

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051916\
 Data File : BF087185.D
 Acq On : 19 May 2016 13:33
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 18:10:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	131030	20.00	ng	-0.03
21) Naphthalene-d8	7.86	136	555219	20.00	ng	-0.03
38) Acenaphthene-d10	9.60	164	258113	20.00	ng	-0.05
63) Phenanthrene-d10	11.09	188	501479	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	359802	20.00	ng	-0.05
86) Perylene-d12	15.06	264	272856	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	632648	81.16	ng	-0.06
7) Phenol-d6	6.24	99	756903	72.39	ng	-0.05
23) Nitrobenzene-d5	7.15	82	864113	77.57	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	223422	78.33	ng	-0.05
44) 2-Fluorobiphenyl	8.94	172	1147548	73.63	ng	-0.05
78) Terphenyl-d14	12.66	244	1133937	71.29	ng	-0.05

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.98	88	157183	39.20	ng	# 76
3) Pyridine	2.60	79	372794	38.43	ng	# 64
4) n-Nitrosodimethylamine	2.57	42	265504	38.62	ng	# 52
6) Aniline	6.24	93	507735	38.23	ng	# 86
8) 2-Chlorophenol	6.35	128	362576	38.23	ng	82
9) Benzaldehyde	6.11	77	202132	34.67	ng	98
10) Phenol	6.25	94	494240	37.60	ng	76
11) bis(2-Chloroethyl)ether	6.32	93	380130	38.52	ng	93
12) 1,3-Dichlorobenzene	6.74	146	339152	33.64	ng	100
13) 1,4-Dichlorobenzene	6.74	146	341996	33.15	ng	98
14) 1,2-Dichlorobenzene	6.74	146	344639	38.16	ng	97
15) Benzyl Alcohol	6.73	79	308116	39.59	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	6.86	45	764406	37.68	ng	61
17) 2-Methylphenol	6.86	107	285171	36.61	ng	# 75
18) Hexachloroethane	7.07	117	152887	38.77	ng	99
19) n-Nitroso-di-n-propylamine	7.00	70	309905	38.99	ng	# 71
20) 3+4-Methylphenols	7.02	107	398392	38.77	ng	# 61
22) Acetophenone	6.99	105	524355	38.59	ng	# 96
24) Nitrobenzene	7.16	77	439496	36.13	ng	96
25) Isophorone	7.40	82	752832	36.92	ng	97
26) 2-Nitrophenol	7.48	139	206601	41.00	ng	# 85
27) 2,4-Dimethylphenol	7.54	122	332229	38.64	ng	88
28) bis(2-Chloroethoxy)methane	7.62	93	399472	35.68	ng	# 98
29) 2,4-Dichlorophenol	7.74	162	295281	38.97	ng	97
30) 1,2,4-Trichlorobenzene	7.80	180	335748	39.93	ng	98
31) Naphthalene	7.87	128	1027649	37.88	ng	99
32) Benzoic acid	7.70	122	171549	33.47	ng	# 75
33) 4-Chloroaniline	7.94	127	412828	36.61	ng	# 88
34) Hexachlorobutadiene	8.00	225	192044	40.25	ng	98
35) Caprolactam	8.33	113	91542	36.28	ng	# 47
36) 4-Chloro-3-methylphenol	8.44	107	338210	37.00	ng	88
37) 2-Methylnaphthalene	8.57	142	667808	38.49	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	305845	40.57	ng	99
40) Hexachlorocyclopentadiene	8.72	237	98396	38.33	ng	95

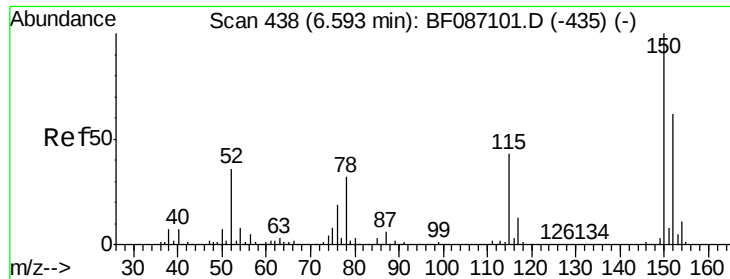
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051916\
 Data File : BF087185.D
 Acq On : 19 May 2016 13:33
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 18:10:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	189076	38.67	nq	90
43) 2,4,5-Trichlorophenol	8.91	196	193696	38.14	nq	96
45) 1,1'-Biphenyl	9.04	154	925452	43.24	nq	99
46) 2-Chloronaphthalene	9.06	162	670638	40.82	nq	99
47) 2-Nitroaniline	9.16	65	232963	37.00	nq	# 68
48) Acenaphthylene	9.46	152	965150	38.47	nq	99
49) Dimethylphthalate	9.35	163	748750	38.03	nq	100
50) 2,6-Dinitrotoluene	9.42	165	182722	42.74	nq	92
51) Acenaphthene	9.63	154	593054	37.84	nq	97
52) 3-Nitroaniline	9.59	138	197702	42.72	nq	99
53) 2,4-Dinitrophenol	9.70	184	72765	32.68	nq	89
54) Dibenzofuran	9.82	168	799807	39.46	nq	98
55) 4-Nitrophenol	9.80	139	429914	103.81	nq	# 22
56) 2,4-Dinitrotoluene	9.82	165	196285	35.85	nq	# 73
57) Fluorene	10.15	166	619559	38.05	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	157033	39.70	nq	98
59) Diethylphthalate	10.04	149	787512	41.90	nq	98
60) 4-Chlorophenyl-phenylether	10.15	204	318129	41.21	nq	94
61) 4-Nitroaniline	10.20	138	182144	39.86	nq	86
62) Azobenzene	10.31	77	870174	40.17	nq	88
64) 4,6-Dinitro-2-methylphenol	10.23	198	119684	36.24	nq	# 51
65) n-Nitrosodiphenylamine	10.27	169	589086	37.33	nq	99
66) 4-Bromophenyl-phenylether	10.64	248	199298	38.65	nq	# 78
67) Hexachlorobenzene	10.70	284	222529	37.22	nq	# 77
68) Atrazine	10.81	200	200533	38.95	nq	94
69) Pentachlorophenol	10.90	266	83318	37.10	nq	97
70) Phenanthrene	11.11	178	1038693	38.19	nq	100
71) Anthracene	11.15	178	1024552	37.24	nq	99
72) Carbazole	11.33	167	963007	38.32	nq	99
73) Di-n-butylphthalate	11.66	149	1089394	37.74	nq	# 99
74) Fluoranthene	12.29	202	974953	35.78	nq	98
76) Benzidine	12.42	184	367853	34.75	nq	96
77) Pyrene	12.51	202	1067231	41.06	nq	100
79) Butylbenzylphthalate	13.14	149	438336	39.95	nq	# 75
80) Benzo(a)anthracene	13.70	228	773421	37.18	nq	98
81) 3,3'-Dichlorobenzidine	13.68	252	614763	46.44	nq	# 94
82) Chrysene	13.74	228	770784	38.29	nq	100
83) Bis(2-ethylhexyl)phthalate	13.70	149	512587	38.38	nq	# 96
84) Di-n-octyl phthalate	14.31	149	789887	34.33	nq	# 84
85) Indeno(1,2,3-cd)pyrene	16.29	276	625425	35.40	nq	95
87) Benzo(b)fluoranthene	14.70	252	1228869	67.89	nq	97
88) Benzo(k)fluoranthene	14.70	252	1229567	91.24	nq	100
89) Benzo(a)pyrene	15.01	252	575565	38.04	nq	98
90) Dibenzo(a,h)anthracene	16.30	278	520977	40.90	nq	# 93
91) Benzo(g,h,i)perylene	16.65	276	543190	42.22	nq	# 92

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

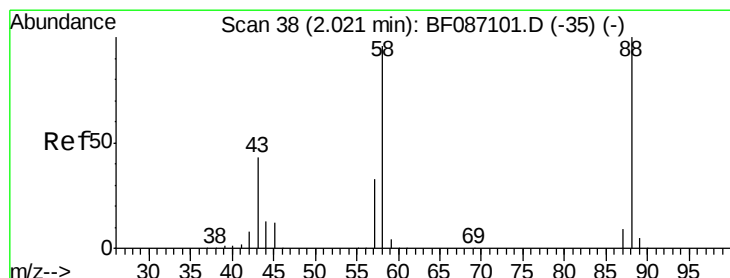
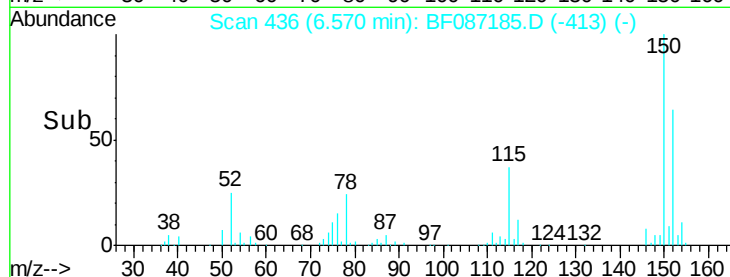
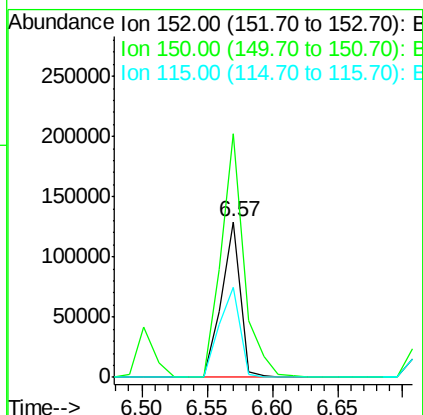
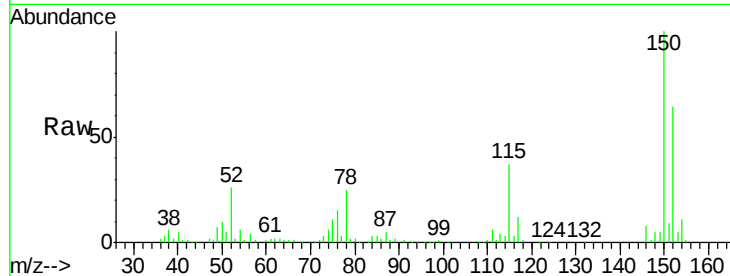


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

Instrument :
BNA_F
ClientSampled :

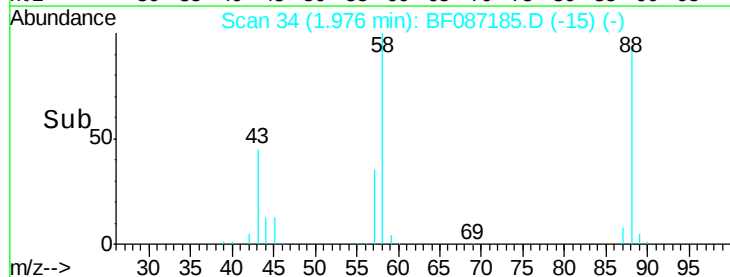
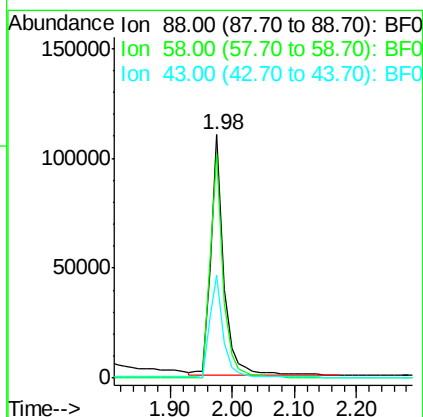
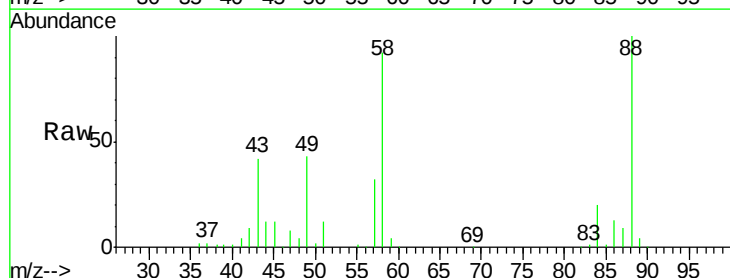
Tot Ion:152 Resp: 131030
Ion Ratio Lower Upper
152 100
150 156.3 125.8 188.6
115 58.2 51.5 77.3

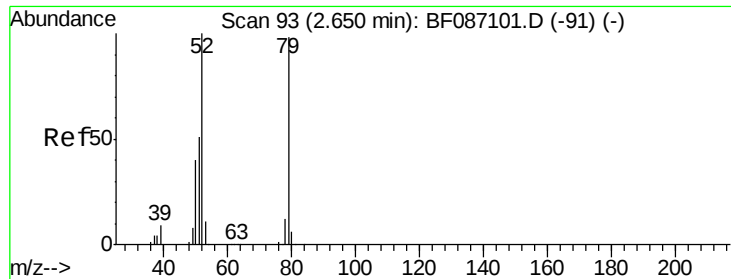


#2

1,4-Dioxane
Concen: 39.20 ng
RT: 1.98 min Scan# 34
Delta R.T. -0.08 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

Tgt Ion: 88 Resp: 157183
Ion Ratio Lower Upper
88 100
58 93.5 59.6 89.4#
43 42.8 21.8 32.6#

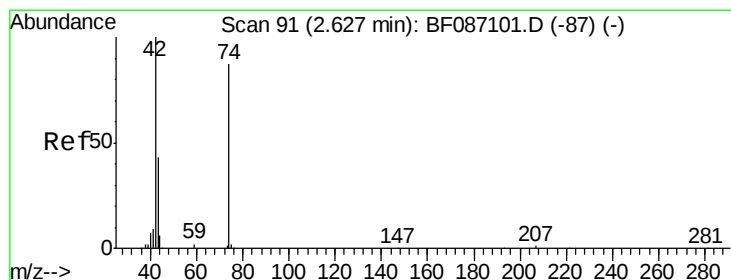
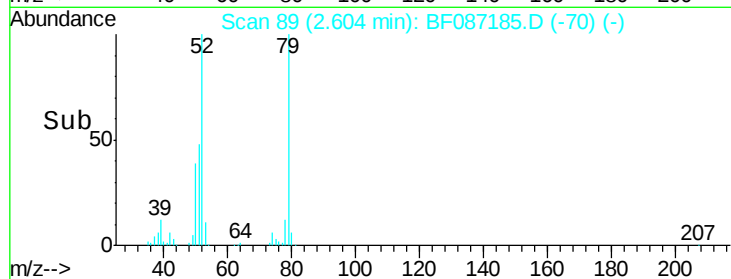
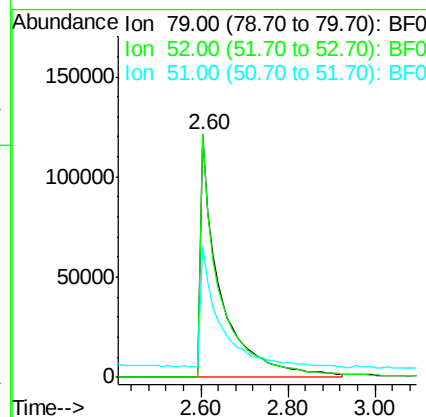
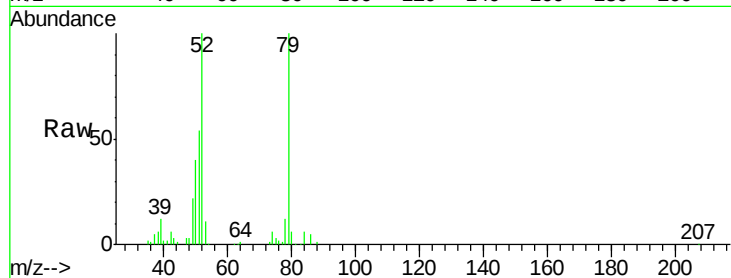




#3
 Pvridine
 Concen: 38.43 ng
 RT: 2.60 min Scan# 89
 Delta R.T. -0.08 min
 Lab File: BF087185.D
 Acq: 19 May 2016 13:33

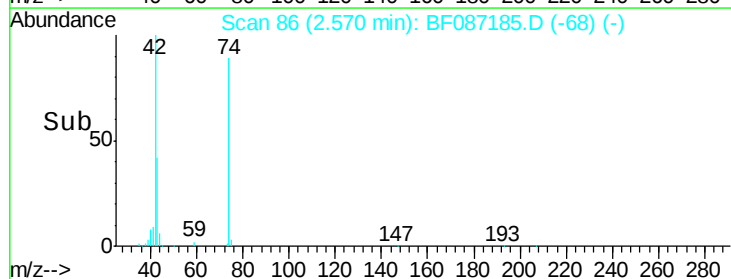
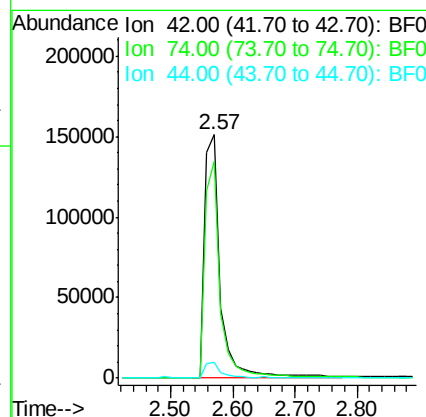
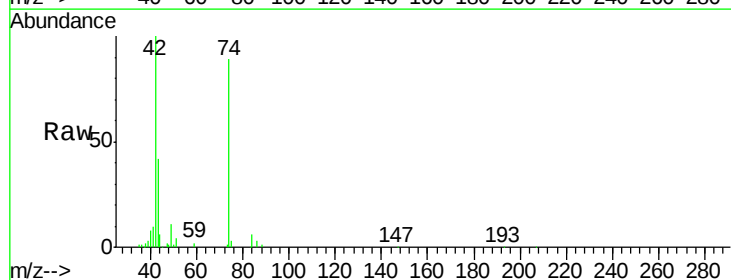
Instrument :
 BNA_F
 ClientSampleId :

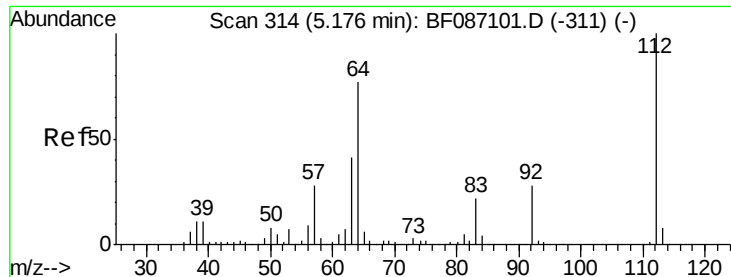
Tot Ion: 79 Resp: 372794
 Ion Ratio Lower Upper
 79 100
 52 100.4 55.9 83.9#
 51 53.8 28.1 42.1#



#4
 n-Nitrosodimethylamine
 Concen: 38.62 ng
 RT: 2.57 min Scan# 86
 Delta R.T. -0.09 min
 Lab File: BF087185.D
 Acq: 19 May 2016 13:33

Tgt Ion: 42 Resp: 265504
 Ion Ratio Lower Upper
 42 100
 74 88.9 123.4 185.0#
 44 6.2 5.8 8.6





#5

2-Fluorophenol

Concen: 81.16 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.06 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Instrument :

BNA_F

ClientSampleId :

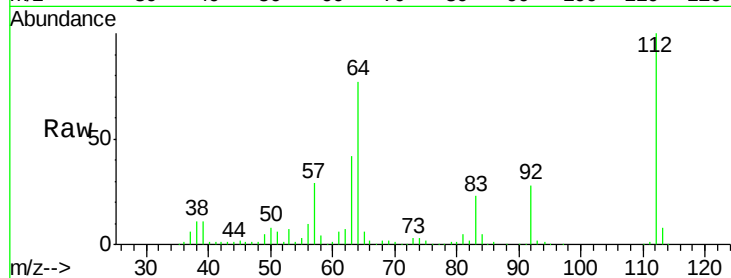
Tot Ion:112 Resp: 632648

Ion Ratio Lower Upper

112 100

64 77.3 52.1 78.1

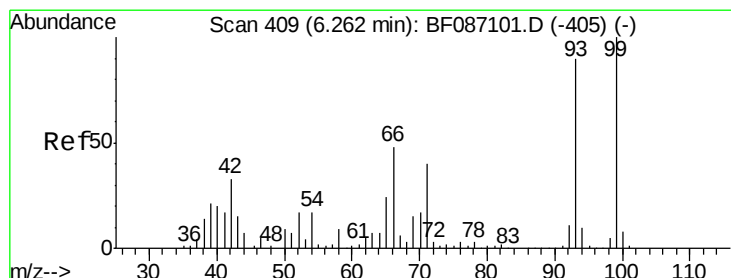
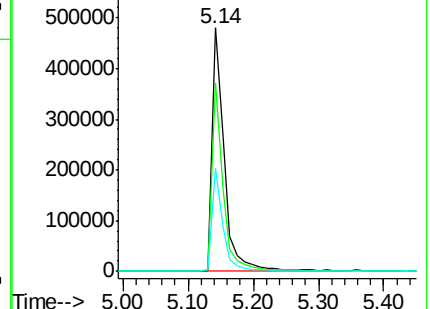
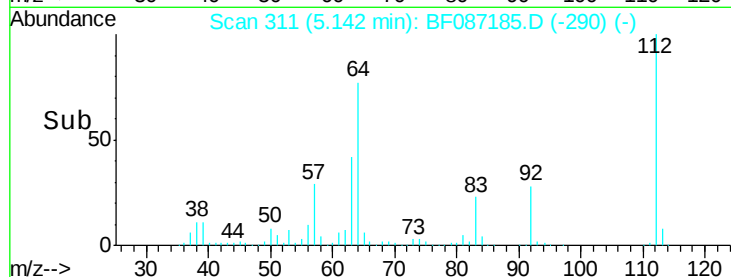
63 42.2 25.7 38.5#



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: 38.23 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

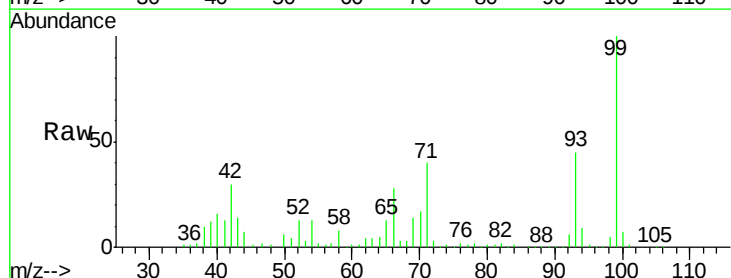
Tgt Ion: 93 Resp: 507735

Ion Ratio Lower Upper

93 100

66 61.3 39.0 58.6#

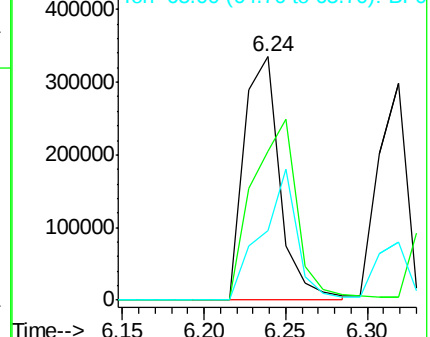
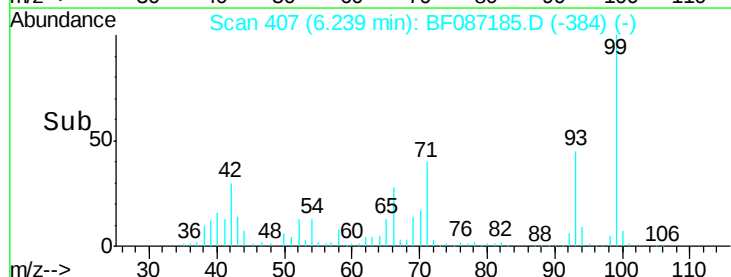
65 28.8 20.6 31.0

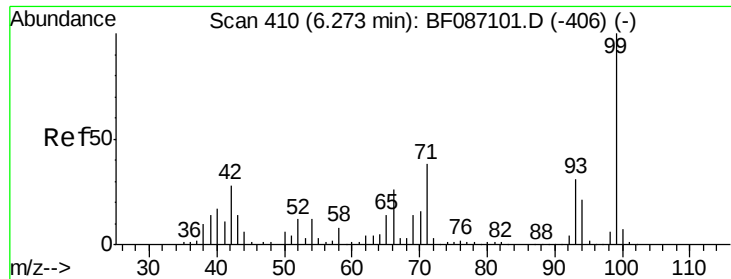


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 72.39 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Instrument :

BNA_F

ClientSampleId :

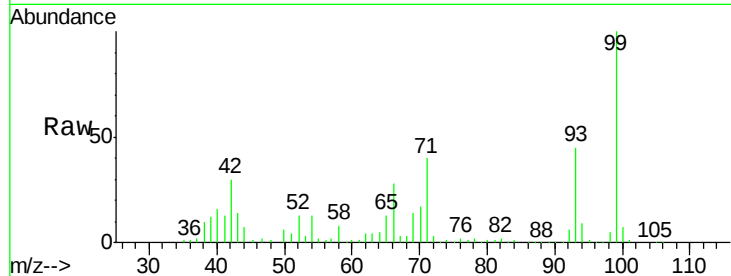
Tot Ion: 99 Resp: 756903

Ion Ratio Lower Upper

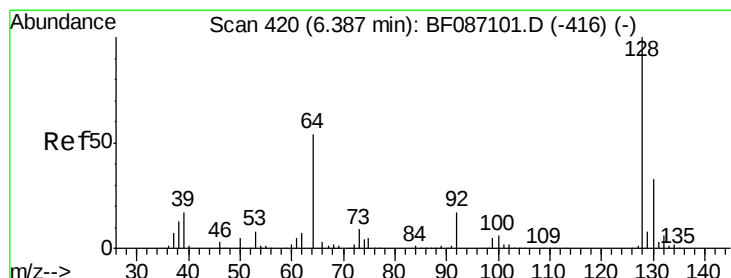
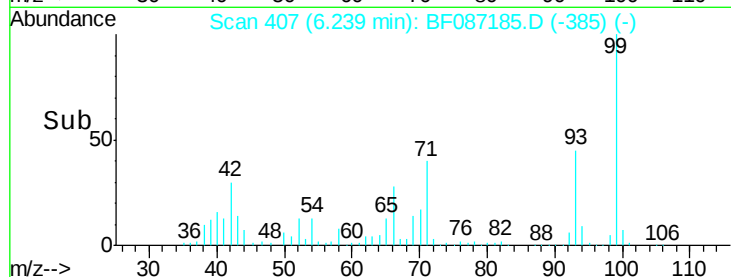
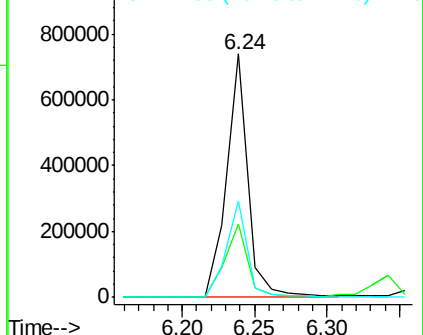
99 100

42 30.1 13.6 20.4#

71 39.6 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.23 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

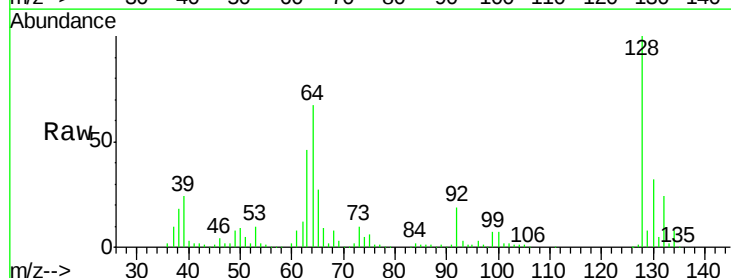
Tgt Ion: 128 Resp: 362576

Ion Ratio Lower Upper

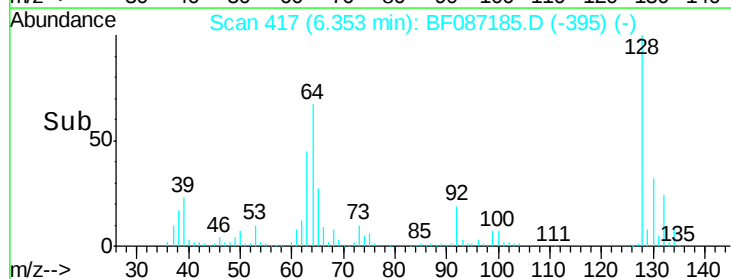
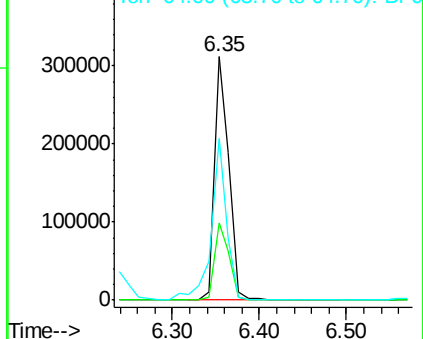
128 100

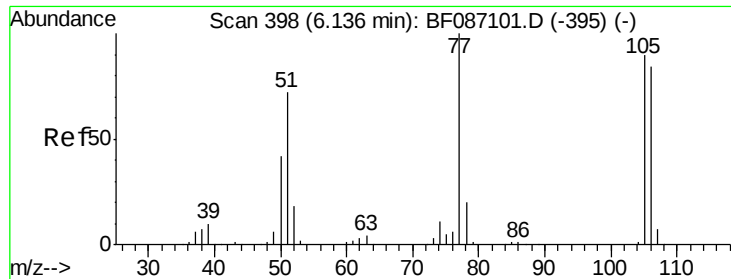
130 31.5 12.5 52.5

64 66.6 27.3 67.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

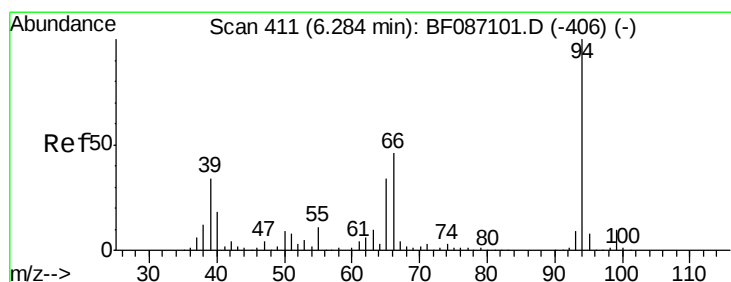
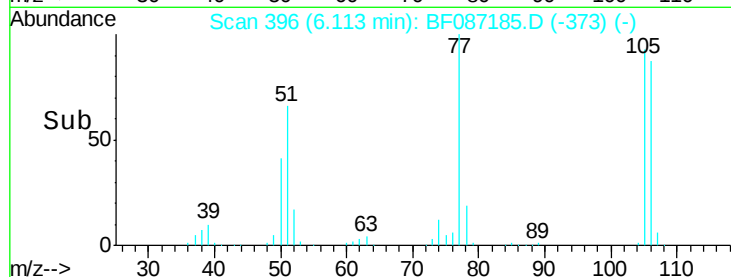
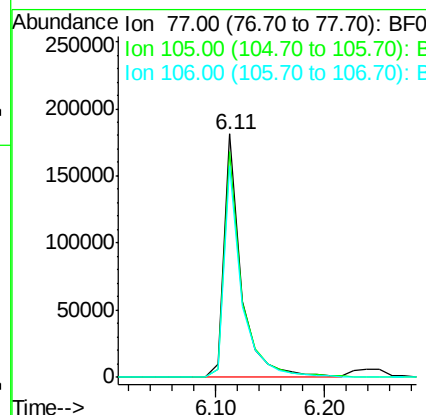
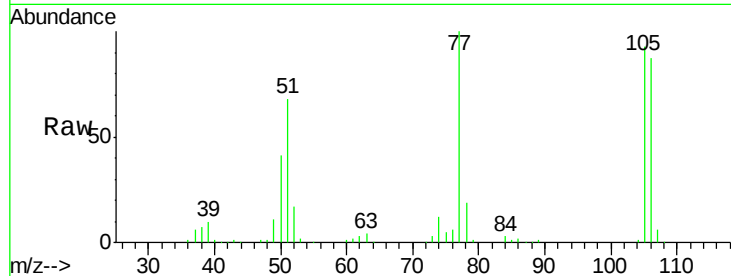




#9
Benzaldehyde
Concen: 34.67 ng
RT: 6.11 min Scan# 396
Delta R.T. -0.03 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

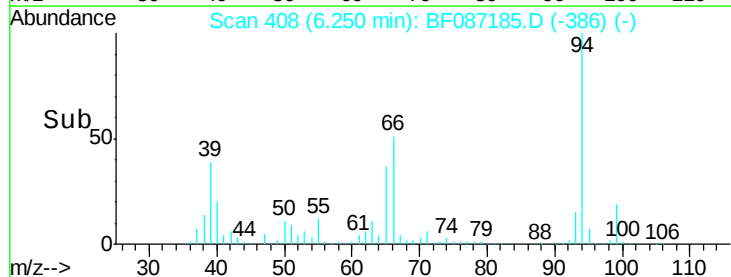
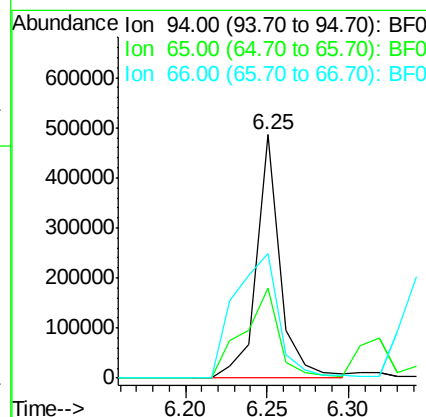
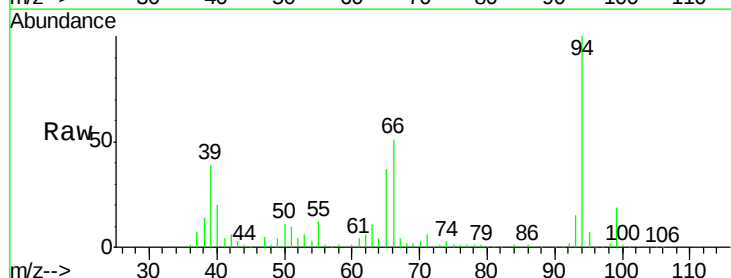
Instrument :
BNA_F
ClientSampled :

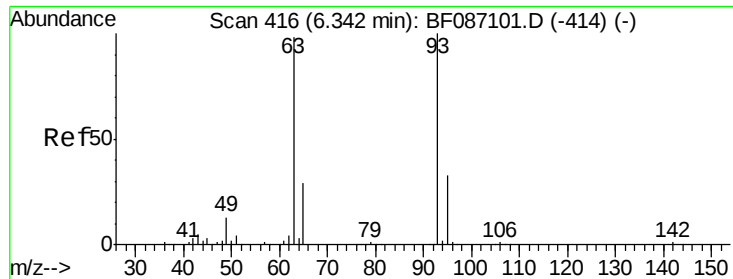
Tot Ion: 77 Resp: 202132
Ion Ratio Lower Upper
77 100
105 92.5 72.7 112.7
106 86.7 70.8 110.8



#10
Phenol
Concen: 37.60 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.05 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

Tgt Ion: 94 Resp: 494240
Ion Ratio Lower Upper
94 100
65 37.2 7.2 47.2
66 51.1 14.9 54.9

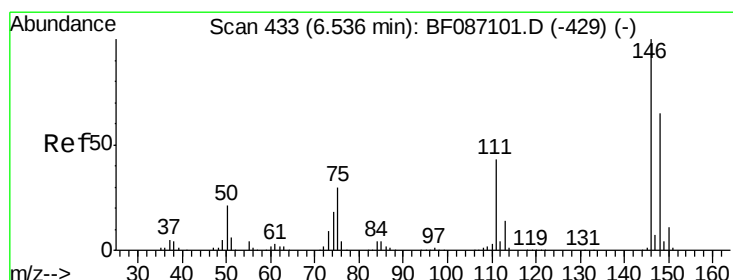
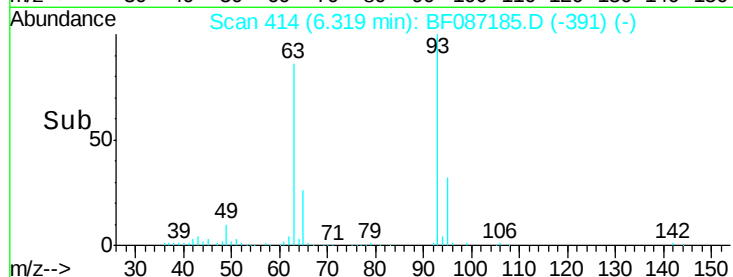
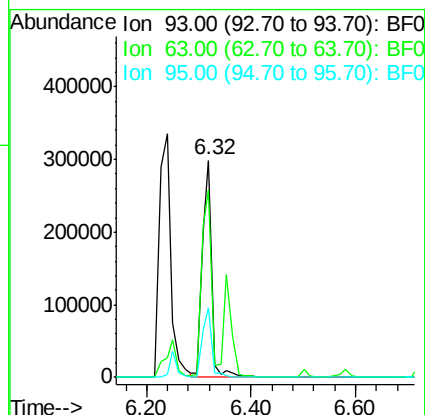
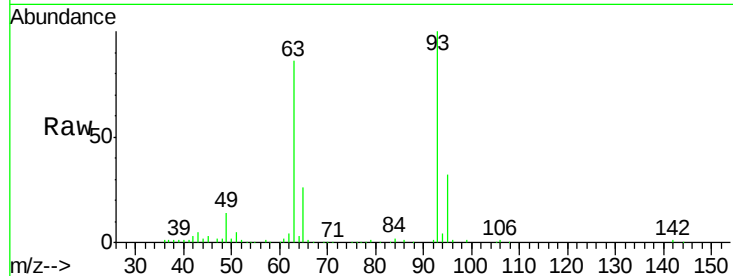




#11
bis(2-Chloroethyl)ether
Concen: 38.52 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.03 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

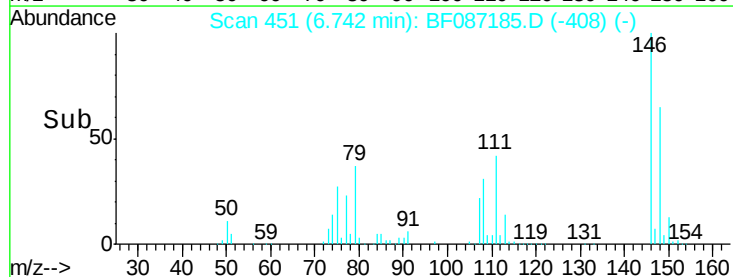
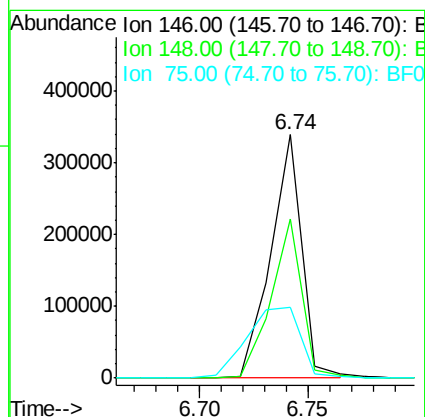
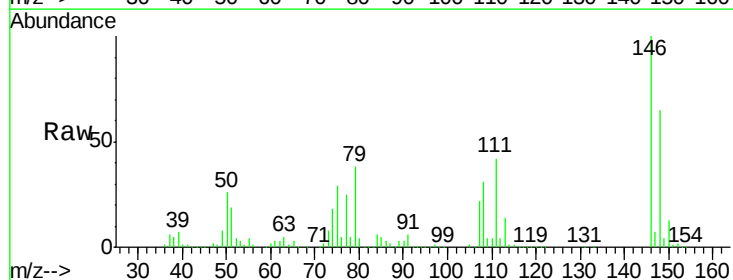
Instrument :
BNA_F
ClientSampleId :

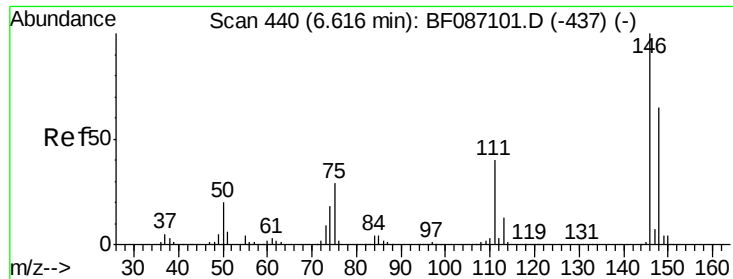
Tot Ion: 93 Resp: 380130
Ion Ratio Lower Upper
93 100
63 86.2 58.0 98.0
95 32.3 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 33.64 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.19 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

Tgt Ion: 146 Resp: 339152
Ion Ratio Lower Upper
146 100
148 65.5 52.4 78.6
75 29.0 22.8 34.2

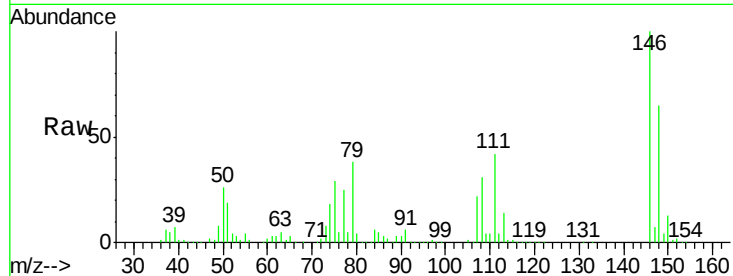




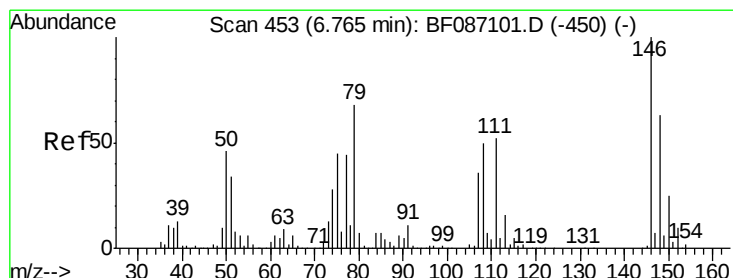
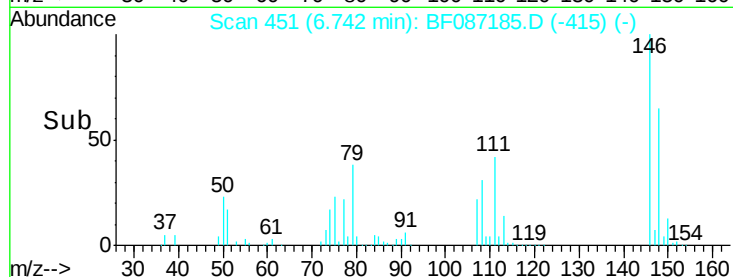
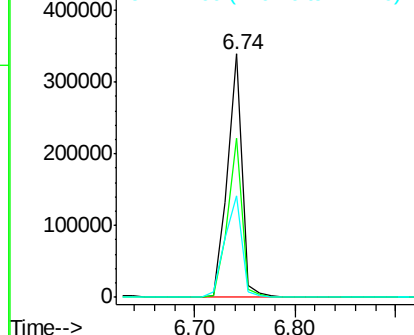
#13
 1,4-Dichlorobenzene
 Concen: 33.15 ng
 RT: 6.74 min Scan# 451
 Delta R.T. 0.11 min
 Lab File: BF087185.D
 Acq: 19 May 2016 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 341996
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.4
 111 41.8 30.7 46.1

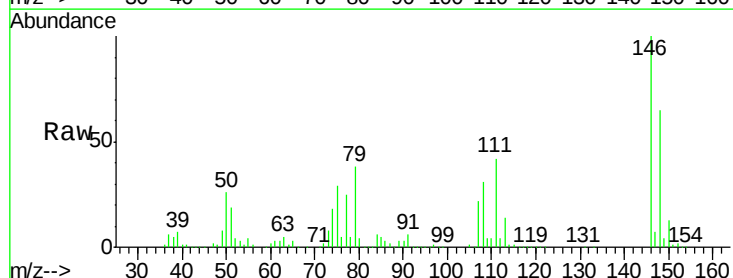


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

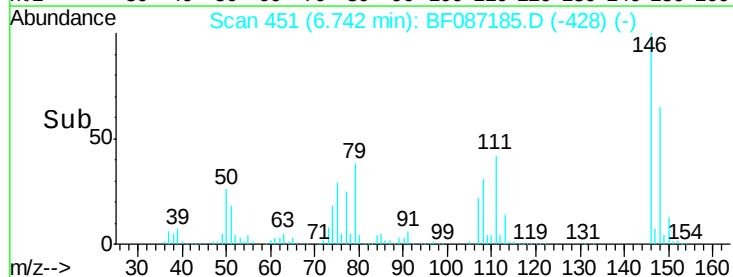
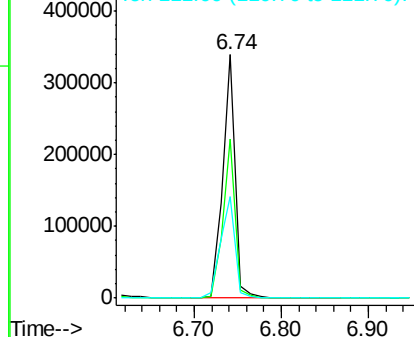


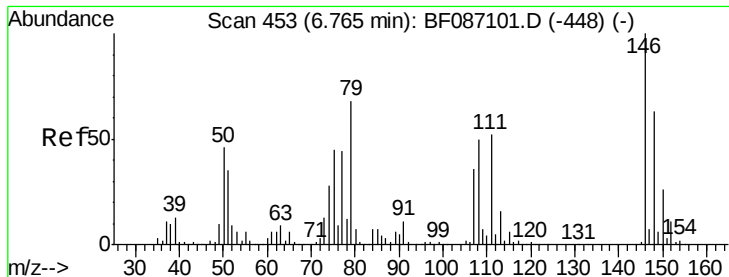
#14
 1,2-Dichlorobenzene
 Concen: 38.16 ng
 RT: 6.74 min Scan# 451
 Delta R.T. -0.03 min
 Lab File: BF087185.D
 Acq: 19 May 2016 13:33

Tgt Ion:146 Resp: 344639
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.0 76.6
 111 41.8 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.59 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Instrument :

BNA_F

ClientSampleId :

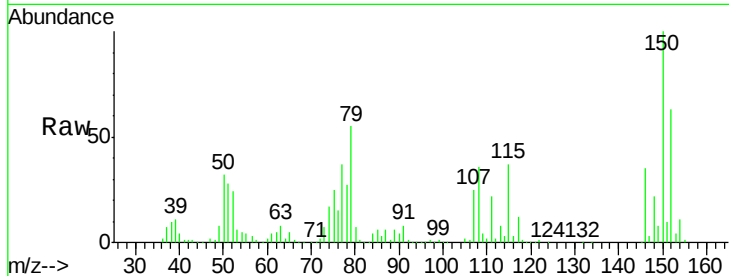
Tot Ion: 79 Resp: 308116

Ion Ratio Lower Upper

79 100

108 65.0 68.4 102.6#

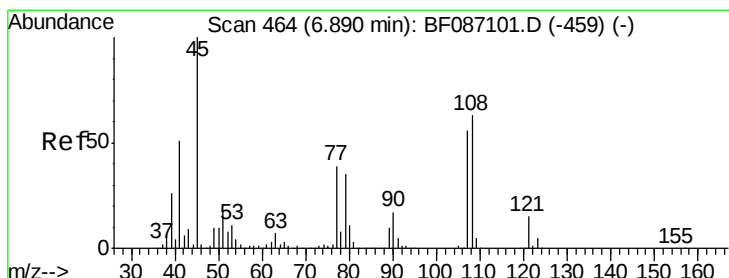
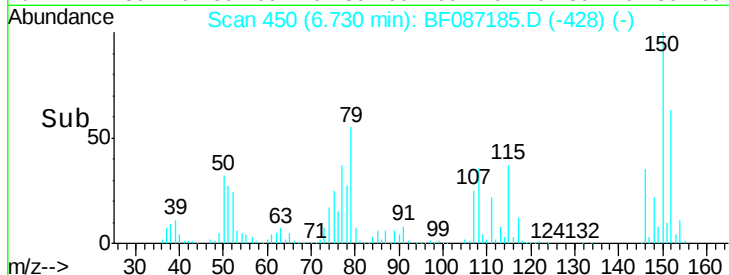
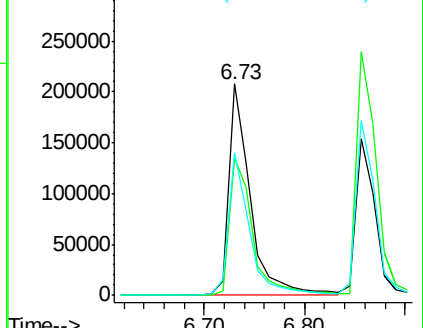
77 67.3 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.68 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

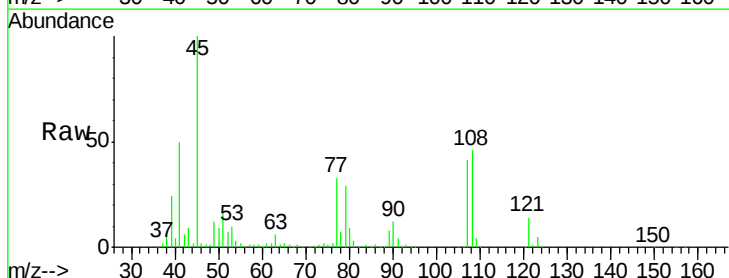
Tgt Ion: 45 Resp: 764406

Ion Ratio Lower Upper

45 100

77 32.9 0.0 36.4

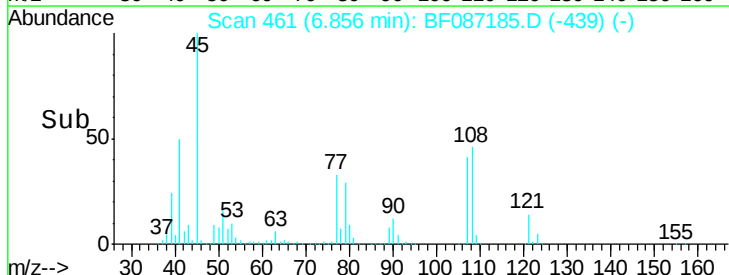
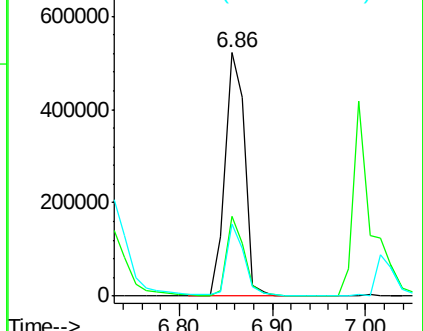
79 29.5 0.0 33.4

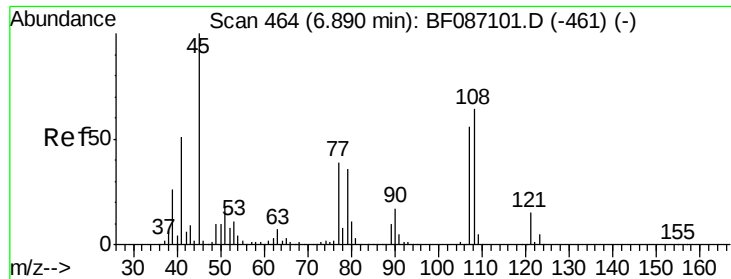


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

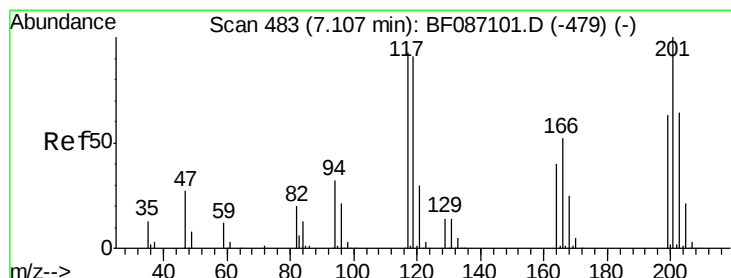
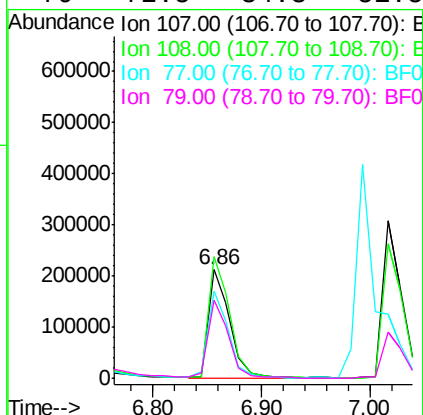
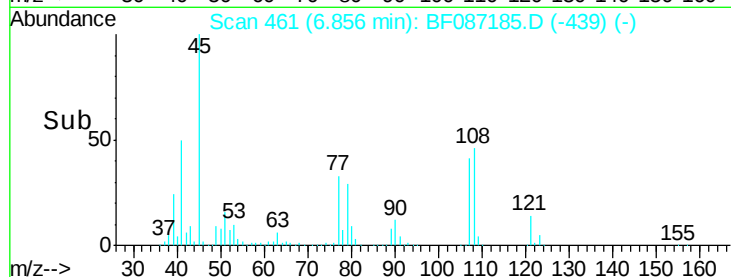
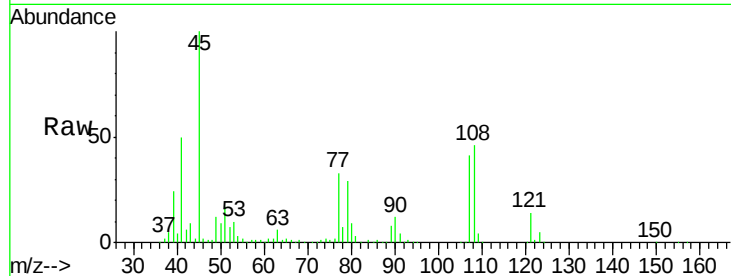




#17
2-Methylphenol
Concen: 36.61 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

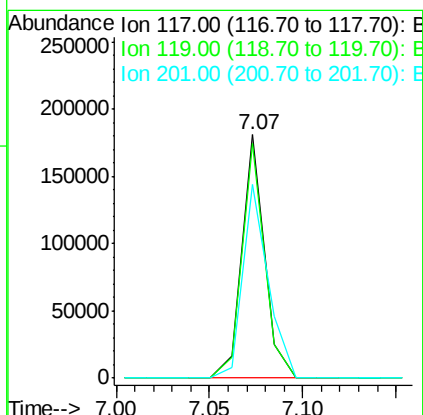
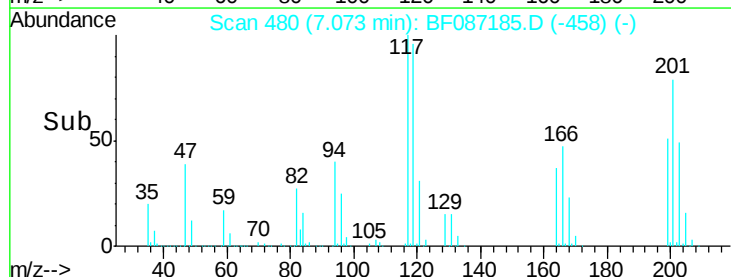
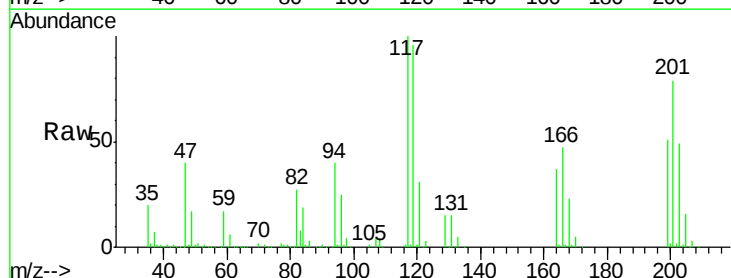
Instrument :
BNA_F
ClientSampled :

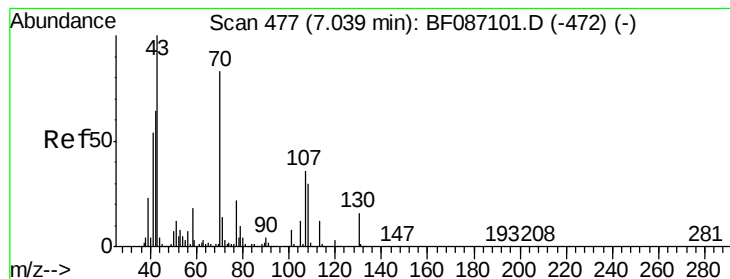
Tot Ion:107 Resp: 285171
Ion Ratio Lower Upper
107 100
108 112.8 93.7 140.5
77 80.9 33.4 50.0#
79 72.5 34.3 51.5#



#18
Hexachloroethane
Concen: 38.77 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

Tgt Ion:117 Resp: 152887
Ion Ratio Lower Upper
117 100
119 96.2 76.5 114.7
201 79.4 63.0 94.6





#19

n-Nitroso-di-n-propylamine

Concen: 38.99 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 309905

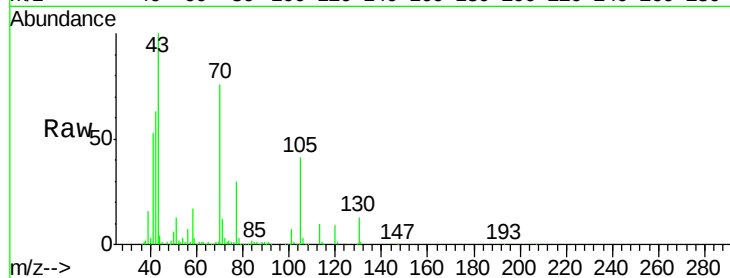
Ion Ratio Lower Upper

70 100

42 83.2 43.1 64.7#

101 9.0 8.1 12.1

130 17.6 18.6 28.0#

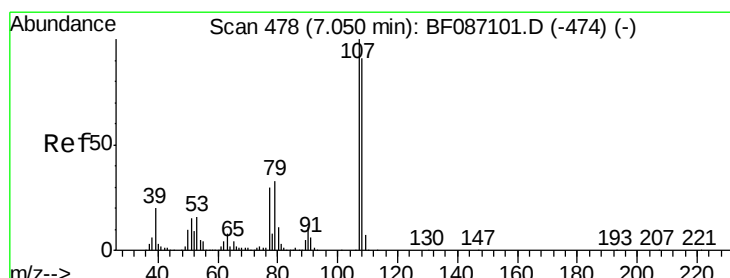
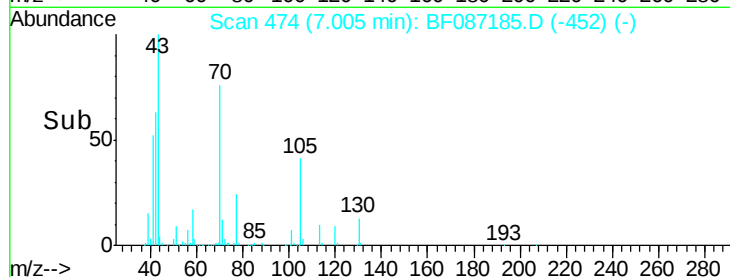
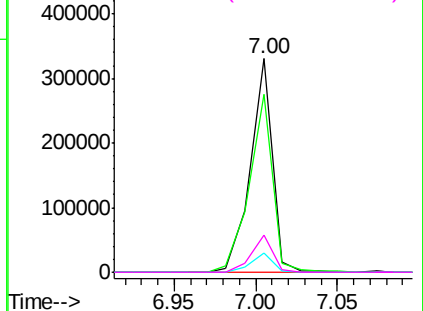


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 38.77 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Tgt Ion: 107 Resp: 398392

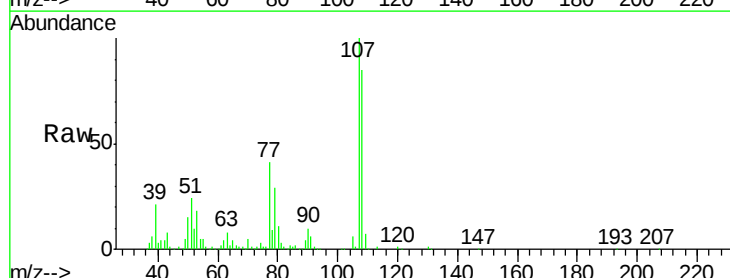
Ion Ratio Lower Upper

107 100

108 84.8 68.5 108.5

77 40.6 101.6 141.6#

79 29.0 7.4 47.4

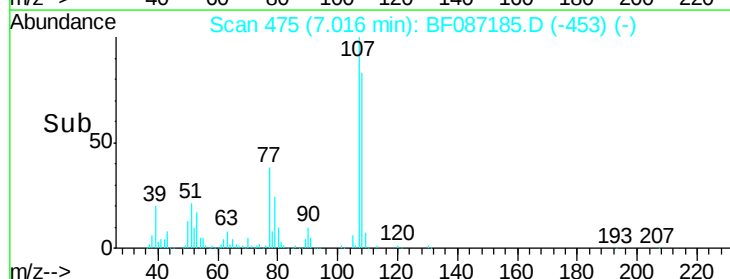
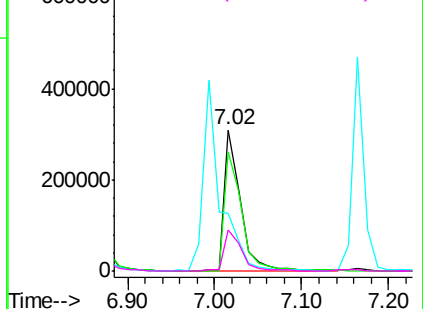


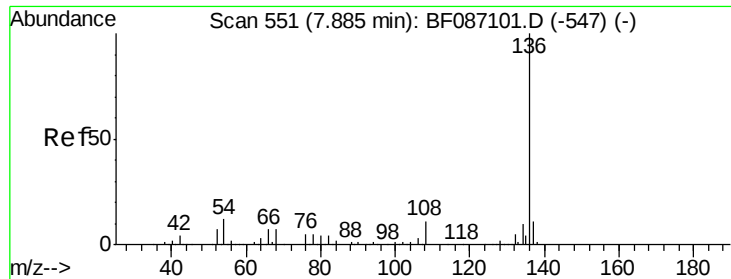
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 555219

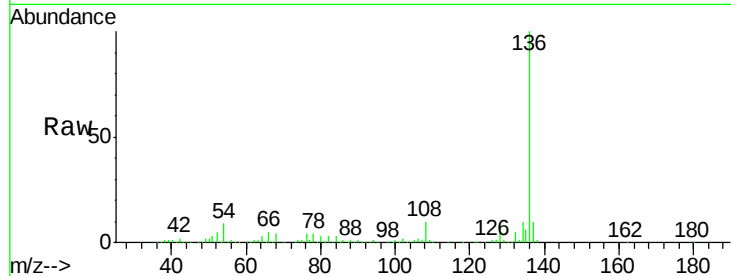
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.7 5.0 7.4#

68 4.5 4.4 6.6

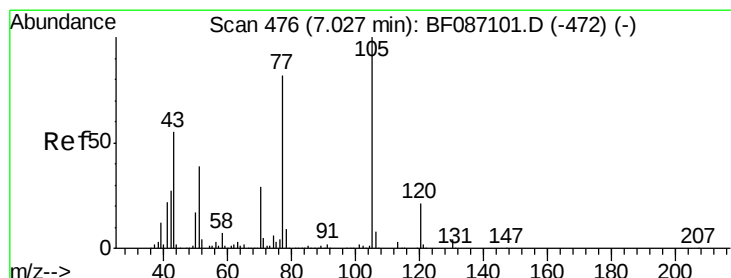
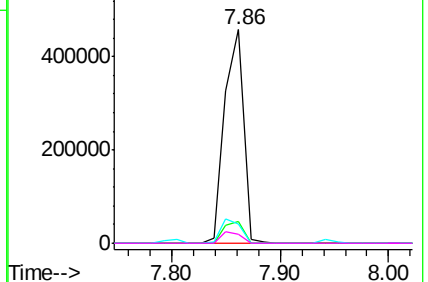
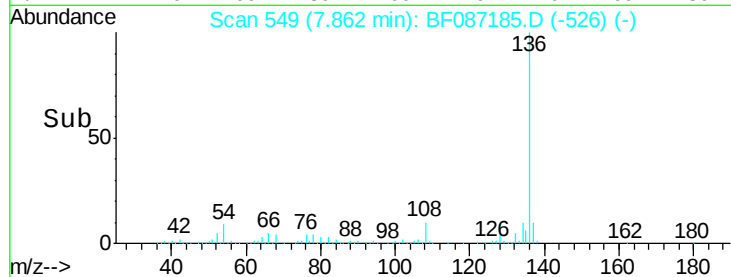


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 38.59 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Tgt Ion:105 Resp: 524355

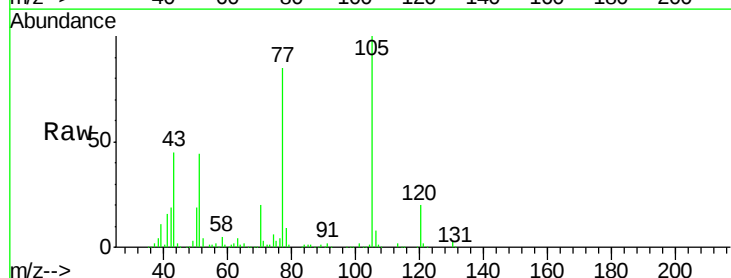
Ion Ratio Lower Upper

105 100

71 3.2 4.8 7.2#

51 43.6 32.6 49.0

120 20.2 16.5 24.7

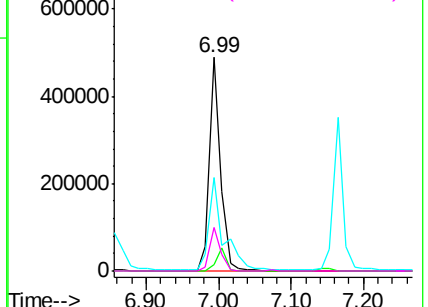
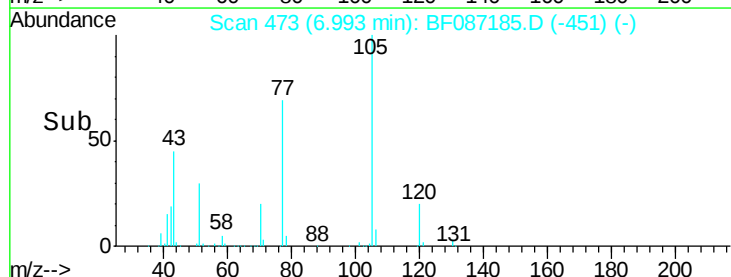


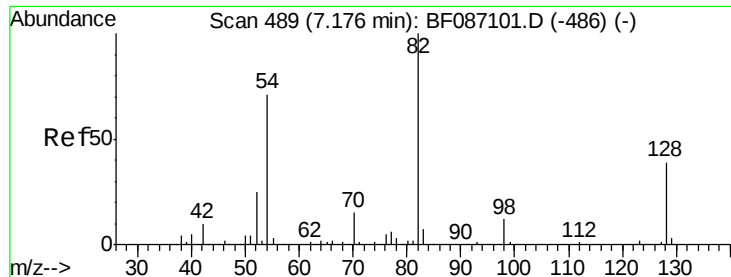
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

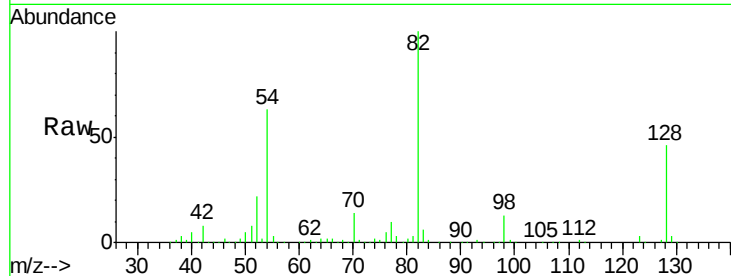




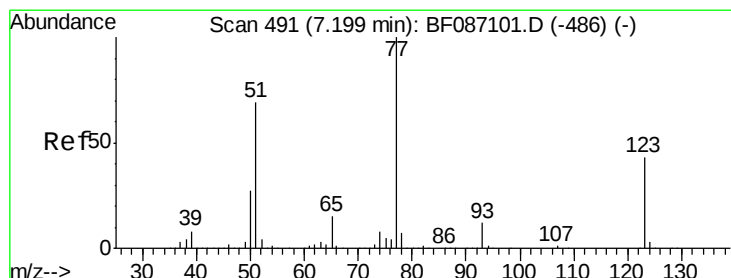
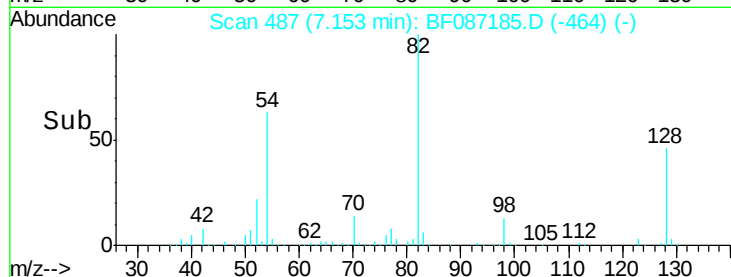
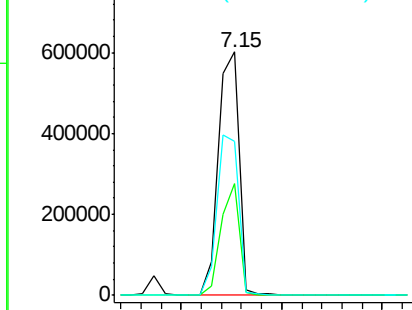
#23
 Nitrobenzene-d5
 Concen: 77.57 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.03 min
 Lab File: BF087185.D
 Acq: 19 May 2016 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 864113
 Ion Ratio Lower Upper
 82 100
 128 45.9 40.6 61.0
 54 63.3 38.1 57.1#

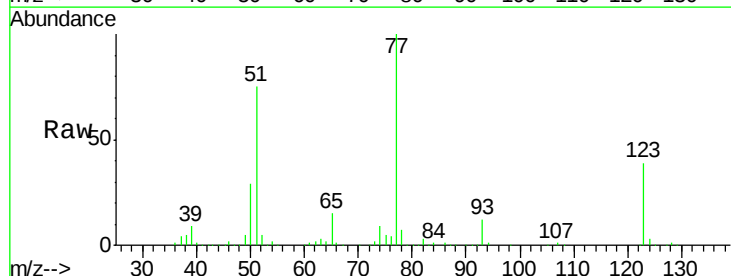


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

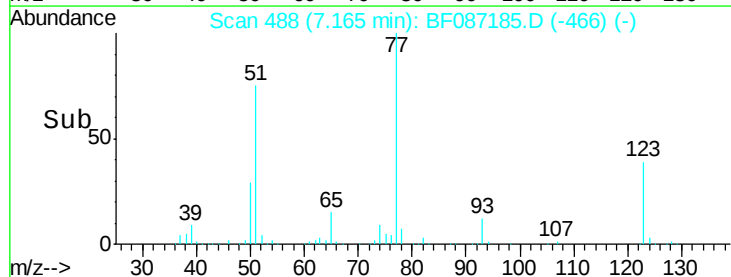
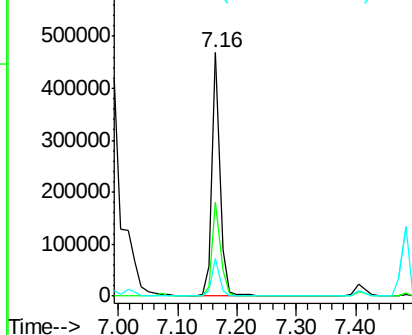


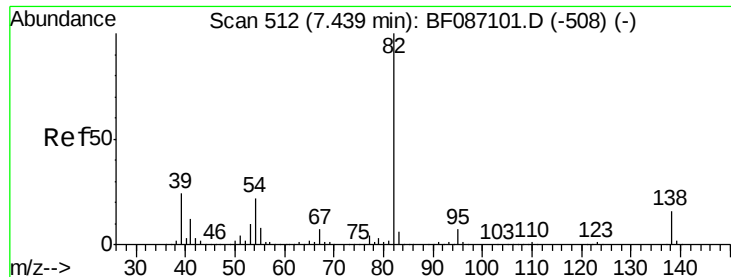
#24
 Nitrobenzene
 Concen: 36.13 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.05 min
 Lab File: BF087185.D
 Acq: 19 May 2016 13:33

Tgt Ion: 77 Resp: 439496
 Ion Ratio Lower Upper
 77 100
 123 38.6 33.0 49.4
 65 15.3 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.92 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Instrument :

BNA_F

ClientSampleId :

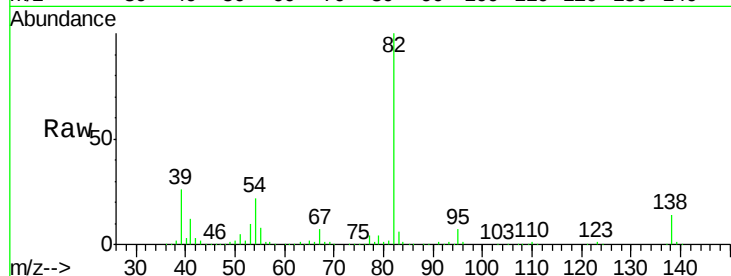
Tot Ion: 82 Resp: 752832

Ion Ratio Lower Upper

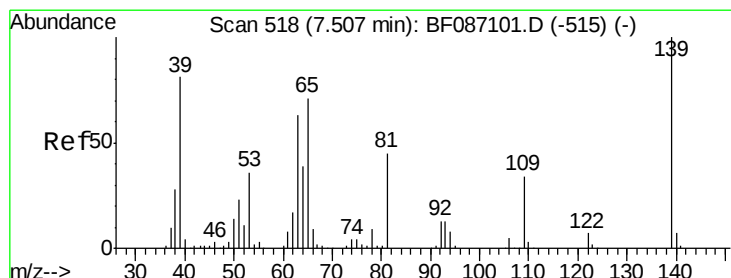
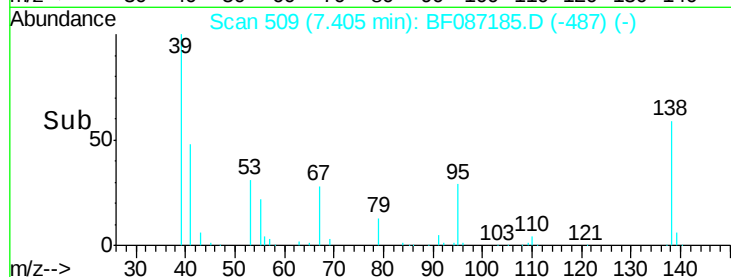
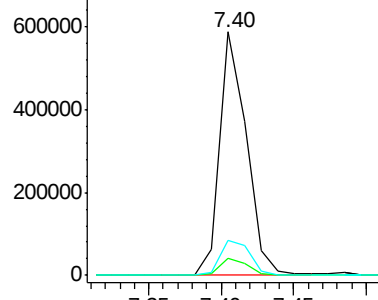
82 100

95 7.1 5.1 7.7

138 14.3 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): E



#26

2-Nitrophenol

Concen: 41.00 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

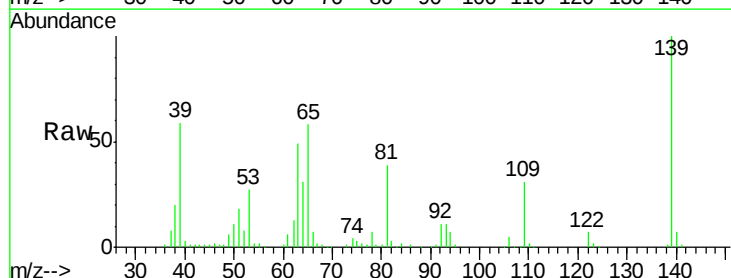
Tgt Ion: 139 Resp: 206601

Ion Ratio Lower Upper

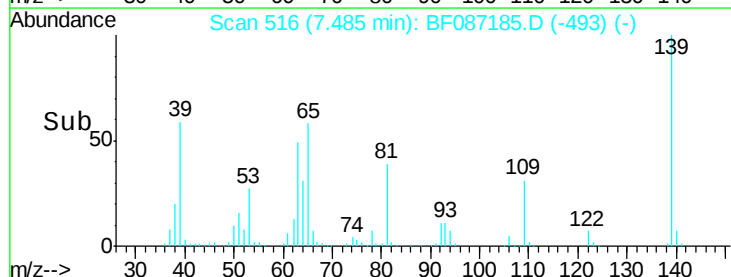
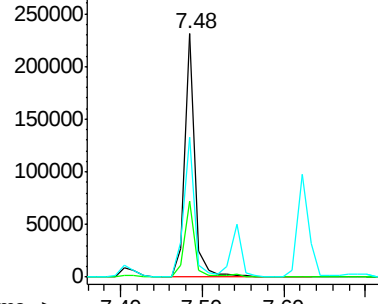
139 100

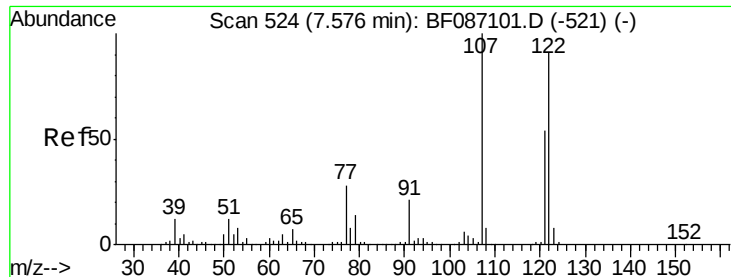
109 31.2 19.5 29.3#

65 57.5 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

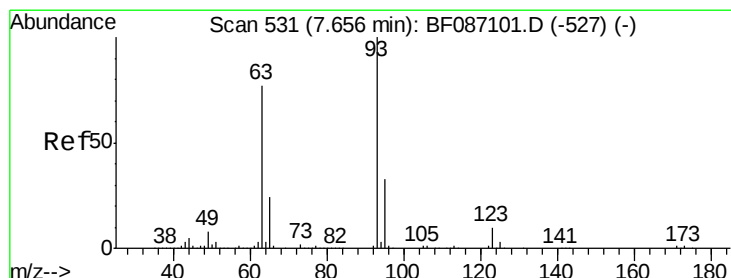
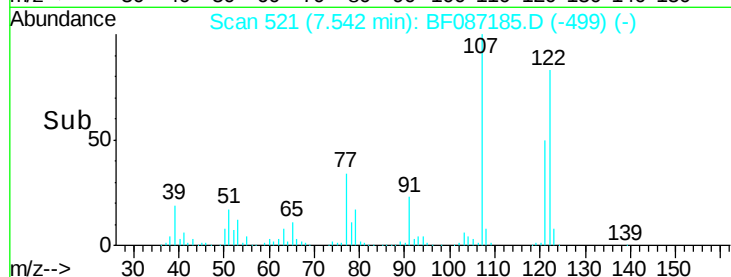
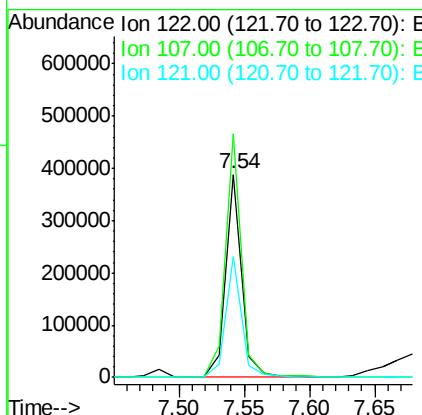
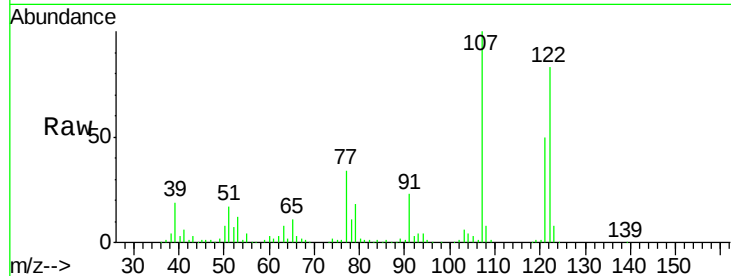




#27
 2,4-Dimethylphenol
 Concen: 38.64 ng
 RT: 7.54 min Scan# 521
 Delta R.T. -0.05 min
 Lab File: BF087185.D
 Acq: 19 May 2016 13:33

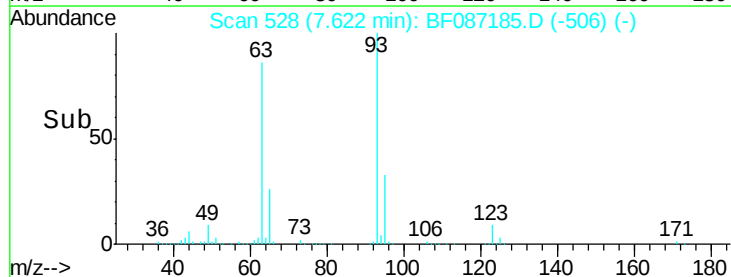
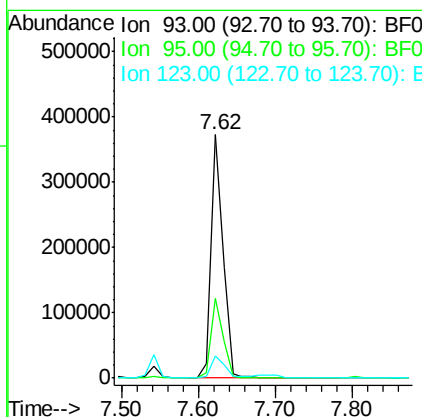
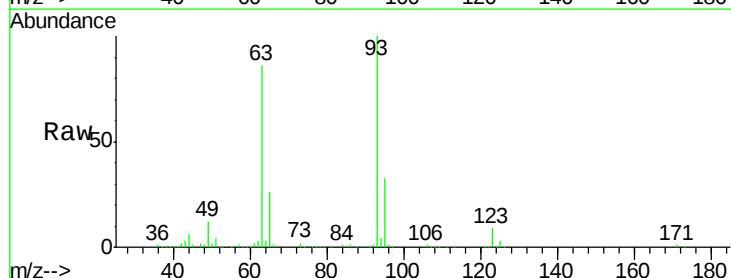
Instrument :
 BNA_F
 ClientSampleId :

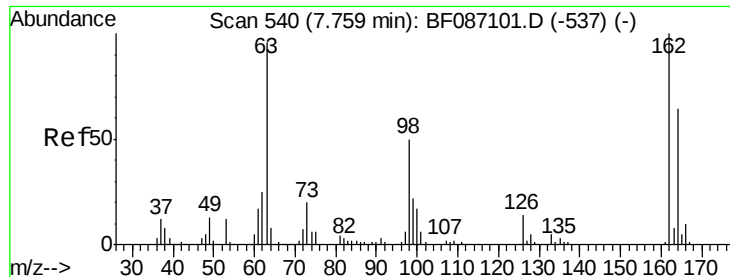
Tot Ion:122 Resp: 332229
 Ion Ratio Lower Upper
 122 100
 107 119.9 82.0 123.0
 121 59.4 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.68 ng
 RT: 7.62 min Scan# 528
 Delta R.T. -0.05 min
 Lab File: BF087185.D
 Acq: 19 May 2016 13:33

Tgt Ion: 93 Resp: 399472
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.0 39.0
 123 9.3 9.5 14.3#

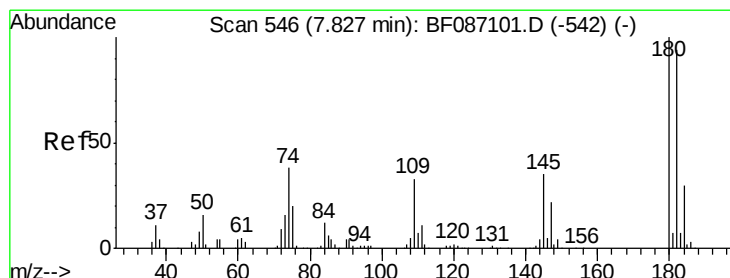
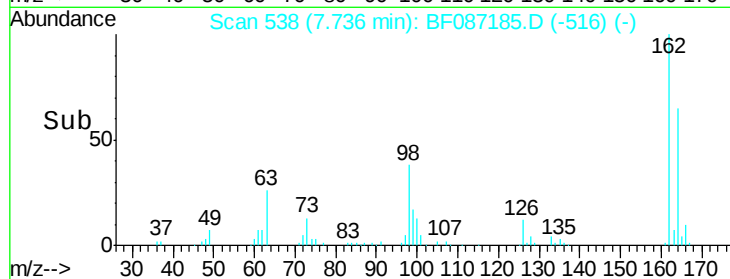
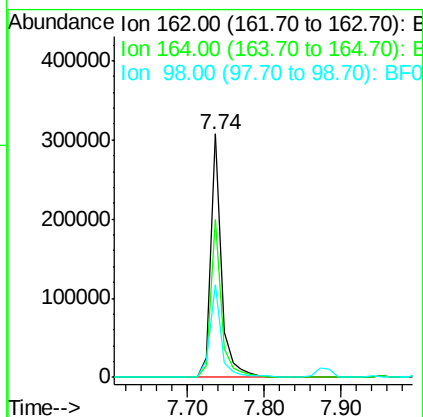
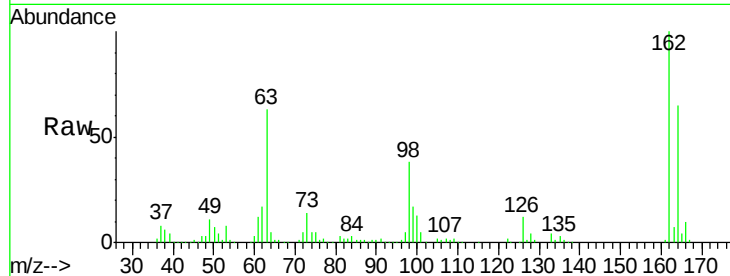




#29
 2,4-Dichlorophenol
 Concen: 38.97 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.05 min
 Lab File: BF087185.D
 Acq: 19 May 2016 13:33

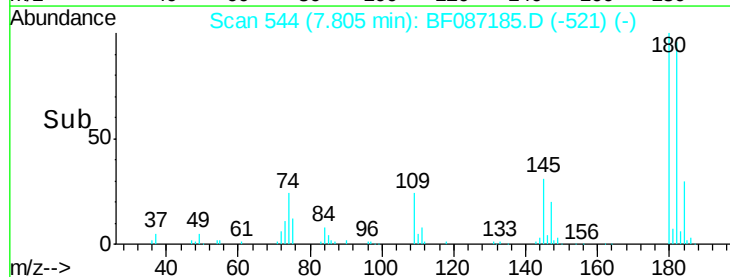
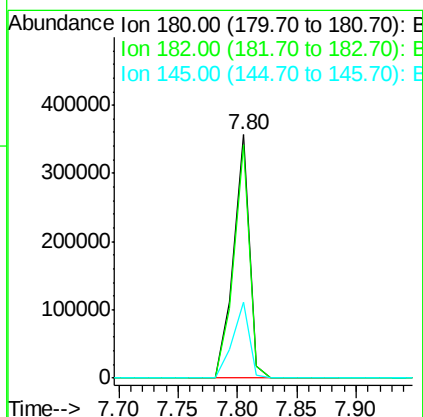
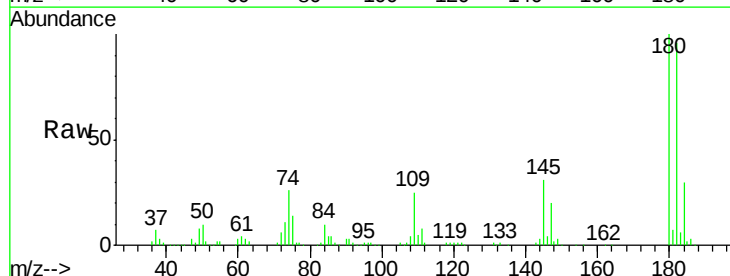
Instrument :
 BNA_F
 ClientSampleId :

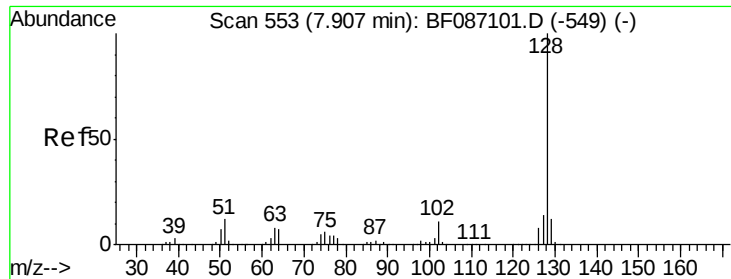
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.2	82.2
98	37.8	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.93 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.03 min
 Lab File: BF087185.D
 Acq: 19 May 2016 13:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.0	117.0
145	31.0	24.2	36.2

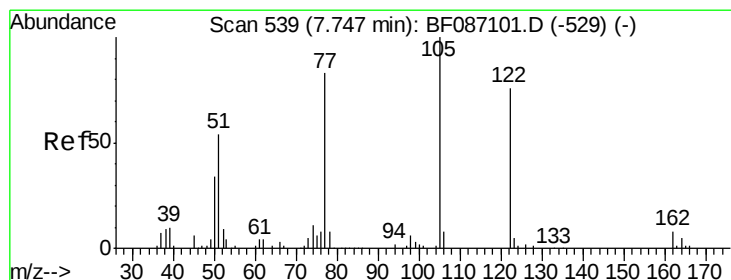
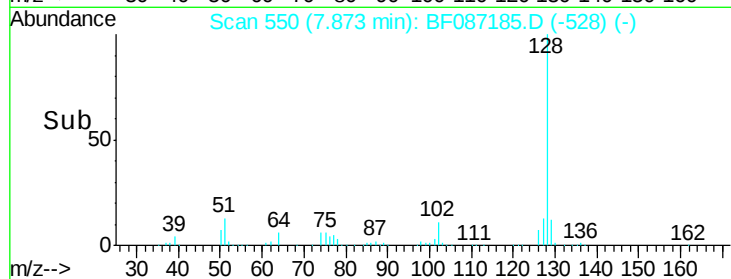
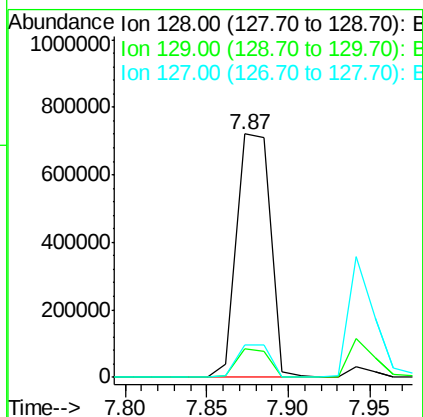
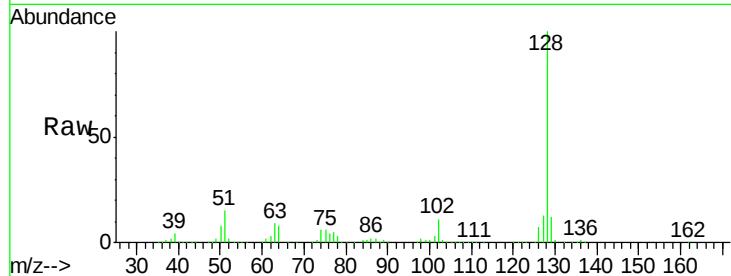




#31
Naphthalene
Concen: 37.88 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.05 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

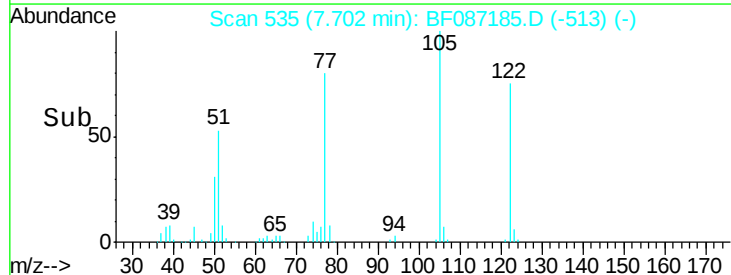
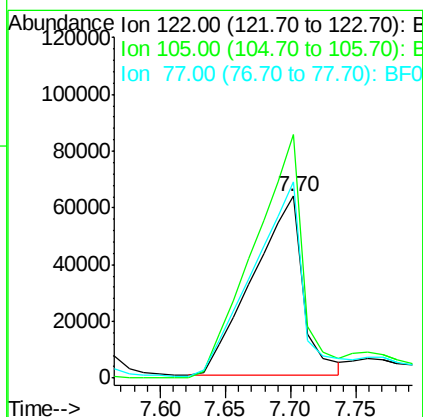
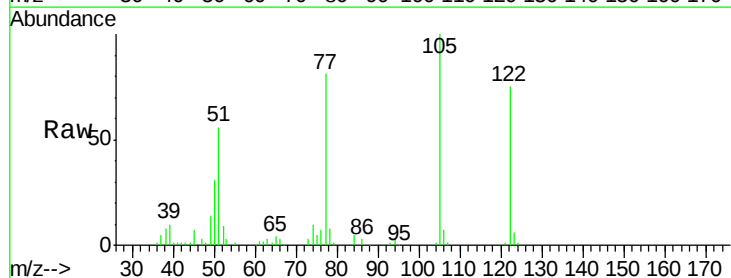
Instrument :
BNA_F
ClientSampled :

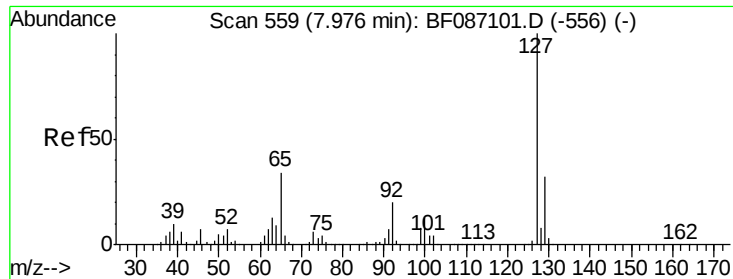
Tot Ion:128 Resp: 1027649
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 33.47 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.05 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

Tgt Ion:122 Resp: 171549
Ion Ratio Lower Upper
122 100
105 133.8 92.6 132.6#
77 107.7 60.0 100.0#

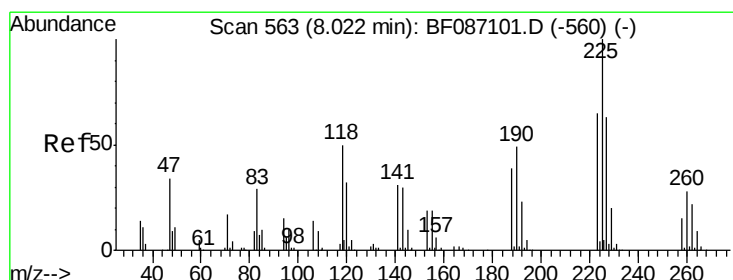
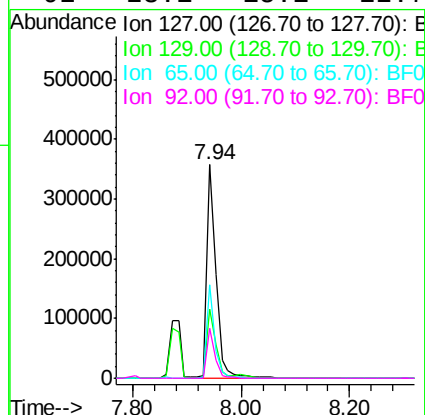
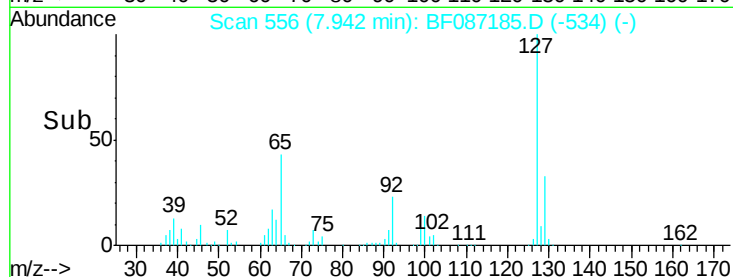
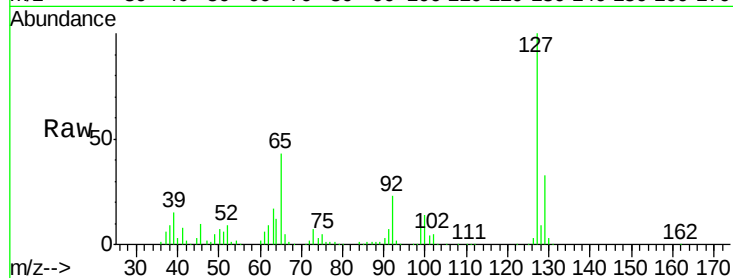




#33
4-Chloroaniline
Concen: 36.61 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.05 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

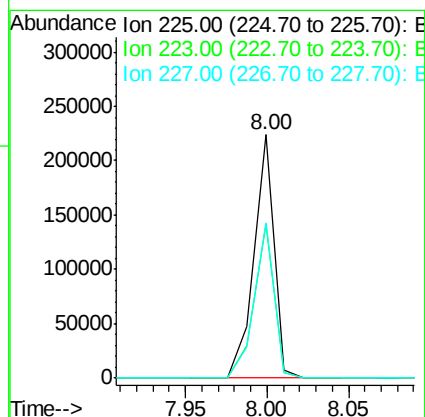
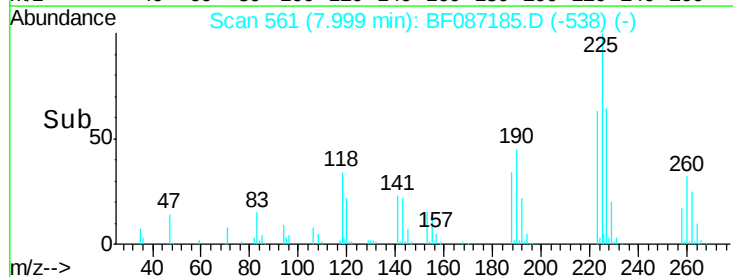
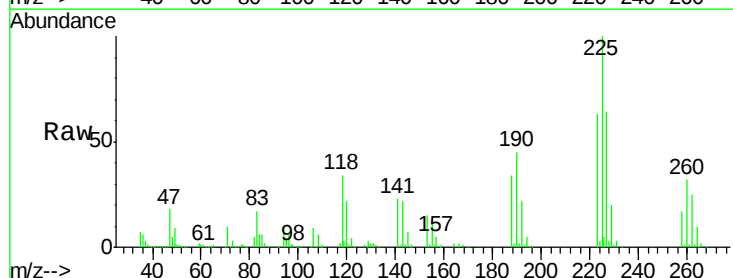
Instrument :
BNA_F
ClientSampled :

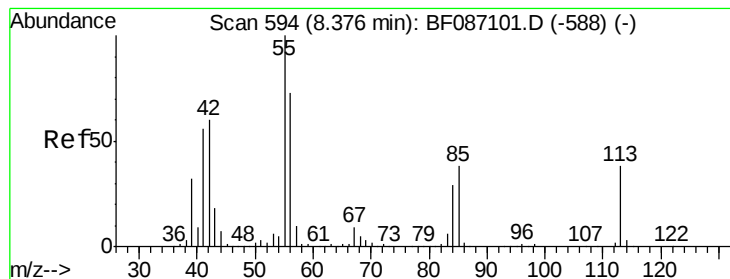
Tot Ion:127 Resp: 412828
Ion Ratio Lower Upper
127 100
129 32.5 26.2 39.4
65 43.5 23.0 34.4#
92 23.1 15.1 22.7#



#34
Hexachlorobutadiene
Concen: 40.25 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.03 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

Tgt Ion:225 Resp: 192044
Ion Ratio Lower Upper
225 100
223 63.4 51.5 77.3
227 63.6 52.2 78.2





#35

Caprolactam

Concen: 36.28 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.06 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Instrument :

BNA_F

ClientSampleId :

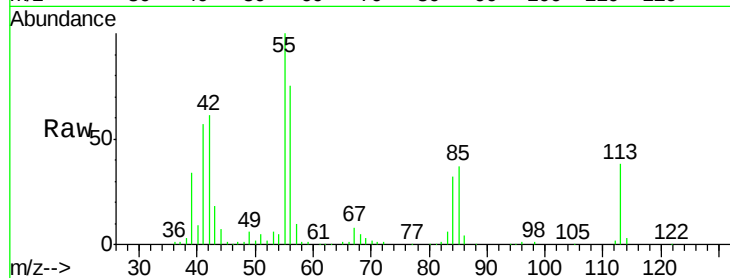
Tot Ion:113 Resp: 91542

Ion Ratio Lower Upper

113 100

55 260.2 162.0 202.0#

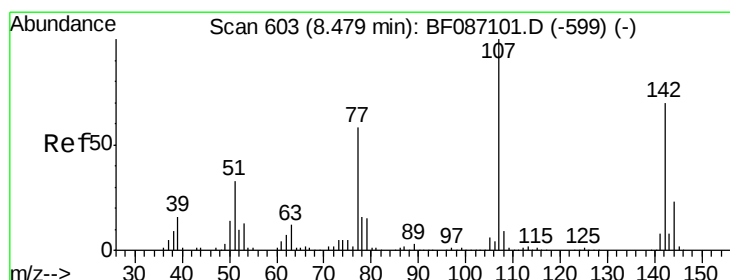
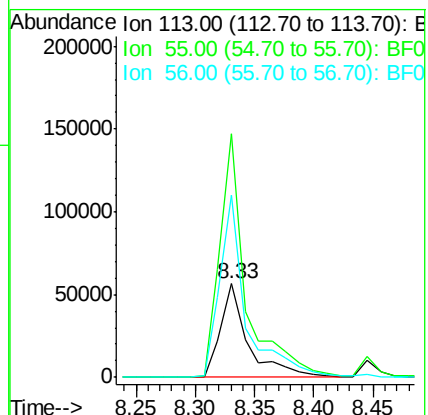
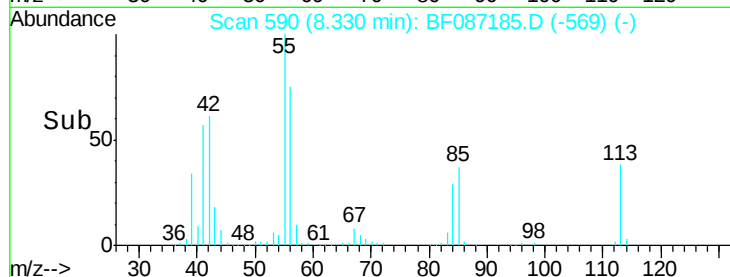
56 195.4 115.3 155.3#



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: 37.00 ng

RT: 8.44 min Scan# 600

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

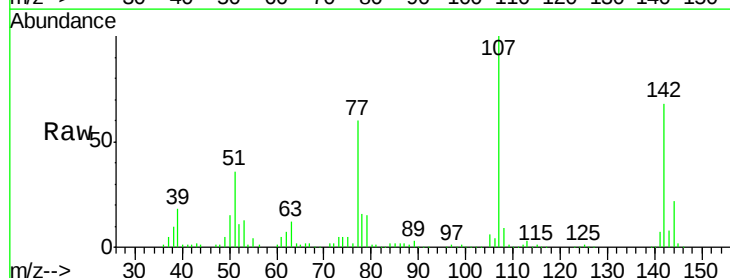
Tgt Ion:107 Resp: 338210

Ion Ratio Lower Upper

107 100

144 21.8 20.7 31.1

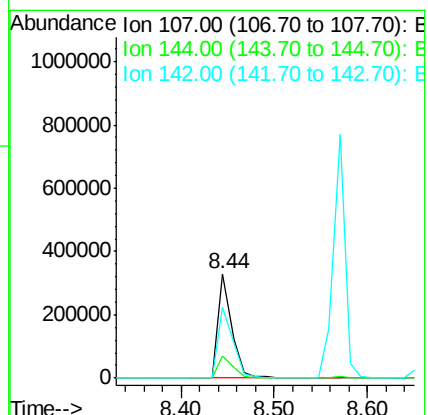
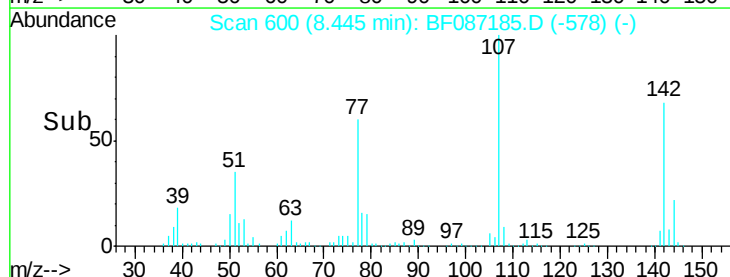
142 67.6 63.2 94.8

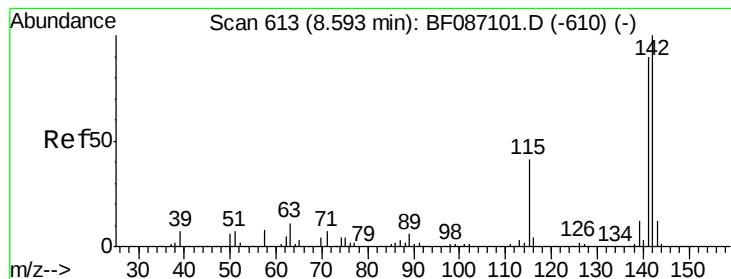


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.49 ng

RT: 8.57 min Scan# 611

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Instrument :

BNA_F

ClientSampleId :

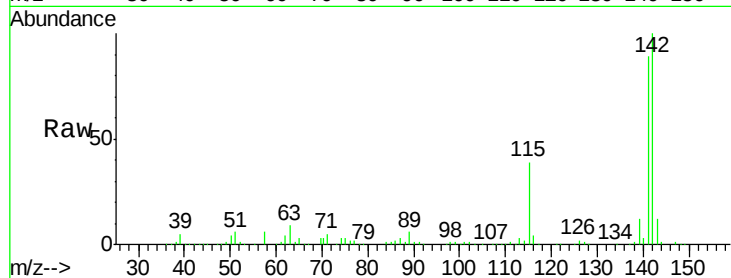
Tot Ion:142 Resp: 667808

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6

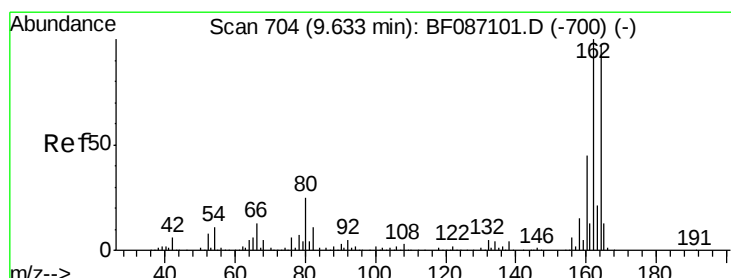
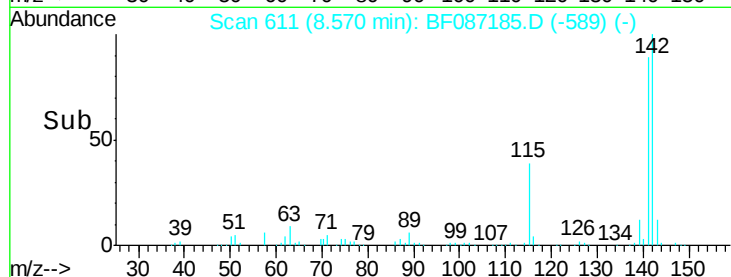
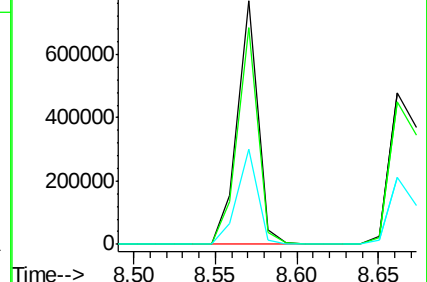
115 39.1 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

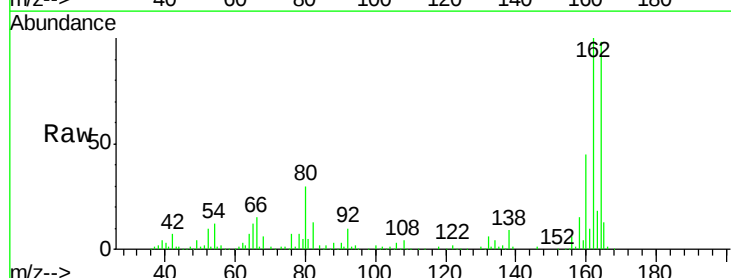
Tgt Ion:164 Resp: 258113

Ion Ratio Lower Upper

164 100

162 101.8 82.8 124.2

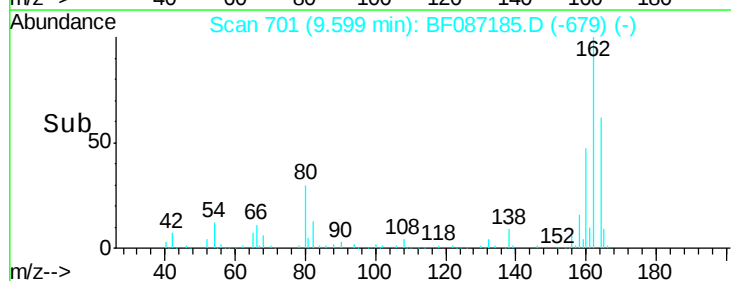
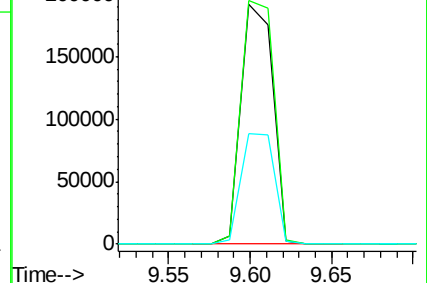
160 46.0 36.9 55.3

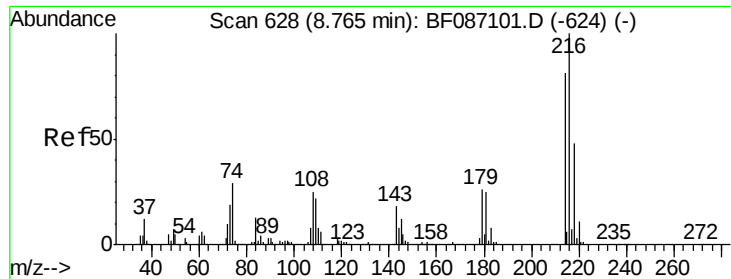


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.57 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.03 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 305845

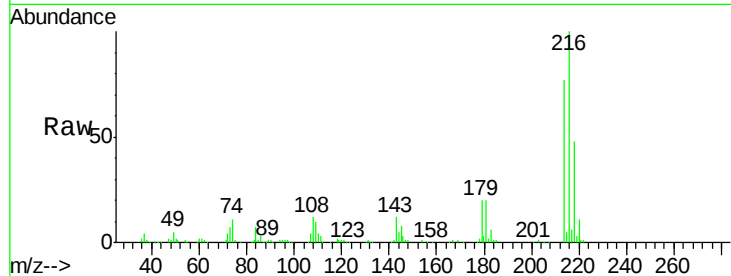
Ion Ratio Lower Upper

216 100

214 79.2 62.6 93.8

179 23.0 18.2 27.4

108 21.5 17.5 26.3

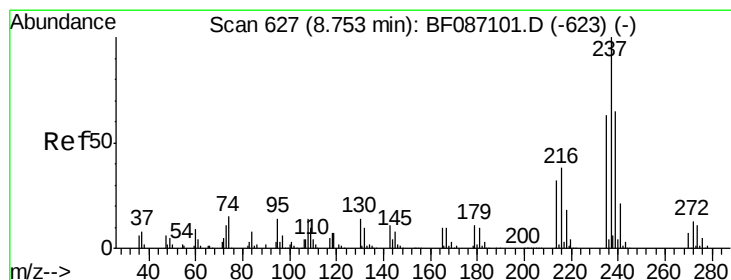
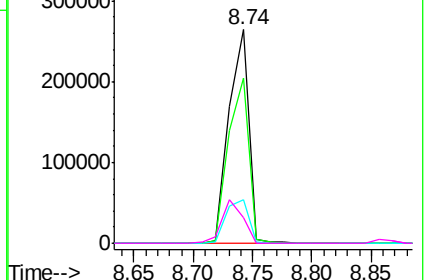
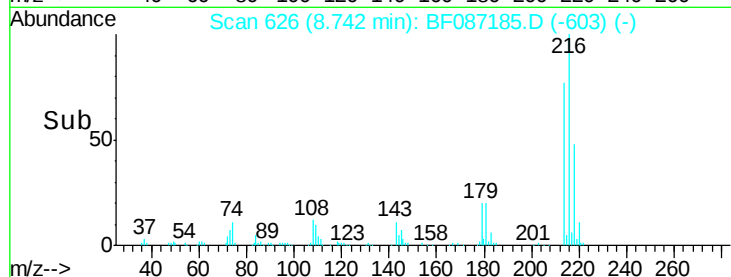


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.33 ng

RT: 8.72 min Scan# 624

Delta R.T. -0.04 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

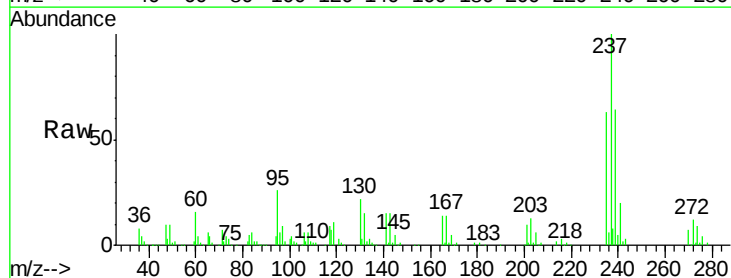
Tgt Ion:237 Resp: 98396

Ion Ratio Lower Upper

237 100

235 62.6 47.2 87.2

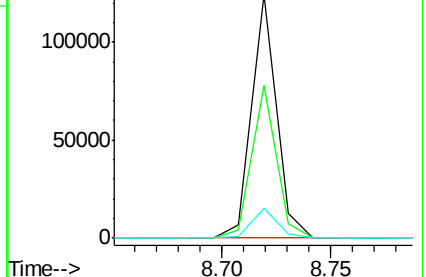
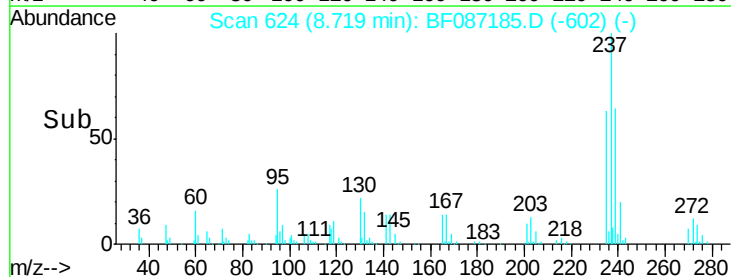
272 12.0 0.0 31.1

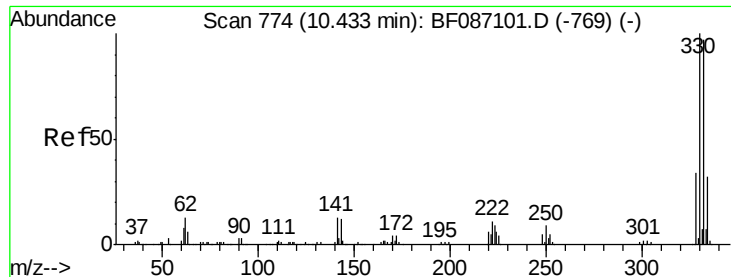


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

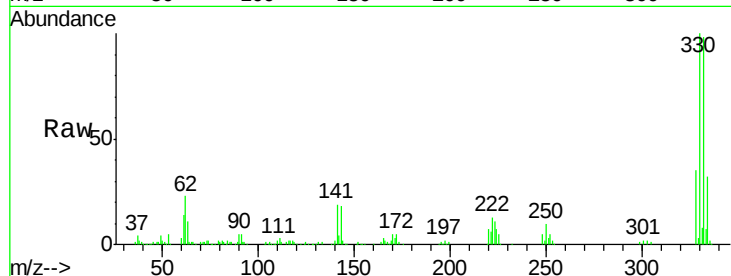




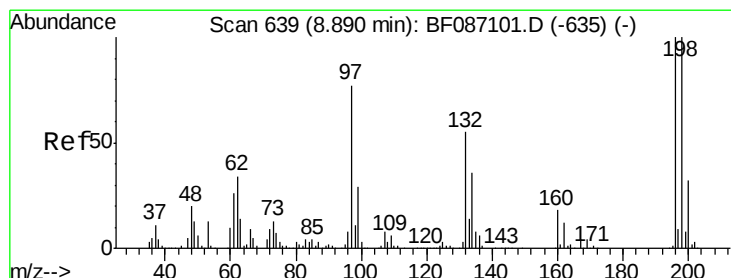
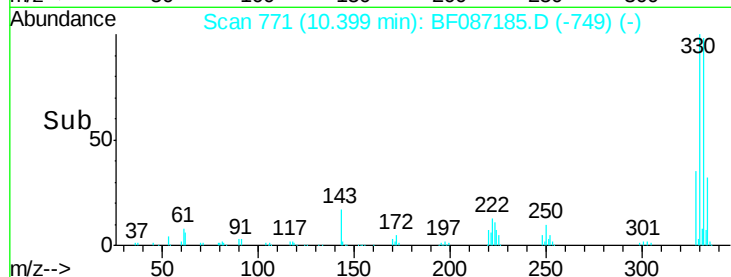
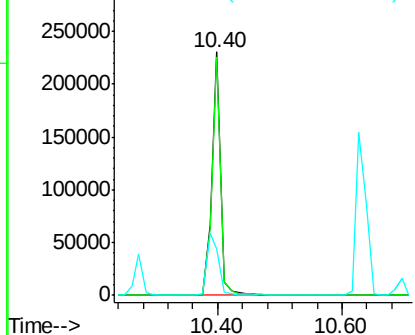
#41
 2,4,6-Tribromophenol
 Concen: 78.33 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087185.D
 Acq: 19 May 2016 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.0	118.4
141	33.5	31.2	46.8

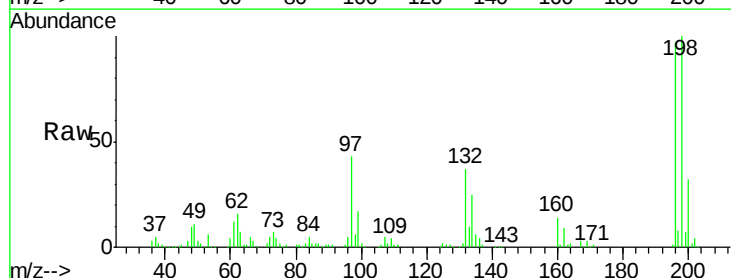


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

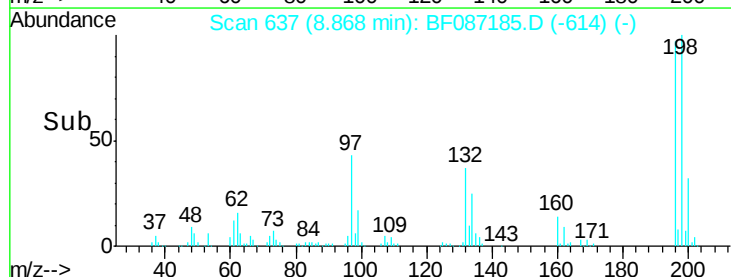
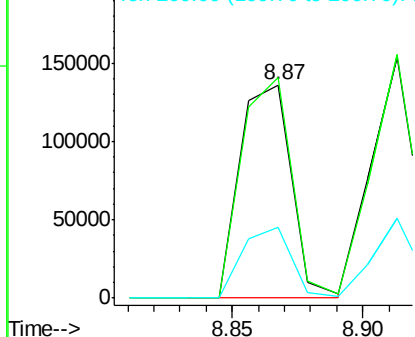


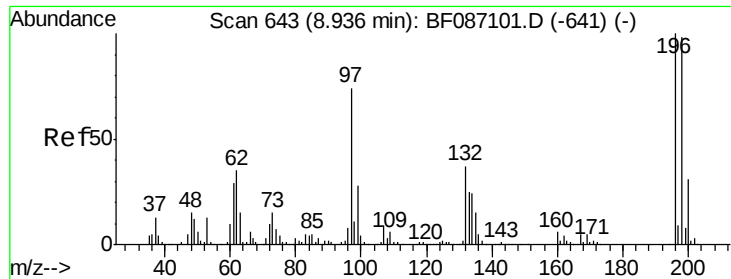
#42
 2,4,6-Trichlorophenol
 Concen: 38.67 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.03 min
 Lab File: BF087185.D
 Acq: 19 May 2016 13:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.6	74.7	112.1
200	33.4	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

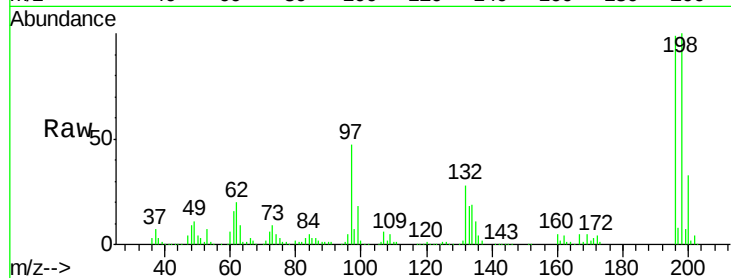




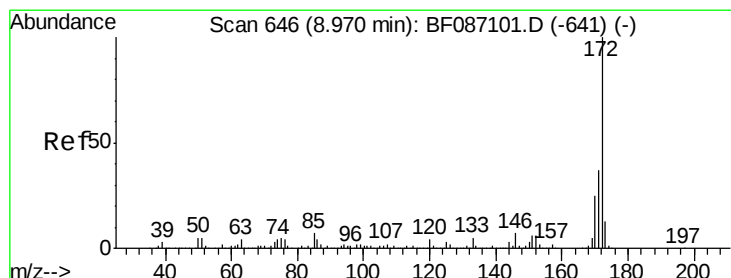
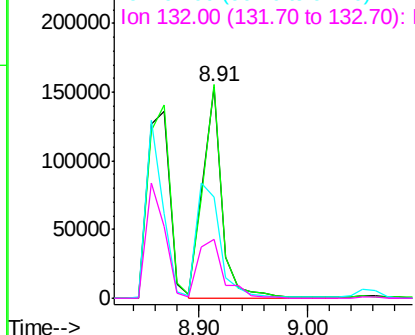
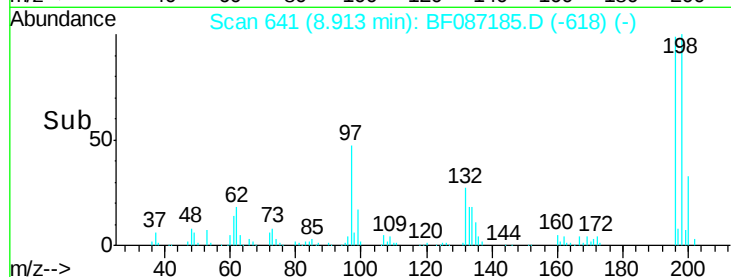
#43
 2,4,5-Trichlorophenol
 Concen: 38.14 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.03 min
 Lab File: BF087185.D
 Acq: 19 May 2016 13:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.9	77.5	116.3
97	47.7	34.8	52.2
132	27.9	23.0	34.4

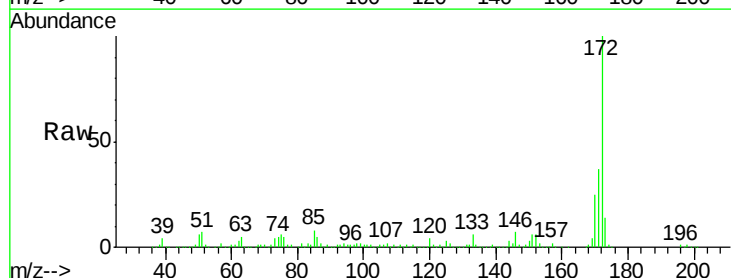


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

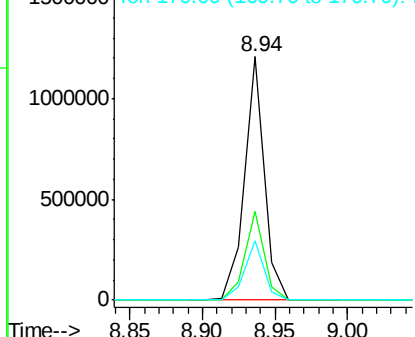
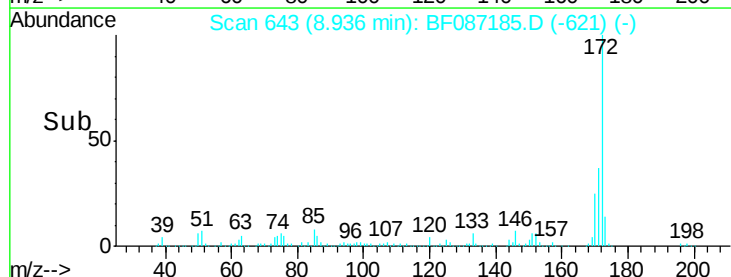


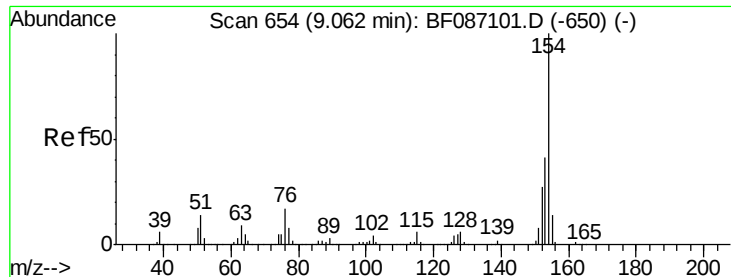
#44
 2-Fluorobiphenyl
 Concen: 73.63 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.05 min
 Lab File: BF087185.D
 Acq: 19 May 2016 13:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	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: 43.24 ng

RT: 9.04 min Scan# 652

Delta R.T. -0.03 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Instrument :

BNA_F

ClientSampleId :

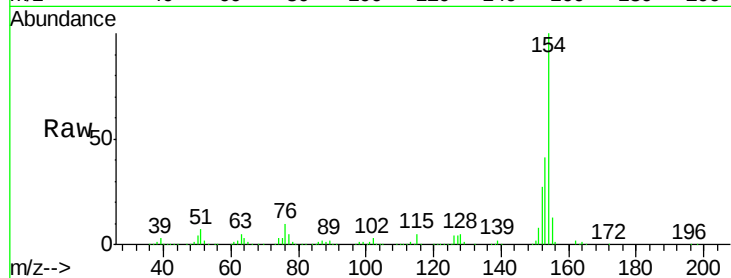
Tot Ion:154 Resp: 925452

Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

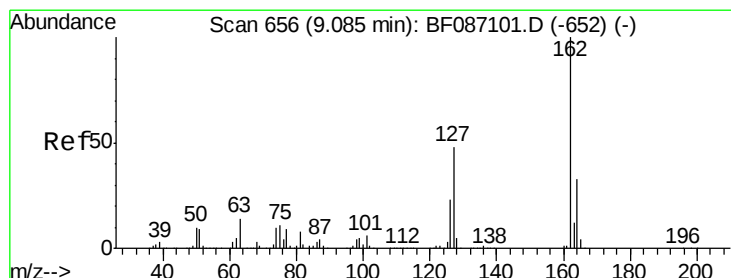
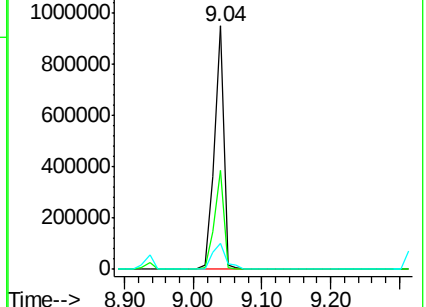
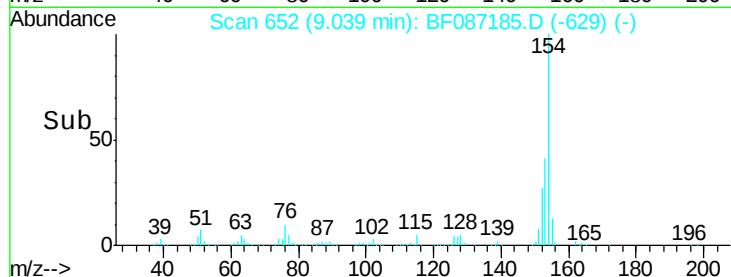
76 10.5 0.0 30.2



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): E



#46

2-Chloronaphthalene

Concen: 40.82 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.03 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

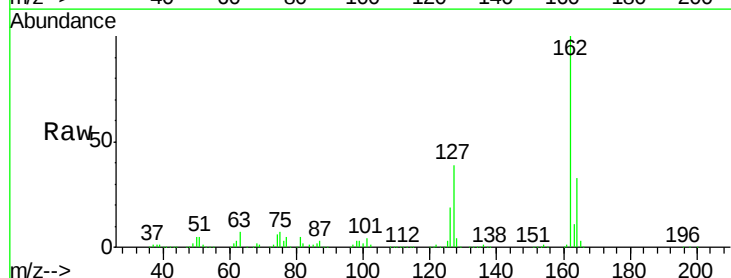
Tgt Ion:162 Resp: 670638

Ion Ratio Lower Upper

162 100

127 39.0 31.8 47.6

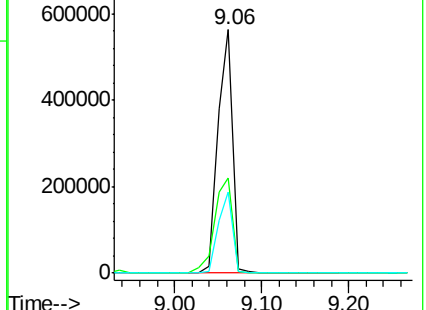
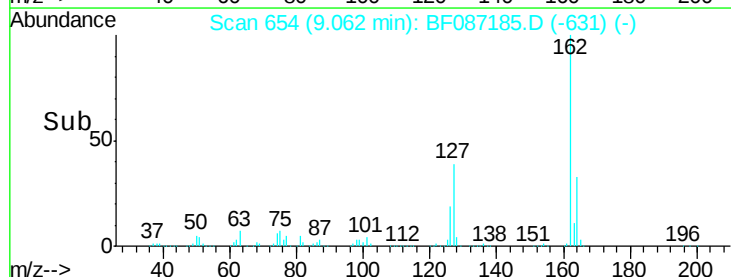
164 33.2 27.0 40.6

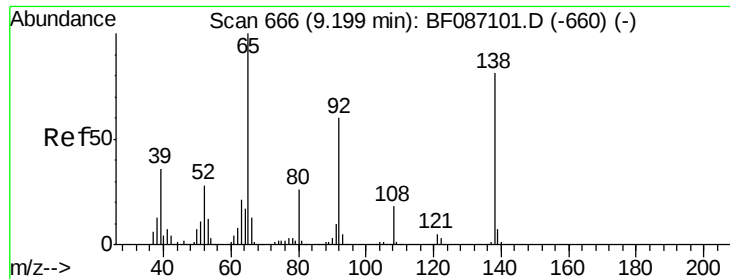


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.00 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Instrument :

BNA_F

ClientSampleId :

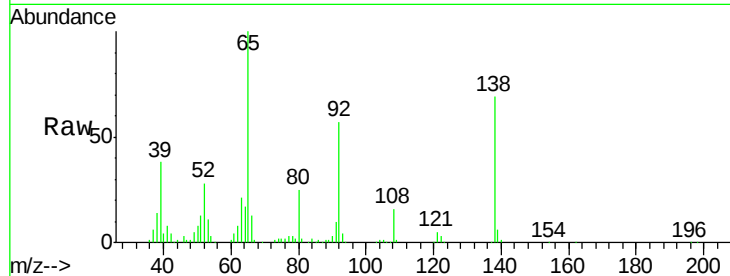
Tot Ion: 65 Resp: 232963

Ion Ratio Lower Upper

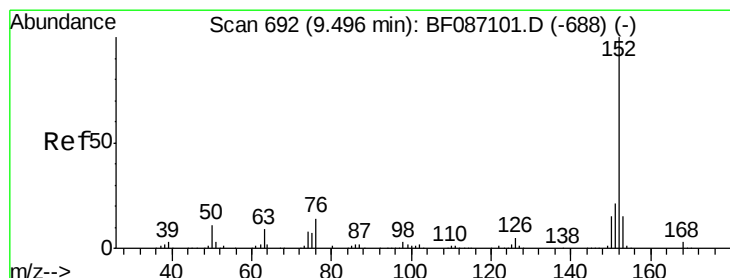
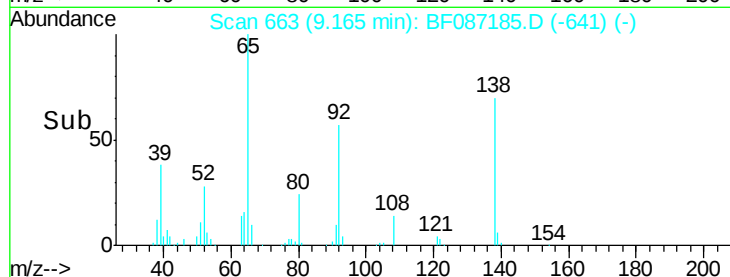
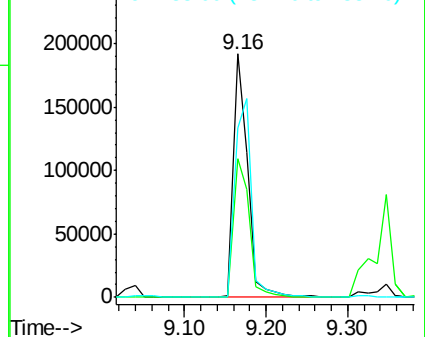
65 100

92 57.0 57.4 86.2#

138 69.4 90.1 135.1#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 38.47 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

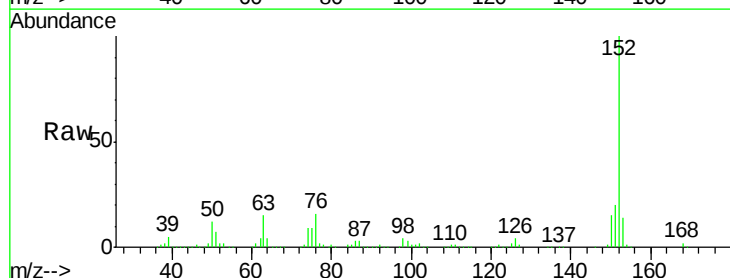
Tgt Ion: 152 Resp: 965150

Ion Ratio Lower Upper

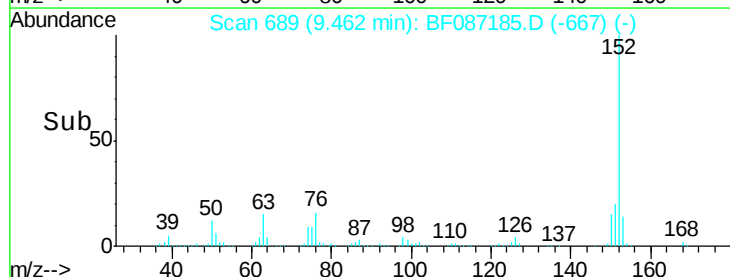
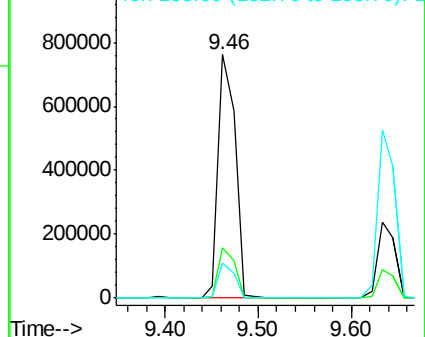
152 100

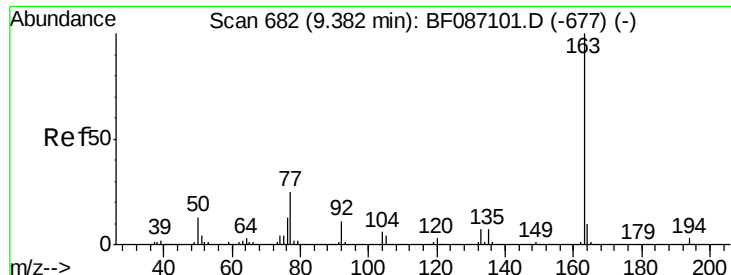
151 20.4 16.8 25.2

153 14.2 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

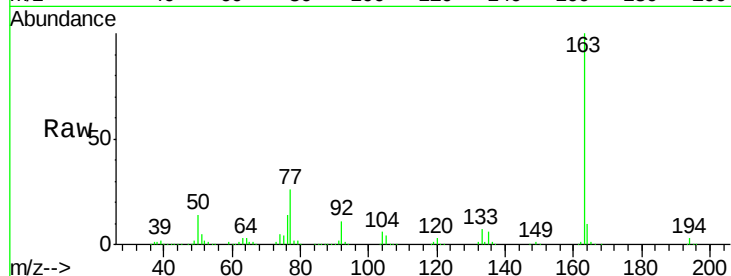




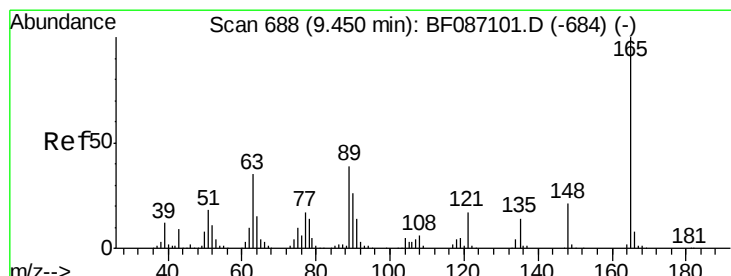
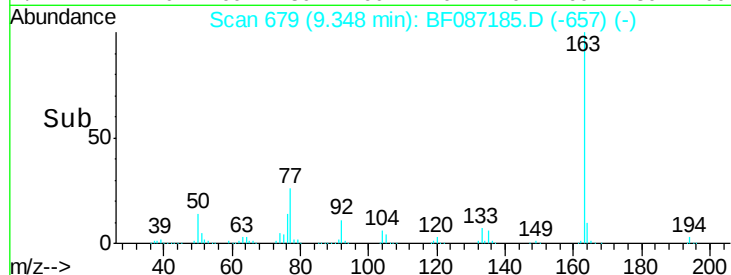
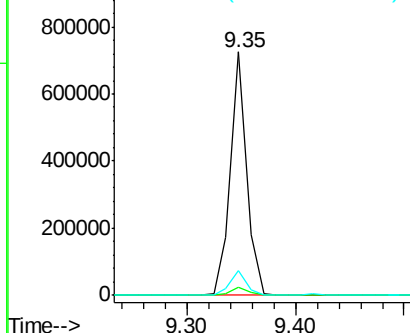
#49
Dimethylphthalate
Concen: 38.03 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 748750
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.3 8.2 12.4

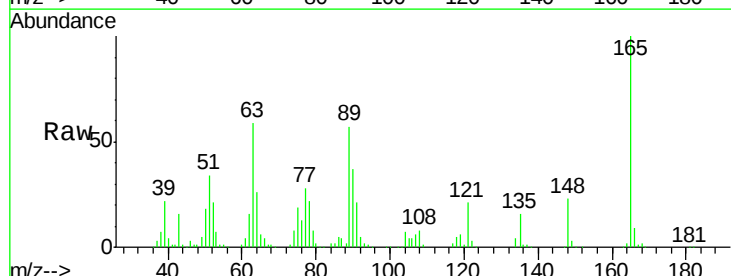


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

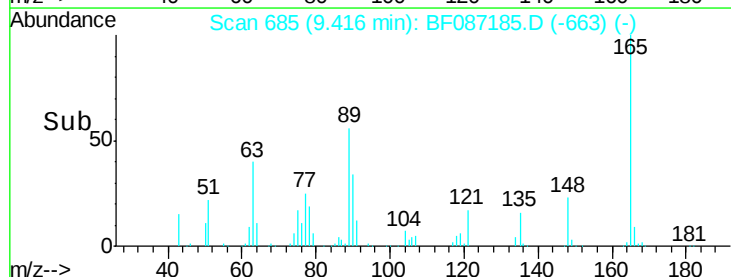
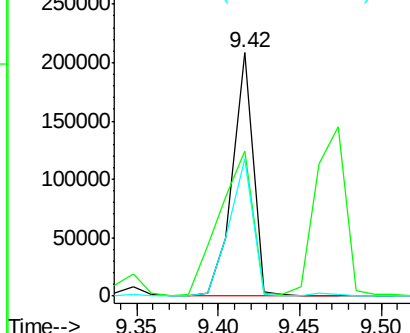


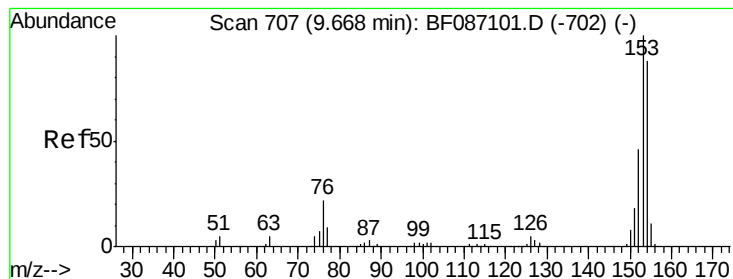
#50
2,6-Dinitrotoluene
Concen: 42.74 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

Tgt Ion:165 Resp: 182722
Ion Ratio Lower Upper
165 100
63 59.5 51.8 77.8
89 56.6 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: 37.84 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Instrument :

BNA_F

ClientSampleId :

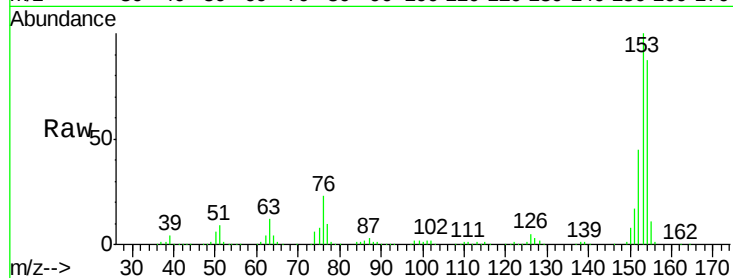
Tot Ion:154 Resp: 593054

Ion Ratio Lower Upper

154 100

153 115.2 89.8 134.6

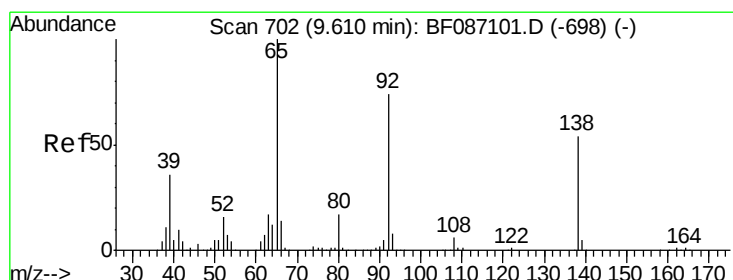
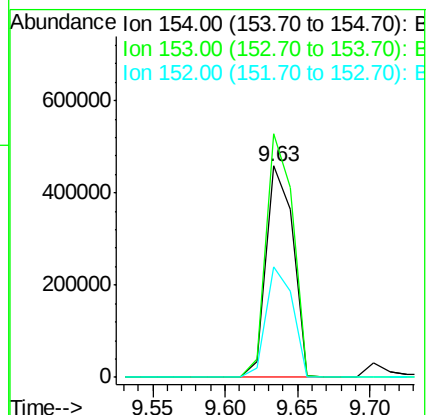
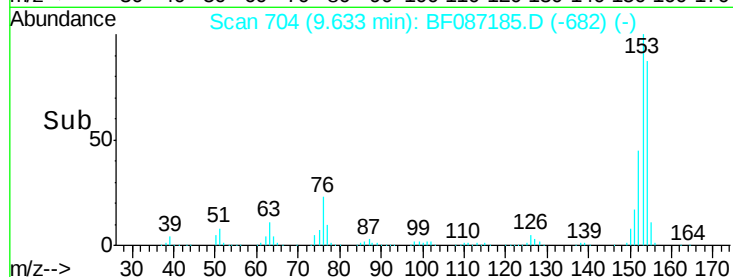
152 52.1 43.4 65.0



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: 42.72 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

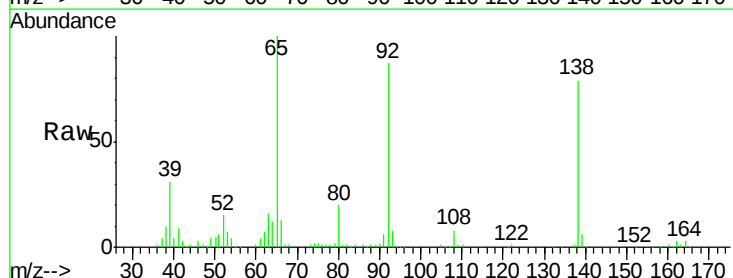
Tgt Ion:138 Resp: 197702

Ion Ratio Lower Upper

138 100

108 10.3 7.8 11.6

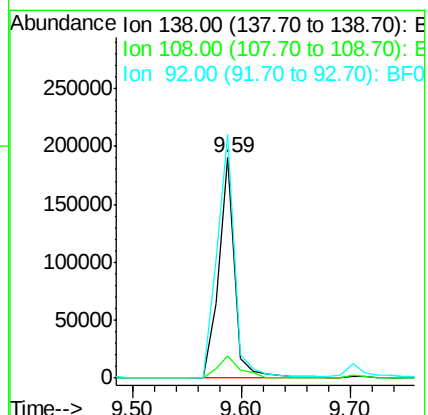
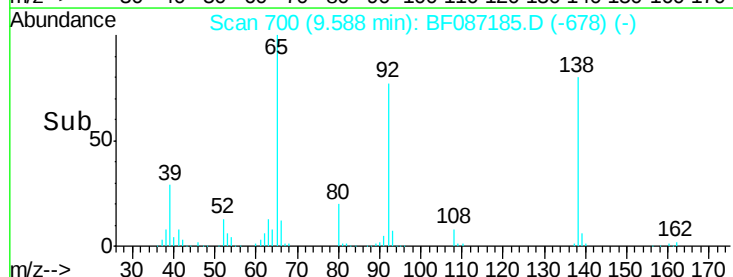
92 110.5 87.8 131.8

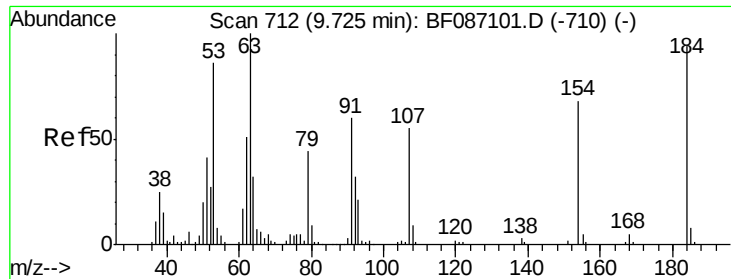


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

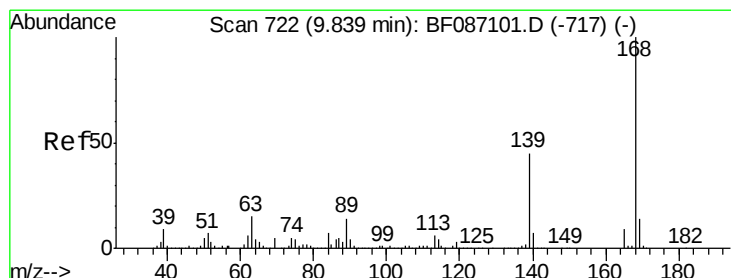
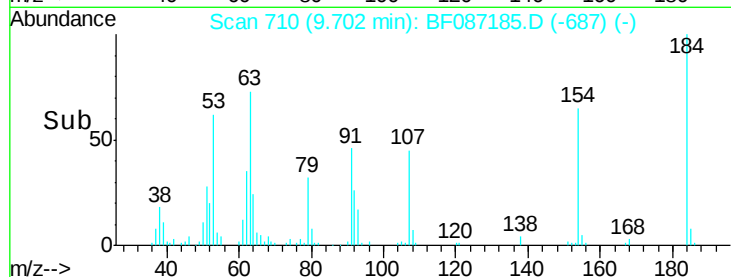
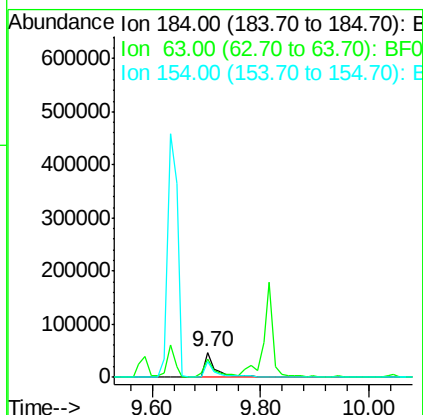
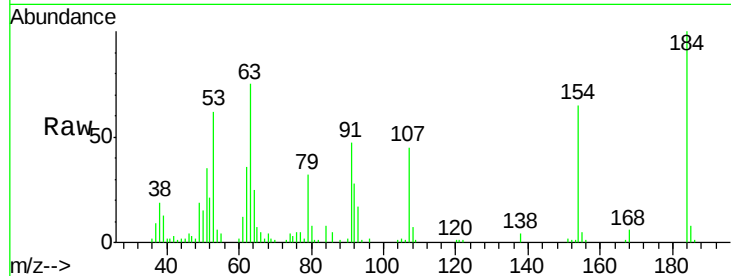




#53
 2,4-Dinitrophenol
 Concen: 32.68 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.03 min
 Lab File: BF087185.D
 Acq: 19 May 2016 13:33

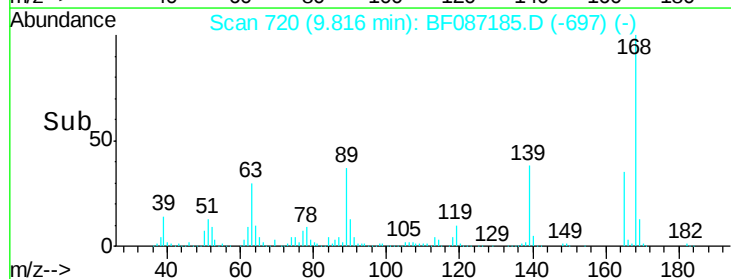
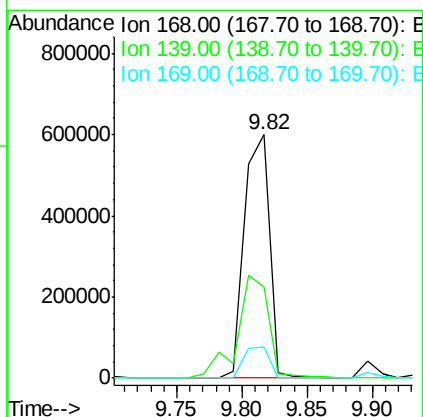
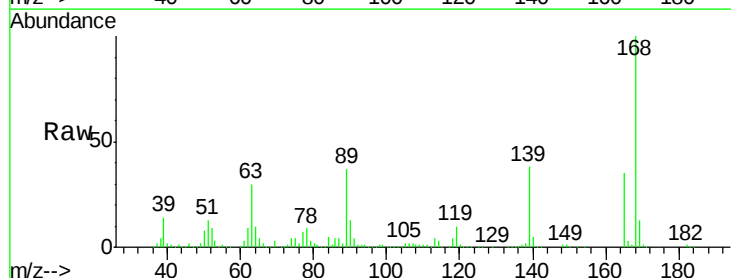
Instrument :
 BNA_F
 ClientSampleId :

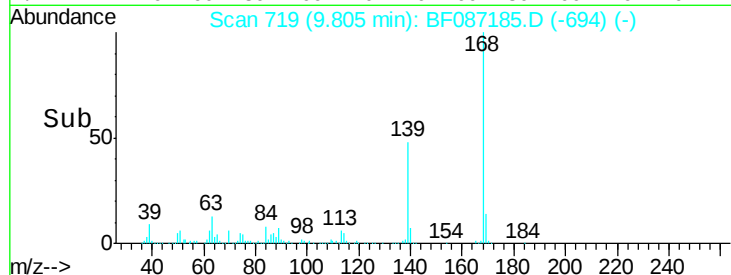
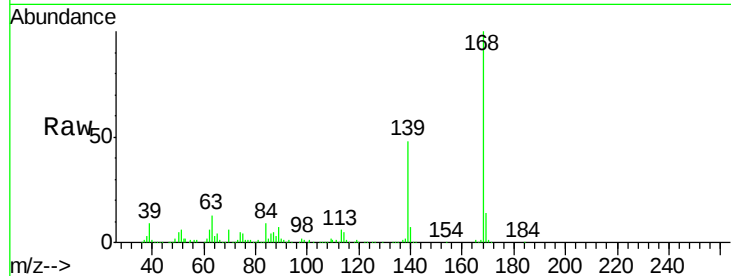
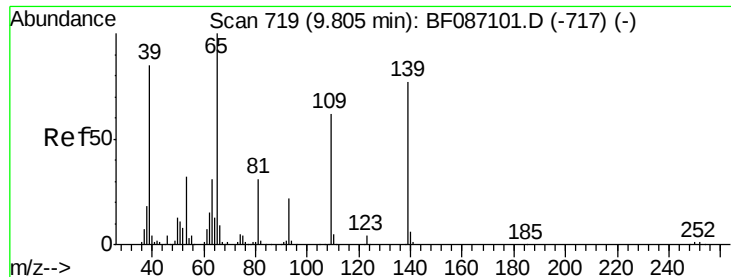
Tot Ion:184 Resp: 72765
 Ion Ratio Lower Upper
 184 100
 63 75.4 55.8 83.8
 154 65.5 62.4 93.6



#54
 Dibenzofuran
 Concen: 39.46 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF087185.D
 Acq: 19 May 2016 13:33

Tgt Ion:168 Resp: 799807
 Ion Ratio Lower Upper
 168 100
 139 37.6 31.4 47.0
 169 12.8 10.7 16.1

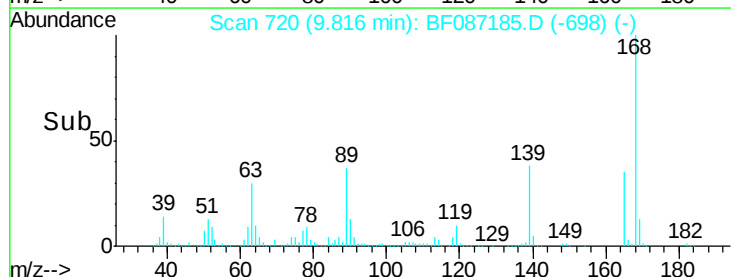
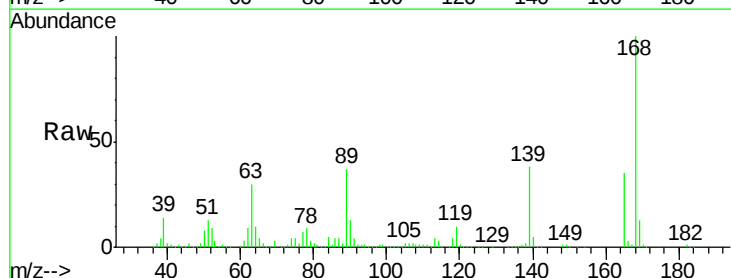
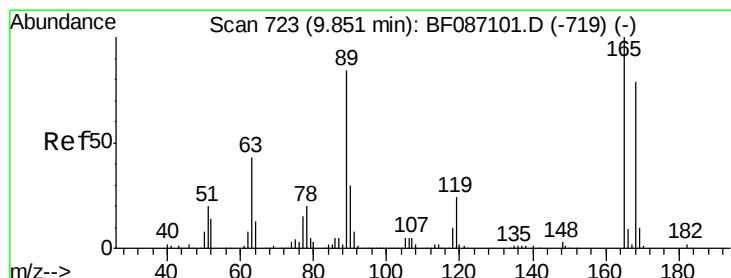
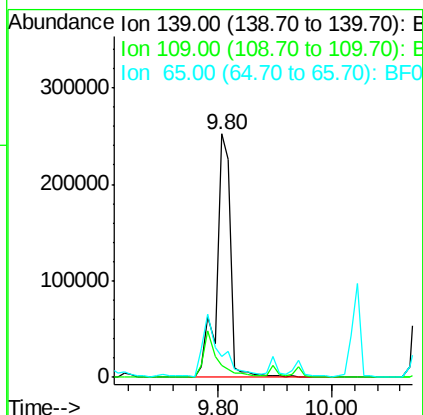




#55
4-Nitrophenol
Concen: 103.81 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

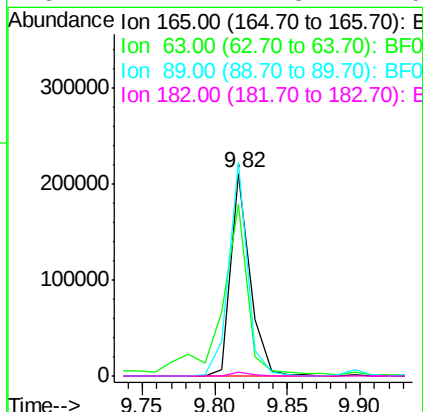
Instrument :
BNA_F
ClientSampleId :

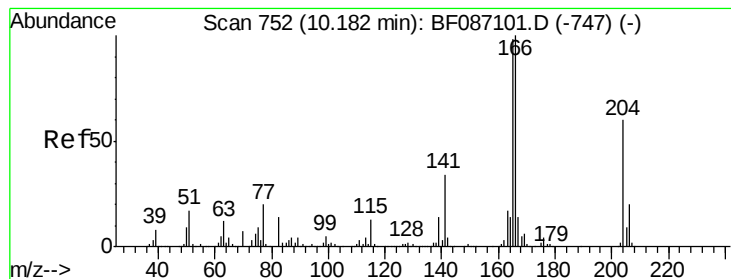
Tot Ion	Ratio	Lower	Upper
139	100		
109	4.9	36.9	76.9#
65	8.4	64.0	104.0#



#56
2,4-Dinitrotoluene
Concen: 35.85 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	84.8	44.3	66.5#
89	105.3	70.0	105.0#
182	2.2	1.8	2.6





#57

Fluorene

Concen: 38.05 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Instrument :

BNA_F

ClientSampleId :

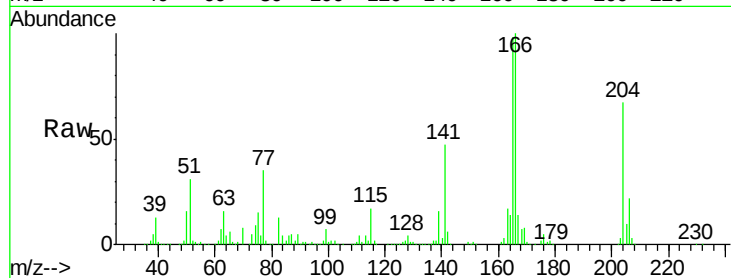
Tot Ion:166 Resp: 619559

Ion Ratio Lower Upper

166 100

165 98.2 79.0 118.6

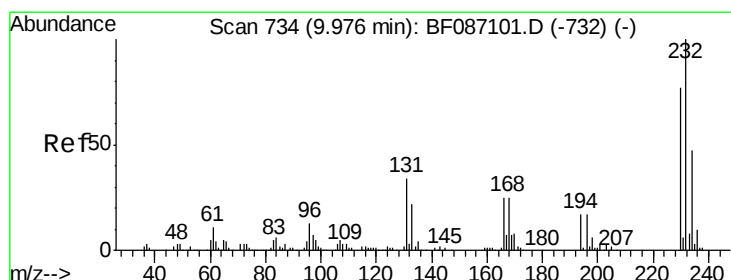
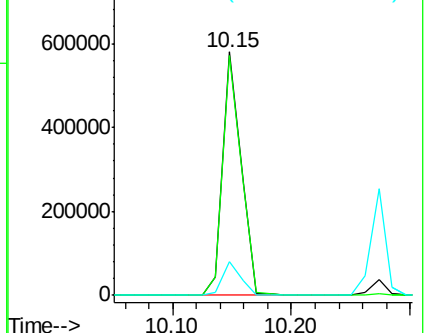
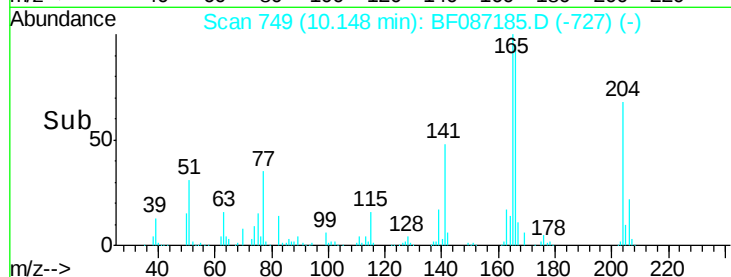
167 13.9 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.70 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Tgt Ion:232 Resp: 157033

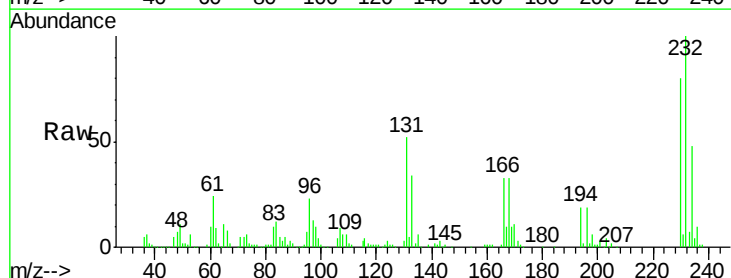
Ion Ratio Lower Upper

232 100

131 51.9 41.9 62.9

130 2.5 2.2 3.4

166 31.1 26.8 40.2

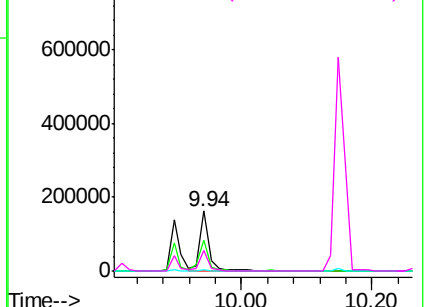
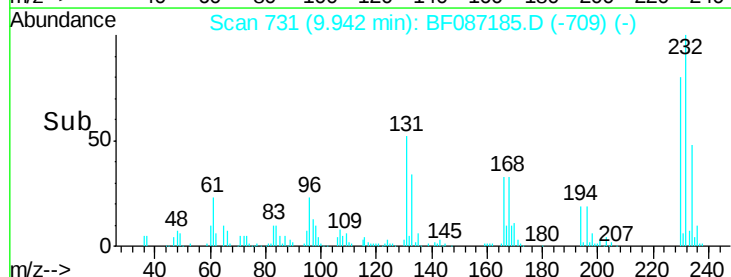


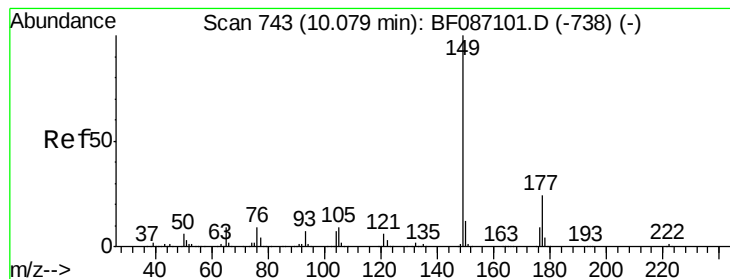
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.90 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Instrument :

BNA_F

ClientSampleId :

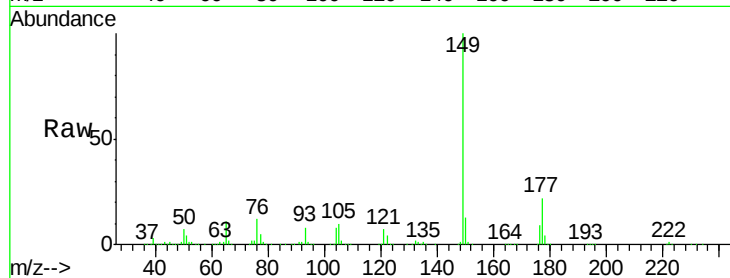
Tot Ion:149 Resp: 787512

Ion Ratio Lower Upper

149 100

177 21.9 16.6 24.8

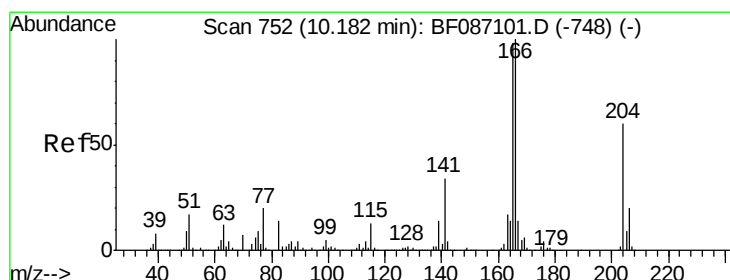
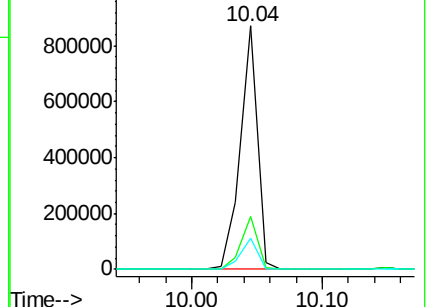
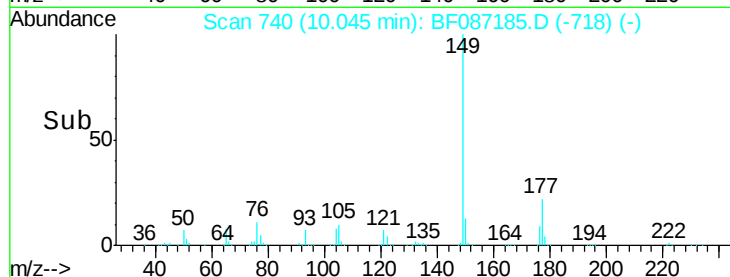
150 12.8 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.21 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

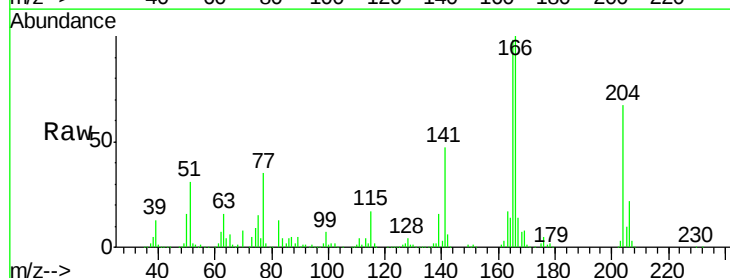
Tgt Ion:204 Resp: 318129

Ion Ratio Lower Upper

204 100

206 32.4 25.4 38.0

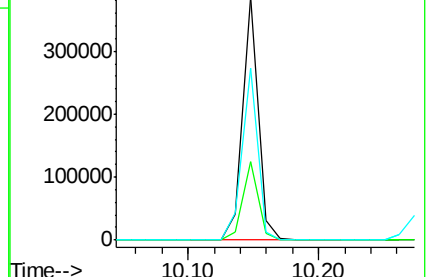
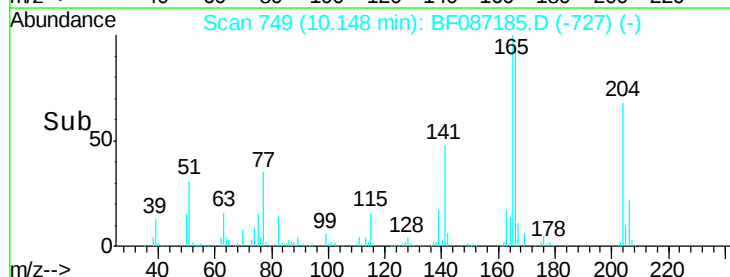
141 70.8 61.6 92.4

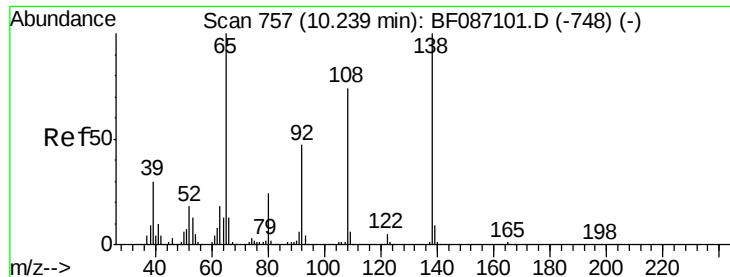


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

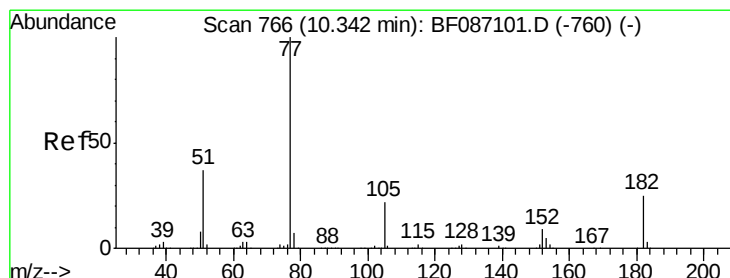
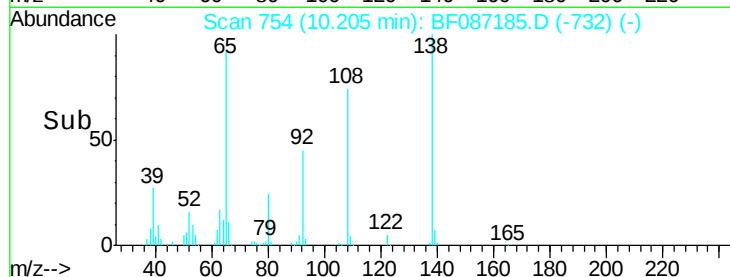
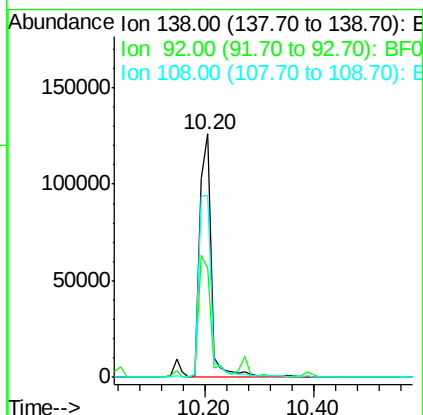
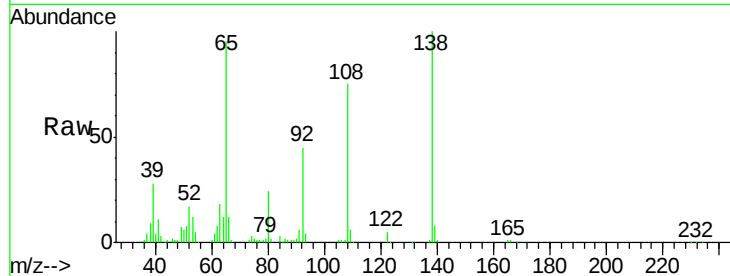




#61
4-Nitroaniline
Concen: 39.86 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.05 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

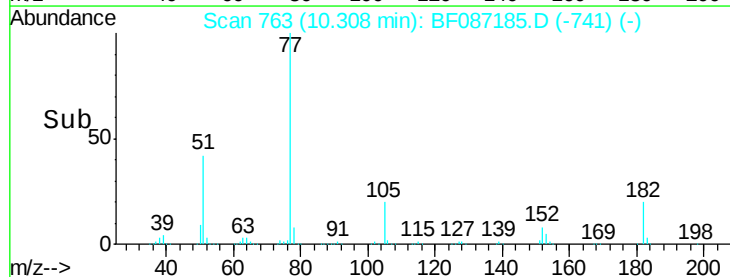
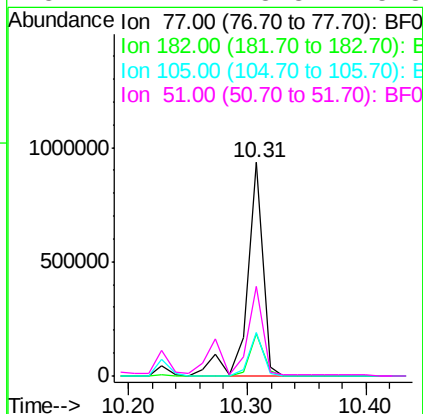
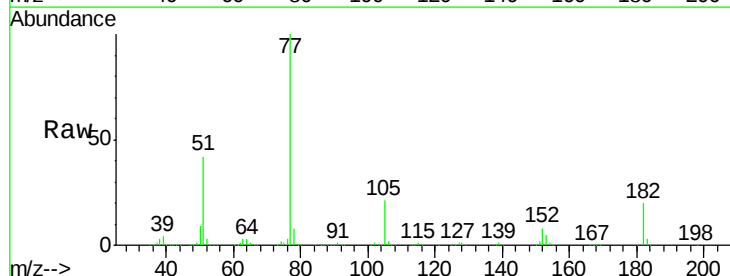
Instrument :
BNA_F
ClientSampleId :

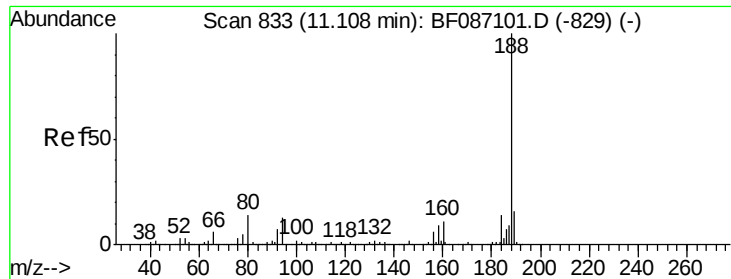
Tot Ion:138 Resp: 182144
Ion Ratio Lower Upper
138 100
92 45.0 24.7 64.7
108 75.0 37.4 77.4



#62
Azobenzene
Concen: 40.17 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.05 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

Tgt Ion: 77 Resp: 870174
Ion Ratio Lower Upper
77 100
182 19.6 0.0 38.8
105 20.7 3.2 43.2
51 42.1 8.8 48.8

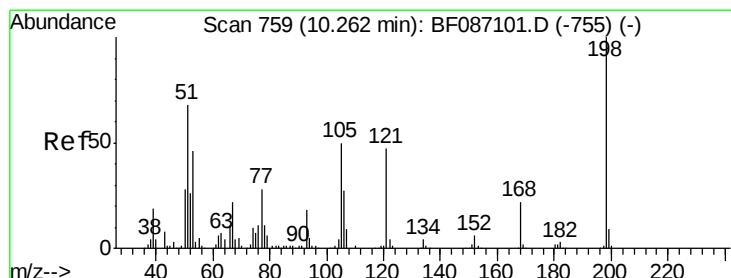
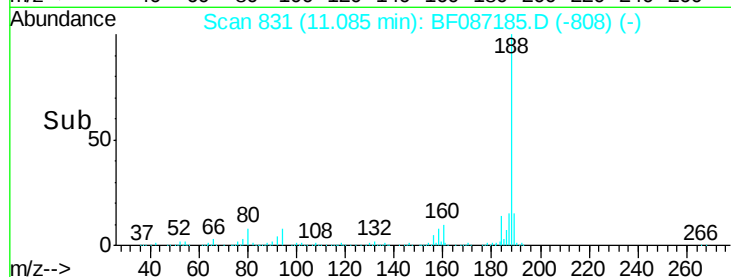
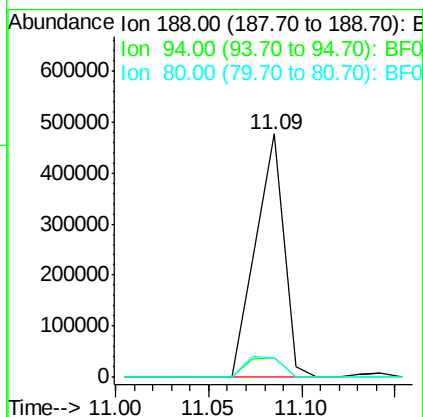
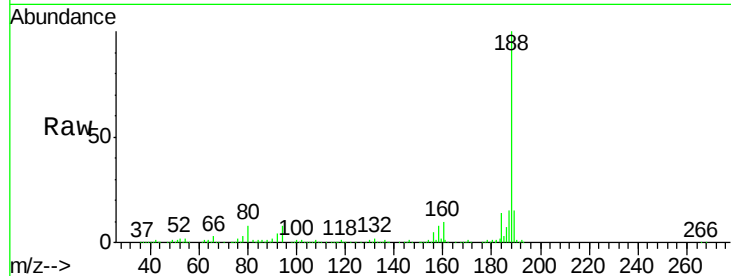




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

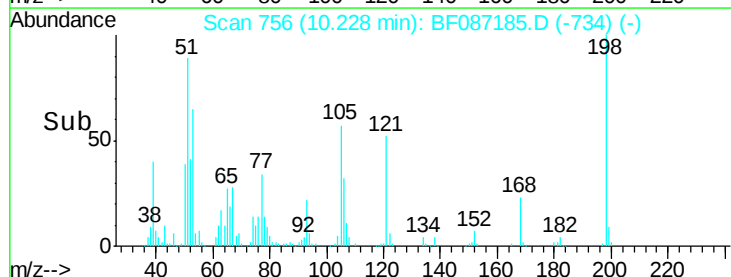
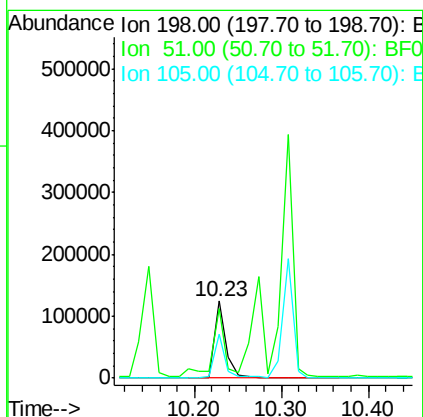
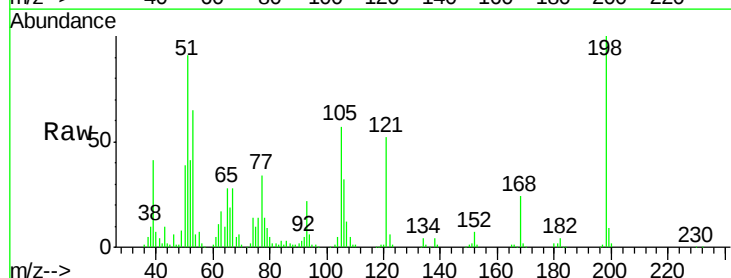
Instrument :
BNA_F
ClientSampleId :

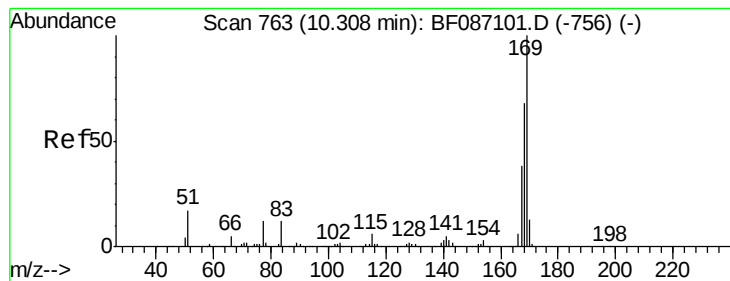
Tot Ion:188 Resp: 501479
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.2 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 36.24 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.05 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

Tgt Ion:198 Resp: 119684
Ion Ratio Lower Upper
198 100
51 91.1 20.5 60.5#
105 57.4 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 37.33 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Instrument :

BNA_F

ClientSampleId :

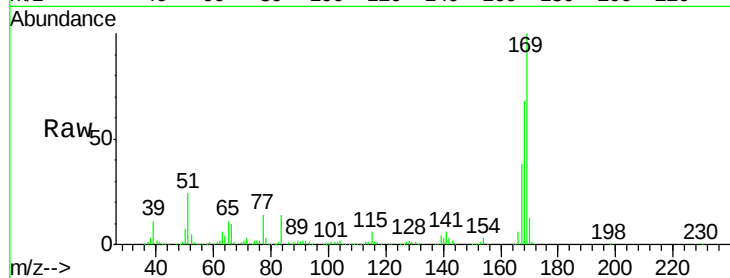
Tot Ion:169 Resp: 589086

Ion Ratio Lower Upper

169 100

168 67.6 53.8 80.6

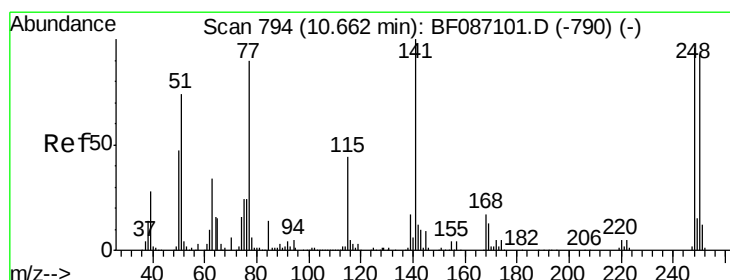
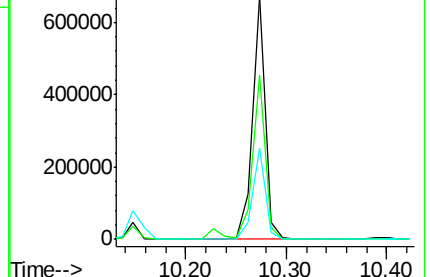
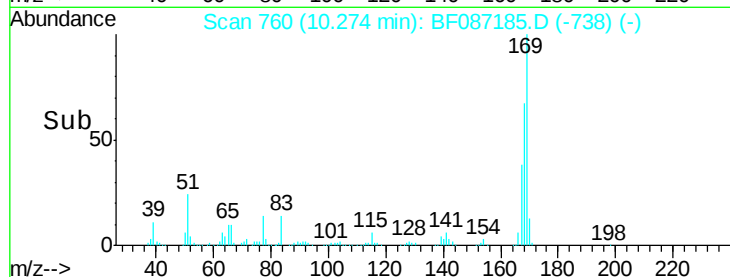
167 37.6 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.65 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.03 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

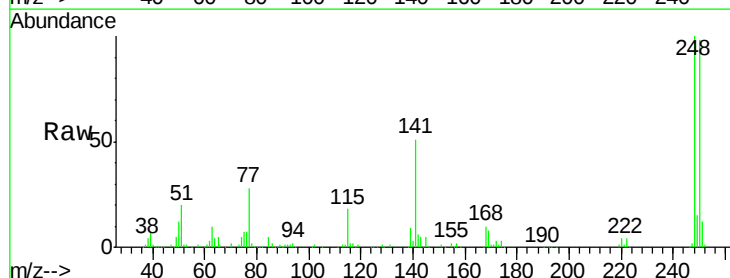
Tgt Ion:248 Resp: 199298

Ion Ratio Lower Upper

248 100

250 98.1 78.6 117.8

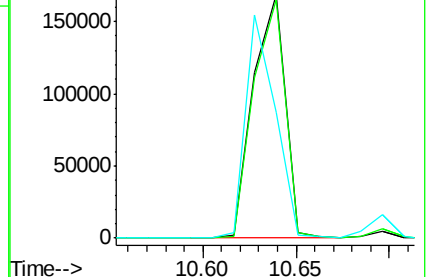
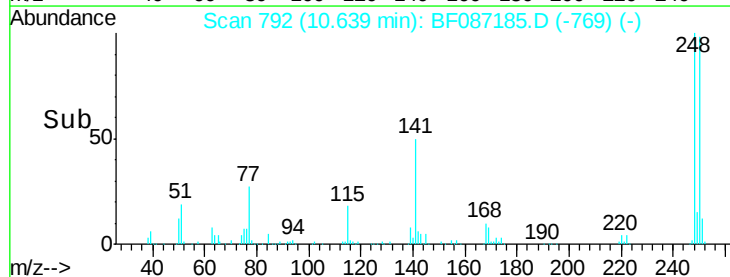
141 51.4 76.0 114.0#

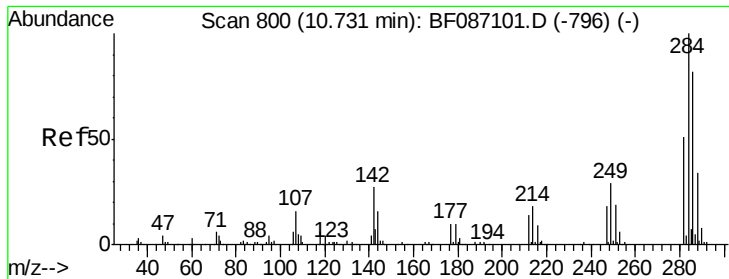


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

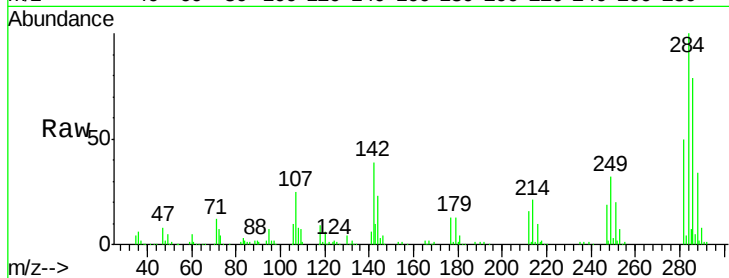




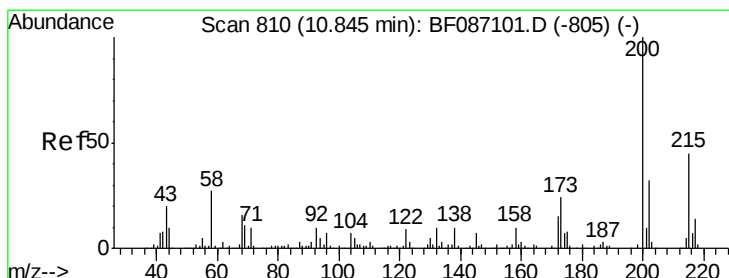
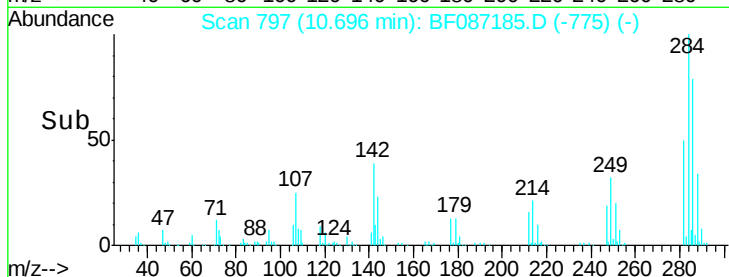
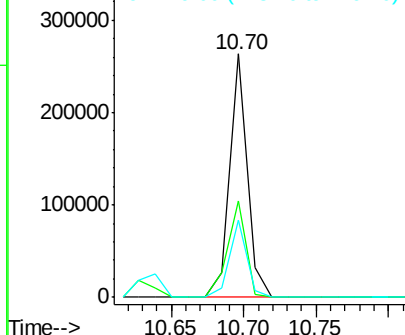
#67
Hexachlorobenzene
Concen: 37.22 ng
RT: 10.70 min Scan# 797
Delta R.T. -0.05 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 222529
Ion Ratio Lower Upper
284 100
142 39.5 16.7 25.1#
249 31.7 21.3 31.9

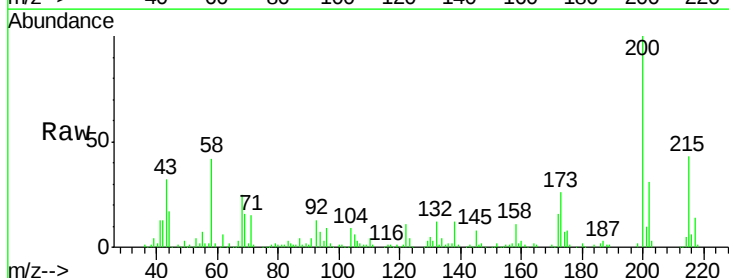


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

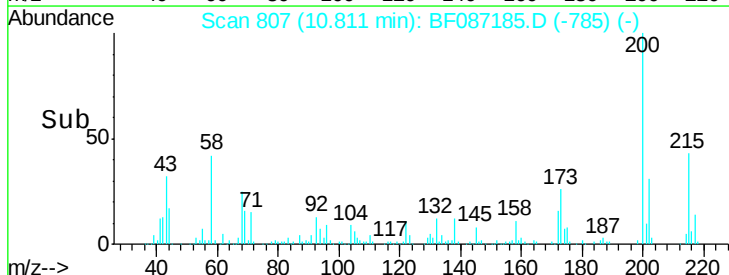
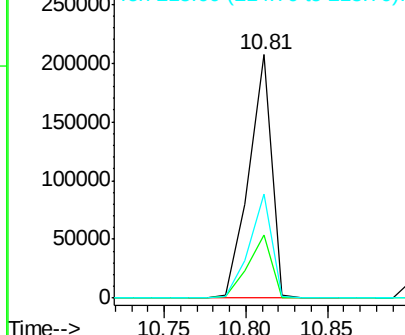


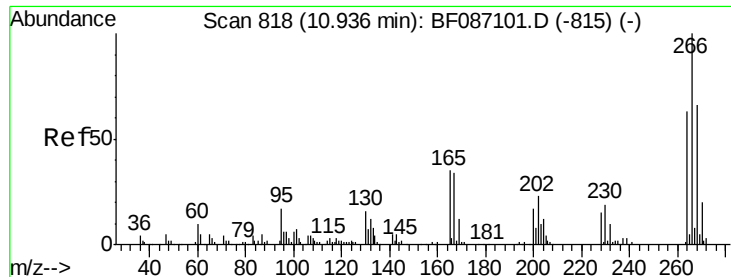
#68
Atrazine
Concen: 38.95 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

Tgt Ion:200 Resp: 200533
Ion Ratio Lower Upper
200 100
173 25.8 8.5 48.5
215 43.0 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

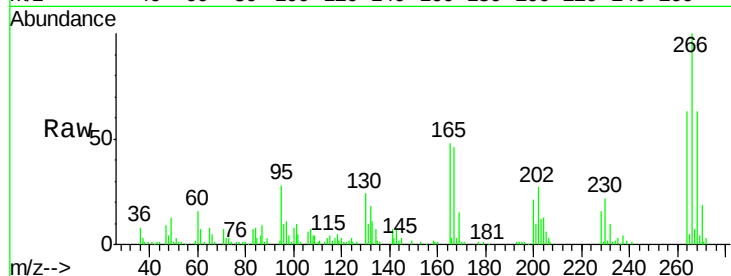




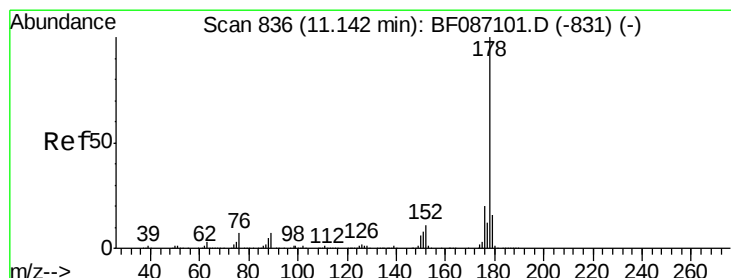
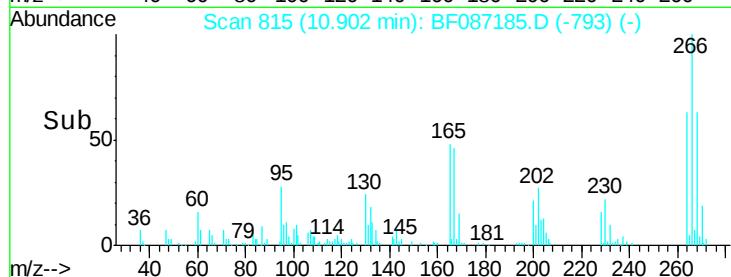
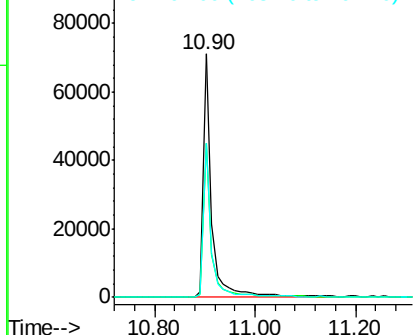
#69
 Pentachlorophenol
 Concen: 37.10 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.05 min
 Lab File: BF087185.D
 Acq: 19 May 2016 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 83318
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.5 77.3
 264 63.2 52.9 79.3

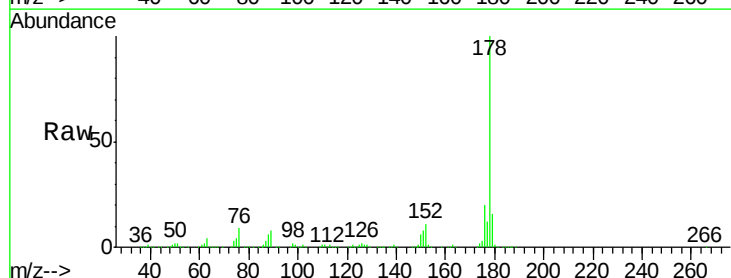


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

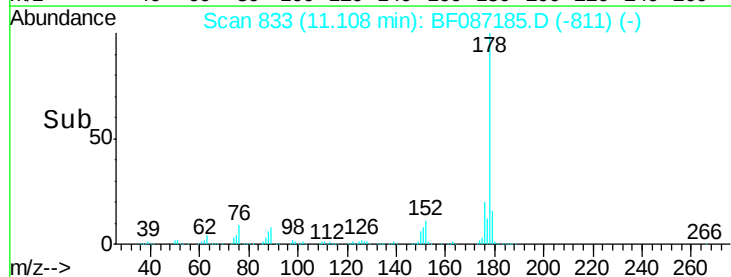
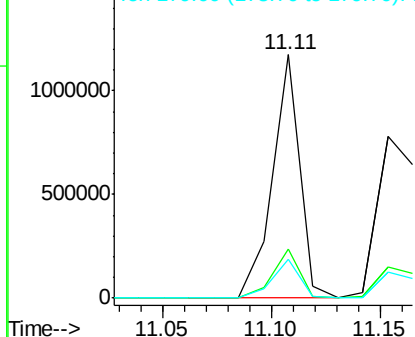


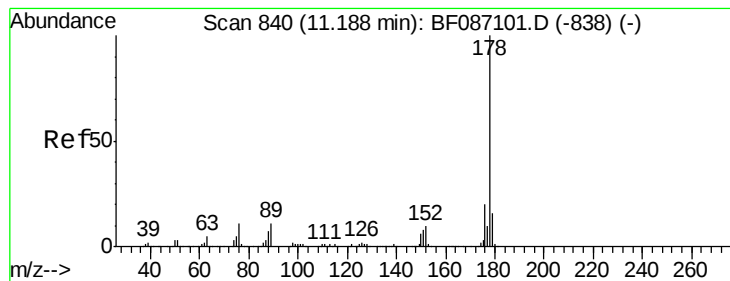
#70
 Phenanthrene
 Concen: 38.19 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.05 min
 Lab File: BF087185.D
 Acq: 19 May 2016 13:33

Tgt Ion:178 Resp: 1038693
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 15.7 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: 37.24 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Instrument :

BNA_F

ClientSampleId :

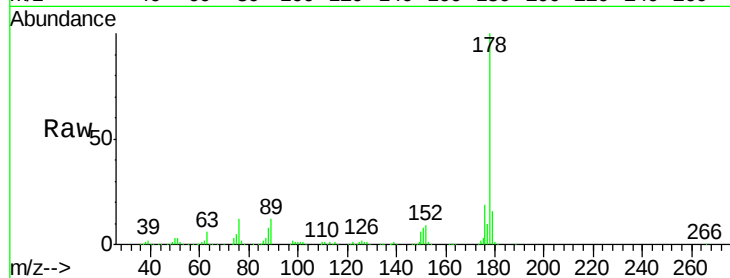
Tot Ion:178 Resp: 1024552

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

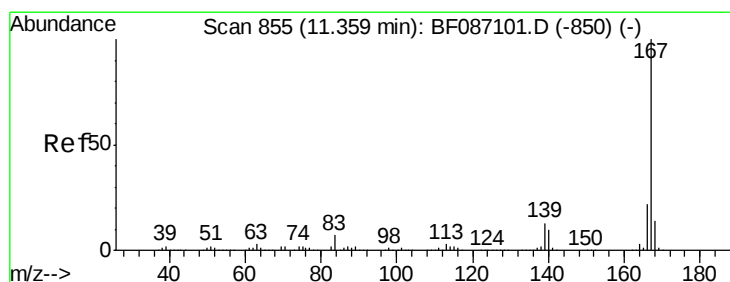
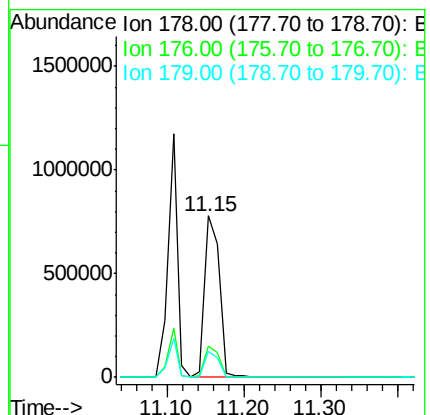
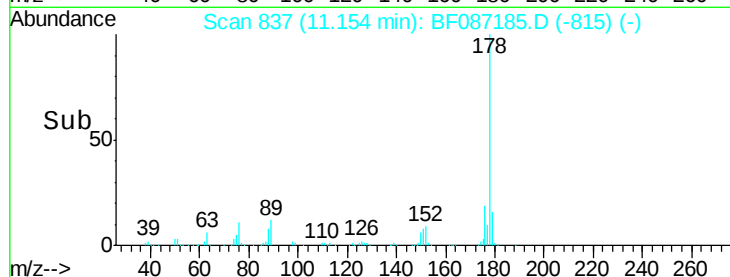
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.32 ng

RT: 11.33 min Scan# 852

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

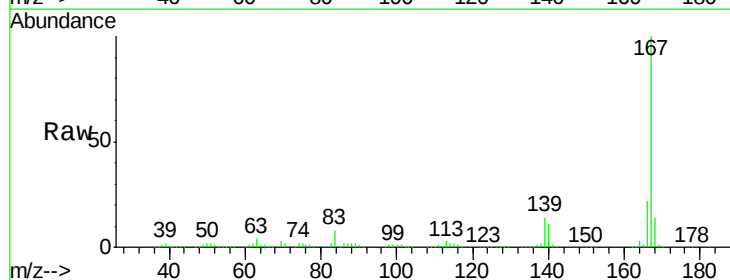
Tgt Ion:167 Resp: 963007

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

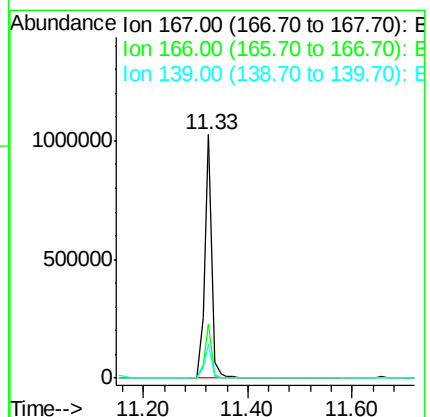
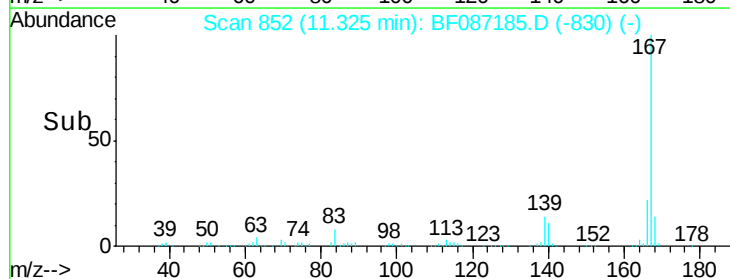
139 14.1 10.8 16.2

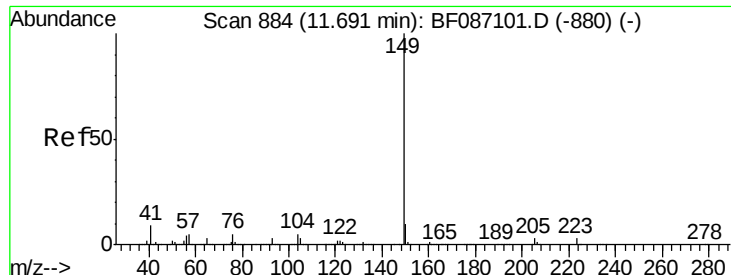


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.74 ng

RT: 11.66 min Scan# 881

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Instrument :

BNA_F

ClientSampleId :

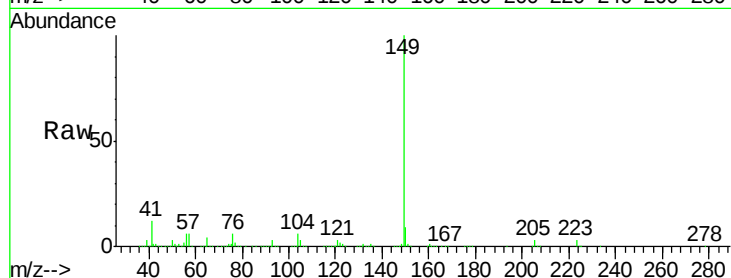
Tot Ion:149 Resp: 1089394

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

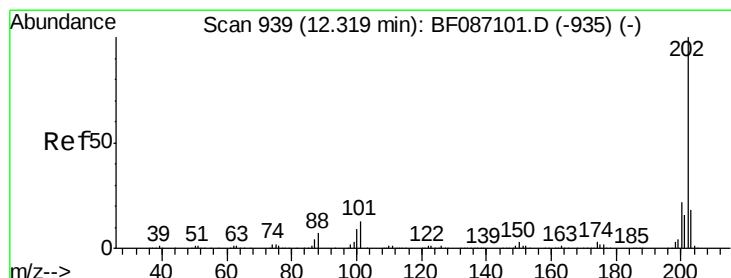
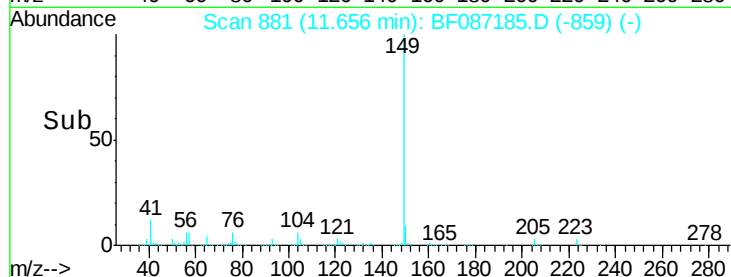
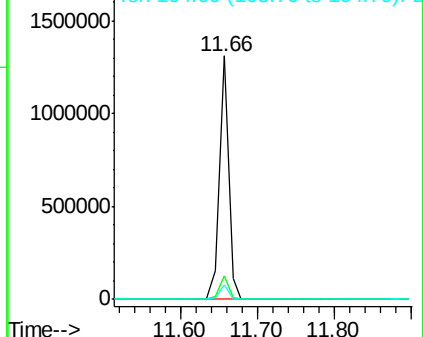
104 6.1 3.8 5.6#



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: 35.78 ng

RT: 12.29 min Scan# 936

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

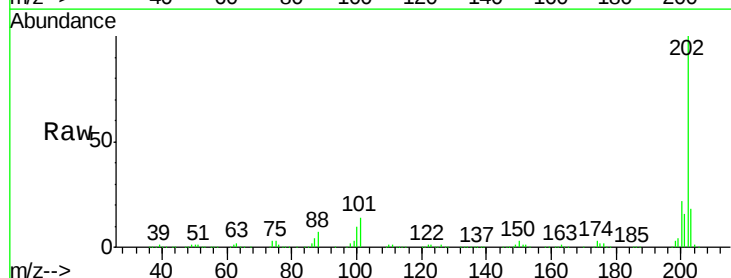
Tgt Ion:202 Resp: 974953

Ion Ratio Lower Upper

202 100

101 13.6 0.0 35.4

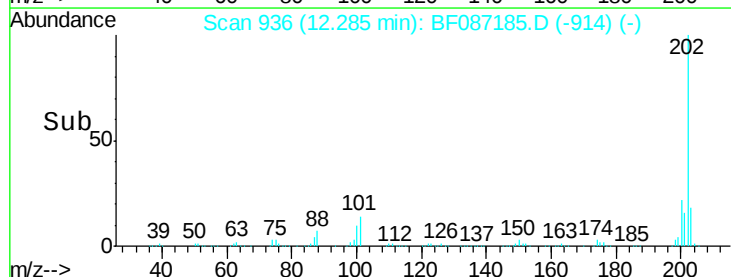
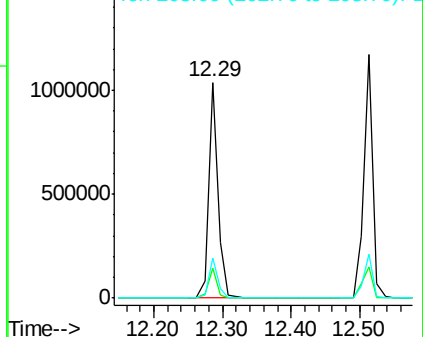
203 18.3 0.0 38.1

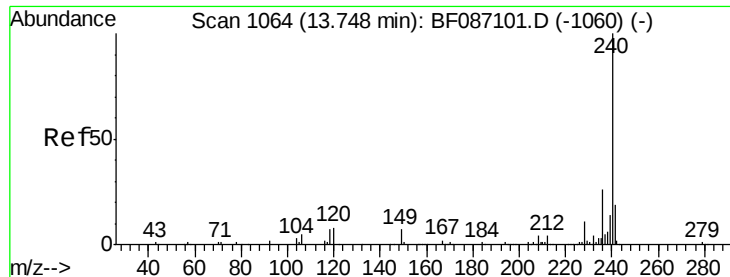


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Instrument :

BNA_F

ClientSampleId :

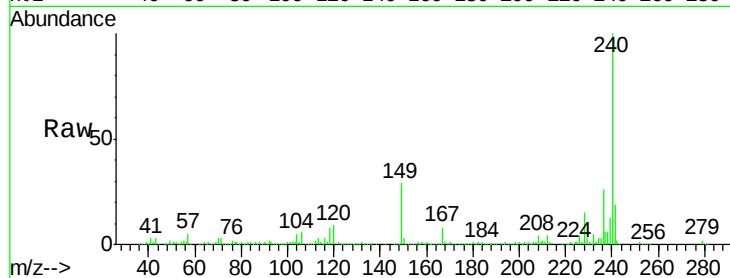
Tot Ion:240 Resp: 359802

Ion Ratio Lower Upper

240 100

120 8.8 11.2 16.8#

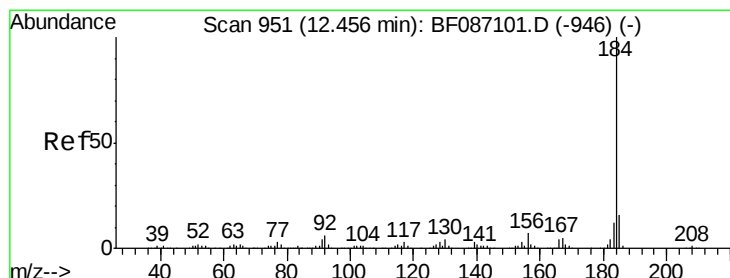
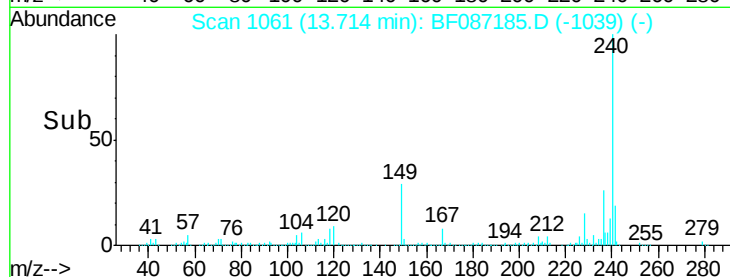
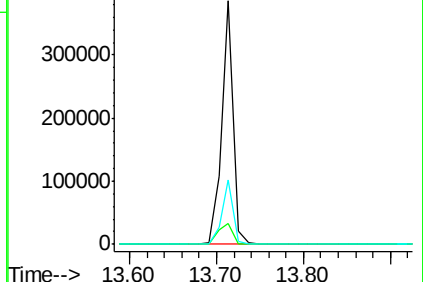
236 26.5 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.75 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

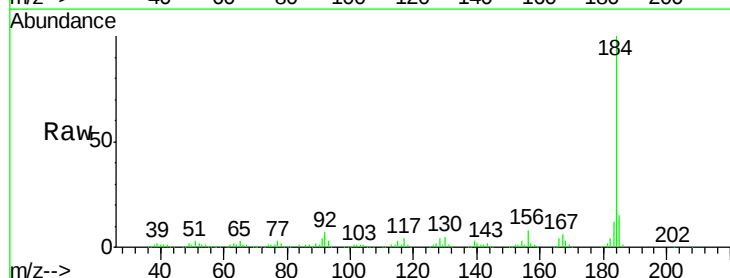
Tgt Ion:184 Resp: 367853

Ion Ratio Lower Upper

184 100

185 14.8 13.6 20.4

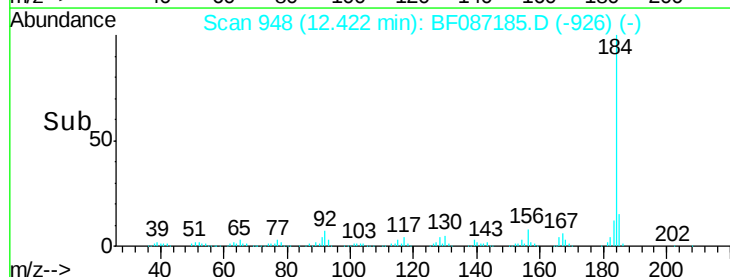
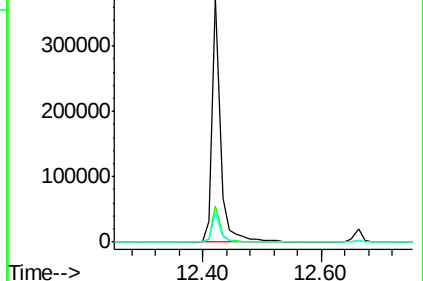
183 11.7 9.8 14.6

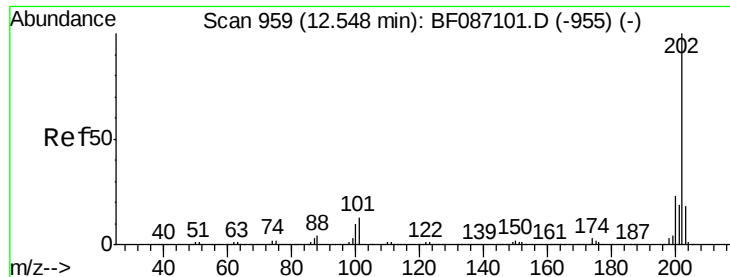


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

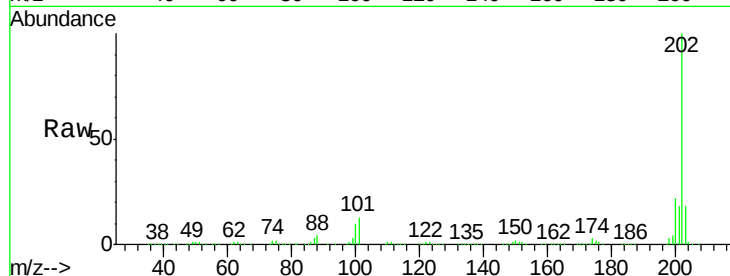




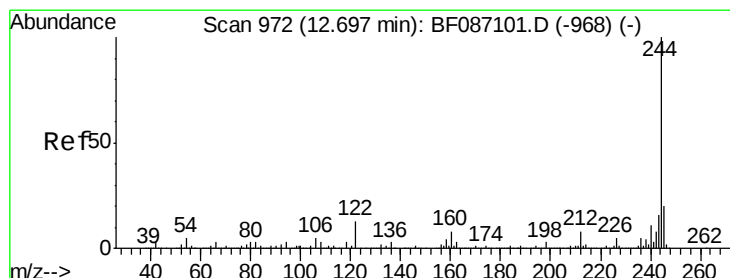
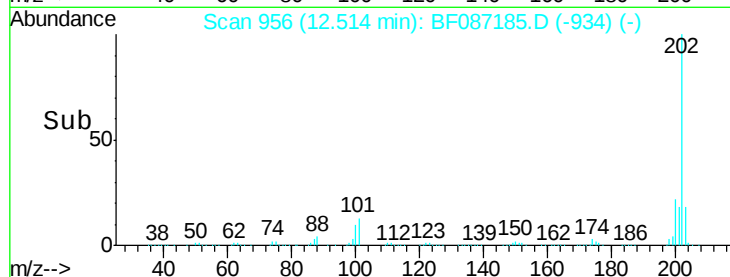
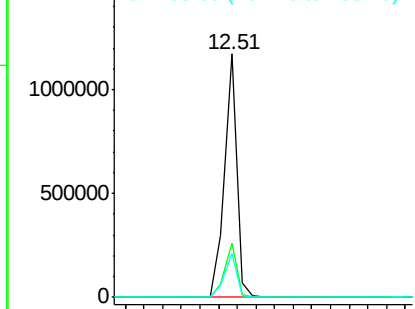
#77
Pvrene
Concen: 41.06 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.05 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1067231
Ion Ratio Lower Upper
202 100
200 22.3 17.7 26.5
203 17.9 14.2 21.4

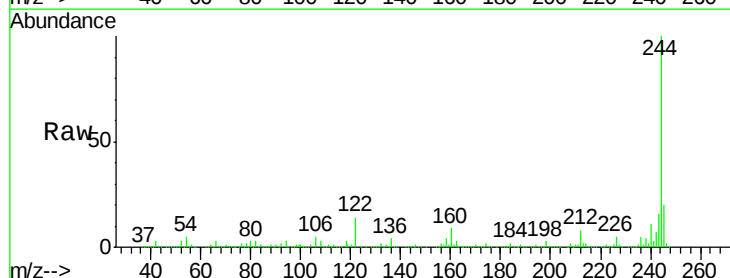


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

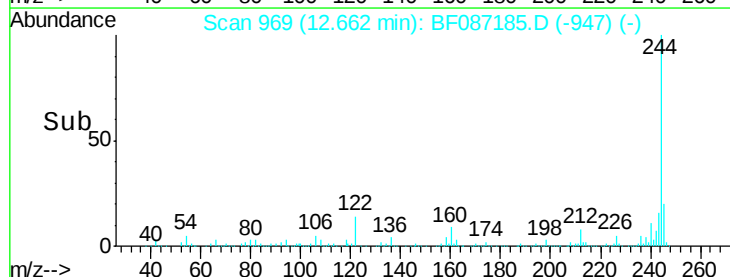
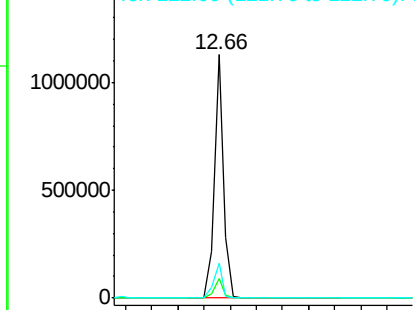


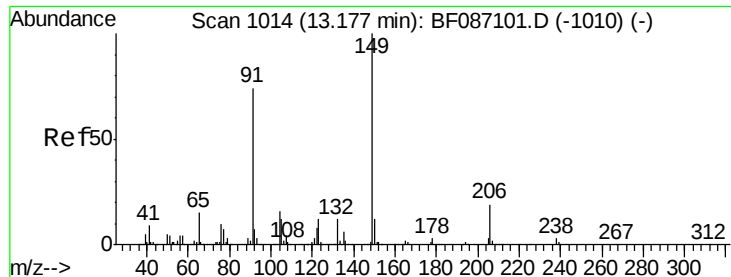
#78
Terphenyl-d14
Concen: 71.29 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.05 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

Tgt Ion:244 Resp: 1133937
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 14.2 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.95 ng

RT: 13.14 min Scan# 1011

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Instrument :

BNA_F

ClientSampleId :

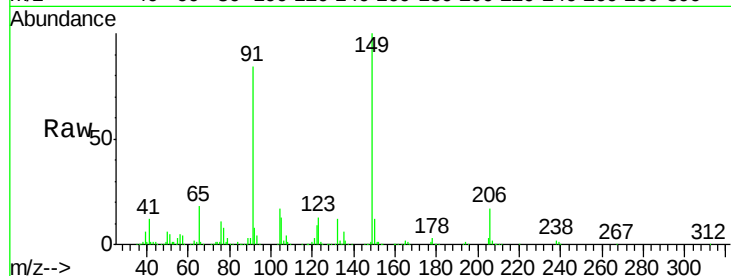
Tot Ion:149 Resp: 438336

Ion Ratio Lower Upper

149 100

91 83.7 48.0 72.0#

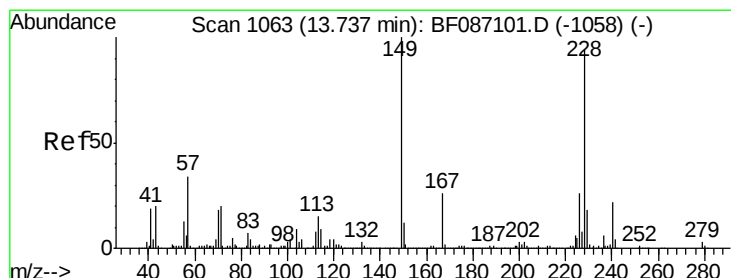
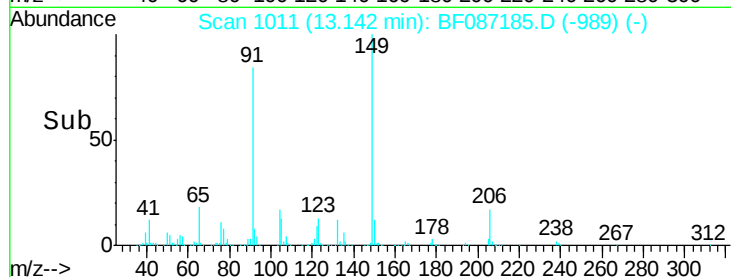
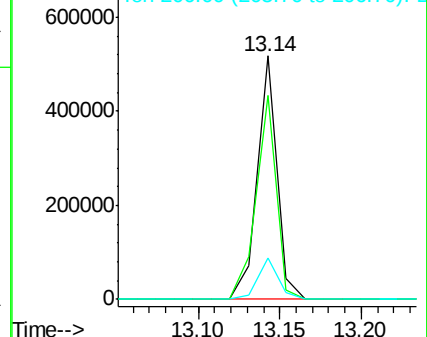
206 16.8 15.8 23.6



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: 37.18 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

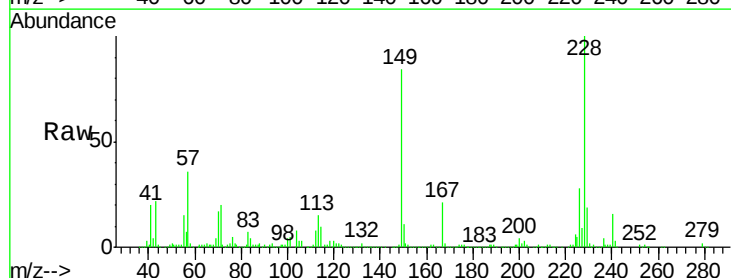
Tgt Ion:228 Resp: 773421

Ion Ratio Lower Upper

228 100

226 27.7 22.5 33.7

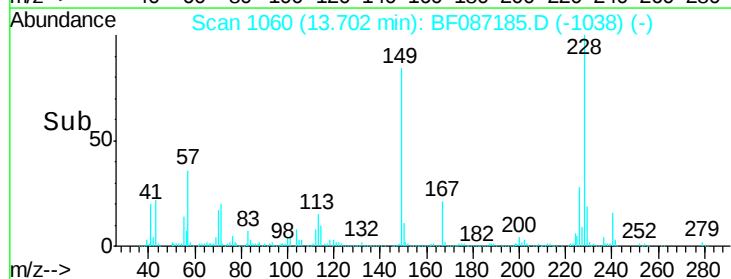
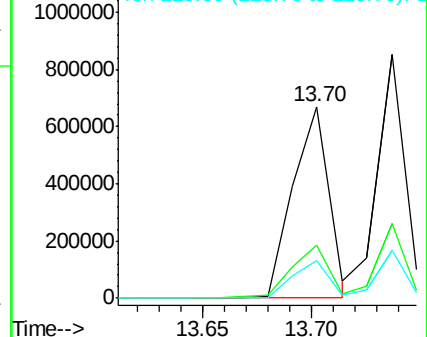
229 19.5 16.6 25.0

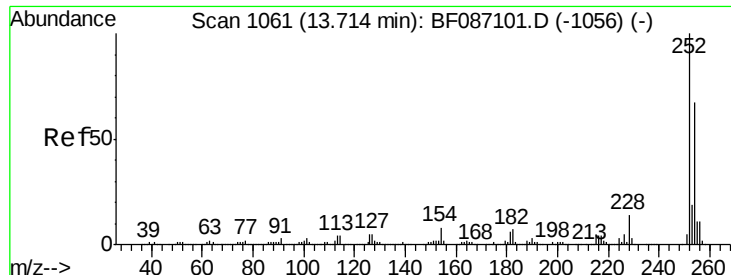


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

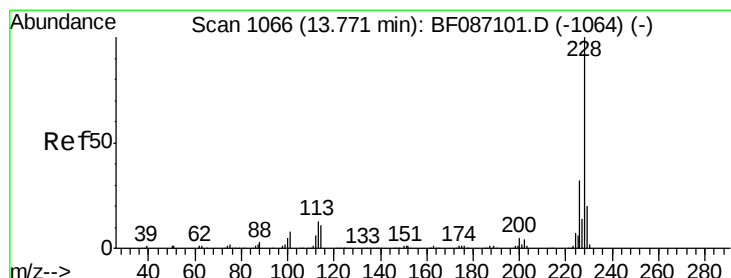
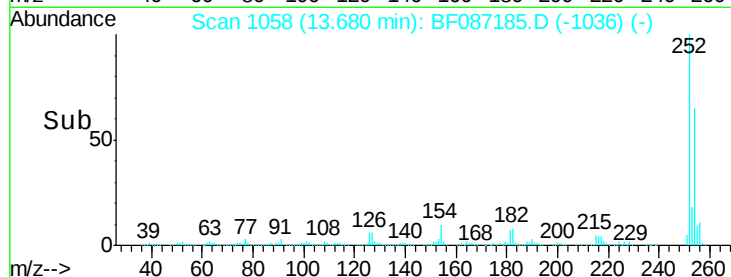
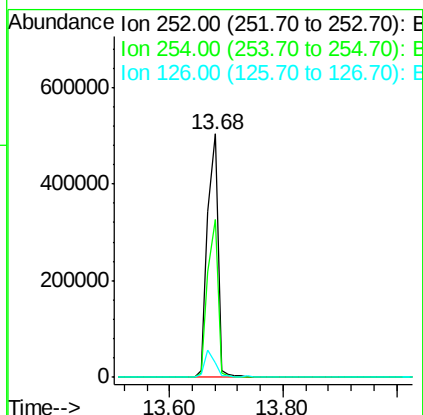
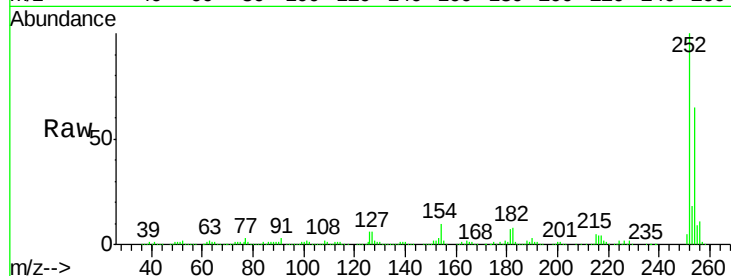




#81
 3,3'-Dichlorobenzidine
 Concen: 46.44 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.05 min
 Lab File: BF087185.D
 Acq: 19 May 2016 13:33

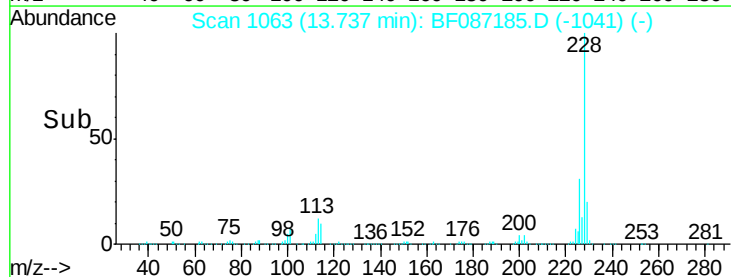
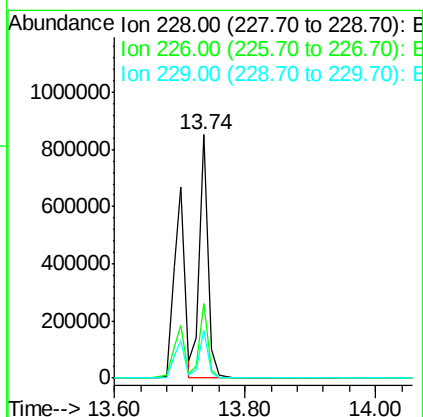
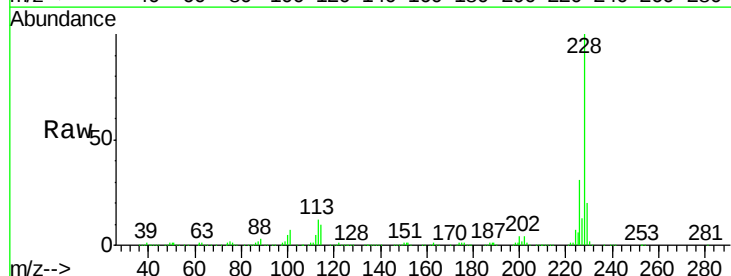
Instrument :
 BNA_F
 ClientSampleId :

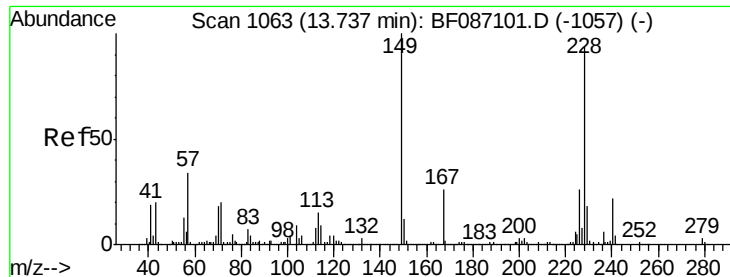
Tot Ion:252 Resp: 614763
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.7 76.1
 126 6.2 12.7 19.1#



#82
 Chrysene
 Concen: 38.29 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.05 min
 Lab File: BF087185.D
 Acq: 19 May 2016 13:33

Tgt Ion:228 Resp: 770784
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.4 36.6
 229 19.7 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.38 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Instrument :

BNA_F

ClientSampleId :

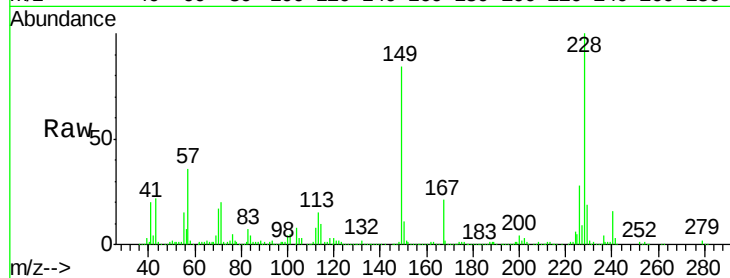
Tot Ion:149 Resp: 512587

Ion Ratio Lower Upper

149 100

167 24.8 21.8 32.6

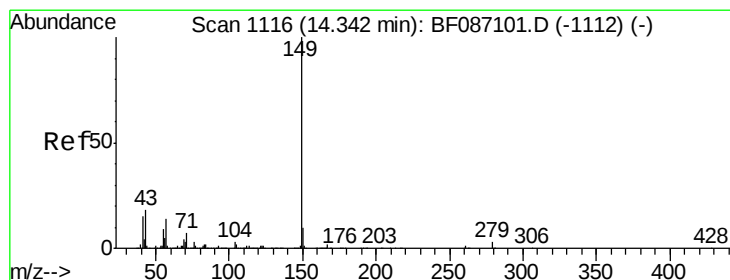
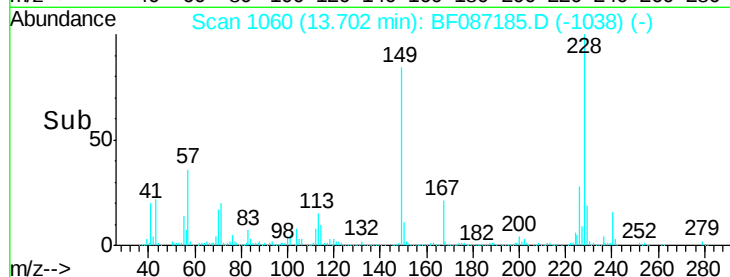
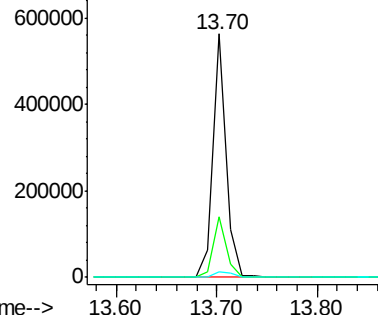
279 2.4 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.33 ng

RT: 14.31 min Scan# 1113

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

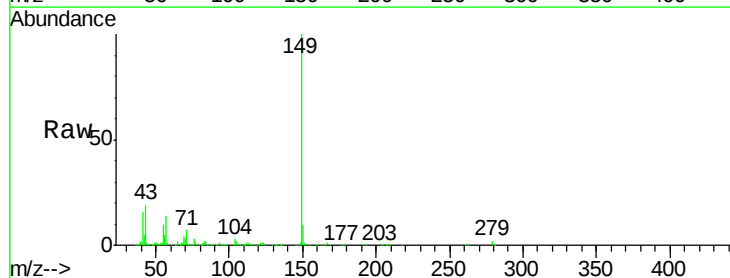
Tgt Ion:149 Resp: 789887

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

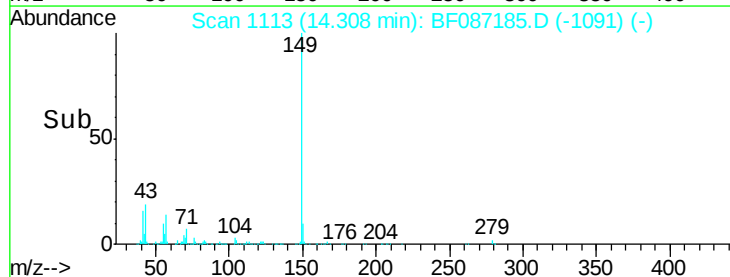
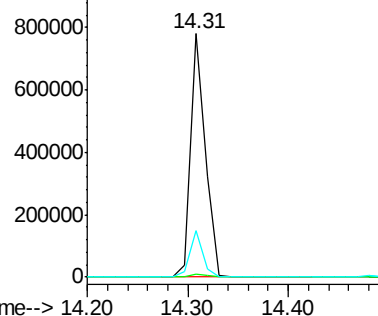
43 17.0 8.2 12.4#

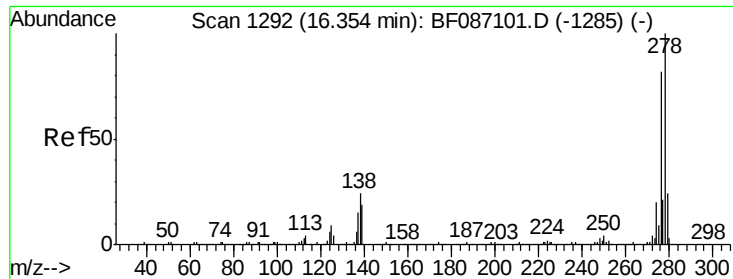


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

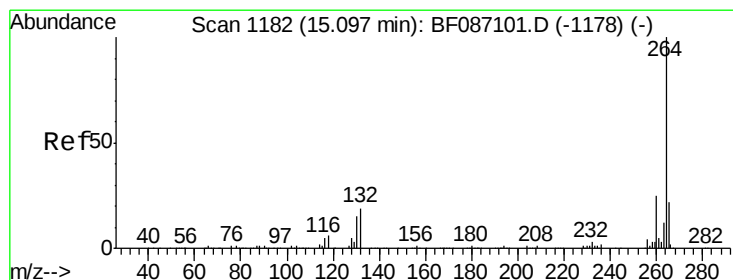
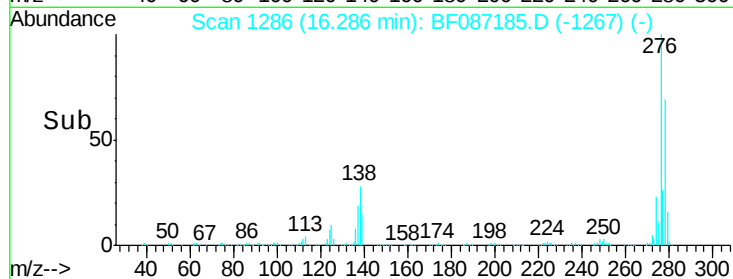
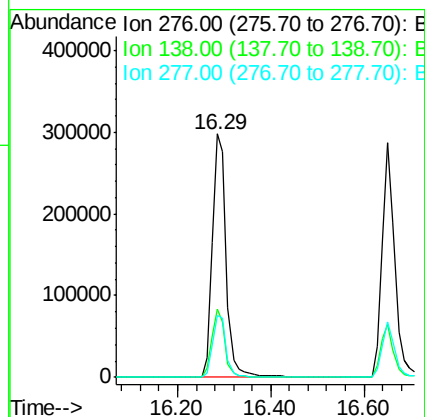
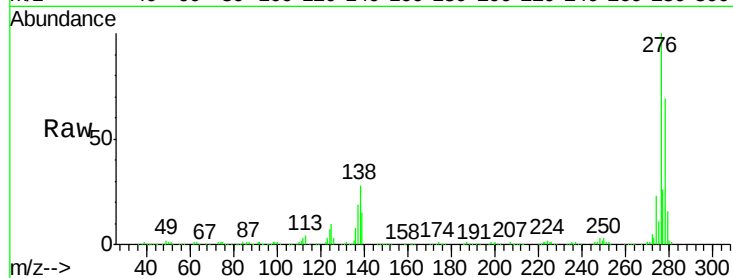




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.40 ng
RT: 16.29 min Scan# 1286
Delta R.T. -0.08 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

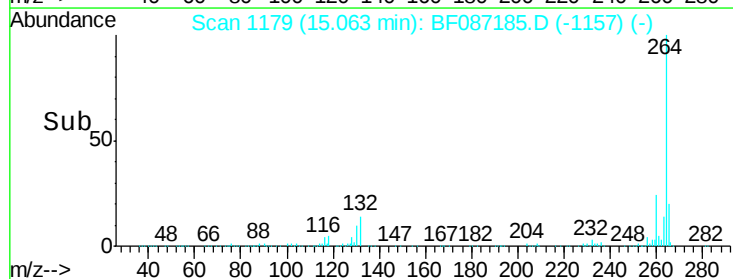
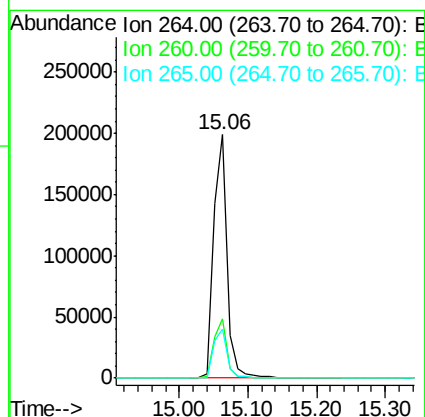
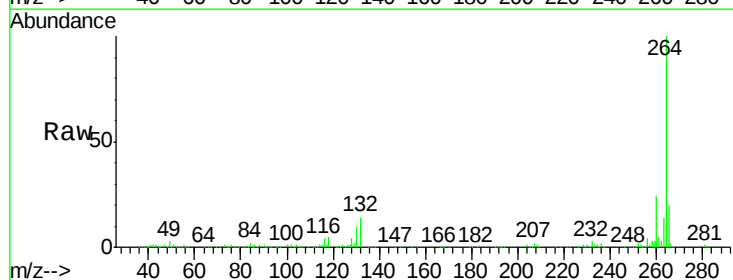
Instrument :
BNA_F
ClientSampleId :

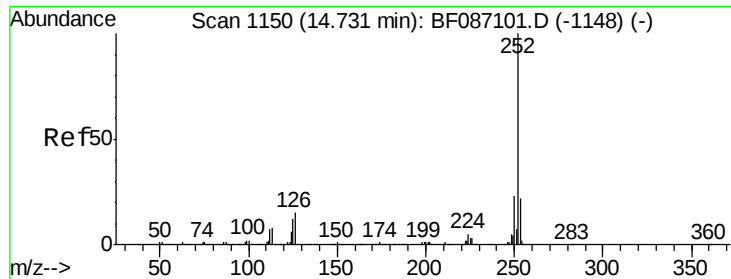
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	25.6	38.4
277	25.3	20.5	30.7



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	20.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 67.89 ng

RT: 14.70 min Scan# 1147

Delta R.T. -0.05 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

Instrument :

BNA_F

ClientSampleId :

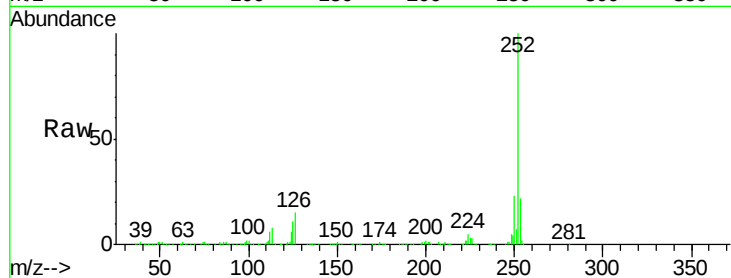
Tot Ion:252 Resp: 1228869

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

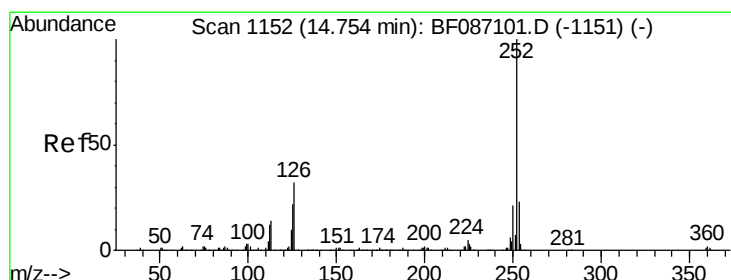
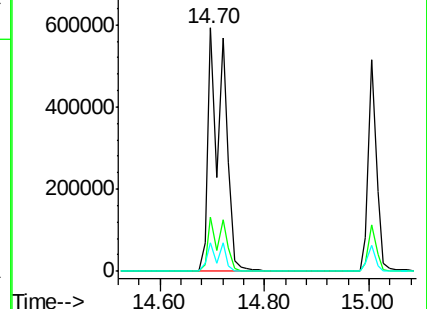
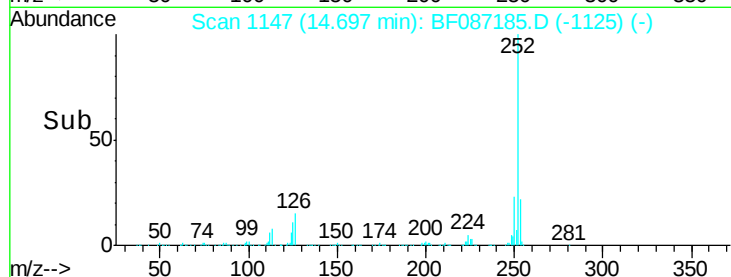
125 11.5 11.4 17.0



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: 91.24 ng

RT: 14.70 min Scan# 1147

Delta R.T. -0.08 min

Lab File: BF087185.D

Acq: 19 May 2016 13:33

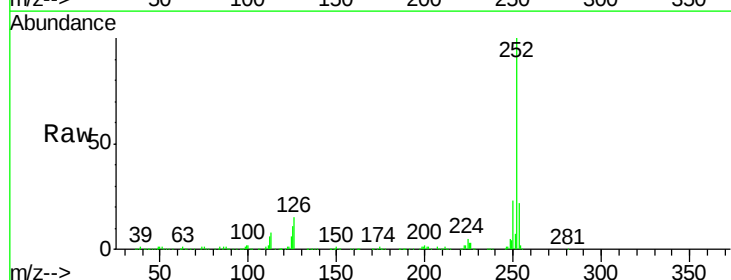
Tgt Ion:252 Resp: 1229567

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

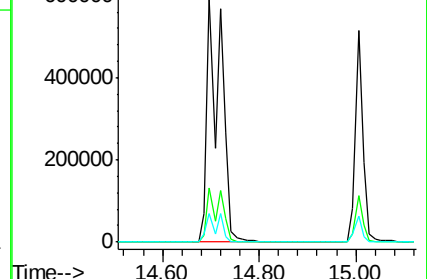
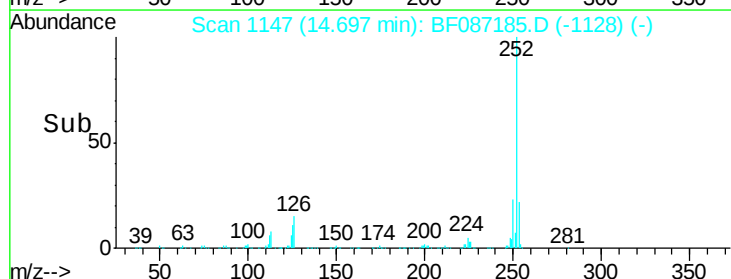
125 11.5 9.1 13.7

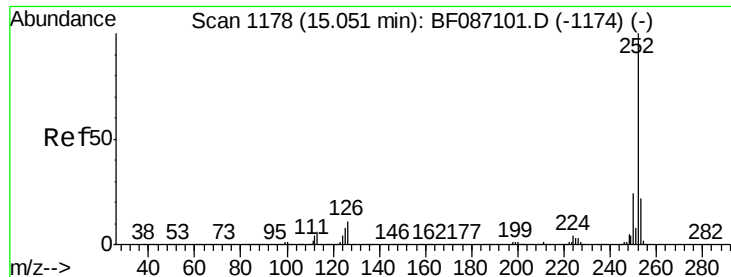


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

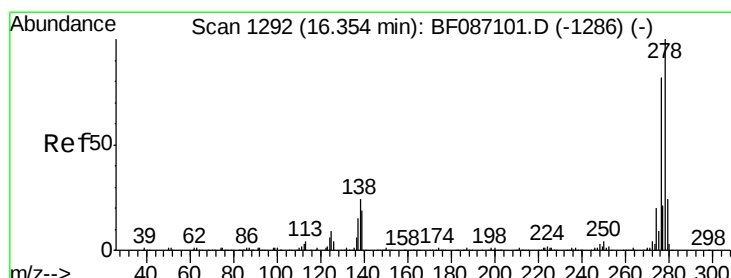
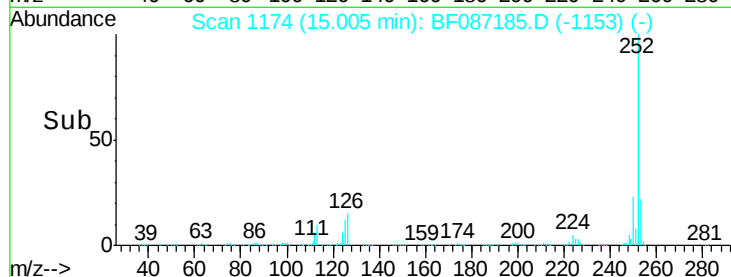
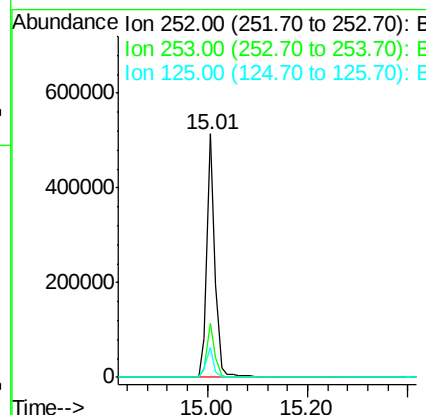
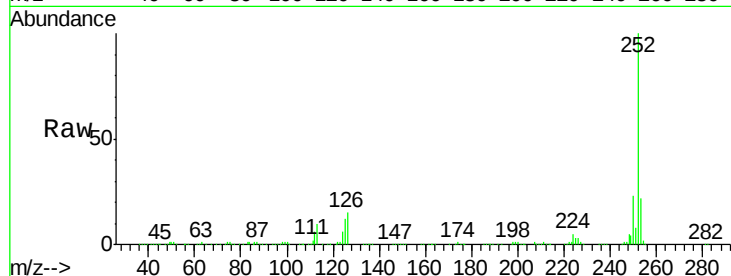




#89
Benzo(a)pyrene
Concen: 38.04 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.06 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

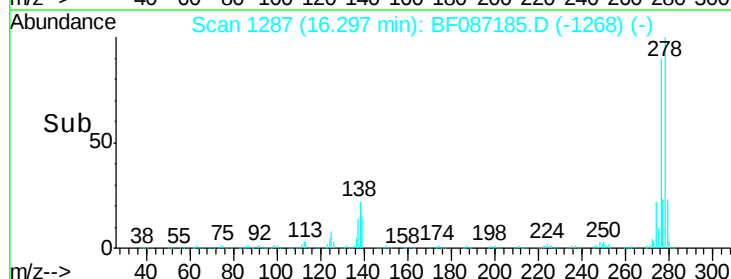
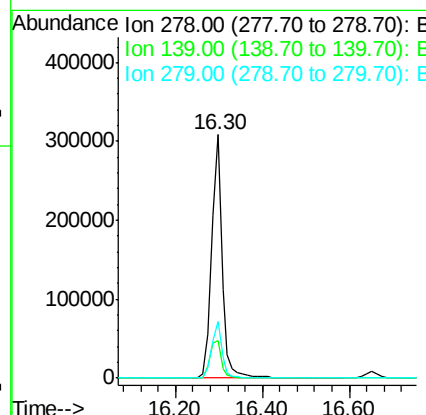
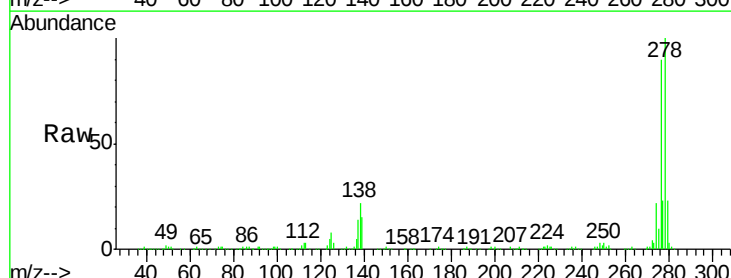
Instrument :
BNA_F
ClientSampleId :

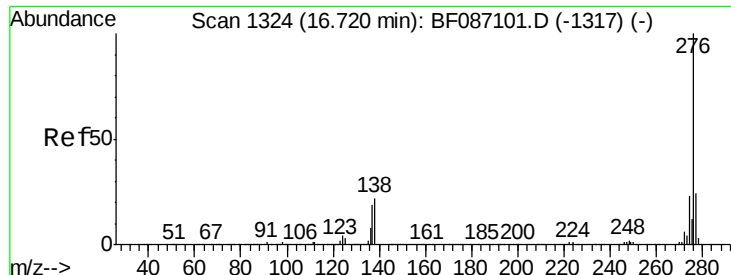
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	12.1	9.0	13.6



#90
Dibenzo(a,h)anthracene
Concen: 40.90 ng
RT: 16.30 min Scan# 1287
Delta R.T. -0.08 min
Lab File: BF087185.D
Acq: 19 May 2016 13:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	16.6	24.8#
279	23.5	19.6	29.4

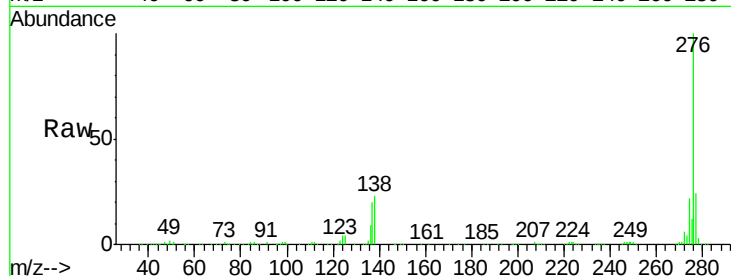




#91
 Benzo(a,h,i)perylene
 Concen: 42.22 ng
 RT: 16.65 min Scan# 1318
 Delta R.T. -0.09 min
 Lab File: BF087185.D
 Acq: 19 May 2016 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	22.6	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

