 22.8 34.2

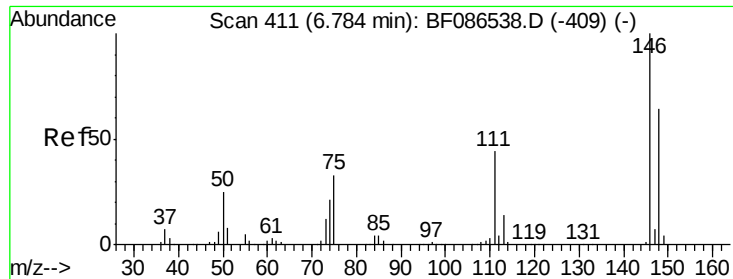


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

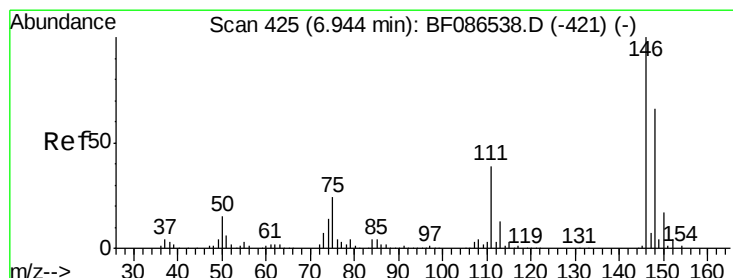
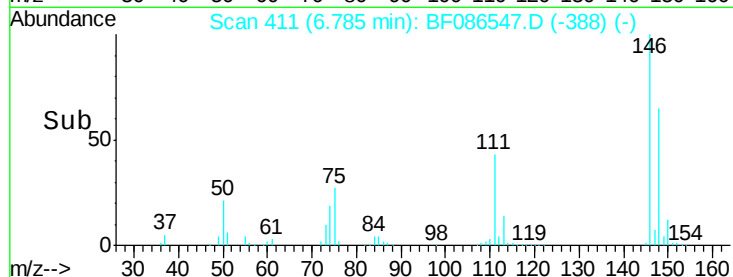
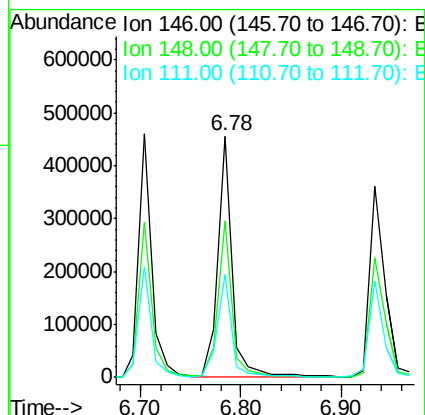
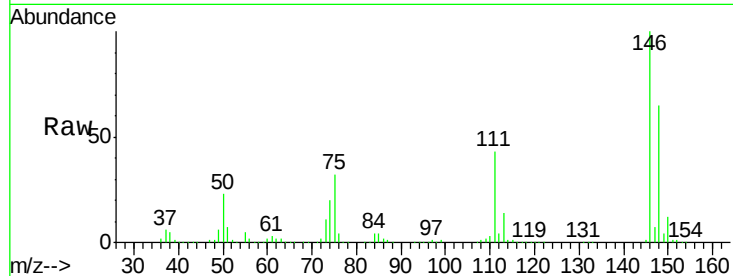




#13
 1,4-Dichlorobenzene
 Concen: 40.76 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.03 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

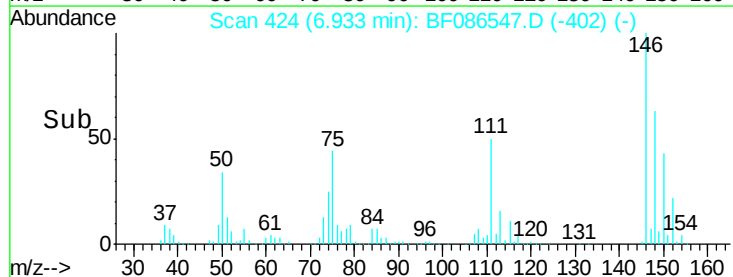
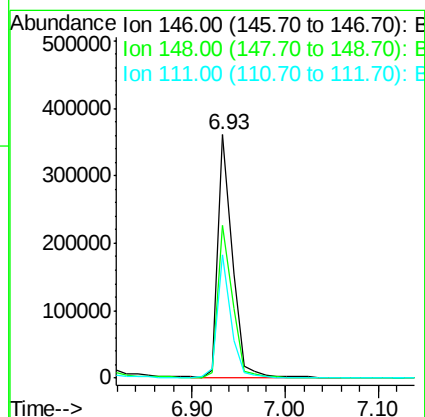
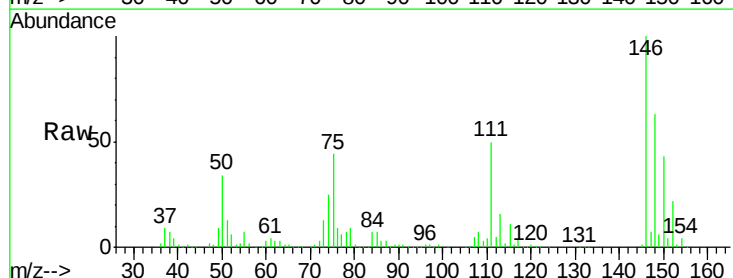
Instrument :
 BNA_F
 ClientSampleId :
 SS5MS

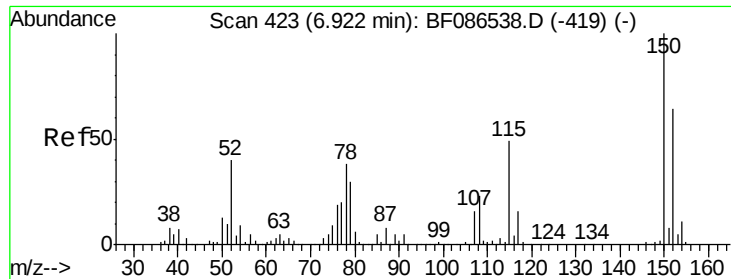
Tgt Ion:146 Resp: 447722
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.4
 111 42.5 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 38.14 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Tgt Ion:146 Resp: 384189
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.0 76.6
 111 50.4 36.2 54.4





#15

Benzyl Alcohol

Concen: 49.84 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

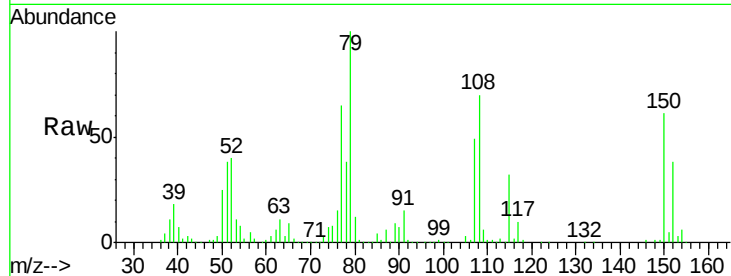
Tgt Ion: 79 Resp: 349696

Ion Ratio Lower Upper

79 100

108 70.2 68.4 102.6

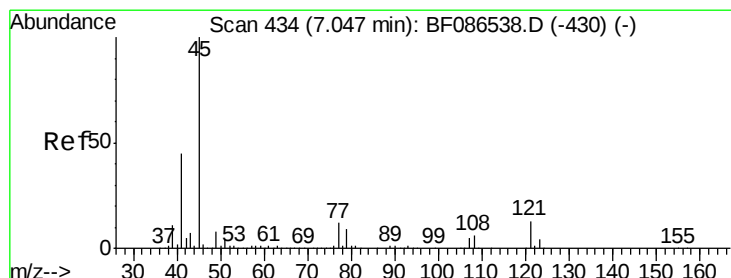
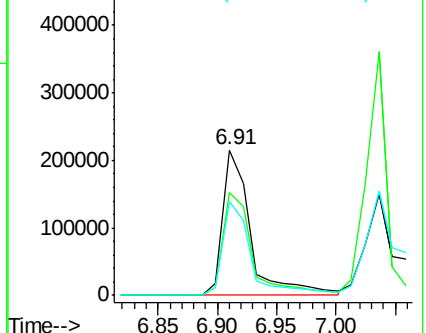
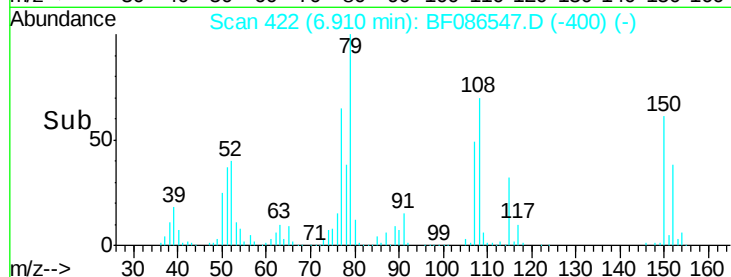
77 64.7 50.6 76.0



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: 40.82 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

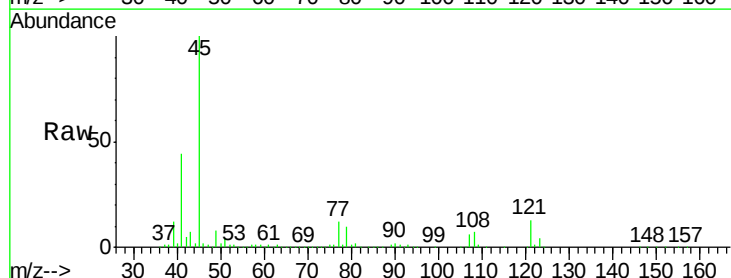
Tgt Ion: 45 Resp: 874112

Ion Ratio Lower Upper

45 100

77 12.4 0.0 36.4

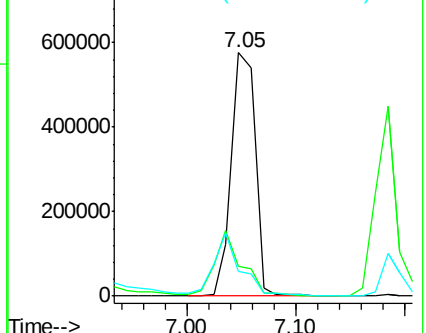
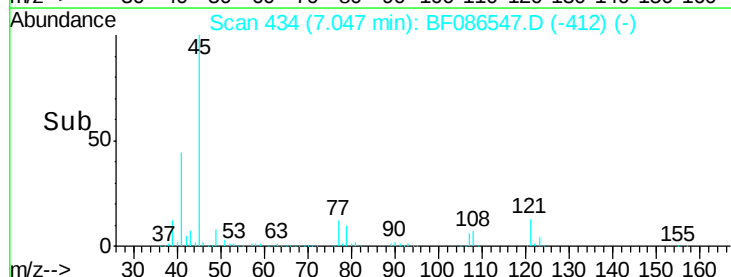
79 10.0 0.0 33.4

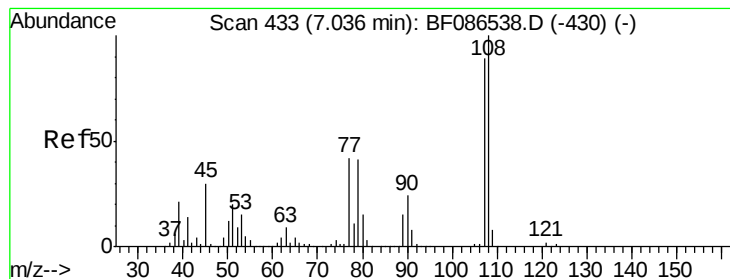


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 46.43 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

Tgt Ion:107 Resp: 371451

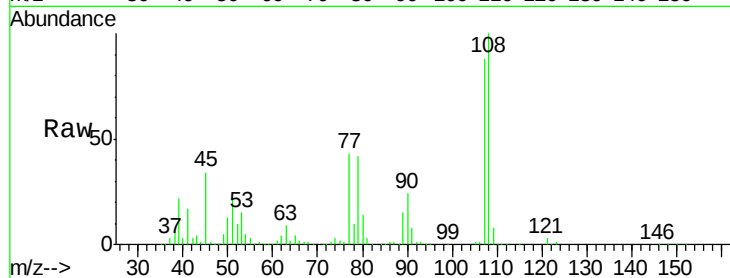
Ion Ratio Lower Upper

107 100

108 113.9 93.7 140.5

77 48.8 33.4 50.0

79 47.5 34.3 51.5

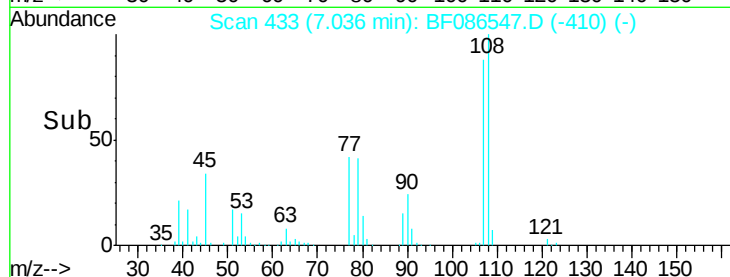


Abundance Ion 107.00 (106.70 to 107.70): E

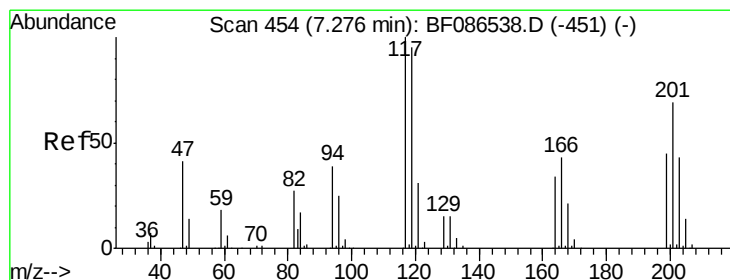
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 37.40 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

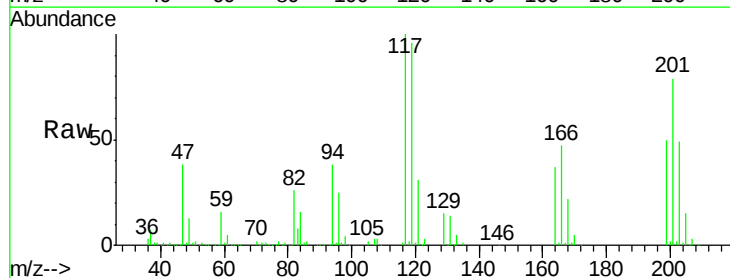
Tgt Ion:117 Resp: 153547

Ion Ratio Lower Upper

117 100

119 96.2 76.5 114.7

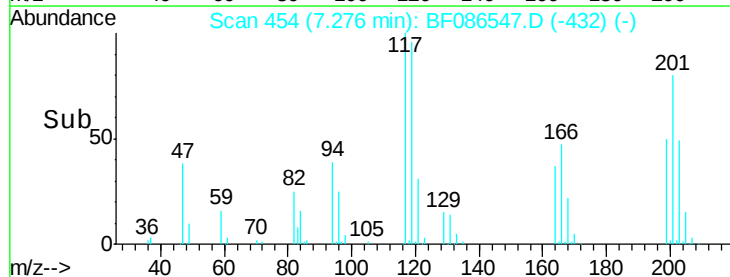
201 79.4 63.0 94.6



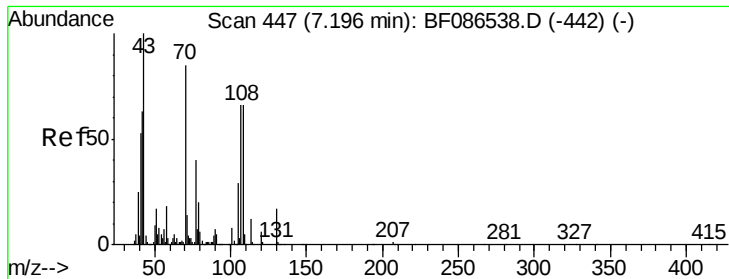
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



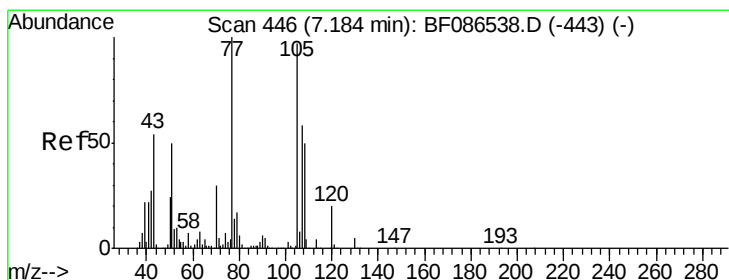
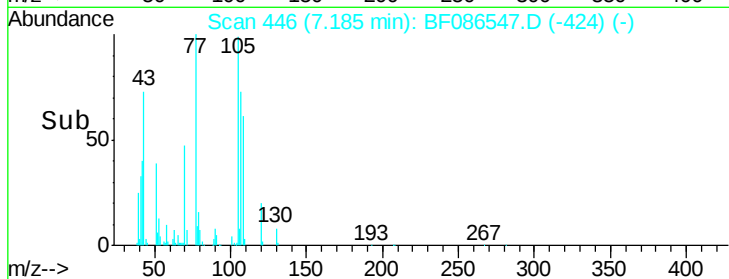
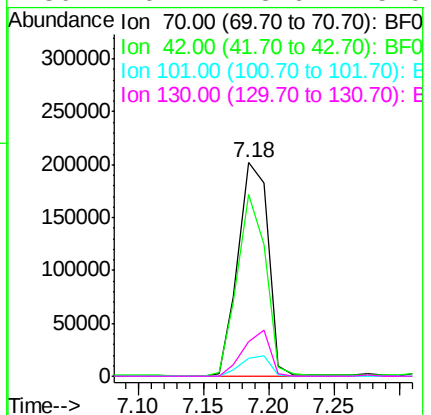
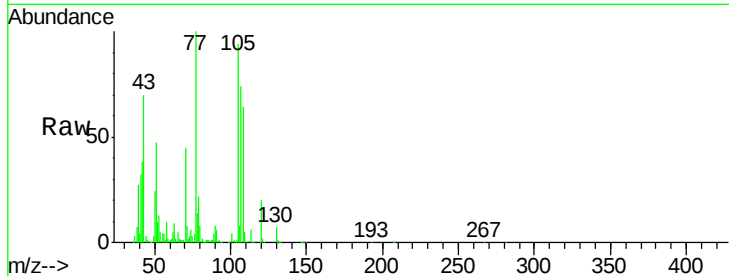
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 44.62 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

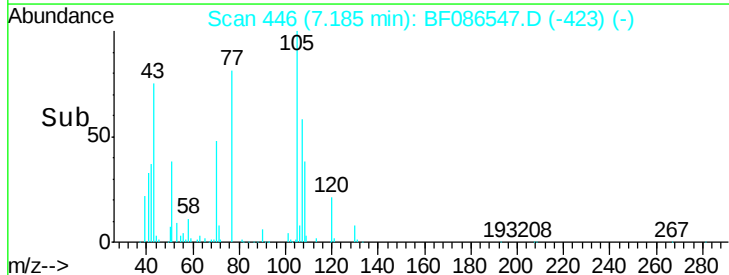
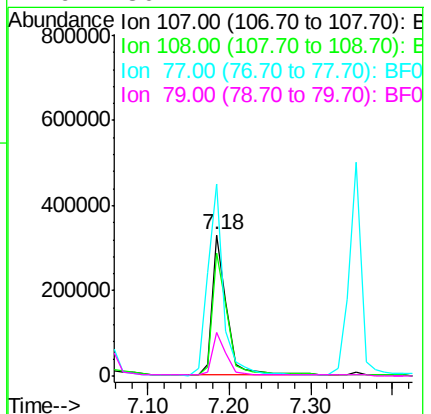
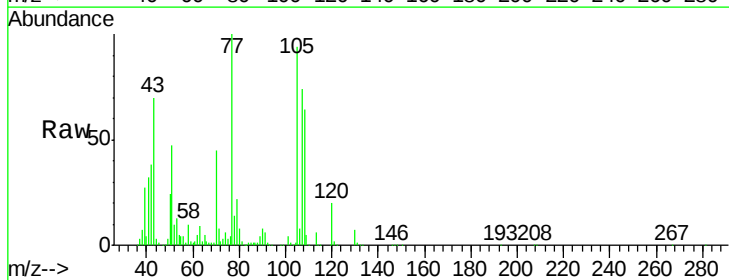
Instrument :
BNA_F
ClientSampleId :
SS5MS

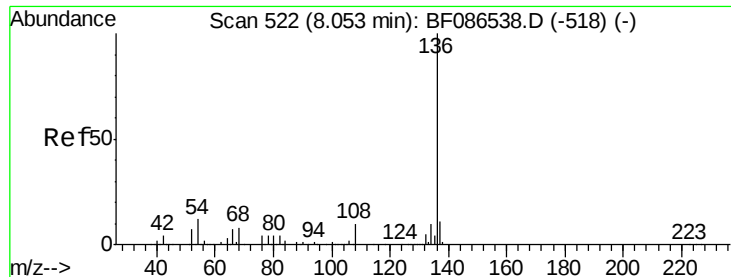
Tgt Ion: 70 Resp: 327156
Ion Ratio Lower Upper
70 100
42 85.0 43.1 64.7#
101 8.7 8.1 12.1
130 16.2 18.6 28.0#



#20
3+4-Methylphenols
Concen: 45.31 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion: 107 Resp: 413854
Ion Ratio Lower Upper
107 100
108 87.1 68.5 108.5
77 135.7 101.6 141.6
79 30.4 7.4 47.4

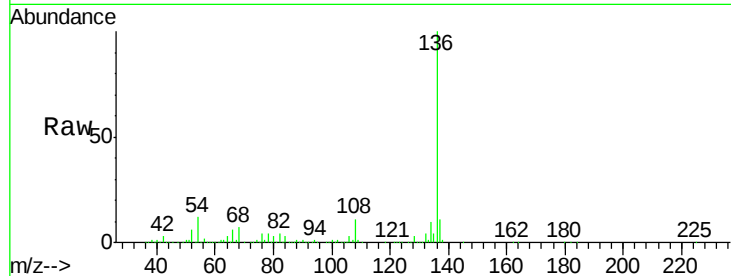




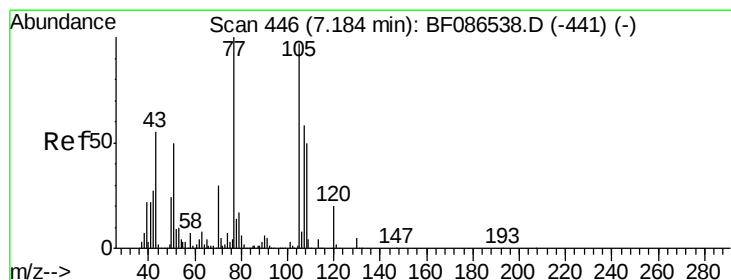
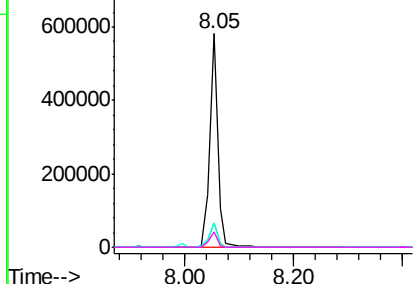
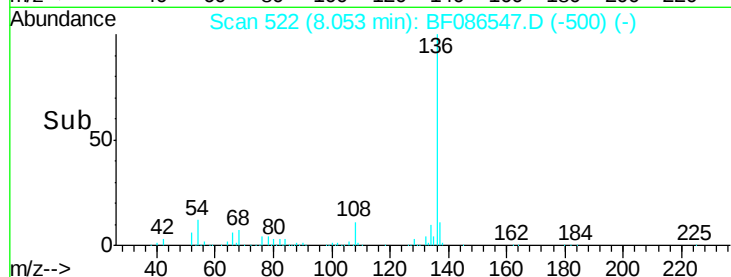
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SS5MS

Tgt Ion:	136	Resp:	596365
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	11.7	5.0	7.4#
68	7.1	4.4	6.6#

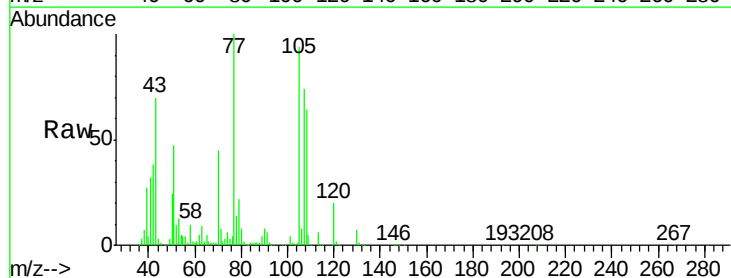


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

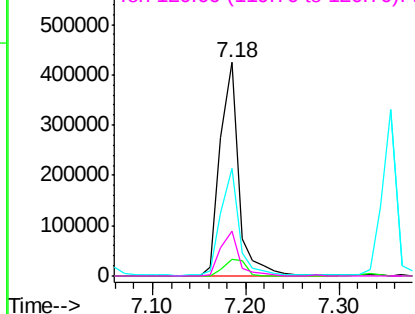
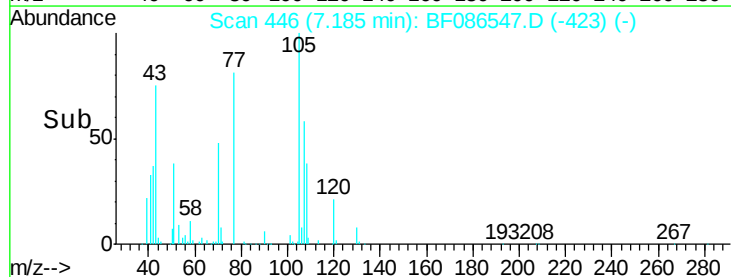


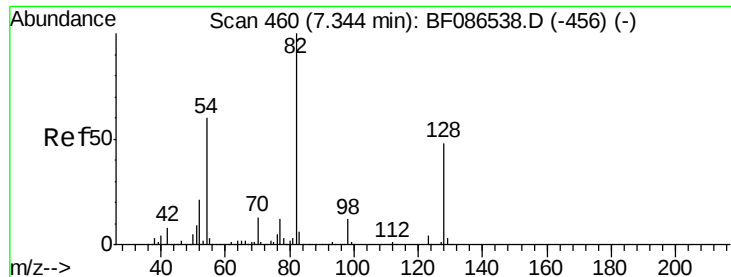
#22
Acetophenone
Concen: 45.56 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion:	105	Resp:	595746
Ion	Ratio	Lower	Upper
105	100		
71	8.0	4.8	7.2#
51	50.3	32.6	49.0#
120	20.9	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

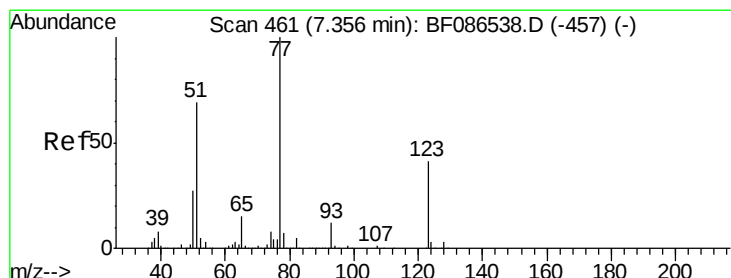
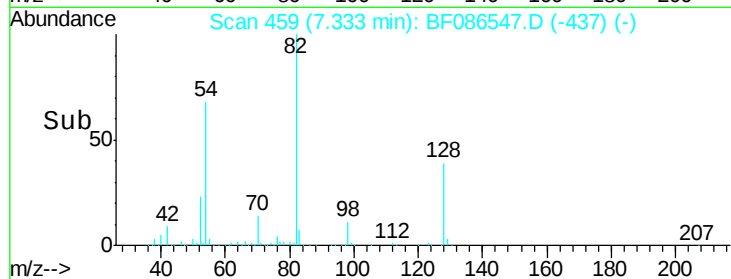
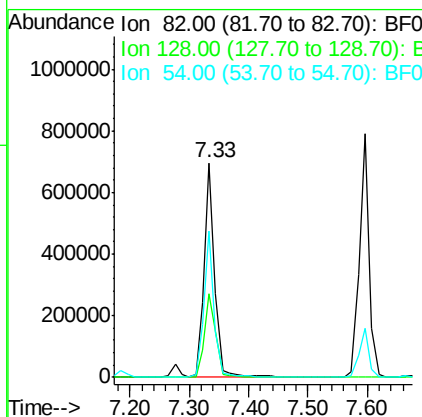
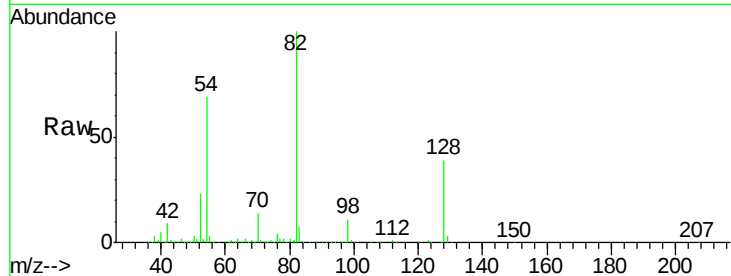




#23
Nitrobenzene-d5
Concen: 81.68 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

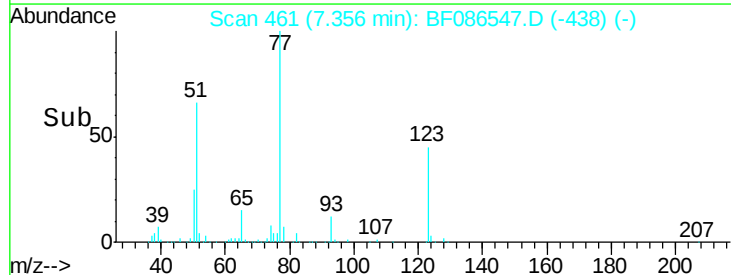
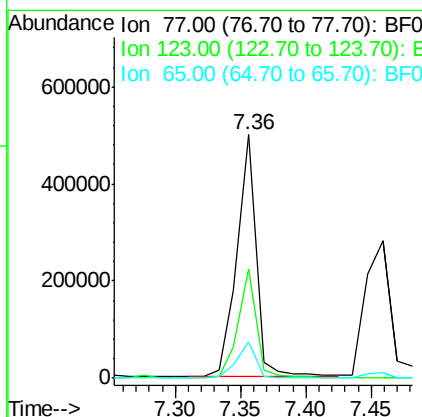
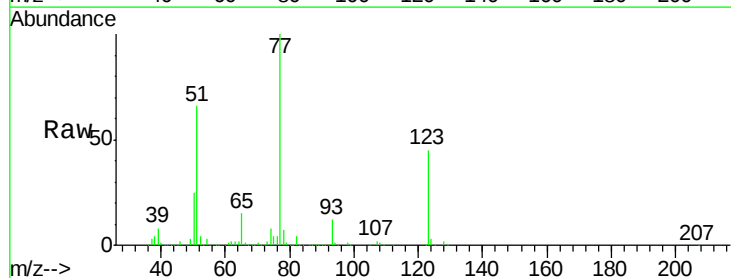
Instrument :
BNA_F
ClientSampleId :
SS5MS

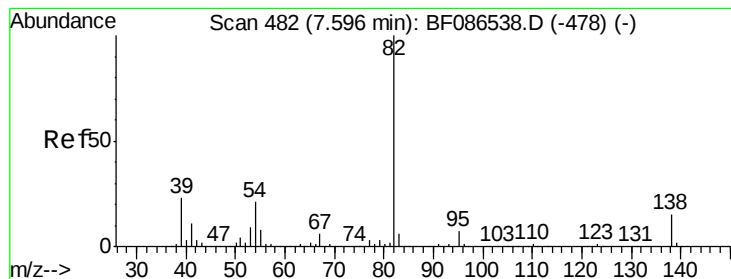
Tgt Ion: 82 Resp: 903696
Ion Ratio Lower Upper
82 100
128 39.3 40.6 61.0#
54 68.5 38.1 57.1#



#24
Nitrobenzene
Concen: 45.04 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion: 77 Resp: 512632
Ion Ratio Lower Upper
77 100
123 45.1 33.0 49.4
65 14.8 10.8 16.2





#25

Isophorone

Concen: 42.10 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

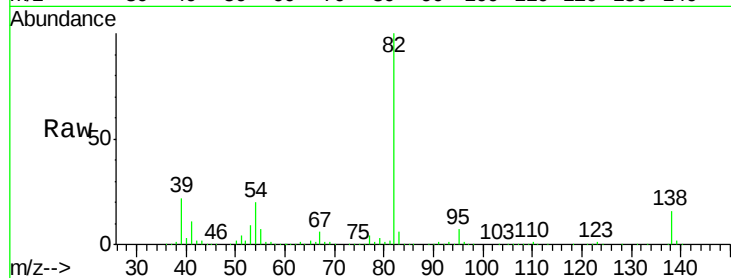
Tgt Ion: 82 Resp: 896532

Ion Ratio Lower Upper

82 100

95 6.9 5.1 7.7

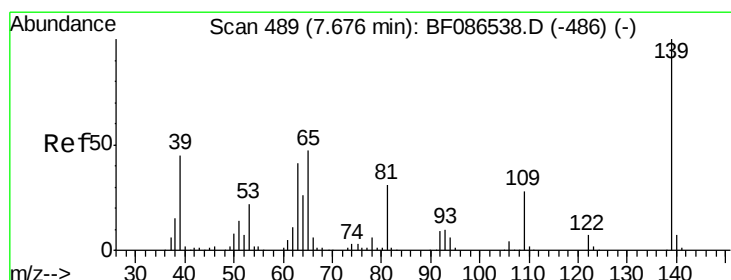
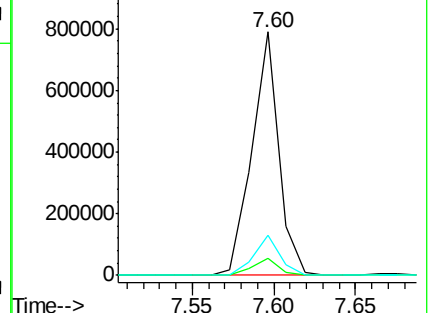
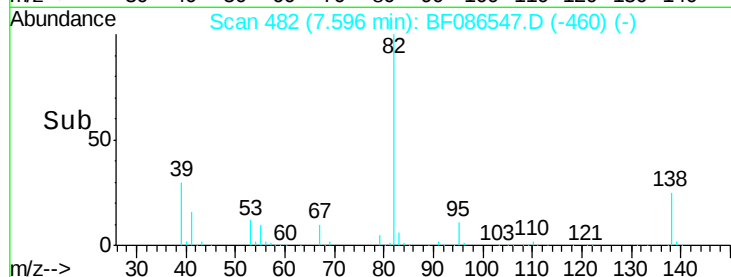
138 16.4 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.99 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

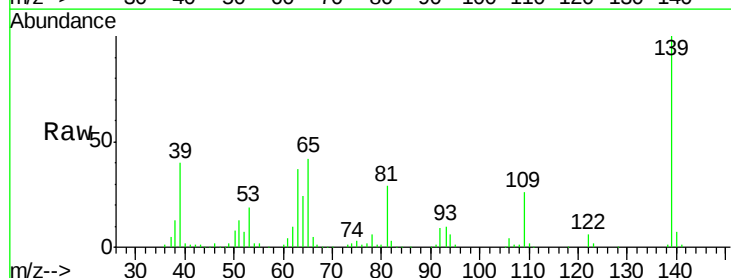
Tgt Ion: 139 Resp: 230521

Ion Ratio Lower Upper

139 100

109 26.1 19.5 29.3

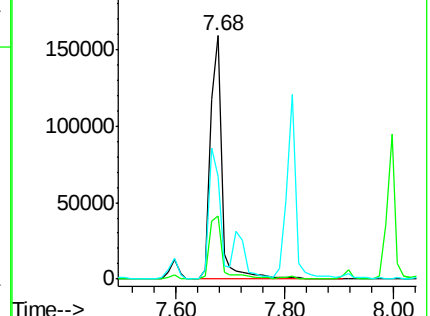
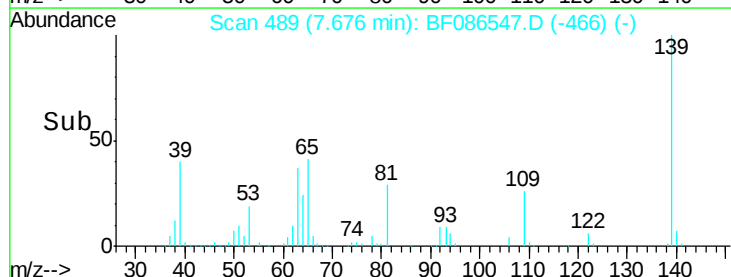
65 42.0 37.5 56.3

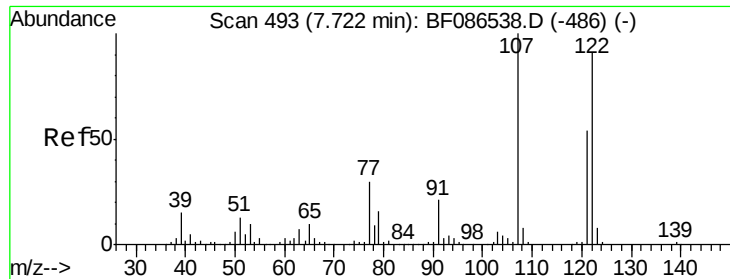


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

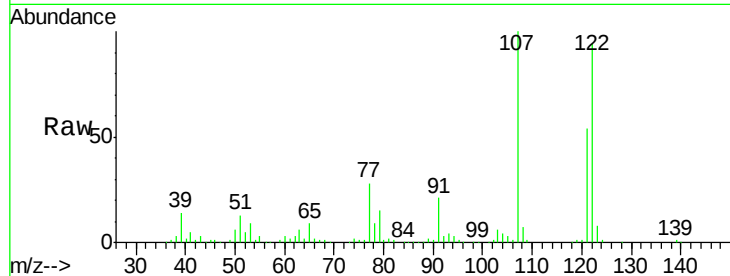




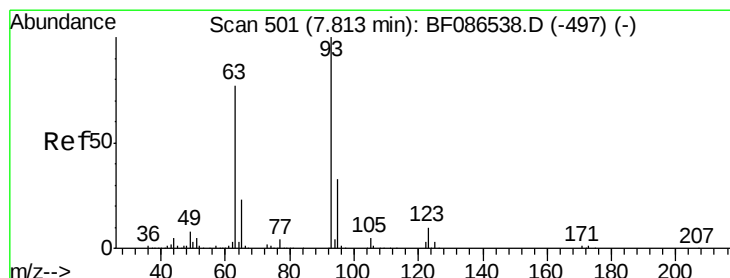
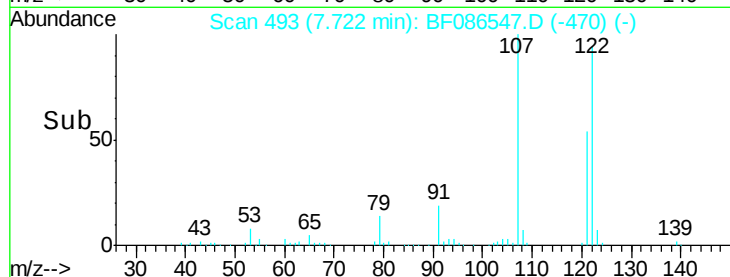
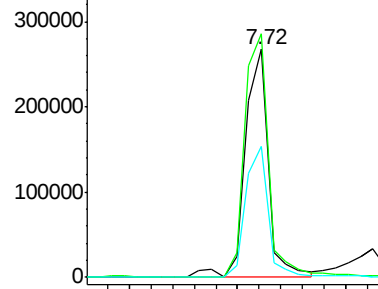
#27
 2,4-Dimethylphenol
 Concen: 43.16 ng
 RT: 7.72 min Scan# 493
 Delta R.T. -0.03 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SS5MS

Tgt Ion: 122 Resp: 396877
 Ion Ratio Lower Upper
 122 100
 107 106.7 82.0 123.0
 121 57.6 46.1 69.1

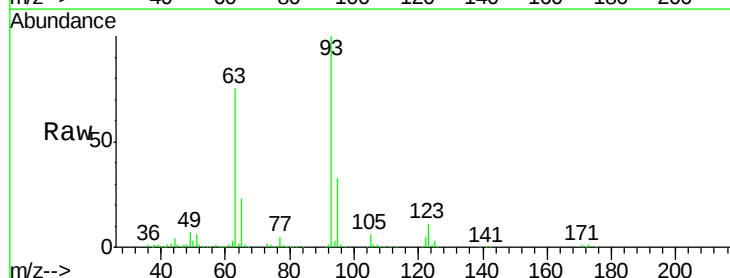


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

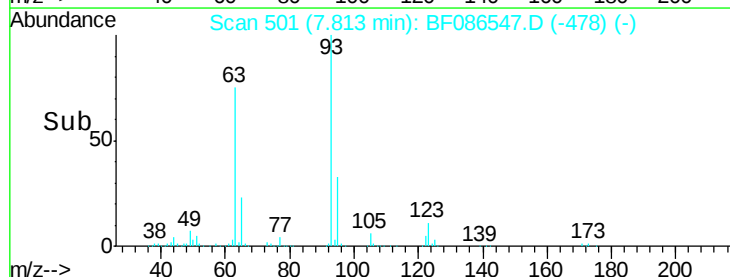
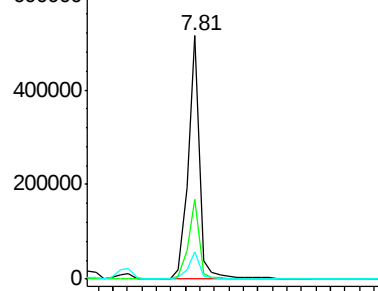


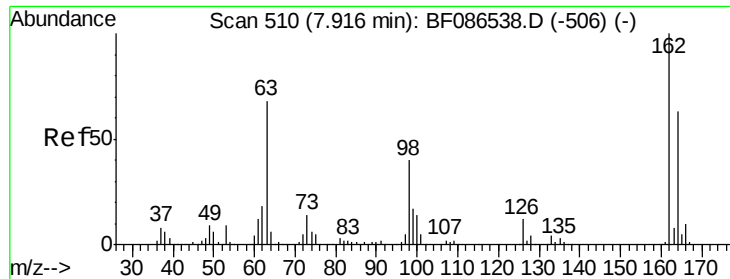
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.94 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.03 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Tgt Ion: 93 Resp: 556105
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.0 39.0
 123 11.1 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

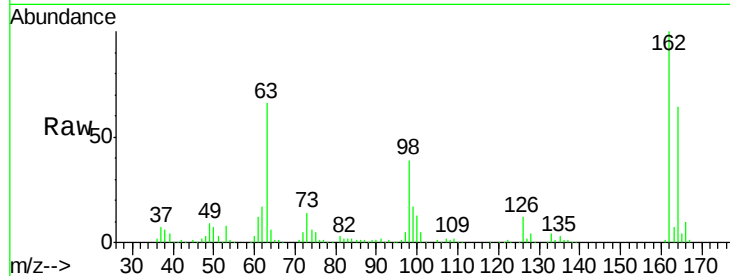




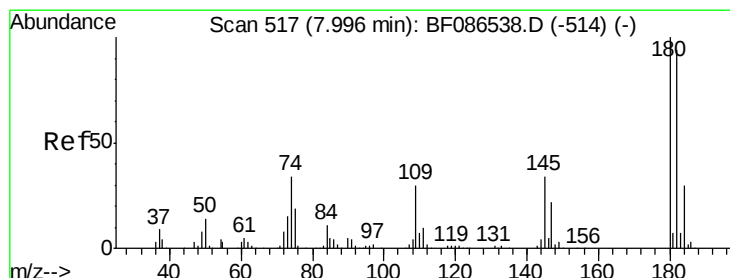
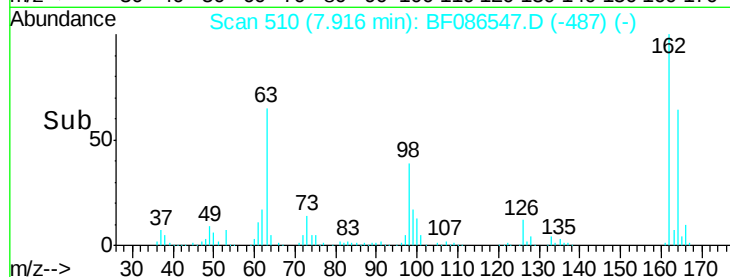
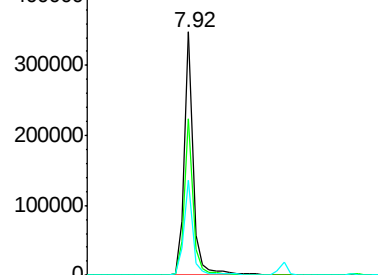
#29
 2,4-Dichlorophenol
 Concen: 47.59 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.03 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SS5MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.2	82.2
98	39.3	19.0	59.0

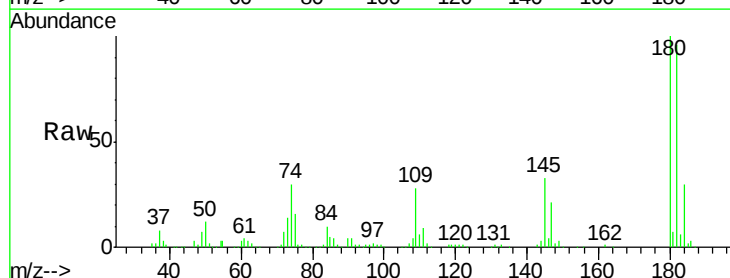


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

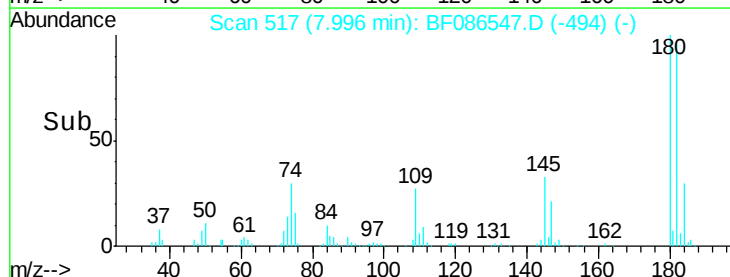
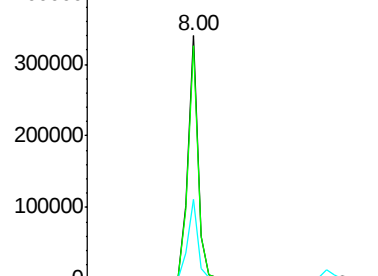


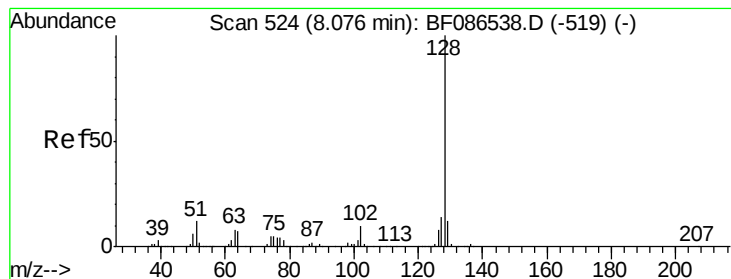
#30
 1,2,4-Trichlorobenzene
 Concen: 40.05 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.03 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.0	117.0
145	32.5	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: 41.37 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

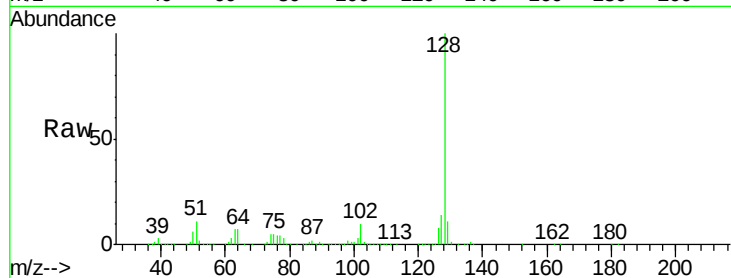
Tgt Ion:128 Resp: 1255529

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

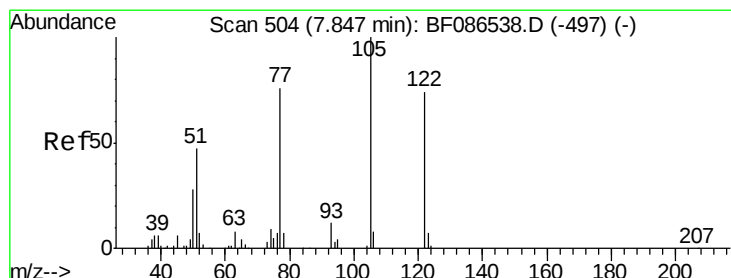
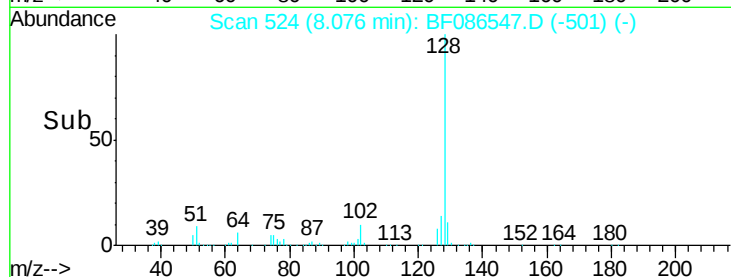
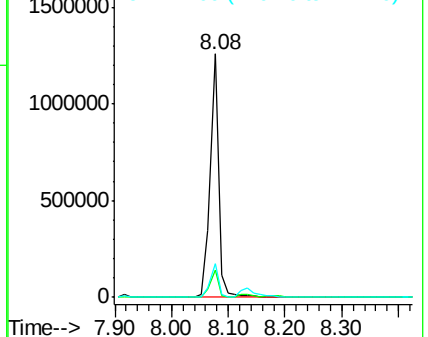
127 13.6 10.8 16.2



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: 21.38 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.07 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

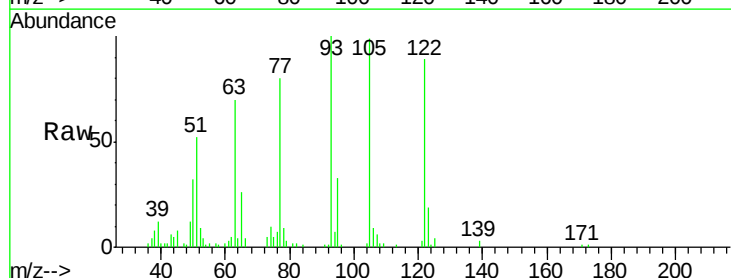
Tgt Ion:122 Resp: 85841

Ion Ratio Lower Upper

122 100

105 111.9 92.6 132.6

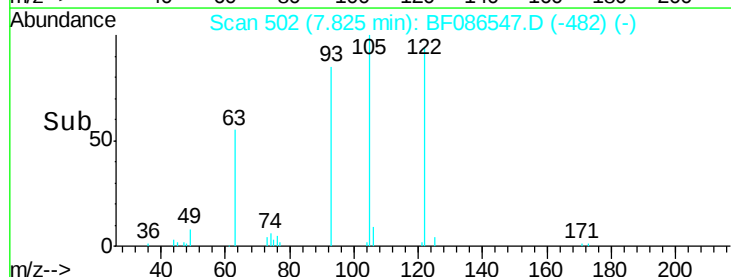
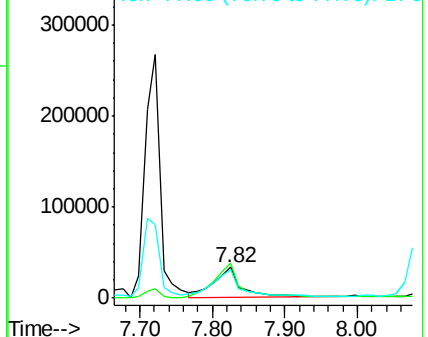
77 90.4 60.0 100.0

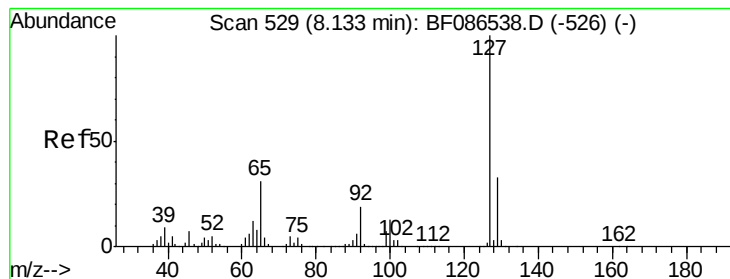


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.70 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

Tgt Ion:127 Resp: 110210

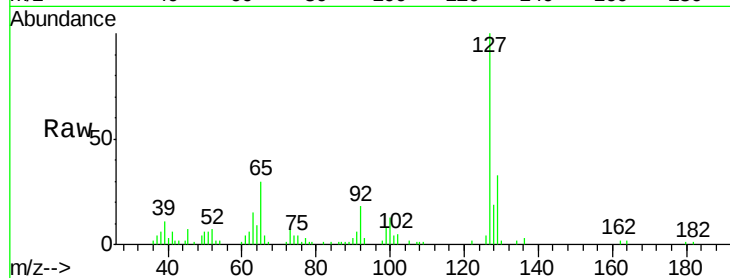
Ion Ratio Lower Upper

127 100

129 32.8 26.2 39.4

65 30.3 23.0 34.4

92 18.1 15.1 22.7

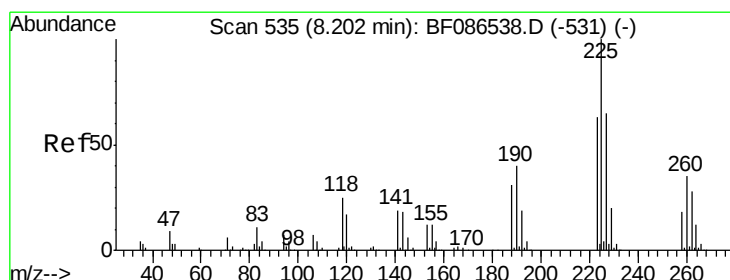
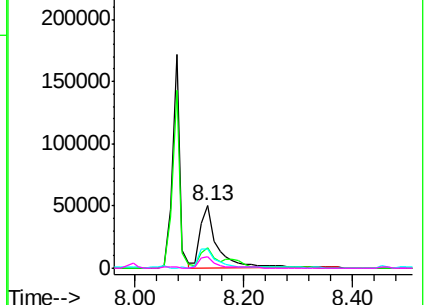
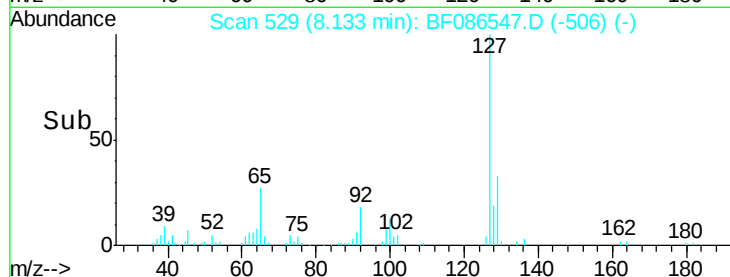


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 36.19 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

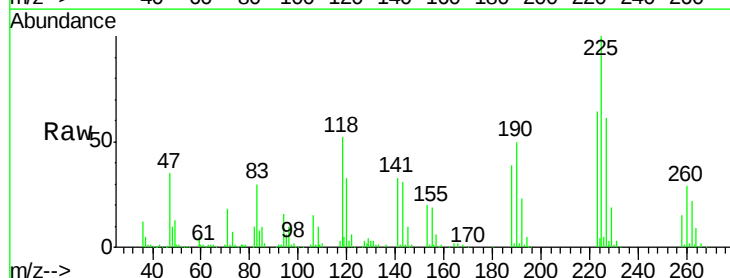
Tgt Ion:225 Resp: 182566

Ion Ratio Lower Upper

225 100

223 63.8 51.5 77.3

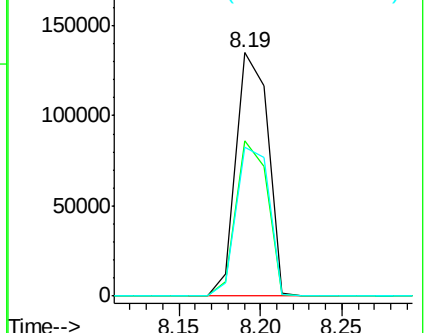
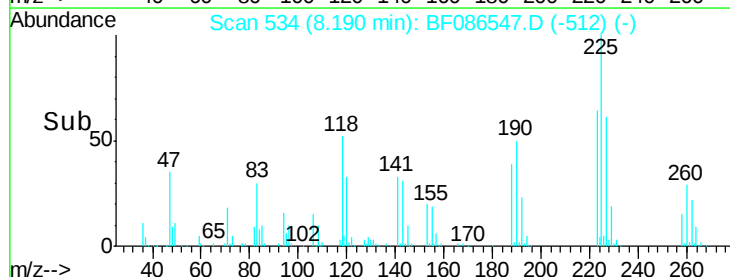
227 61.0 52.2 78.2

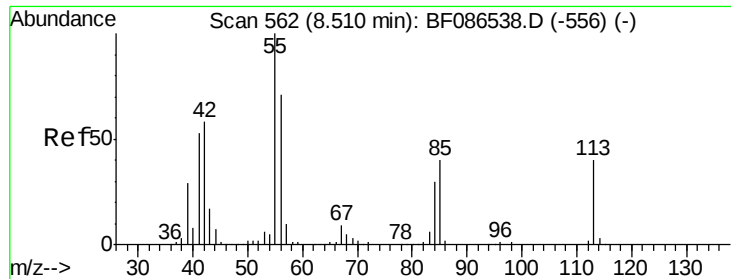


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.97 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.06 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

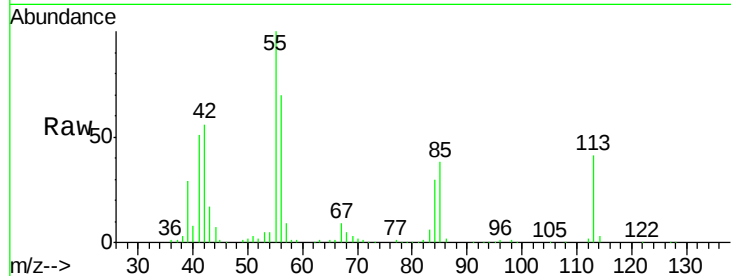
Tgt Ion:113 Resp: 74969

Ion Ratio Lower Upper

113 100

55 243.4 162.0 202.0#

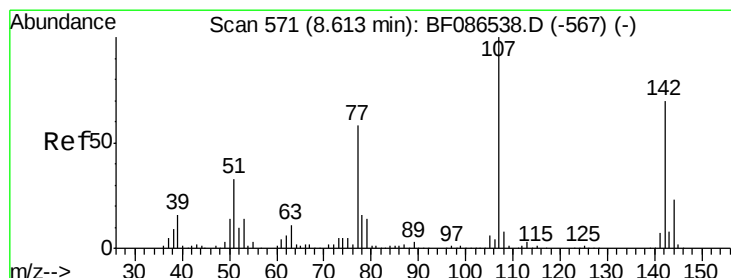
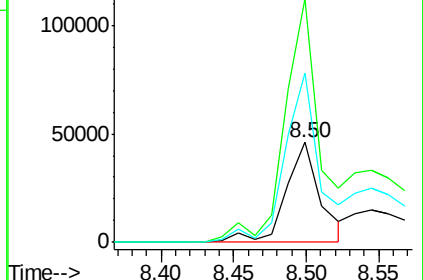
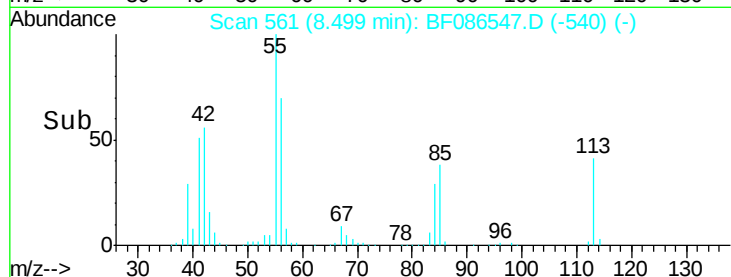
56 170.0 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.20 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

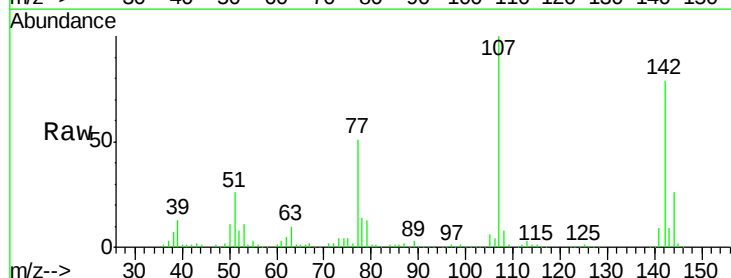
Tgt Ion:107 Resp: 428108

Ion Ratio Lower Upper

107 100

144 25.7 20.7 31.1

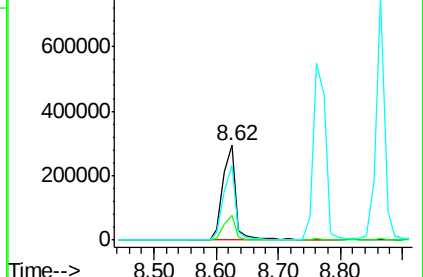
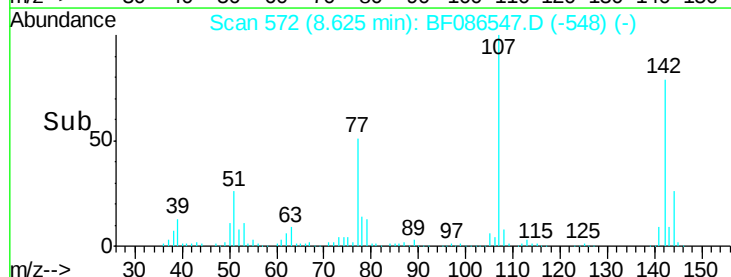
142 79.0 63.2 94.8

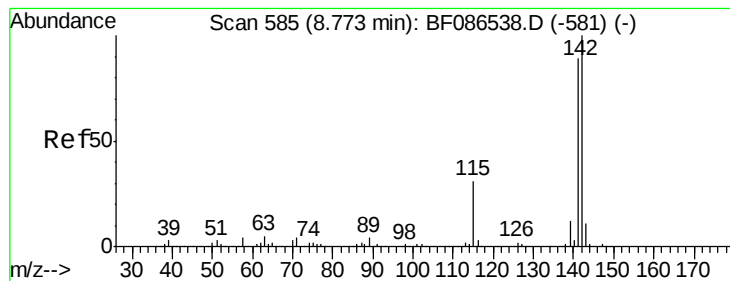


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.79 ng

RT: 8.76 min Scan# 584

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

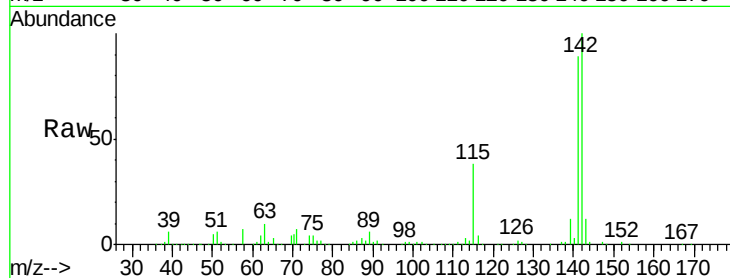
Tgt Ion:142 Resp: 766242

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.6

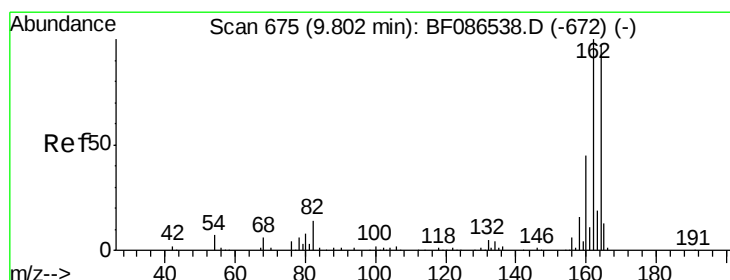
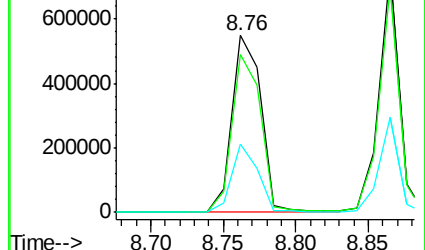
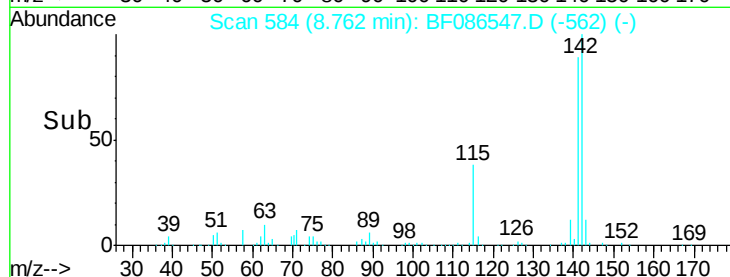
115 38.3 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

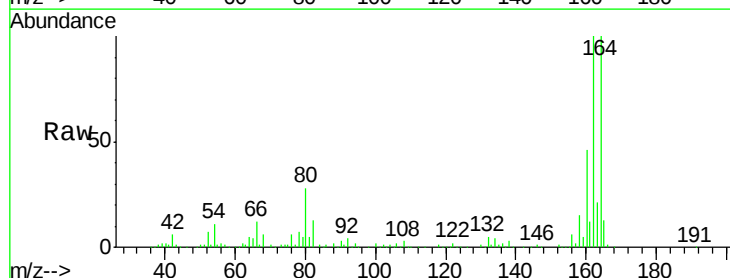
Tgt Ion:164 Resp: 284411

Ion Ratio Lower Upper

164 100

162 100.5 82.8 124.2

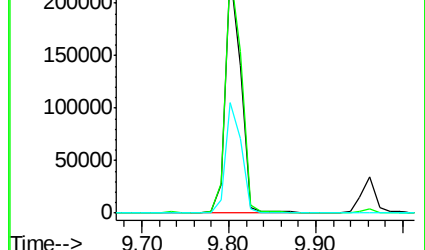
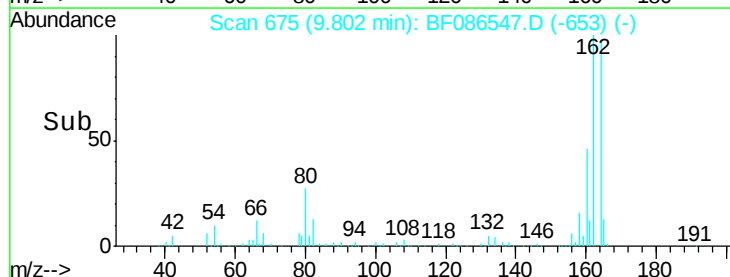
160 45.8 36.9 55.3

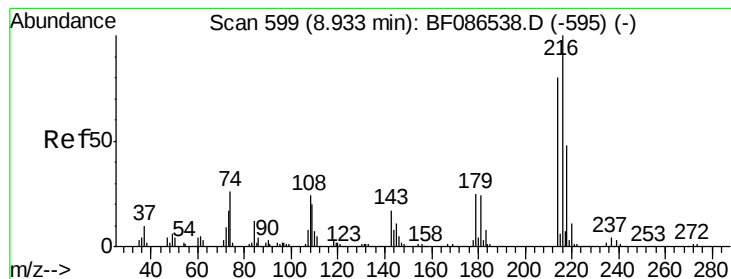


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.16 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampled :

SS5MS

Tgt Ion:216 Resp: 318794

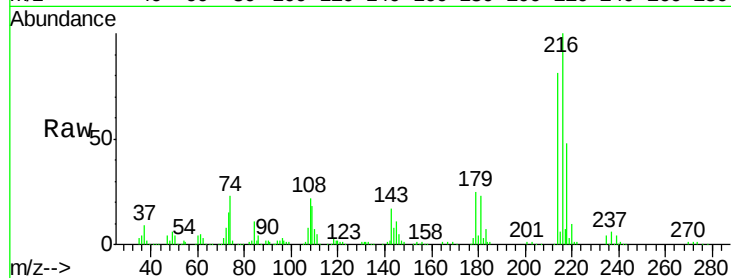
Ion Ratio Lower Upper

216 100

214 80.3 62.6 93.8

179 24.3 18.2 27.4

108 25.1 17.5 26.3

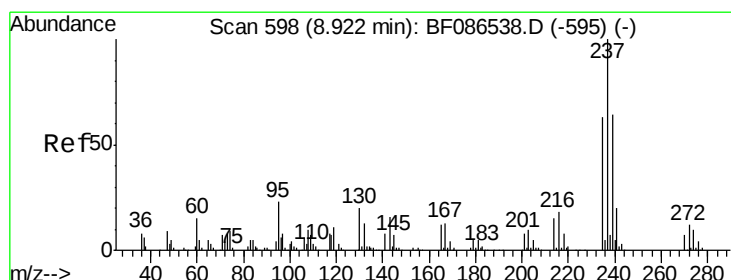
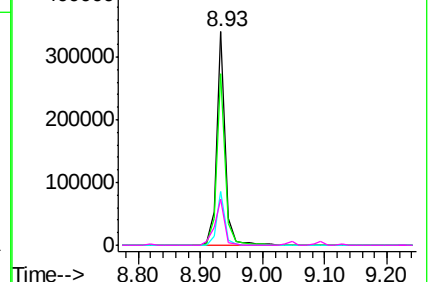
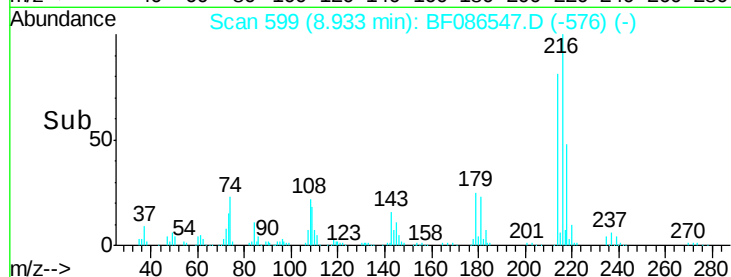


Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.69 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

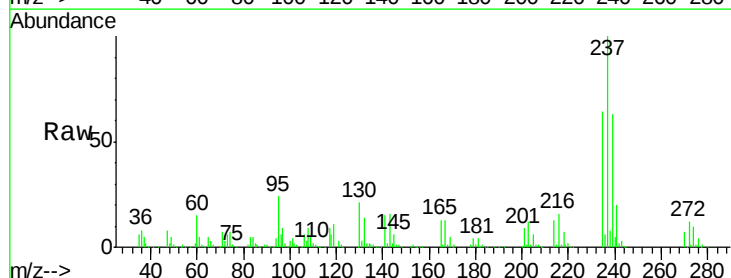
Tgt Ion:237 Resp: 298123

Ion Ratio Lower Upper

237 100

235 63.8 47.2 87.2

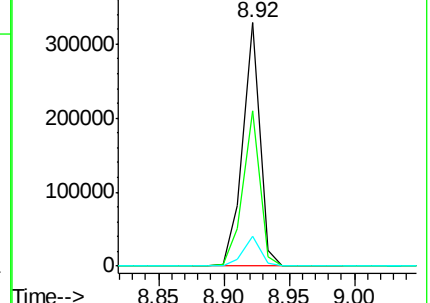
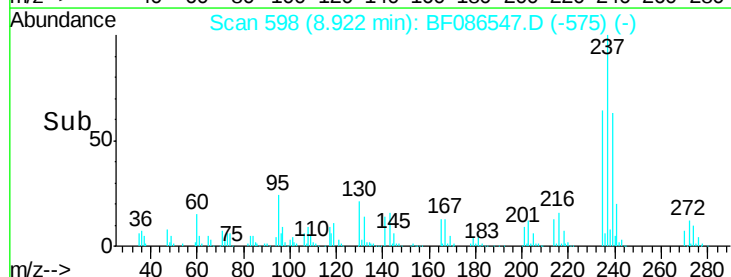
272 12.4 0.0 31.1

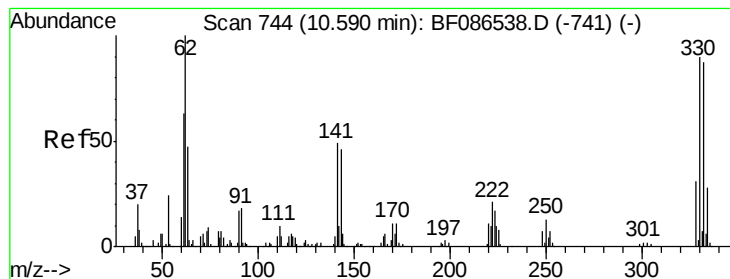


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 126.52 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

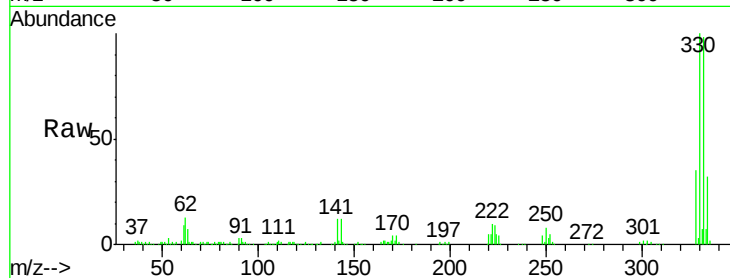
Tgt Ion:330 Resp: 379458

Ion Ratio Lower Upper

330 100

332 96.5 79.0 118.4

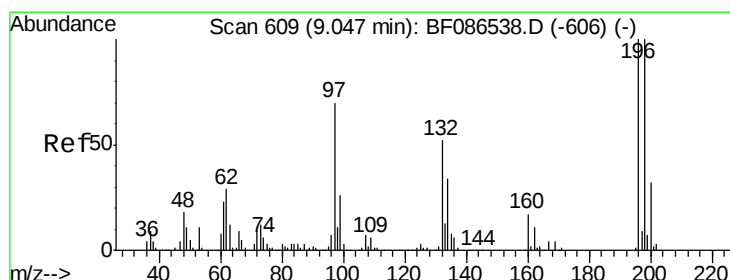
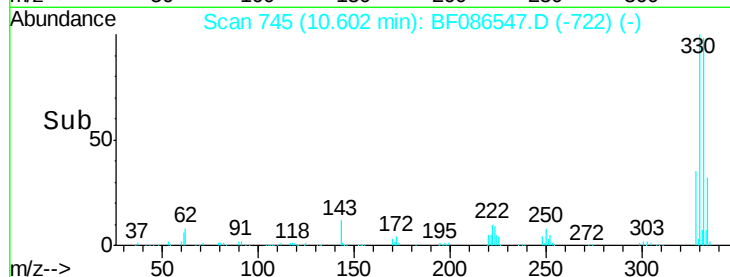
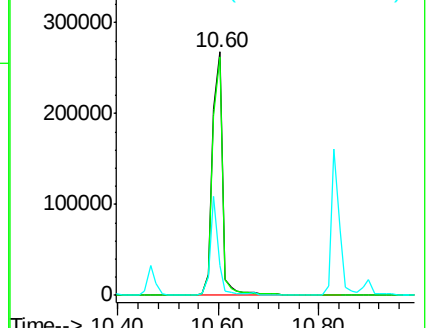
141 30.9 31.2 46.8#



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: 45.96 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

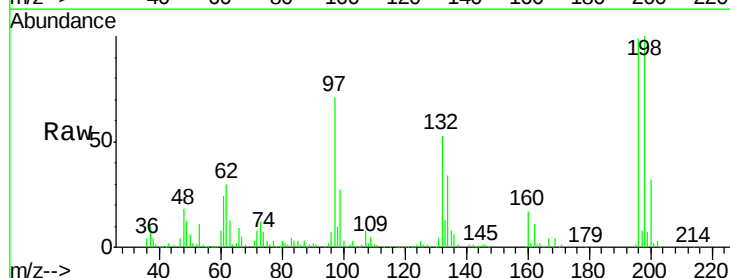
Tgt Ion:196 Resp: 236509

Ion Ratio Lower Upper

196 100

198 101.5 74.7 112.1

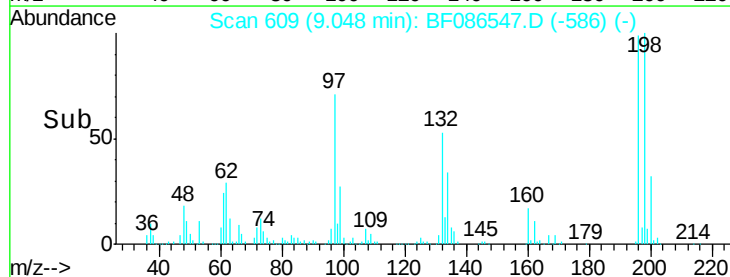
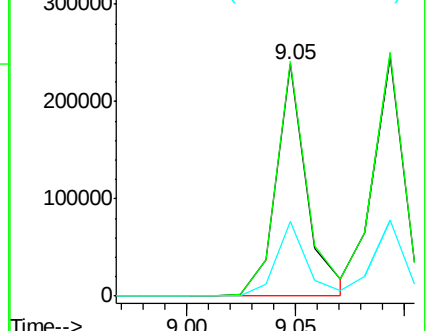
200 32.0 23.8 35.6

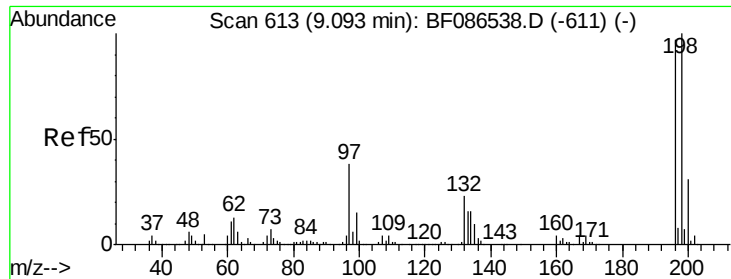


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

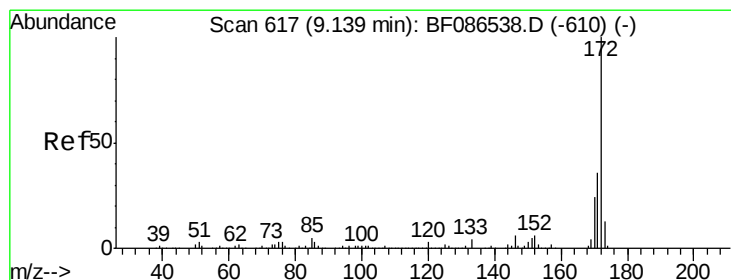
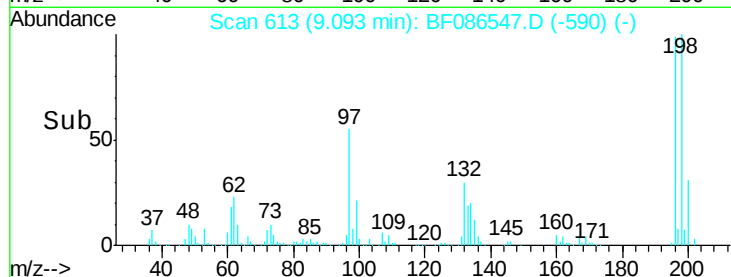
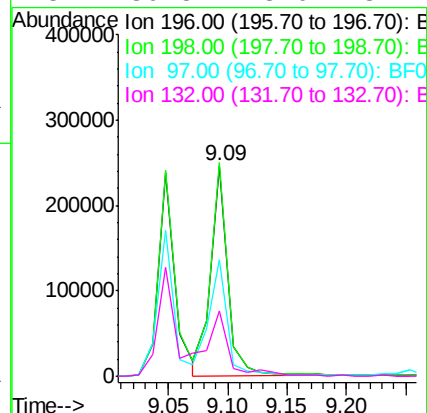
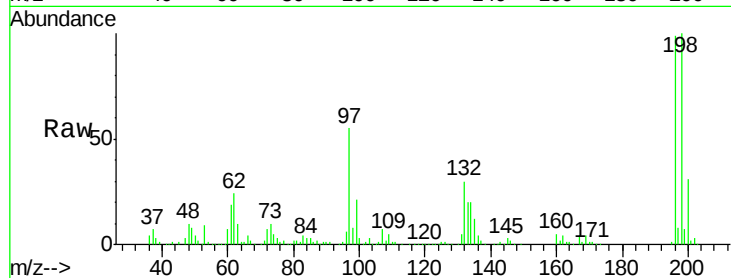




#43
 2,4,5-Trichlorophenol
 Concen: 44.97 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

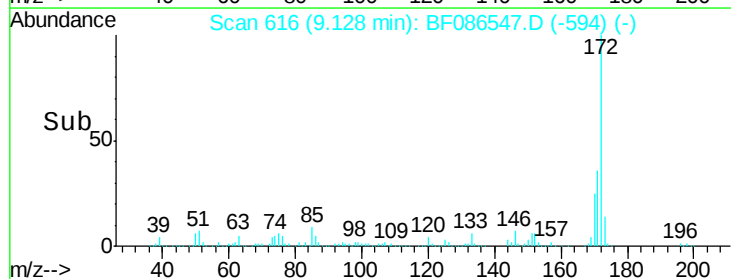
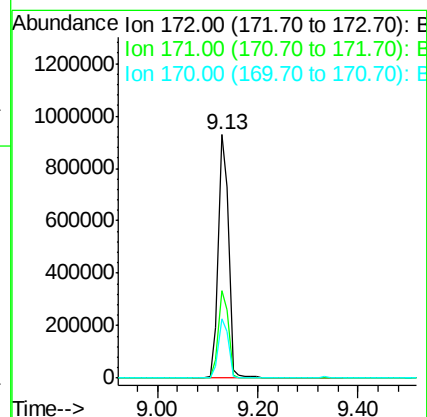
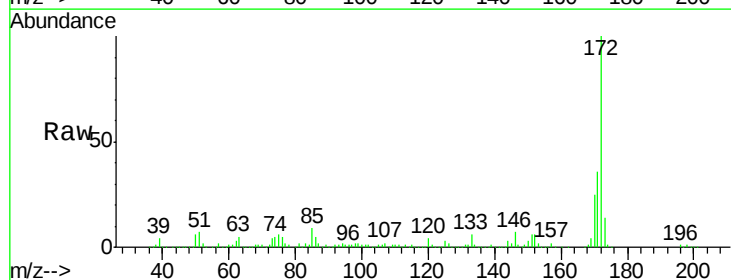
Instrument :
 BNA_F
 ClientSampleId :
 SS5MS

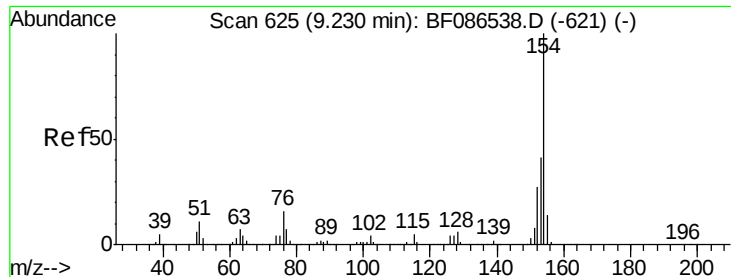
Tgt Ion:196 Resp: 252244
 Ion Ratio Lower Upper
 196 100
 198 101.4 77.5 116.3
 97 55.6 34.8 52.2#
 132 30.8 23.0 34.4



#44
 2-Fluorobiphenyl
 Concen: 80.38 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Tgt Ion:172 Resp: 1321922
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 24.6 19.8 29.8

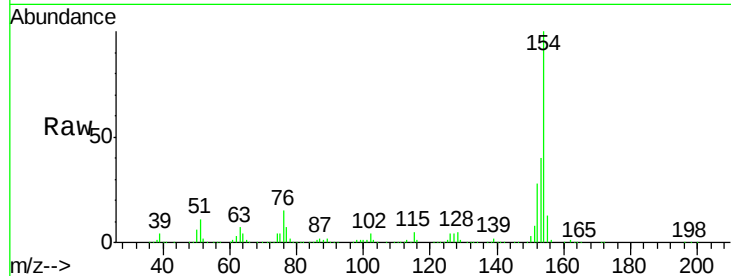




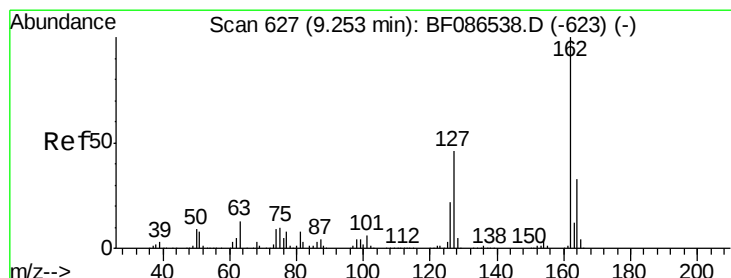
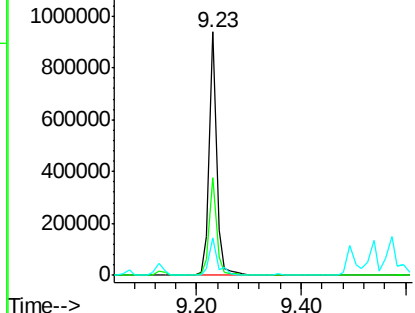
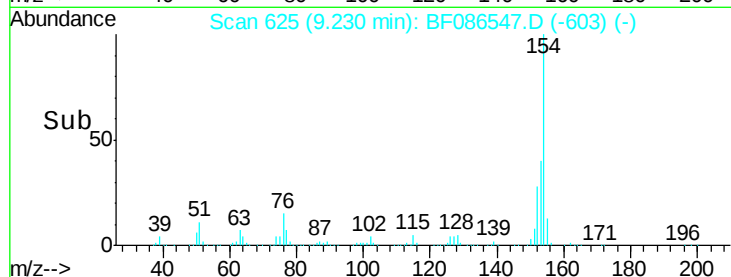
#45
 1,1'-Biphenyl
 Concen: 39.30 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SS5MS

Tgt Ion:154 Resp: 934202
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.3 60.3
 76 15.4 0.0 30.2

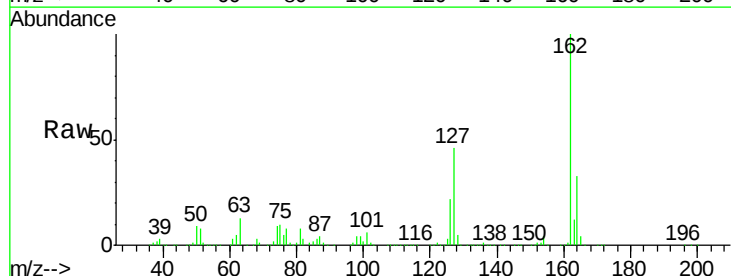


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

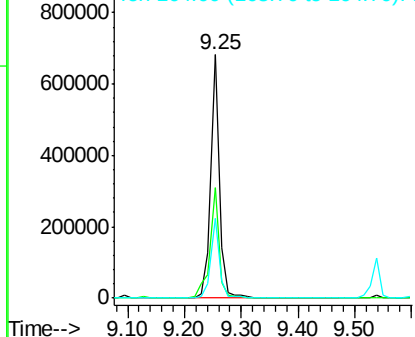
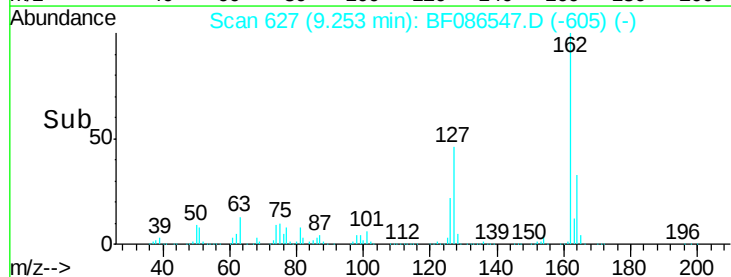


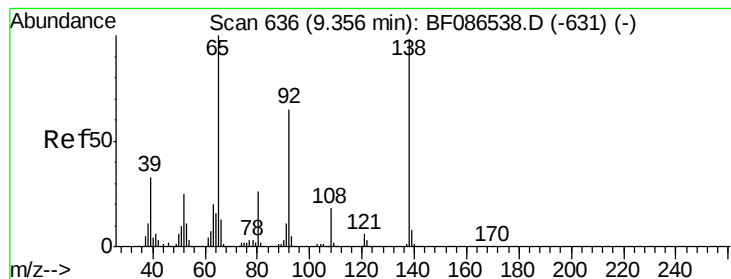
#46
 2-Chloronaphthalene
 Concen: 38.86 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Tgt Ion:162 Resp: 702386
 Ion Ratio Lower Upper
 162 100
 127 45.6 31.8 47.6
 164 32.6 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: 52.64 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

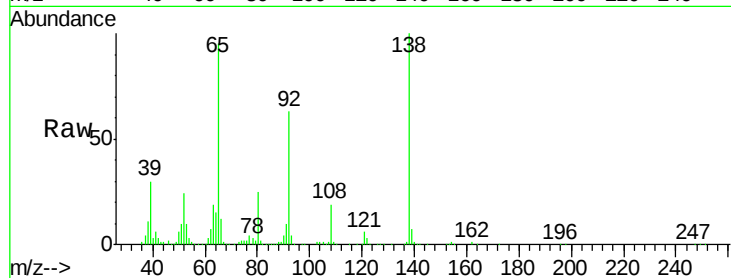
Tgt Ion: 65 Resp: 305107

Ion Ratio Lower Upper

65 100

92 66.5 57.4 86.2

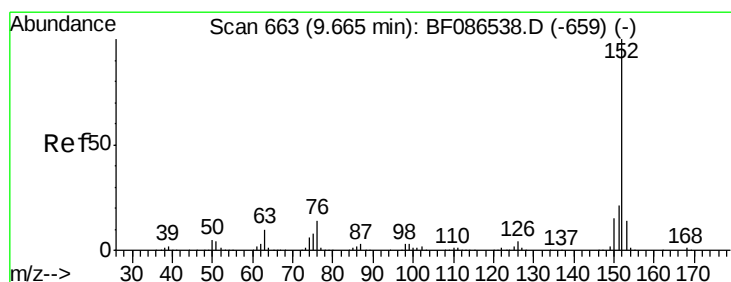
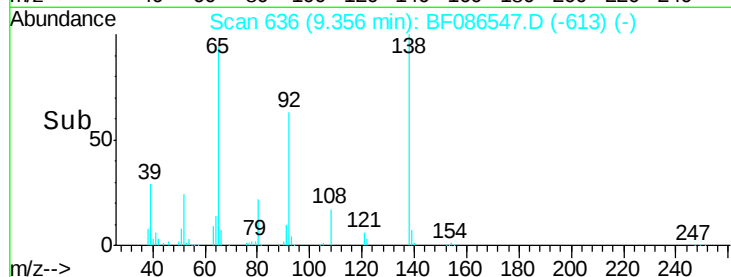
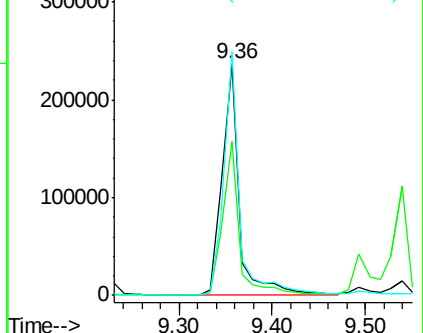
138 105.2 90.1 135.1



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 38.37 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

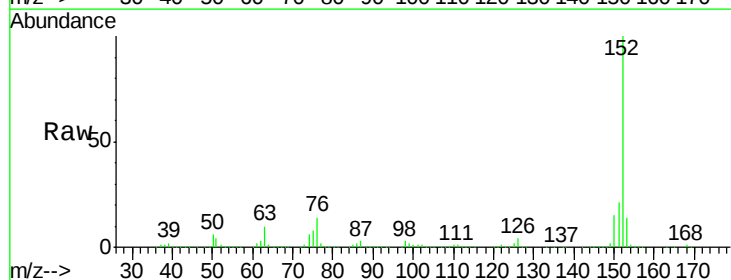
Tgt Ion: 152 Resp: 1084226

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

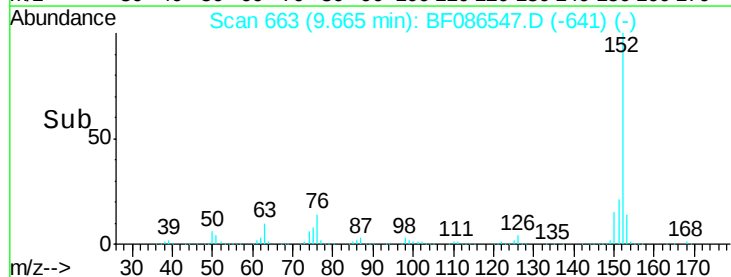
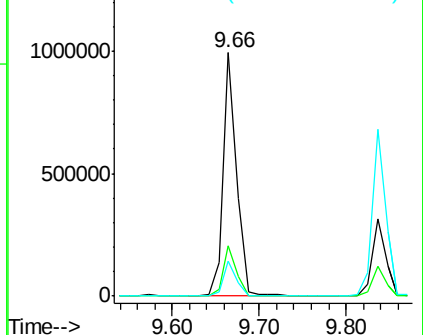
153 14.2 10.9 16.3

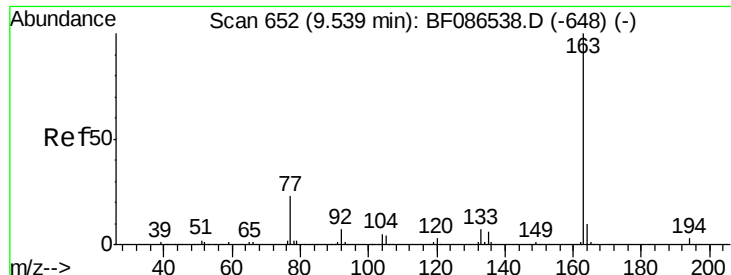


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

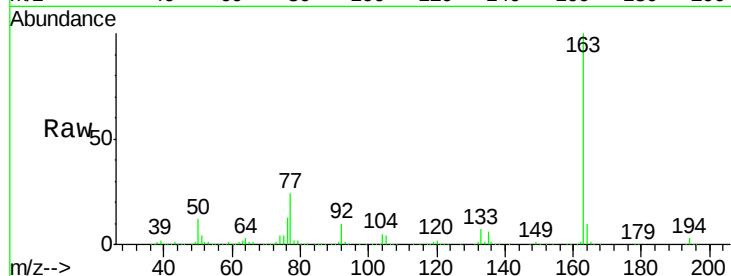




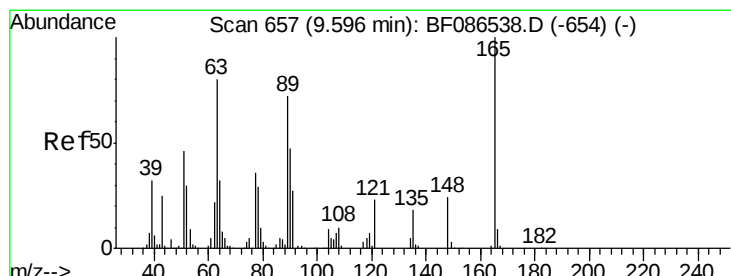
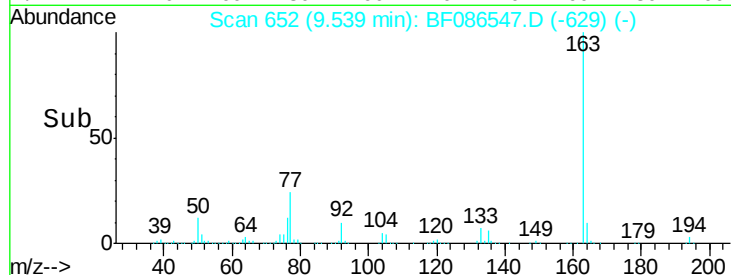
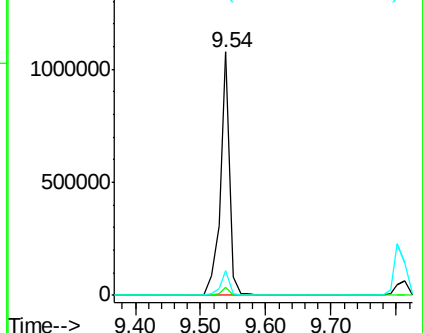
#49
Dimethylphthalate
Concen: 50.94 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Instrument :
BNA_F
ClientSampled :
SS5MS

Tgt Ion:163 Resp: 1090719
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.2 12.4

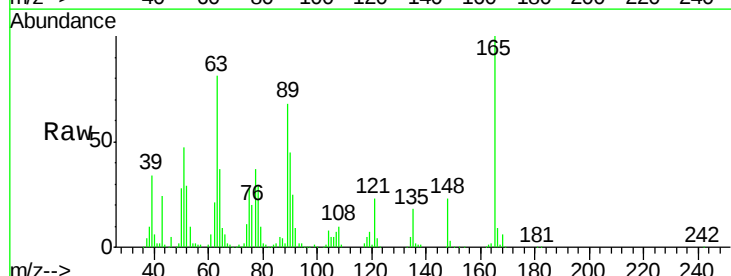


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

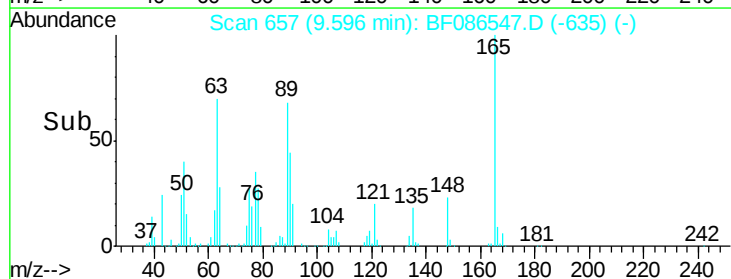
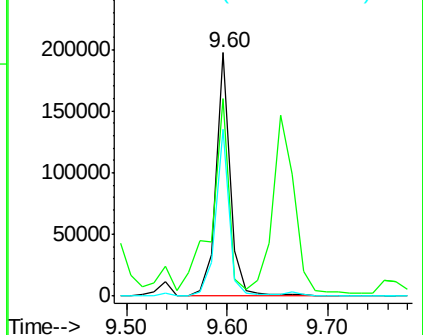


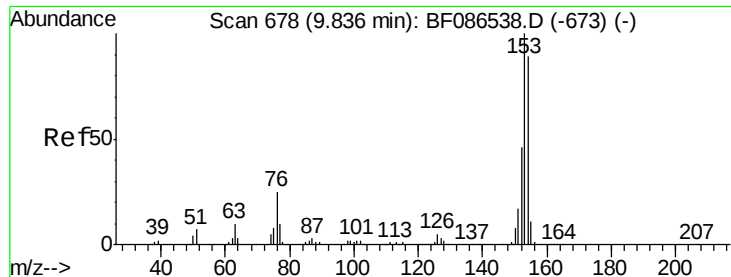
#50
2,6-Dinitrotoluene
Concen: 43.73 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion:165 Resp: 193431
Ion Ratio Lower Upper
165 100
63 81.1 51.8 77.8#
89 68.5 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: 41.91 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

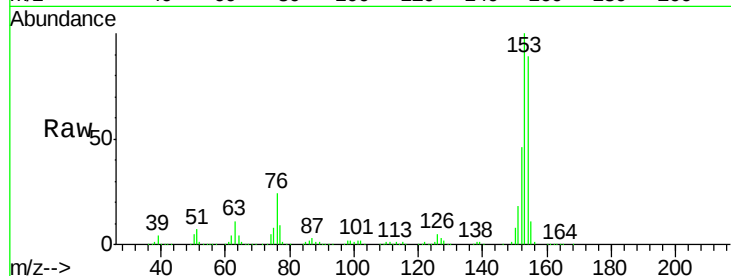
Tgt Ion:154 Resp: 760515

Ion Ratio Lower Upper

154 100

153 112.9 89.8 134.6

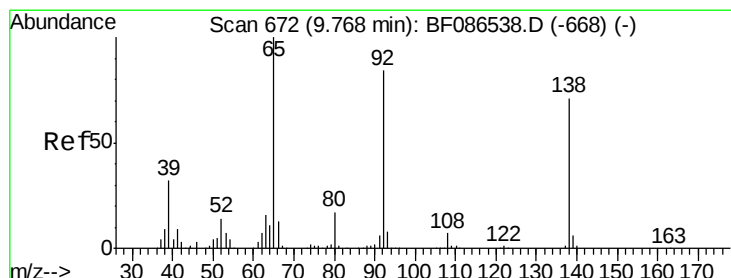
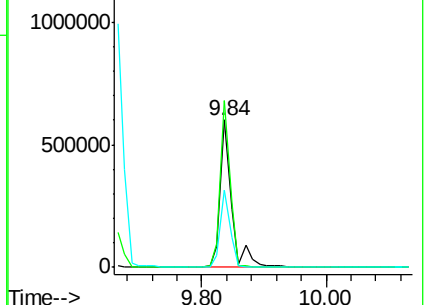
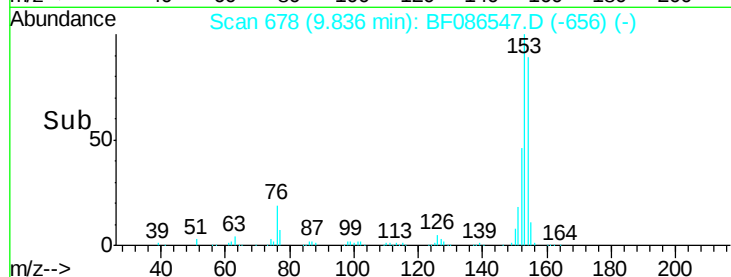
152 52.2 43.4 65.0



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: 20.02 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

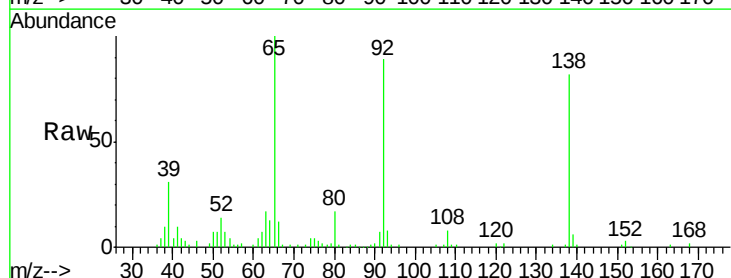
Tgt Ion:138 Resp: 100723

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.6

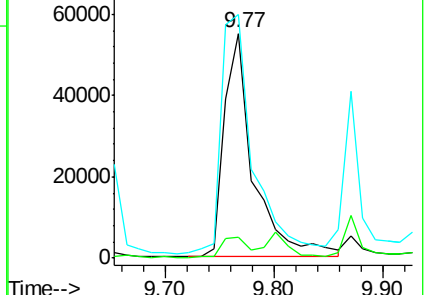
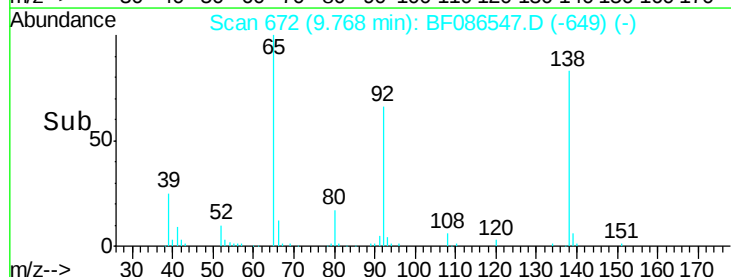
92 108.4 87.8 131.8

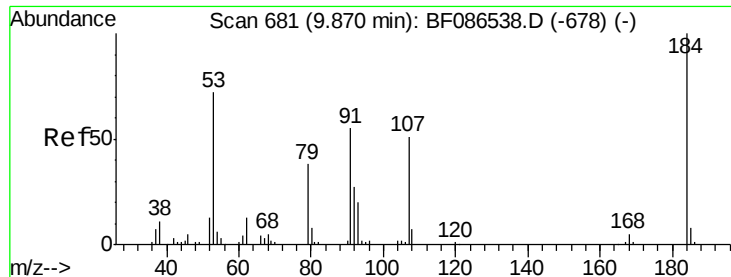


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

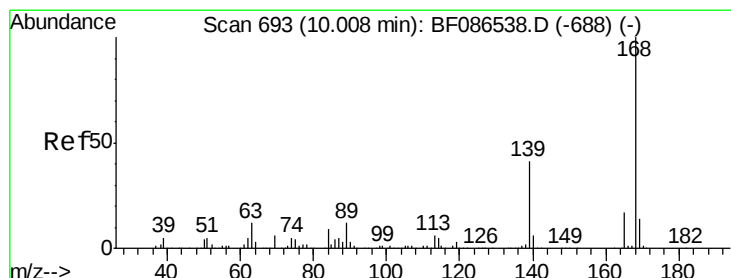
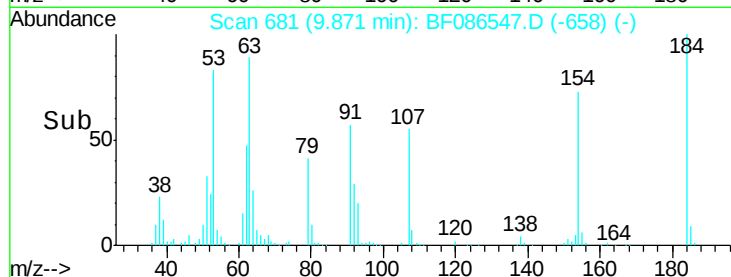
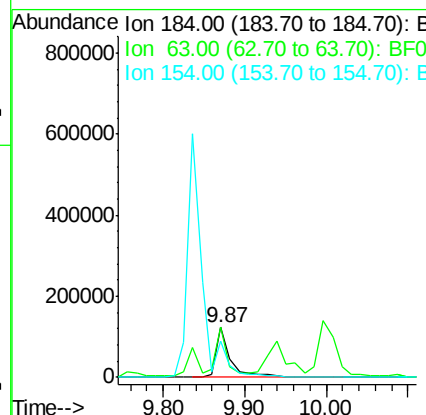
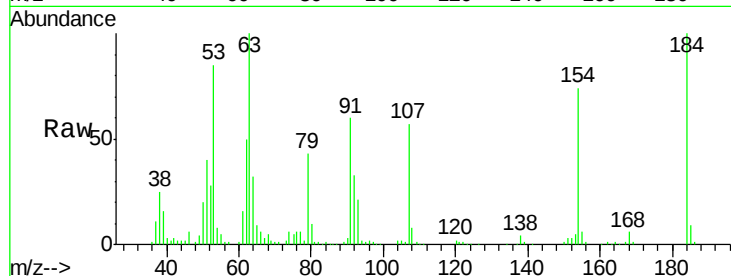




#53
2,4-Dinitrophenol
Concen: 65.97 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

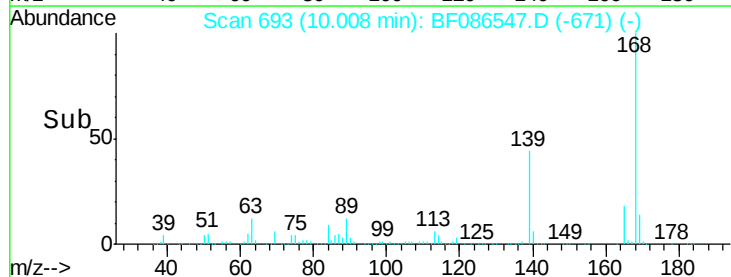
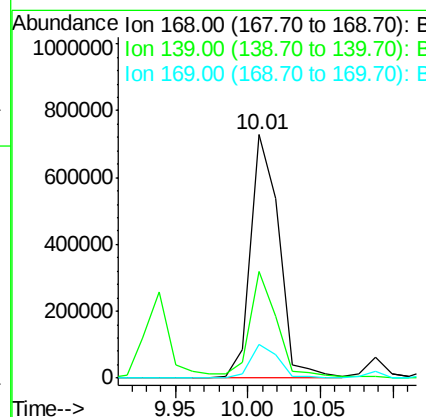
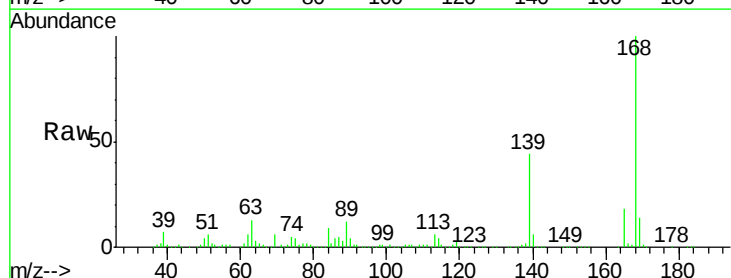
Instrument :
BNA_F
ClientSampleId :
SS5MS

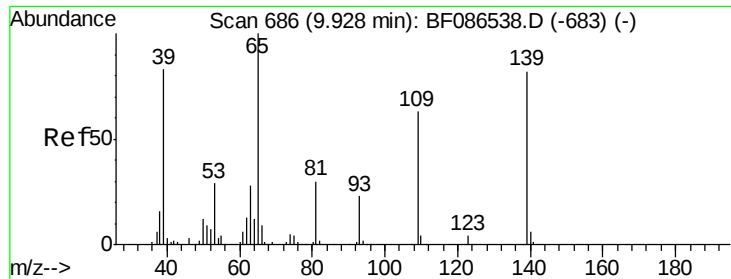
Tgt Ion:184 Resp: 155869
Ion Ratio Lower Upper
184 100
63 100.3 55.8 83.8#
154 73.7 62.4 93.6



#54
Dibenzofuran
Concen: 43.52 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion:168 Resp: 987104
Ion Ratio Lower Upper
168 100
139 44.0 31.4 47.0
169 13.6 10.7 16.1

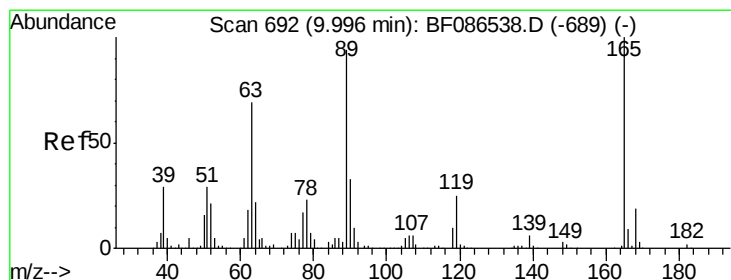
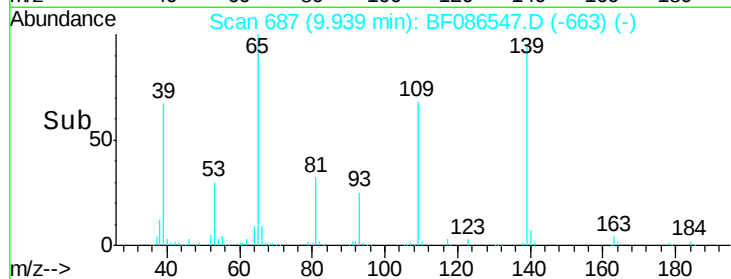
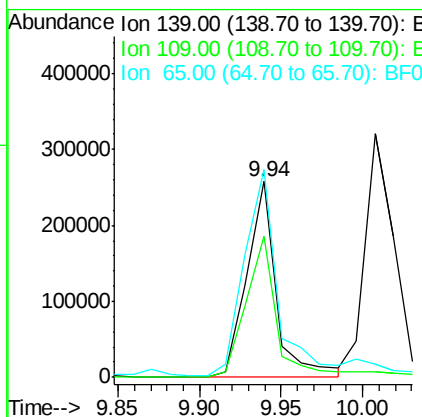
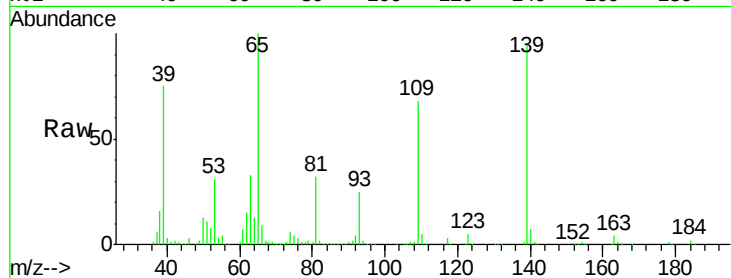




#55
4-Nitrophenol
Concen: 98.03 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

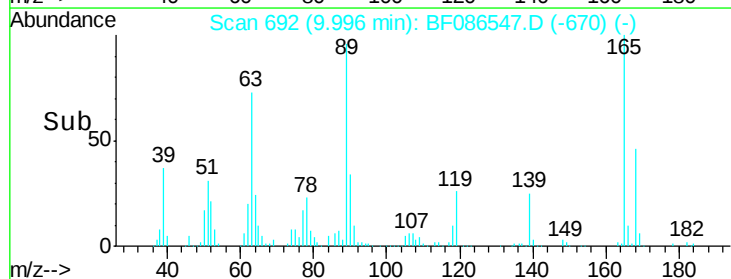
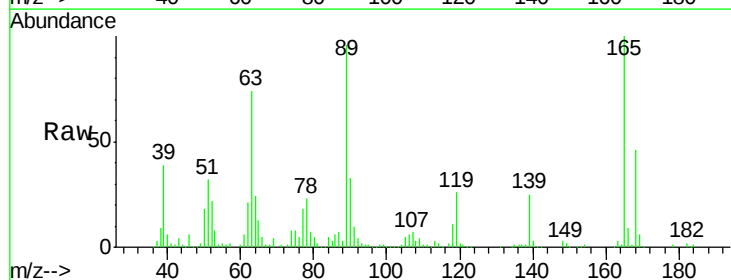
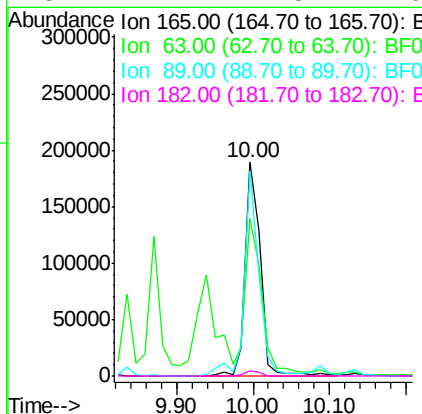
Instrument :
BNA_F
ClientSampleId :
SS5MS

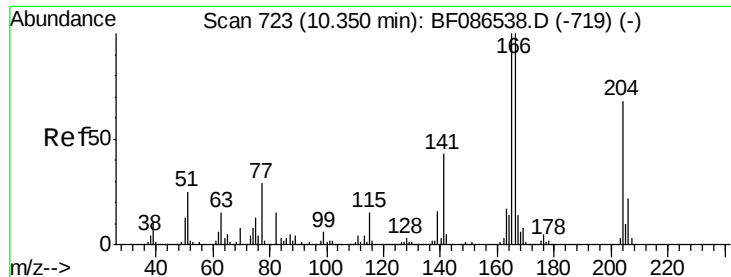
Tgt Ion:139 Resp: 322909
Ion Ratio Lower Upper
139 100
109 72.2 36.9 76.9
65 105.9 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 45.94 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.05 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion:165 Resp: 259020
Ion Ratio Lower Upper
165 100
63 73.7 44.3 66.5#
89 96.1 70.0 105.0
182 2.2 1.8 2.6





#57

Fluorene

Concen: 36.12 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampled :

SS5MS

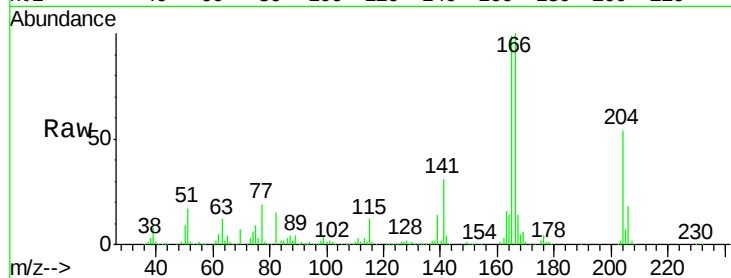
Tgt Ion:166 Resp: 711292

Ion Ratio Lower Upper

166 100

165 98.6 79.0 118.6

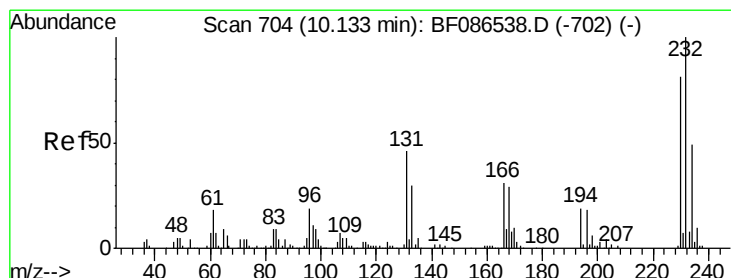
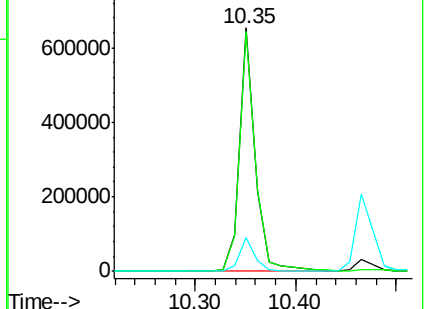
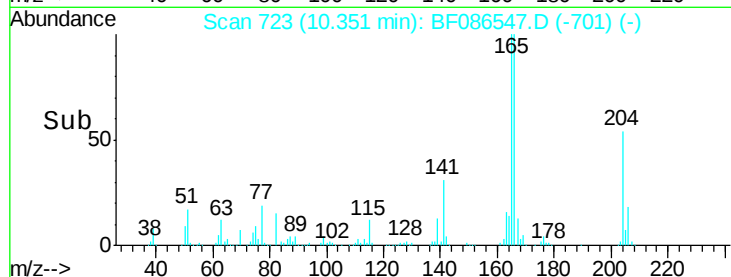
167 13.7 10.6 15.8



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: 50.66 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Tgt Ion:232 Resp: 222134

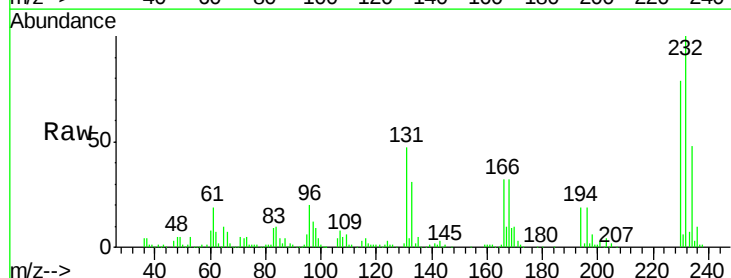
Ion Ratio Lower Upper

232 100

131 51.6 41.9 62.9

130 2.6 2.2 3.4

166 31.1 26.8 40.2

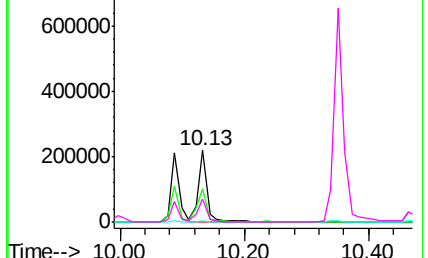
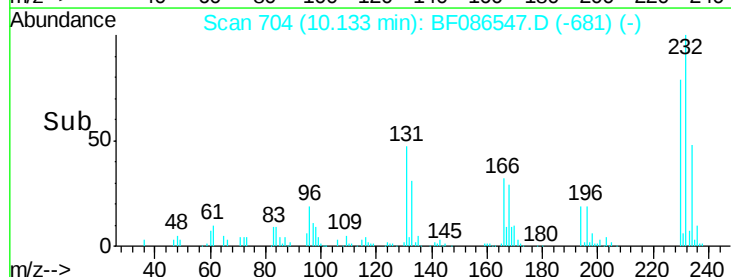


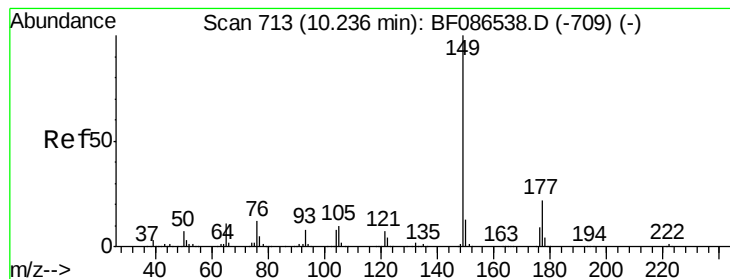
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.77 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

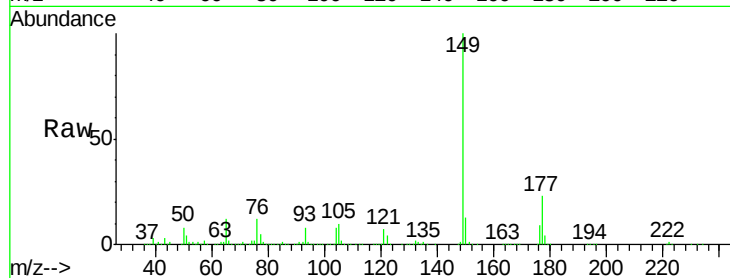
Tgt Ion:149 Resp: 866937

Ion Ratio Lower Upper

149 100

177 22.5 16.6 24.8

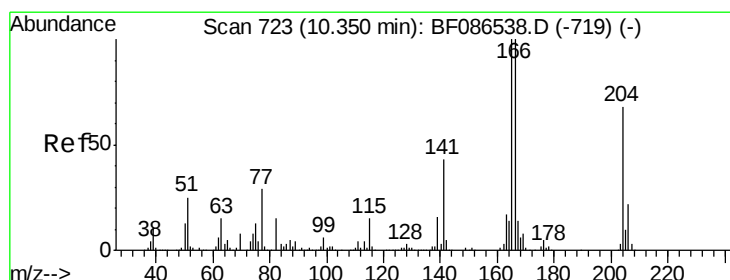
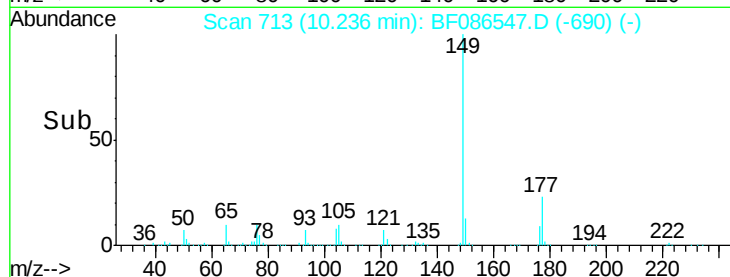
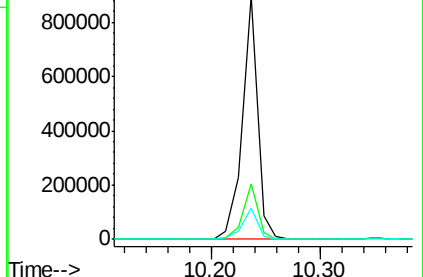
150 12.8 10.0 15.0



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: 40.85 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

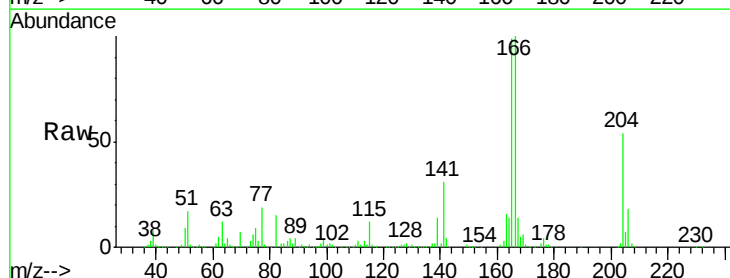
Tgt Ion:204 Resp: 365265

Ion Ratio Lower Upper

204 100

206 32.7 25.4 38.0

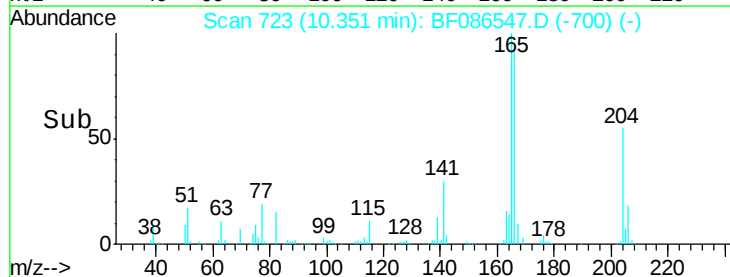
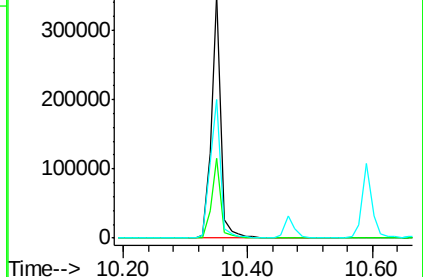
141 56.7 61.6 92.4#

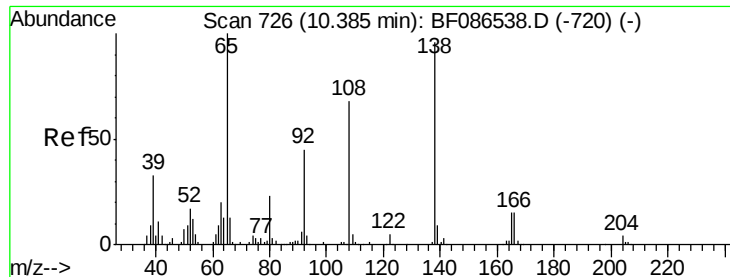


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

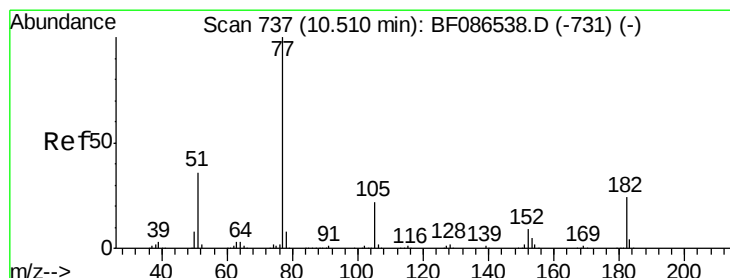
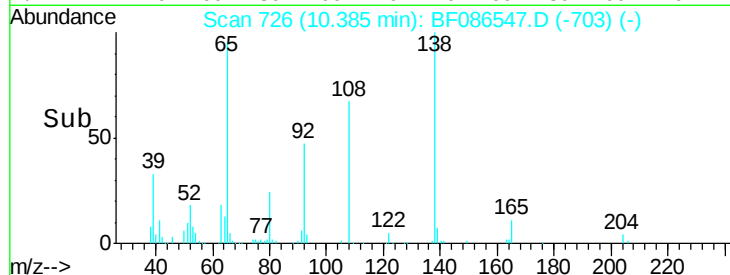
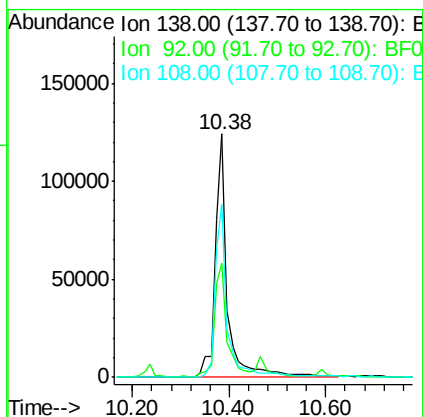
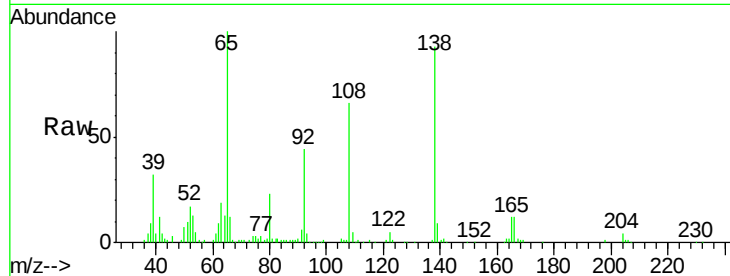




#61
4-Nitroaniline
Concen: 45.73 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

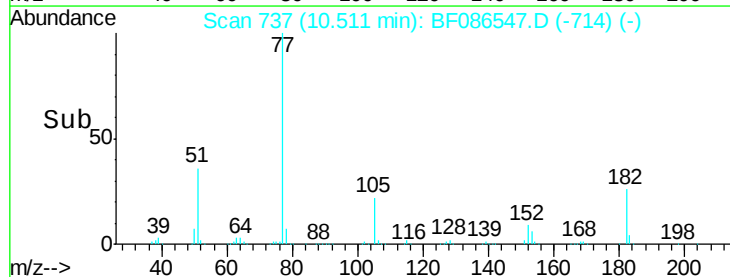
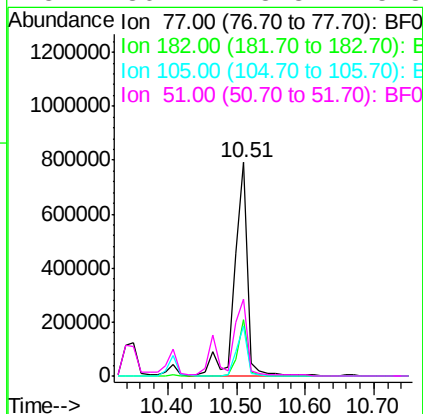
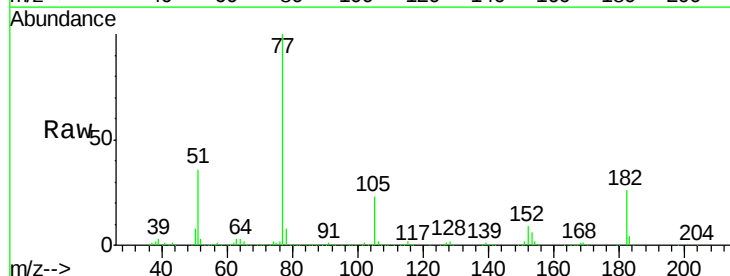
Instrument :
BNA_F
ClientSampleId :
SS5MS

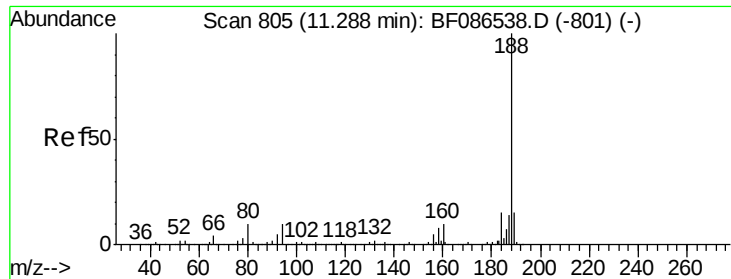
Tgt Ion: 138 Resp: 224867
Ion Ratio Lower Upper
138 100
92 47.2 24.7 64.7
108 71.1 37.4 77.4



#62
Azobenzene
Concen: 46.06 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.03 min
Lab File: BF086547.D
Acq: 1 May 2016 3:20

Tgt Ion: 77 Resp: 1022483
Ion Ratio Lower Upper
77 100
182 26.3 0.0 38.8
105 23.1 3.2 43.2
51 36.2 8.8 48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

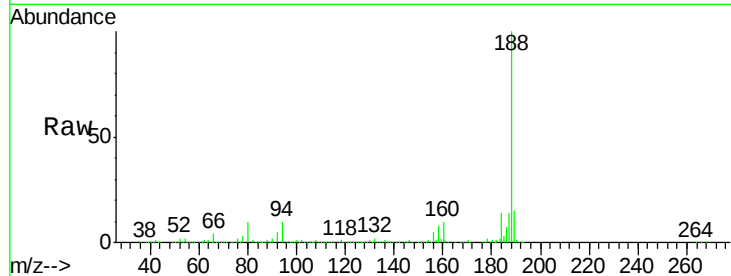
Tgt Ion:188 Resp: 563829

Ion Ratio Lower Upper

188 100

94 9.6 6.8 10.2

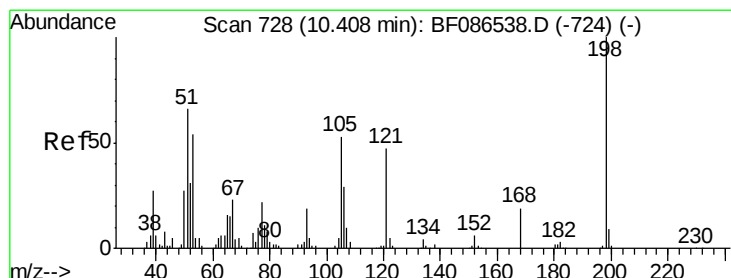
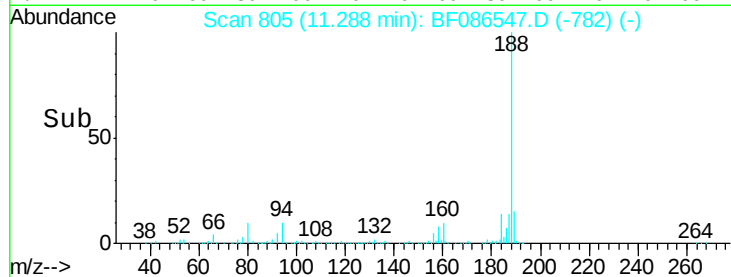
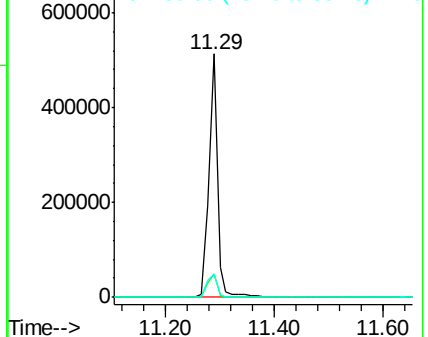
80 9.7 7.1 10.7



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: 44.09 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

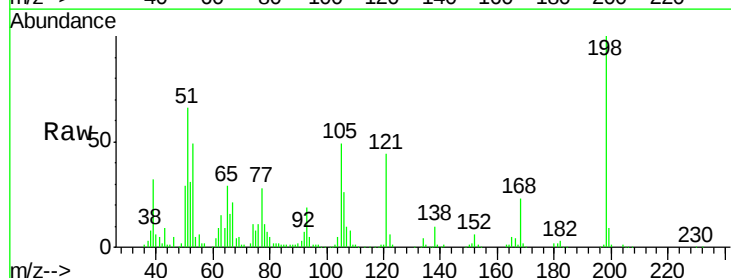
Tgt Ion:198 Resp: 145929

Ion Ratio Lower Upper

198 100

51 66.2 20.5 60.5#

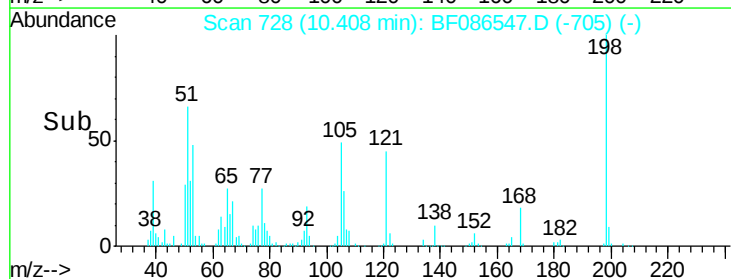
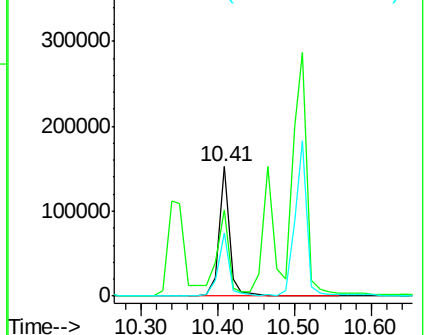
105 48.6 24.5 64.5

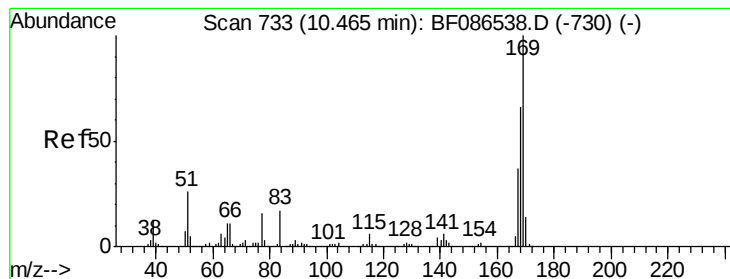


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.72 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

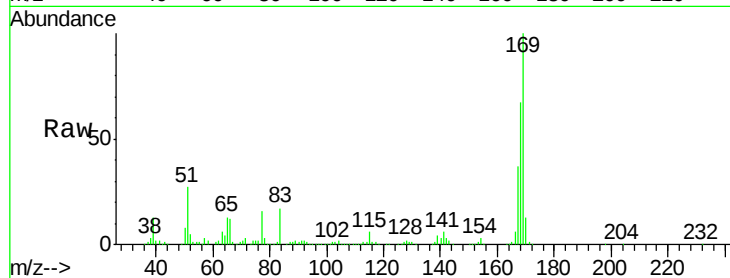
Tgt Ion:169 Resp: 682236

Ion Ratio Lower Upper

169 100

168 66.8 53.8 80.6

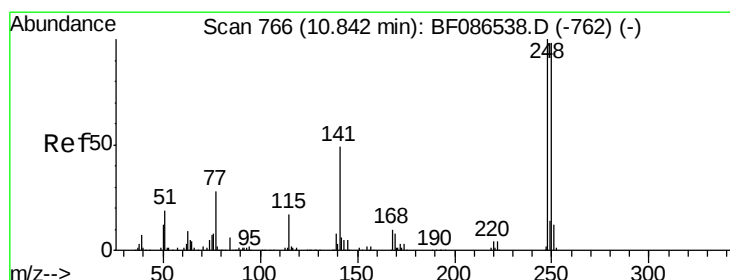
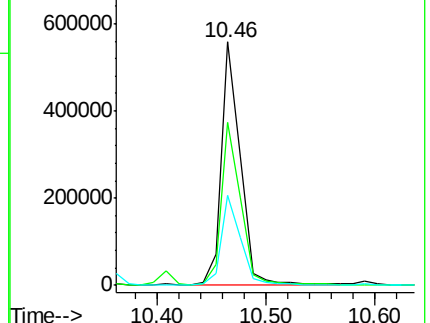
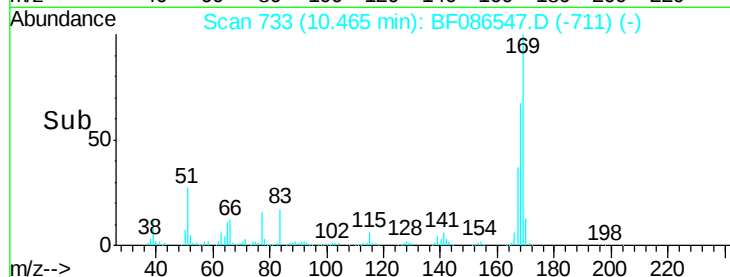
167 36.9 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.76 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

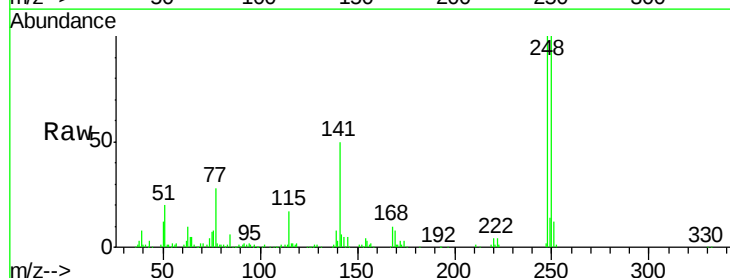
Tgt Ion:248 Resp: 225201

Ion Ratio Lower Upper

248 100

250 100.0 78.6 117.8

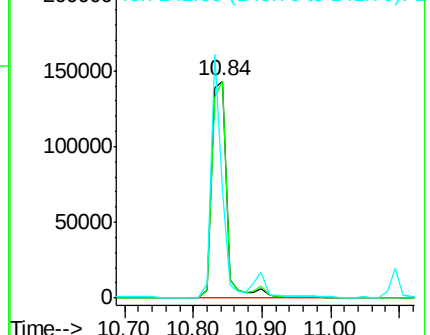
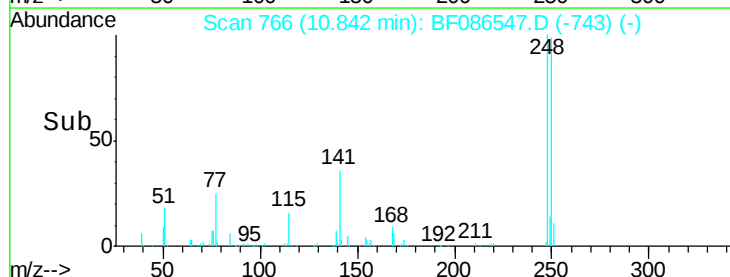
141 49.6 76.0 114.0#

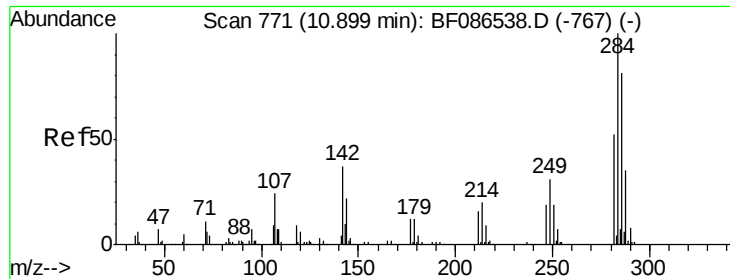


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.30 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

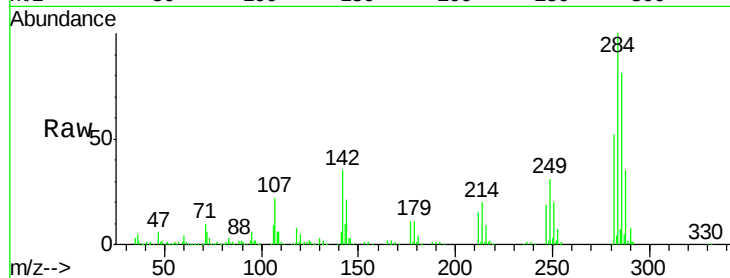
Tgt Ion:284 Resp: 250842

Ion Ratio Lower Upper

284 100

142 35.3 16.7 25.1#

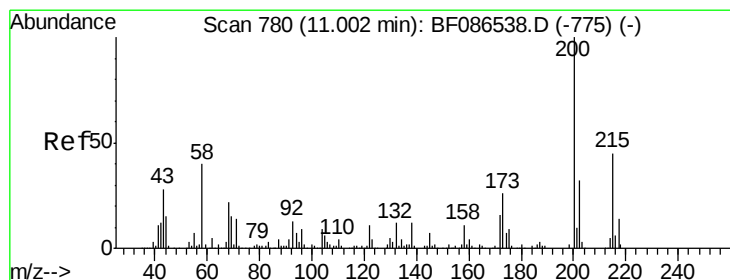
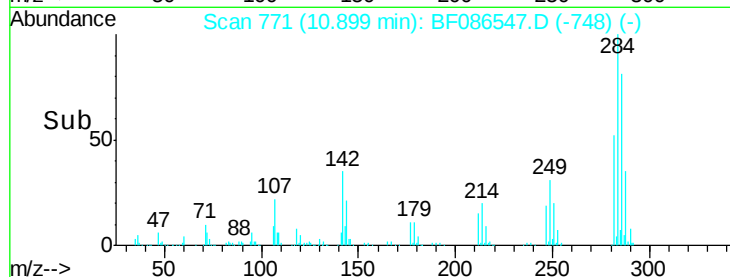
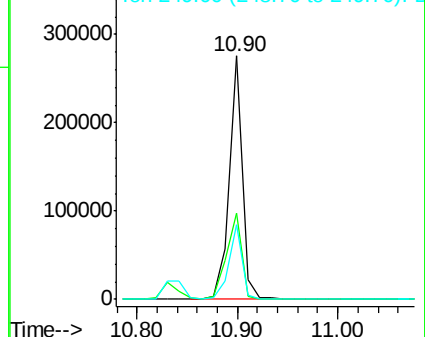
249 30.5 21.3 31.9



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: 49.56 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

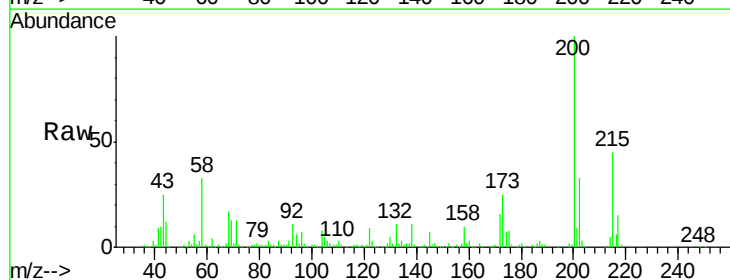
Tgt Ion:200 Resp: 262261

Ion Ratio Lower Upper

200 100

173 24.8 8.5 48.5

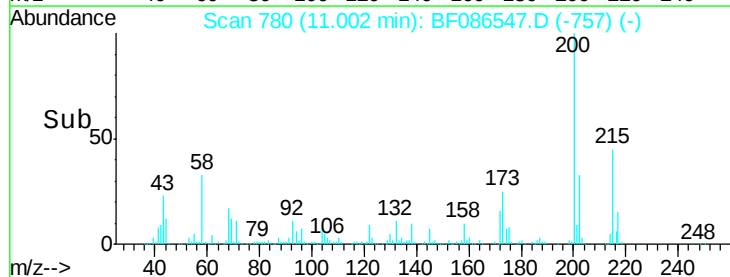
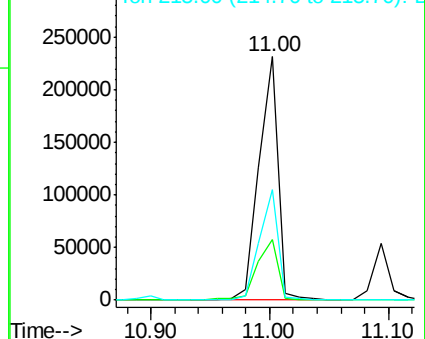
215 45.3 27.2 67.2

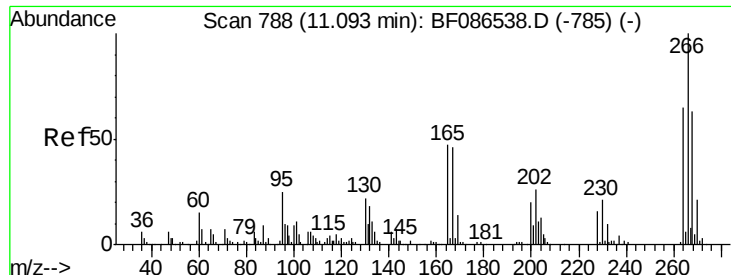


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

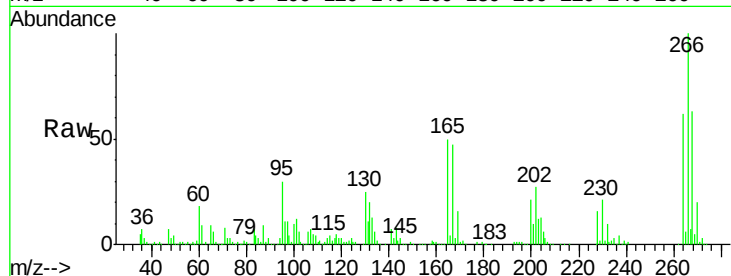




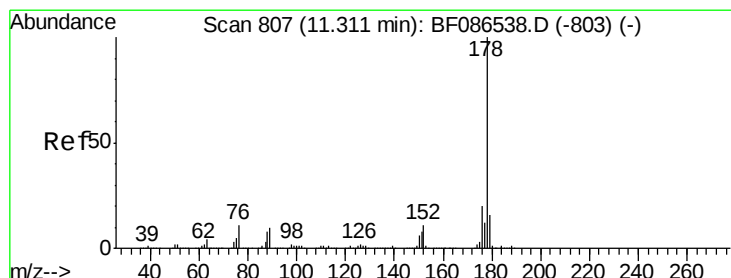
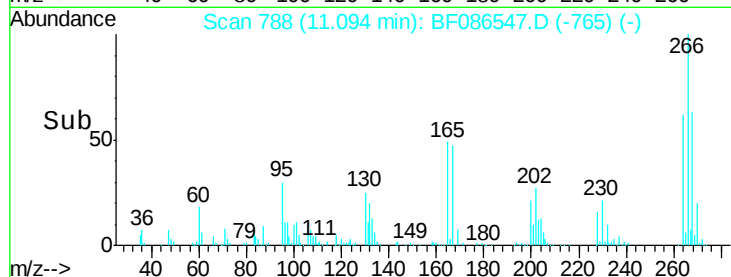
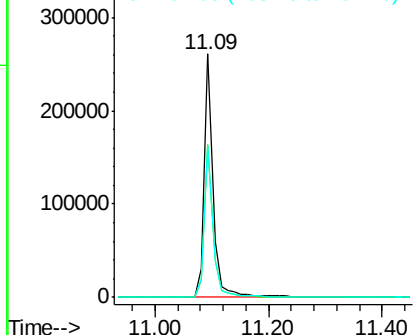
#69
 Pentachlorophenol
 Concen: 76.74 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.03 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SS5MS

Tgt Ion: 266 Resp: 272086
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.5 77.3
 264 62.4 52.9 79.3

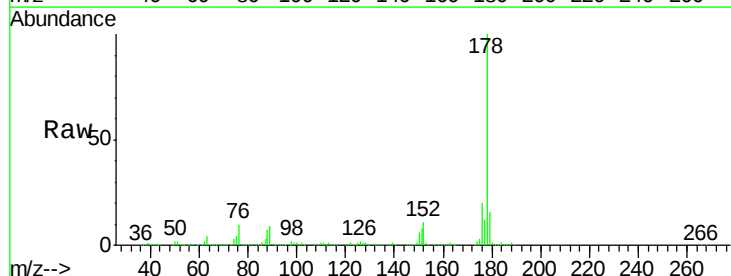


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

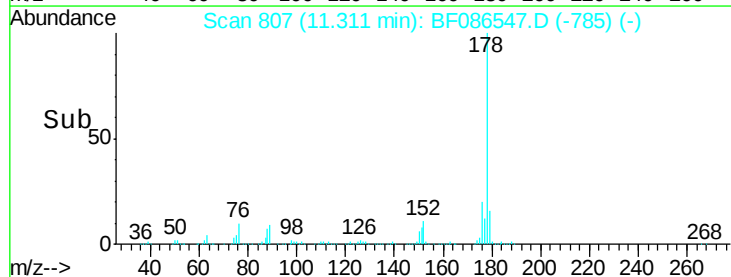
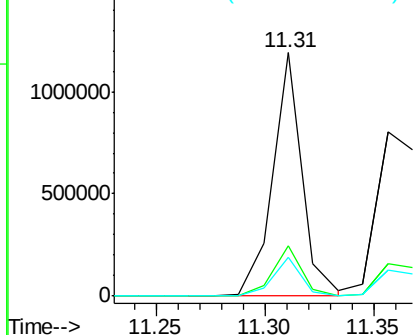


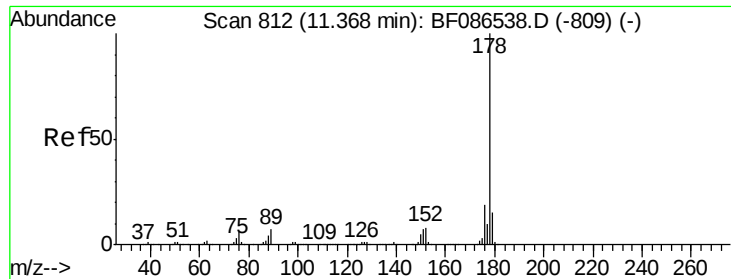
#70
 Phenanthrene
 Concen: 38.08 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Tgt Ion: 178 Resp: 1126842
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.0 24.0
 179 15.9 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

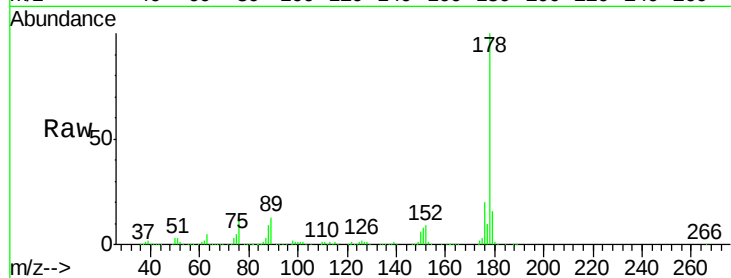




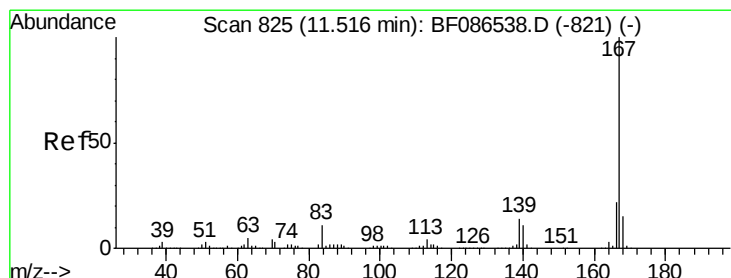
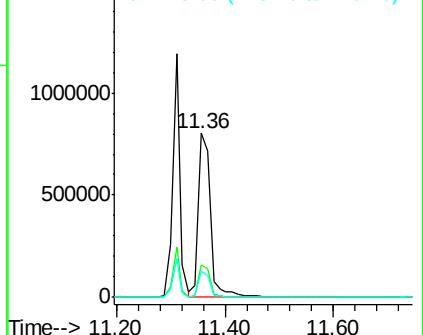
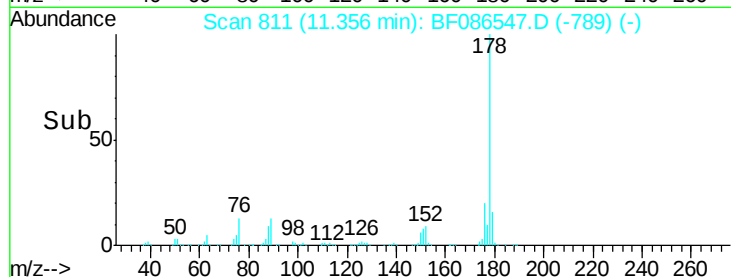
#71
 Anthracene
 Concen: 38.87 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SS5MS

Tgt Ion:178 Resp: 1227454
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 16.0 12.7 19.1

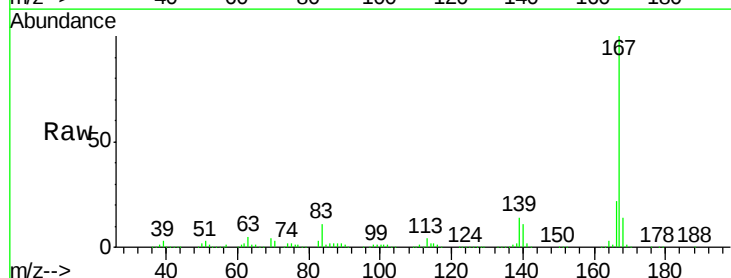


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

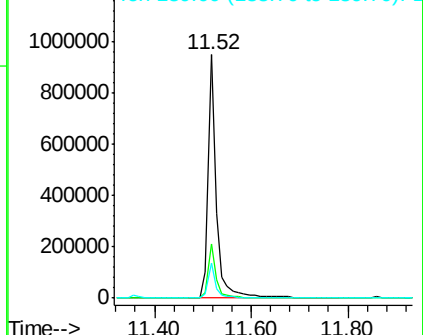
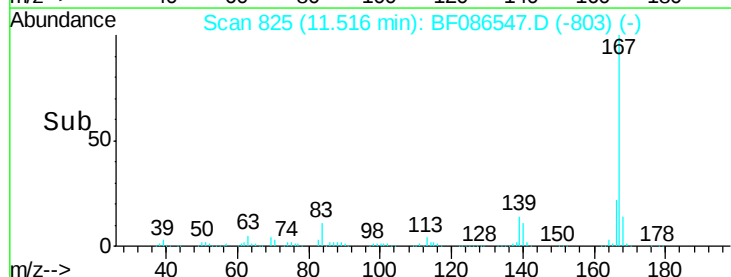


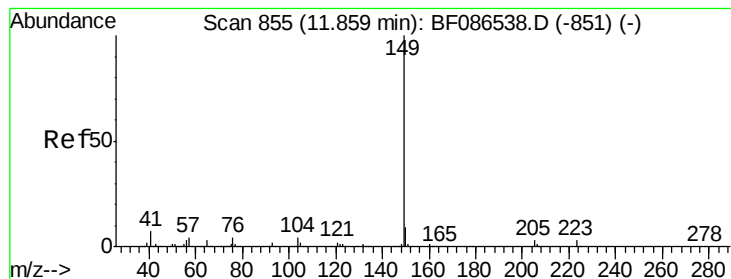
#72
 Carbazole
 Concen: 40.91 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Tgt Ion:167 Resp: 1144855
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 14.4 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: 40.66 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

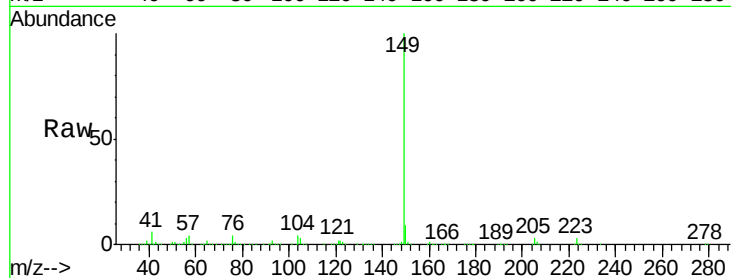
Tgt Ion:149 Resp: 1289303

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

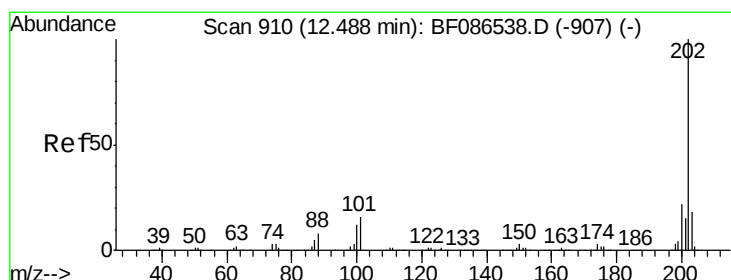
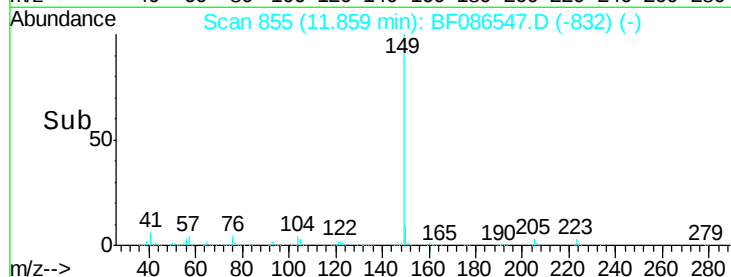
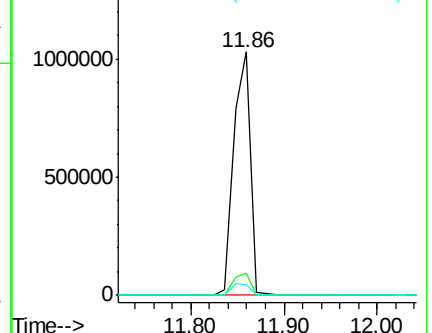
104 4.4 3.8 5.6



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: 38.29 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

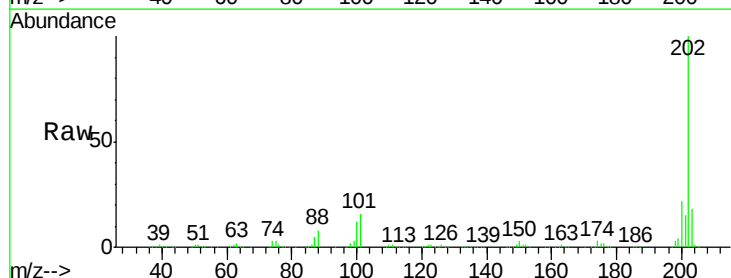
Tgt Ion:202 Resp: 1143781

Ion Ratio Lower Upper

202 100

101 16.1 0.0 35.4

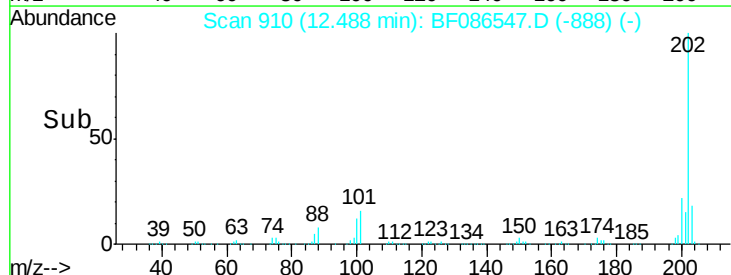
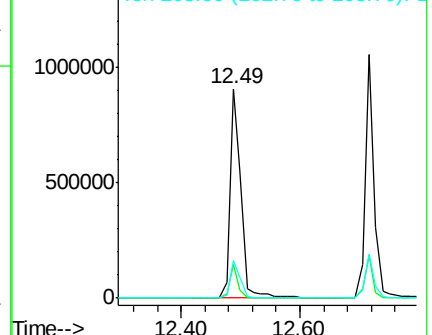
203 18.0 0.0 38.1

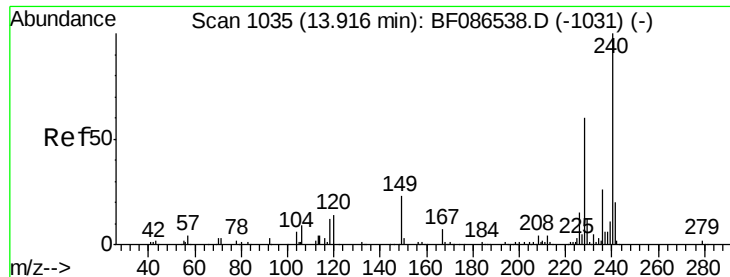


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.92 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

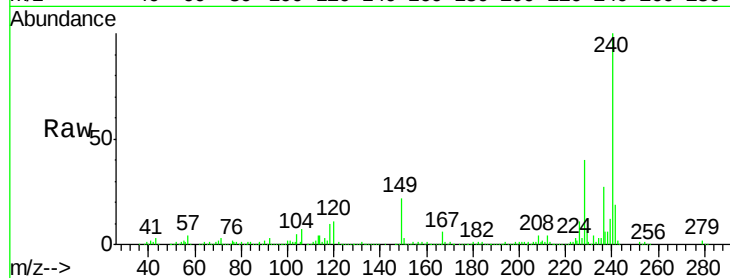
Tgt Ion:240 Resp: 386468

Ion Ratio Lower Upper

240 100

120 10.9 11.2 16.8#

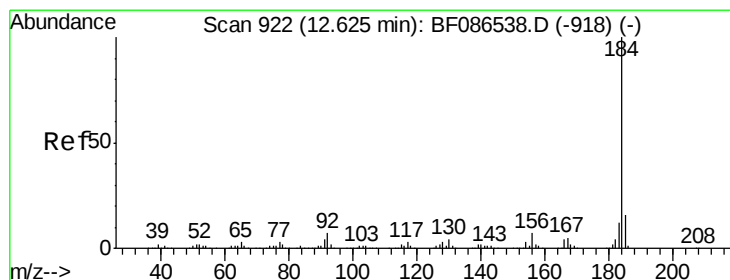
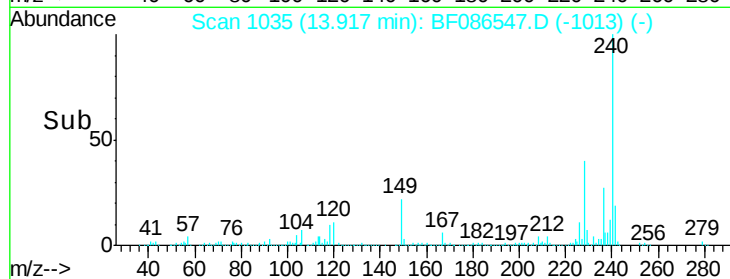
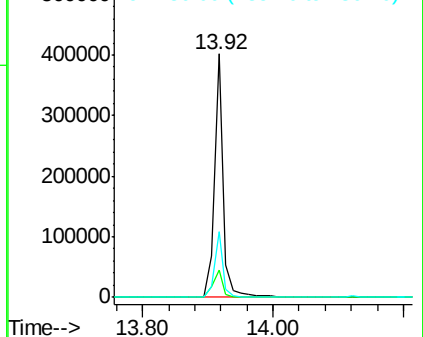
236 26.8 21.2 31.8



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: 15.24 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

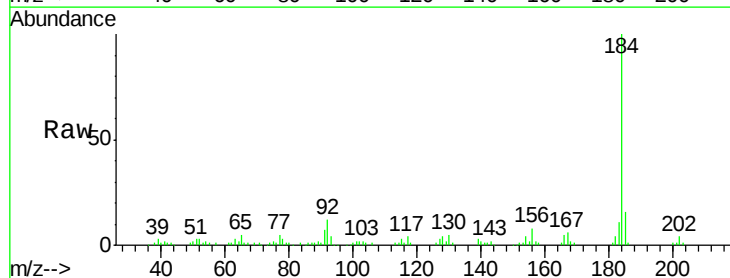
Tgt Ion:184 Resp: 202393

Ion Ratio Lower Upper

184 100

185 15.6 13.6 20.4

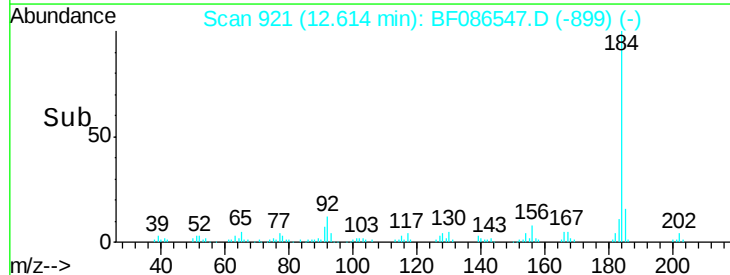
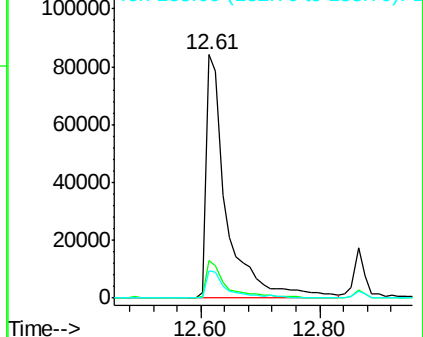
183 11.4 9.8 14.6

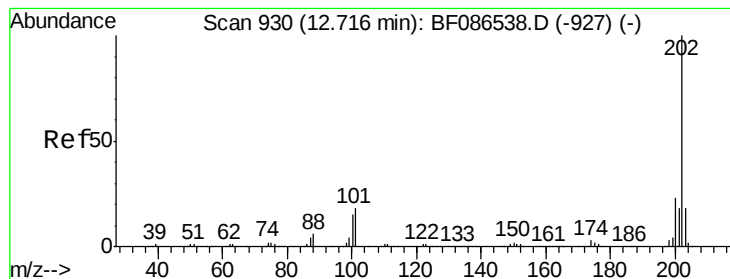


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.12 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

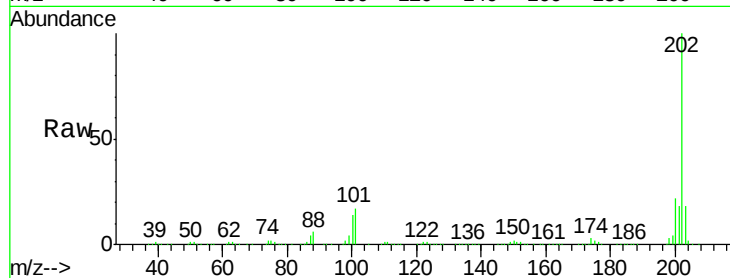
Tgt Ion:202 Resp: 1089346

Ion Ratio Lower Upper

202 100

200 22.5 17.7 26.5

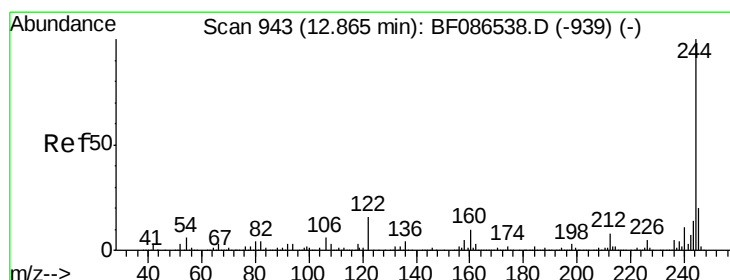
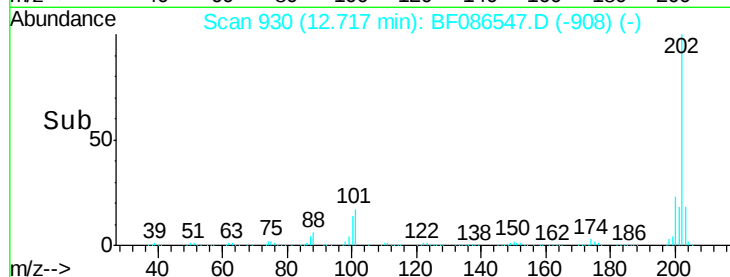
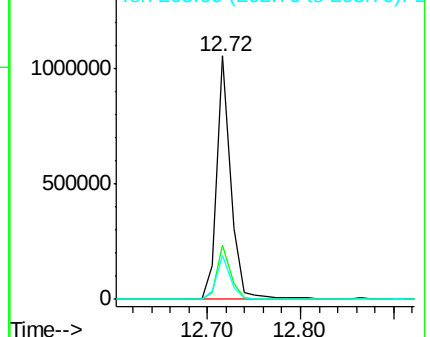
203 18.1 14.2 21.4



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: 73.75 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

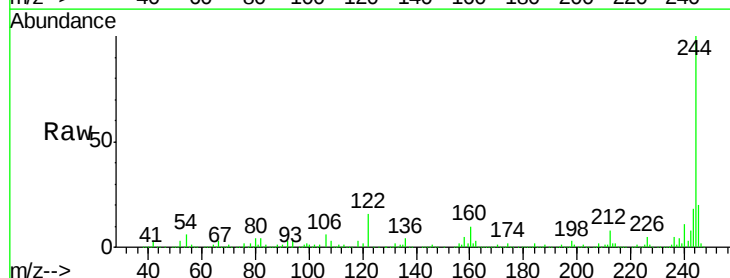
Tgt Ion:244 Resp: 1293754

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

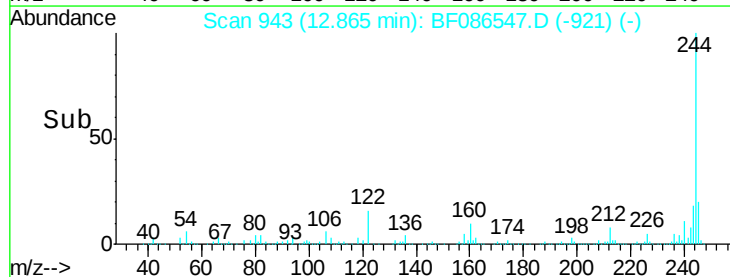
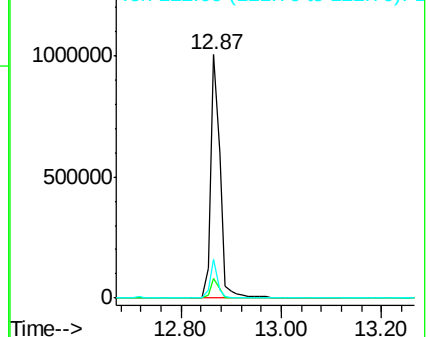
122 15.8 12.0 18.0

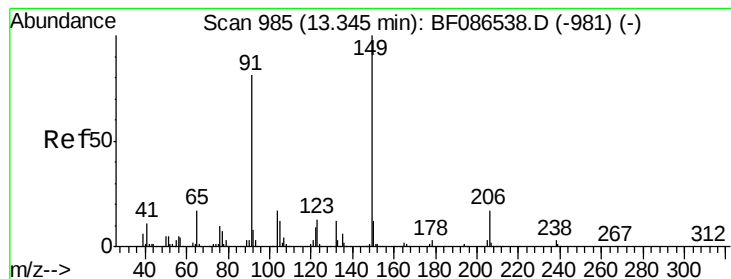


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.56 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.03 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

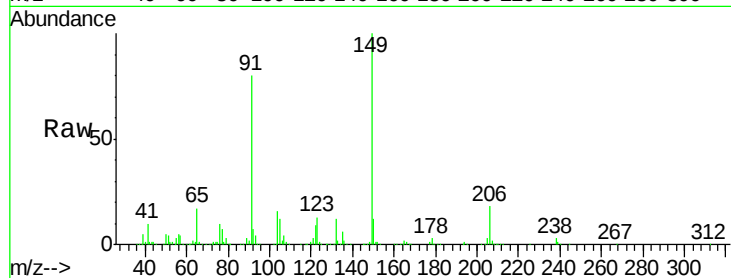
Tgt Ion:149 Resp: 501212

Ion Ratio Lower Upper

149 100

91 79.7 48.0 72.0#

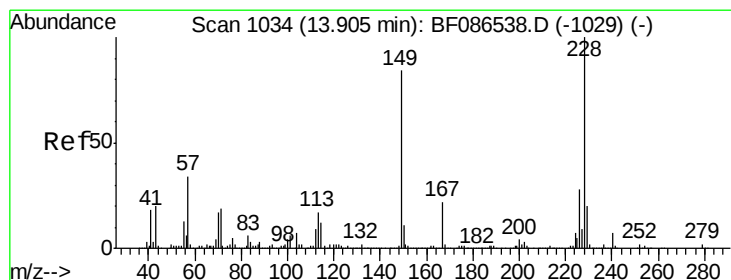
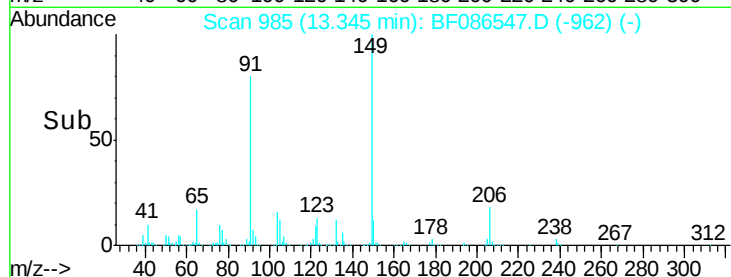
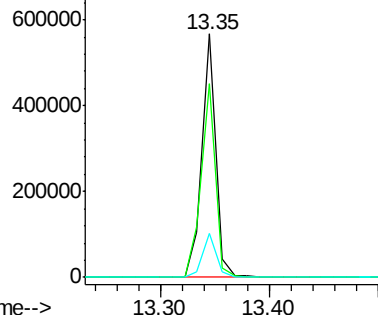
206 18.1 15.8 23.6



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: 42.13 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

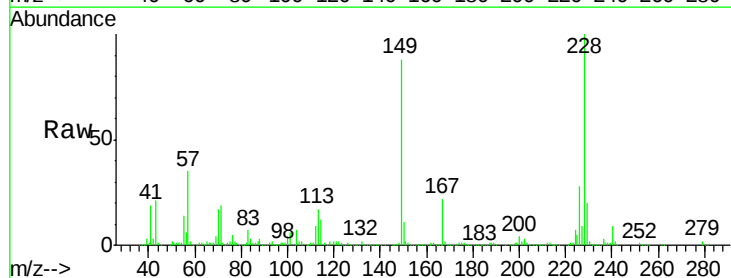
Tgt Ion:228 Resp: 868041

Ion Ratio Lower Upper

228 100

226 27.5 22.5 33.7

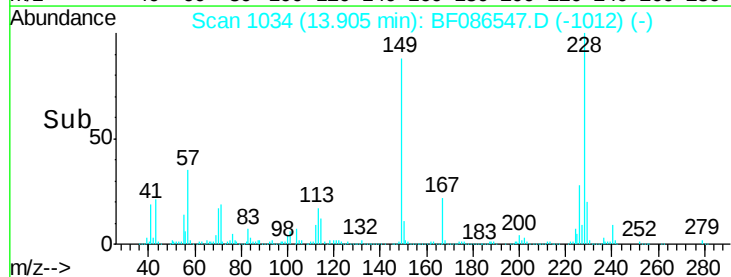
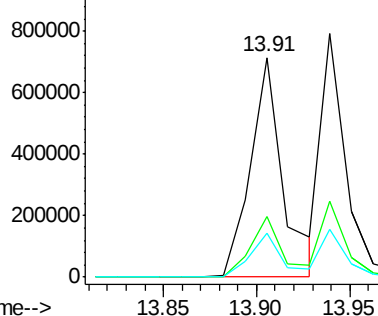
229 19.9 16.6 25.0

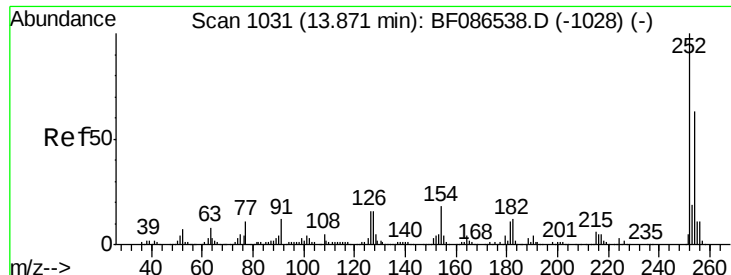


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

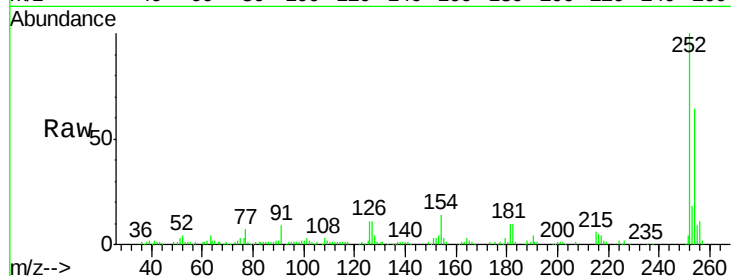




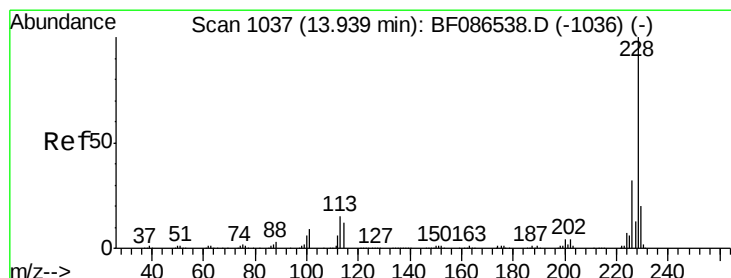
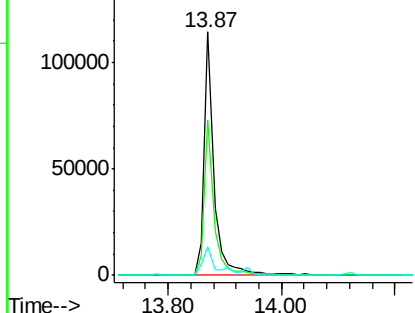
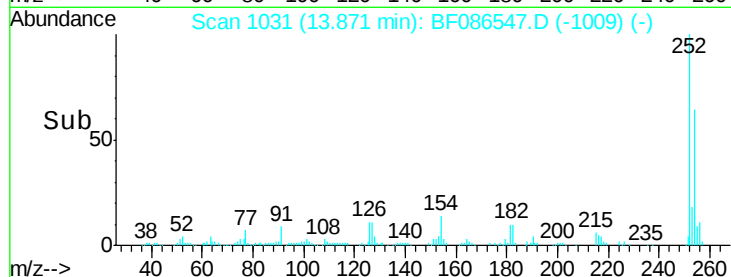
#81
 3,3'-Dichlorobenzidine
 Concen: 9.71 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SS5MS

Tgt Ion:252 Resp: 133726
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.7 76.1
 126 11.5 12.7 19.1#

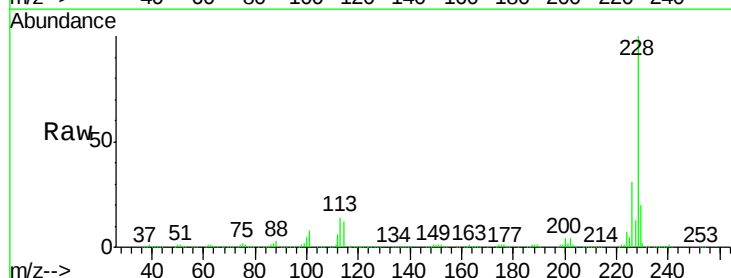


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

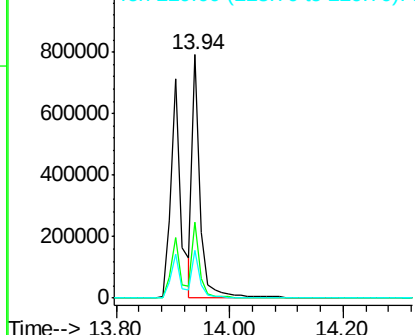
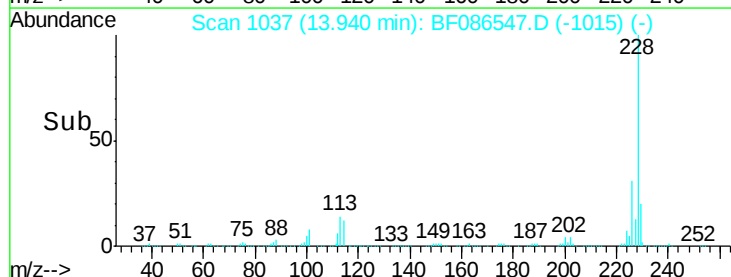


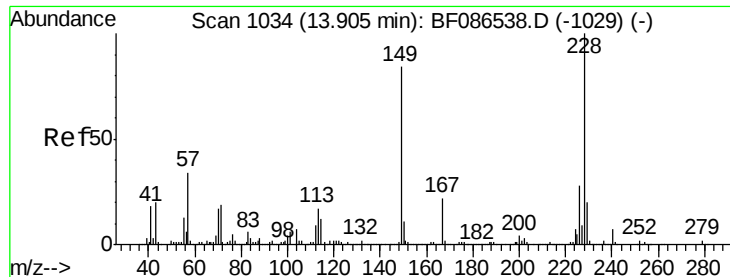
#82
 Chrysene
 Concen: 35.24 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Tgt Ion:228 Resp: 789341
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.4 36.6
 229 19.8 15.8 23.8



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

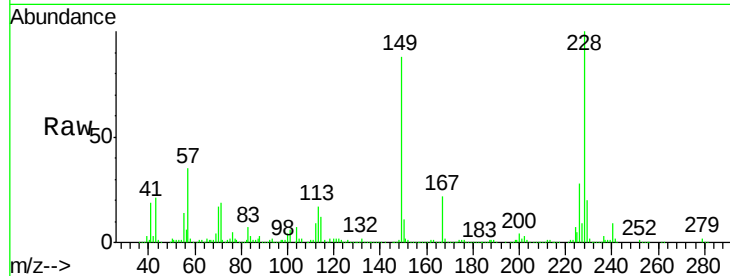




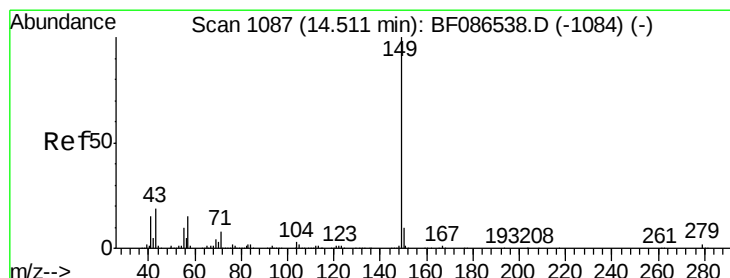
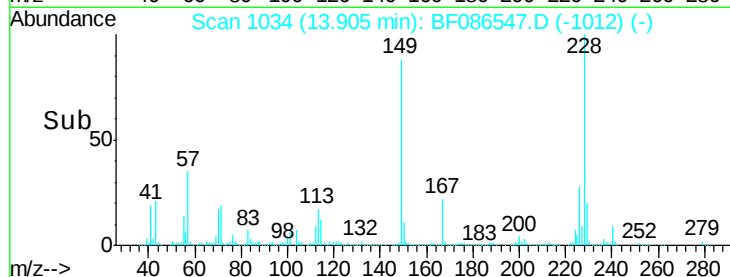
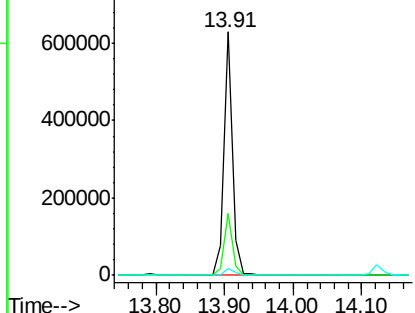
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.18 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SS5MS

Tgt Ion:149 Resp: 556679
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.8 32.6
 279 2.6 2.6 4.0#

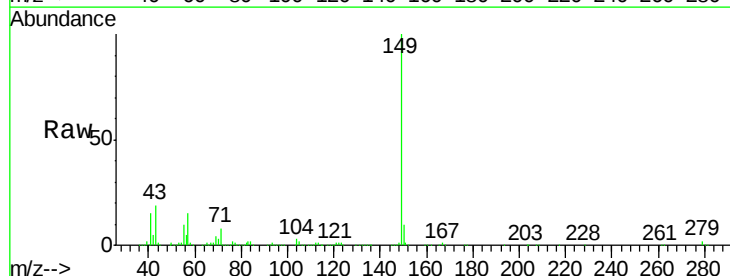


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

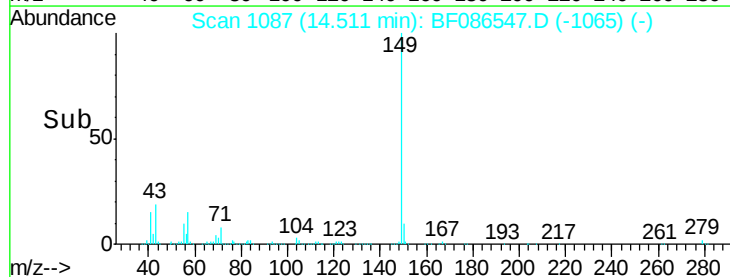
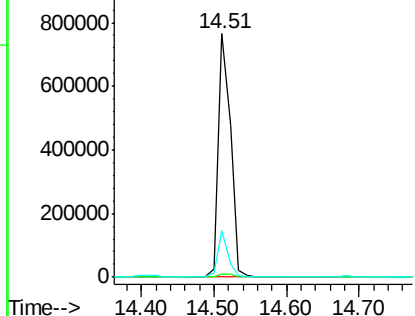


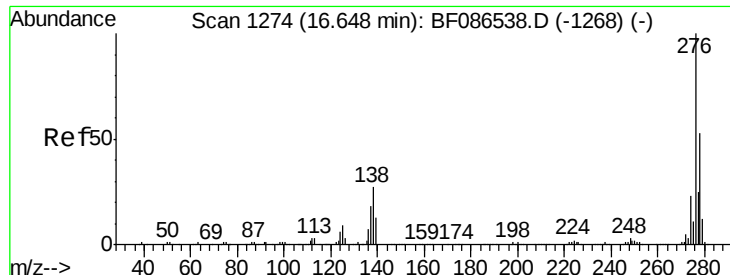
#84
 Di-n-octyl phthalate
 Concen: 38.17 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Tgt Ion:149 Resp: 894839
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 15.5 8.2 12.4#



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

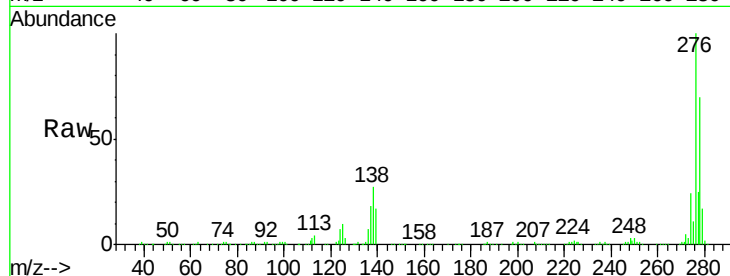




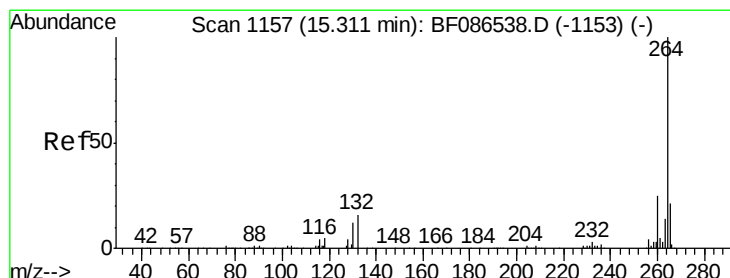
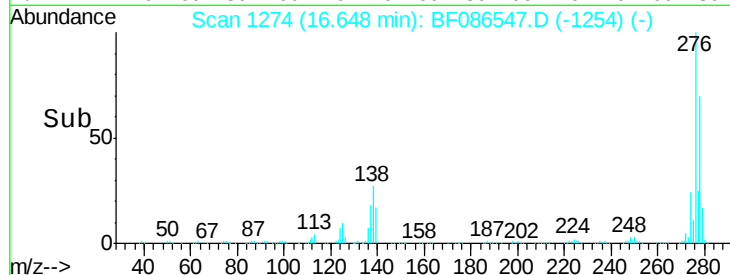
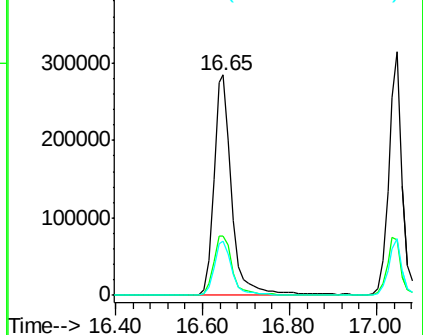
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.57 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.07 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SS5MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.6	38.4
277	25.2	20.5	30.7

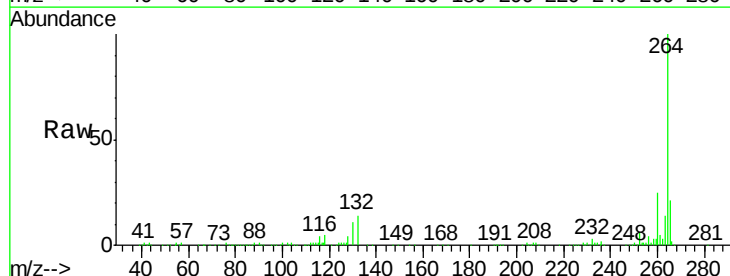


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

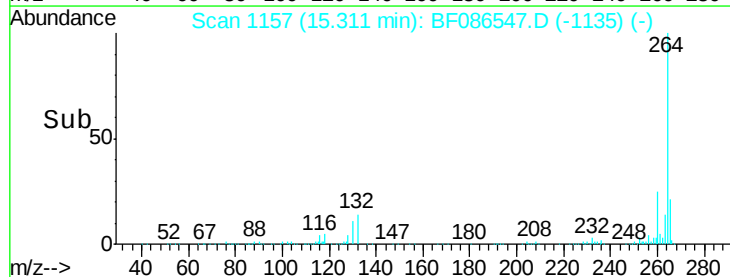
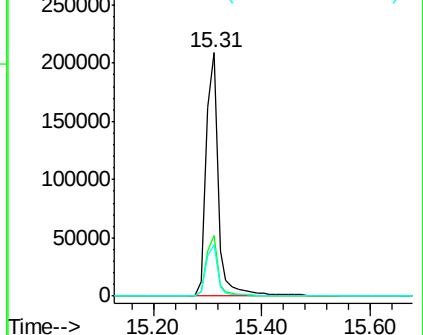


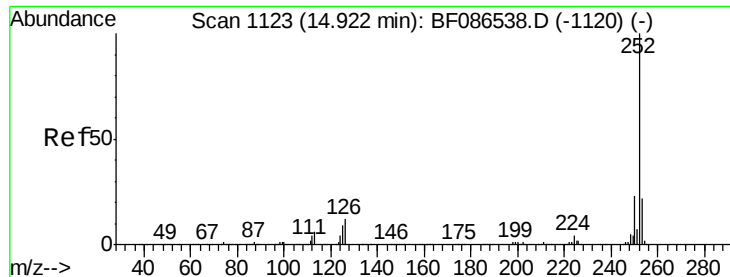
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.05 min
 Lab File: BF086547.D
 Acq: 1 May 2016 3:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.2	17.3	25.9



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





#87

Benzo(b)fluoranthene

Concen: 80.06 ng

RT: 14.95 min Scan# 1125

Delta R.T. -0.02 min

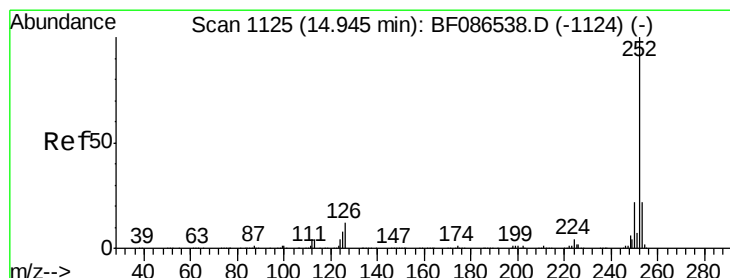
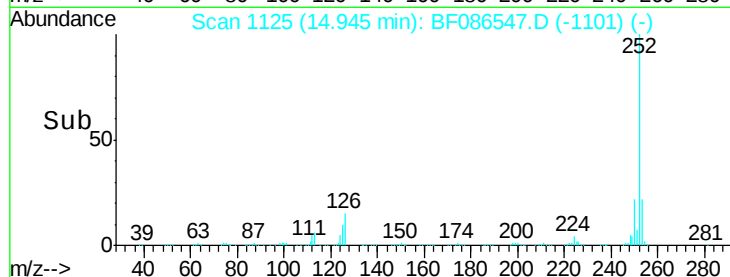
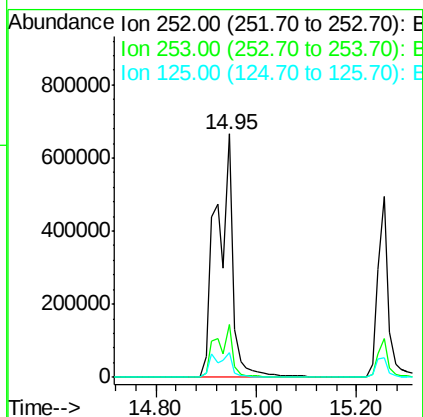
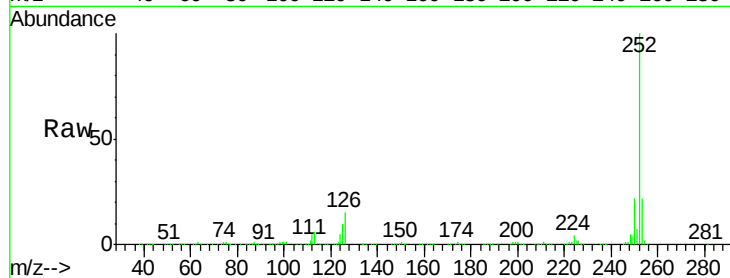
Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SS5MS

Tgt Ion:252 Resp: 1532781

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.0	11.4	17.0#



#88

Benzo(k)fluoranthene

Concen: 76.75 ng

RT: 14.95 min Scan# 1125

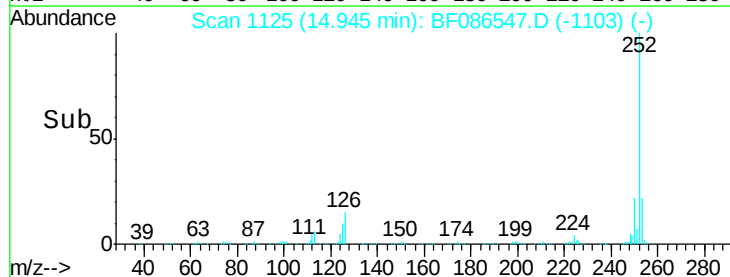
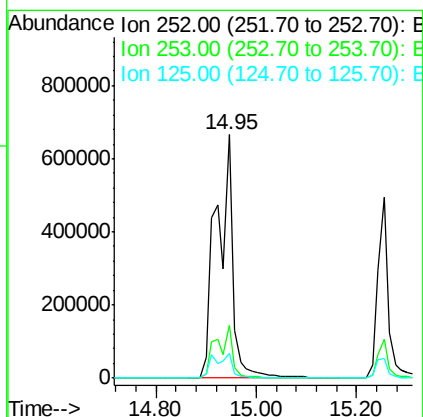
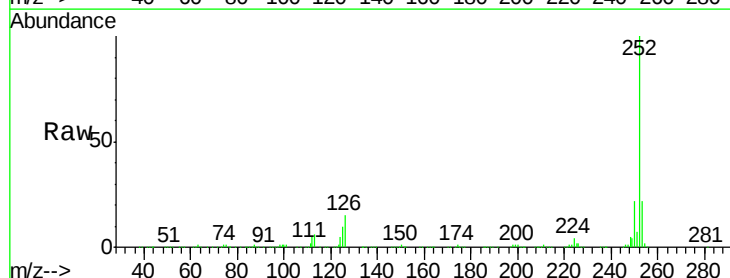
Delta R.T. -0.05 min

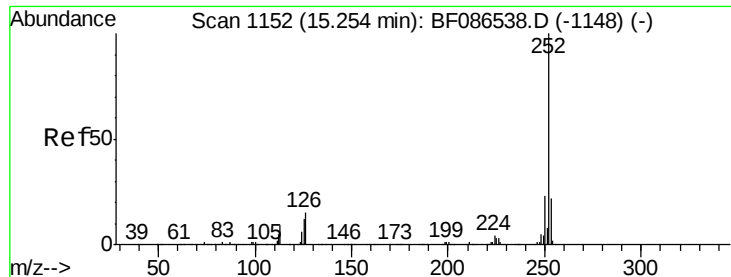
Lab File: BF086547.D

Acq: 1 May 2016 3:20

Tgt Ion:252 Resp: 1532781

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.0	9.1	13.7





#89

Benzo(a)pyrene

Concen: 40.29 ng

RT: 15.25 min Scan# 1152

Delta R.T. -0.05 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

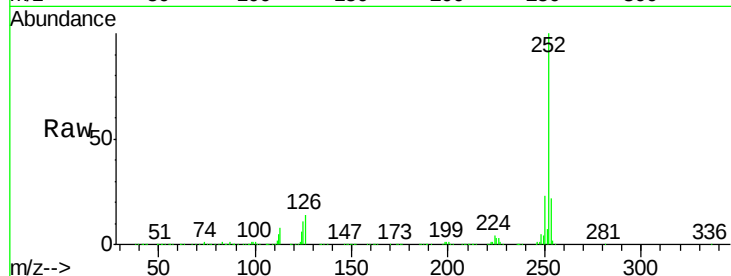
Tgt Ion:252 Resp: 728228

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

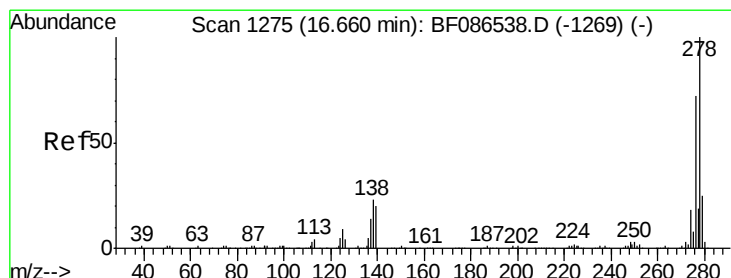
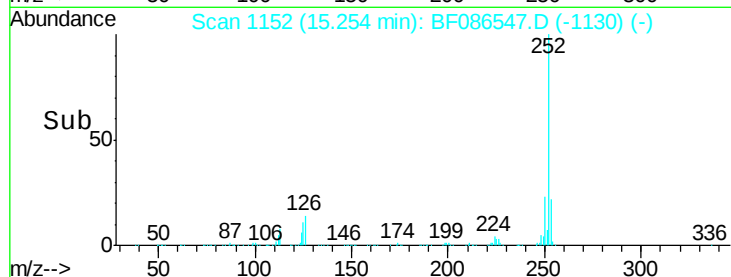
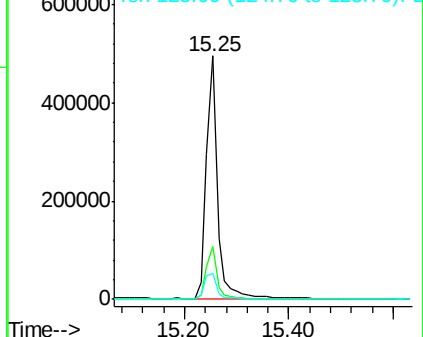
125 10.6 9.0 13.6



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: 47.22 ng

RT: 16.66 min Scan# 1275

Delta R.T. -0.08 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

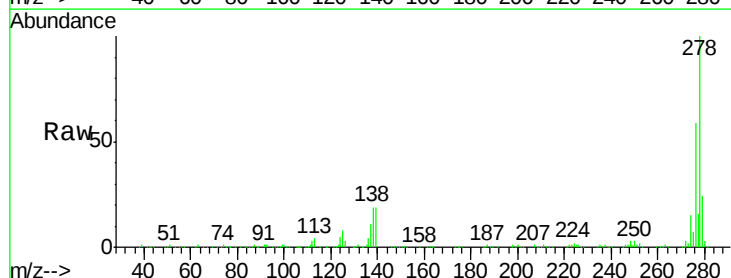
Tgt Ion:278 Resp: 698449

Ion Ratio Lower Upper

278 100

139 18.8 16.6 24.8

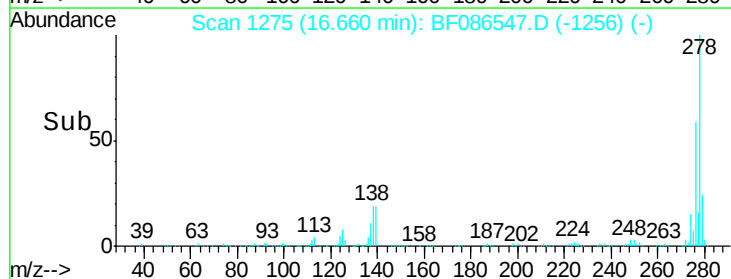
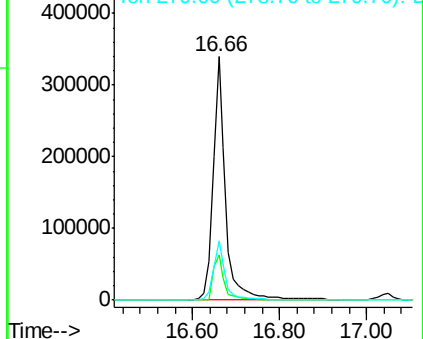
279 24.2 19.6 29.4

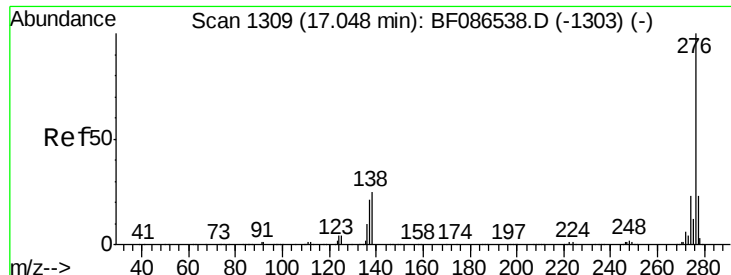


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 46.75 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.08 min

Lab File: BF086547.D

Acq: 1 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SS5MS

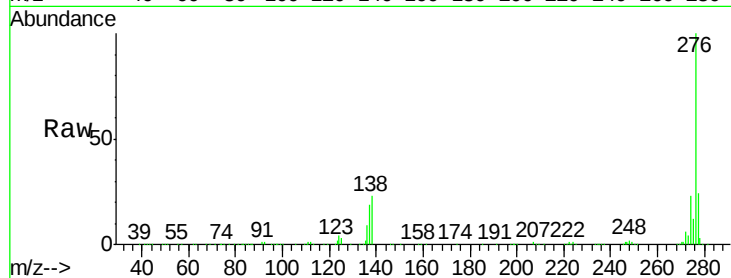
Tgt Ion:276 Resp: 693064

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 22.7 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

