

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050616\
 Data File : BF086755.D
 Acq On : 7 May 2016 6:08
 Operator : UM/SJ
 Sample : PB90362BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 07 06:35:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 03:18:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	165511	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	678103	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	322707	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	545415	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	357221	40.00	ng	-0.01
86) Perylene-d12	15.23	264	330073	40.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	1218307	121.86	ng	0.00
7) Phenol-d6	6.37	99	1543575	114.62	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1046573	79.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	361350	114.47	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1583867	80.45	ng	-0.01
78) Terphenyl-d14	12.81	244	1590179	89.97	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.32	88	151619	29.34	ng	# 76
3) Pyridine	3.04	79	429341	33.88	ng	# 67
4) n-Nitrosodimethylamine	2.94	42	319735	41.60	ng	# 50
6) Aniline	6.38	93	281796	16.95	ng	# 1
8) 2-Chlorophenol	6.50	128	472207	39.36	ng	95
9) Benzaldehyde	6.26	77	49548	7.37	ng	97
10) Phenol	6.38	94	657577	44.63	ng	80
11) bis(2-Chloroethyl)ether	6.45	93	469682	37.04	ng	90
12) 1,3-Dichlorobenzene	6.65	146	486202	38.17	ng	99
13) 1,4-Dichlorobenzene	6.73	146	477152	36.22	ng	100
14) 1,2-Dichlorobenzene	6.88	146	451607	39.37	ng	99
15) Benzyl Alcohol	6.86	79	371175	42.60	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	6.99	45	962645	37.13	ng	52
17) 2-Methylphenol	6.99	107	387155	40.08	ng	# 84
18) Hexachloroethane	7.22	117	192085	38.63	ng	# 84
19) n-Nitroso-di-n-propylamine	7.14	70	384074	41.74	ng	# 75
20) 3+4-Methylphenols	7.15	107	489903	43.31	ng	# 59
22) Acetophenone	7.13	105	651488	41.23	ng	99
24) Nitrobenzene	7.30	77	553199	40.55	ng	98
25) Isophorone	7.54	82	940841	38.29	ng	98
26) 2-Nitrophenol	7.62	139	252774	41.53	ng	94
27) 2,4-Dimethylphenol	7.66	122	411641	38.51	ng	88
28) bis(2-Chloroethoxy)methane	7.76	93	590028	43.62	ng	98
29) 2,4-Dichlorophenol	7.86	162	375856	40.90	ng	94
30) 1,2,4-Trichlorobenzene	7.94	180	417906	40.76	ng	100
31) Naphthalene	8.02	128	1352425	39.04	ng	99
32) Benzoic acid	7.82	122	262892	60.41	ng	# 84
33) 4-Chloroaniline	8.08	127	129402	9.64	ng	# 94
34) Hexachlorobutadiene	8.13	225	238217	40.92	ng	99
35) Caprolactam	8.52	113	23431	8.24	ng	# 64
36) 4-Chloro-3-methylphenol	8.58	107	448920	42.82	ng	97
37) 2-Methylnaphthalene	8.70	142	863962	42.27	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	369121	39.52	ng	98
40) Hexachlorocyclopentadiene	8.85	237	425325	97.35	ng	96

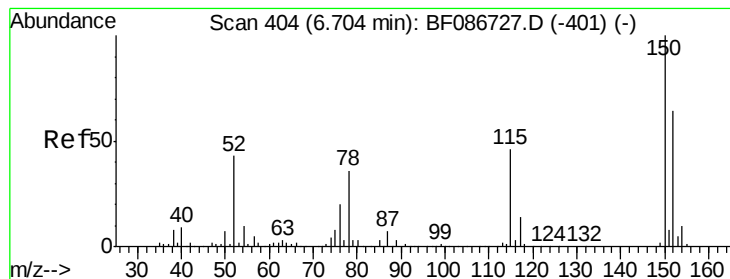
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	253321	42.65	nq	95
43) 2,4,5-Trichlorophenol	9.05	196	263704	42.50	nq	93
45) 1,1'-Biphenyl	9.17	154	1134209	42.99	nq	99
46) 2-Chloronaphthalene	9.20	162	836551	41.09	nq	98
47) 2-Nitroaniline	9.30	65	275940	38.12	nq	# 75
48) Acenaphthylene	9.61	152	1259179	41.66	nq	99
49) Dimethylphthalate	9.48	163	918461	38.18	nq	100
50) 2,6-Dinitrotoluene	9.54	165	191327	37.06	nq	# 68
51) Acenaphthene	9.78	154	801315	40.19	nq	98
52) 3-Nitroaniline	9.71	138	91620	15.61	nq	# 78
53) 2,4-Dinitrophenol	9.82	184	178962	82.62	nq	# 82
54) Dibenzofuran	9.95	168	1068461	43.24	nq	95
55) 4-Nitrophenol	9.90	139	240114	70.17	nq	84
56) 2,4-Dinitrotoluene	9.95	165	263115	41.12	nq	# 83
57) Fluorene	10.29	166	897239	44.80	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	229933	50.45	nq	99
59) Diethylphthalate	10.18	149	918078	40.32	nq	99
60) 4-Chlorophenyl-phenylether	10.28	204	357137	37.51	nq	98
61) 4-Nitroaniline	10.33	138	201391	35.71	nq	# 68
62) Azobenzene	10.44	77	1062843	42.12	nq	86
64) 4,6-Dinitro-2-methylphenol	10.35	198	133655	48.35	nq	# 46
65) n-Nitrosodiphenylamine	10.41	169	710870	41.05	nq	100
66) 4-Bromophenyl-phenylether	10.77	248	248815	45.91	nq	91
67) Hexachlorobenzene	10.83	284	257464	38.95	nq	# 67
68) Atrazine	10.94	200	255555	48.15	nq	95
69) Pentachlorophenol	11.04	266	283811	87.86	nq	99
70) Phenanthrene	11.24	178	1201214	41.00	nq	99
71) Anthracene	11.30	178	1291545	42.10	nq	100
72) Carbazole	11.46	167	1071184	40.21	nq	99
73) Di-n-butylphthalate	11.79	149	1280478	40.49	nq	# 98
74) Fluoranthene	12.43	202	1279414	43.58	nq	95
76) Benzidine	12.57	184	312409	34.30	nq	95
77) Pyrene	12.66	202	1301568	45.70	nq	99
79) Butylbenzylphthalate	13.29	149	596172	49.98	nq	95
80) Benzo(a)anthracene	13.84	228	905667	44.83	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	144652	11.39	nq	# 96
82) Chrysene	13.88	228	1003220	46.55	nq	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	720099	52.17	nq	# 100
84) Di-n-octyl phthalate	14.45	149	1292844	63.65	nq	# 85
85) Indeno(1,2,3-cd)pyrene	16.53	276	801133	43.32	nq	96
87) Benzo(b)fluoranthene	14.88	252	1748549	88.16	nq	# 95
88) Benzo(k)fluoranthene	14.88	252	1750803	93.69	nq	# 97
89) Benzo(a)pyrene	15.17	252	771323	42.22	nq	98
90) Dibenzo(a,h)anthracene	16.55	278	670194	38.19	nq	# 94
91) Benzo(g,h,i)perylene	16.92	276	643397	34.92	nq	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

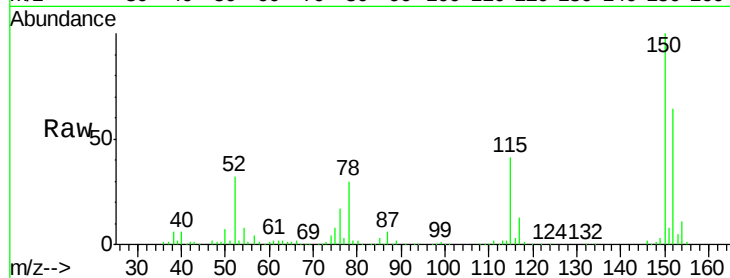
Tot Ion:152 Resp: 165511

Ion Ratio Lower Upper

152 100

150 156.9 125.8 188.6

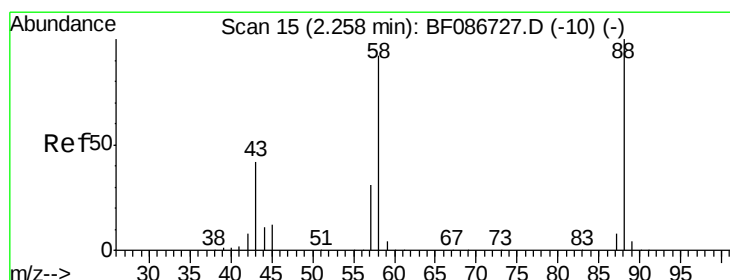
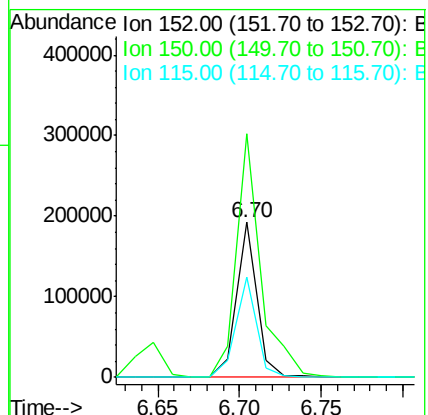
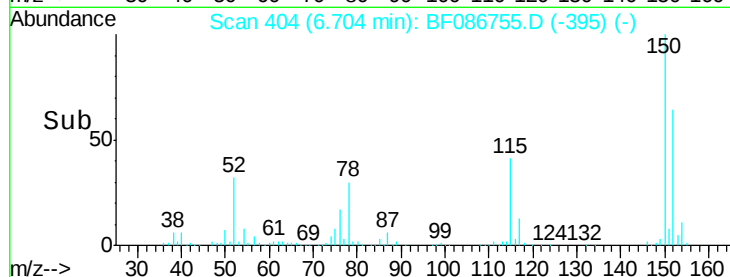
115 64.3 51.5 77.3



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: 29.34 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.06 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

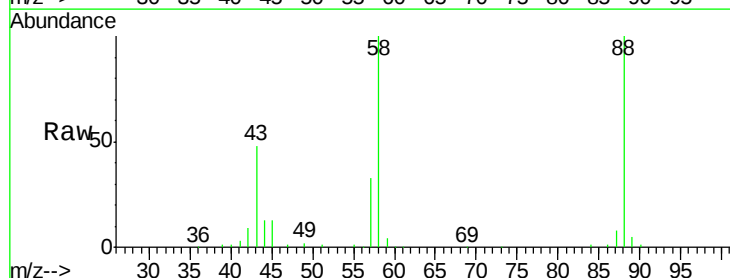
Tgt Ion: 88 Resp: 151619

Ion Ratio Lower Upper

88 100

58 94.0 59.6 89.4#

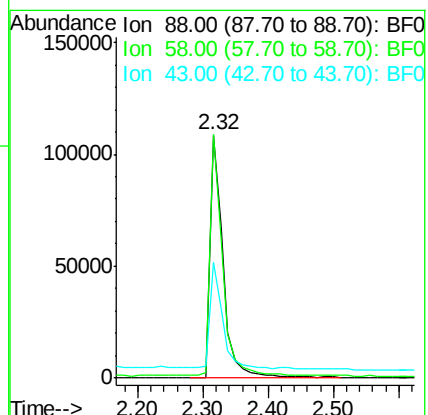
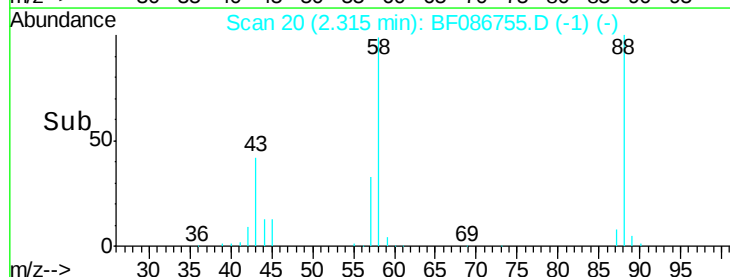
43 40.6 21.8 32.6#

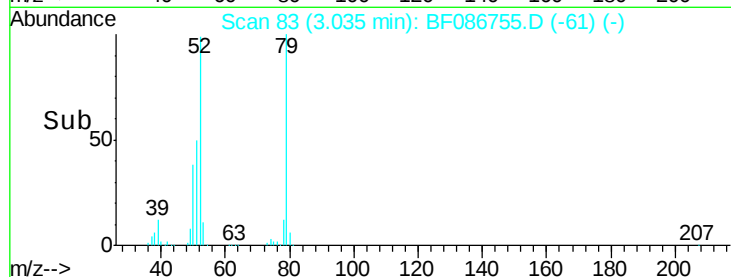
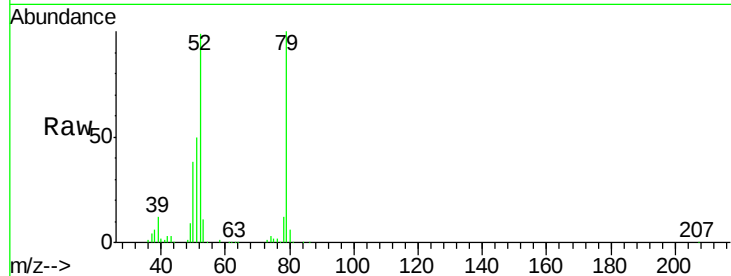
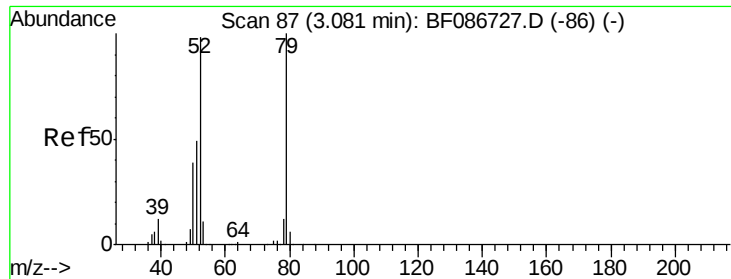


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

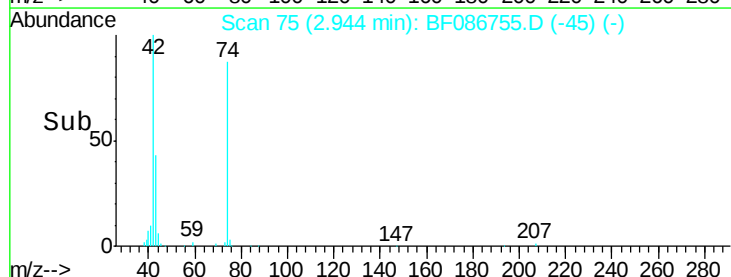
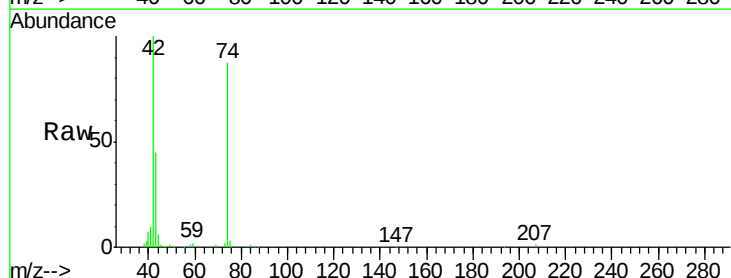
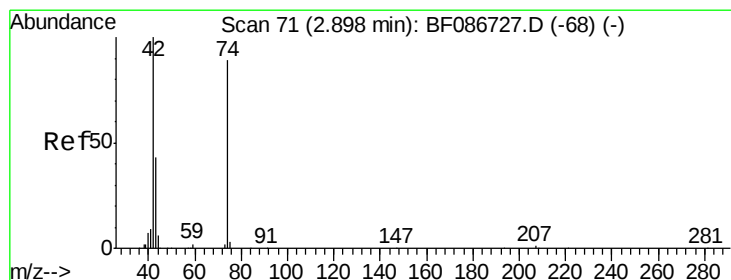
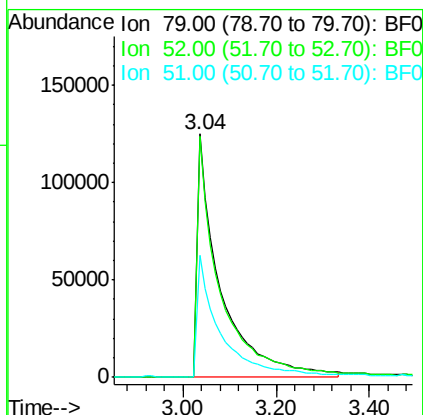




#3
 Pvridine
 Concen: 33.88 ng
 RT: 3.04 min Scan# 83
 Delta R.T. -0.05 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

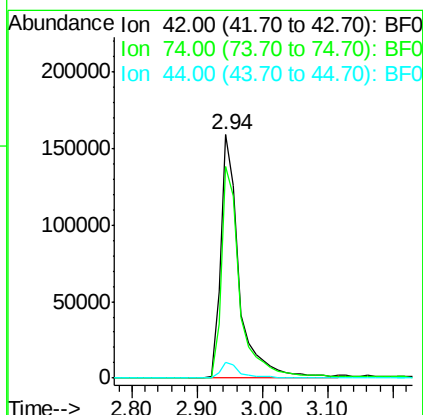
Instrument :
 BNA_F
 ClientSampleId :

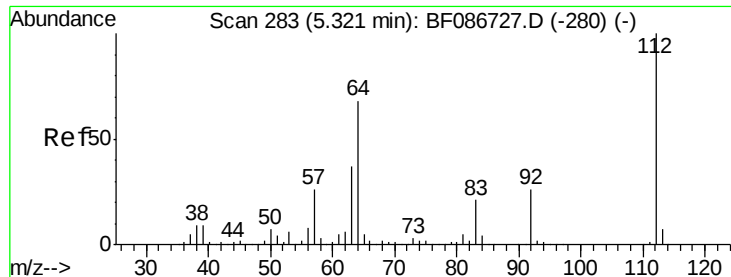
Tot Ion	Ratio	Lower	Upper
79	100		
52	99.2	55.9	83.9#
51	50.4	28.1	42.1#



#4
 n-Nitrosodimethylamine
 Concen: 41.60 ng
 RT: 2.94 min Scan# 75
 Delta R.T. 0.05 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Lower	Upper
42	100		
74	86.7	123.4	185.0#
44	6.4	5.8	8.6





#5

2-Fluorophenol

Concen: 121.86 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampled :

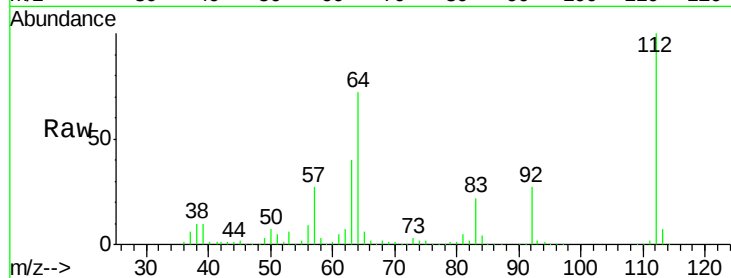
Tot Ion:112 Resp: 1218307

Ion Ratio Lower Upper

112 100

64 72.3 52.1 78.1

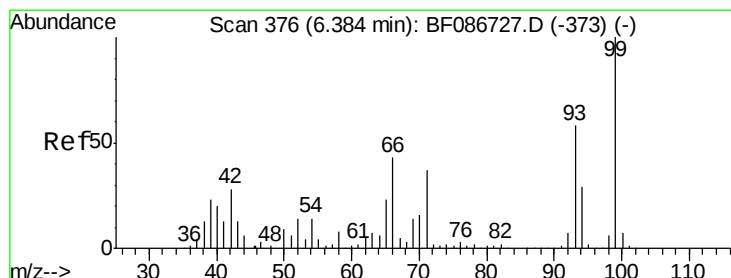
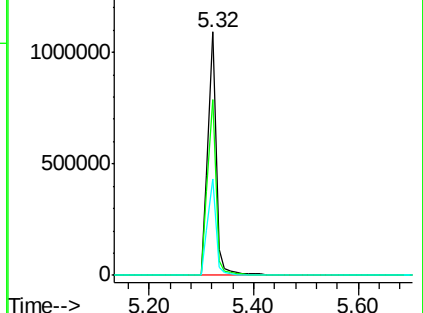
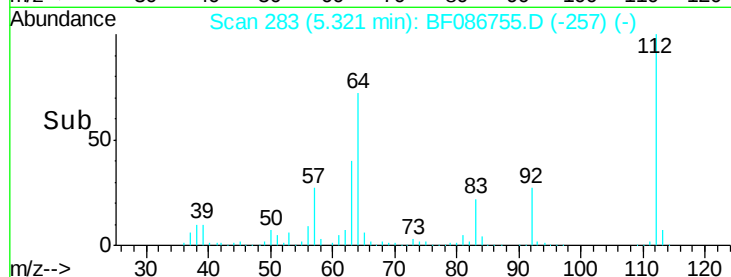
63 39.7 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.95 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

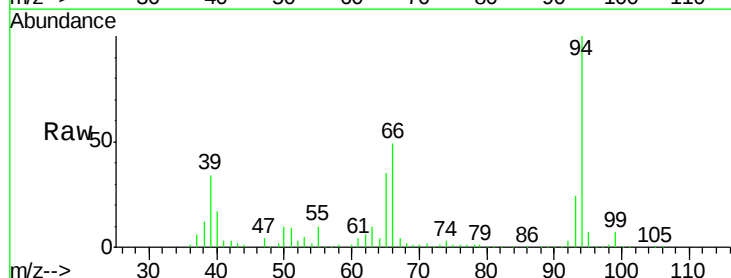
Tgt Ion: 93 Resp: 281796

Ion Ratio Lower Upper

93 100

66 204.0 39.0 58.6#

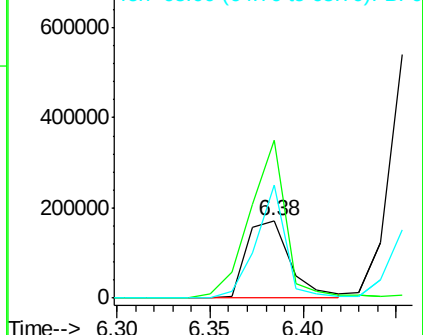
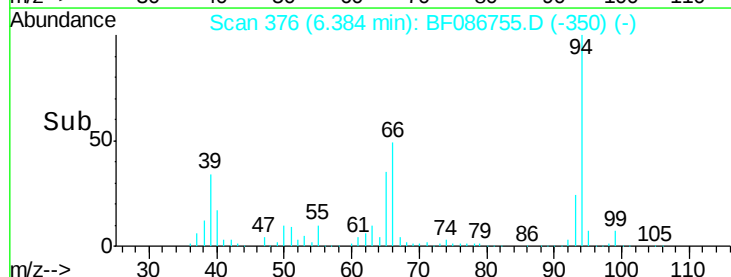
65 147.0 20.6 31.0#

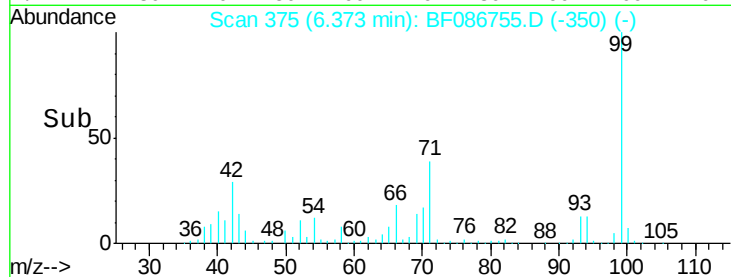
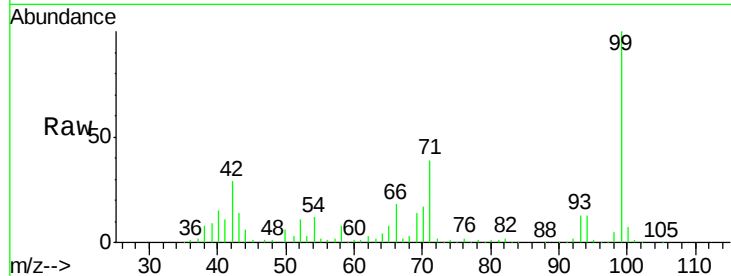
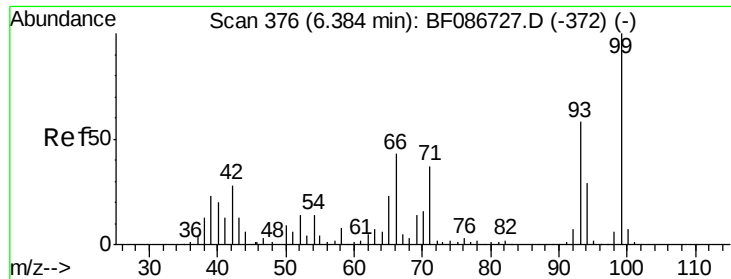


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.62 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

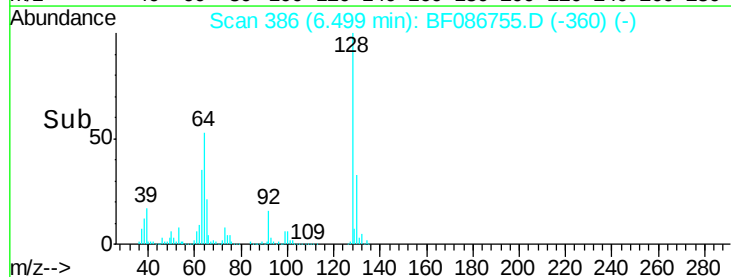
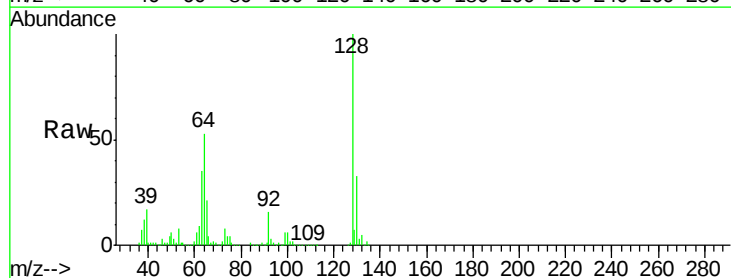
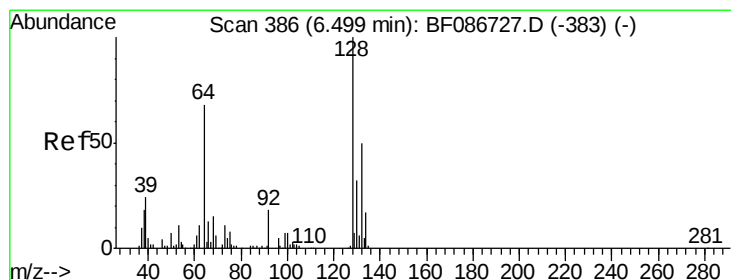
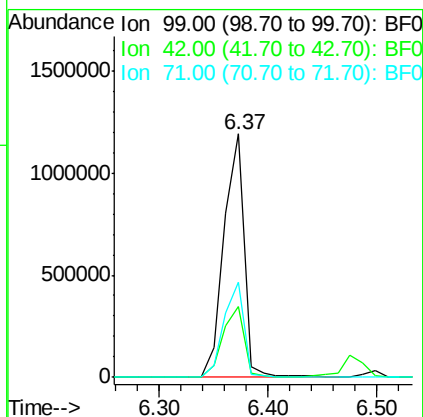
Tot Ion: 99 Resp: 1543575

Ion Ratio Lower Upper

99 100

42 29.3 13.6 20.4#

71 38.9 24.6 36.8#



#8

2-Chlorophenol

Concen: 39.36 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

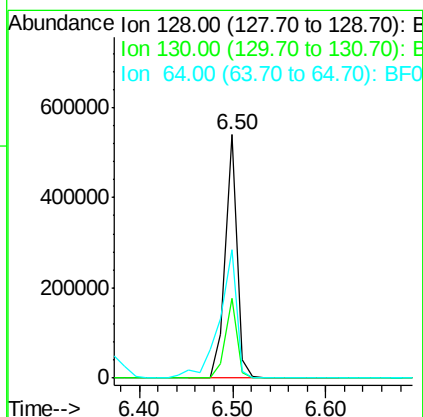
Tgt Ion:128 Resp: 472207

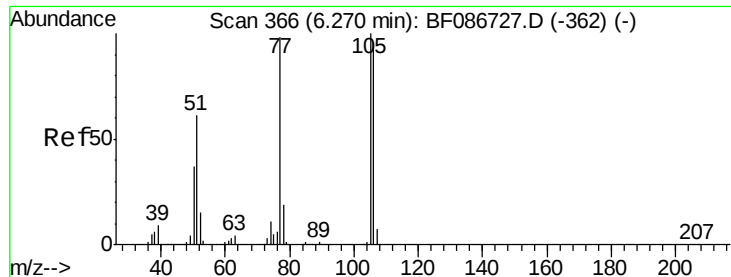
Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

64 52.9 27.3 67.3





#9

Benzaldehyde

Concen: 7.37 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampled :

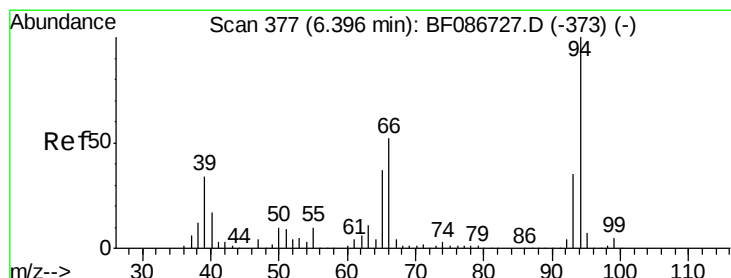
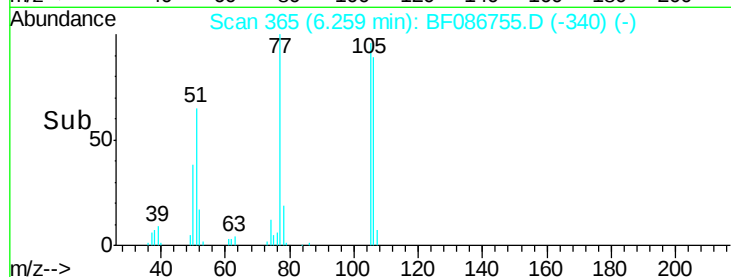
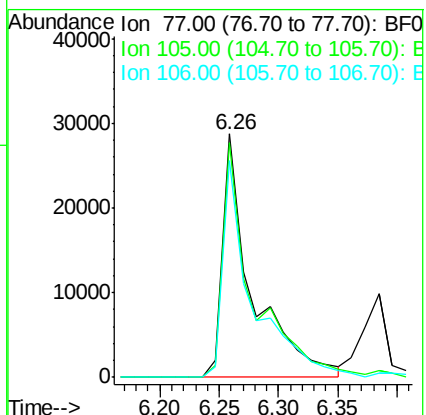
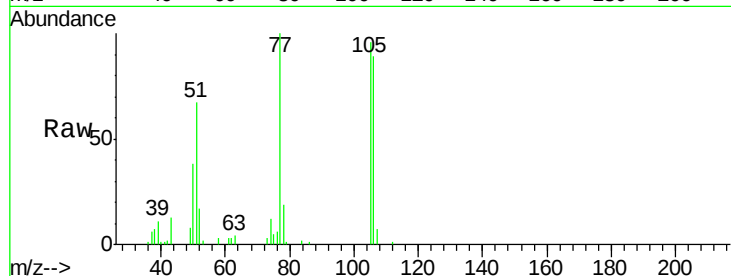
Tot Ion: 77 Resp: 49548

Ion Ratio Lower Upper

77 100

105 96.4 72.7 112.7

106 89.0 70.8 110.8



#10

Phenol

Concen: 44.63 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

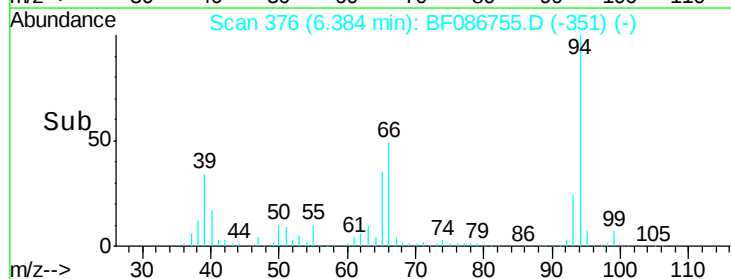
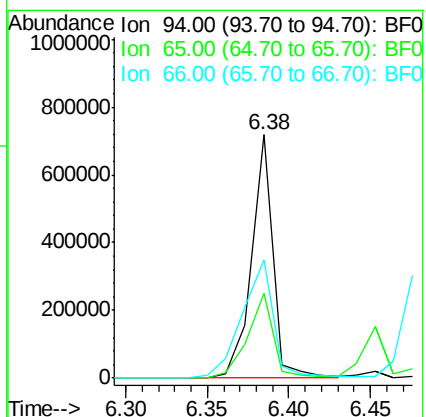
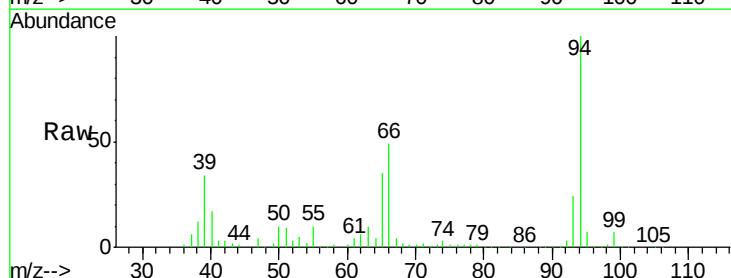
Tgt Ion: 94 Resp: 657577

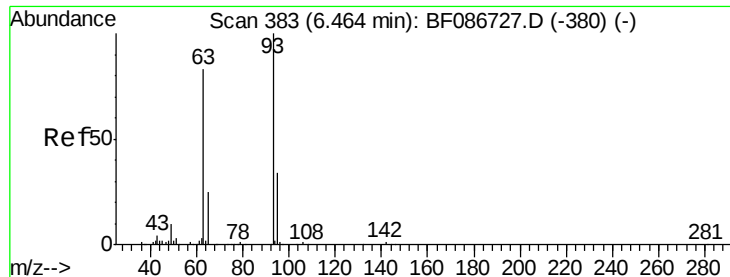
Ion Ratio Lower Upper

94 100

65 35.0 7.2 47.2

66 48.6 14.9 54.9

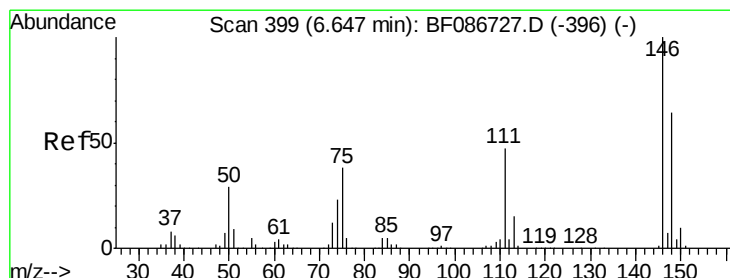
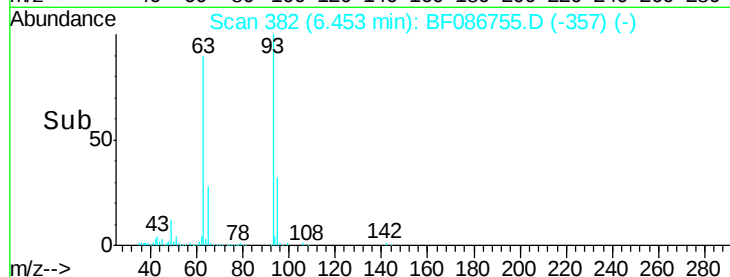
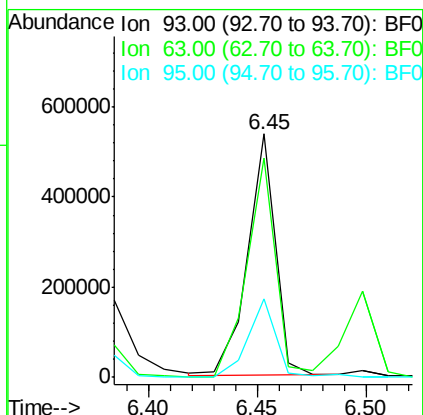
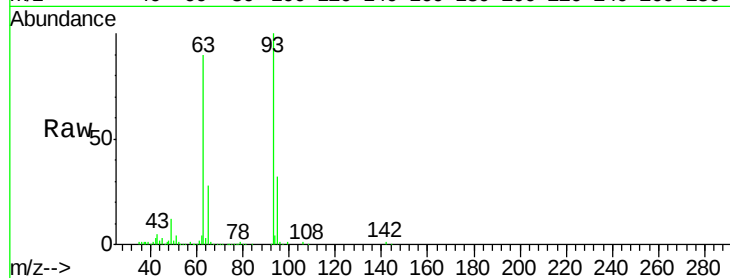




#11
bis(2-Chloroethyl)ether
Concen: 37.04 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

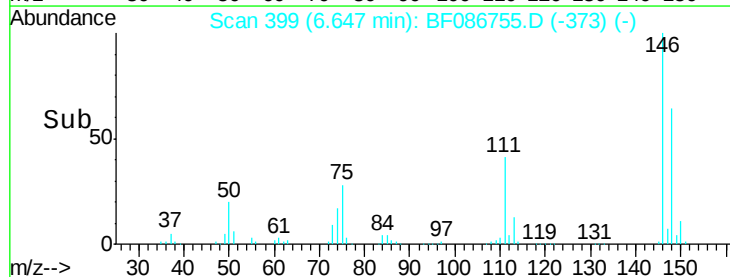
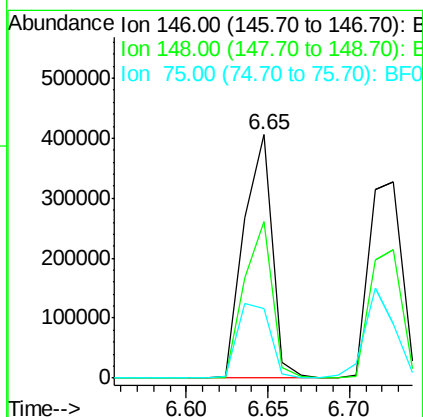
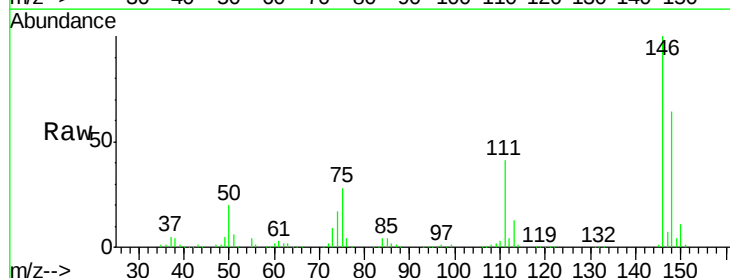
Instrument :
BNA_F
ClientSampleId :

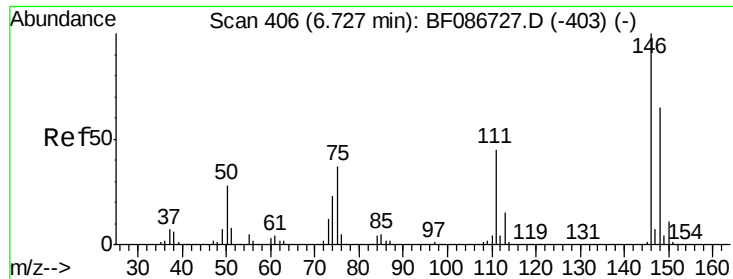
Tot Ion: 93 Resp: 469682
Ion Ratio Lower Upper
93 100
63 90.1 58.0 98.0
95 32.4 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 38.17 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion: 146 Resp: 486202
Ion Ratio Lower Upper
146 100
148 64.4 52.4 78.6
75 28.5 22.8 34.2

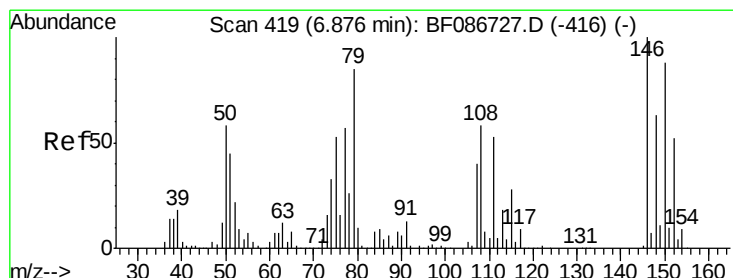
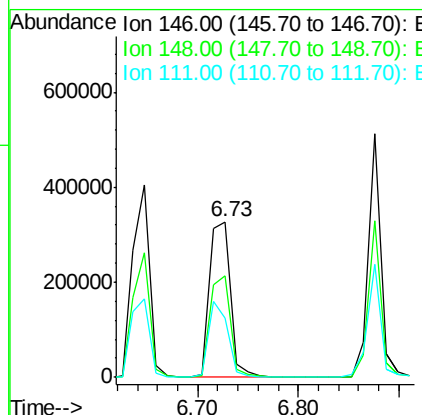
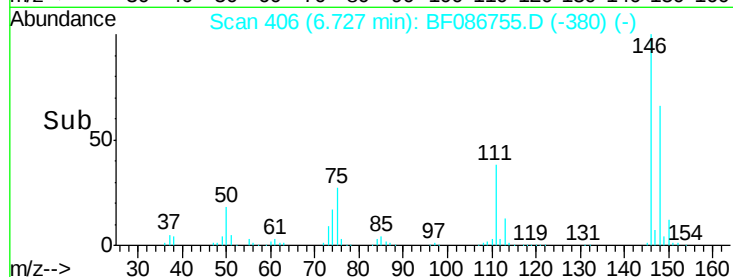
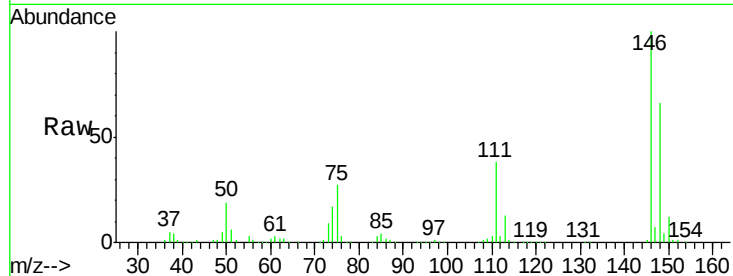




#13
 1,4-Dichlorobenzene
 Concen: 36.22 ng
 RT: 6.73 min Scan# 406
 Delta R.T. 0.00 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

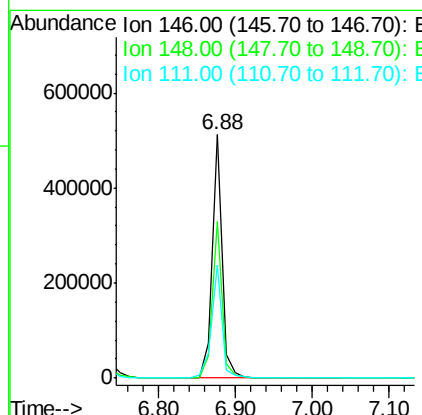
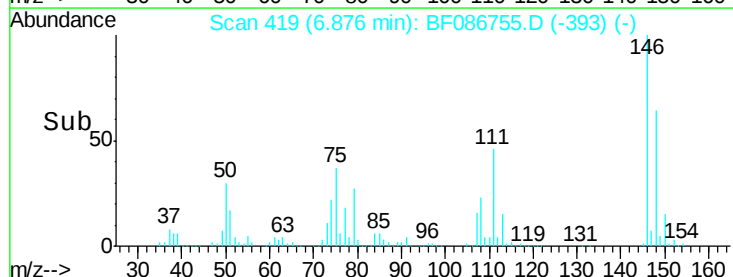
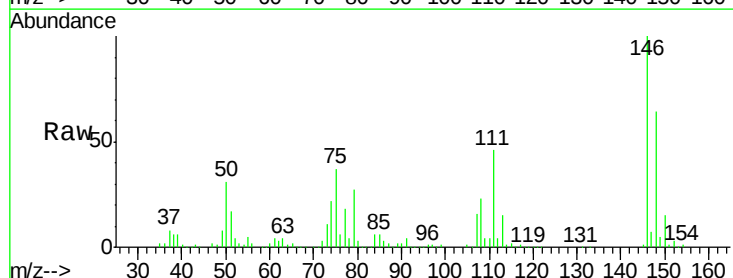
Instrument :
 BNA_F
 ClientSampleId :

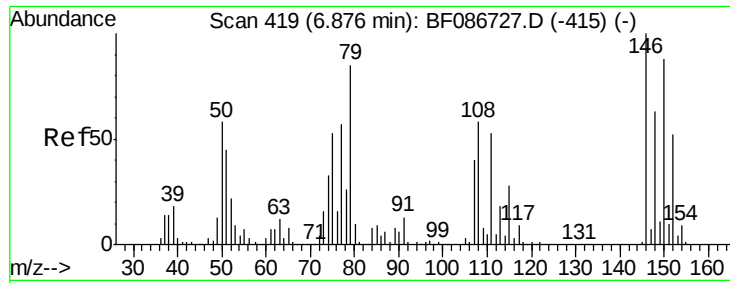
Tot Ion:146 Resp: 477152
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.2 78.4
 111 38.2 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 39.37 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion:146 Resp: 451607
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.0 76.6
 111 46.5 36.2 54.4

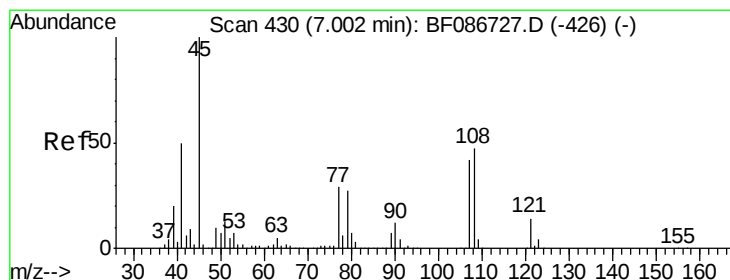
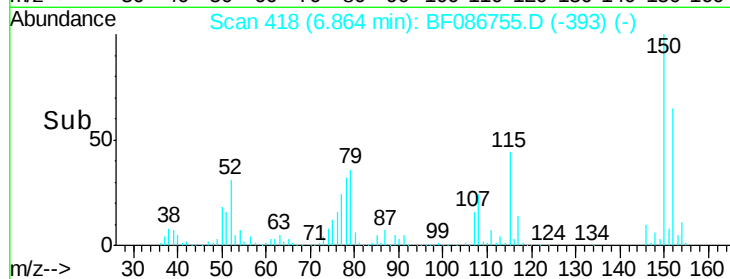
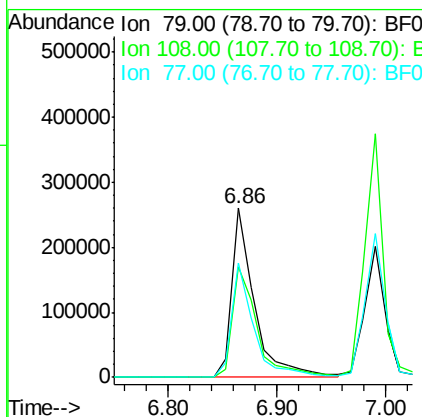
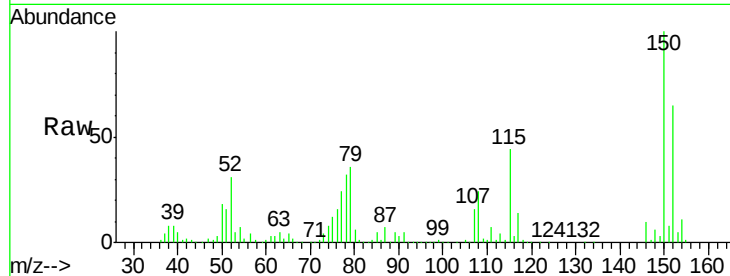




#15
Benzyl Alcohol
Concen: 42.60 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

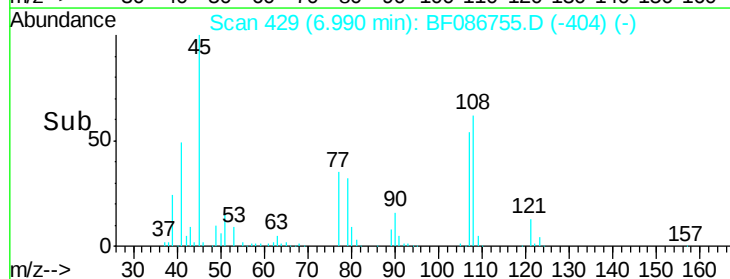
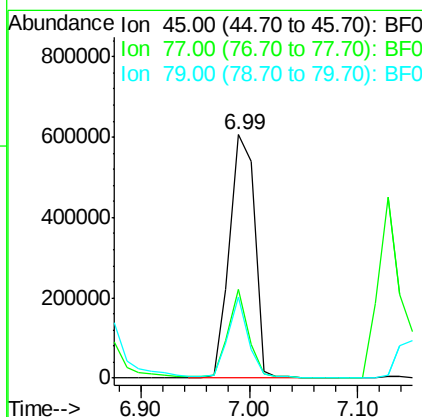
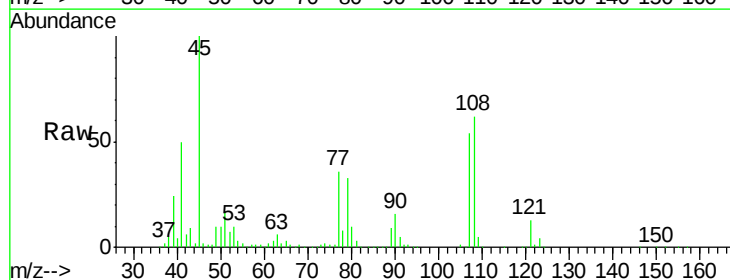
Instrument :
BNA_F
ClientSampled :

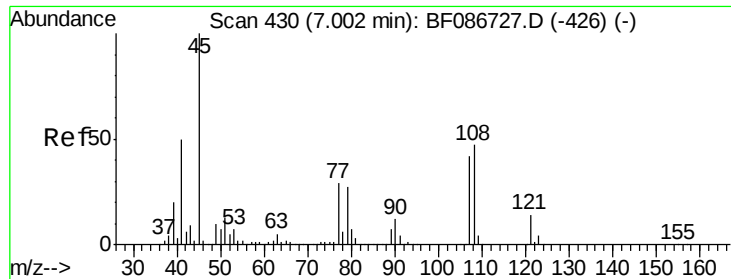
Tot Ion: 79 Resp: 371175
Ion Ratio Lower Upper
79 100
108 65.5 68.4 102.6#
77 67.4 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.13 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion: 45 Resp: 962645
Ion Ratio Lower Upper
45 100
77 36.3 0.0 36.4
79 33.3 0.0 33.4





#17

2-Methylphenol

Concen: 40.08 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 387155

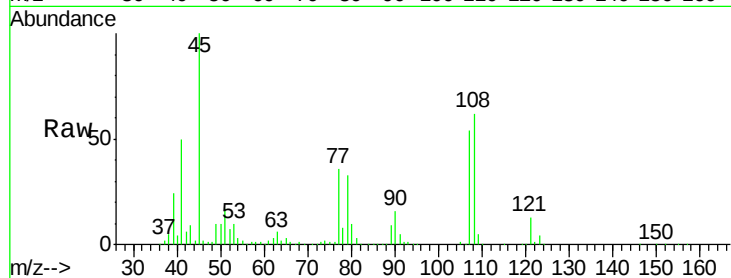
Ion Ratio Lower Upper

107 100

108 113.7 93.7 140.5

77 66.9 33.4 50.0#

79 61.4 34.3 51.5#

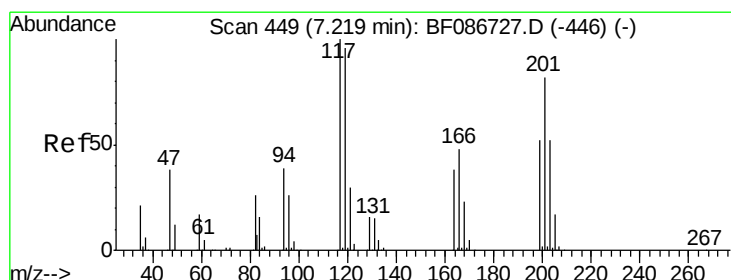
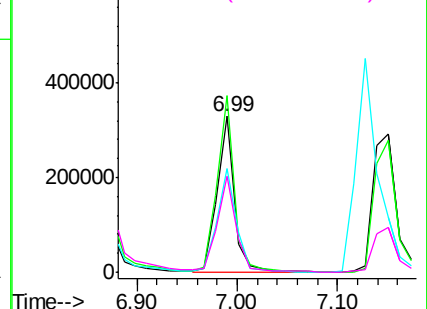
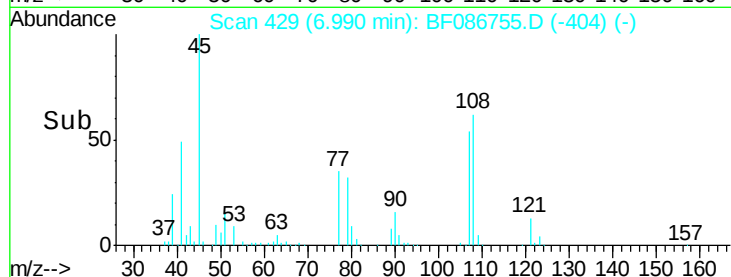


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.63 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

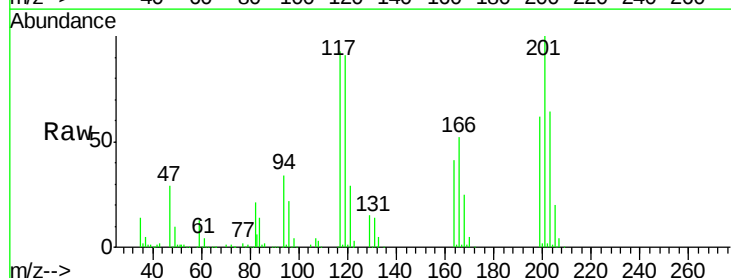
Tgt Ion:117 Resp: 192085

Ion Ratio Lower Upper

117 100

119 97.3 76.5 114.7

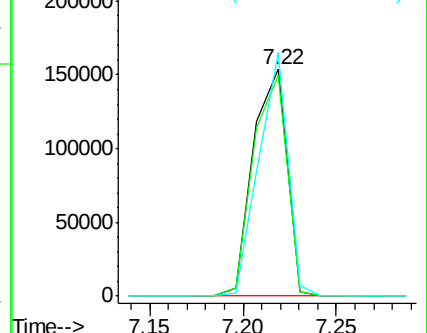
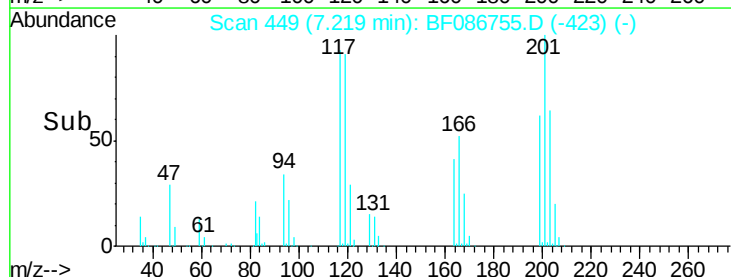
201 107.5 63.0 94.6#

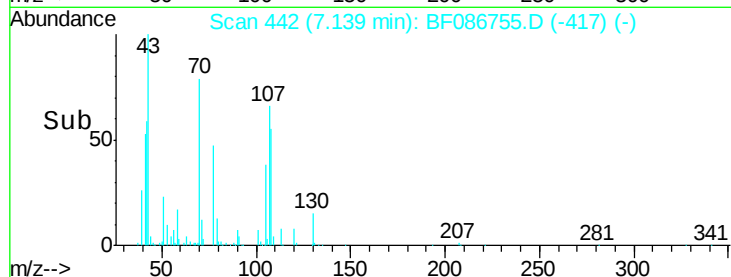
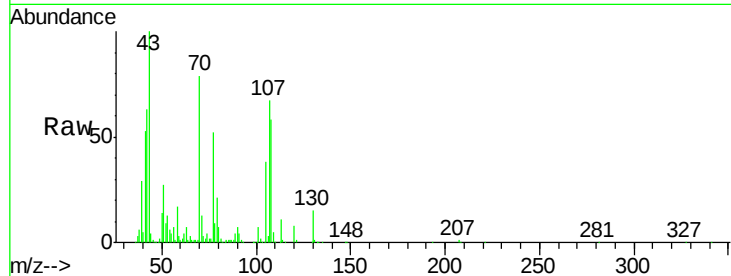
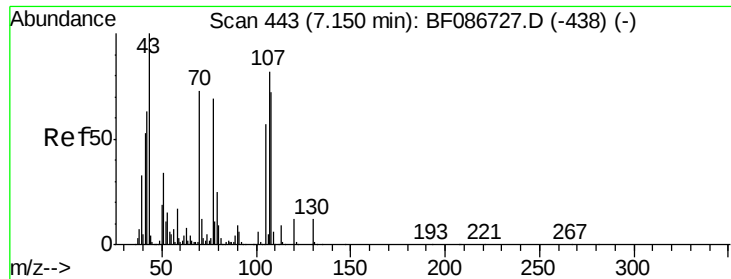


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

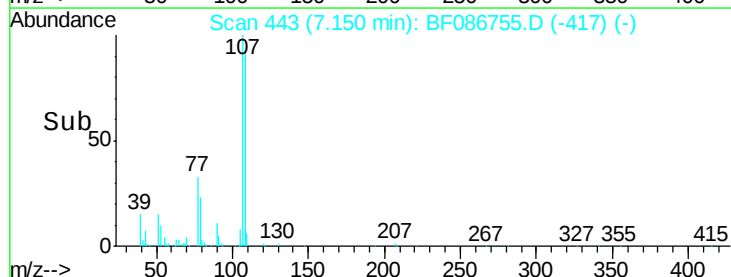
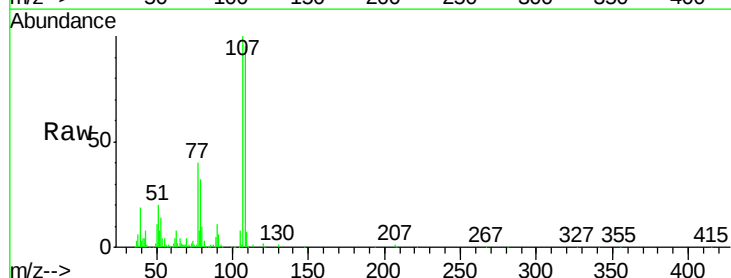
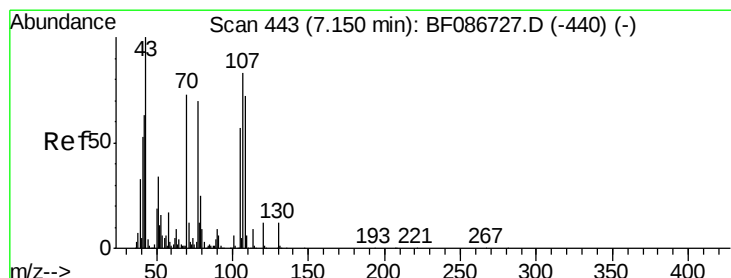
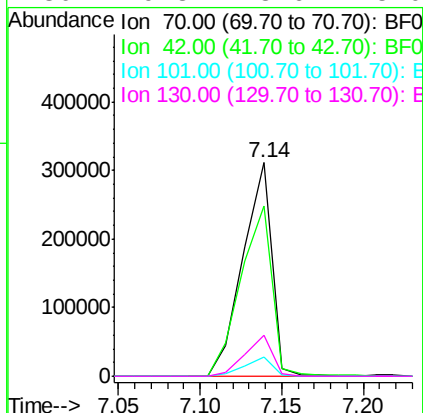




#19
n-Nitroso-di-n-propylamine
Concen: 41.74 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

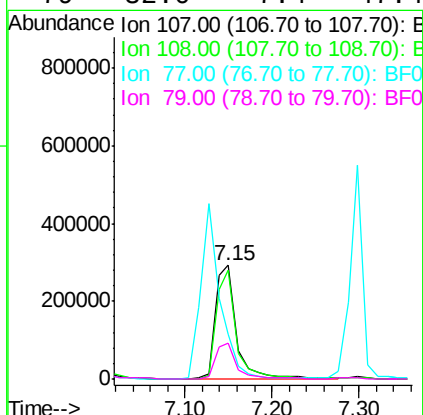
Instrument :
BNA_F
ClientSampleId :

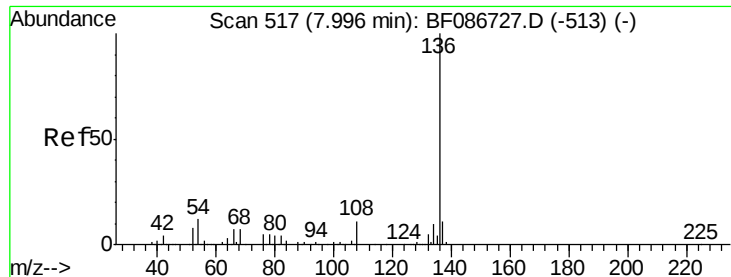
Tot Ion: 70 Resp: 384074
Ion Ratio Lower Upper
70 100
42 79.7 43.1 64.7#
101 9.2 8.1 12.1
130 19.3 18.6 28.0



#20
3+4-Methylphenols
Concen: 43.31 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion: 107 Resp: 489903
Ion Ratio Lower Upper
107 100
108 95.3 68.5 108.5
77 39.9 101.6 141.6#
79 32.0 7.4 47.4





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 678103

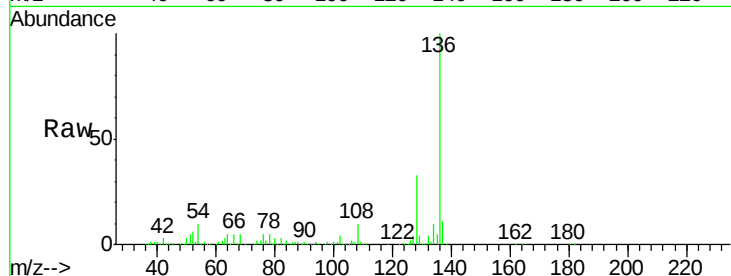
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.6 5.0 7.4#

68 5.5 4.4 6.6

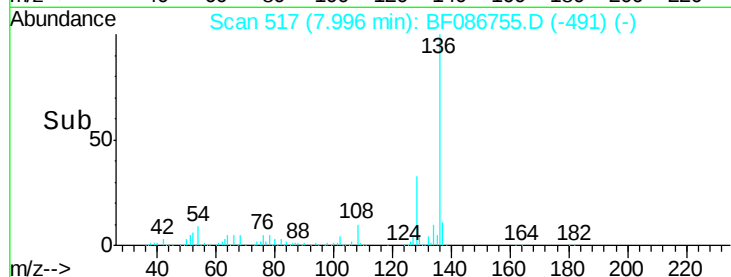


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

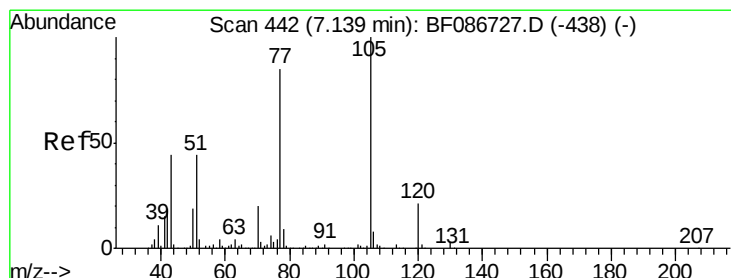
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.00



#22

Acetophenone

Concen: 41.23 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Tgt Ion:105 Resp: 651488

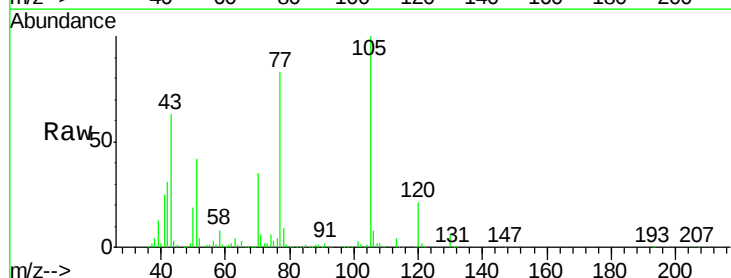
Ion Ratio Lower Upper

105 100

71 5.6 4.8 7.2

51 41.6 32.6 49.0

120 20.8 16.5 24.7

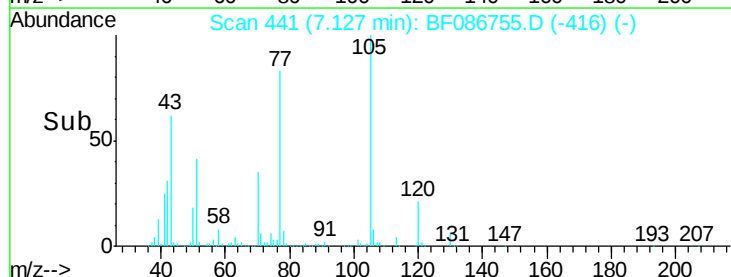


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

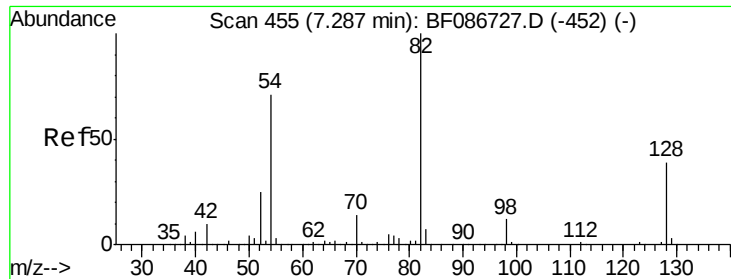
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

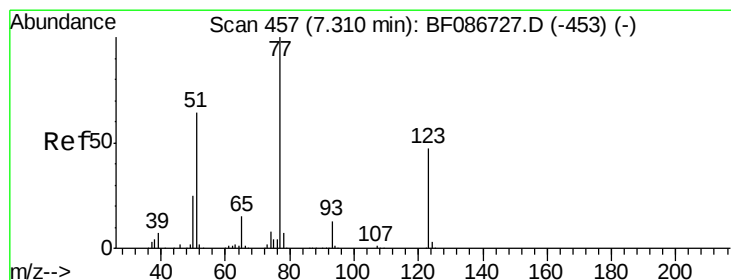
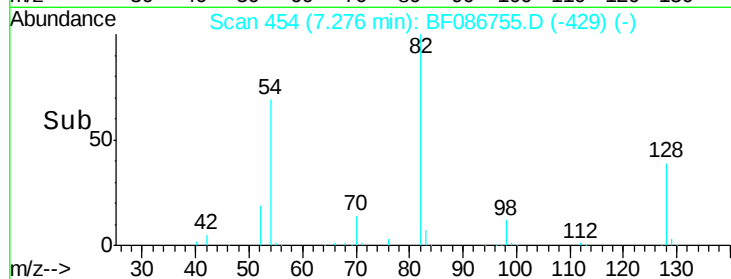
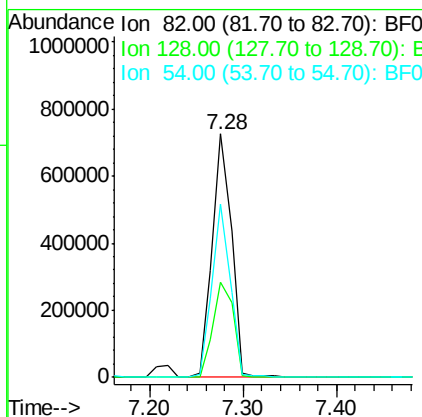
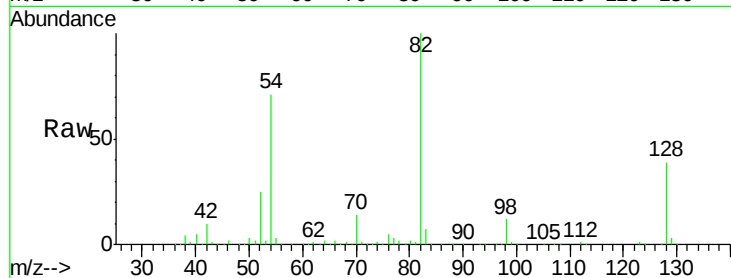
7.13



#23
 Nitrobenzene-d5
 Concen: 79.31 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

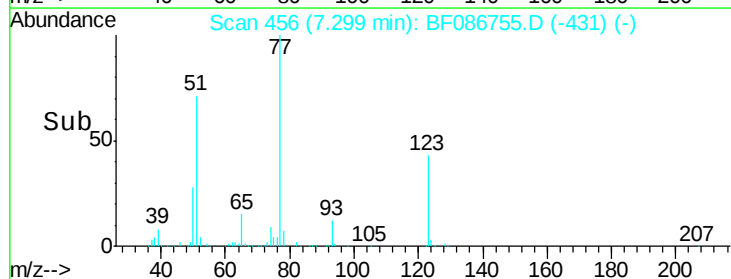
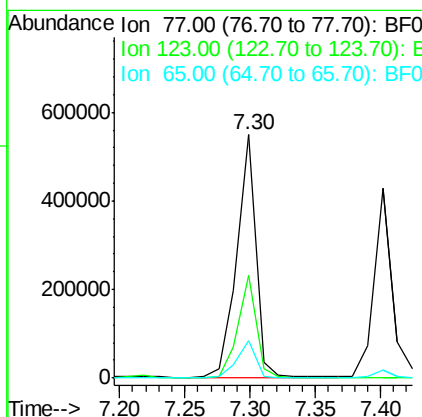
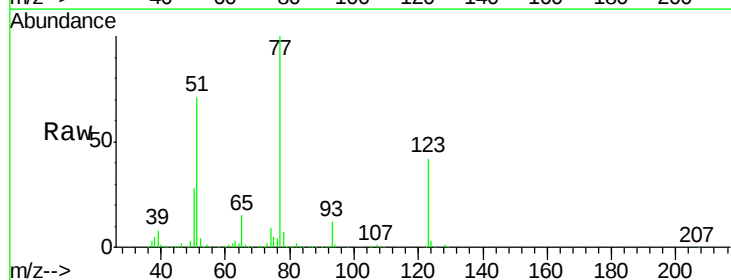
Instrument :
 BNA_F
 ClientSampled :

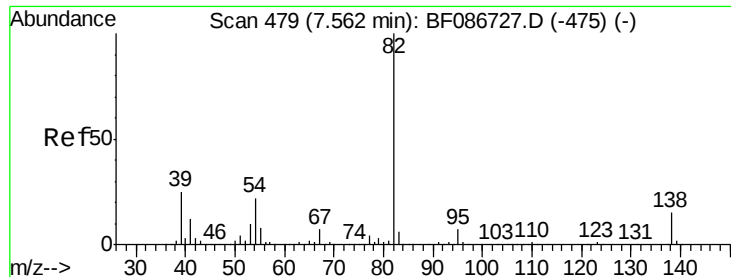
Tot Ion: 82 Resp: 1046573
 Ion Ratio Lower Upper
 82 100
 128 38.8 40.6 61.0#
 54 71.2 38.1 57.1#



#24
 Nitrobenzene
 Concen: 40.55 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion: 77 Resp: 553199
 Ion Ratio Lower Upper
 77 100
 123 42.3 33.0 49.4
 65 15.2 10.8 16.2





#25

Isophorone

Concen: 38.29 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

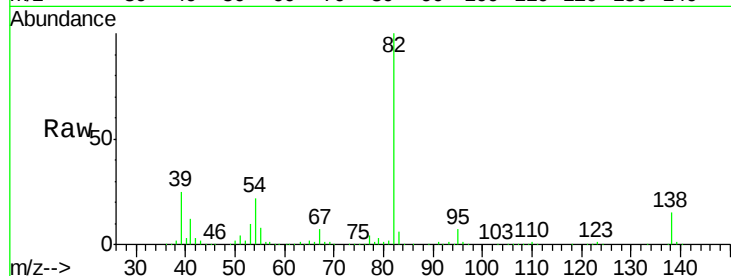
Tot Ion: 82 Resp: 940841

Ion Ratio Lower Upper

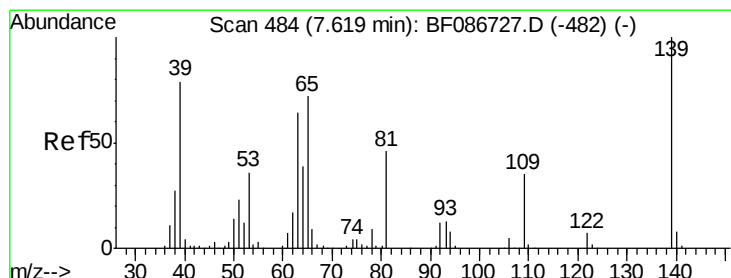
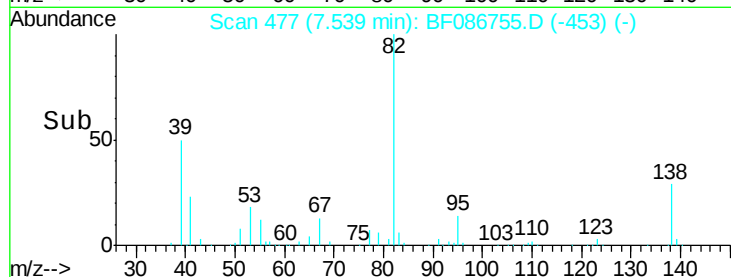
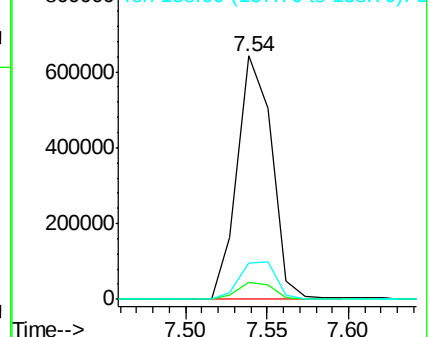
82 100

95 7.0 5.1 7.7

138 14.8 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: 41.53 ng

RT: 7.62 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

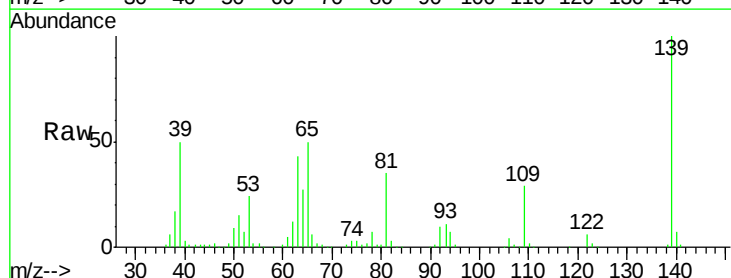
Tgt Ion: 139 Resp: 252774

Ion Ratio Lower Upper

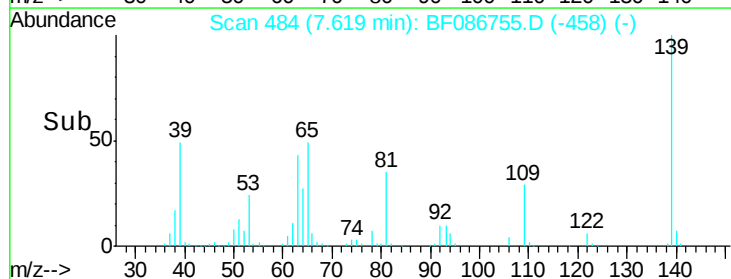
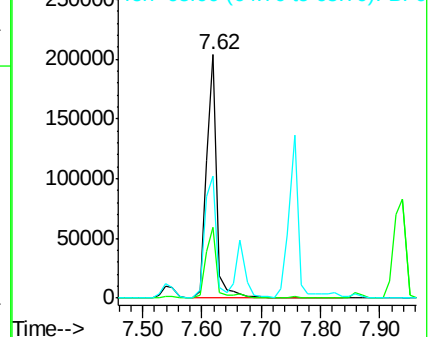
139 100

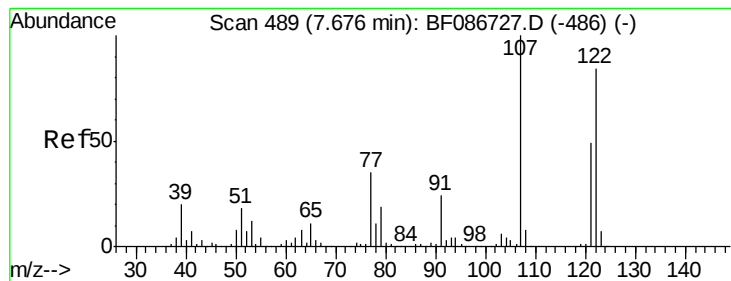
109 29.2 19.5 29.3

65 50.0 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

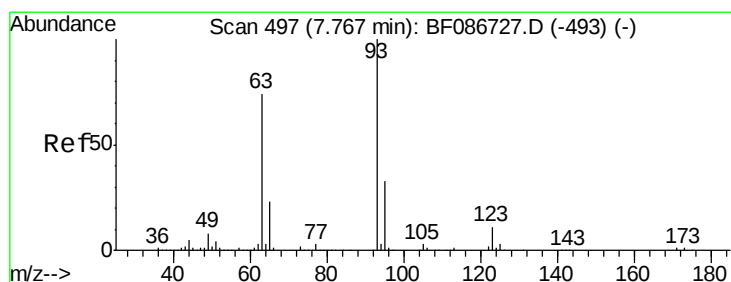
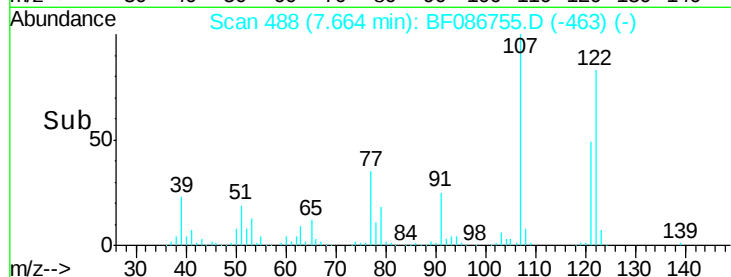
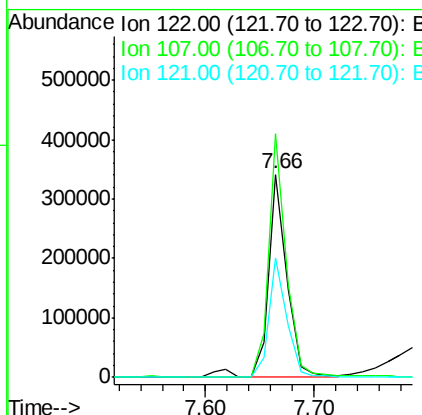
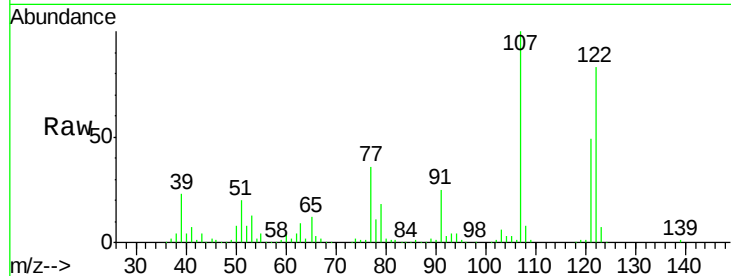




#27
 2,4-Dimethylphenol
 Concen: 38.51 ng
 RT: 7.66 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

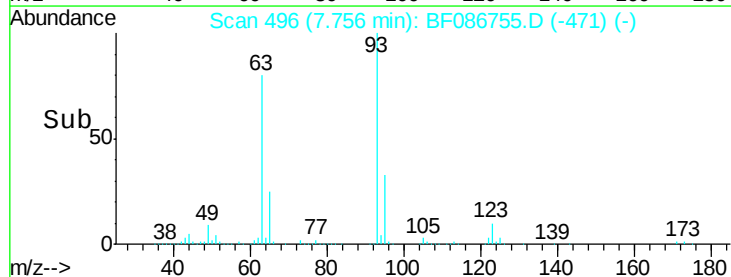
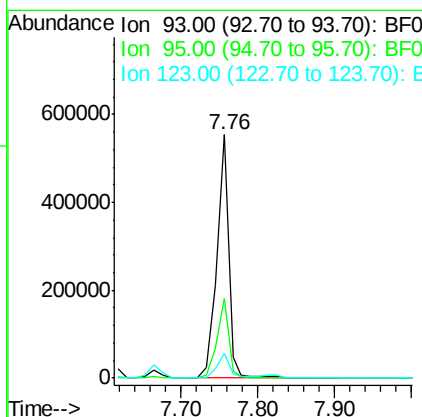
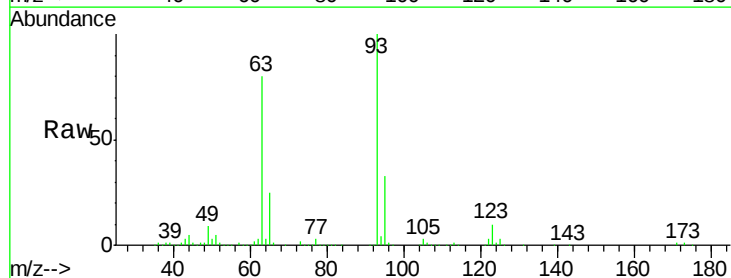
Instrument :
 BNA_F
 ClientSampleID :

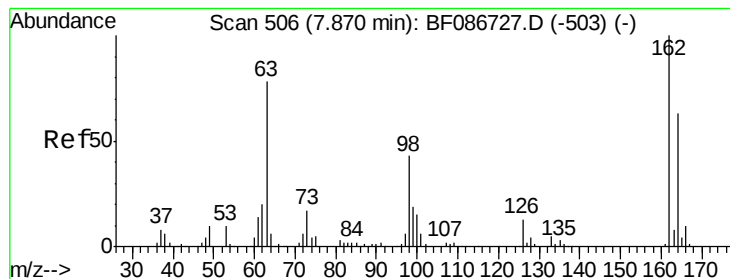
Tot Ion:122 Resp: 411641
 Ion Ratio Lower Upper
 122 100
 107 120.1 82.0 123.0
 121 59.1 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.62 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion: 93 Resp: 590028
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.0 39.0
 123 10.2 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.90 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

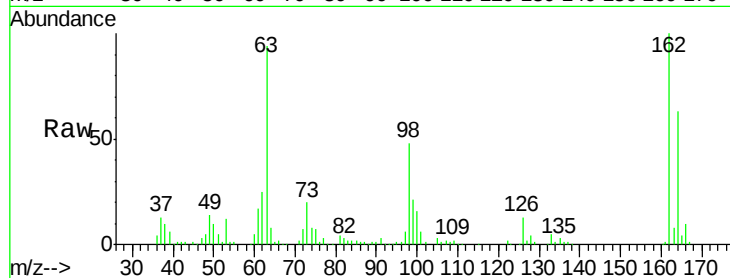
Tot Ion:162 Resp: 375856

Ion Ratio Lower Upper

162 100

164 63.2 42.2 82.2

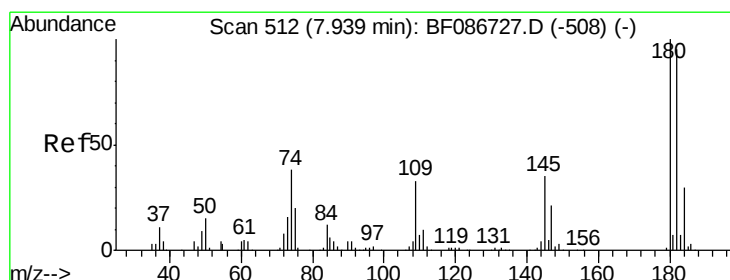
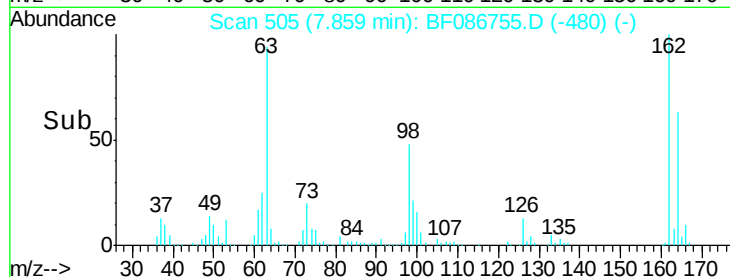
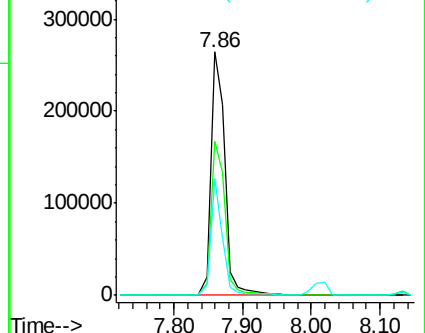
98 47.8 19.0 59.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.76 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

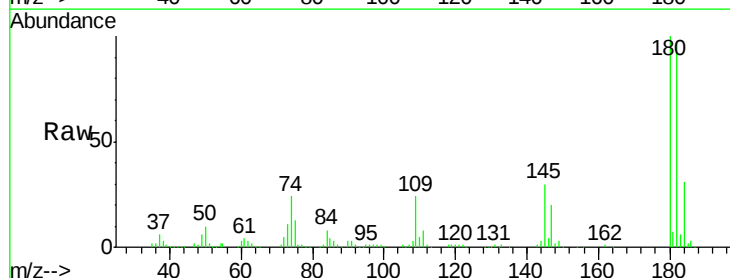
Tgt Ion:180 Resp: 417906

Ion Ratio Lower Upper

180 100

182 97.0 78.0 117.0

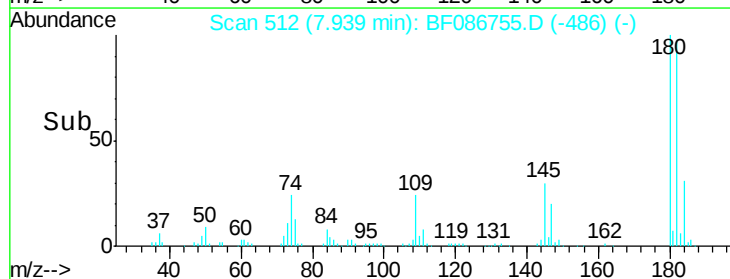
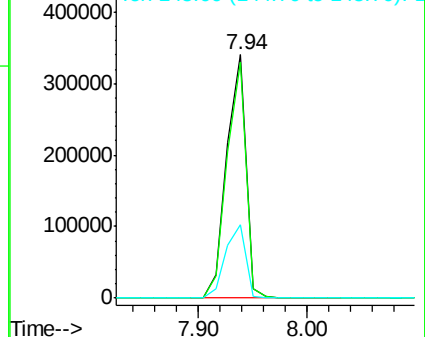
145 30.3 24.2 36.2

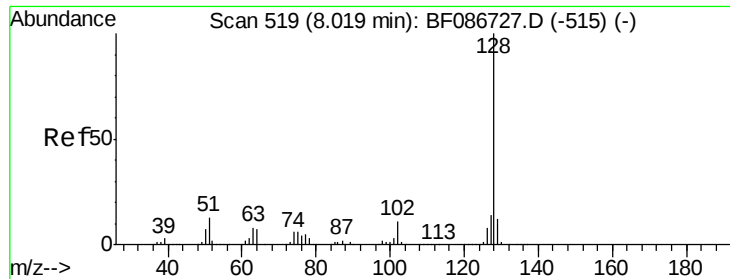


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.04 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

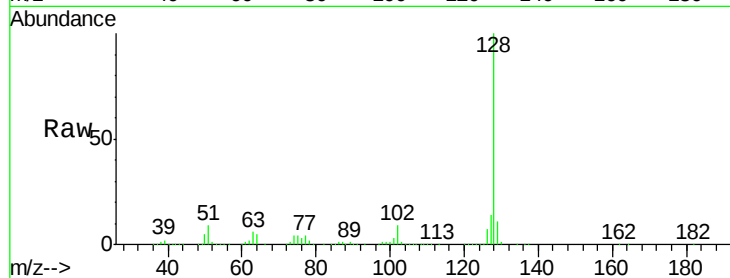
Tot Ion:128 Resp: 1352425

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

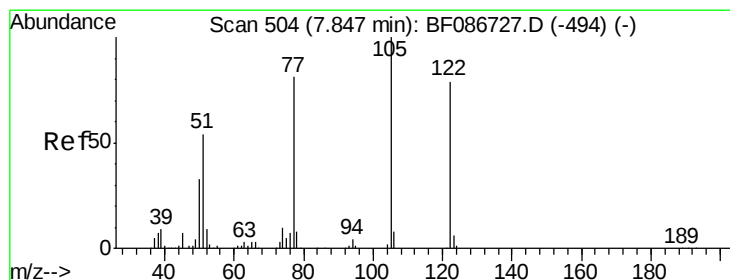
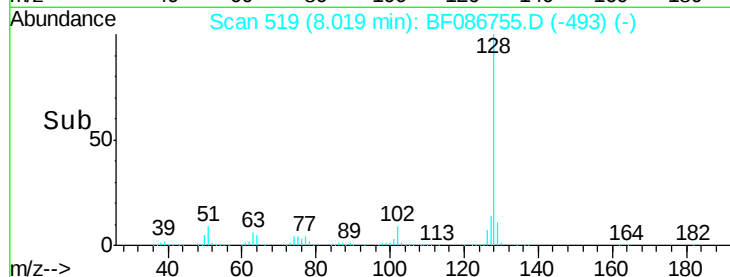
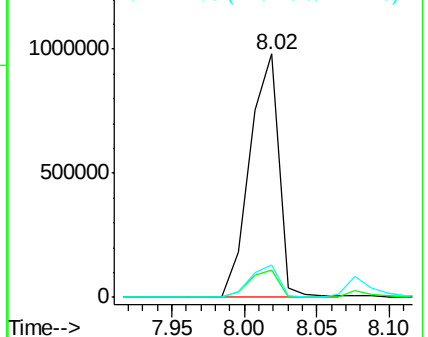
127 13.6 10.8 16.2



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: 60.41 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

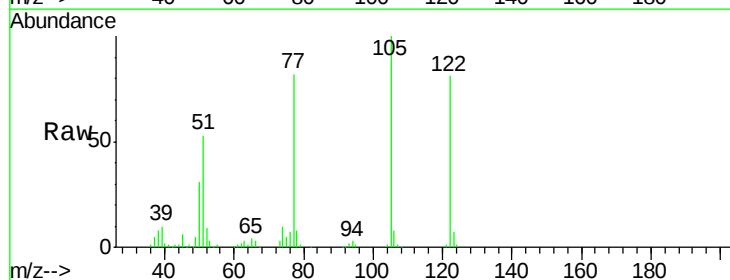
Tgt Ion:122 Resp: 262892

Ion Ratio Lower Upper

122 100

105 123.2 92.6 132.6

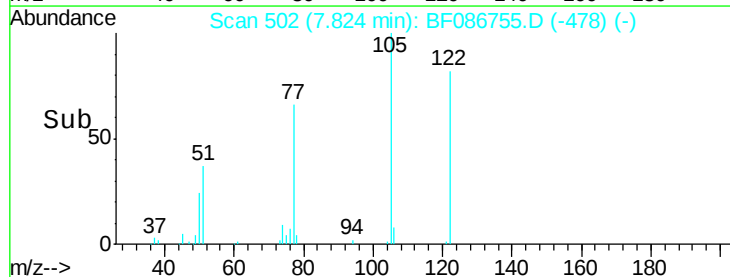
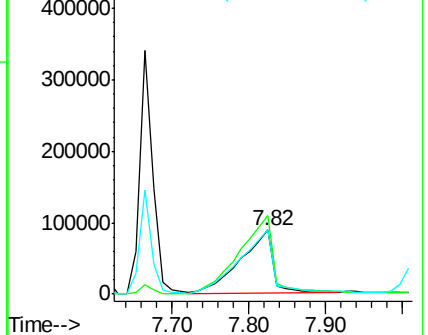
77 100.7 60.0 100.0#

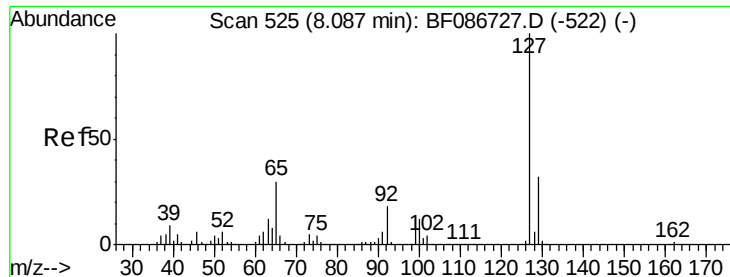


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

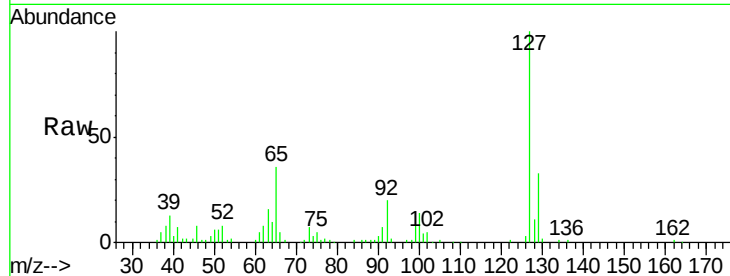




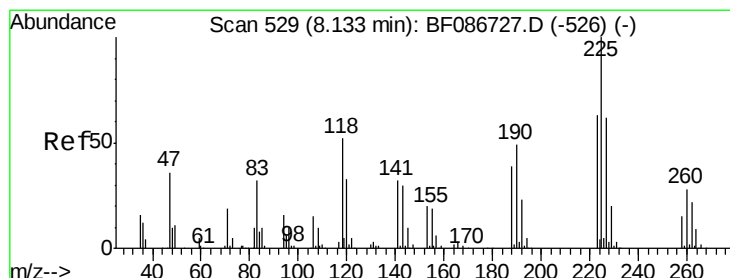
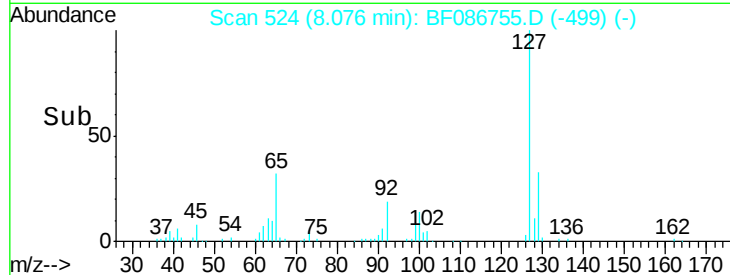
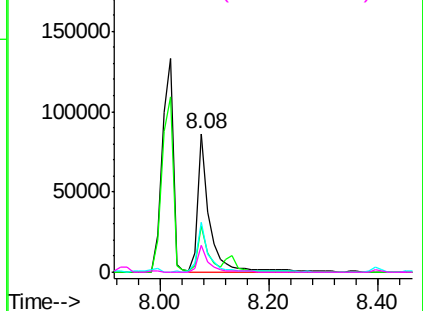
#33
4-Chloroaniline
Concen: 9.64 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	129402
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.2	39.4
65	36.3	23.0	34.4
92	19.7	15.1	22.7

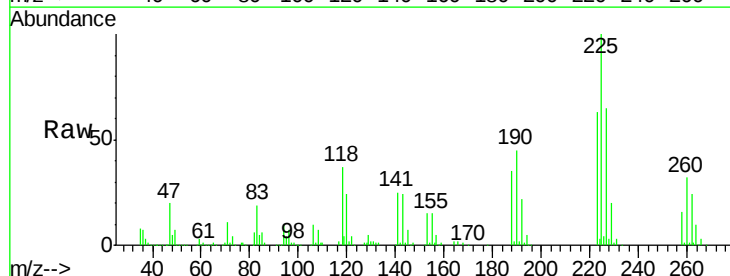


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

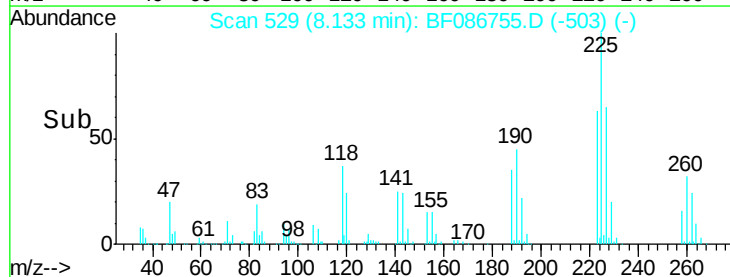
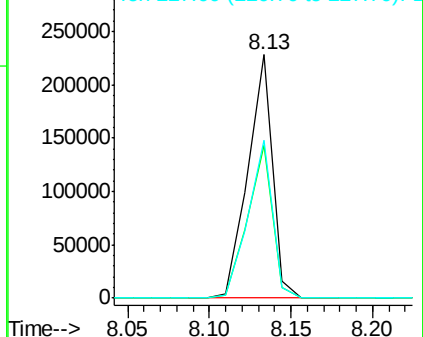


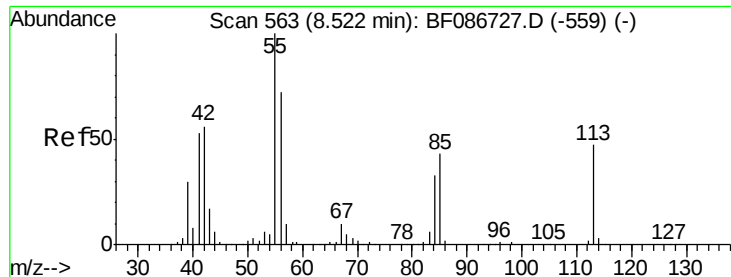
#34
Hexachlorobutadiene
Concen: 40.92 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion:	225	Resp:	238217
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.5	77.3
227	65.0	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

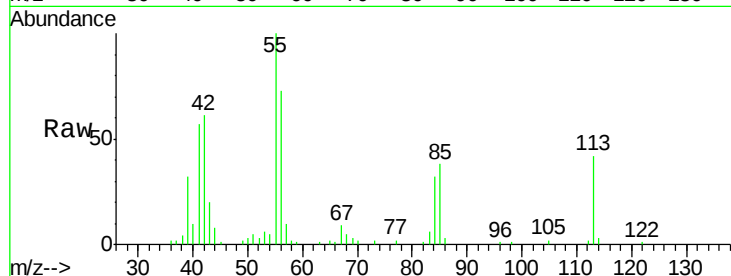




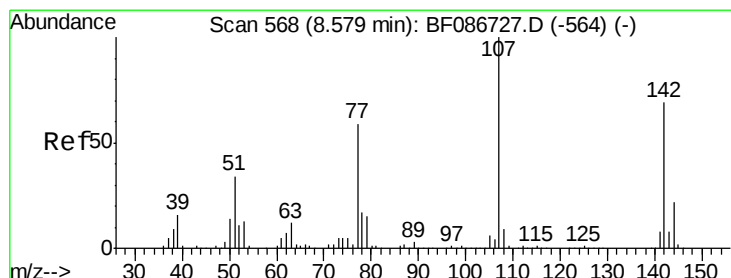
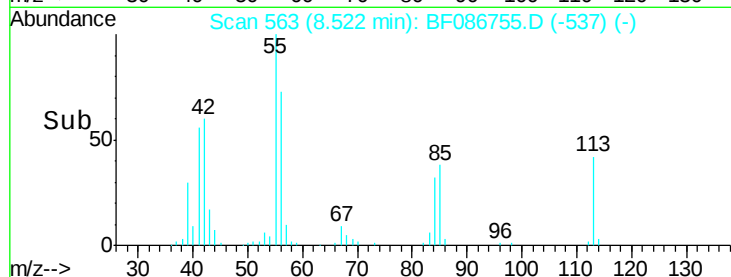
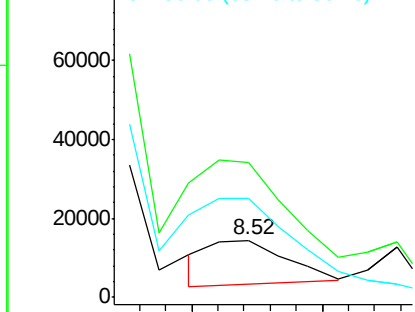
#35
Caprolactam
Concen: 8.24 ng
RT: 8.52 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 23431
Ion Ratio Lower Upper
113 100
55 236.6 162.0 202.0#
56 173.8 115.3 155.3#

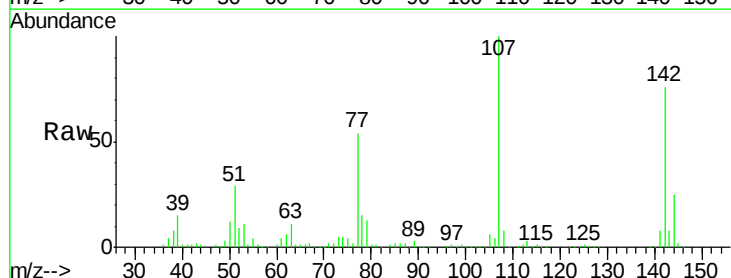


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

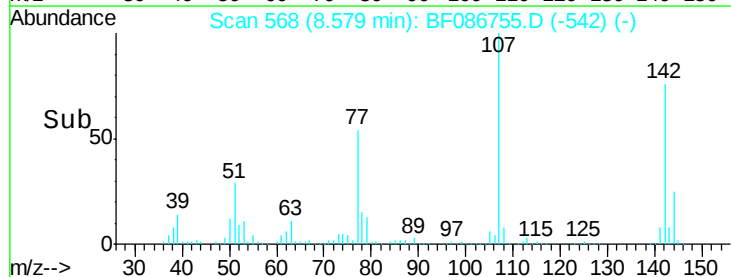
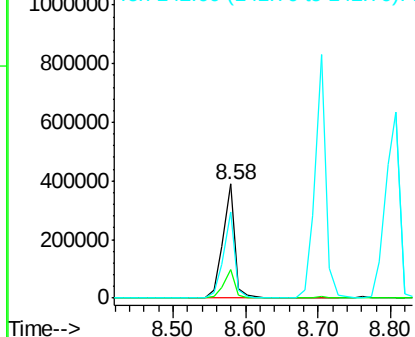


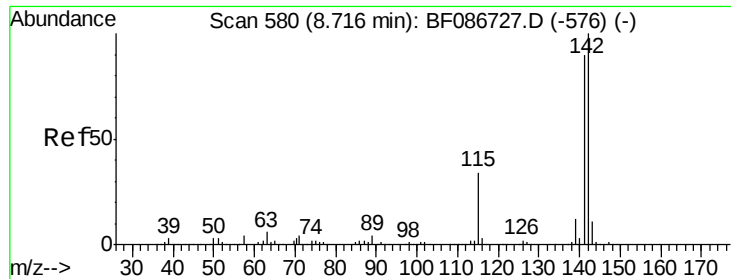
#36
4-Chloro-3-methylphenol
Concen: 42.82 ng
RT: 8.58 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion:107 Resp: 448920
Ion Ratio Lower Upper
107 100
144 24.8 20.7 31.1
142 75.7 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

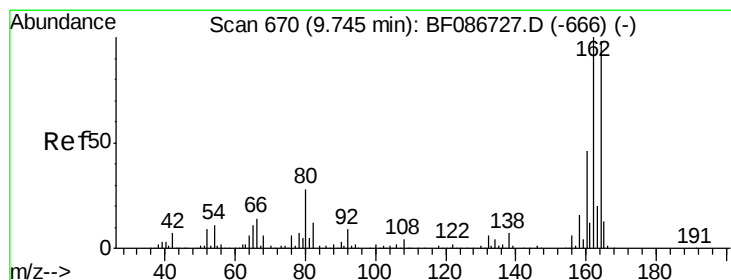
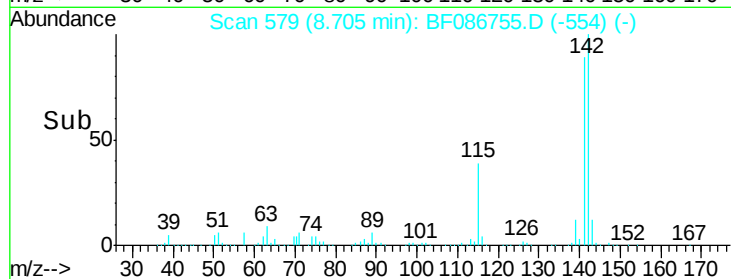
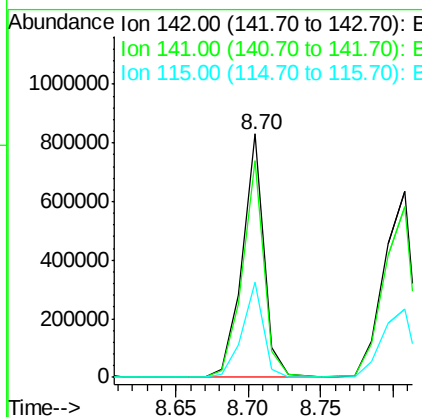
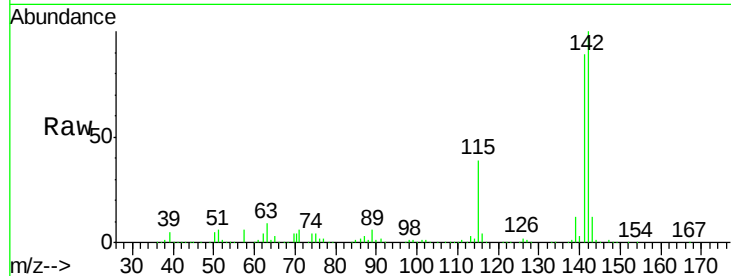




#37
2-Methylnaphthalene
Concen: 42.27 ng
RT: 8.70 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

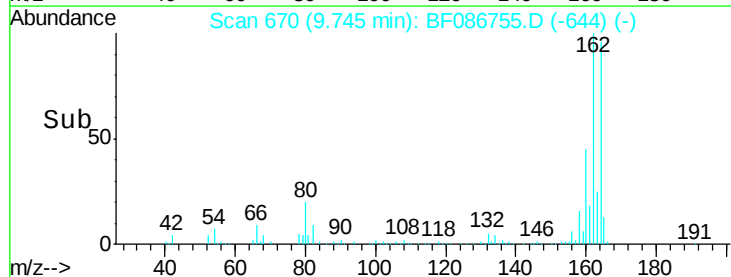
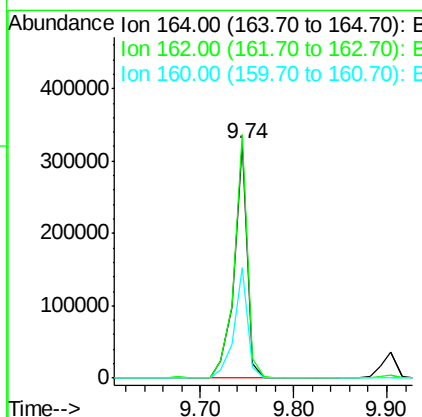
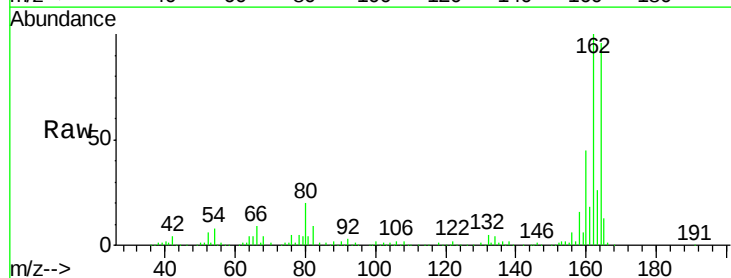
Instrument :
BNA_F
ClientSampleId :

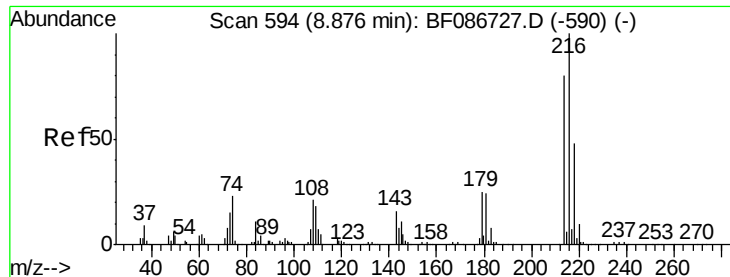
Tot Ion:142 Resp: 863962
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.6
115 39.0 26.6 39.8



#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion:164 Resp: 322707
Ion Ratio Lower Upper
164 100
162 103.8 82.8 124.2
160 46.9 36.9 55.3

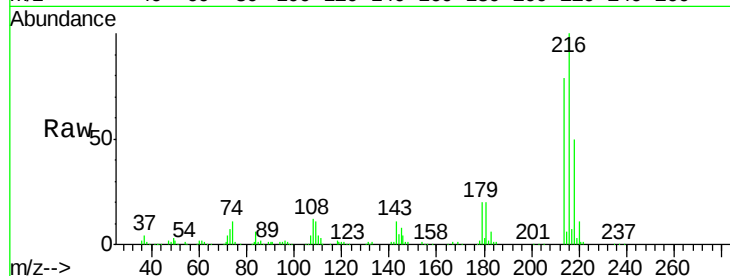




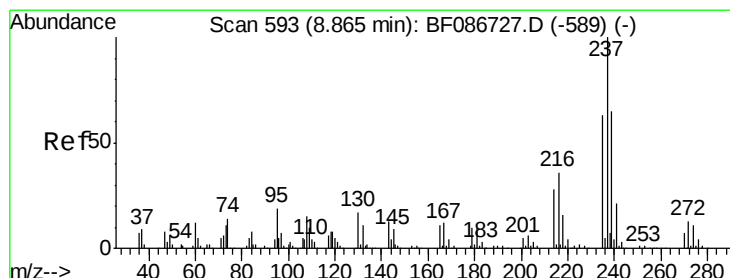
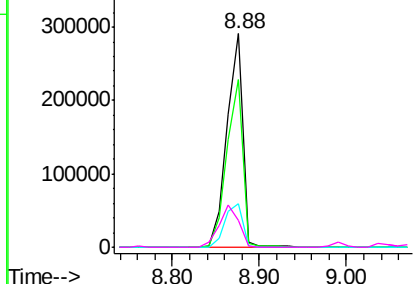
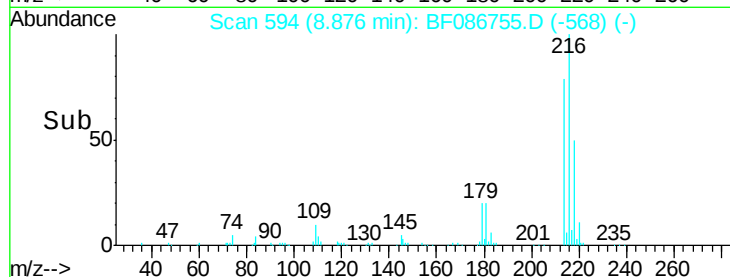
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.52 ng
 RT: 8.88 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	369121
Ion Ratio	Lower	Upper
216	100	
214	79.3	62.6 93.8
179	22.9	18.2 27.4
108	25.0	17.5 26.3

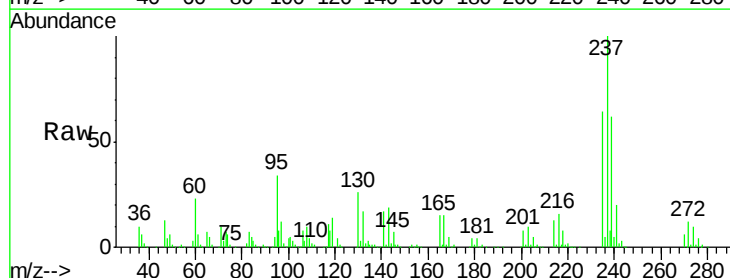


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

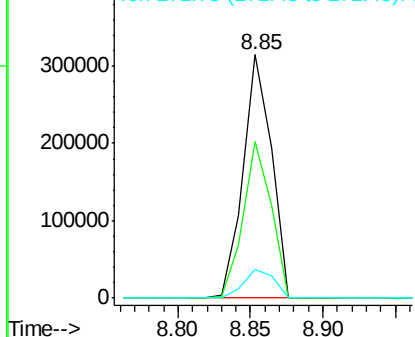
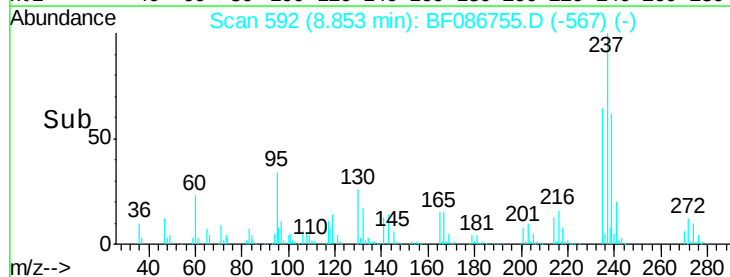


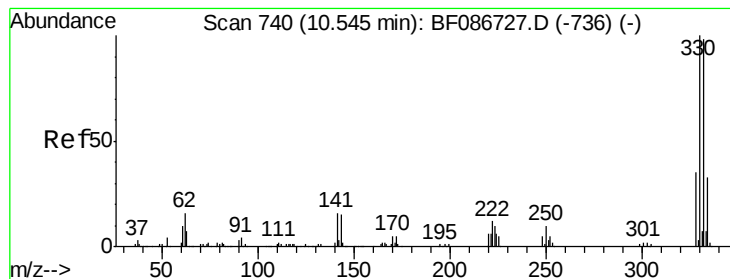
#40
 Hexachlorocyclopentadiene
 Concen: 97.35 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion:237	Resp:	425325
Ion Ratio	Lower	Upper
237	100	
235	64.1	47.2 87.2
272	12.0	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: 114.47 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampled :

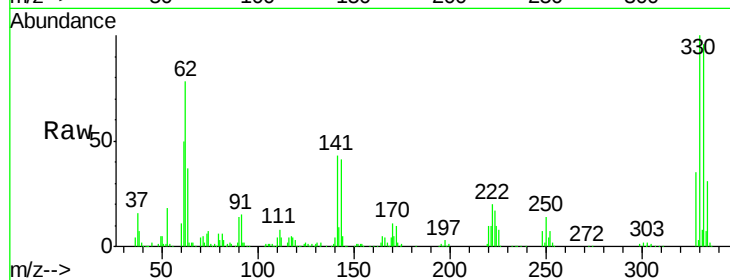
Tot Ion:330 Resp: 361350

Ion Ratio Lower Upper

330 100

332 96.5 79.0 118.4

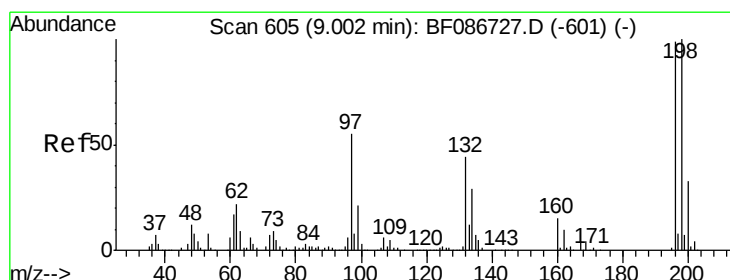
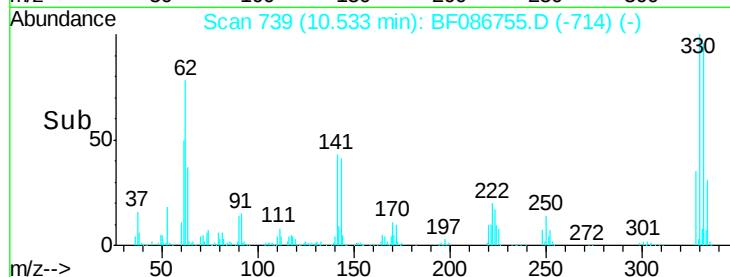
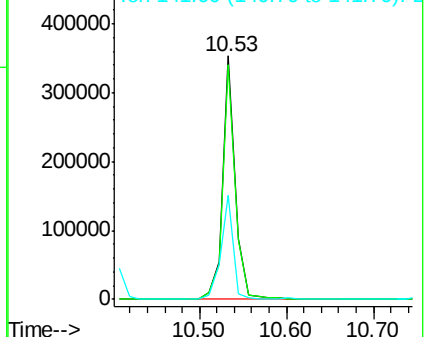
141 42.1 31.2 46.8



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: 42.65 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

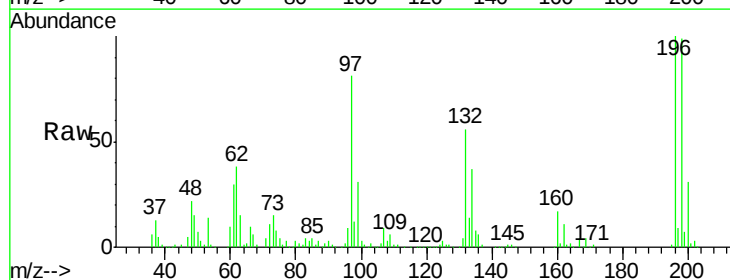
Tgt Ion:196 Resp: 253321

Ion Ratio Lower Upper

196 100

198 98.7 74.7 112.1

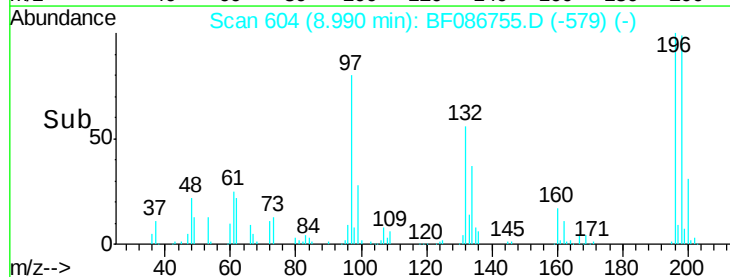
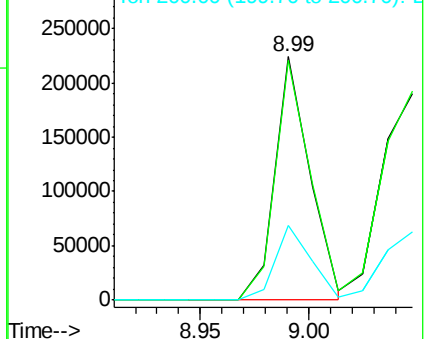
200 30.8 23.8 35.6

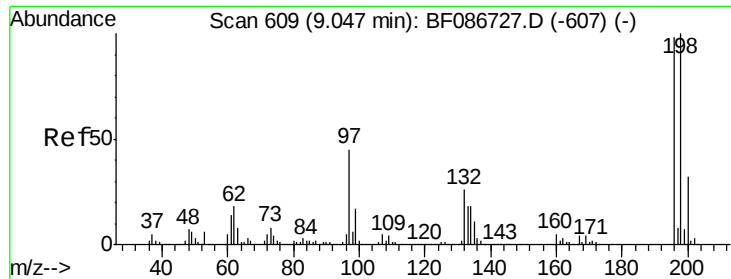


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

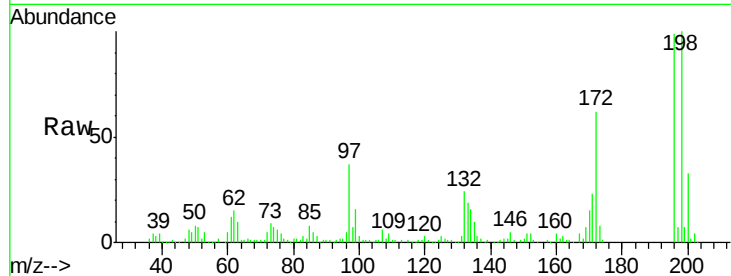




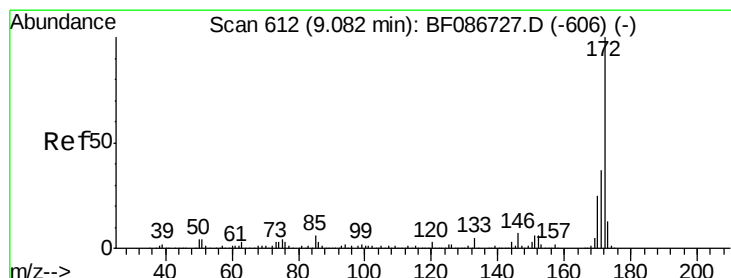
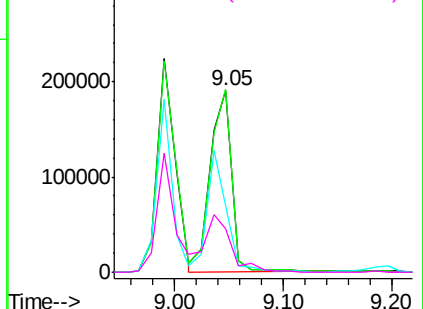
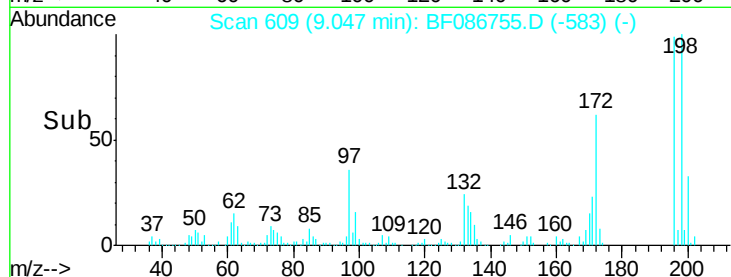
#43
 2,4,5-Trichlorophenol
 Concen: 42.50 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.2	77.5	116.3
97	37.0	34.8	52.2
132	24.1	23.0	34.4

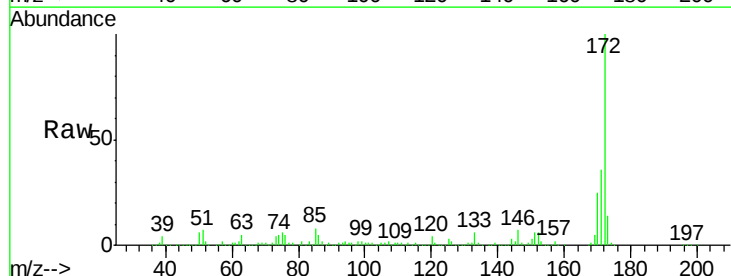


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

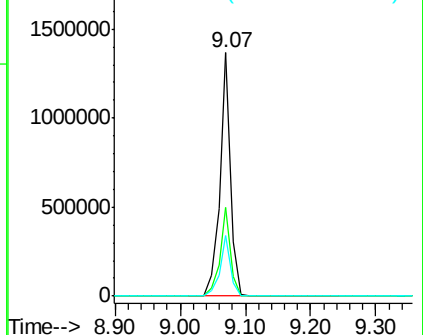
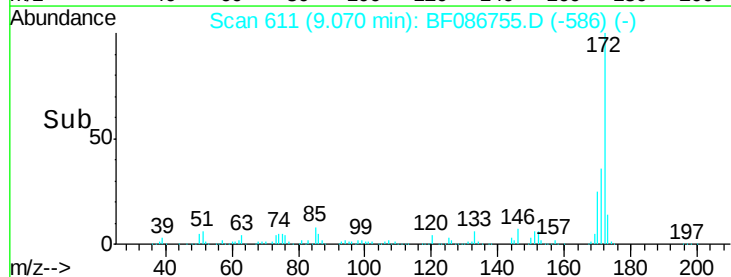


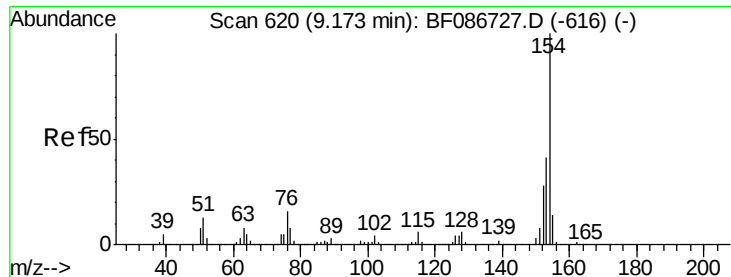
#44
 2-Fluorobiphenyl
 Concen: 80.45 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.6	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



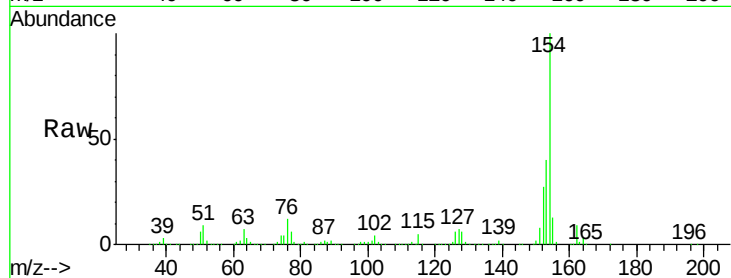


#45
 1,1'-Biphenyl
 Concen: 42.99 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

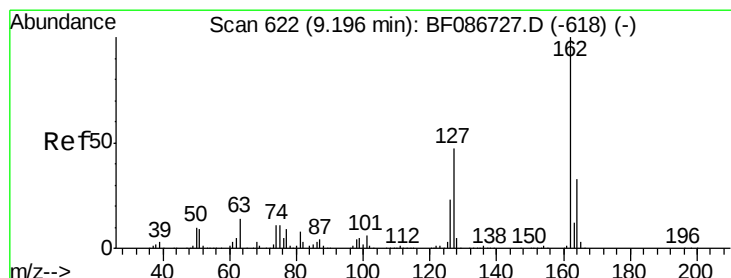
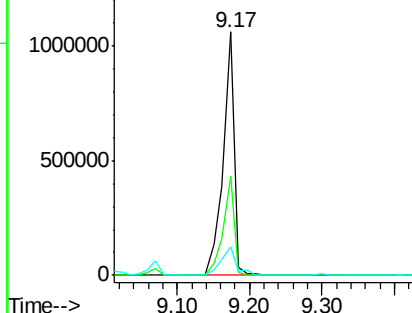
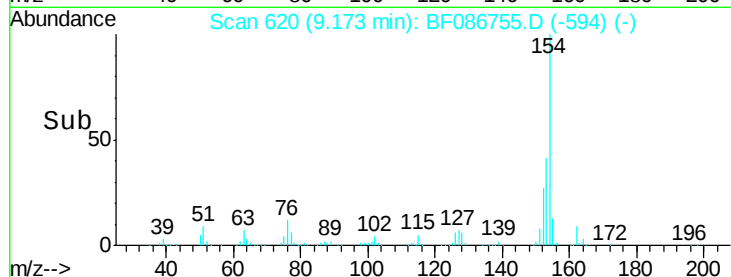
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1134209

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.3	60.3
76	12.0	0.0	30.2



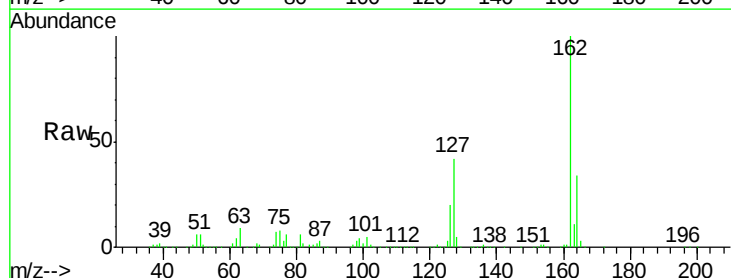
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



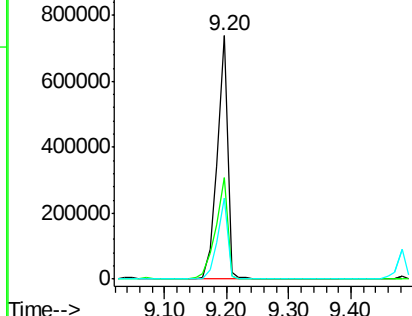
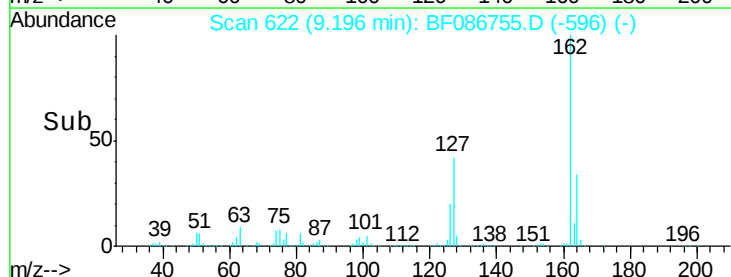
#46
 2-Chloronaphthalene
 Concen: 41.09 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

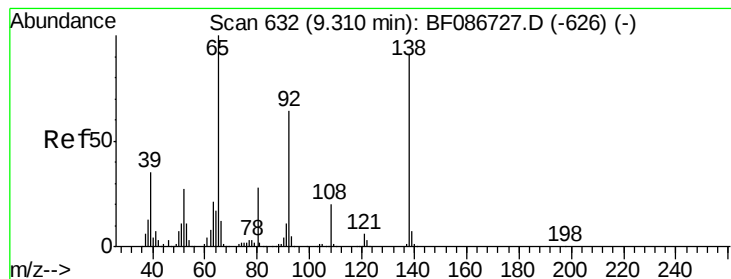
Tgt Ion:162 Resp: 836551

Ion	Ratio	Lower	Upper
162	100		
127	41.6	31.8	47.6
164	33.5	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: 38.12 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

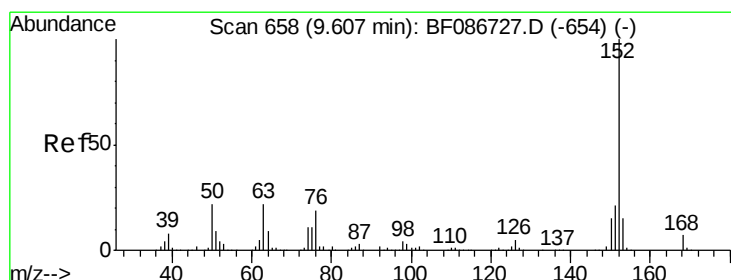
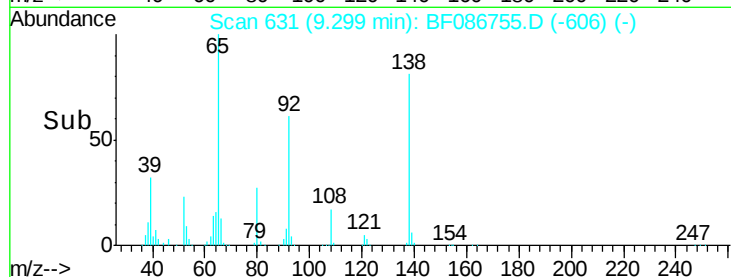
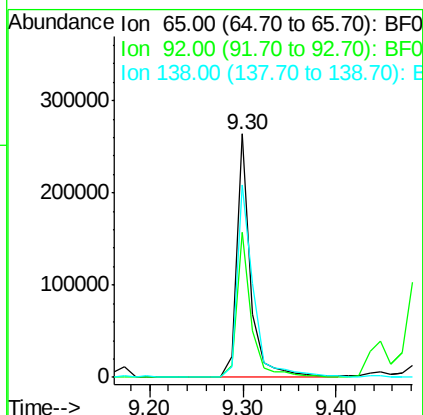
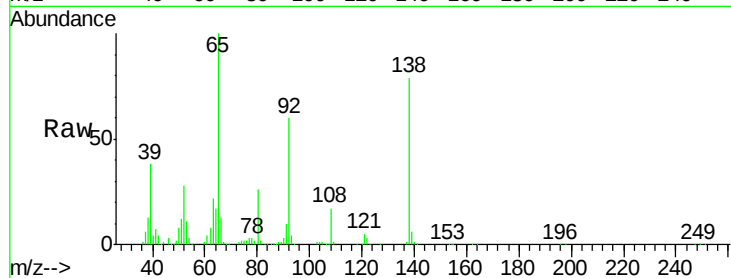
Tot Ion: 65 Resp: 275940

Ion Ratio Lower Upper

65 100

92 59.7 57.4 86.2

138 79.0 90.1 135.1#



#48

Acenaphthylene

Concen: 41.66 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

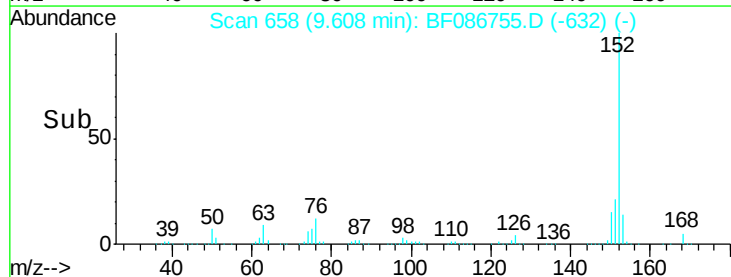
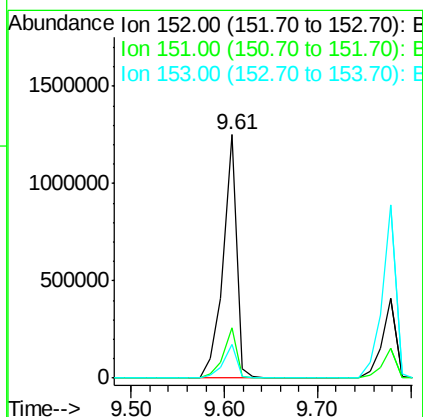
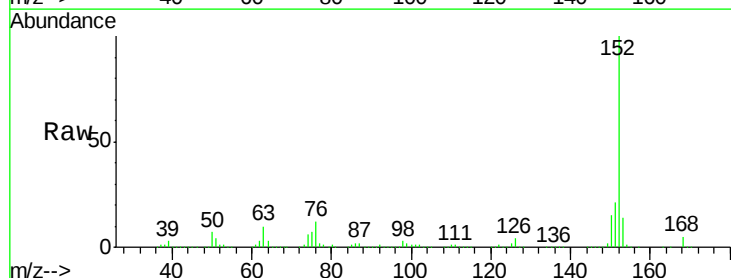
Tgt Ion: 152 Resp: 1259179

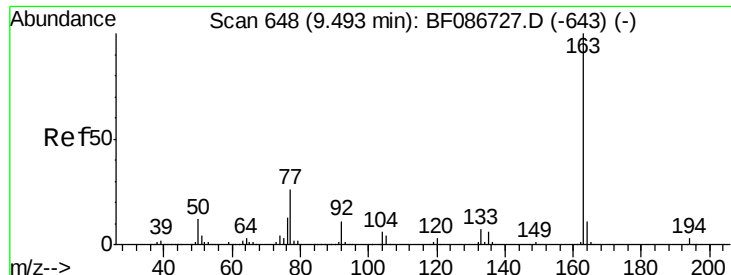
Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 14.0 10.9 16.3

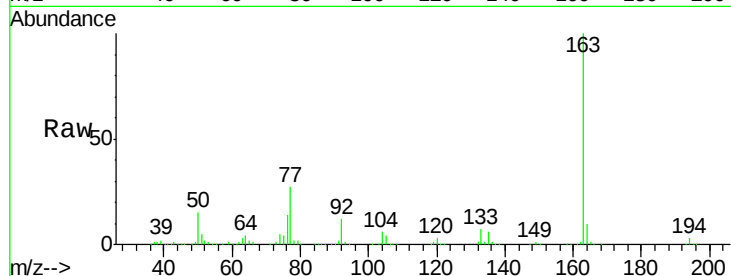




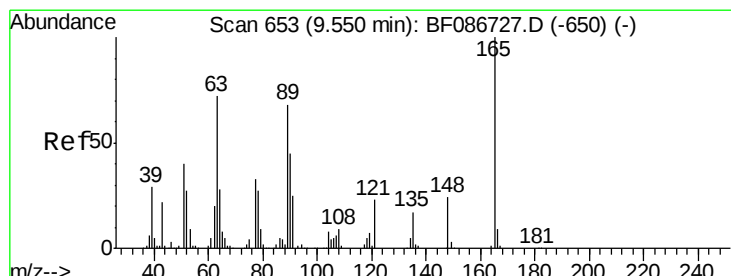
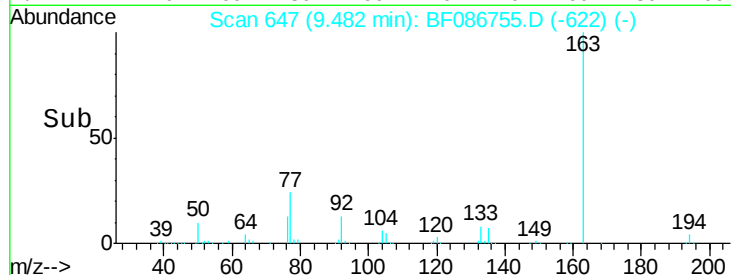
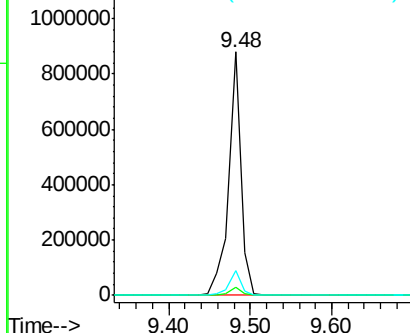
#49
Dimethylphthalate
Concen: 38.18 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 918461
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.4 8.2 12.4

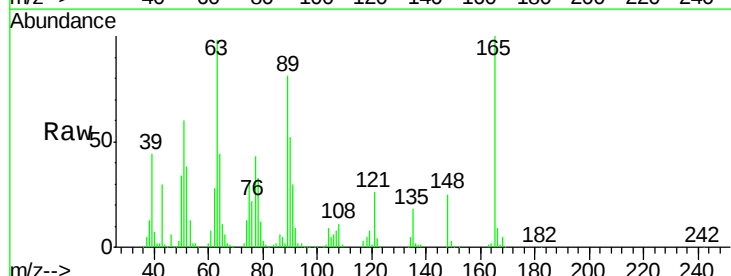


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

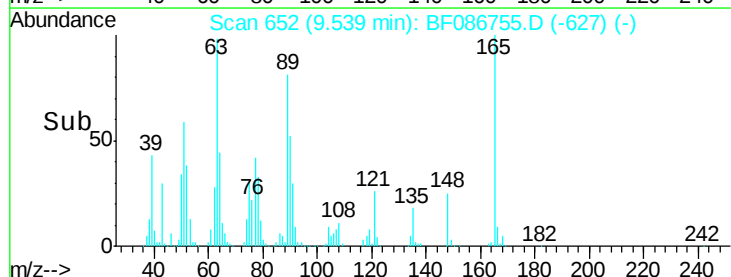
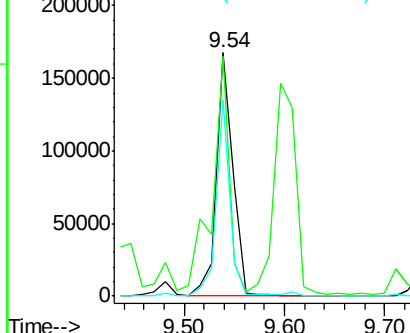


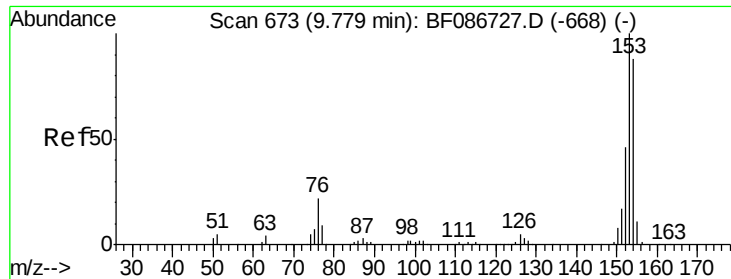
#50
2,6-Dinitrotoluene
Concen: 37.06 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion:165 Resp: 191327
Ion Ratio Lower Upper
165 100
63 98.4 51.8 77.8#
89 80.6 50.7 76.1#



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





#51

Acenaphthene

Concen: 40.19 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampled :

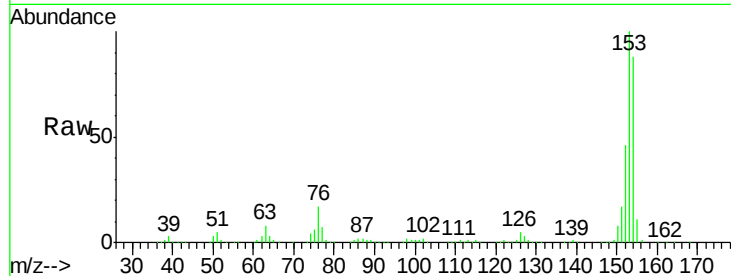
Tot Ion:154 Resp: 801315

Ion Ratio Lower Upper

154 100

153 113.6 89.8 134.6

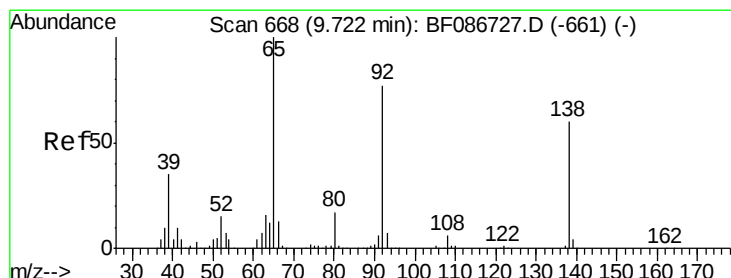
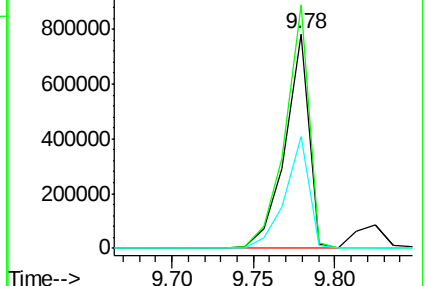
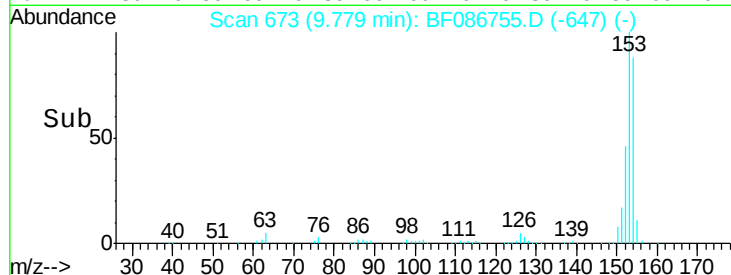
152 52.4 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.61 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

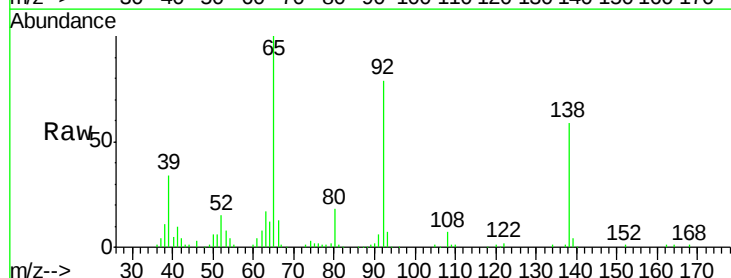
Tgt Ion:138 Resp: 91620

Ion Ratio Lower Upper

138 100

108 11.8 7.8 11.6#

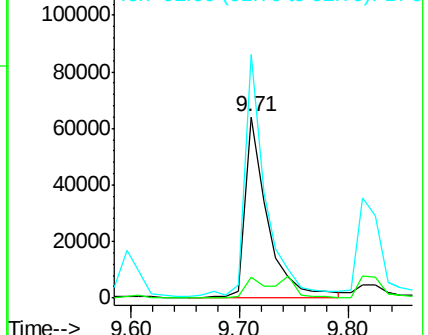
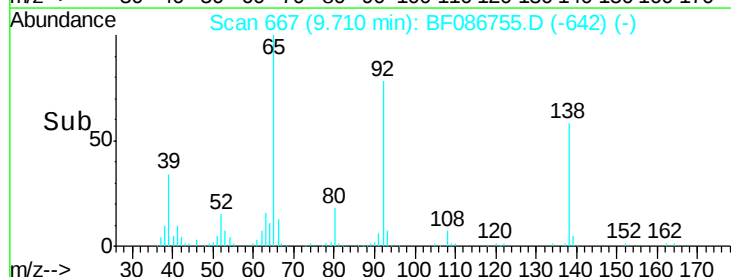
92 134.6 87.8 131.8#

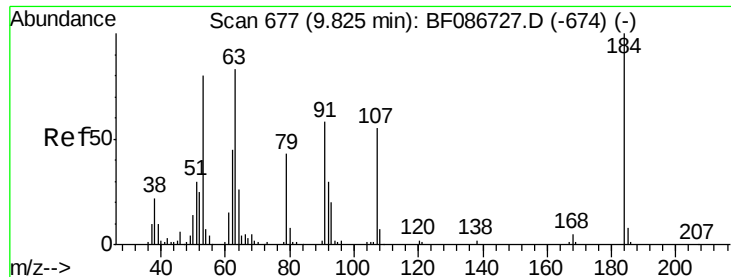


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

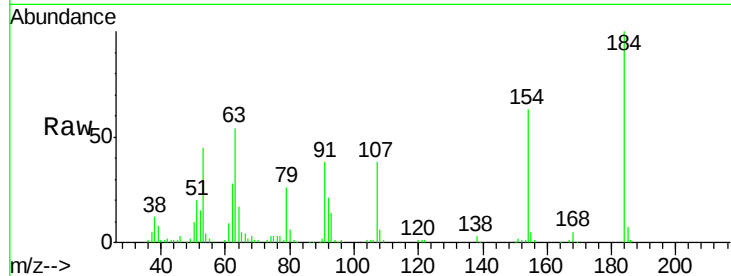




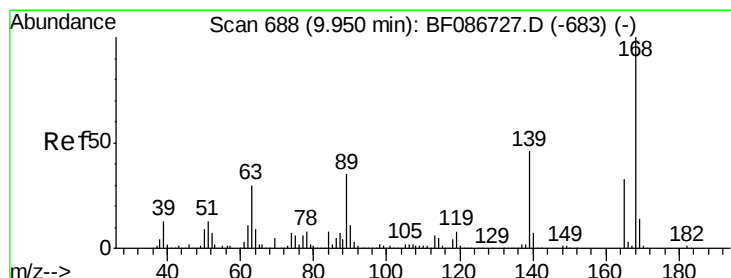
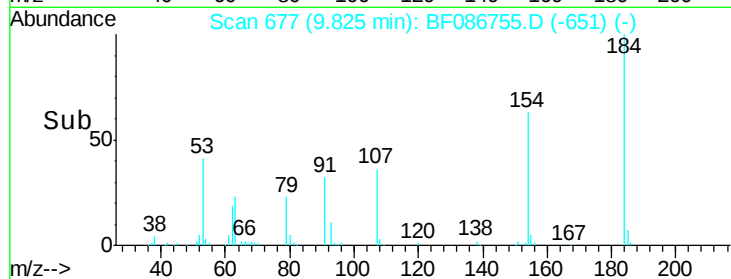
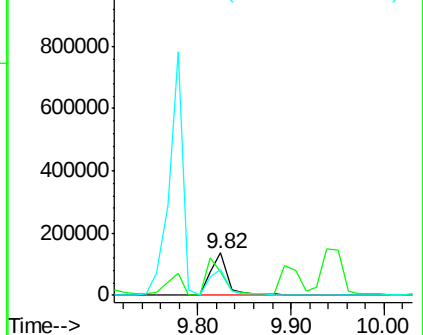
#53
2,4-Dinitrophenol
Concen: 82.62 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 178962
Ion Ratio Lower Upper
184 100
63 54.2 55.8 83.8#
154 62.5 62.4 93.6

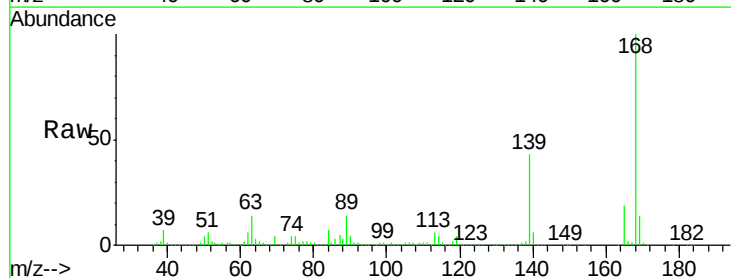


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

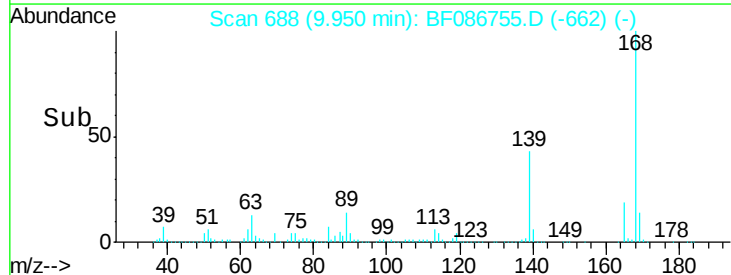
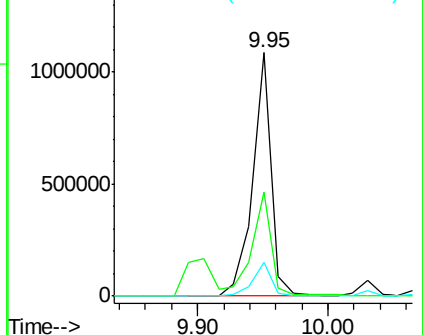


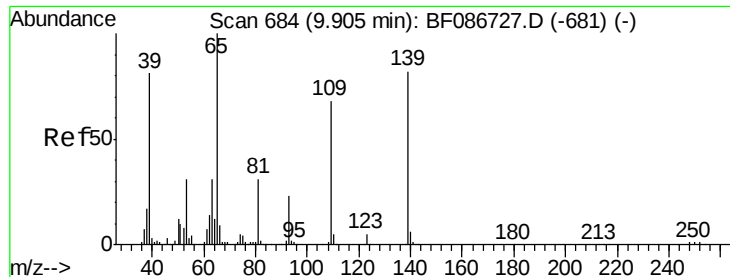
#54
Dibenzofuran
Concen: 43.24 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion:168 Resp: 1068461
Ion Ratio Lower Upper
168 100
139 42.9 31.4 47.0
169 13.7 10.7 16.1



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





#55

4-Nitrophenol

Concen: 70.17 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :
BNA_F
ClientSampleId :

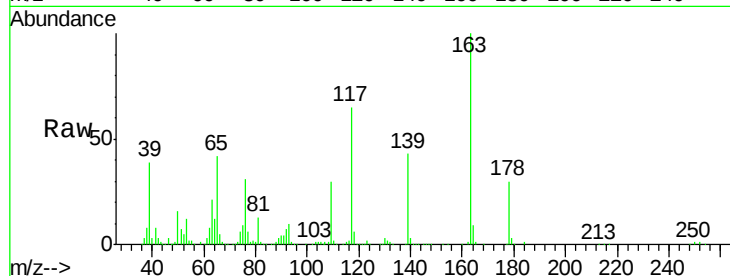
Tot Ion:139 Resp: 240114

Ion Ratio Lower Upper

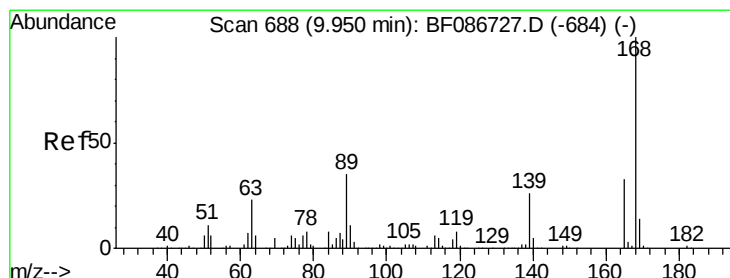
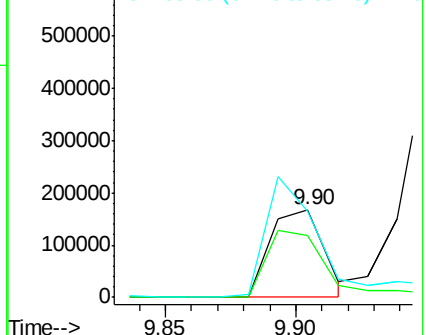
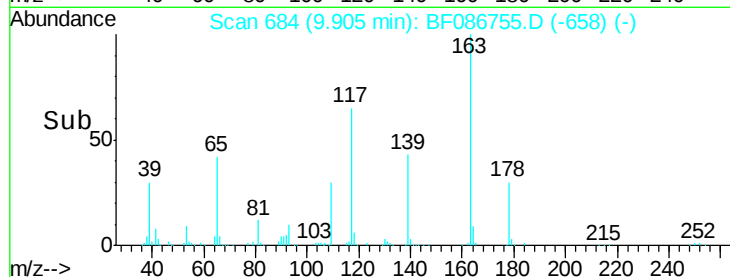
139 100

109 70.0 36.9 76.9

65 97.8 64.0 104.0



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



#56

2,4-Dinitrotoluene

Concen: 41.12 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Tgt Ion:165 Resp: 263115

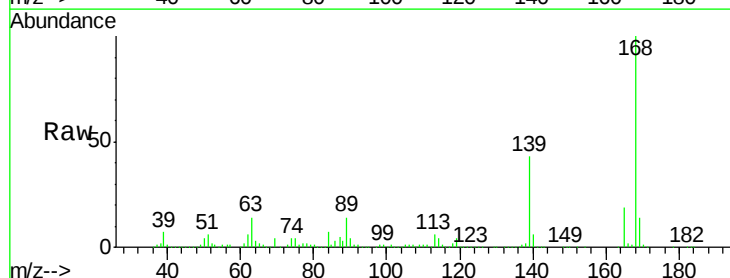
Ion Ratio Lower Upper

165 100

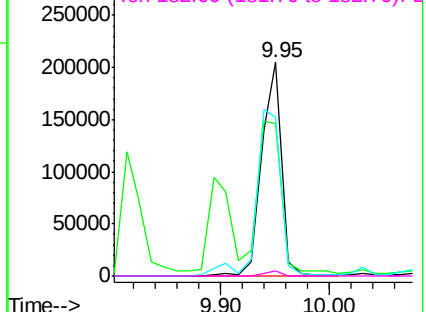
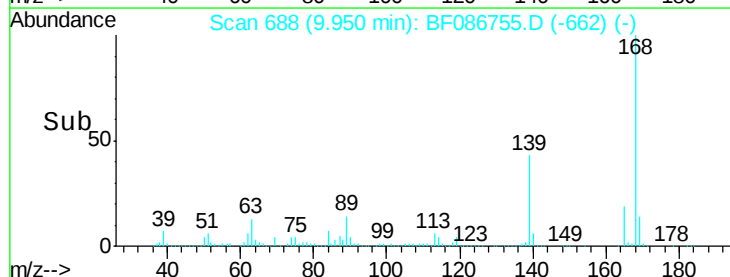
63 71.6 44.3 66.5#

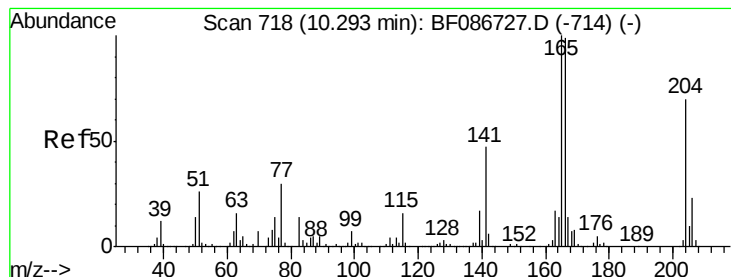
89 74.3 70.0 105.0

182 2.2 1.8 2.6



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





#57

Fluorene

Concen: 44.80 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

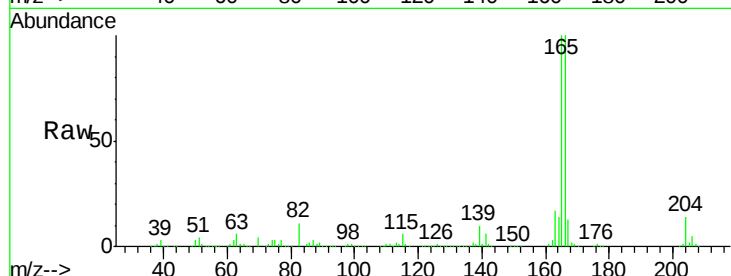
Tot Ion:166 Resp: 897239

Ion Ratio Lower Upper

166 100

165 99.7 79.0 118.6

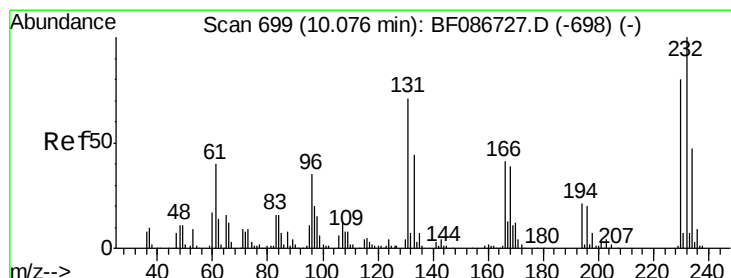
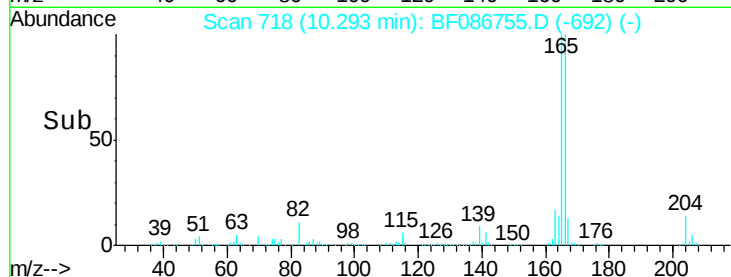
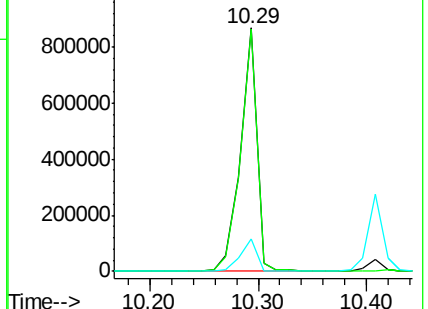
167 13.3 10.6 15.8



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: 50.45 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Tgt Ion:232 Resp: 229933

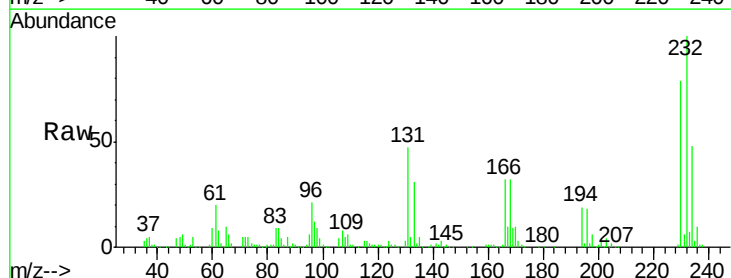
Ion Ratio Lower Upper

232 100

131 52.6 41.9 62.9

130 2.9 2.2 3.4

166 32.7 26.8 40.2

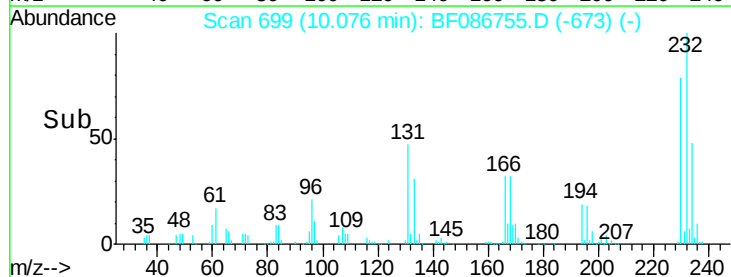
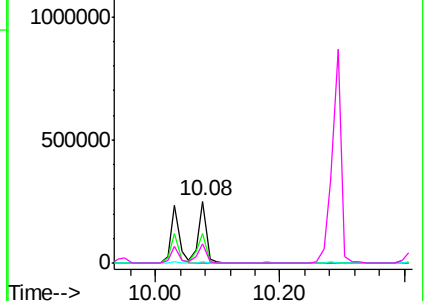


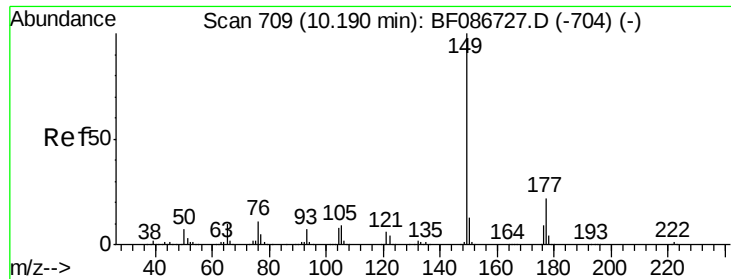
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

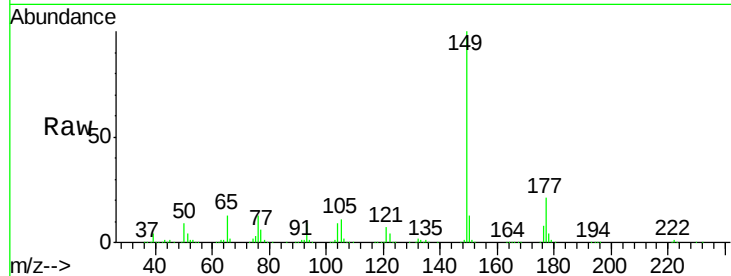




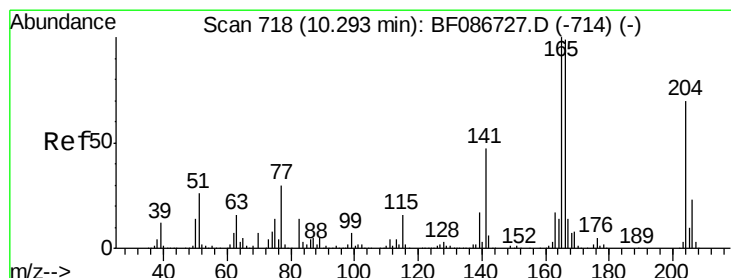
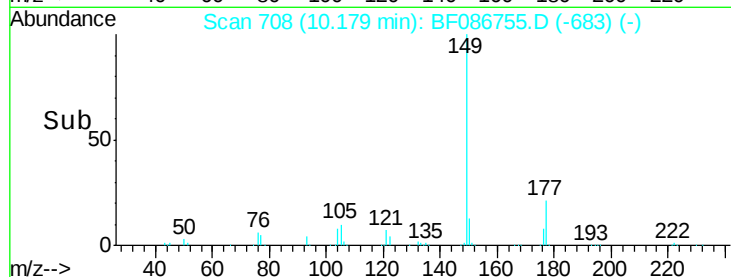
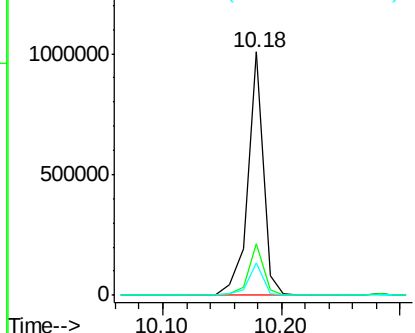
#59
Diethylphthalate
Concen: 40.32 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 918078
Ion Ratio Lower Upper
149 100
177 21.3 16.6 24.8
150 13.2 10.0 15.0

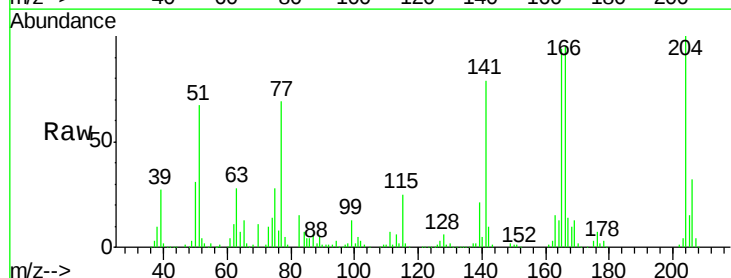


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

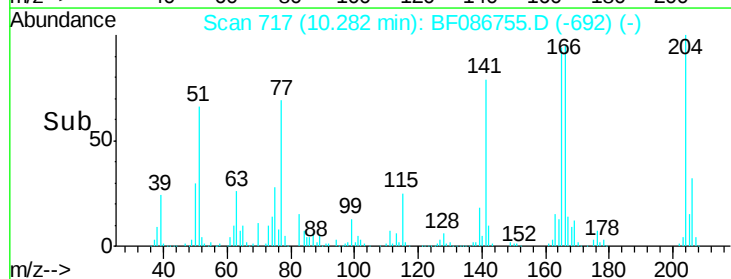
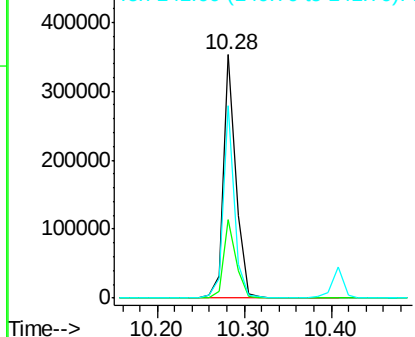


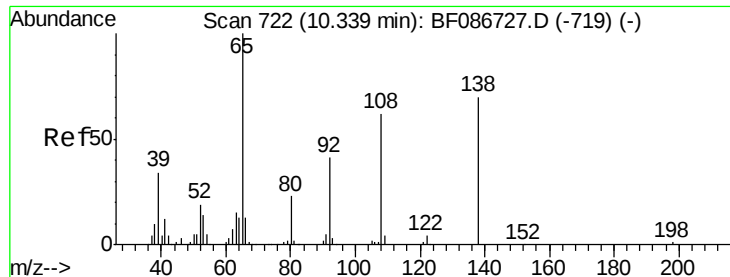
#60
4-Chlorophenyl-phenylether
Concen: 37.51 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion:204 Resp: 357137
Ion Ratio Lower Upper
204 100
206 32.3 25.4 38.0
141 79.0 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

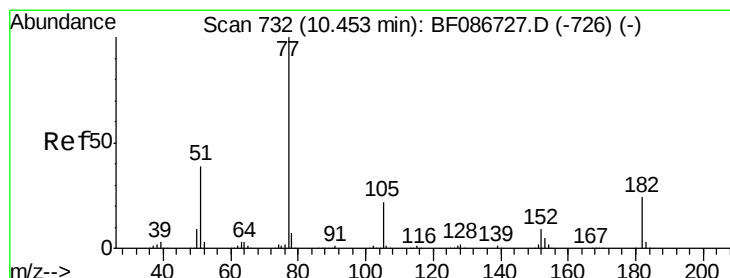
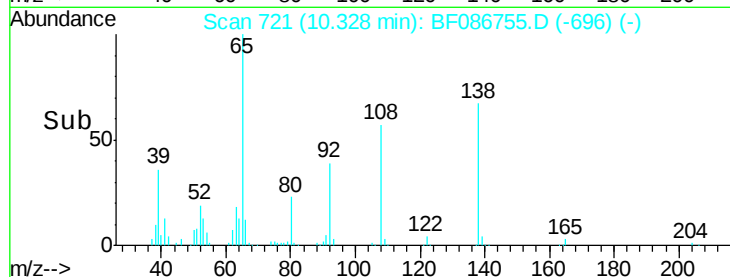
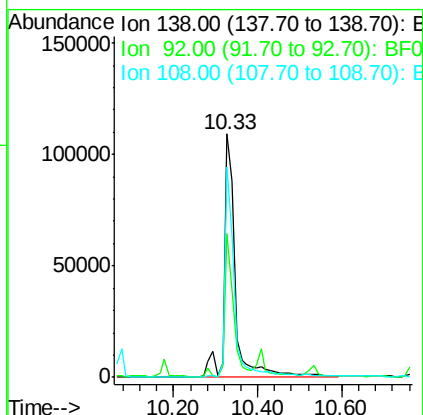
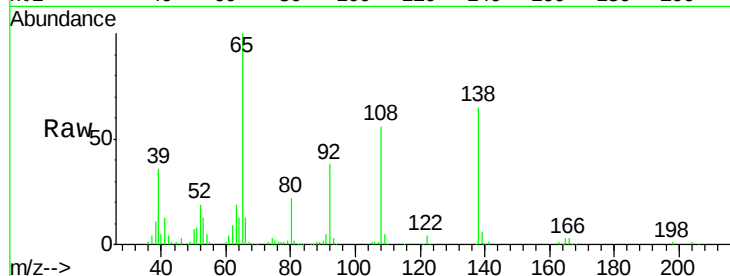




#61
4-Nitroaniline
Concen: 35.71 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

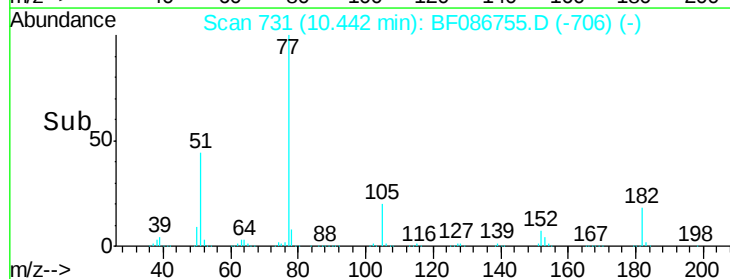
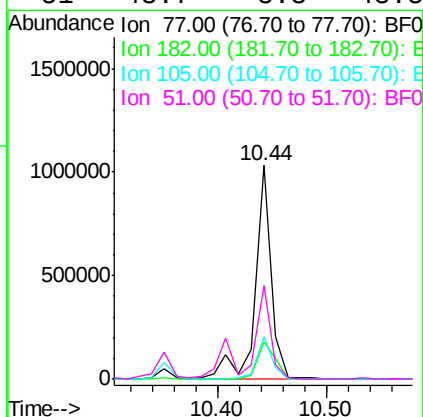
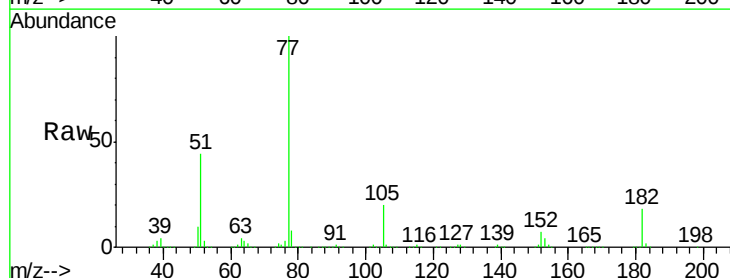
Instrument :
BNA_F
ClientSampled :

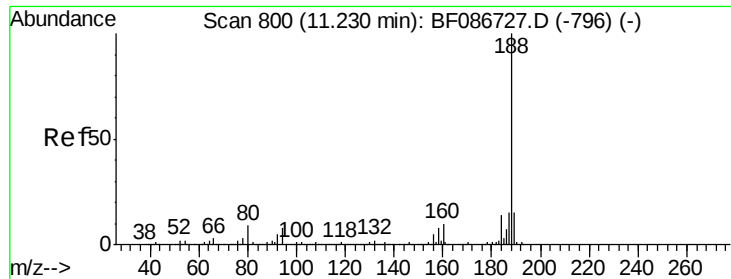
Tot Ion:138 Resp: 201391
Ion Ratio Lower Upper
138 100
92 58.9 24.7 64.7
108 86.3 37.4 77.4#



#62
Azobenzene
Concen: 42.12 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion: 77 Resp: 1062843
Ion Ratio Lower Upper
77 100
182 17.5 0.0 38.8
105 20.0 3.2 43.2
51 43.7 8.8 48.8

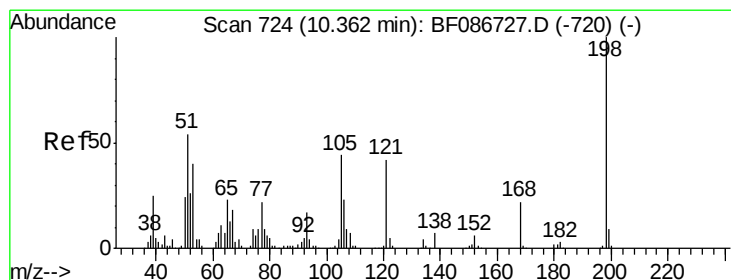
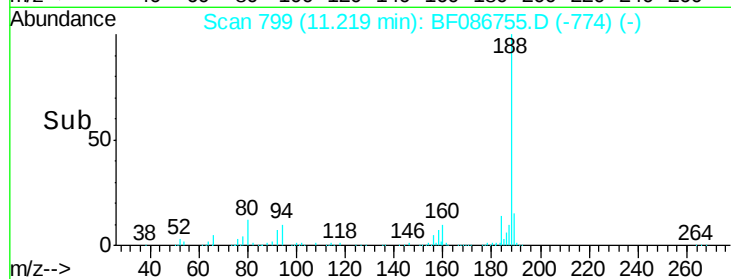
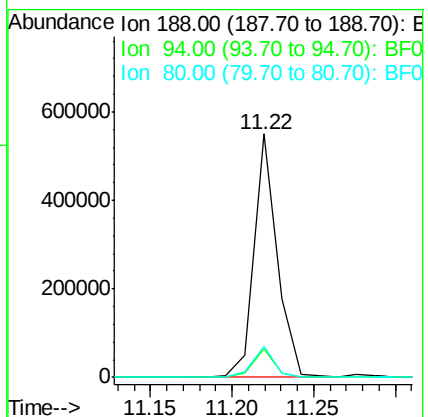
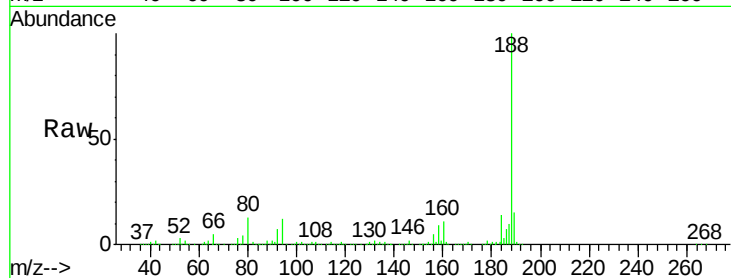




#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

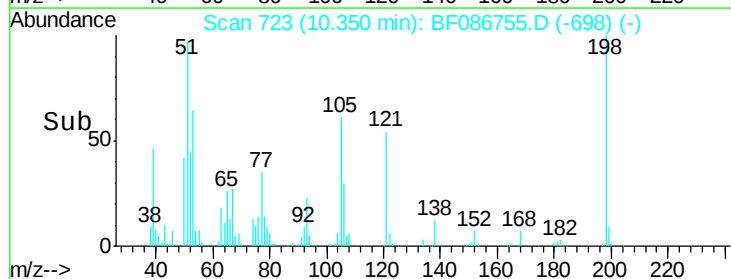
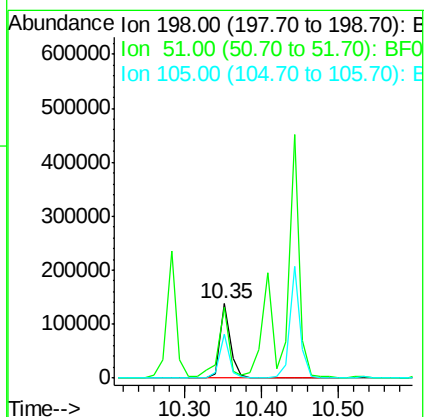
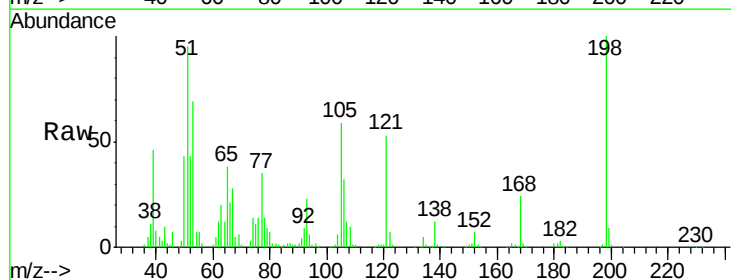
Instrument :
BNA_F
ClientSampleId :

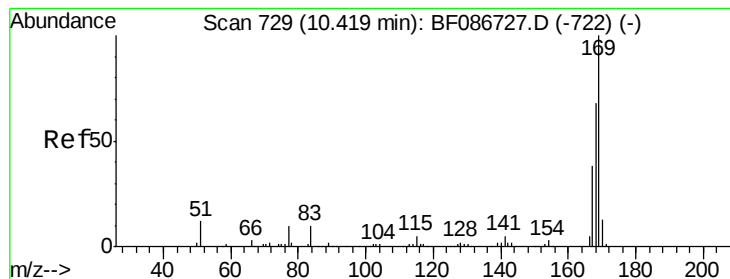
Tot Ion:188 Resp: 545415
Ion Ratio Lower Upper
188 100
94 11.6 6.8 10.2#
80 12.7 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 48.35 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion:198 Resp: 133655
Ion Ratio Lower Upper
198 100
51 94.7 20.5 60.5#
105 59.4 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 41.05 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampled :

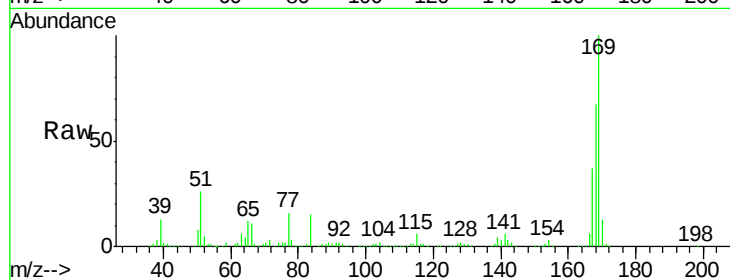
Tot Ion:169 Resp: 710870

Ion Ratio Lower Upper

169 100

168 67.1 53.8 80.6

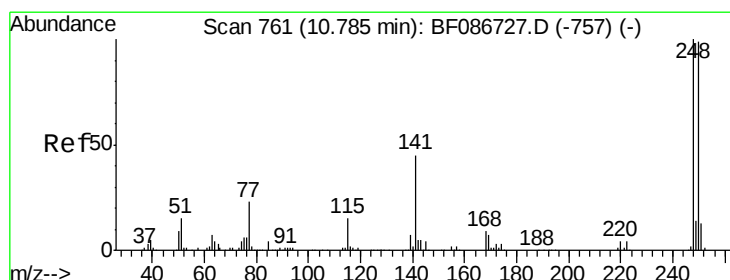
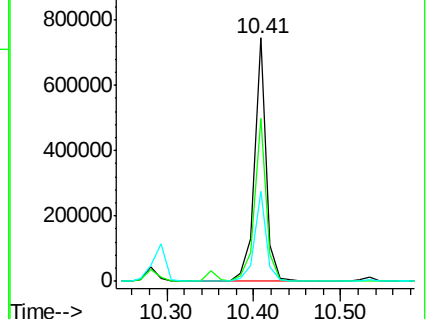
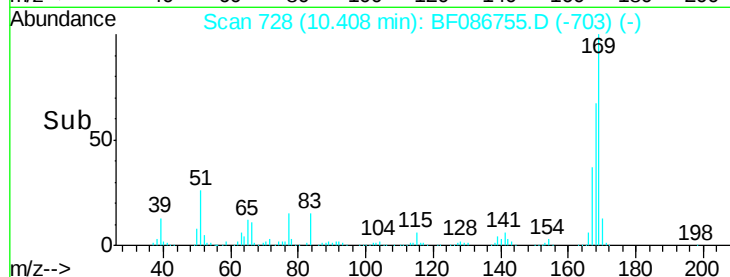
167 36.7 29.5 44.3



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: 45.91 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

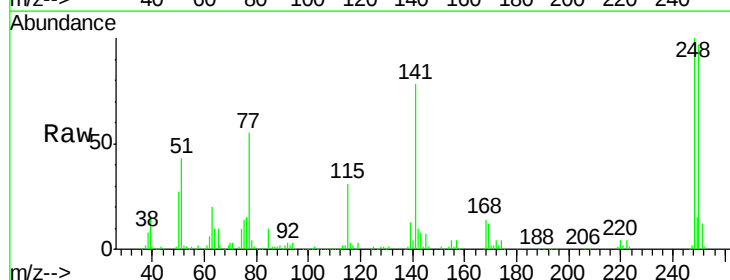
Tgt Ion:248 Resp: 248815

Ion Ratio Lower Upper

248 100

250 97.2 78.6 117.8

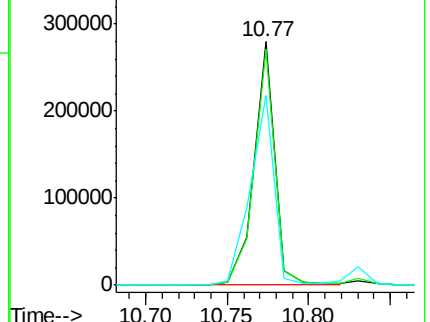
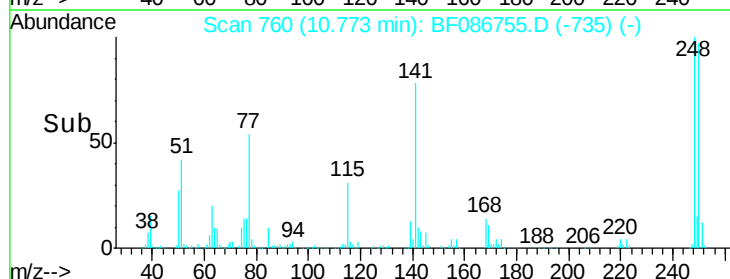
141 78.0 76.0 114.0

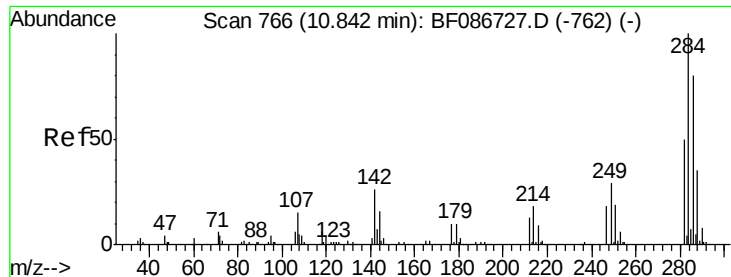


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

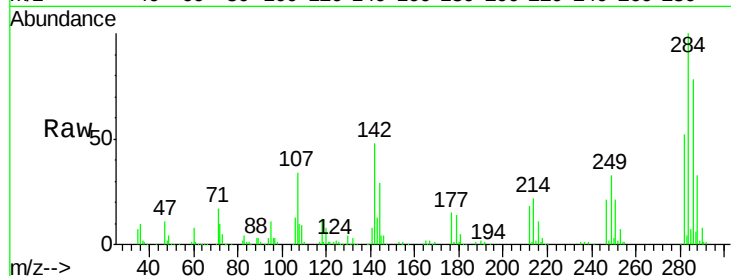




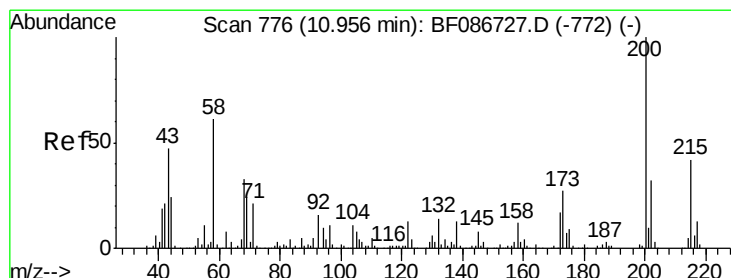
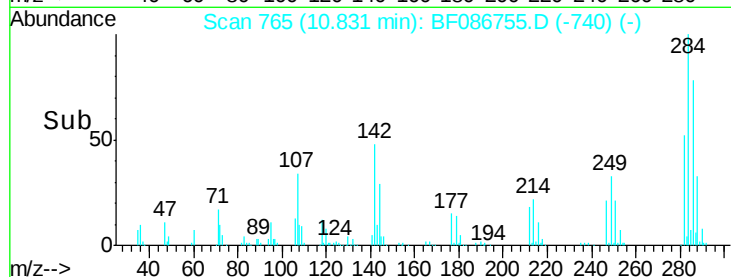
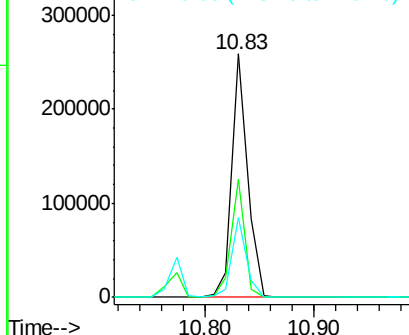
#67
Hexachlorobenzene
Concen: 38.95 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 257464
Ion Ratio Lower Upper
284 100
142 48.3 16.7 25.1#
249 32.9 21.3 31.9#

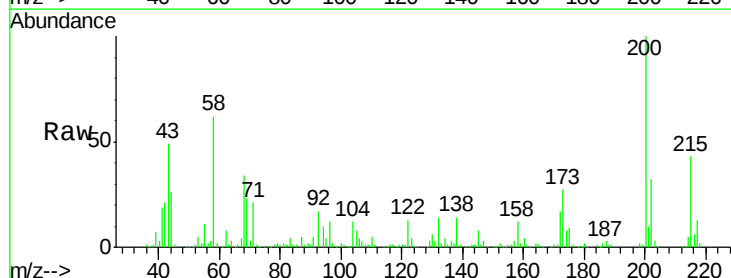


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

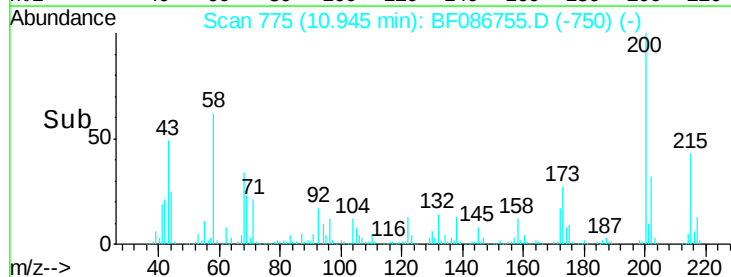
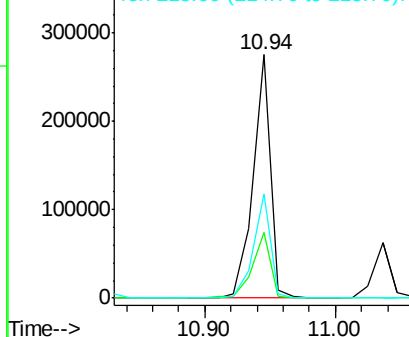


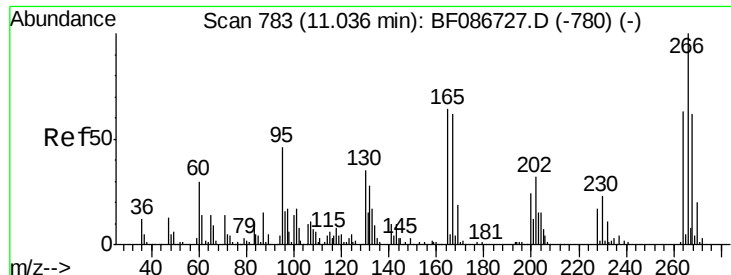
#68
Atrazine
Concen: 48.15 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion:200 Resp: 255555
Ion Ratio Lower Upper
200 100
173 26.8 8.5 48.5
215 42.7 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

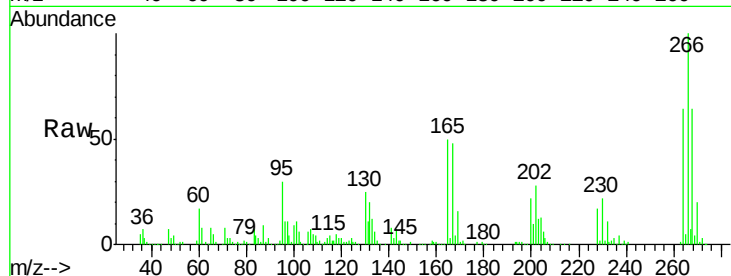




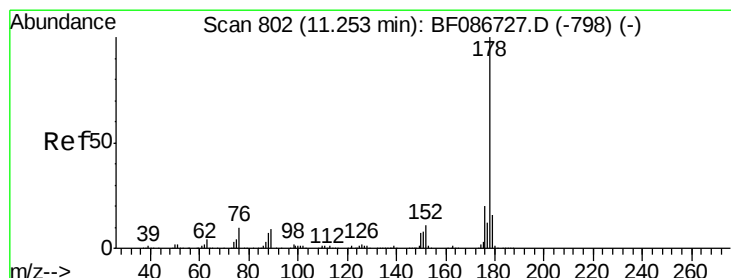
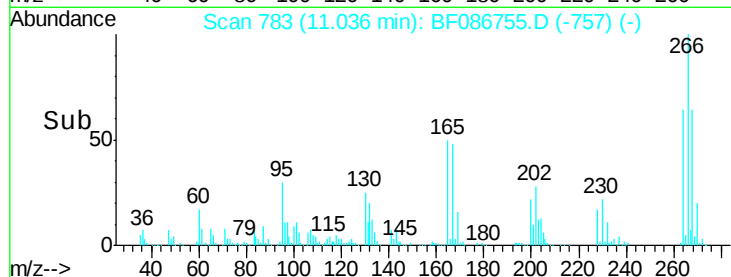
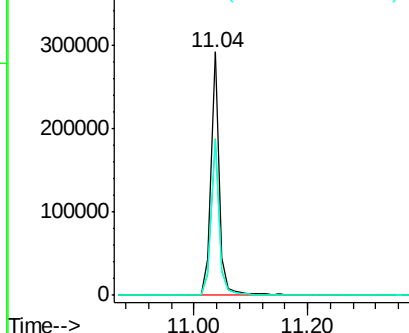
#69
 Pentachlorophenol
 Concen: 87.86 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 283811
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.5 77.3
 264 63.8 52.9 79.3

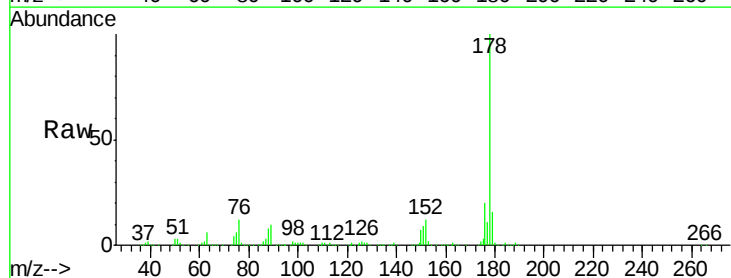


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

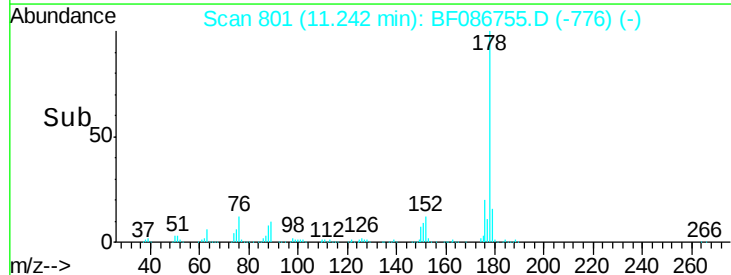
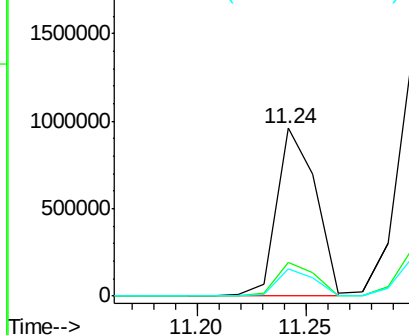


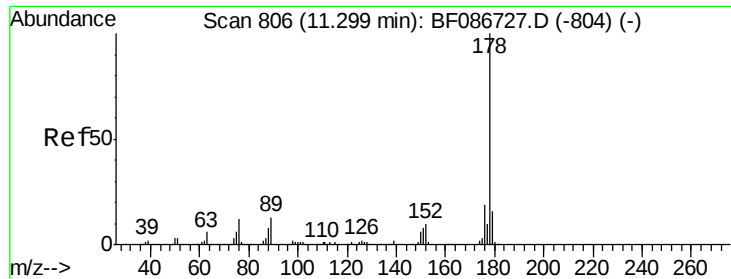
#70
 Phenanthrene
 Concen: 41.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion:178 Resp: 1201214
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.2 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

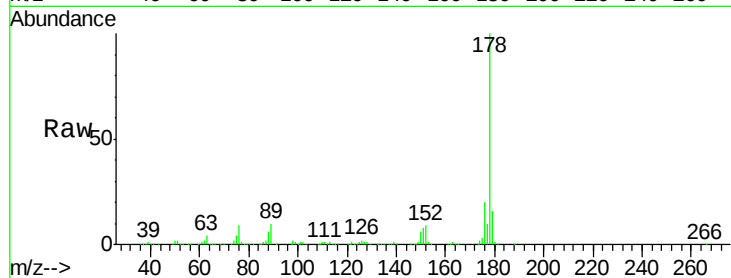




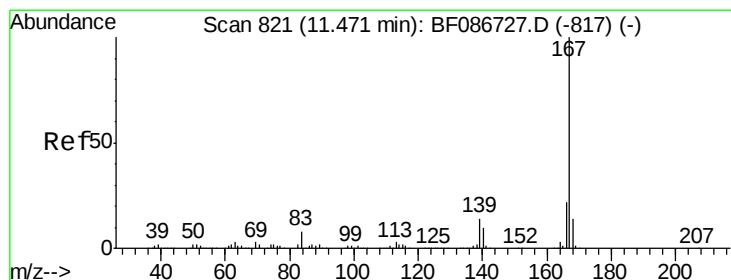
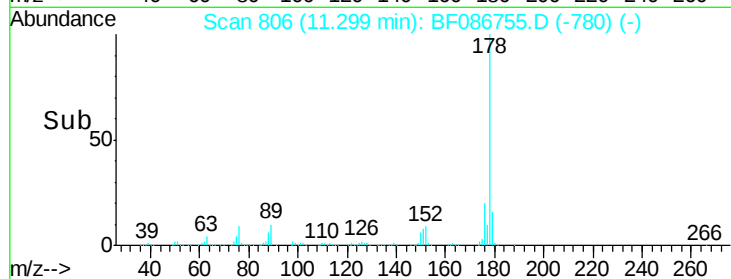
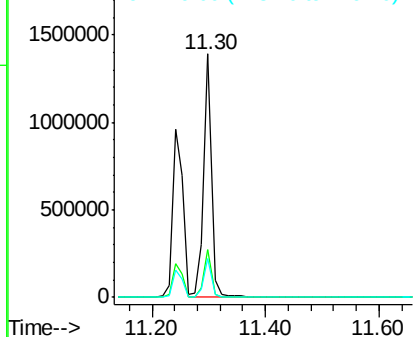
#71
 Anthracene
 Concen: 42.10 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1291545
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.6 23.4
 179 16.1 12.7 19.1

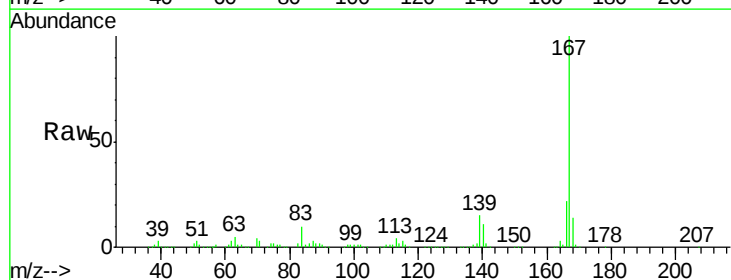


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

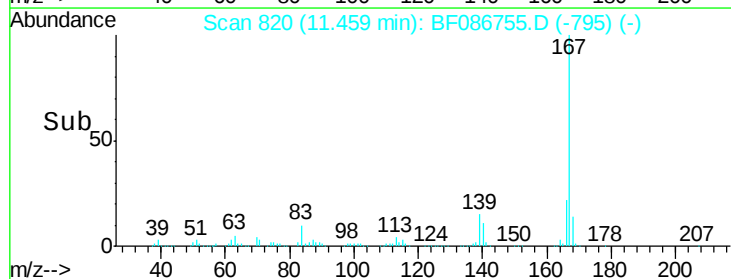
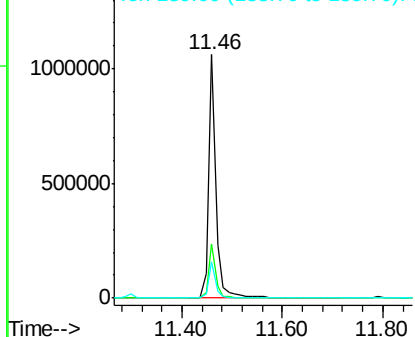


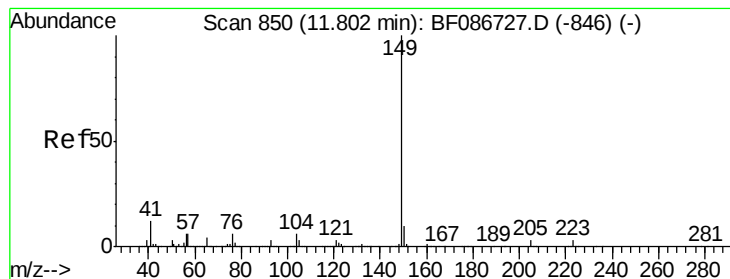
#72
 Carbazole
 Concen: 40.21 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion:167 Resp: 1071184
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 14.7 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: 40.49 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

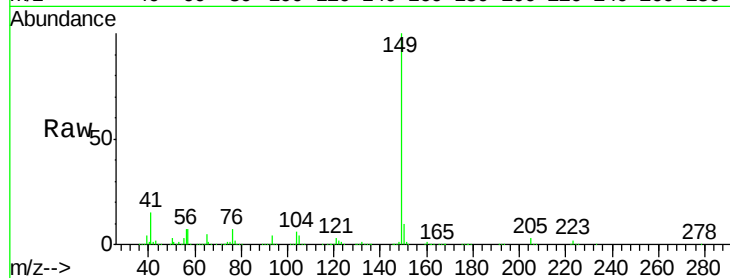
Tot Ion:149 Resp: 1280478

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

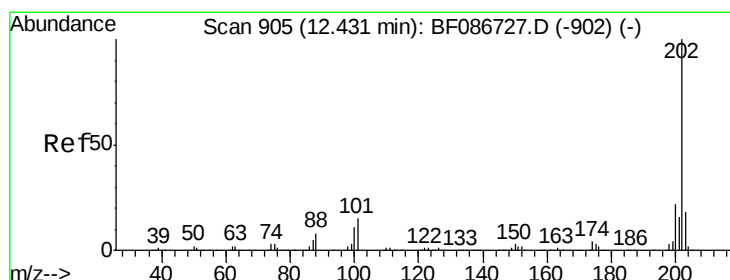
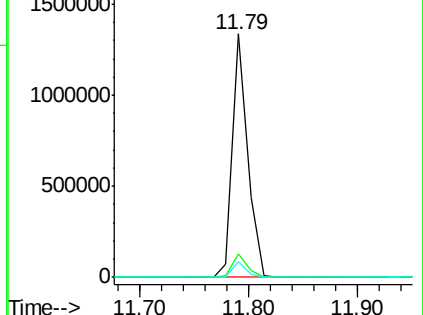
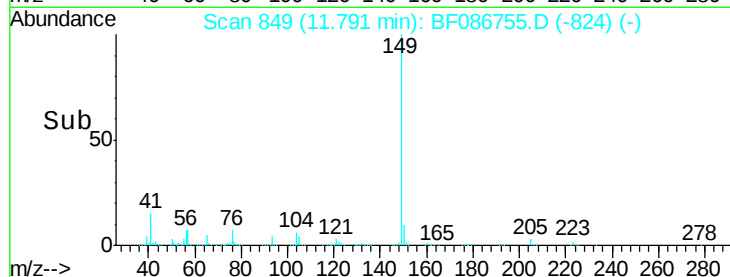
104 6.2 3.8 5.6#



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: 43.58 ng

RT: 12.43 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

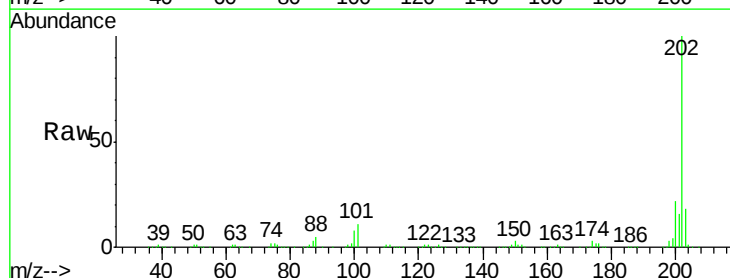
Tgt Ion:202 Resp: 1279414

Ion Ratio Lower Upper

202 100

101 11.3 0.0 35.4

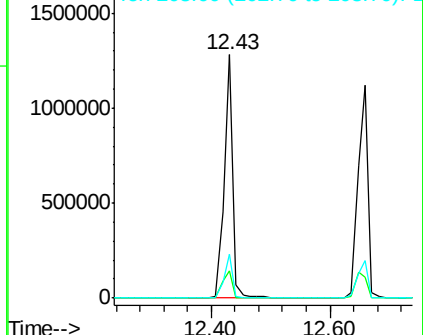
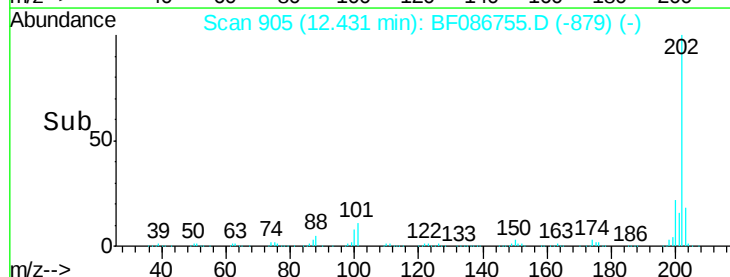
203 18.0 0.0 38.1

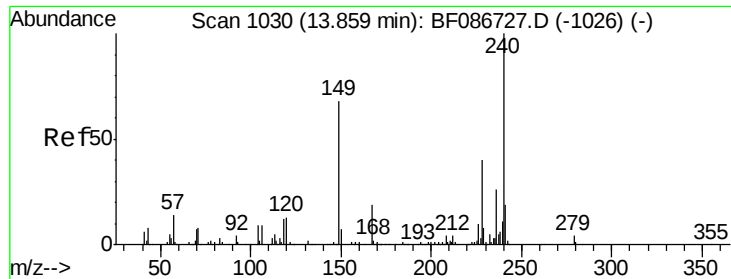


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

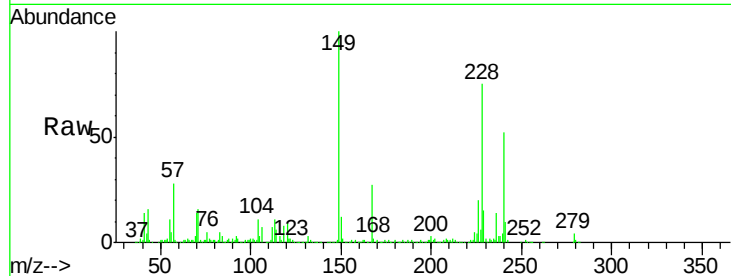
Tot Ion:240 Resp: 357221

Ion Ratio Lower Upper

240 100

120 17.4 11.2 16.8#

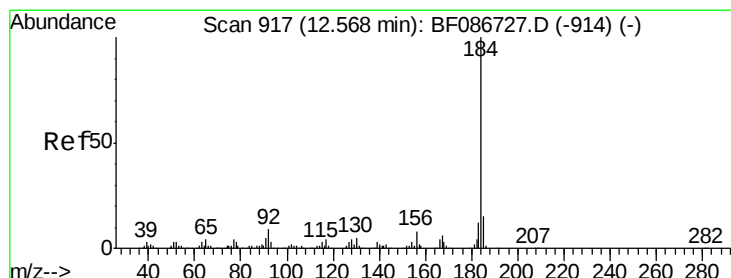
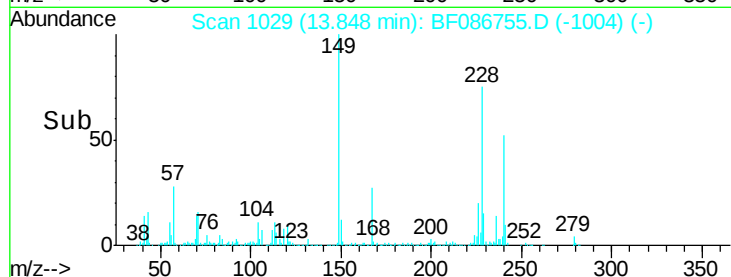
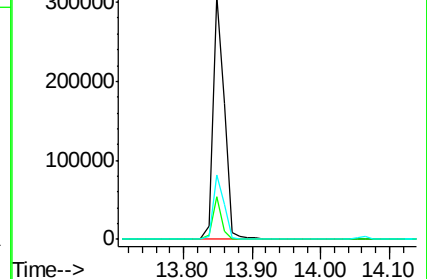
236 26.3 21.2 31.8



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: 34.30 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

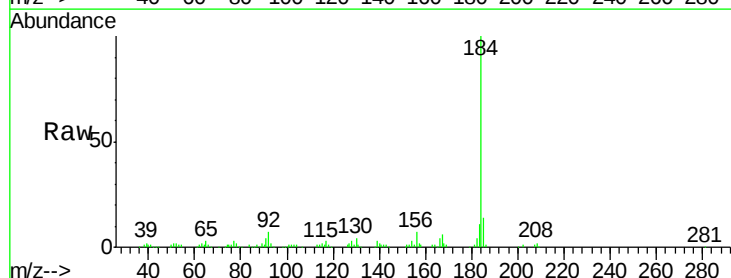
Tgt Ion:184 Resp: 312409

Ion Ratio Lower Upper

184 100

185 14.1 13.6 20.4

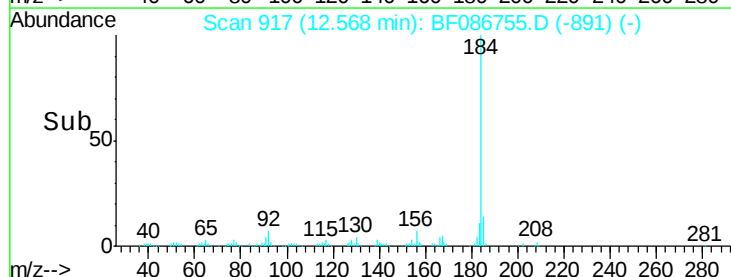
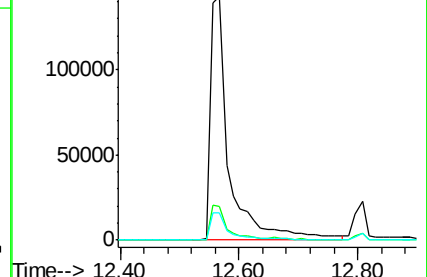
183 11.1 9.8 14.6

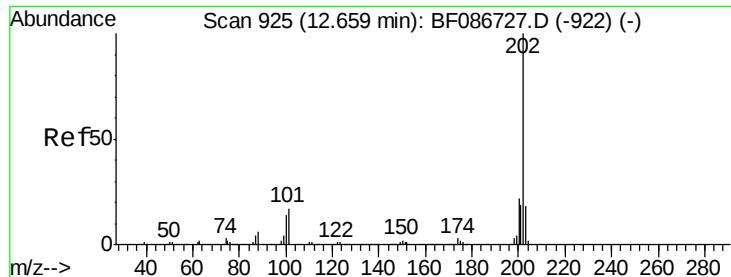


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

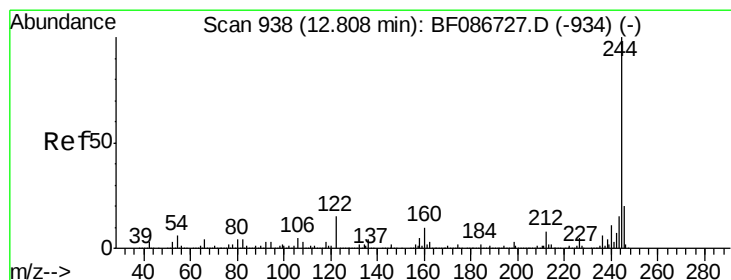
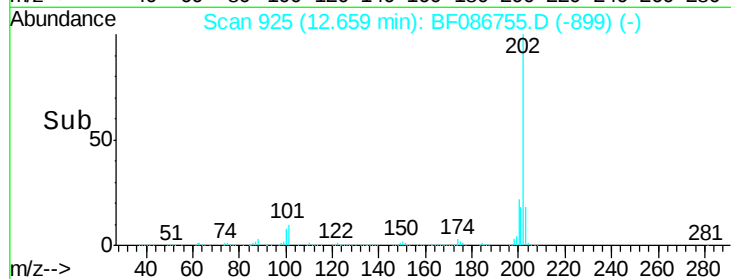
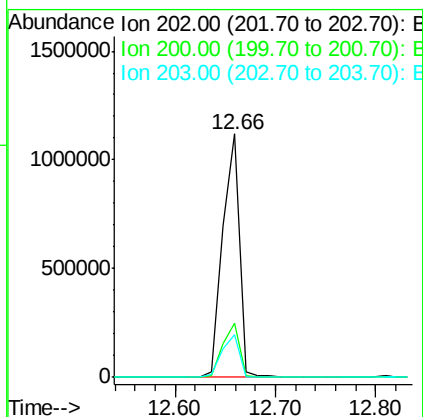
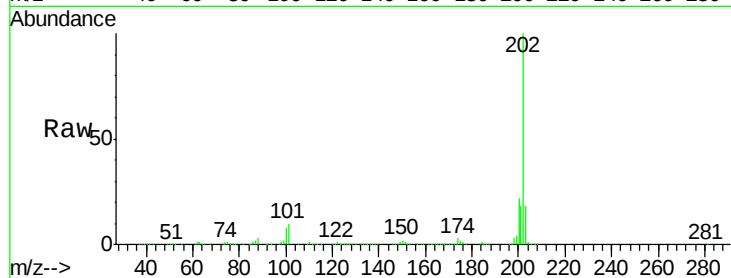




#77
Pvrene
Concen: 45.70 ng
RT: 12.66 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

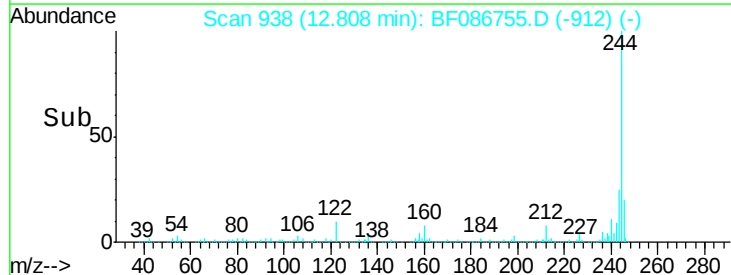
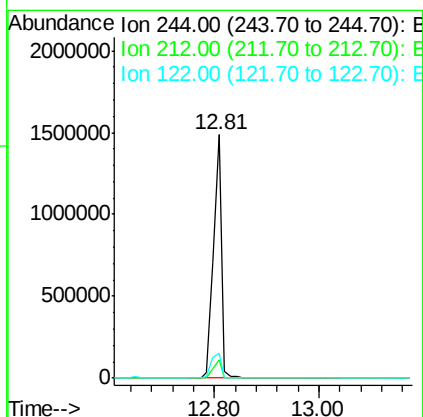
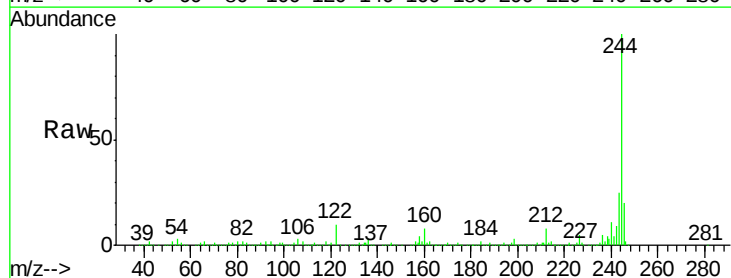
Instrument :
BNA_F
ClientSampleId :

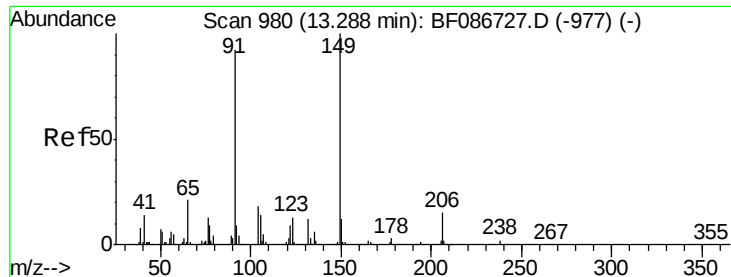
Tot Ion:202 Resp: 1301568
Ion Ratio Lower Upper
202 100
200 22.4 17.7 26.5
203 17.6 14.2 21.4



#78
Terphenyl-d14
Concen: 89.97 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF086755.D
Acq: 7 May 2016 6:08

Tgt Ion:244 Resp: 1590179
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 9.9 12.0 18.0#





#79

Butylbenzylphthalate

Concen: 49.98 ng

RT: 13.29 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

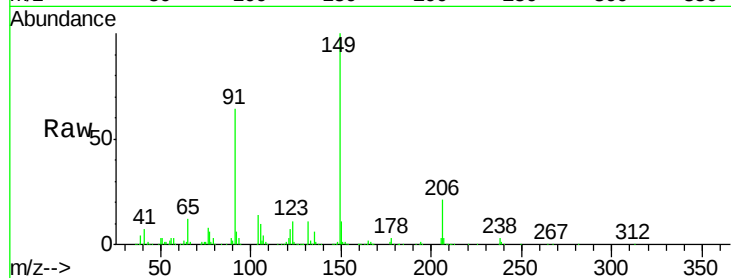
Tot Ion:149 Resp: 596172

Ion Ratio Lower Upper

149 100

91 64.0 48.0 72.0

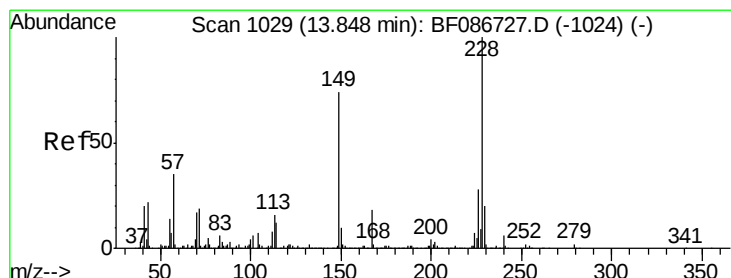
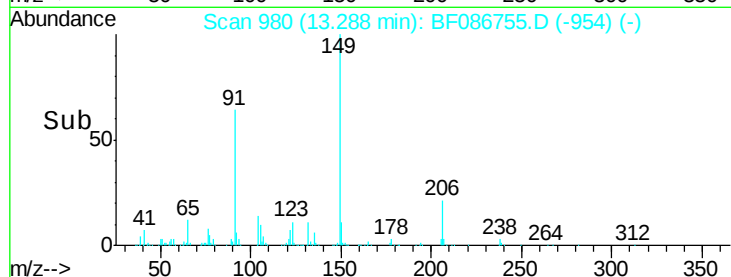
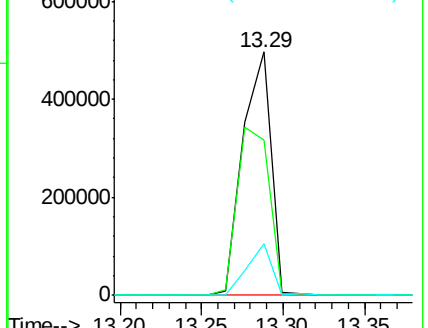
206 20.9 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.83 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

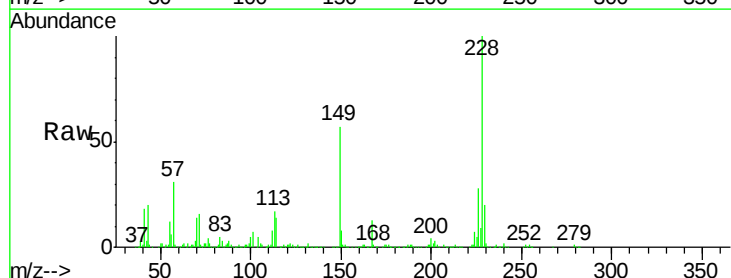
Tgt Ion:228 Resp: 905667

Ion Ratio Lower Upper

228 100

226 27.9 22.5 33.7

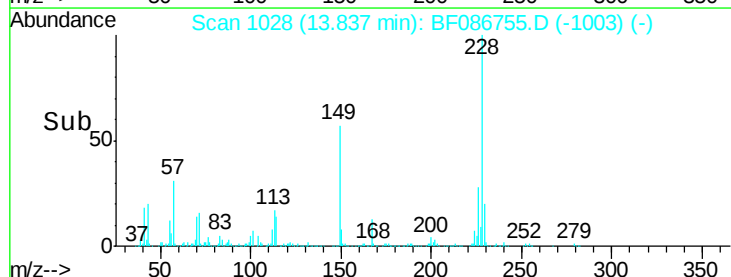
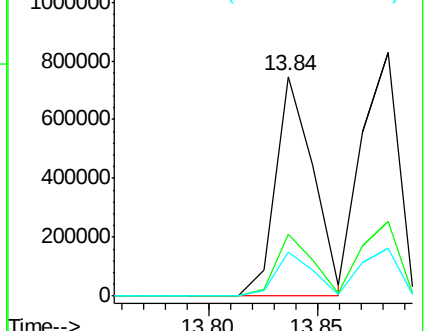
229 20.3 16.6 25.0

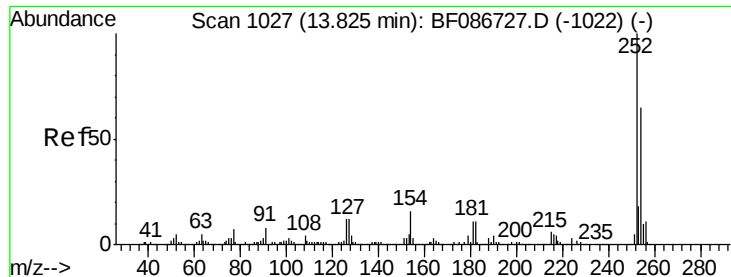


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

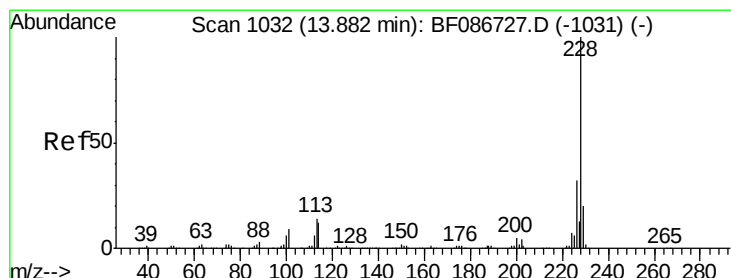
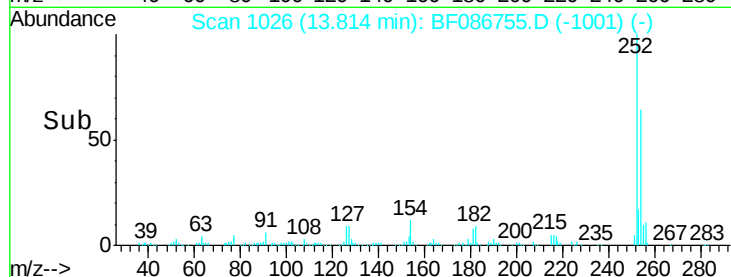
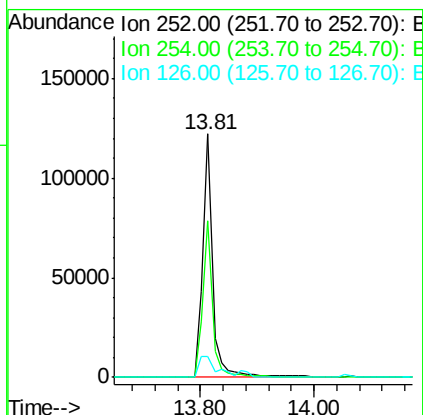
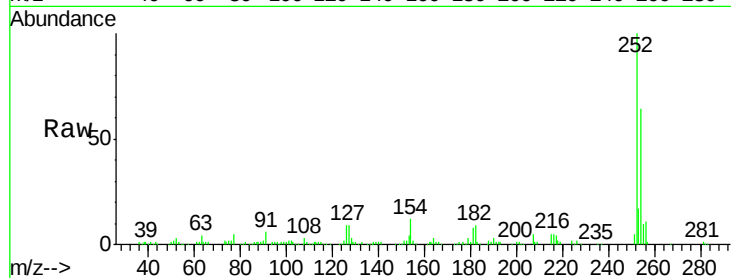




#81
 3,3'-Dichlorobenzidine
 Concen: 11.39 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

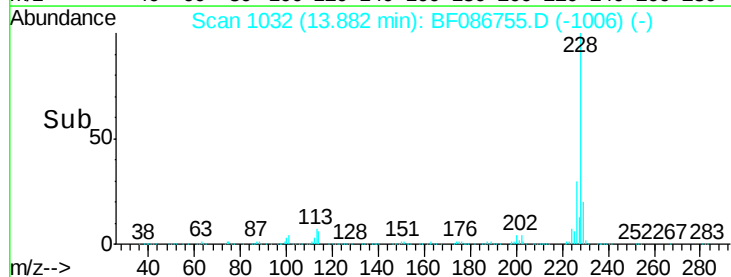
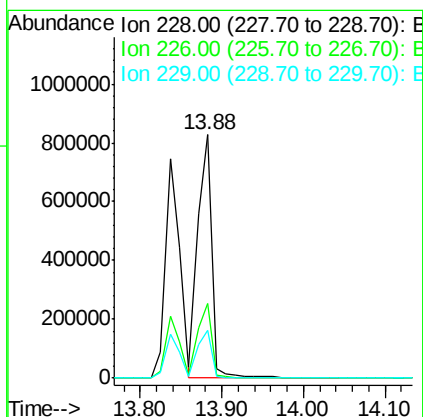
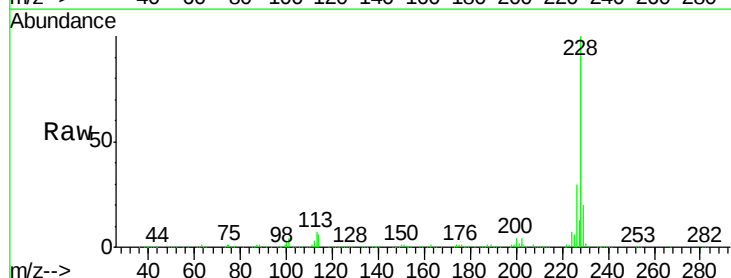
Instrument :
 BNA_F
 ClientSampleId :

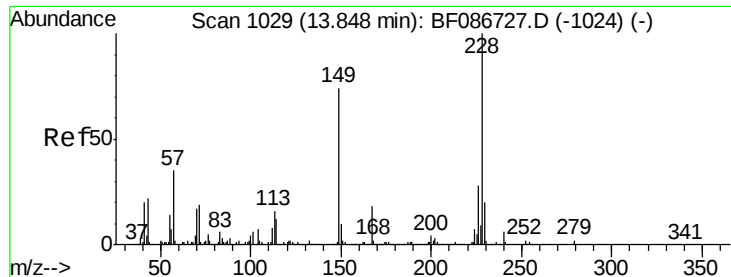
Tot Ion:252 Resp: 144652
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.7 76.1
 126 8.6 12.7 19.1#



#82
 Chrysene
 Concen: 46.55 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion:228 Resp: 1003220
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.4 36.6
 229 19.7 15.8 23.8

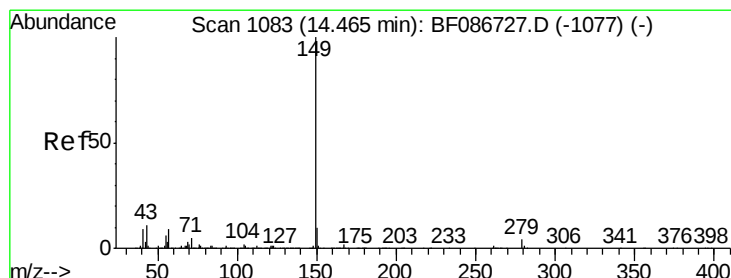
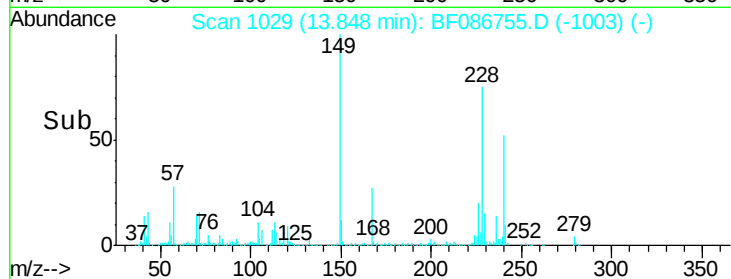
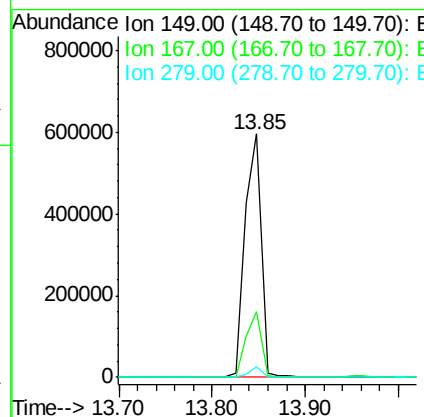
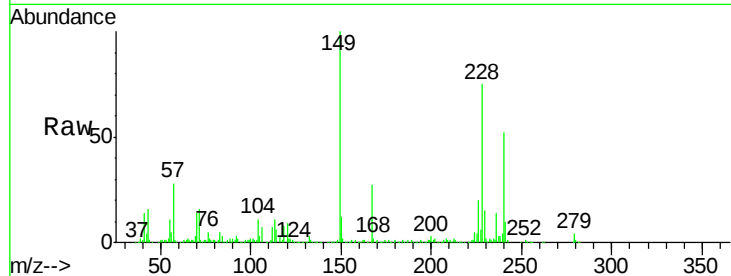




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.17 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

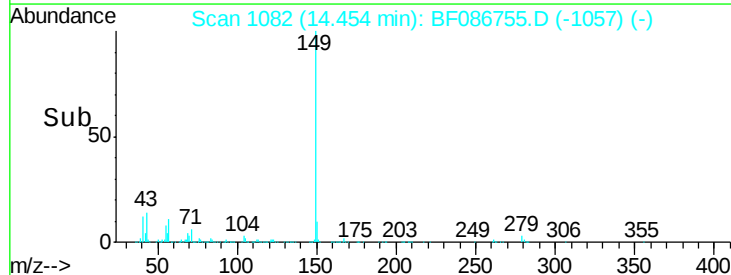
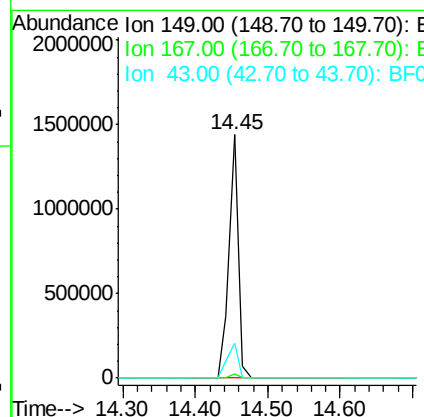
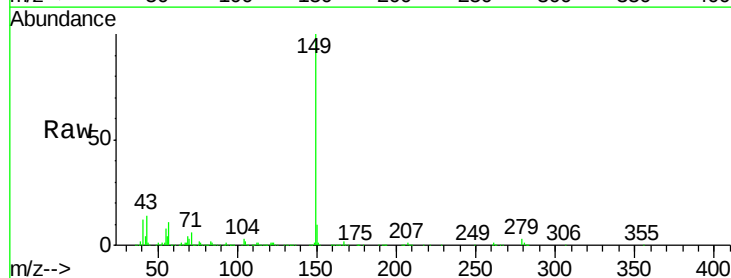
Instrument :
 BNA_F
 ClientSampleId :

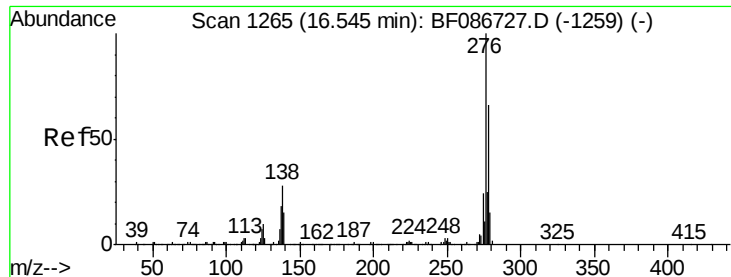
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.6
279	4.4	2.6	4.0



#84
 Di-n-octyl phthalate
 Concen: 63.65 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	16.8	8.2	12.4

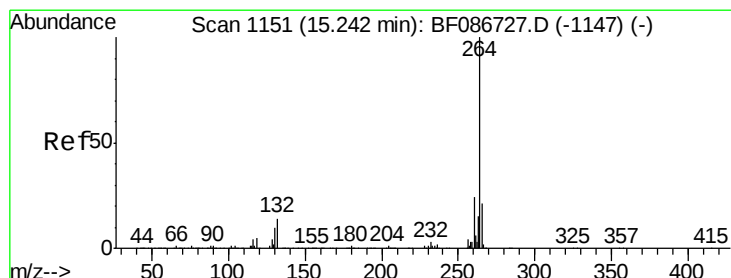
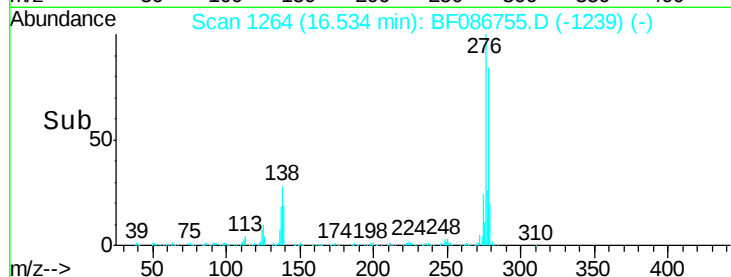
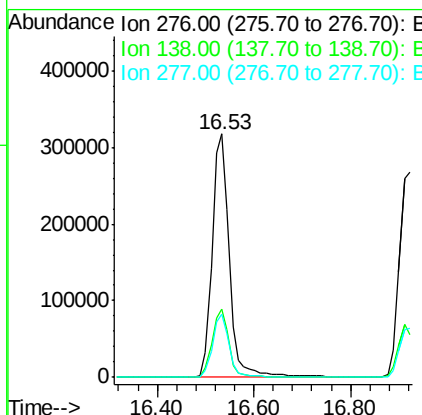
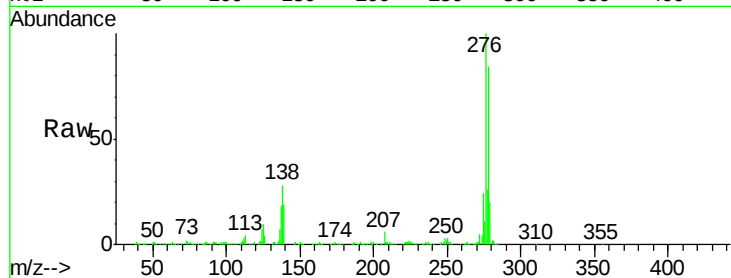




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.32 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

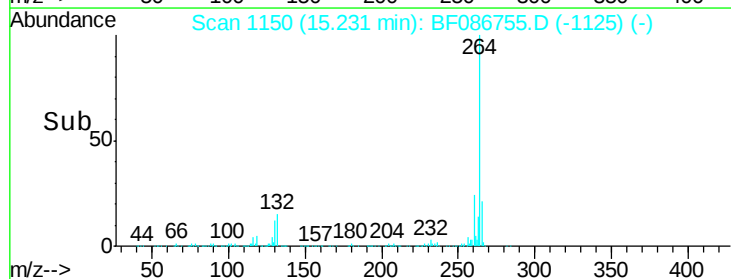
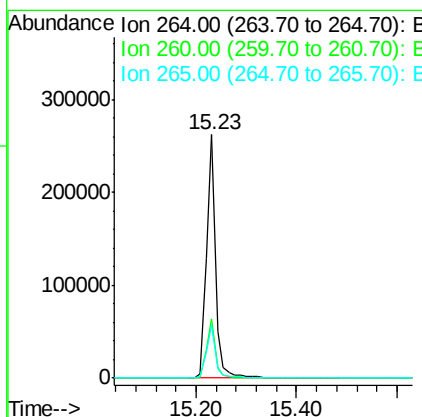
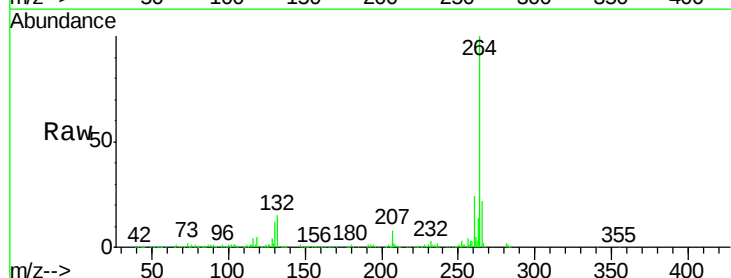
Instrument :
 BNA_F
 ClientSampleId :

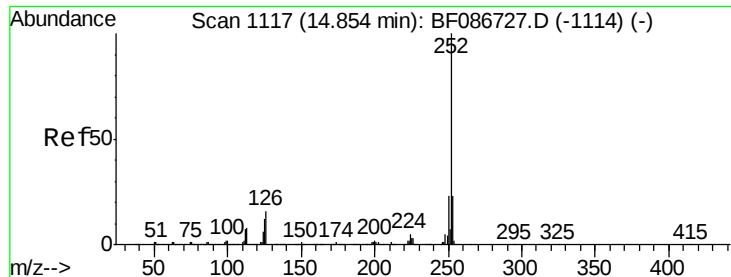
Tot Ion:276 Resp: 801133
 Ion Ratio Lower Upper
 276 100
 138 27.9 25.6 38.4
 277 25.4 20.5 30.7



#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Tgt Ion:264 Resp: 330073
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.7 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 88.16 ng

RT: 14.88 min Scan# 1119

Delta R.T. 0.02 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampled :

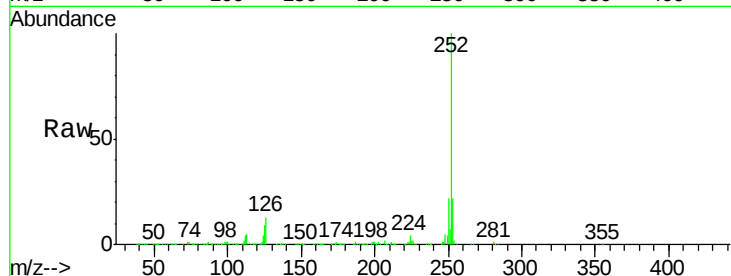
Tot Ion:252 Resp: 1748549

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

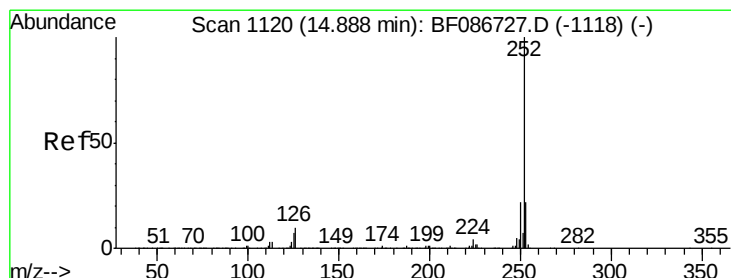
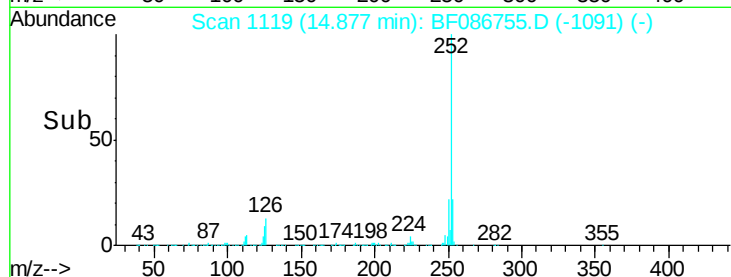
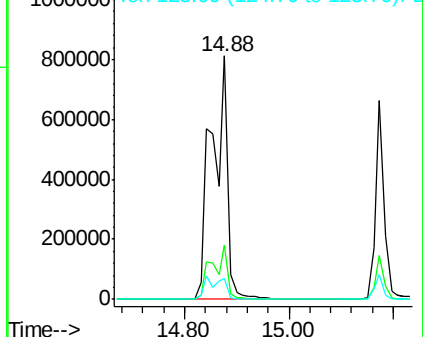
125 8.6 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 93.69 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

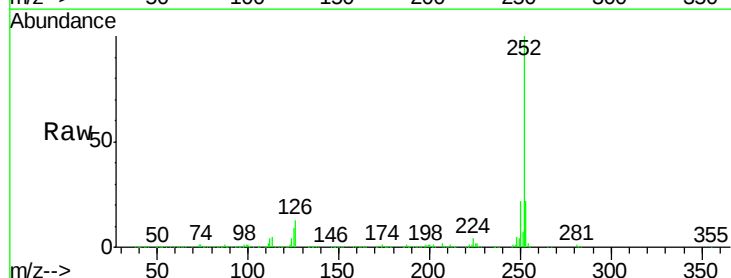
Tgt Ion:252 Resp: 1750803

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

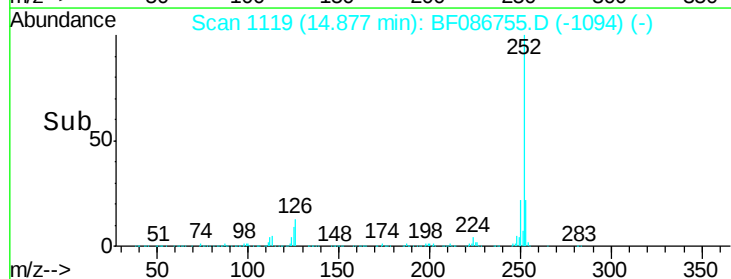
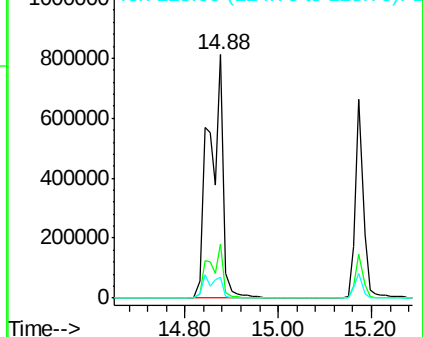
125 8.6 9.1 13.7#

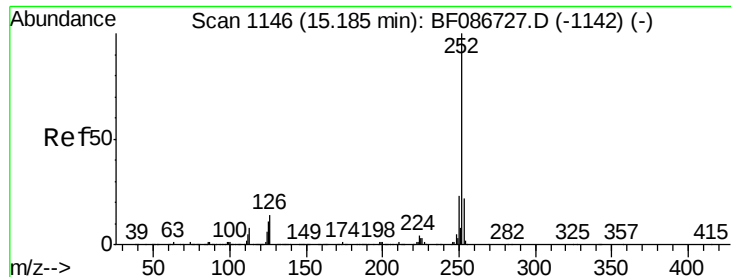


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.22 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

Instrument :

BNA_F

ClientSampleId :

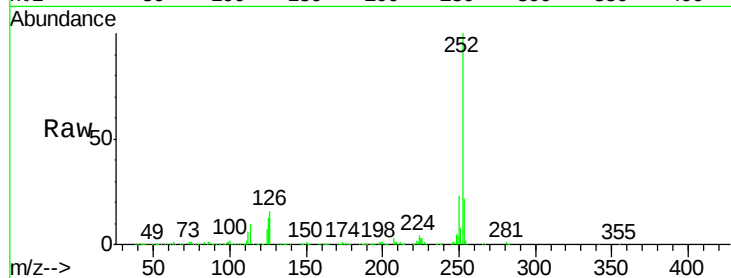
Tot Ion:252 Resp: 771323

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

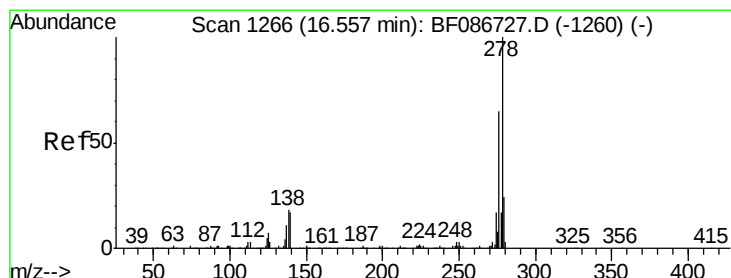
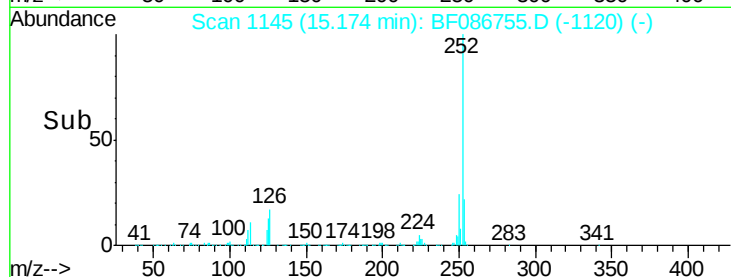
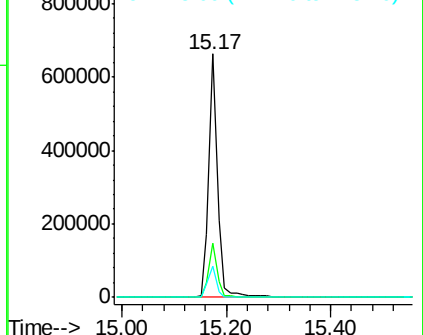
125 12.7 9.0 13.6



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: 38.19 ng

RT: 16.55 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF086755.D

Acq: 7 May 2016 6:08

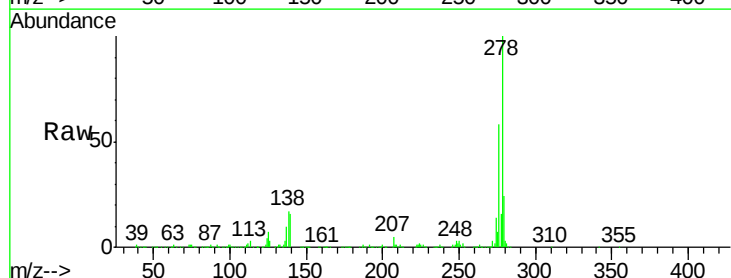
Tgt Ion:278 Resp: 670194

Ion Ratio Lower Upper

278 100

139 15.6 16.6 24.8#

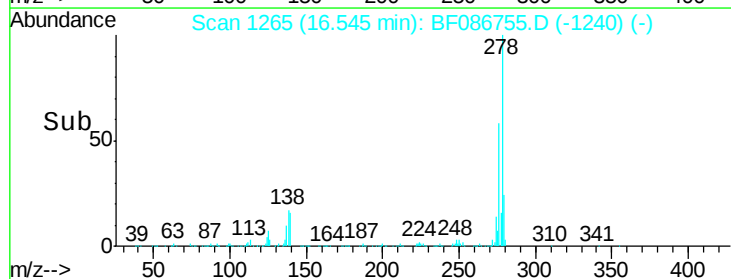
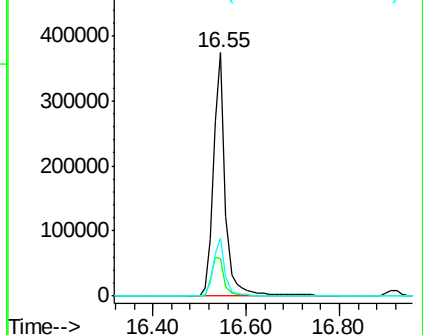
279 24.0 19.6 29.4

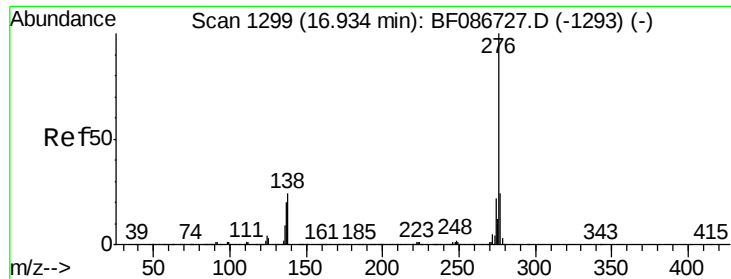


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

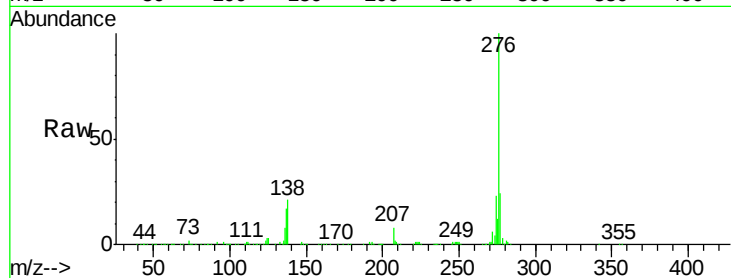




#91
 Benzo(a,h,i)perylene
 Concen: 34.92 ng
 RT: 16.92 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF086755.D
 Acq: 7 May 2016 6:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	20.7	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

