

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051916\
 Data File : BF087224.D
 Acq On : 20 May 2016 10:57
 Operator : UM/SJ
 Sample : PB90743BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 14:39:17 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	130076	20.00	ng	-0.03
21) Naphthalene-d8	7.86	136	531873	20.00	ng	-0.03
38) Acenaphthene-d10	9.60	164	231665	20.00	ng	-0.05
63) Phenanthrene-d10	11.08	188	391649	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	228086	20.00	ng	-0.06
86) Perylene-d12	15.06	264	248761	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.16	112	896966	115.91	ng	-0.03
7) Phenol-d6	6.25	99	1236425	119.13	ng	-0.03
23) Nitrobenzene-d5	7.15	82	855422	80.16	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	298634	116.65	ng	-0.05
44) 2-Fluorobiphenyl	8.94	172	1193030	85.29	ng	-0.05
78) Terphenyl-d14	12.66	244	953005	94.52	ng	-0.05

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.09	88	126542	31.79	ng	# 67
3) Pyridine	2.72	79	326035	33.86	ng	# 67
4) n-Nitrosodimethylamine	2.67	42	267645	39.22	ng	# 48
6) Aniline	6.24	93	278821	21.15	ng	# 86
8) 2-Chlorophenol	6.36	128	353153	37.51	ng	98
9) Benzaldehyde	6.11	77	92850	13.75	ng	91
10) Phenol	6.26	94	478798	36.70	ng	90
11) bis(2-Chloroethyl)ether	6.32	93	376169	38.40	ng	92
12) 1,3-Dichlorobenzene	6.74	146	327700	32.74	ng	99
13) 1,4-Dichlorobenzene	6.74	146	330287	32.25	ng	98
14) 1,2-Dichlorobenzene	6.74	146	332710	37.11	ng	97
15) Benzyl Alcohol	6.74	79	347409	44.96	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.86	45	706797	35.09	ng	87
17) 2-Methylphenol	6.87	107	293504	37.96	ng	# 81
18) Hexachloroethane	7.07	117	143975	36.78	ng	95
19) n-Nitroso-di-n-propylamine	7.00	70	300276	38.06	ng	# 69
20) 3+4-Methylphenols	7.03	107	401648	39.38	ng	# 59
22) Acetophenone	6.99	105	514222	39.51	ng	# 98
24) Nitrobenzene	7.16	77	422880	36.29	ng	96
25) Isophorone	7.40	82	745602	38.17	ng	98
26) 2-Nitrophenol	7.48	139	193855	40.16	ng	# 84
27) 2,4-Dimethylphenol	7.54	122	318825	38.70	ng	# 85
28) bis(2-Chloroethoxy)methane	7.62	93	426097	39.73	ng	# 98
29) 2,4-Dichlorophenol	7.74	162	310835	42.82	ng	98
30) 1,2,4-Trichlorobenzene	7.80	180	324158	40.24	ng	98
31) Naphthalene	7.87	128	1000190	38.49	ng	99
32) Benzoic acid	7.71	122	173701	35.38	ng	# 78
33) 4-Chloroaniline	7.95	127	151434	14.02	ng	96
34) Hexachlorobutadiene	8.00	225	188943	41.33	ng	99
35) Caprolactam	8.33	113	61159	25.30	ng	# 55
36) 4-Chloro-3-methylphenol	8.46	107	343295	39.21	ng	90
37) 2-Methylnaphthalene	8.57	142	682890	41.08	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	281658	41.63	ng	99
40) Hexachlorocyclopentadiene	8.72	237	84589	37.05	ng	93

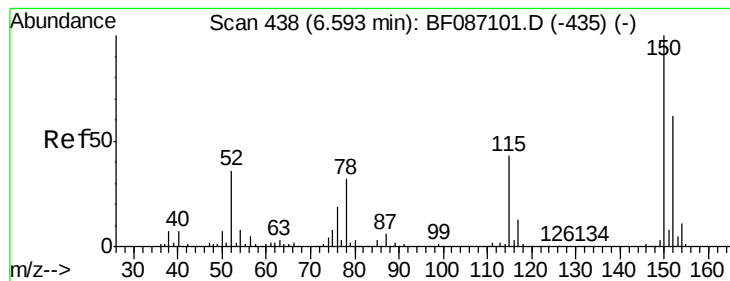
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051916\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	184266	41.99	nq	91
43) 2,4,5-Trichlorophenol	8.91	196	192655	42.26	nq #	90
45) 1,1'-Biphenyl	9.04	154	837254	43.59	nq	99
46) 2-Chloronaphthalene	9.06	162	601219	40.77	nq	97
47) 2-Nitroaniline	9.18	65	235300	41.64	nq	98
48) Acenaphthylene	9.46	152	867570	38.53	nq	99
49) Dimethylphthalate	9.35	163	731354	41.38	nq	100
50) 2,6-Dinitrotoluene	9.42	165	171601	44.72	nq	98
51) Acenaphthene	9.63	154	533272	37.91	nq	99
52) 3-Nitroaniline	9.59	138	103600	24.94	nq	97
53) 2,4-Dinitrophenol	9.70	184	101776	48.29	nq #	81
54) Dibenzofuran	9.82	168	811852	44.63	nq	98
55) 4-Nitrophenol	9.80	139	520822	122.98	nq #	26
56) 2,4-Dinitrotoluene	9.82	165	189798	38.62	nq #	57
57) Fluorene	10.15	166	574353	39.30	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	149389	42.08	nq	96
59) Diethylphthalate	10.04	149	744372	44.12	nq	98
60) 4-Chlorophenyl-phenylether	10.15	204	296334	42.77	nq	94
61) 4-Nitroaniline	10.20	138	137137	33.44	nq #	82
62) Azobenzene	10.31	77	877879	45.16	nq	88
64) 4,6-Dinitro-2-methylphenol	10.23	198	75699	29.35	nq #	33
65) n-Nitrosodiphenylamine	10.27	169	572626	46.46	nq	99
66) 4-Bromophenyl-phenylether	10.63	248	171509	42.58	nq #	85
67) Hexachlorobenzene	10.70	284	201987	43.26	nq #	86
68) Atrazine	10.81	200	199242	49.56	nq	94
69) Pentachlorophenol	10.90	266	141519	80.68	nq	98
70) Phenanthrene	11.11	178	911908	42.93	nq	100
71) Anthracene	11.15	178	845202	39.34	nq	100
72) Carbazole	11.32	167	787590	40.13	nq	99
73) Di-n-butylphthalate	11.66	149	1072157	47.56	nq #	99
74) Fluoranthene	12.28	202	753176	35.39	nq	96
76) Benzidine	12.42	184	318183	60.58	nq	96
77) Pyrene	12.51	202	756956	45.94	nq	99
79) Butylbenzylphthalate	13.14	149	366243	52.65	nq #	87
80) Benzo(a)anthracene	13.70	228	563426	42.72	nq	99
81) 3,3'-Dichlorobenzidine	13.67	252	174772	20.83	nq #	96
82) Chrysene	13.74	228	583235	45.71	nq	99
83) Bis(2-ethylhexyl)phthalate	13.70	149	458087	54.11	nq	97
84) Di-n-octyl phthalate	14.31	149	743969	51.01	nq #	85
85) Indeno(1,2,3-cd)pyrene	16.30	276	510662	45.60	nq	95
87) Benzo(b)fluoranthene	14.70	252	1142883	69.25	nq #	97
88) Benzo(k)fluoranthene	14.70	252	1142883	93.02	nq	100
89) Benzo(a)pyrene	15.01	252	540755	39.20	nq	97
90) Dibenzo(a,h)anthracene	16.30	278	438418	37.75	nq #	93
91) Benzo(g,h,i)perylene	16.65	276	421268	35.91	nq	94

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

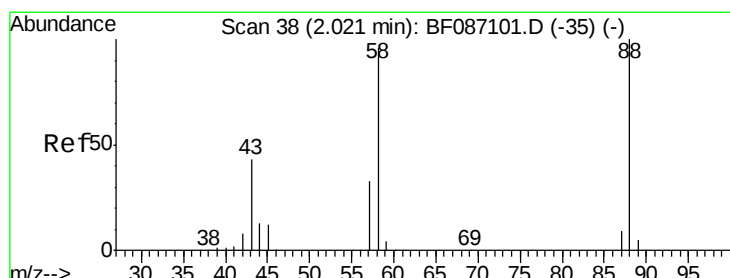
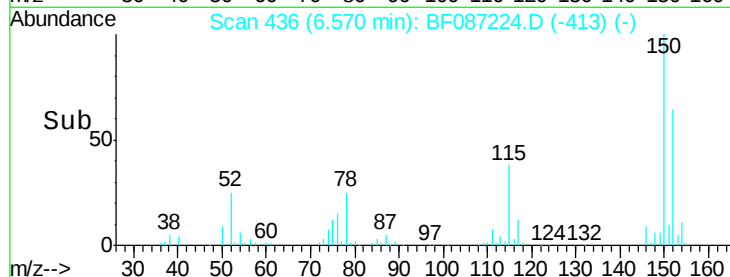
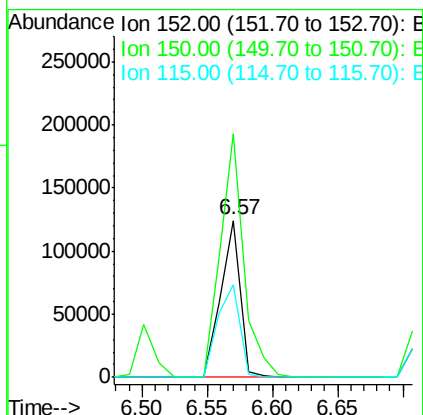
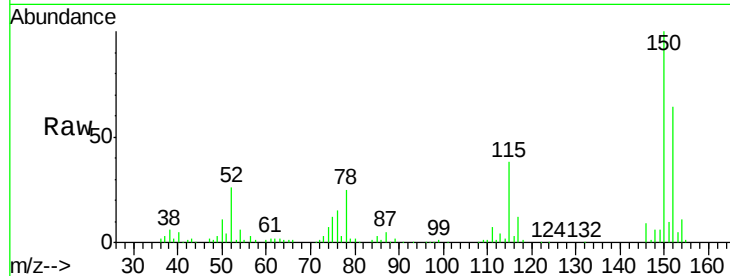


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Instrument :
BNA_F
ClientSampleId :

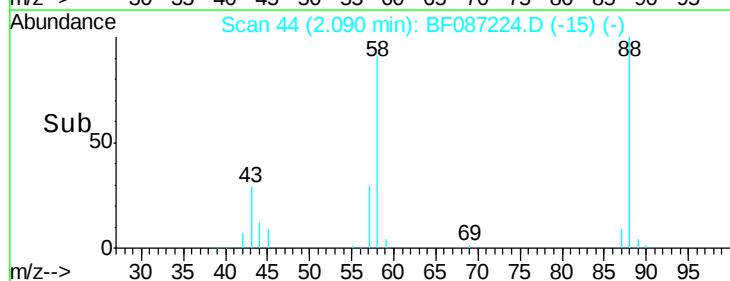
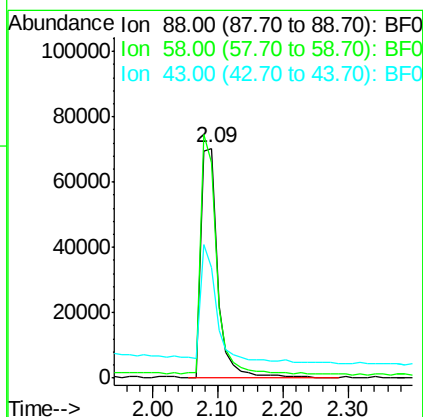
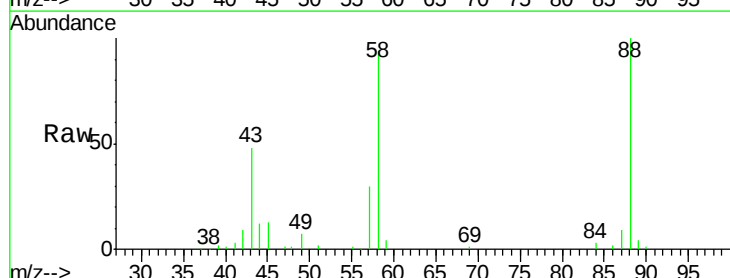
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Ion Ratio Lower Upper
152 100
150 155.5 125.8 188.6
115 59.3 51.5 77.3

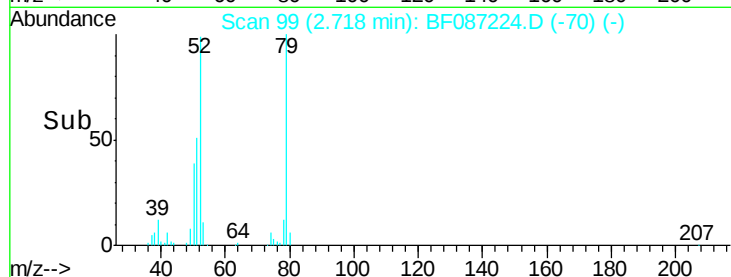
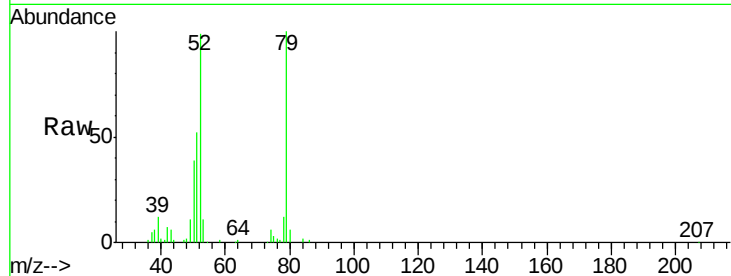
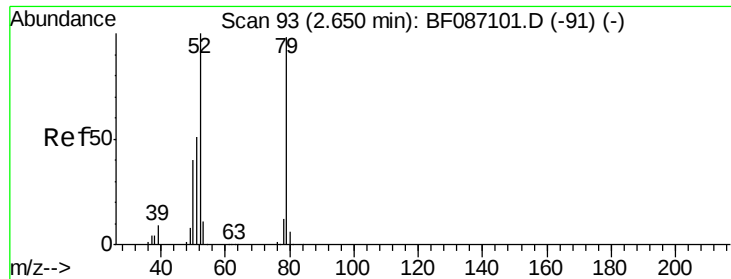


#2

1,4-Dioxane
Concen: 31.79 ng
RT: 2.09 min Scan# 44
Delta R.T. 0.03 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Tgt Ion: 88 Resp: 126542
Ion Ratio Lower Upper
88 100
58 97.1 59.6 89.4#
43 52.8 21.8 32.6#

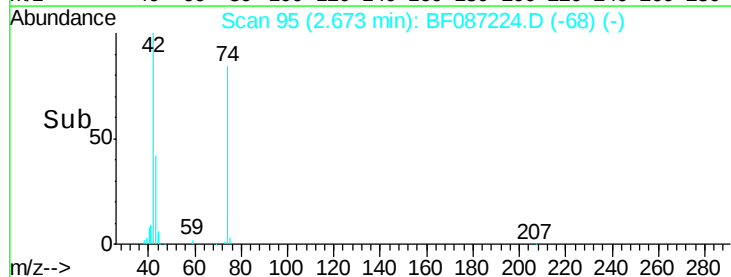
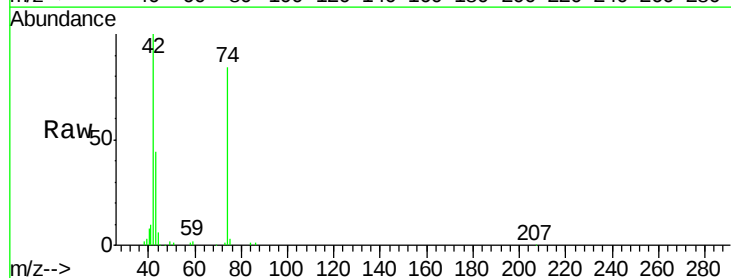
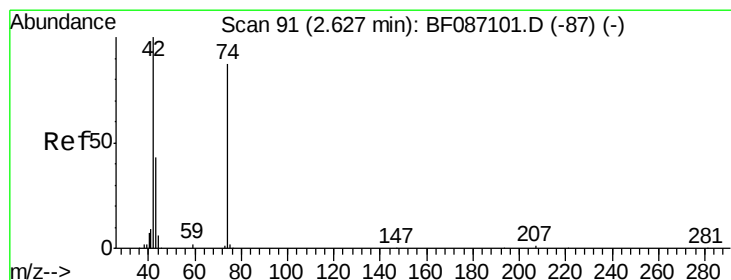
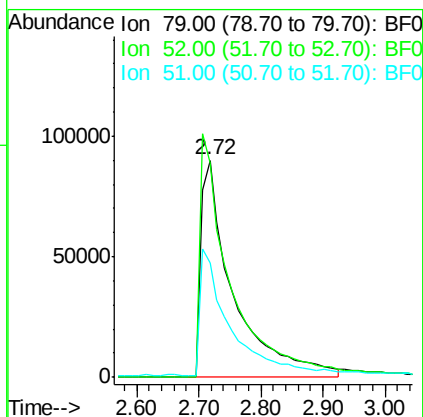




#3
 Pvridine
 Concen: 33.86 ng
 RT: 2.72 min Scan# 99
 Delta R.T. 0.03 min
 Lab File: BF087224.D
 Acq: 20 May 2016 10:57

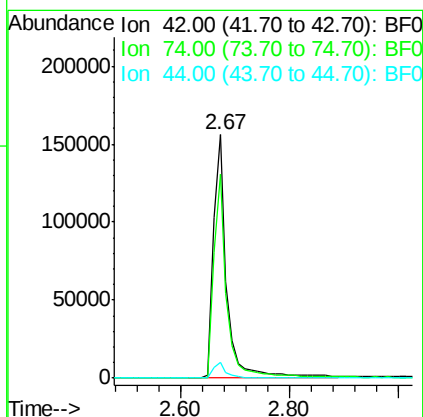
Instrument :
 BNA_F
 ClientSampleId :

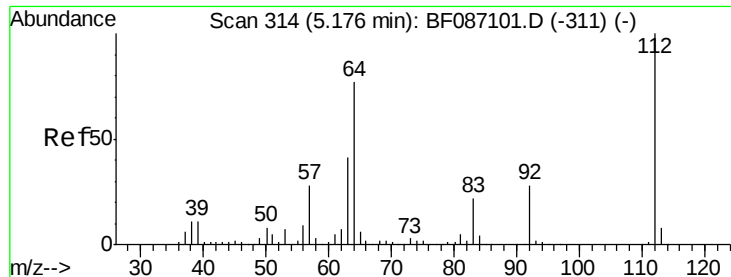
Tot Ion	Ratio	Lower	Upper
79	100		
52	98.8	55.9	83.9#
51	52.4	28.1	42.1#



#4
 n-Nitrosodimethylamine
 Concen: 39.22 ng
 RT: 2.67 min Scan# 95
 Delta R.T. 0.01 min
 Lab File: BF087224.D
 Acq: 20 May 2016 10:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	83.8	123.4	185.0#
44	6.3	5.8	8.6





#5

2-Fluorophenol

Concen: 115.91 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.03 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Instrument :

BNA_F

ClientSampled :

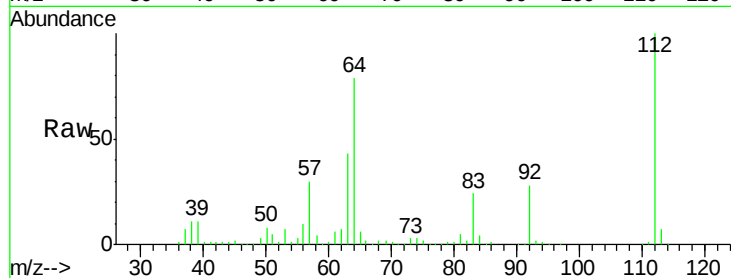
Tot Ion:112 Resp: 896966

Ion Ratio Lower Upper

112 100

64 79.1 52.1 78.1#

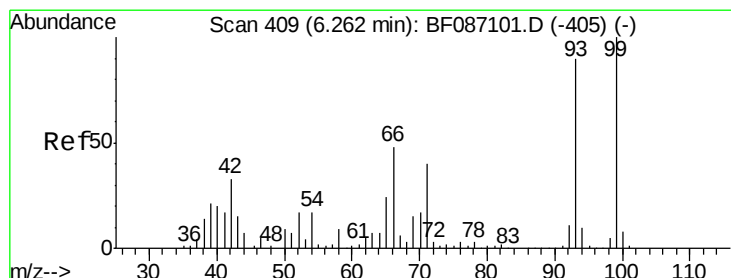
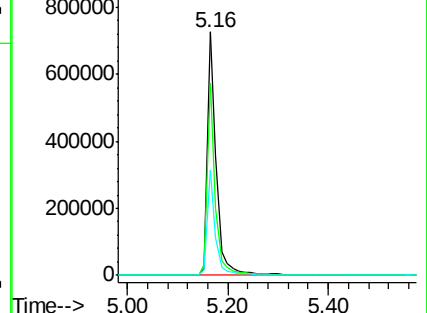
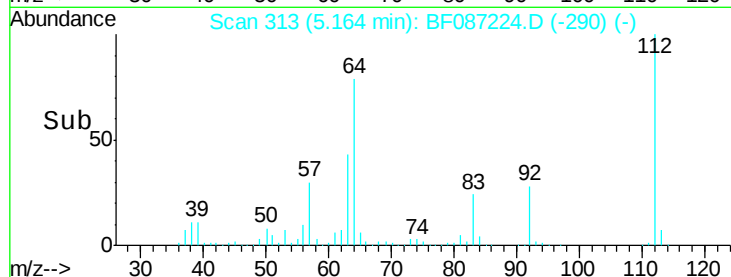
63 43.2 25.7 38.5#



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: 21.15 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

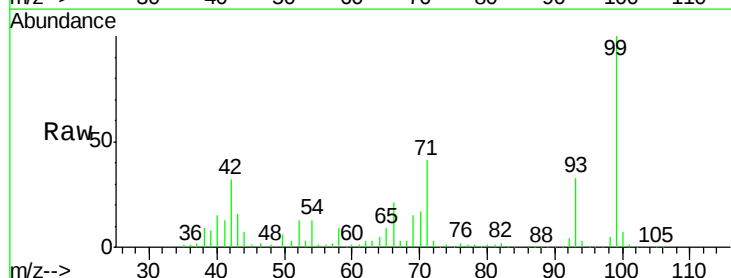
Tgt Ion: 93 Resp: 278821

Ion Ratio Lower Upper

93 100

66 62.8 39.0 58.6#

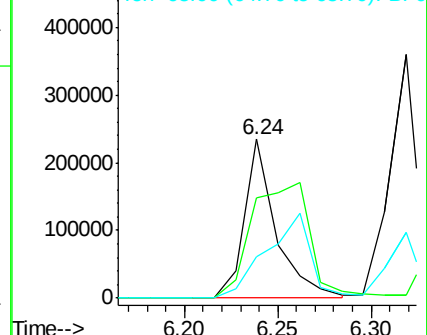
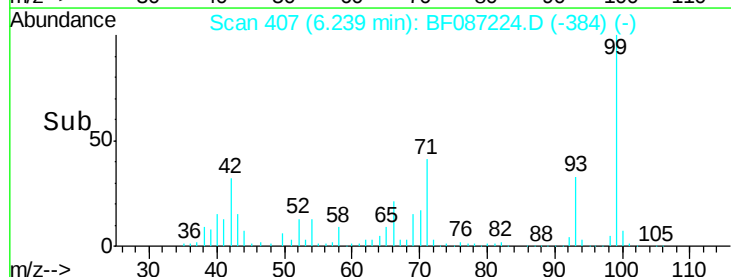
65 26.3 20.6 31.0

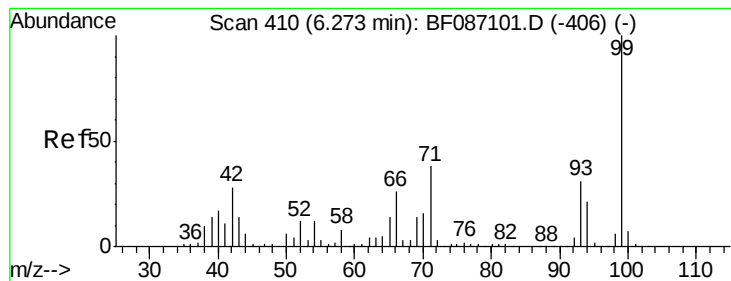


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.13 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Instrument :

BNA_F

ClientSampleId :

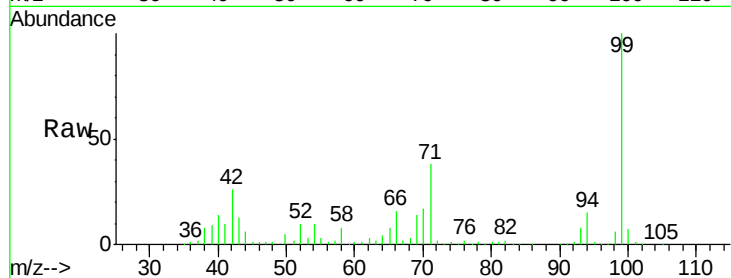
Tot Ion: 99 Resp: 1236425

Ion Ratio Lower Upper

99 100

42 26.4 13.6 20.4#

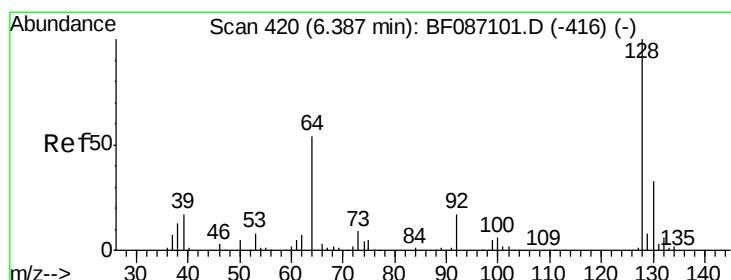
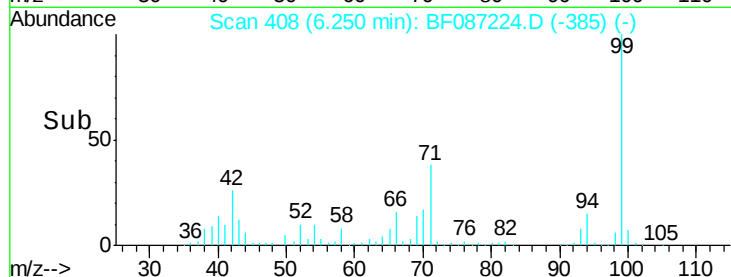
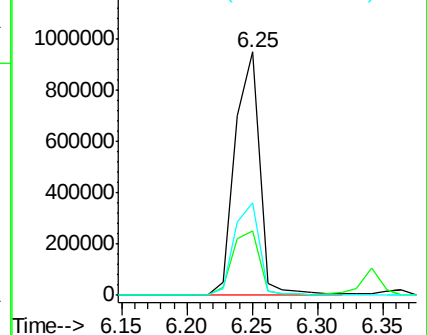
71 37.9 24.6 36.8#



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: 37.51 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

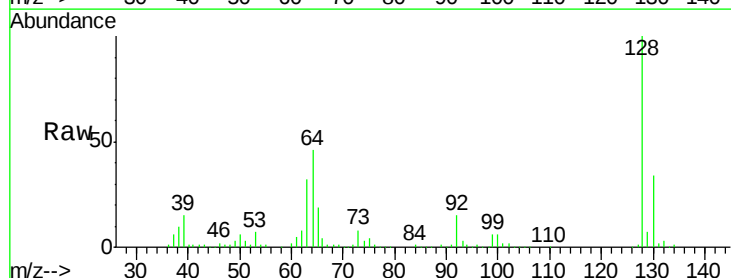
Tgt Ion:128 Resp: 353153

Ion Ratio Lower Upper

128 100

130 33.7 12.5 52.5

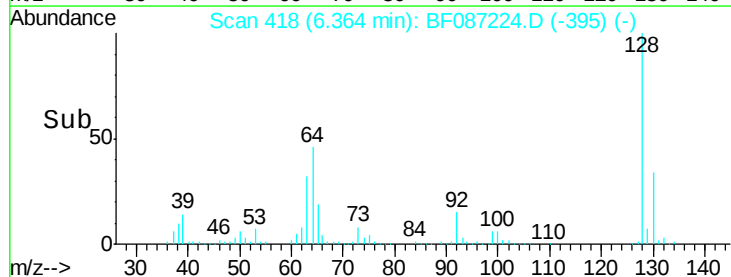
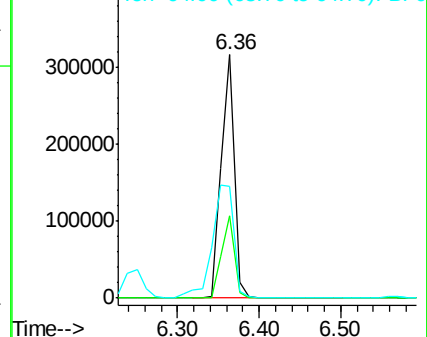
64 46.1 27.3 67.3

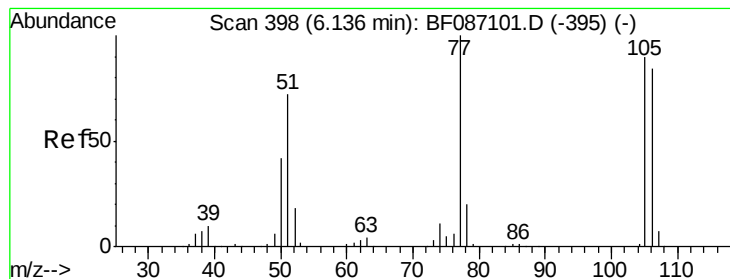


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.75 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.03 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Instrument :

BNA_F

ClientSampleId :

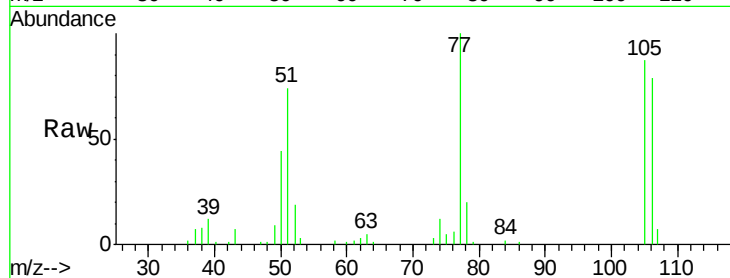
Tot Ion: 77 Resp: 92850

Ion Ratio Lower Upper

77 100

105 86.5 72.7 112.7

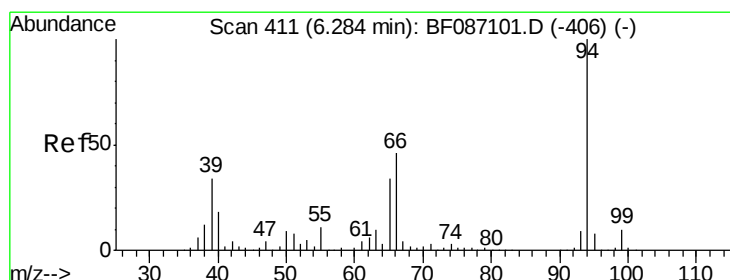
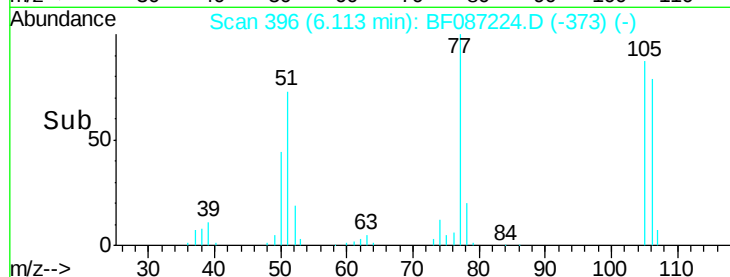
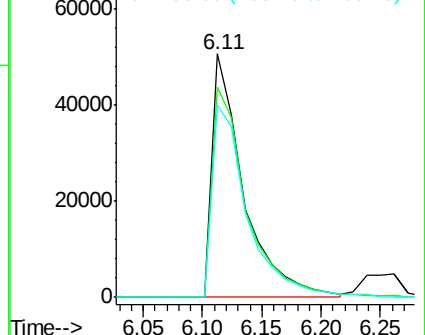
106 79.1 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.70 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.03 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

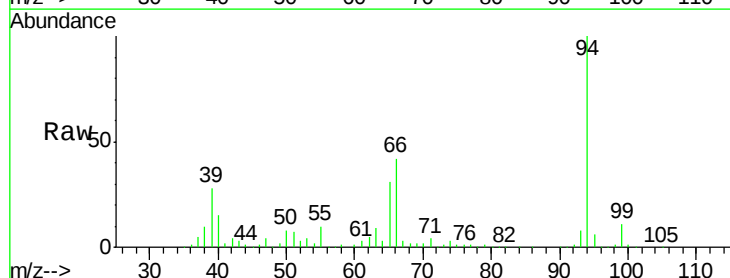
Tgt Ion: 94 Resp: 478798

Ion Ratio Lower Upper

94 100

65 30.8 7.2 47.2

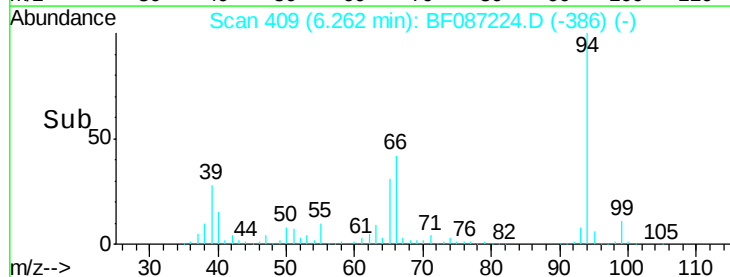
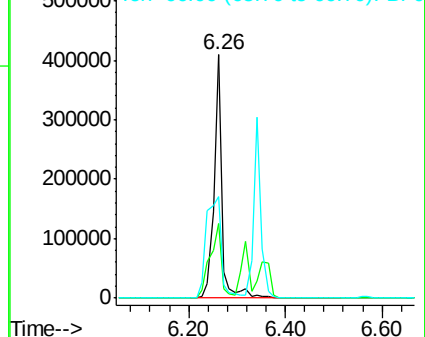
66 41.7 14.9 54.9

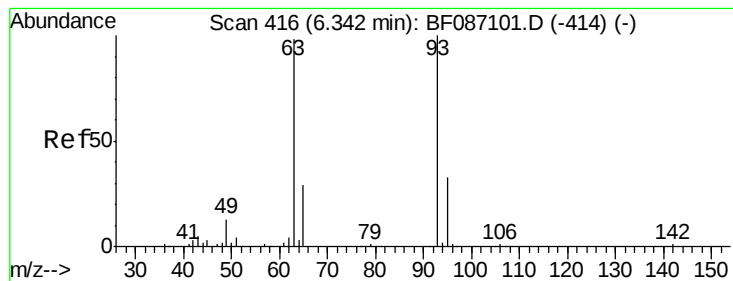


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

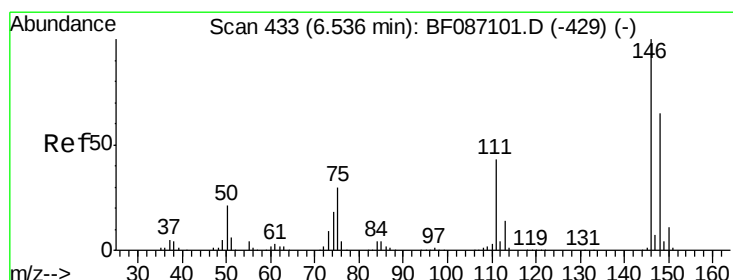
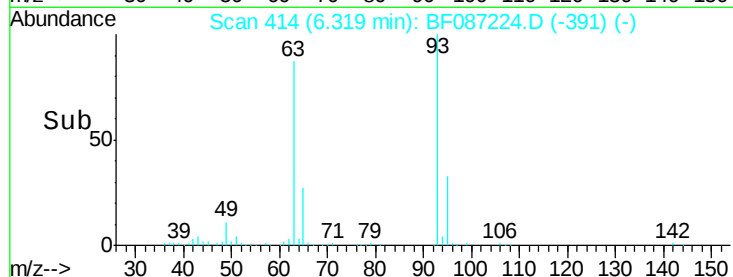
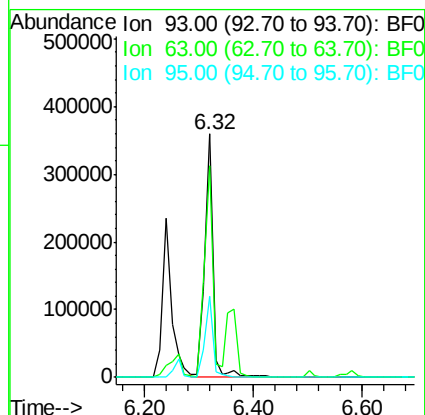
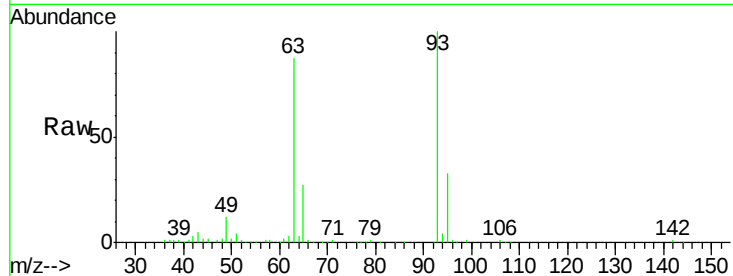




#11
bis(2-Chloroethyl)ether
Concen: 38.40 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.03 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

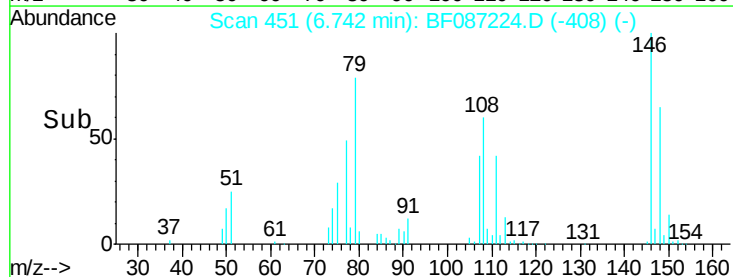
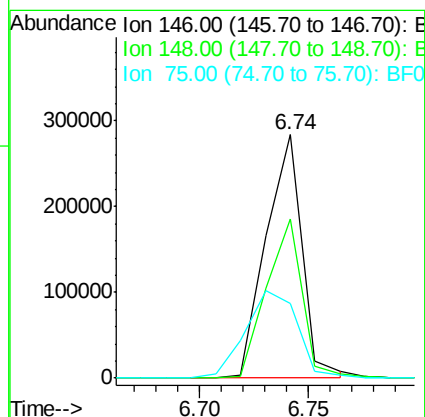
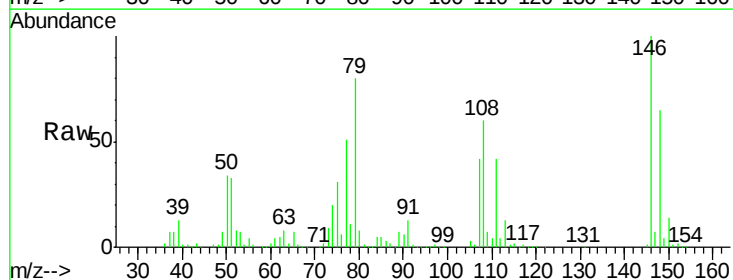
Instrument :
BNA_F
ClientSampleId :

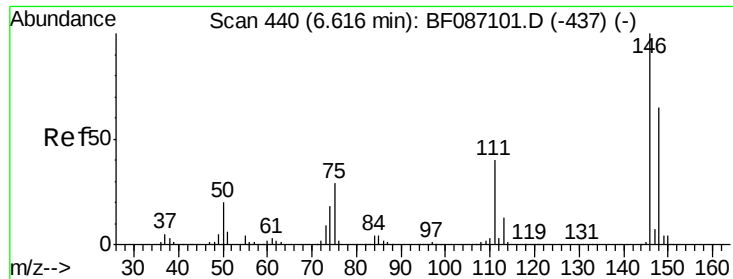
Tot Ion: 93 Resp: 376169
Ion Ratio Lower Upper
93 100
63 87.1 58.0 98.0
95 33.1 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 32.74 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.19 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Tgt Ion: 146 Resp: 327700
Ion Ratio Lower Upper
146 100
148 65.2 52.4 78.6
75 30.5 22.8 34.2

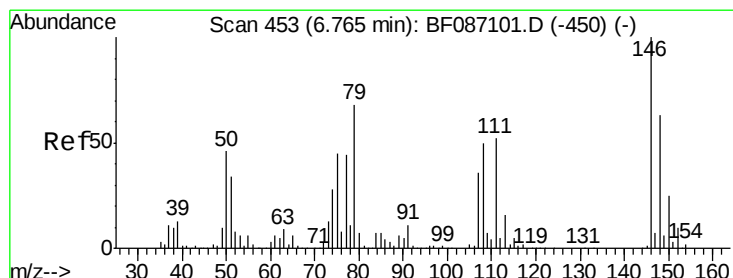
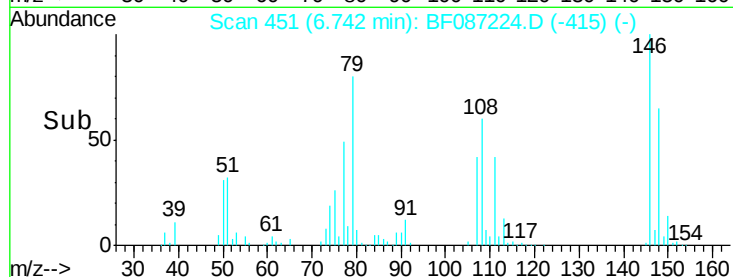
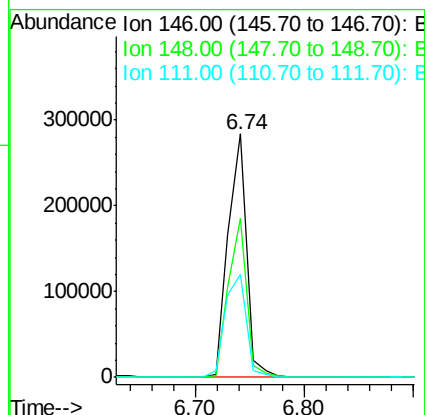
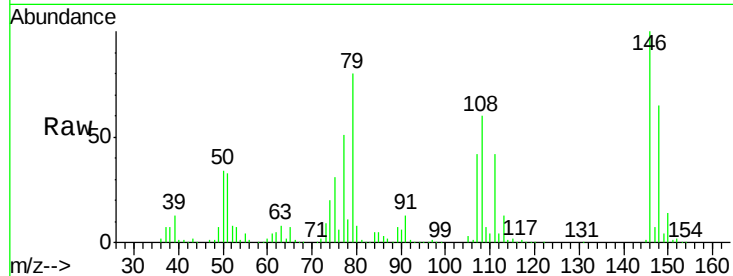




#13
 1,4-Dichlorobenzene
 Concen: 32.25 ng
 RT: 6.74 min Scan# 451
 Delta R.T. 0.11 min
 Lab File: BF087224.D
 Acq: 20 May 2016 10:57

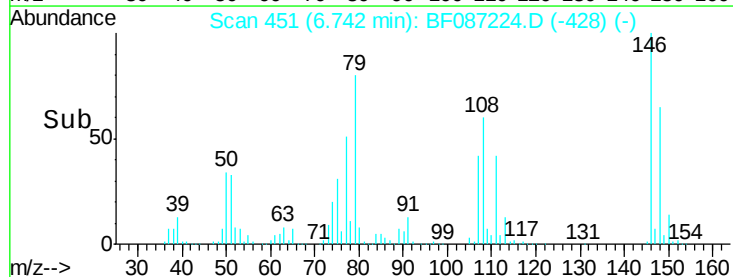
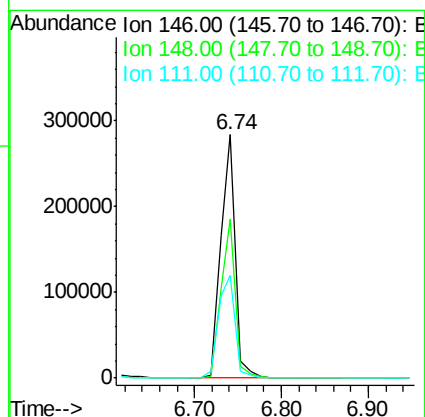
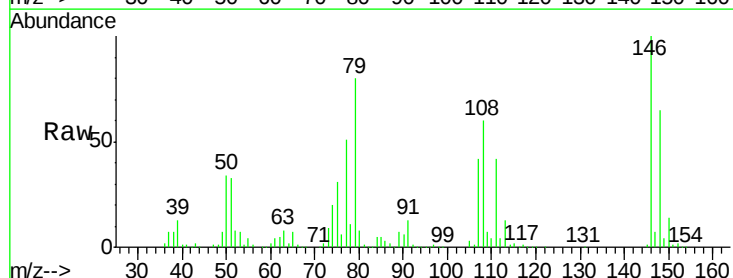
Instrument :
 BNA_F
 ClientSampleId :

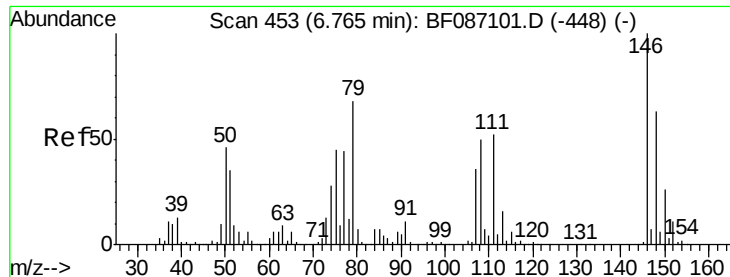
Tot Ion:146 Resp: 330287
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.2 78.4
 111 42.1 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 37.11 ng
 RT: 6.74 min Scan# 451
 Delta R.T. -0.03 min
 Lab File: BF087224.D
 Acq: 20 May 2016 10:57

Tgt Ion:146 Resp: 332710
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.0 76.6
 111 42.1 36.2 54.4





#15

Benzyl Alcohol

Concen: 44.96 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Instrument :

BNA_F

ClientSampled :

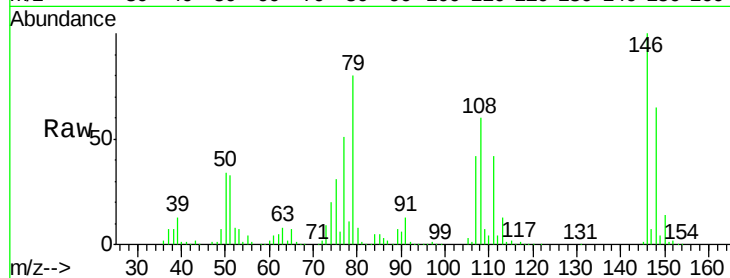
Tot Ion: 79 Resp: 347409

Ion Ratio Lower Upper

79 100

108 75.4 68.4 102.6

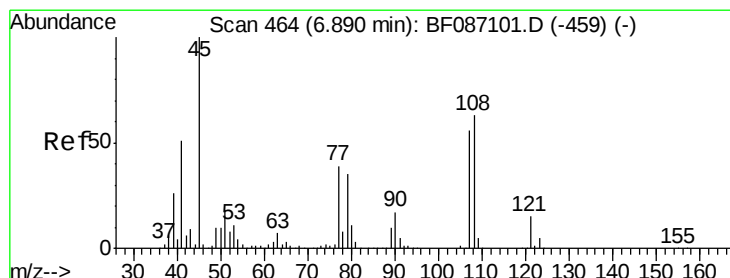
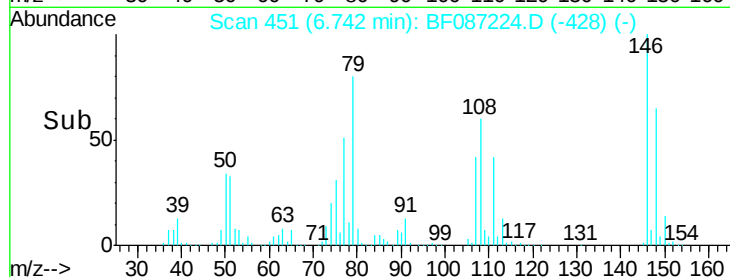
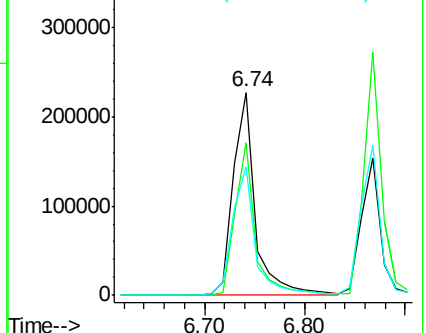
77 63.4 50.6 76.0



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: 35.09 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.05 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

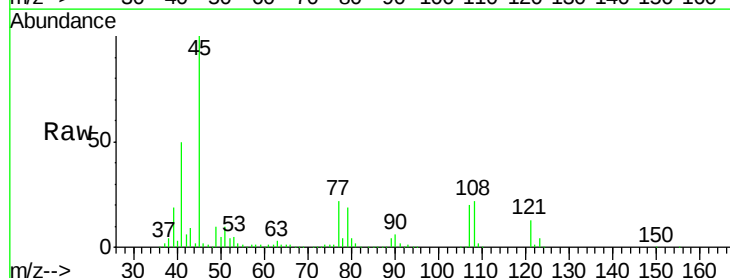
Tgt Ion: 45 Resp: 706797

Ion Ratio Lower Upper

45 100

77 21.7 0.0 36.4

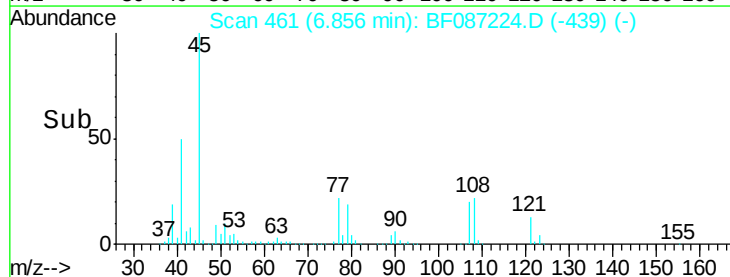
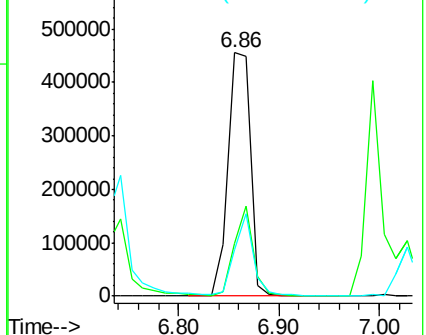
79 18.9 0.0 33.4

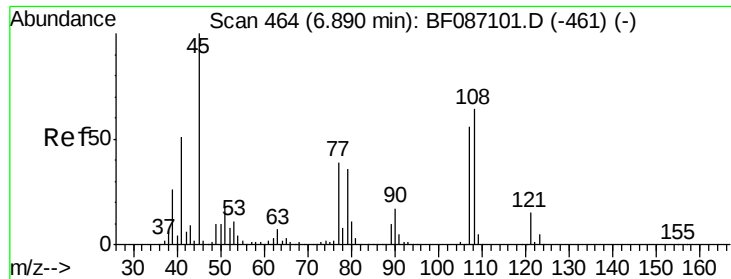


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

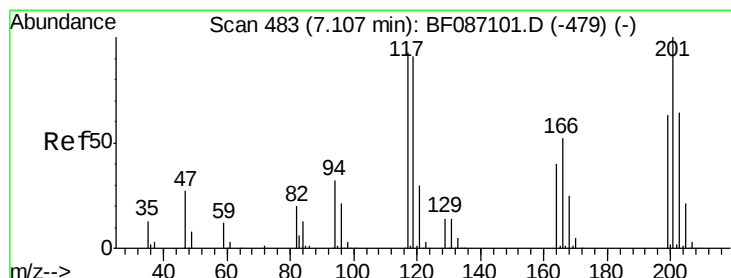
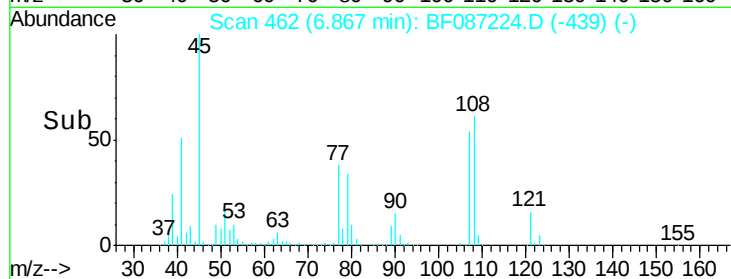
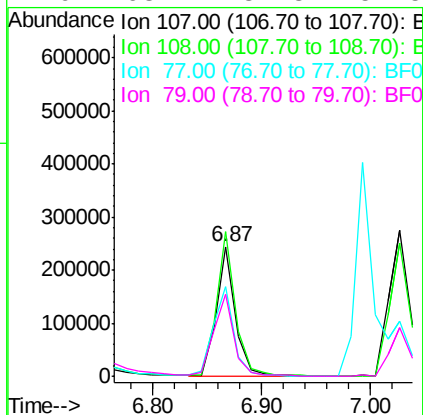
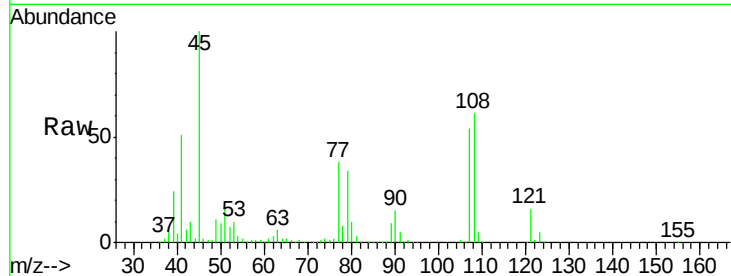




#17
2-Methylphenol
Concen: 37.96 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

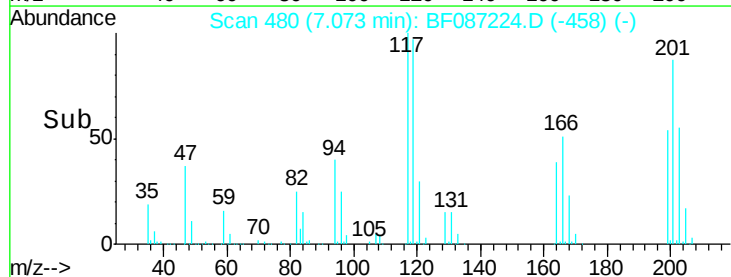
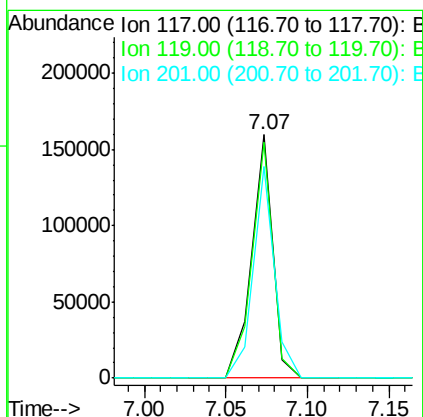
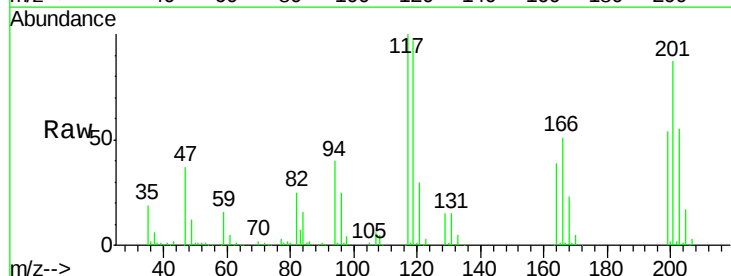
Instrument :
BNA_F
ClientSampleId :

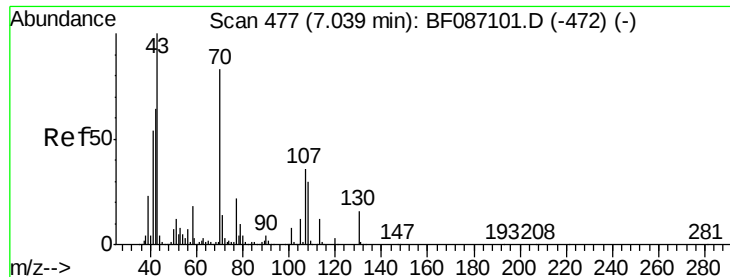
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	93.7	140.5
77	69.1	33.4	50.0#
79	63.2	34.3	51.5#



#18
Hexachloroethane
Concen: 36.78 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.5	114.7
201	86.9	63.0	94.6

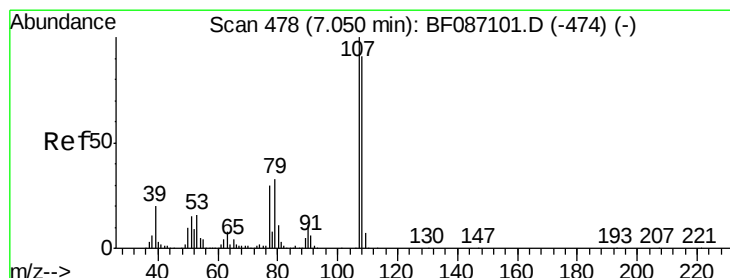
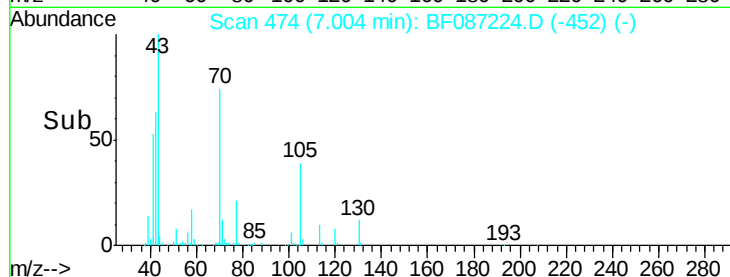
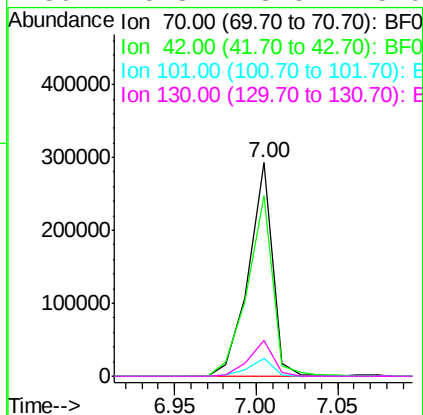
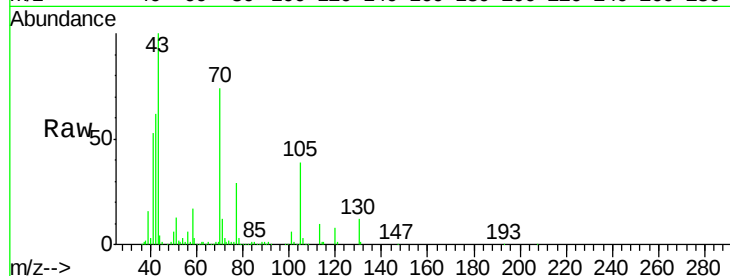




#19
n-Nitroso-di-n-propylamine
Concen: 38.06 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.05 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

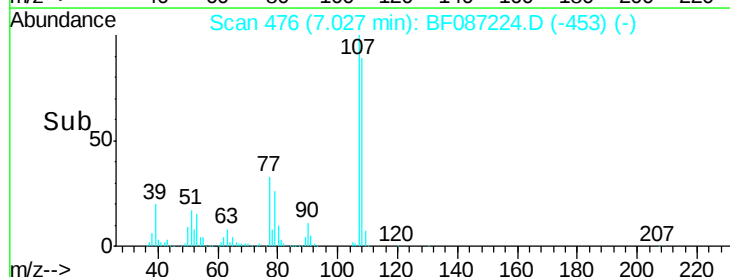
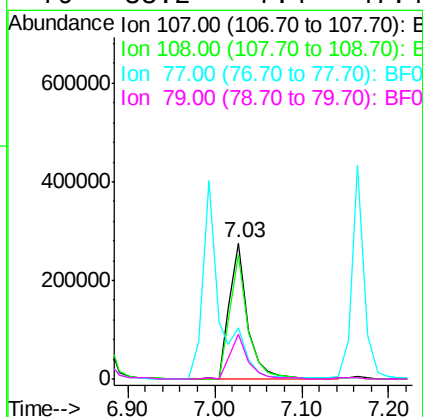
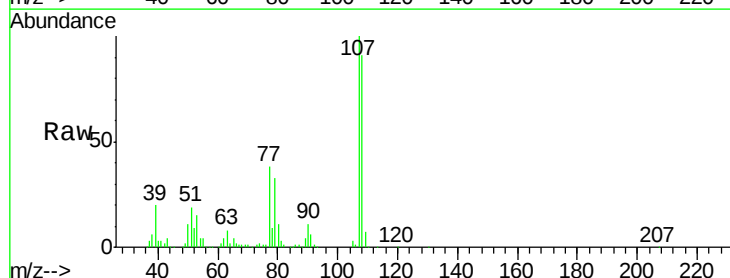
Instrument :
BNA_F
ClientSampleId :

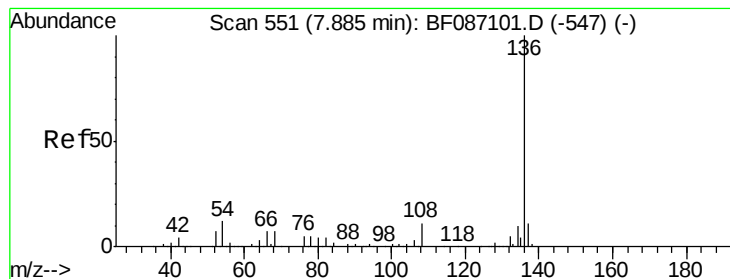
Tot Ion	Ratio	Lower	Upper
70	100		
42	84.8	43.1	64.7#
101	8.7	8.1	12.1
130	16.8	18.6	28.0#



#20
3+4-Methylphenols
Concen: 39.38 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.03 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	68.5	108.5
77	37.6	101.6	141.6#
79	33.2	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 531873

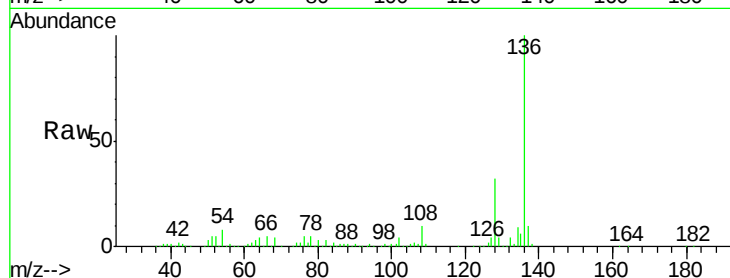
Ion Ratio Lower Upper

136 100

137 10.2 8.8 13.2

54 7.7 5.0 7.4#

68 4.2 4.4 6.6#

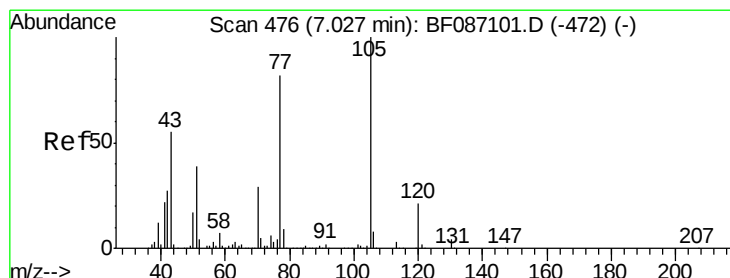
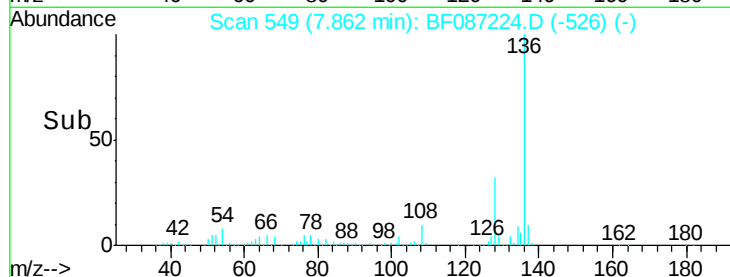
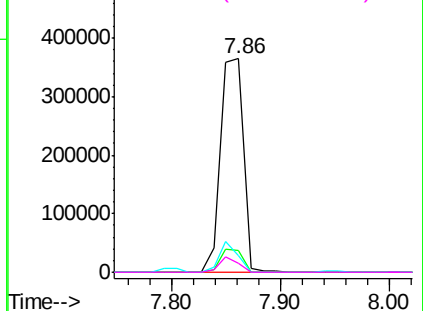


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.51 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.05 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Tgt Ion:105 Resp: 514222

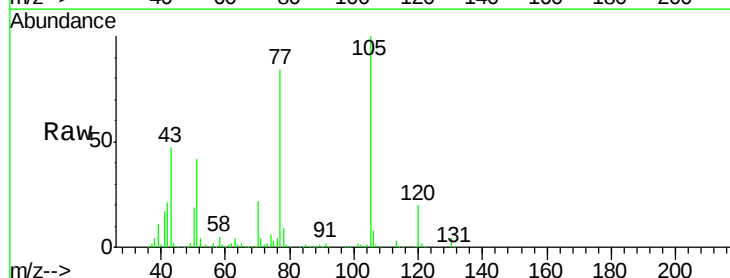
Ion Ratio Lower Upper

105 100

71 3.7 4.8 7.2#

51 42.1 32.6 49.0

120 20.3 16.5 24.7

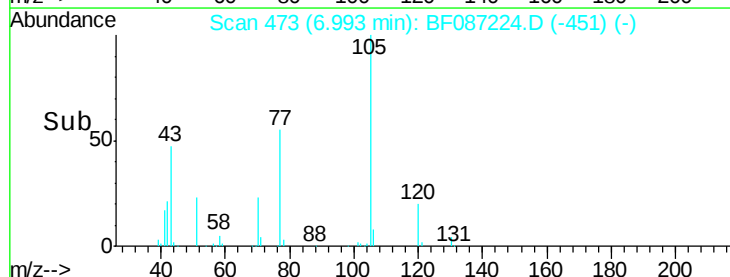
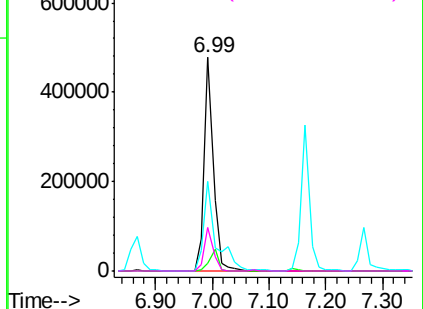


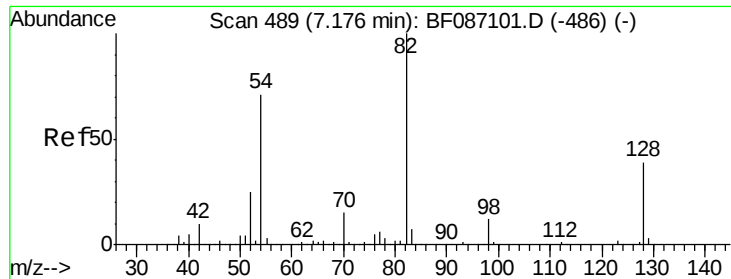
Abundance Ion 105.00 (104.70 to 105.70): E

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

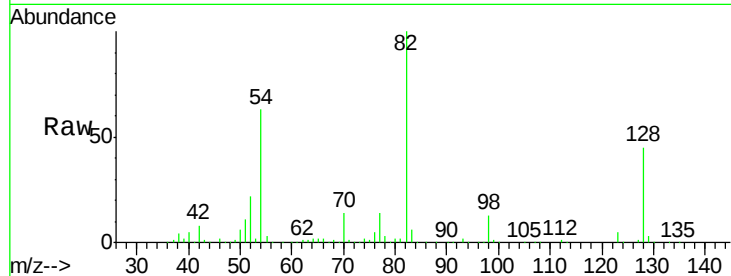




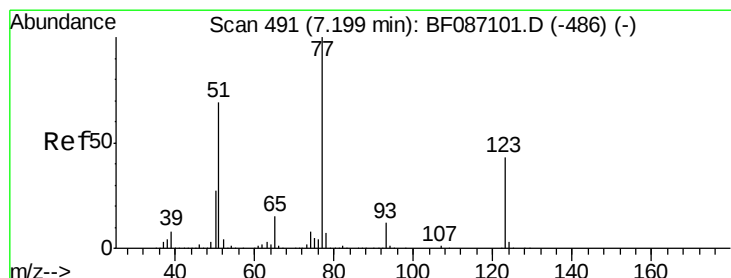
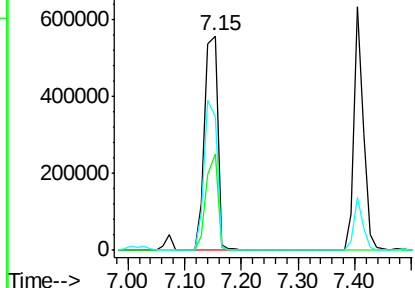
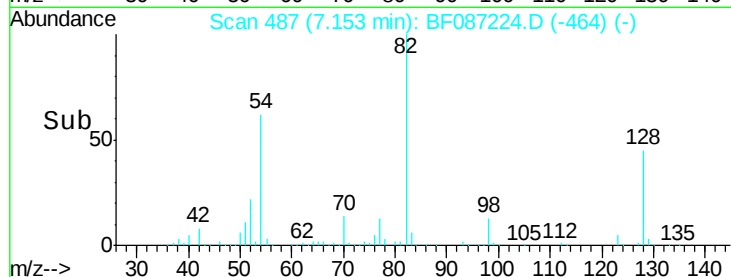
#23
 Nitrobenzene-d5
 Concen: 80.16 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.03 min
 Lab File: BF087224.D
 Acq: 20 May 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 855422
 Ion Ratio Lower Upper
 82 100
 128 44.9 40.6 61.0
 54 62.6 38.1 57.1#

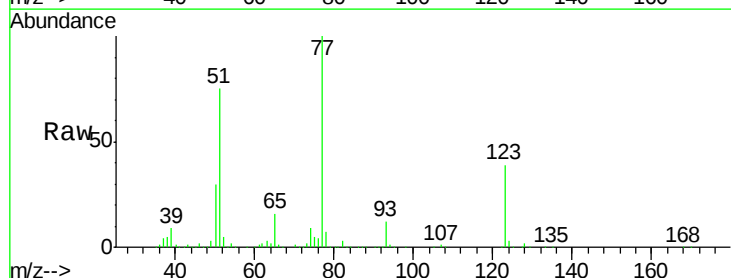


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

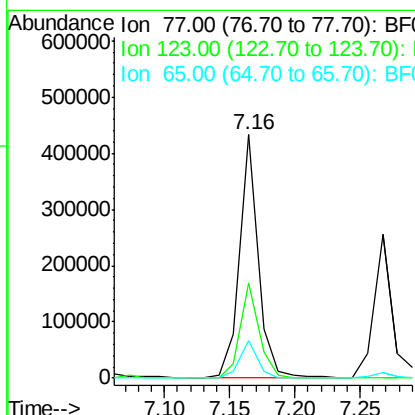
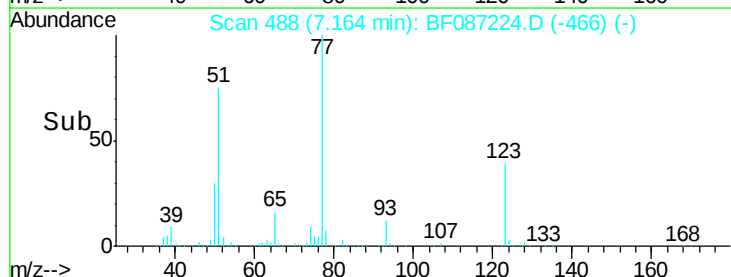


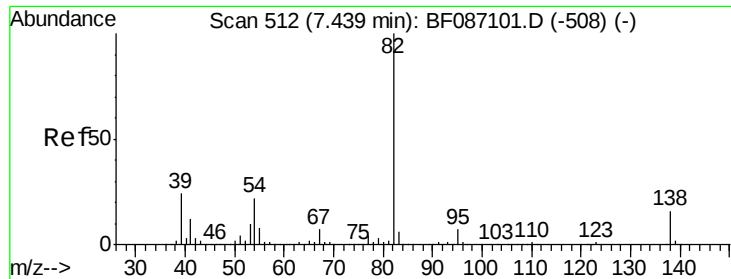
#24
 Nitrobenzene
 Concen: 36.29 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.05 min
 Lab File: BF087224.D
 Acq: 20 May 2016 10:57

Tgt Ion: 77 Resp: 422880
 Ion Ratio Lower Upper
 77 100
 123 38.9 33.0 49.4
 65 15.5 10.8 16.2



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





#25

Isophorone

Concen: 38.17 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.05 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Instrument :

BNA_F

ClientSampled :

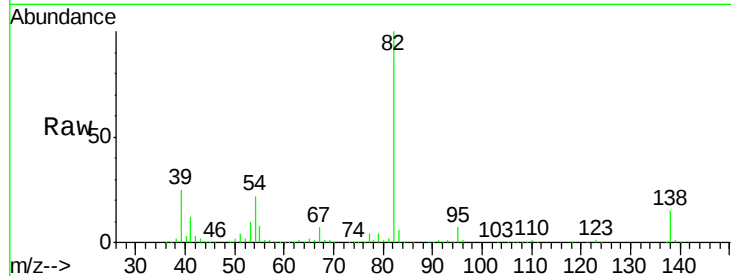
Tot Ion: 82 Resp: 745602

Ion Ratio Lower Upper

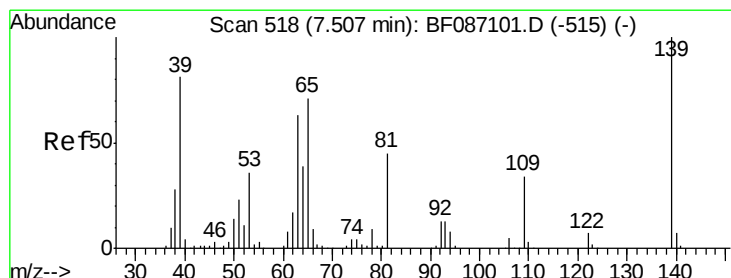
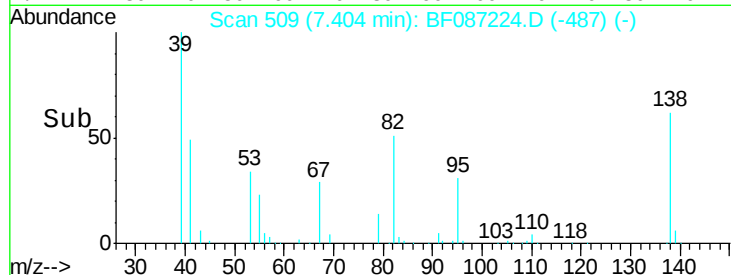
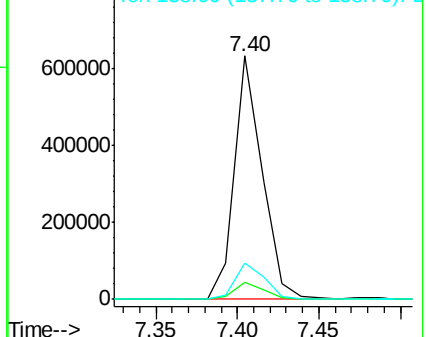
82 100

95 7.2 5.1 7.7

138 14.7 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.16 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

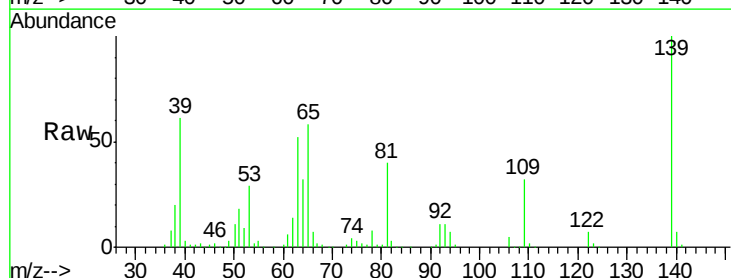
Tgt Ion: 139 Resp: 193855

Ion Ratio Lower Upper

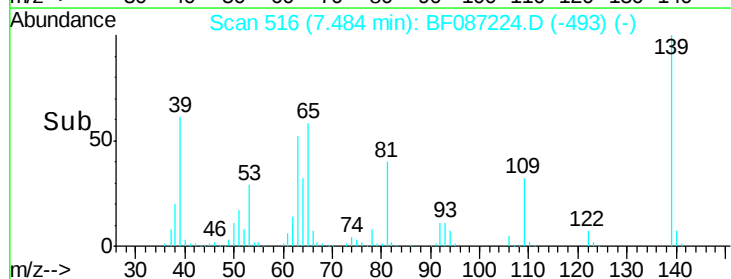
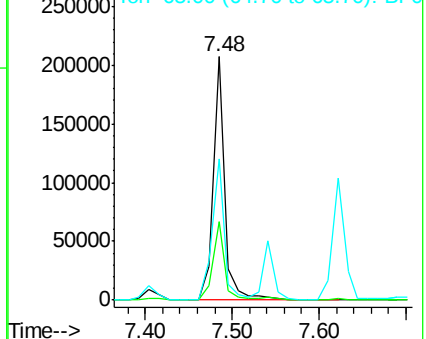
139 100

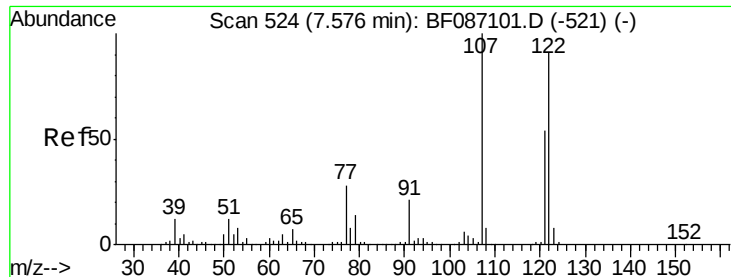
109 32.0 19.5 29.3#

65 58.1 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

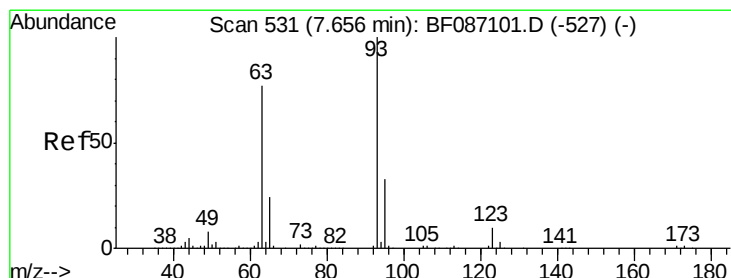
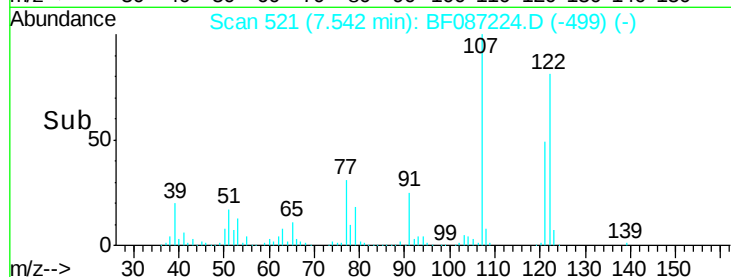
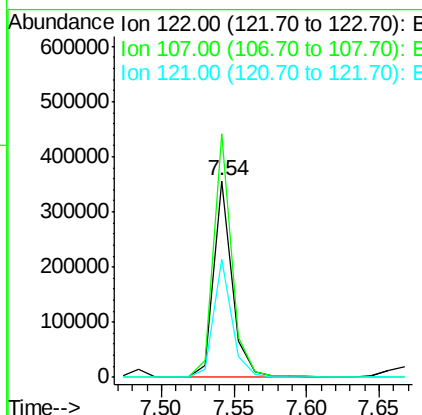
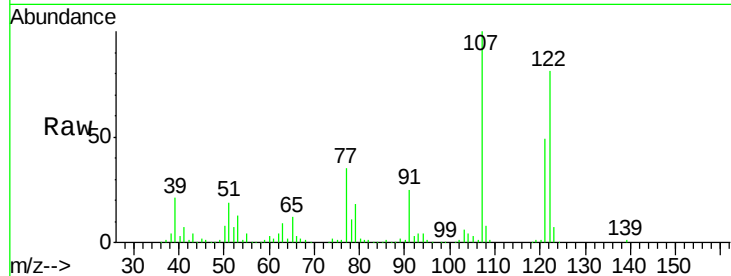




#27
2,4-Dimethylphenol
Concen: 38.70 ng
RT: 7.54 min Scan# 521
Delta R.T. -0.05 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

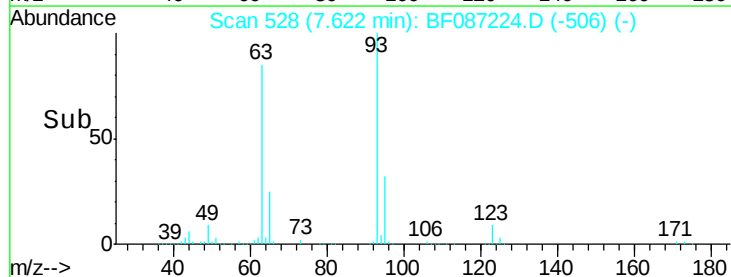
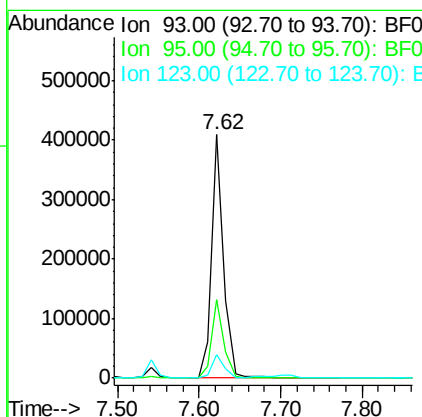
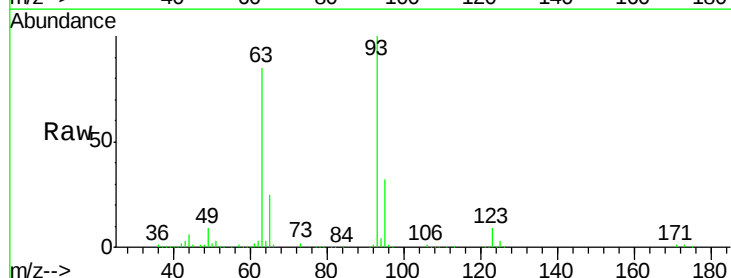
Instrument :
BNA_F
ClientSampled :

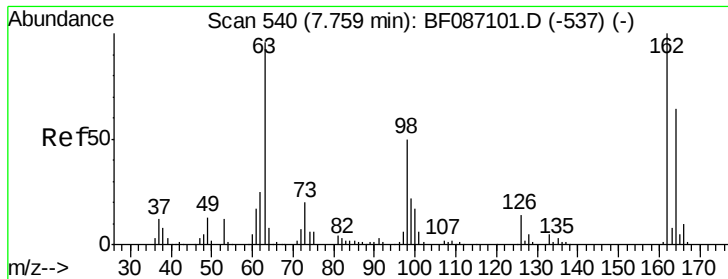
Tot Ion:122 Resp: 318825
Ion Ratio Lower Upper
122 100
107 123.7 82.0 123.0#
121 60.0 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.73 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Tgt Ion: 93 Resp: 426097
Ion Ratio Lower Upper
93 100
95 32.2 26.0 39.0
123 9.4 9.5 14.3#

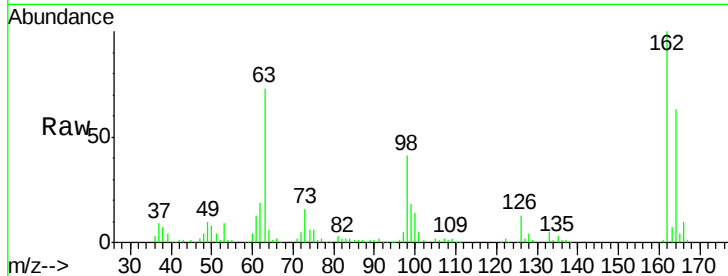




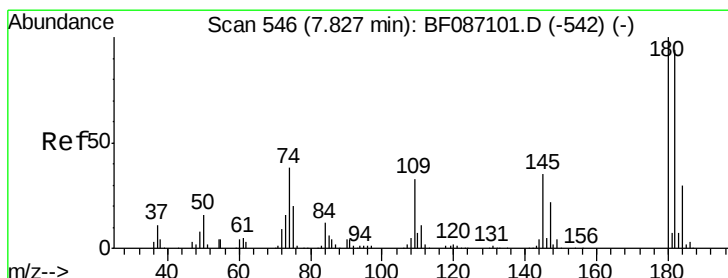
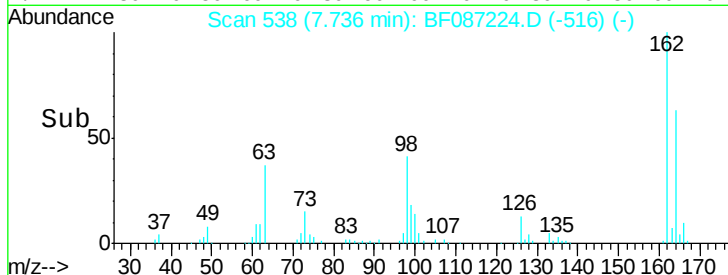
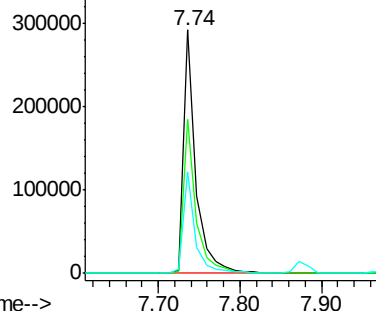
#29
 2,4-Dichlorophenol
 Concen: 42.82 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.05 min
 Lab File: BF087224.D
 Acq: 20 May 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	42.2	82.2
98	41.5	19.0	59.0

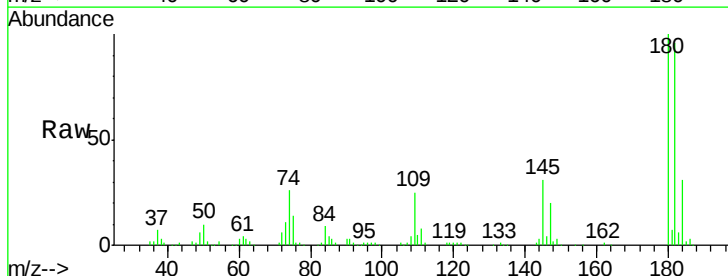


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

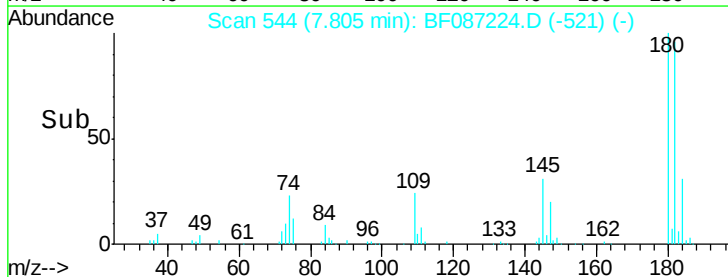
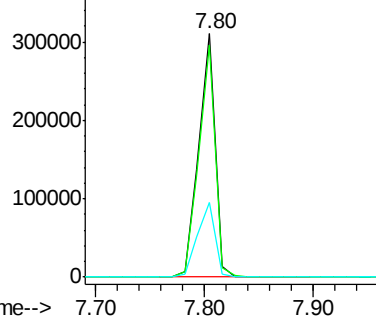


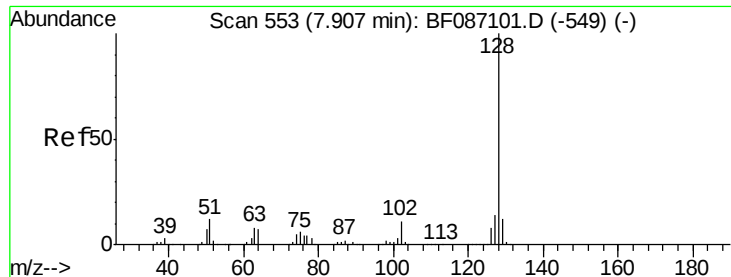
#30
 1,2,4-Trichlorobenzene
 Concen: 40.24 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.03 min
 Lab File: BF087224.D
 Acq: 20 May 2016 10:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	78.0	117.0
145	30.9	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

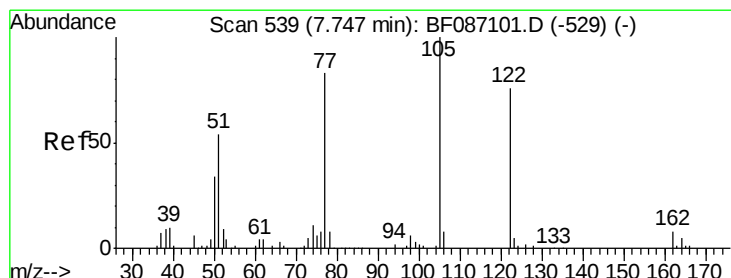
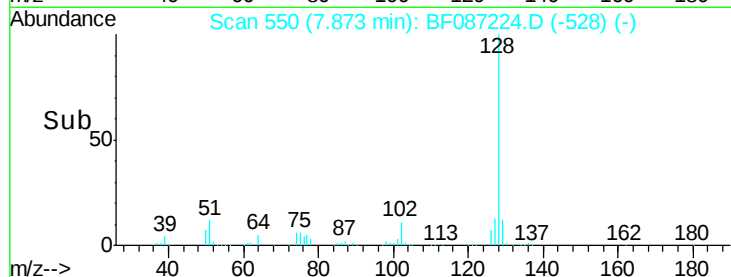
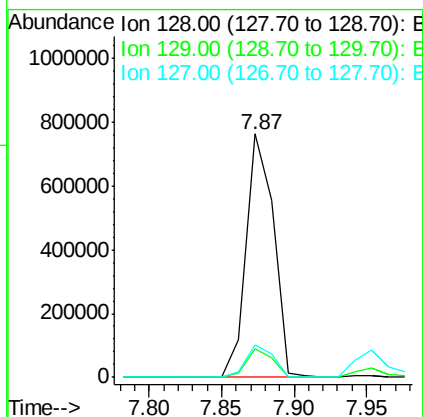
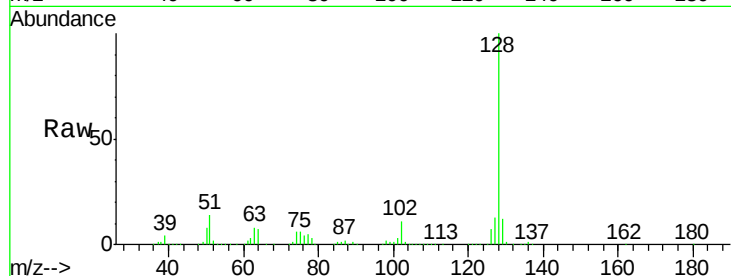




#31
Naphthalene
Concen: 38.49 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.05 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

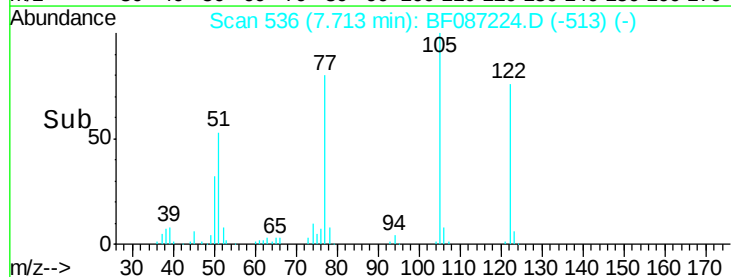
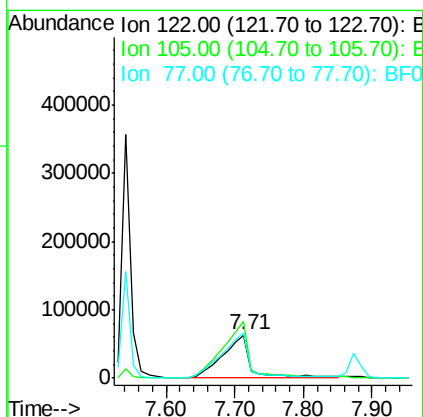
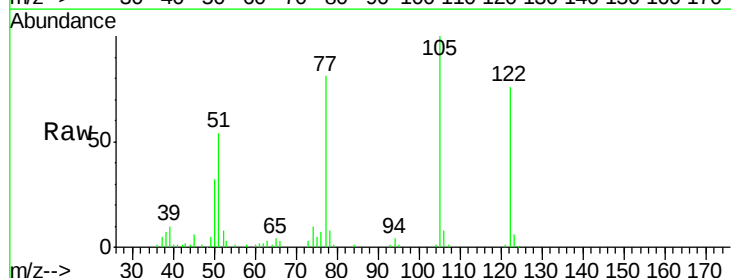
Instrument :
BNA_F
ClientSampled :

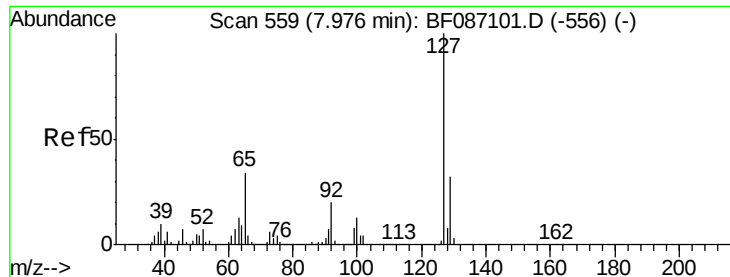
Tot Ion:128 Resp: 1000190
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 35.38 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.03 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Tgt Ion:122 Resp: 173701
Ion Ratio Lower Upper
122 100
105 130.9 92.6 132.6
77 106.1 60.0 100.0#

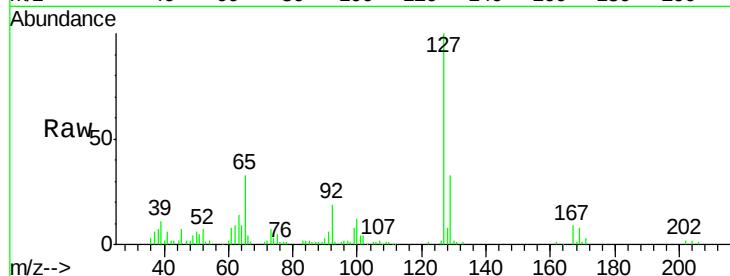




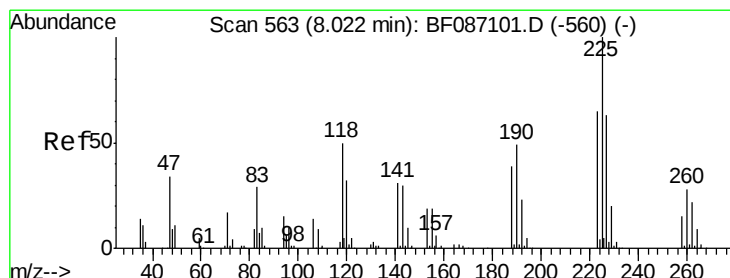
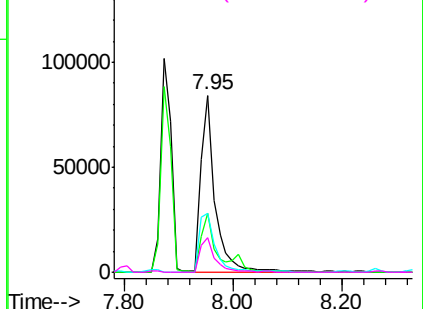
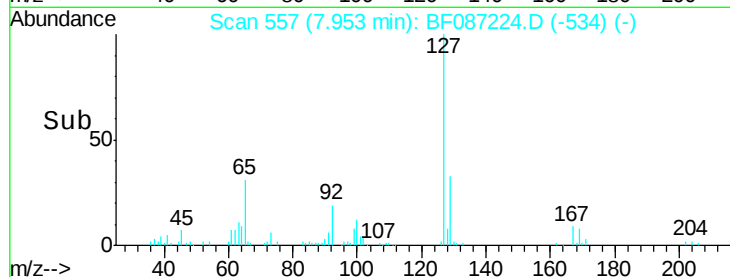
#33
4-Chloroaniline
Concen: 14.02 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.03 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	151434
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.2	39.4
65	33.2	23.0	34.4
92	19.4	15.1	22.7

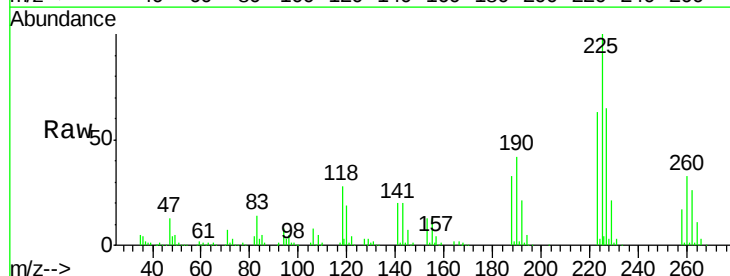


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

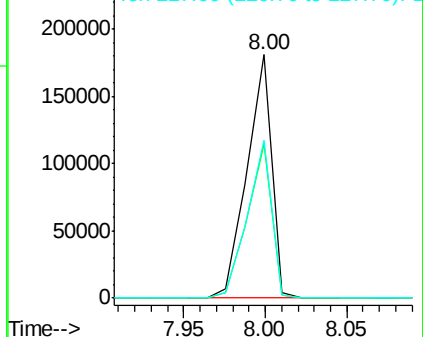
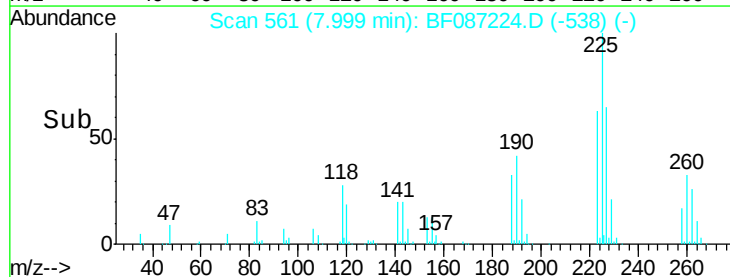


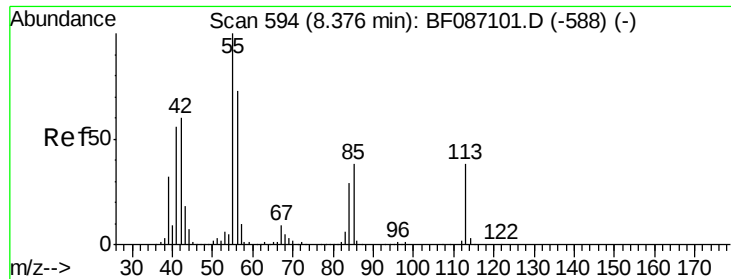
#34
Hexachlorobutadiene
Concen: 41.33 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.03 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Tgt Ion:	225	Resp:	188943
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.5	77.3
227	65.0	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.30 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.06 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Instrument :

BNA_F

ClientSampleId :

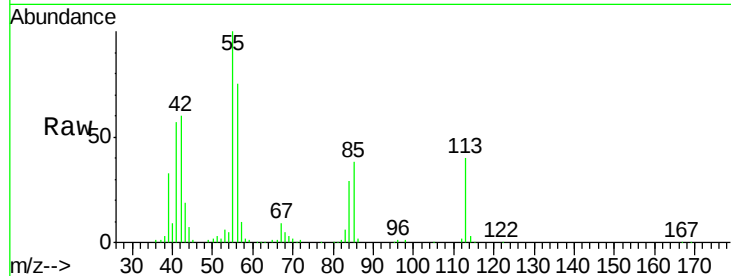
Tot Ion:113 Resp: 61159

Ion Ratio Lower Upper

113 100

55 248.7 162.0 202.0#

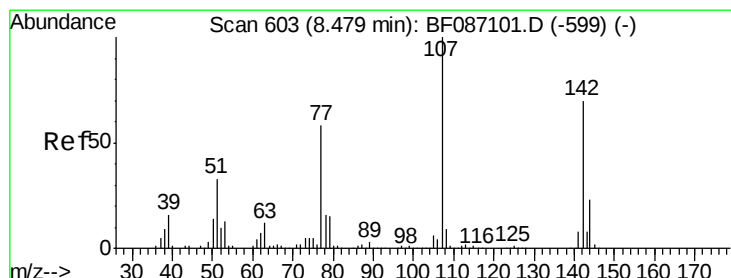
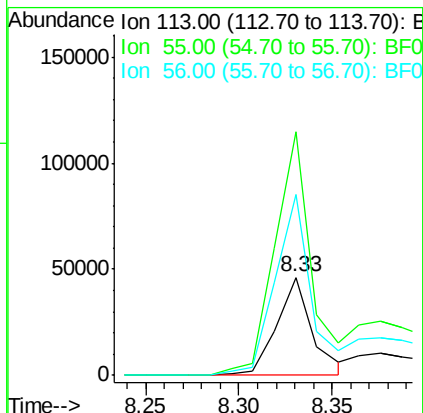
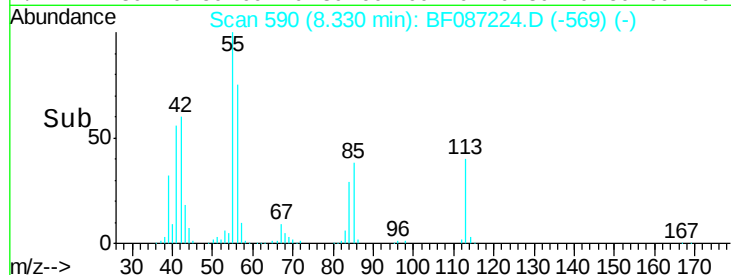
56 185.4 115.3 155.3#



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: 39.21 ng

RT: 8.46 min Scan# 601

Delta R.T. -0.03 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

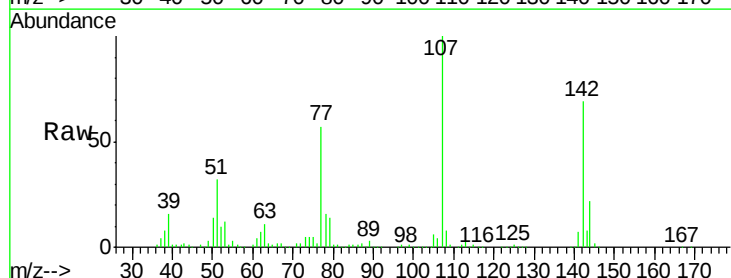
Tgt Ion:107 Resp: 343295

Ion Ratio Lower Upper

107 100

144 21.9 20.7 31.1

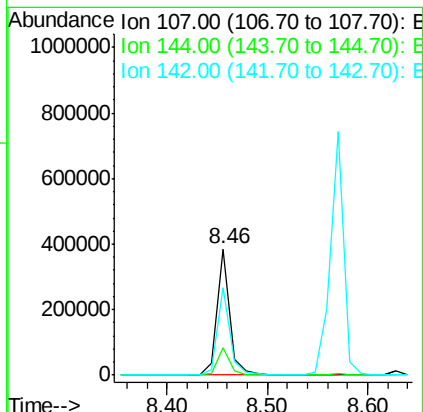
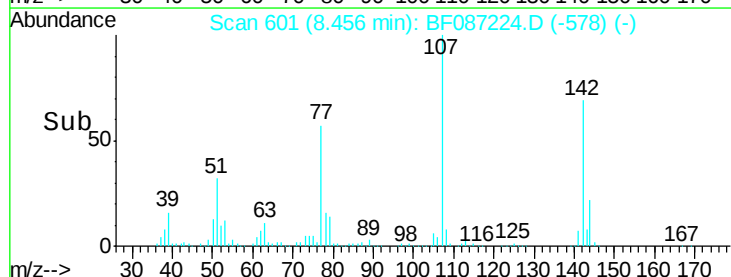
142 69.1 63.2 94.8

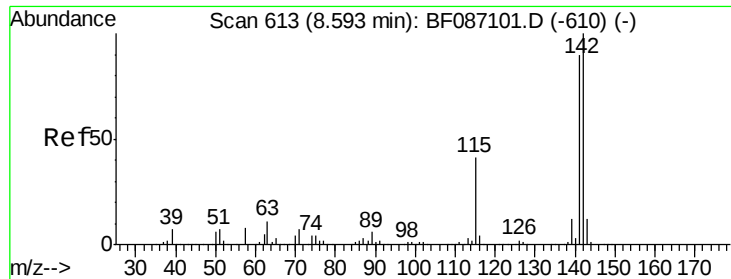


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

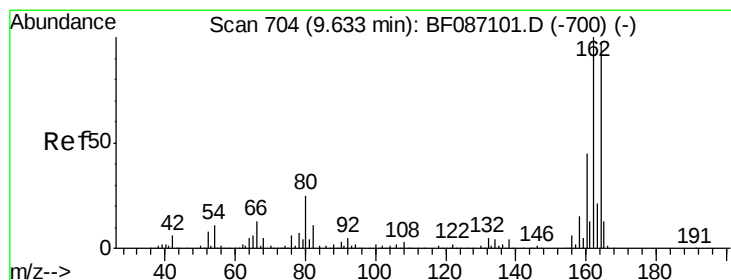
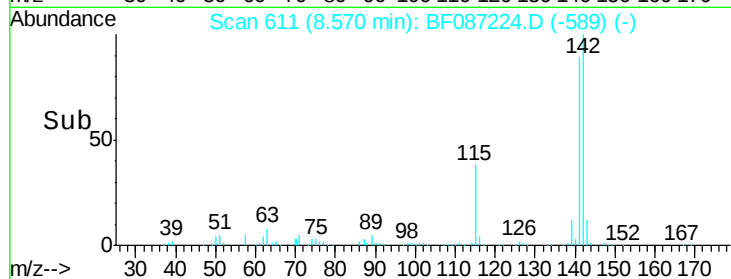
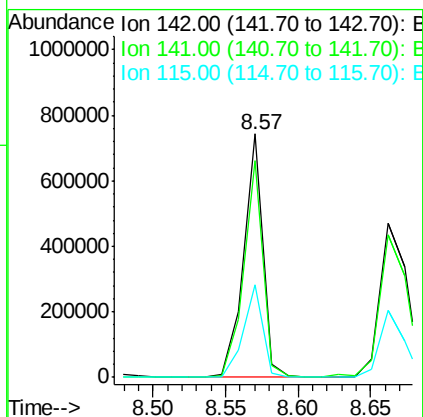
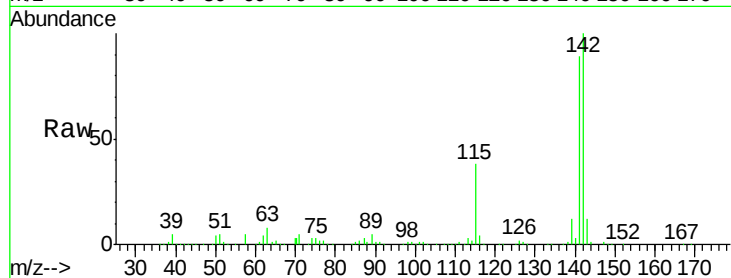




#37
2-Methylnaphthalene
Concen: 41.08 ng
RT: 8.57 min Scan# 611
Delta R.T. -0.05 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

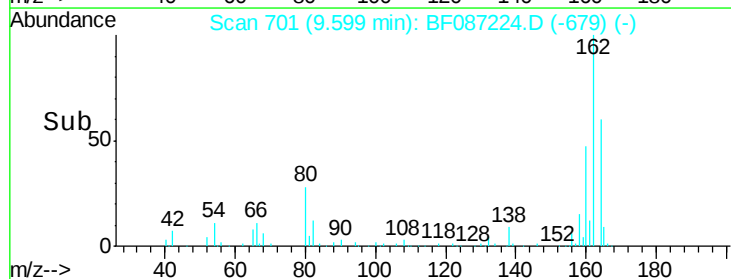
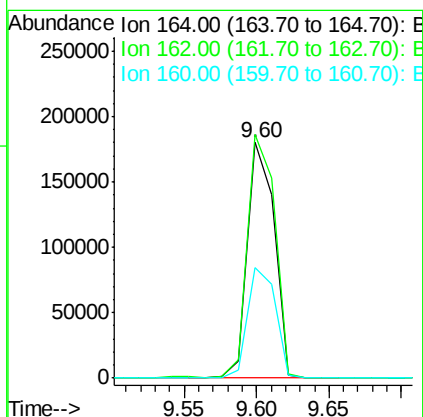
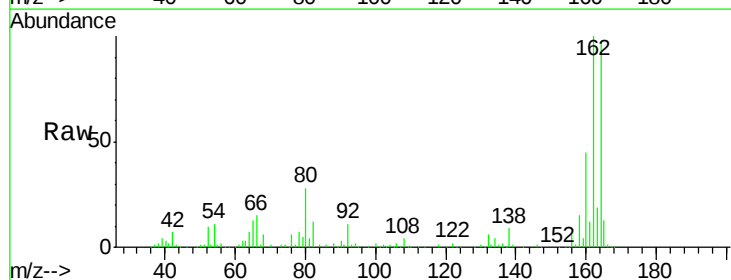
Instrument :
BNA_F
ClientSampled :

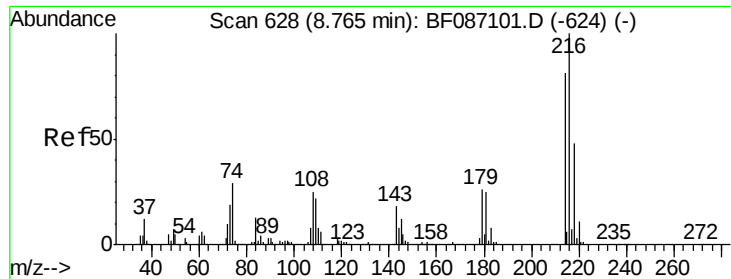
Tot Ion:142 Resp: 682890
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.6
115 38.2 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.05 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Tgt Ion:164 Resp: 231665
Ion Ratio Lower Upper
164 100
162 103.2 82.8 124.2
160 46.8 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.63 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.03 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 281658

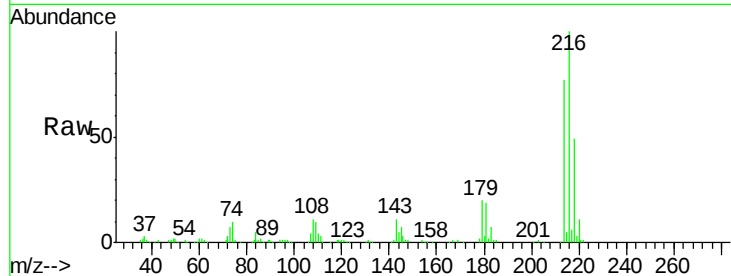
Ion Ratio Lower Upper

216 100

214 79.1 62.6 93.8

179 23.2 18.2 27.4

108 21.5 17.5 26.3

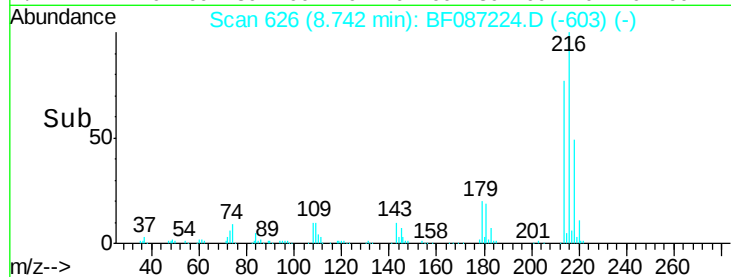


Abundance Ion 216.00 (215.70 to 216.70): E

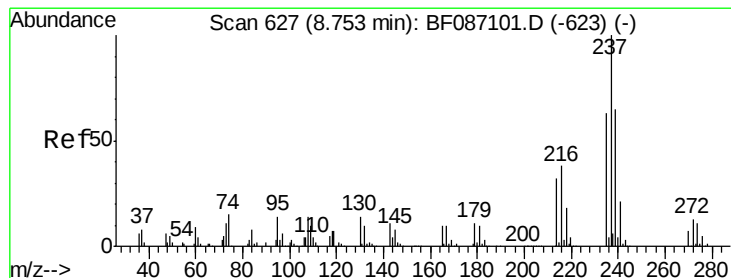
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 37.05 ng

RT: 8.72 min Scan# 624

Delta R.T. -0.05 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

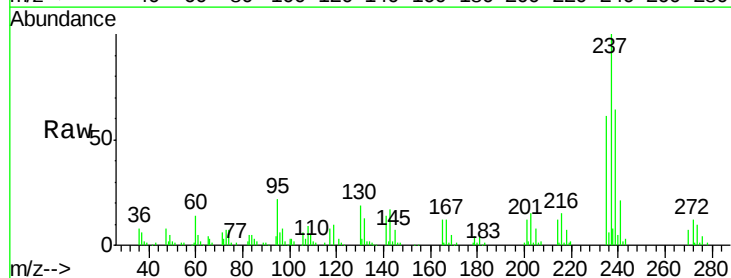
Tgt Ion:237 Resp: 84589

Ion Ratio Lower Upper

237 100

235 61.5 47.2 87.2

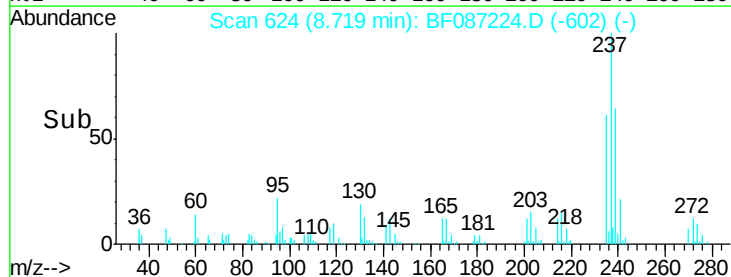
272 12.4 0.0 31.1



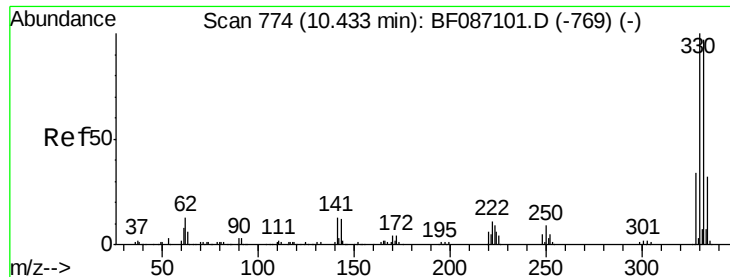
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



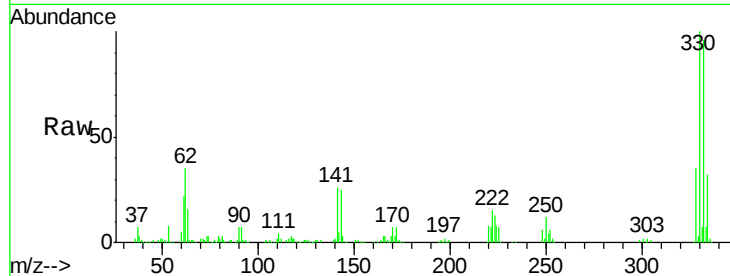
Time-->



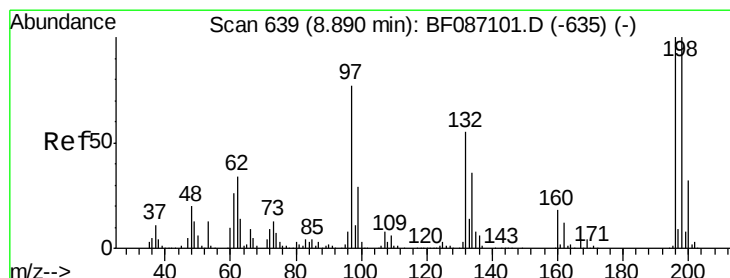
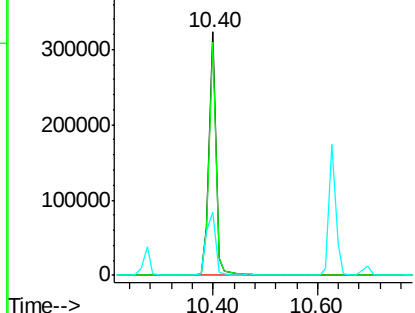
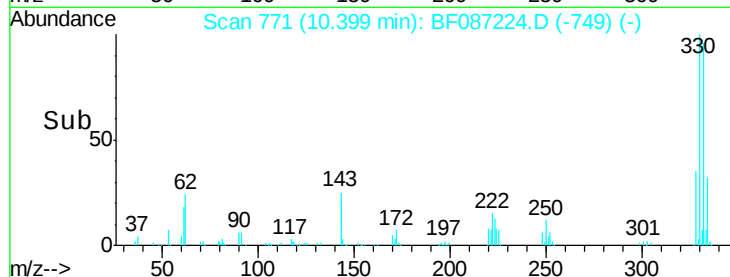
#41
 2,4,6-Tribromophenol
 Concen: 116.65 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087224.D
 Acq: 20 May 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	79.0	118.4
141	35.0	31.2	46.8

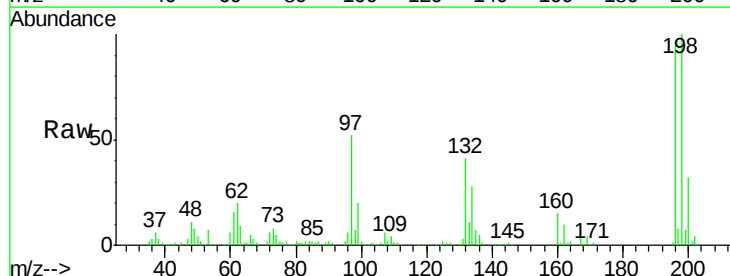


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

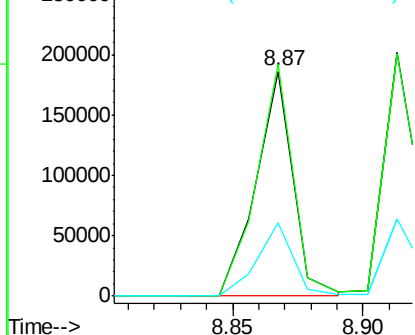
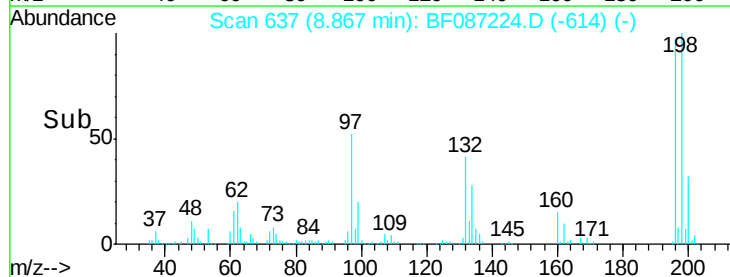


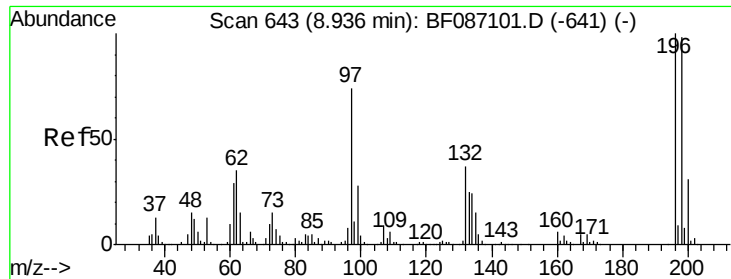
#42
 2,4,6-Trichlorophenol
 Concen: 41.99 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.03 min
 Lab File: BF087224.D
 Acq: 20 May 2016 10:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.9	74.7	112.1
200	32.8	23.8	35.6



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

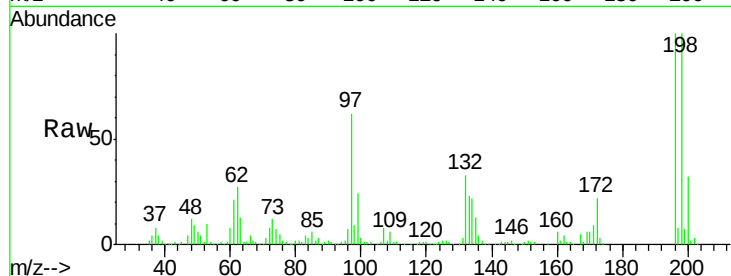




#43
 2,4,5-Trichlorophenol
 Concen: 42.26 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.03 min
 Lab File: BF087224.D
 Acq: 20 May 2016 10:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.6	77.5	116.3
97	61.6	34.8	52.2
132	33.0	23.0	34.4



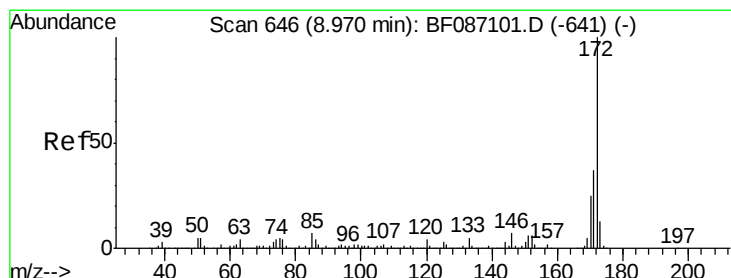
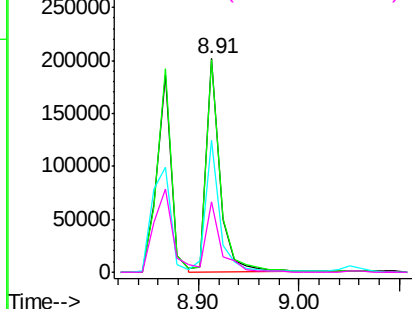
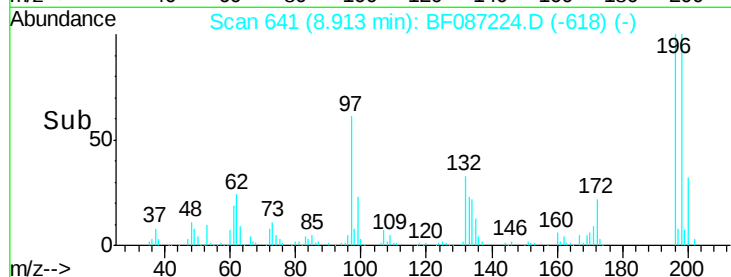
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

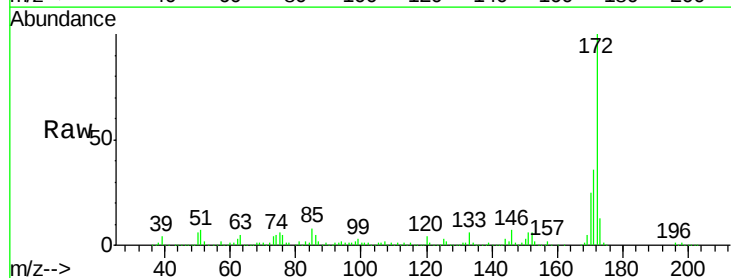
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.29 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.05 min
 Lab File: BF087224.D
 Acq: 20 May 2016 10:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.7	19.8	29.8

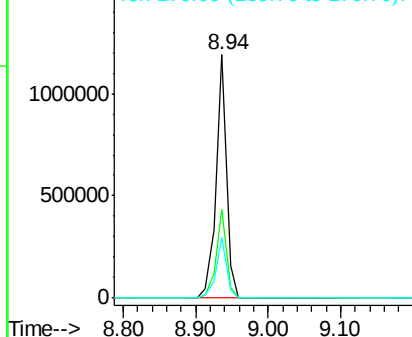
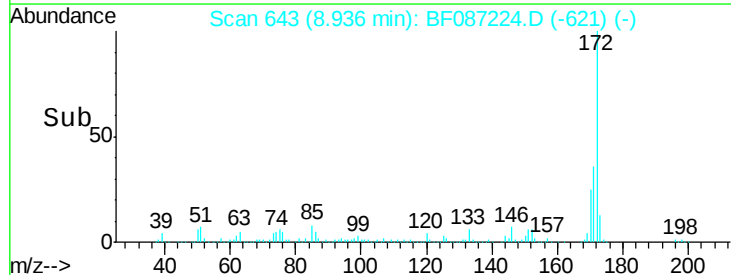


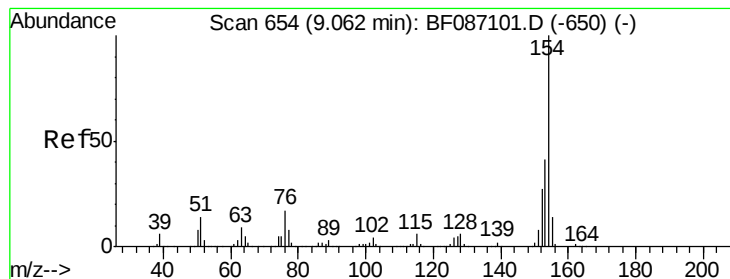
Abundance

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: 43.59 ng

RT: 9.04 min Scan# 652

Delta R.T. -0.03 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Instrument :

BNA_F

ClientSampled :

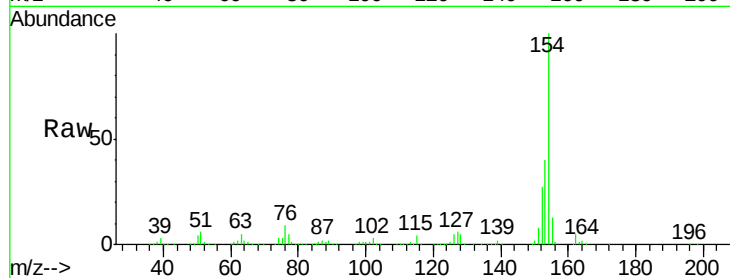
Tot Ion:154 Resp: 837254

Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

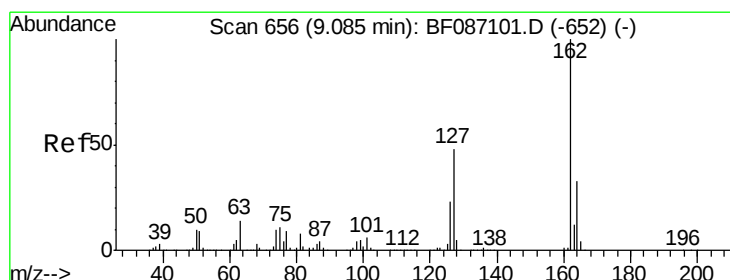
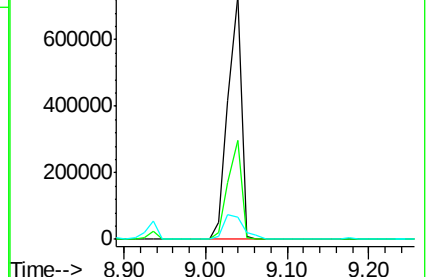
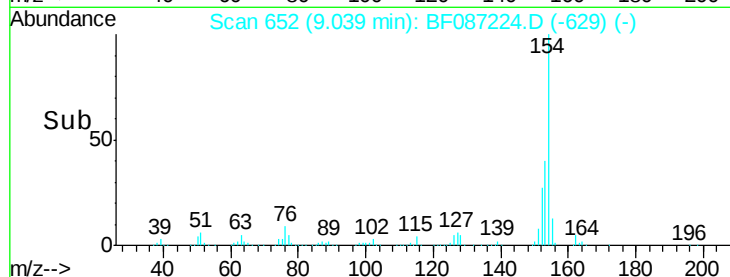
76 9.3 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.77 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.03 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

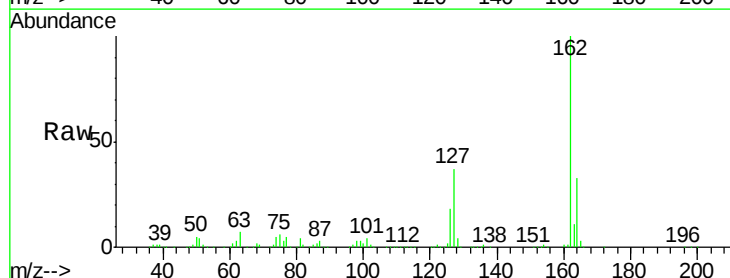
Tgt Ion:162 Resp: 601219

Ion Ratio Lower Upper

162 100

127 36.9 31.8 47.6

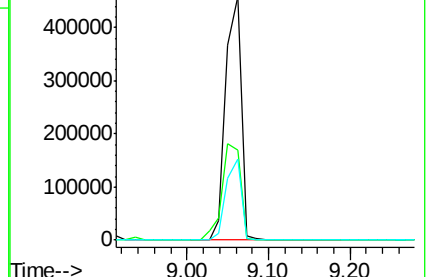
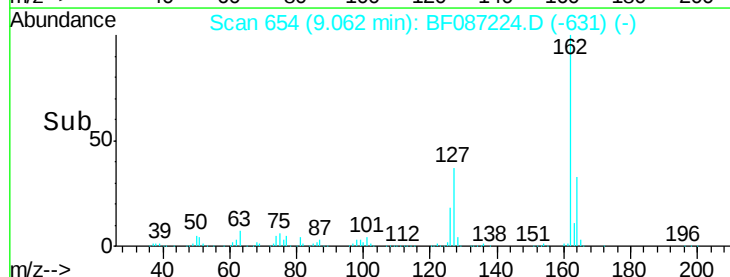
164 33.2 27.0 40.6

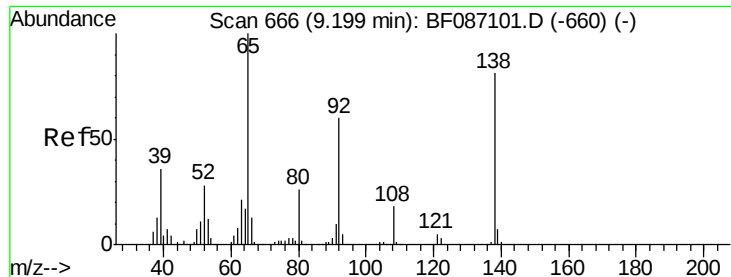


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

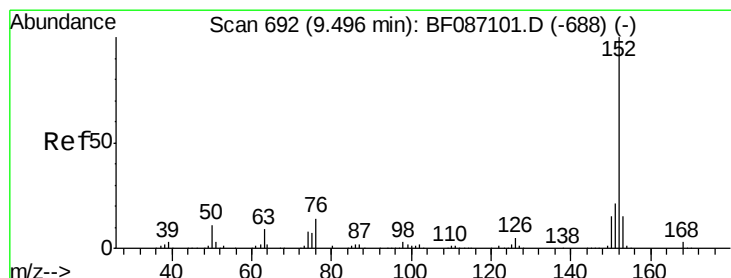
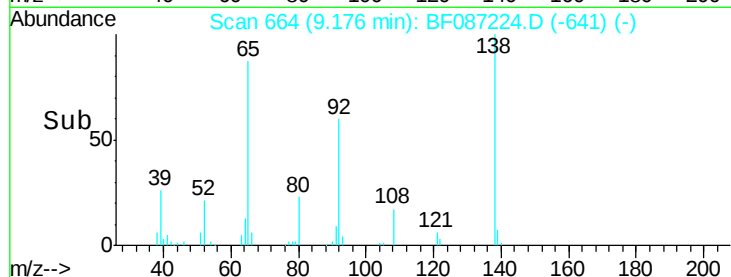
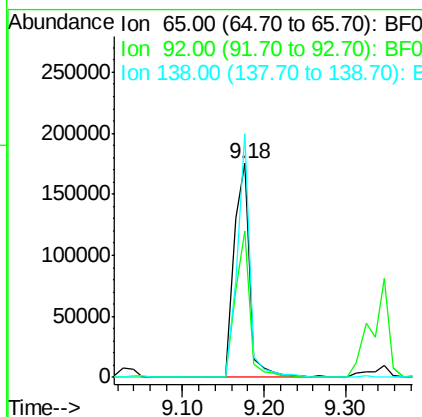
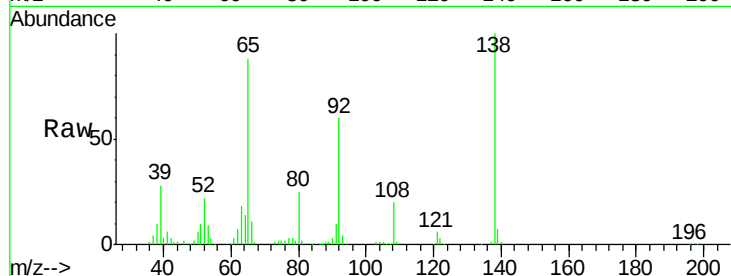




#47
2-Nitroaniline
Concen: 41.64 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

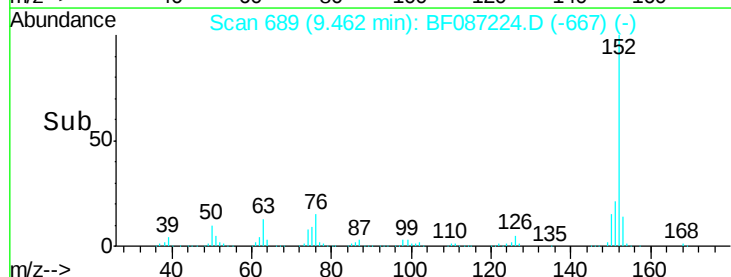
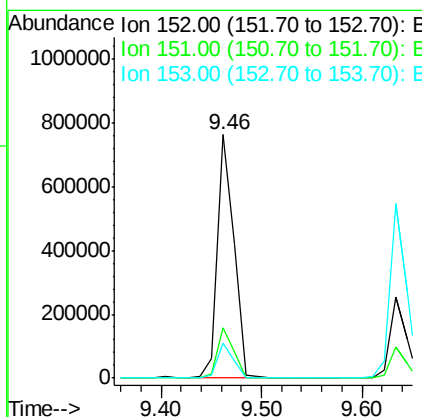
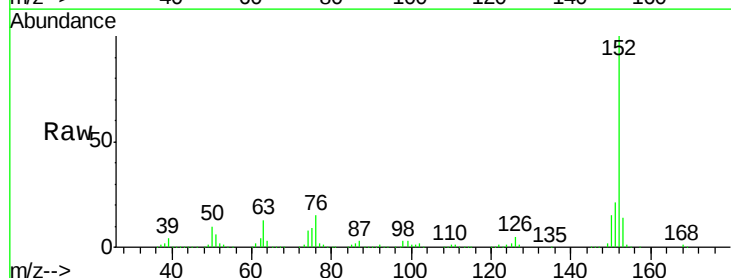
Instrument :
BNA_F
ClientSampleId :

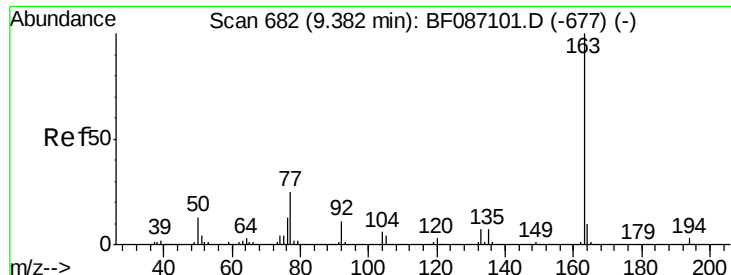
Tot Ion: 65 Resp: 235300
Ion Ratio Lower Upper
65 100
92 68.3 57.4 86.2
138 113.9 90.1 135.1



#48
Acenaphthylene
Concen: 38.53 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.05 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Tgt Ion: 152 Resp: 867570
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 14.3 10.9 16.3

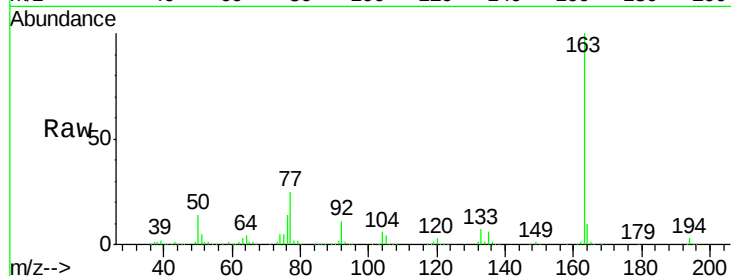




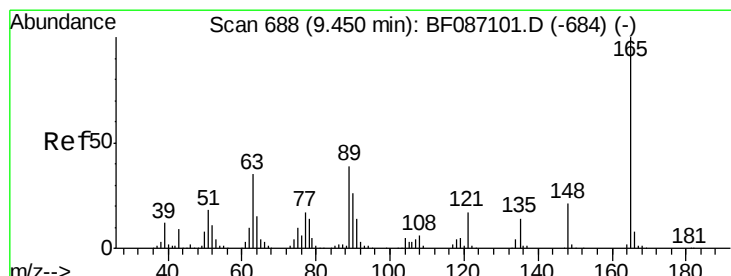
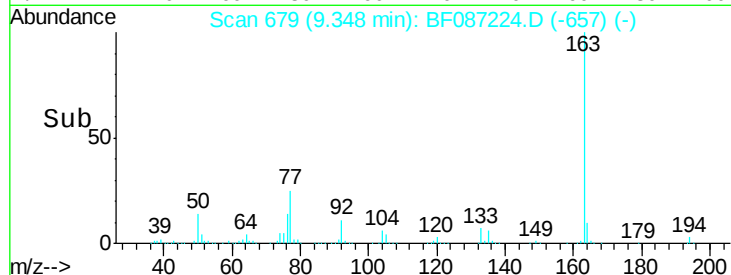
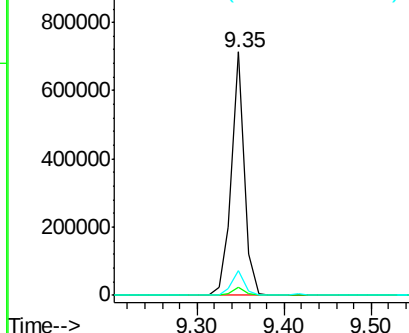
#49
Dimethylphthalate
Concen: 41.38 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 731354
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.3 8.2 12.4

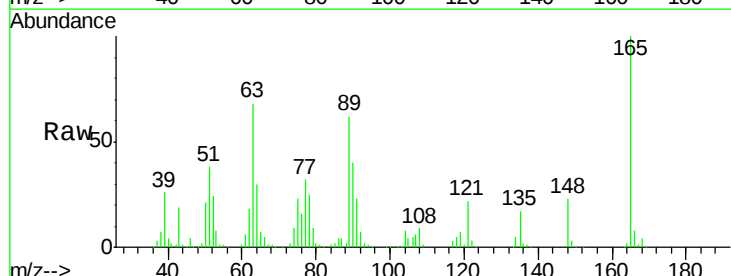


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

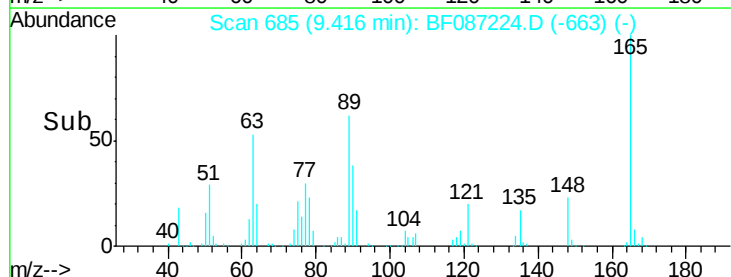
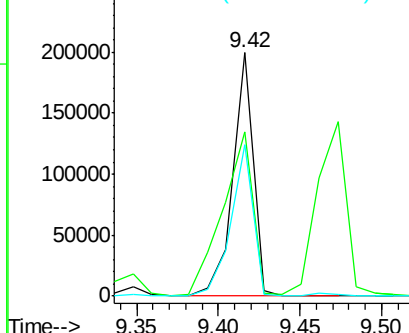


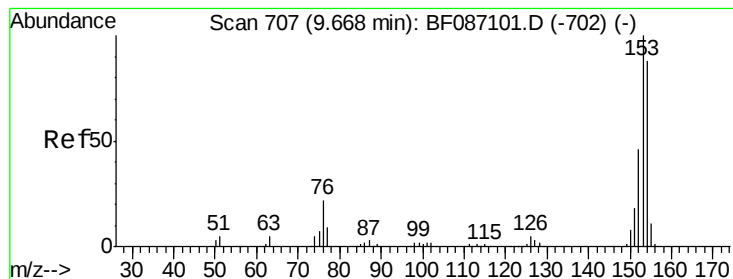
#50
2,6-Dinitrotoluene
Concen: 44.72 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Tgt Ion:165 Resp: 171601
Ion Ratio Lower Upper
165 100
63 67.5 51.8 77.8
89 62.4 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: 37.91 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.05 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Instrument :

BNA_F

ClientSampleId :

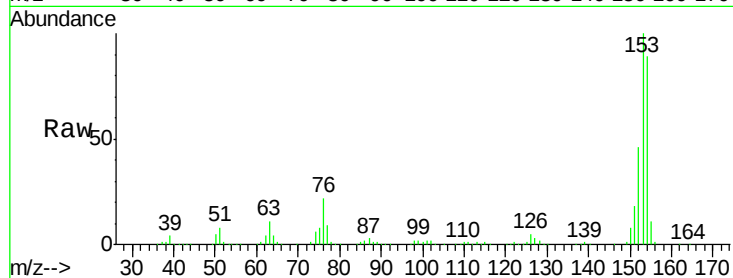
Tot Ion:154 Resp: 533272

Ion Ratio Lower Upper

154 100

153 112.7 89.8 134.6

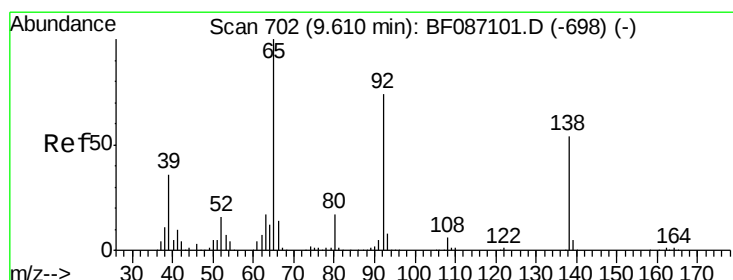
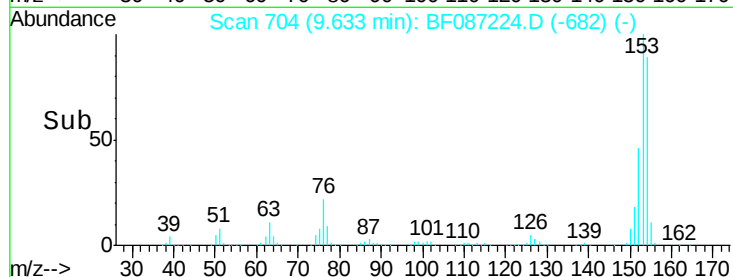
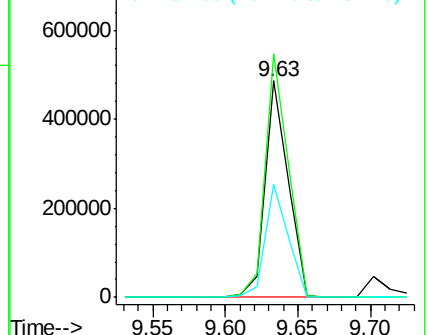
152 52.2 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.94 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.05 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

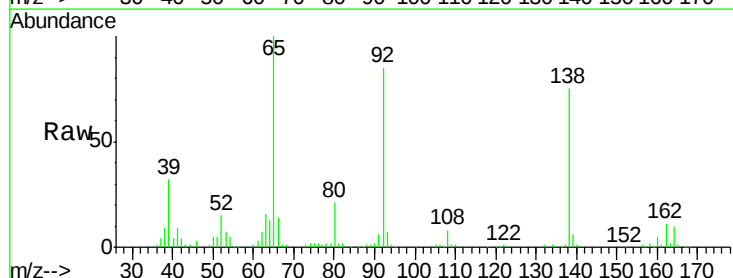
Tgt Ion:138 Resp: 103600

Ion Ratio Lower Upper

138 100

108 10.1 7.8 11.6

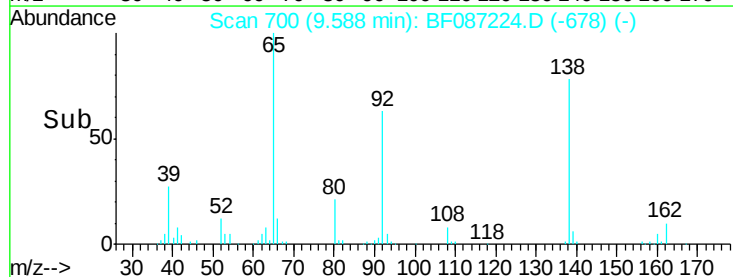
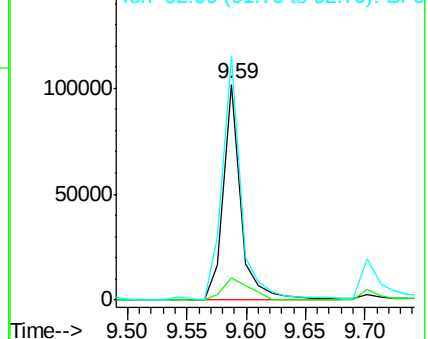
92 112.9 87.8 131.8

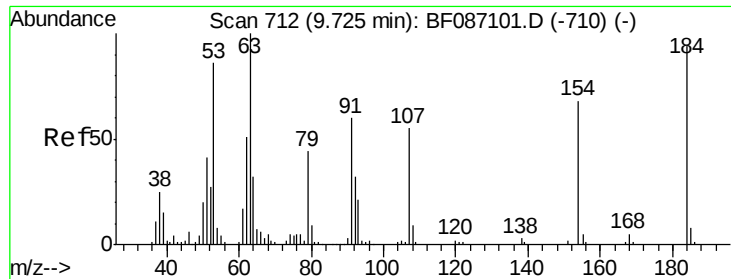


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

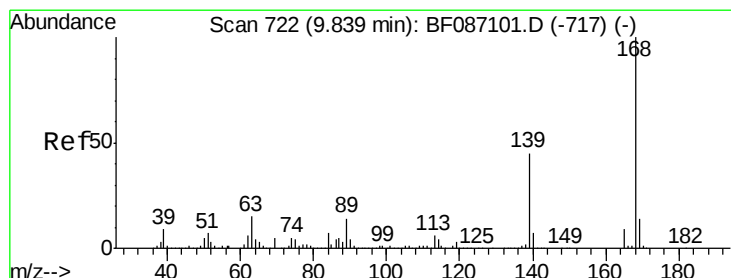
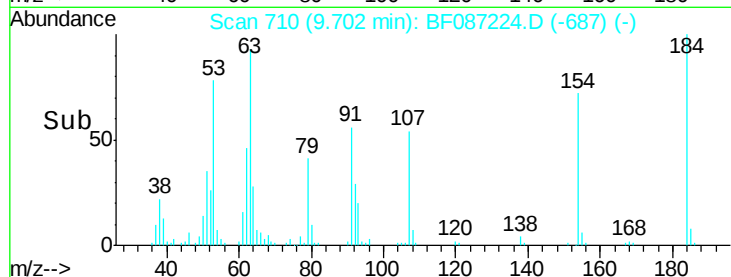
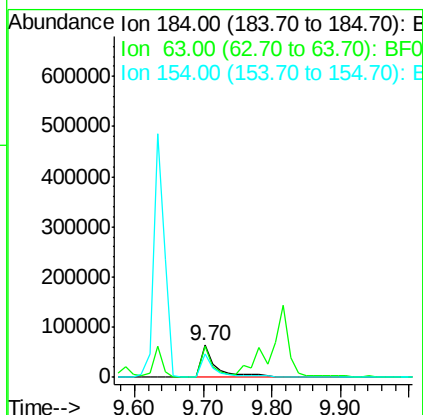
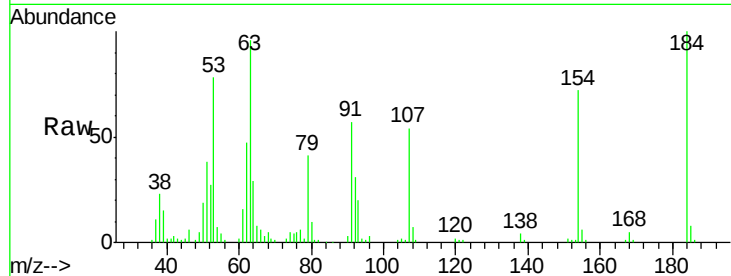




#53
 2,4-Dinitrophenol
 Concen: 48.29 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.03 min
 Lab File: BF087224.D
 Acq: 20 May 2016 10:57

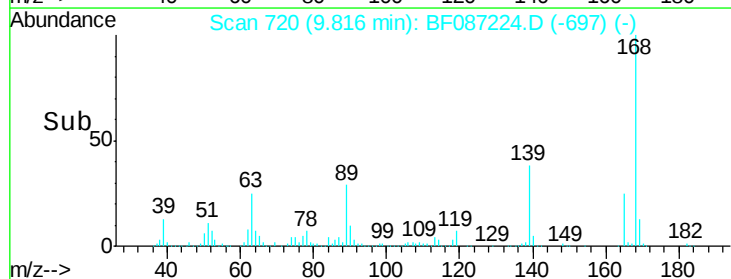
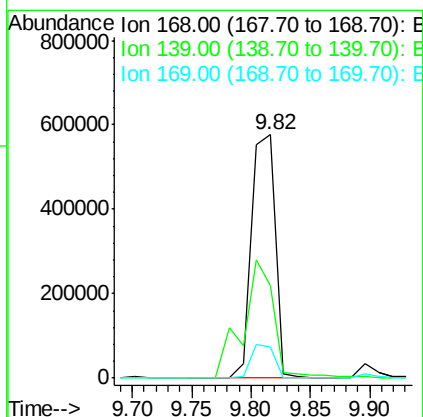
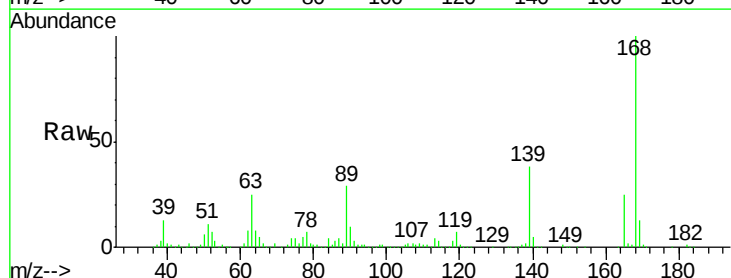
Instrument :
 BNA_F
 ClientSampled :

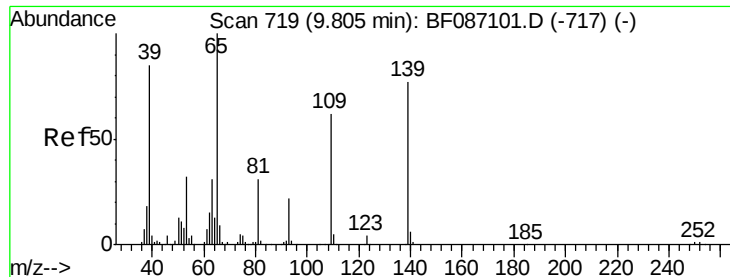
Tot Ion:184 Resp: 101776
 Ion Ratio Lower Upper
 184 100
 63 95.5 55.8 83.8#
 154 71.8 62.4 93.6



#54
 Dibenzofuran
 Concen: 44.63 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF087224.D
 Acq: 20 May 2016 10:57

Tgt Ion:168 Resp: 811852
 Ion Ratio Lower Upper
 168 100
 139 38.0 31.4 47.0
 169 13.0 10.7 16.1

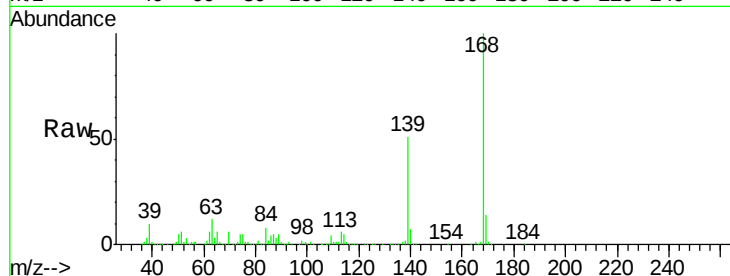




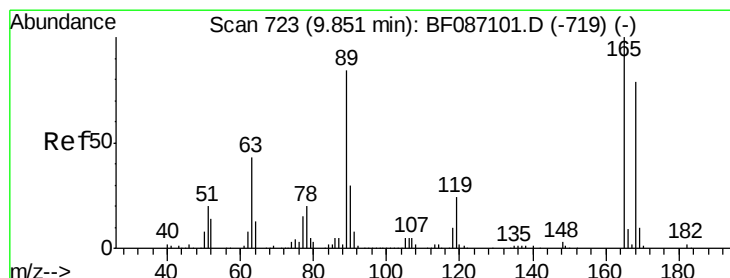
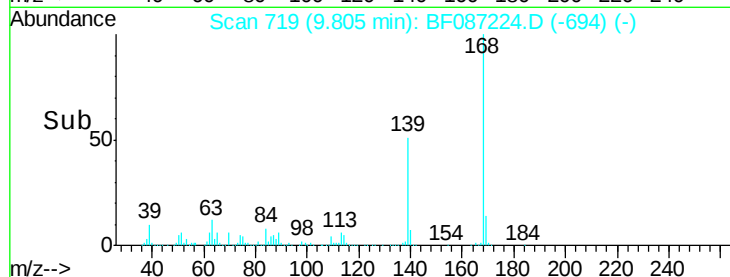
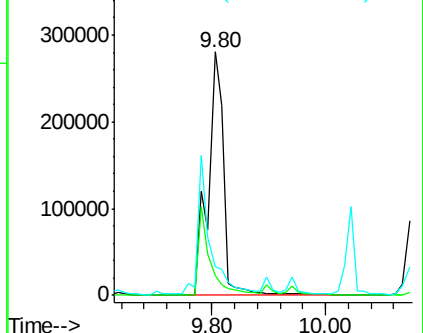
#55
4-Nitrophenol
Concen: 122.98 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 520822
Ion Ratio Lower Upper
139 100
109 7.8 36.9 76.9#
65 11.8 64.0 104.0#

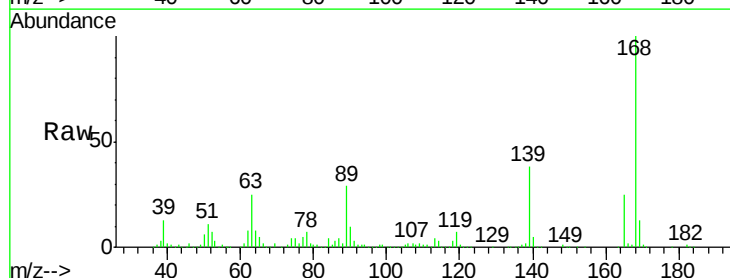


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

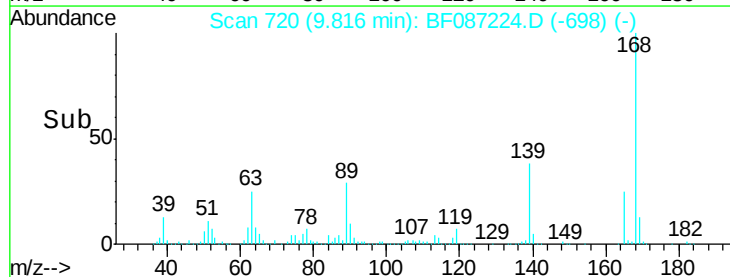
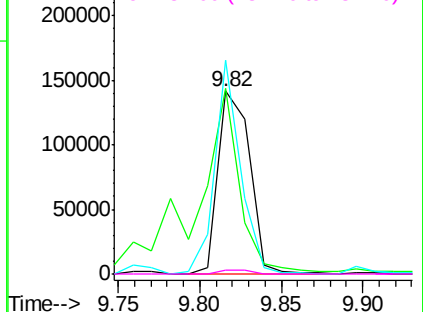


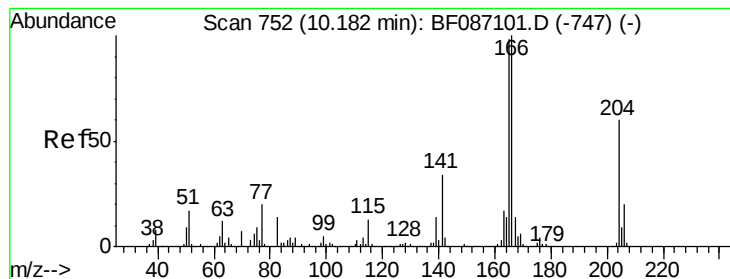
#56
2,4-Dinitrotoluene
Concen: 38.62 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Tgt Ion:165 Resp: 189798
Ion Ratio Lower Upper
165 100
63 101.4 44.3 66.5#
89 116.8 70.0 105.0#
182 2.2 1.8 2.6



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





#57

Fluorene

Concen: 39.30 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.05 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Instrument :

BNA_F

ClientSampleId :

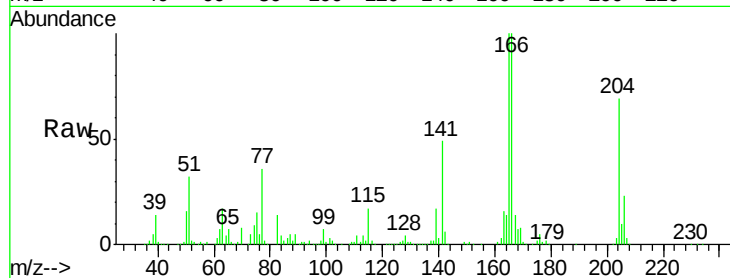
Tot Ion:166 Resp: 574353

Ion Ratio Lower Upper

166 100

165 99.6 79.0 118.6

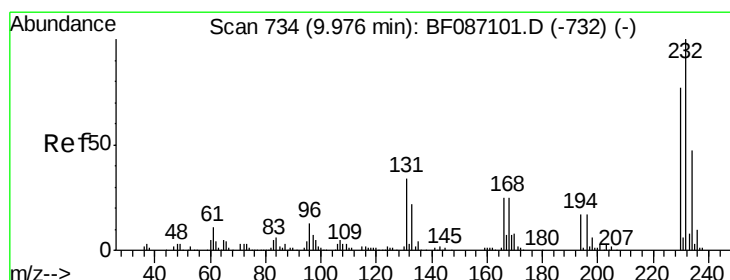
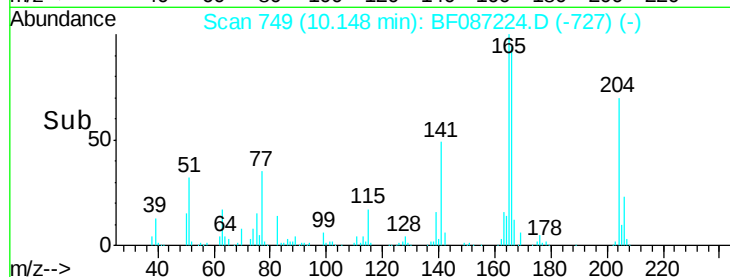
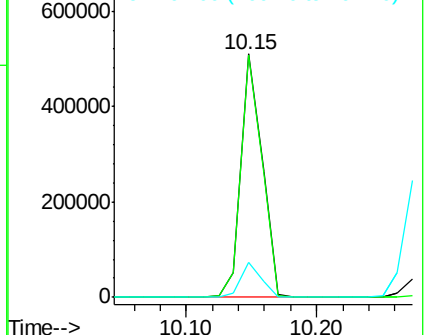
167 14.2 10.6 15.8



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: 42.08 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.05 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Tgt Ion:232 Resp: 149389

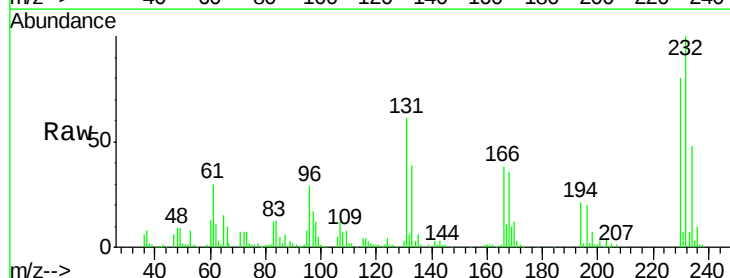
Ion Ratio Lower Upper

232 100

131 56.8 41.9 62.9

130 3.1 2.2 3.4

166 33.3 26.8 40.2

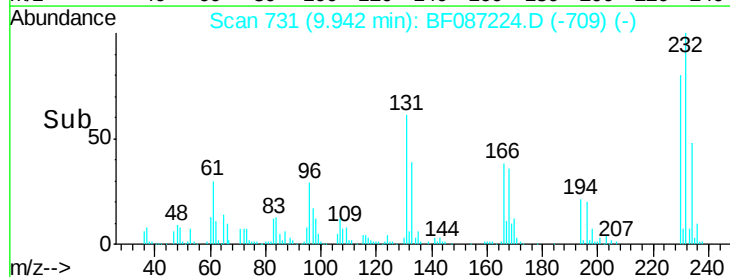
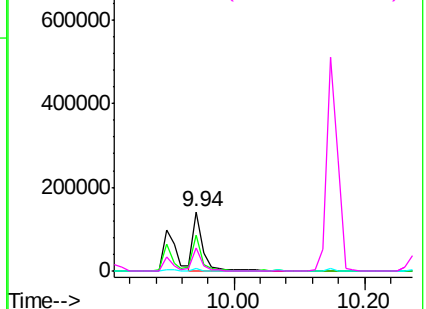


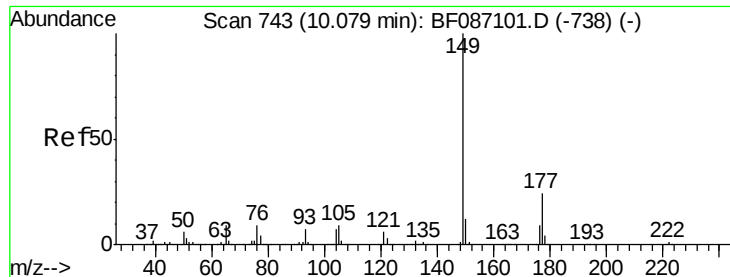
Abundance Ion 232.00 (231.70 to 232.70): E

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

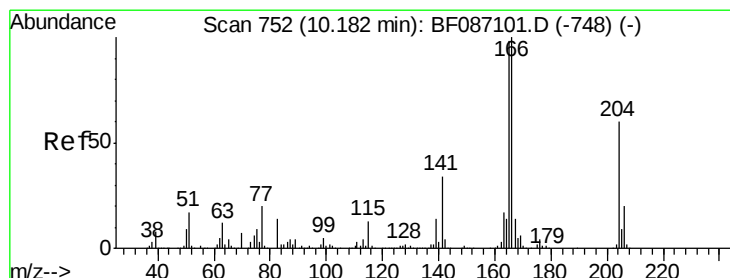
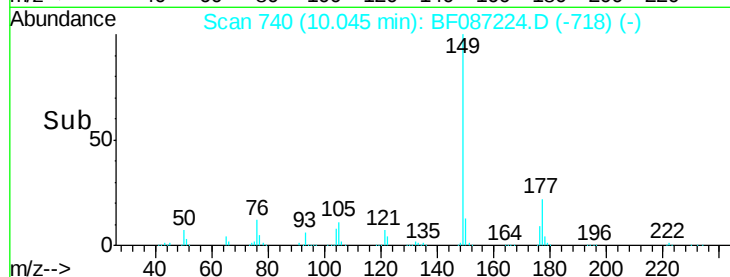
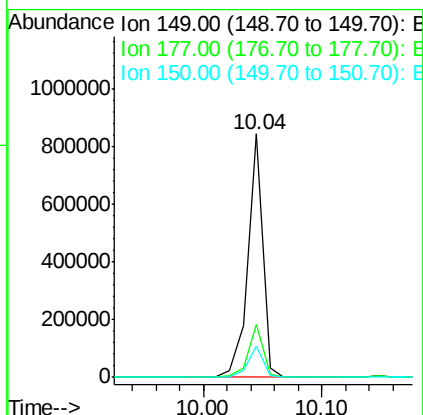
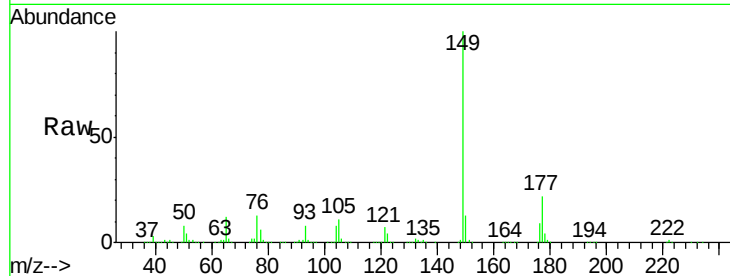




#59
Diethylphthalate
Concen: 44.12 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.05 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

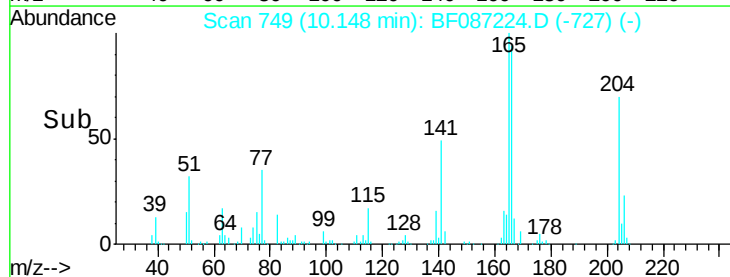
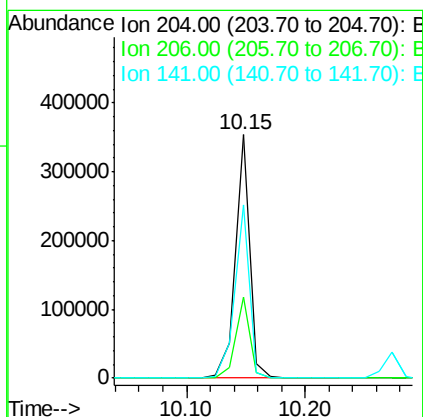
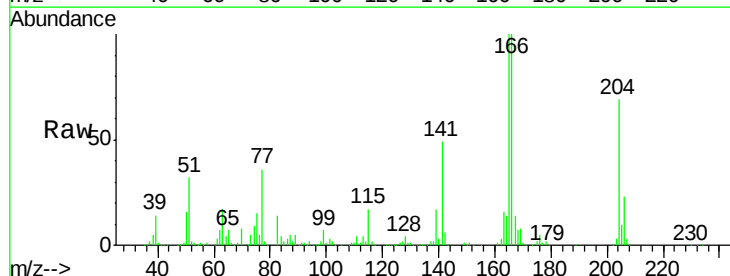
Instrument :
BNA_F
ClientSampled :

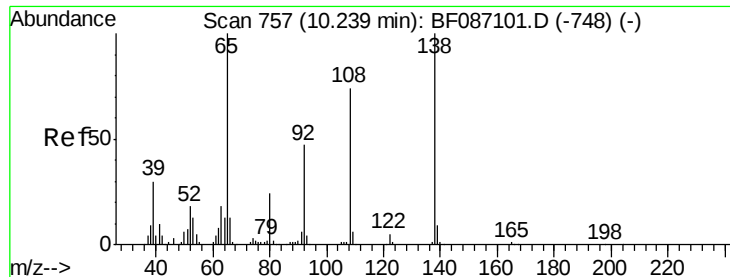
Tot Ion:149 Resp: 744372
Ion Ratio Lower Upper
149 100
177 21.6 16.6 24.8
150 12.9 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 42.77 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.05 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Tgt Ion:204 Resp: 296334
Ion Ratio Lower Upper
204 100
206 33.1 25.4 38.0
141 71.1 61.6 92.4

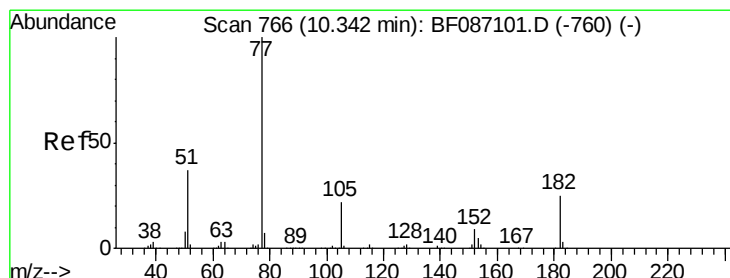
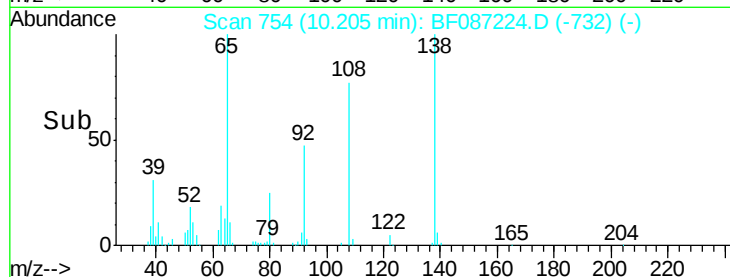
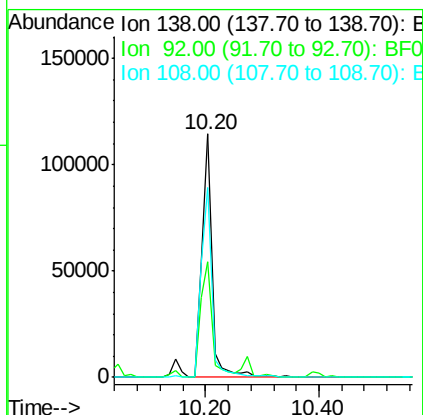
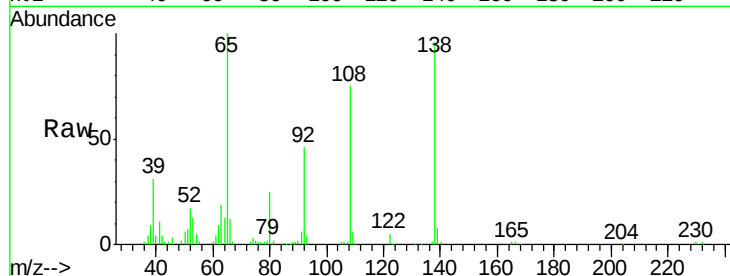




#61
4-Nitroaniline
Concen: 33.44 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.05 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

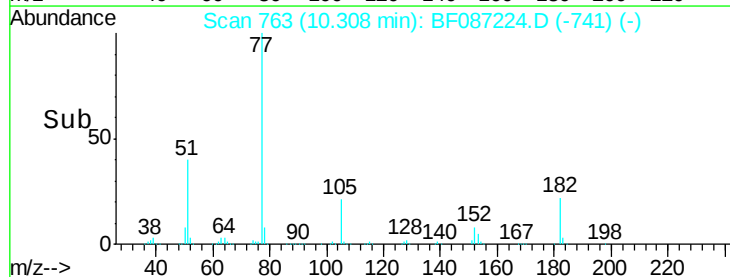
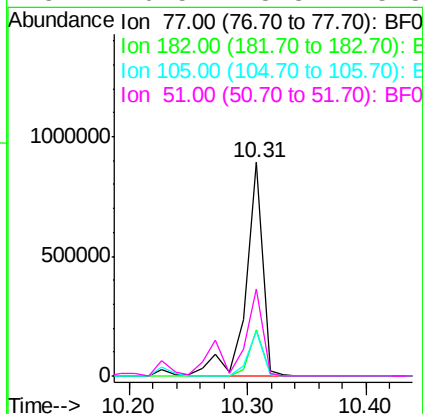
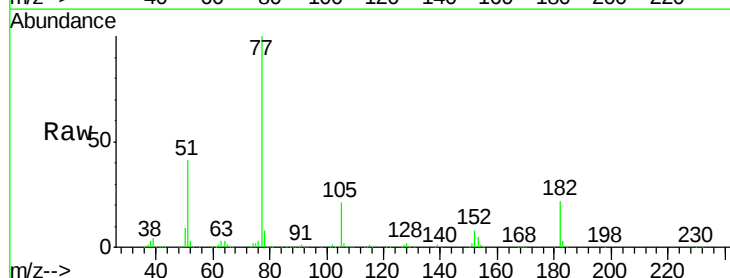
Instrument :
BNA_F
ClientSampleId :

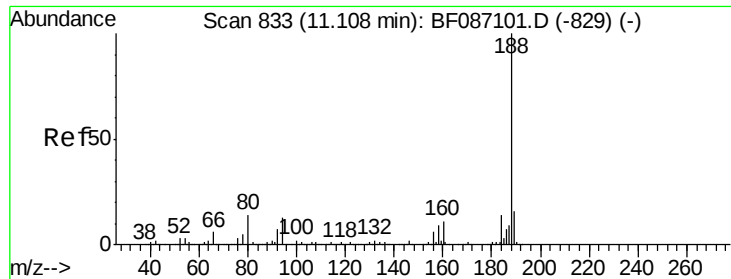
Tot Ion:138 Resp: 137137
Ion Ratio Lower Upper
138 100
92 47.6 24.7 64.7
108 78.2 37.4 77.4#



#62
Azobenzene
Concen: 45.16 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.05 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Tgt Ion: 77 Resp: 877879
Ion Ratio Lower Upper
77 100
182 21.8 0.0 38.8
105 21.1 3.2 43.2
51 40.5 8.8 48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.03 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Instrument :
BNA_F
ClientSampled :

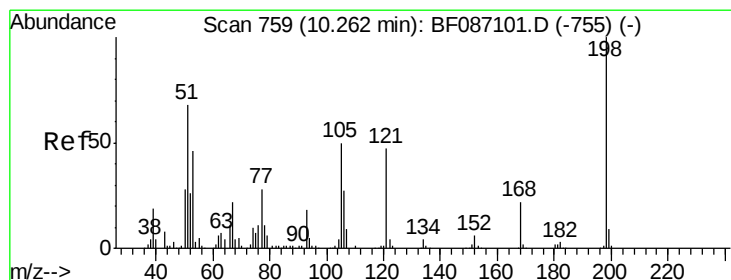
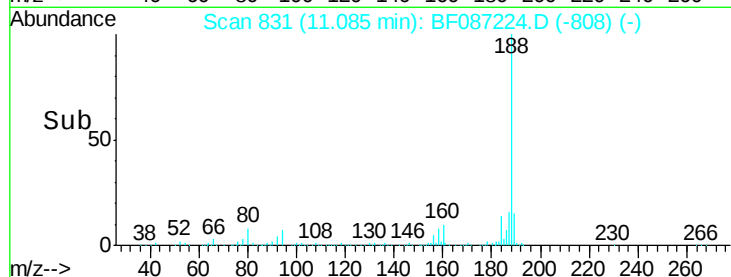
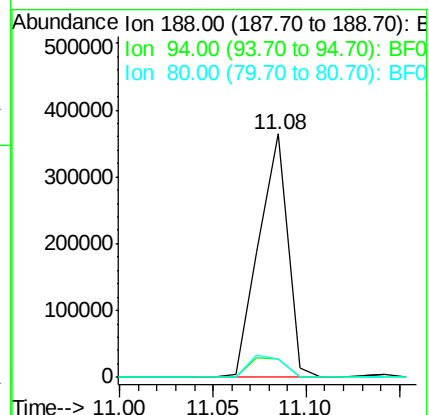
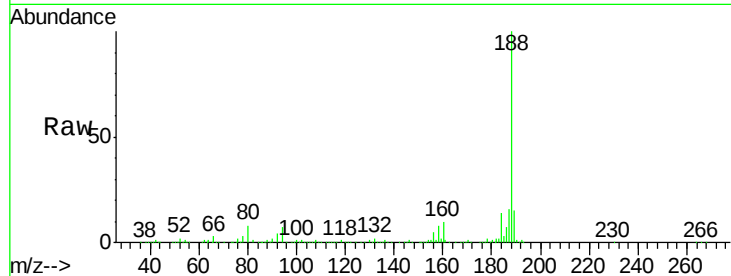
Tot Ion:188 Resp: 391649

Ion Ratio Lower Upper

188 100

94 7.4 6.8 10.2

80 7.6 7.1 10.7



#64

4,6-Dinitro-2-methylphenol

Concen: 29.35 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.05 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

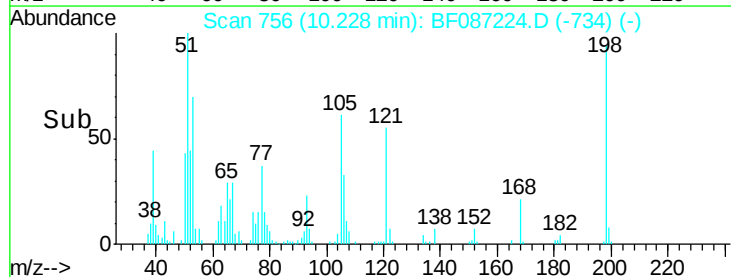
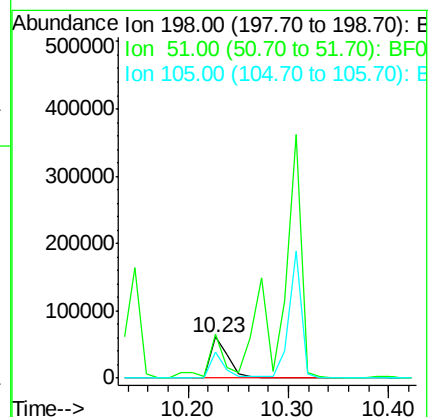
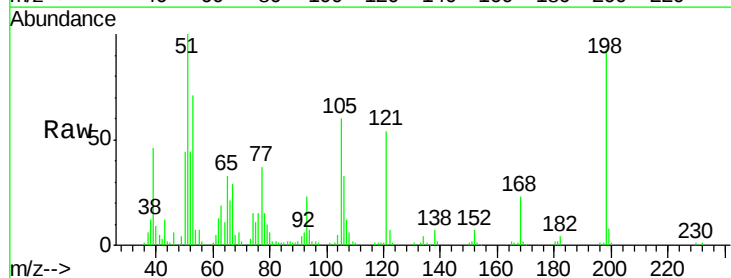
Tgt Ion:198 Resp: 75699

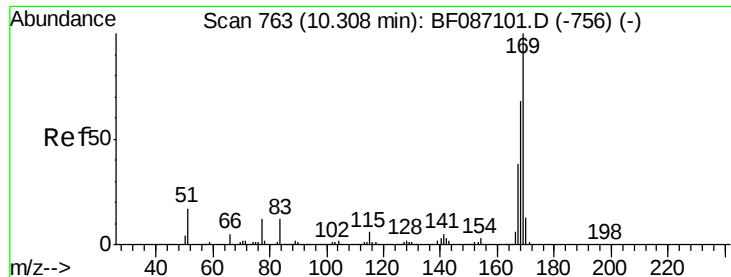
Ion Ratio Lower Upper

198 100

51 107.5 20.5 60.5#

105 64.5 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 46.46 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.05 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Instrument :

BNA_F

ClientSampleId :

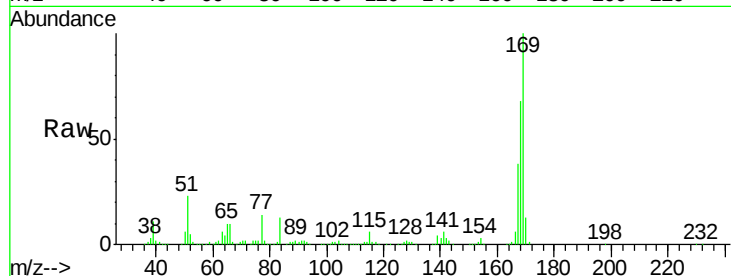
Tot Ion:169 Resp: 572626

Ion Ratio Lower Upper

169 100

168 67.7 53.8 80.6

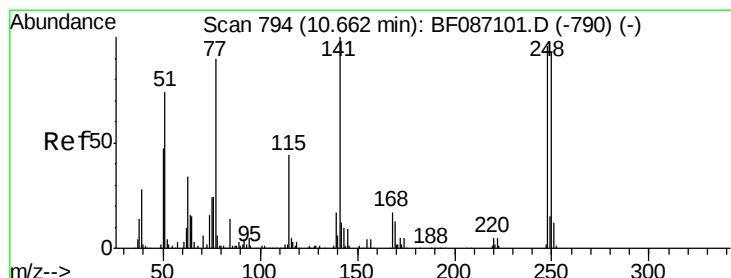
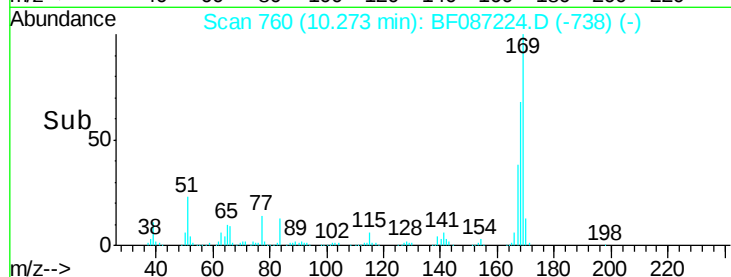
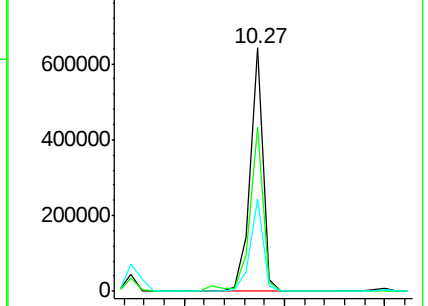
167 38.2 29.5 44.3



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: 42.58 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.05 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

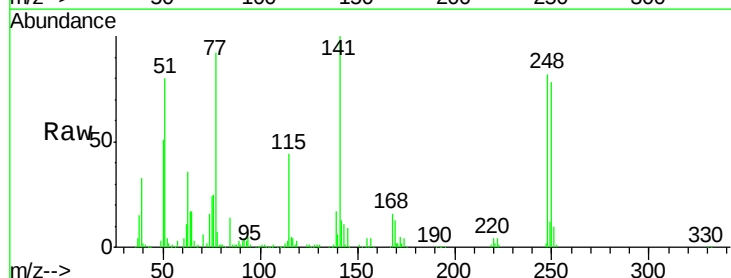
Tgt Ion:248 Resp: 171509

Ion Ratio Lower Upper

248 100

250 95.5 78.6 117.8

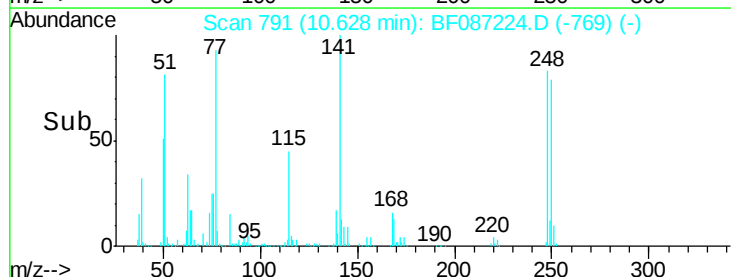
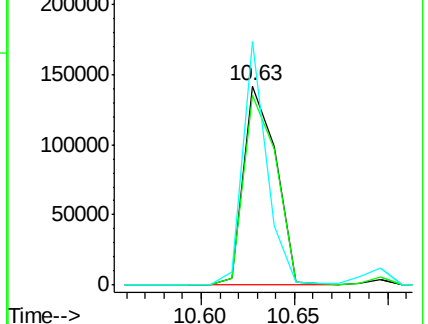
141 122.1 76.0 114.0#

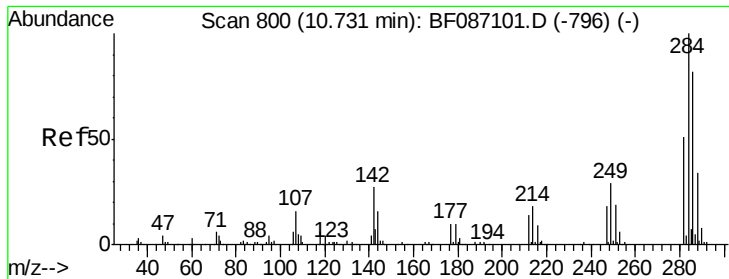


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

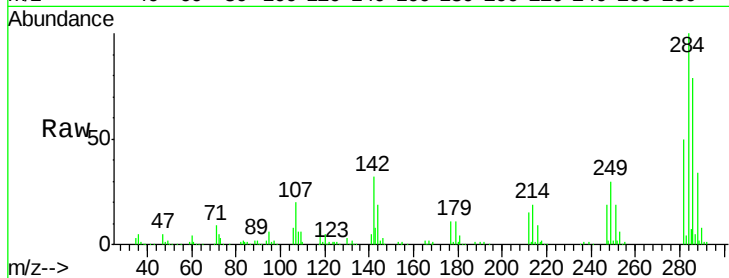




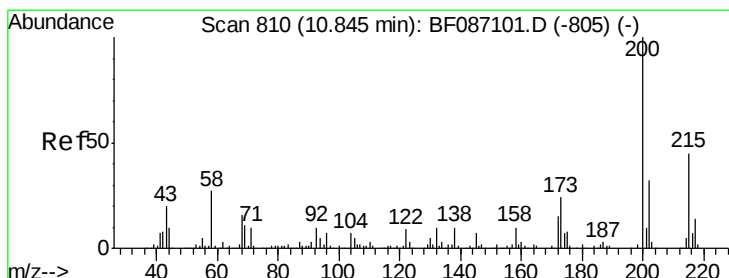
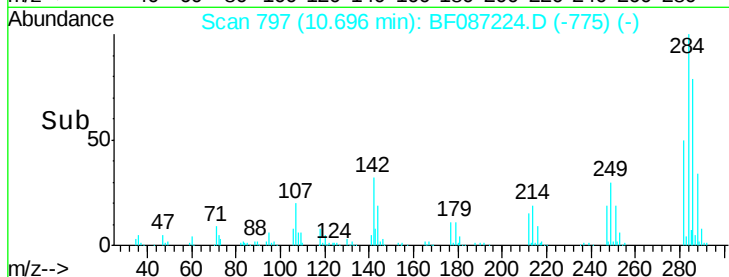
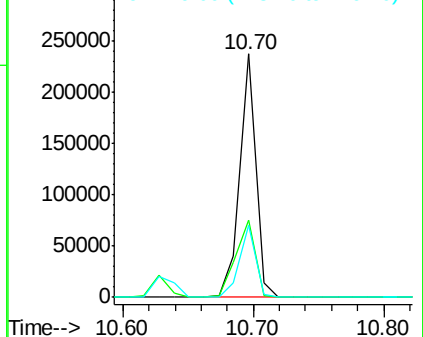
#67
Hexachlorobenzene
Concen: 43.26 ng
RT: 10.70 min Scan# 797
Delta R.T. -0.05 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 201987
Ion Ratio Lower Upper
284 100
142 31.6 16.7 25.1#
249 29.8 21.3 31.9

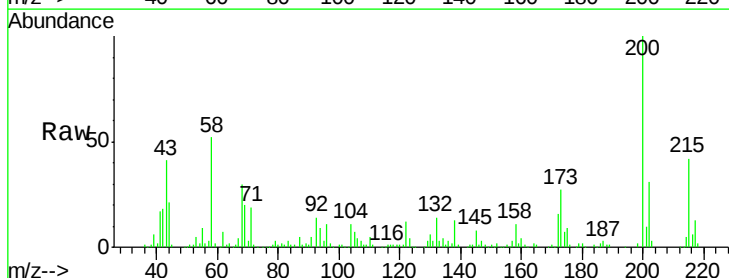


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

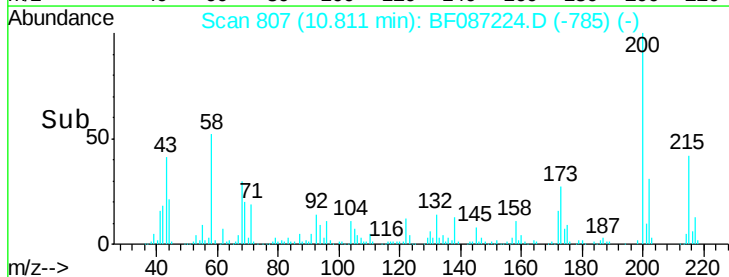
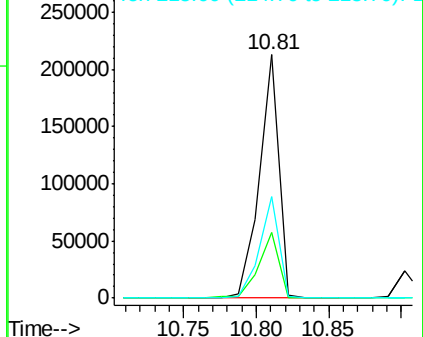


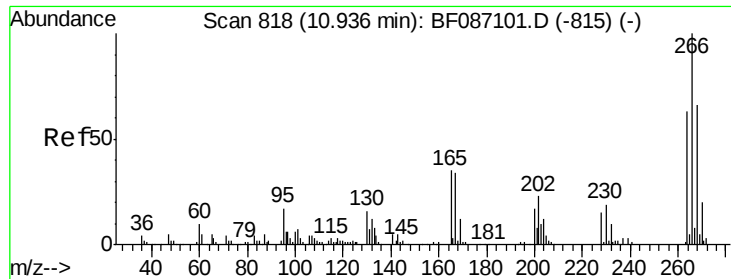
#68
Atrazine
Concen: 49.56 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Tgt Ion:200 Resp: 199242
Ion Ratio Lower Upper
200 100
173 26.9 8.5 48.5
215 41.7 27.2 67.2



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

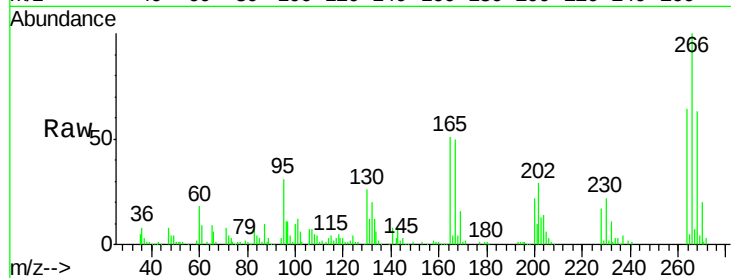




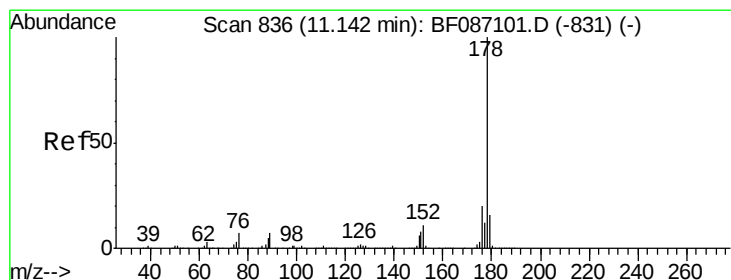
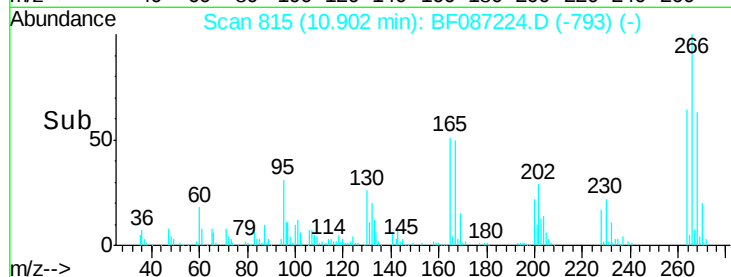
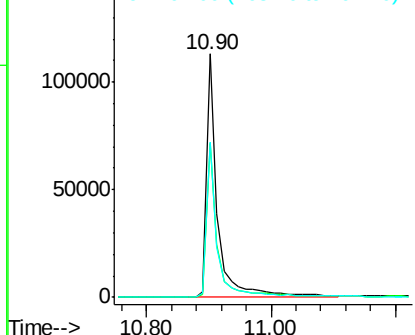
#69
 Pentachlorophenol
 Concen: 80.68 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.05 min
 Lab File: BF087224.D
 Acq: 20 May 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 141519
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.5 77.3
 264 64.0 52.9 79.3

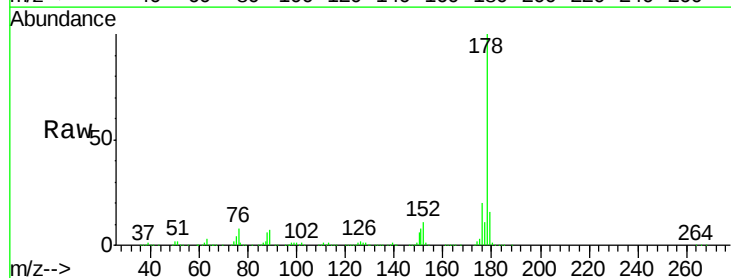


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

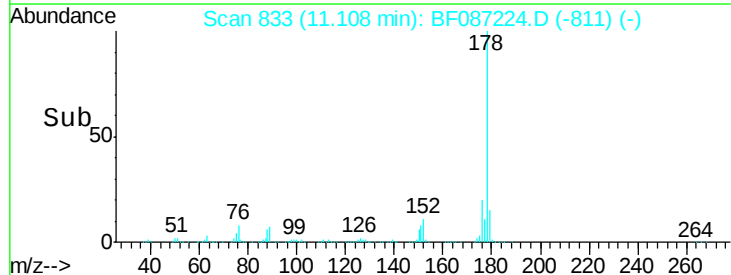
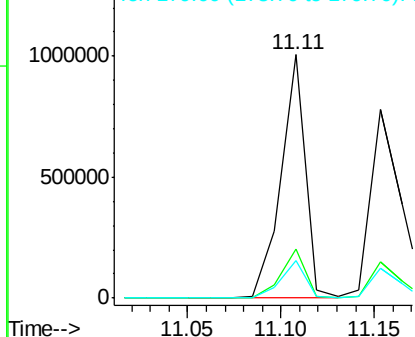


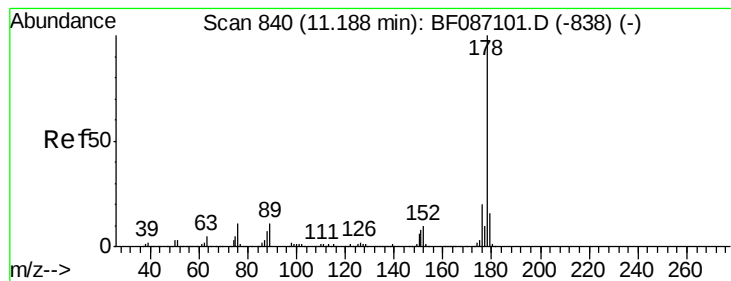
#70
 Phenanthrene
 Concen: 42.93 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.05 min
 Lab File: BF087224.D
 Acq: 20 May 2016 10:57

Tgt Ion:178 Resp: 911908
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 15.5 12.6 18.8



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





#71

Anthracene

Concen: 39.34 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.05 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Instrument :

BNA_F

ClientSampleId :

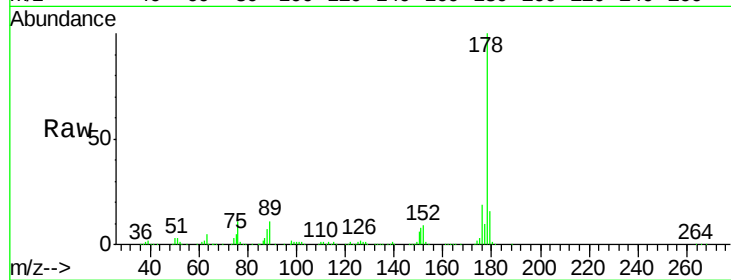
Tot Ion:178 Resp: 845202

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

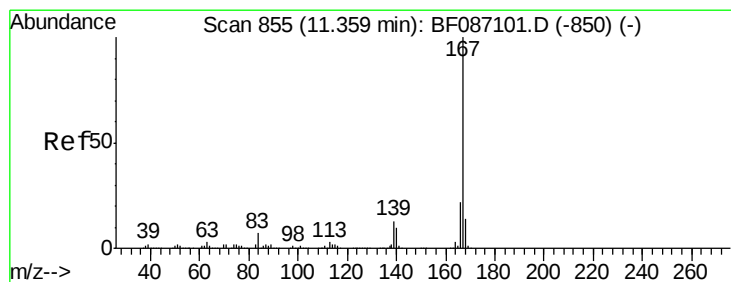
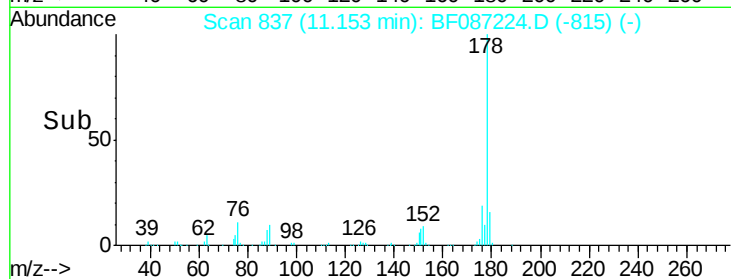
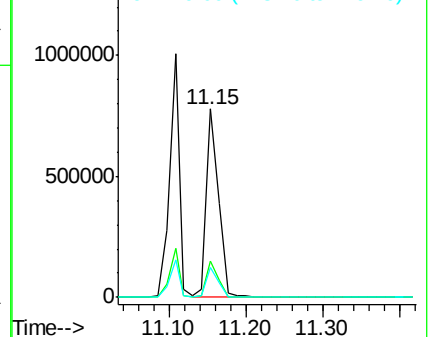
179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.13 ng

RT: 11.32 min Scan# 852

Delta R.T. -0.05 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

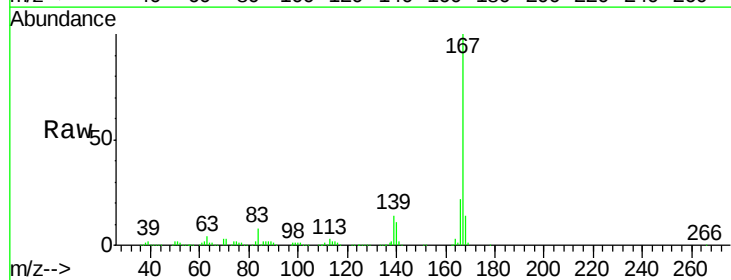
Tgt Ion:167 Resp: 787590

Ion Ratio Lower Upper

167 100

166 21.7 17.7 26.5

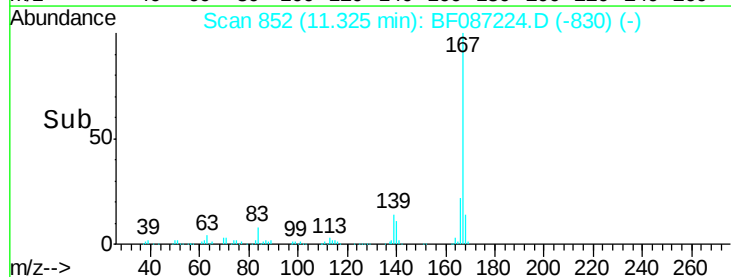
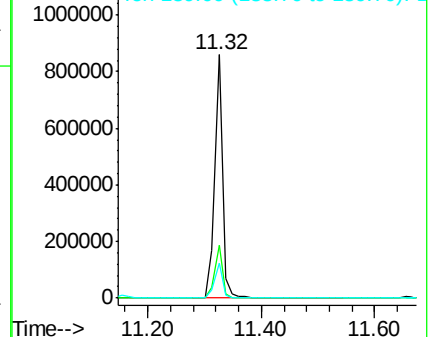
139 14.2 10.8 16.2

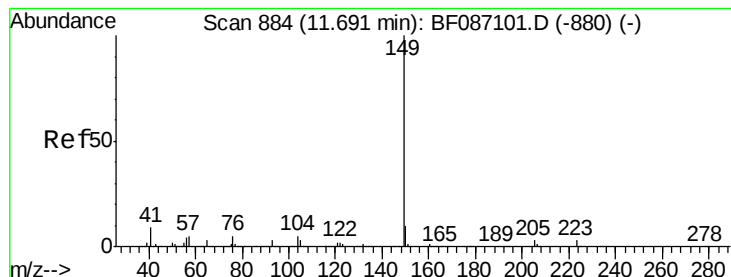


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.56 ng

RT: 11.66 min Scan# 881

Delta R.T. -0.05 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Instrument :

BNA_F

ClientSampleId :

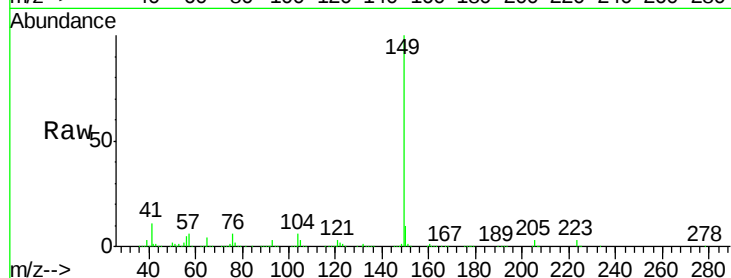
Tot Ion:149 Resp: 1072157

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

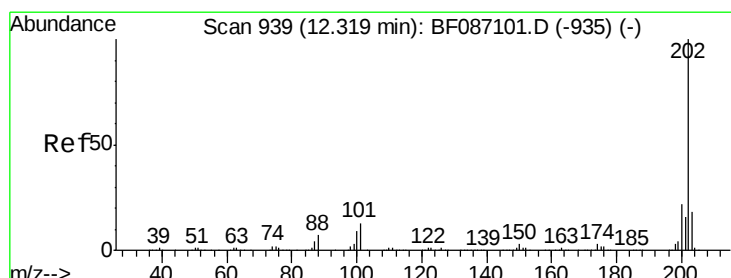
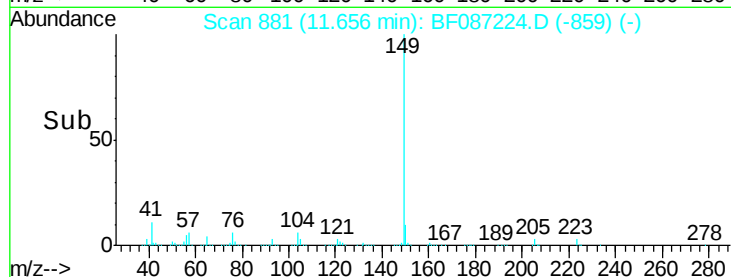
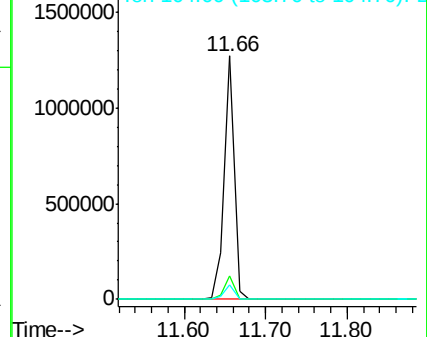
104 5.7 3.8 5.6#



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: 35.39 ng

RT: 12.28 min Scan# 936

Delta R.T. -0.05 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

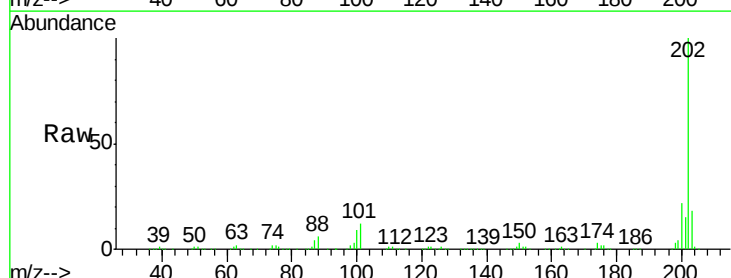
Tgt Ion:202 Resp: 753176

Ion Ratio Lower Upper

202 100

101 11.8 0.0 35.4

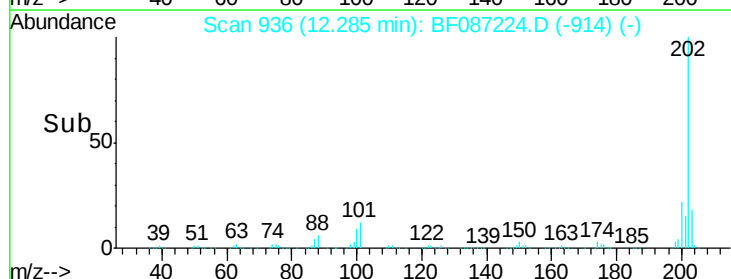
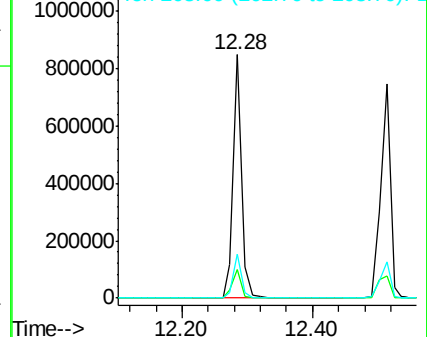
203 18.2 0.0 38.1

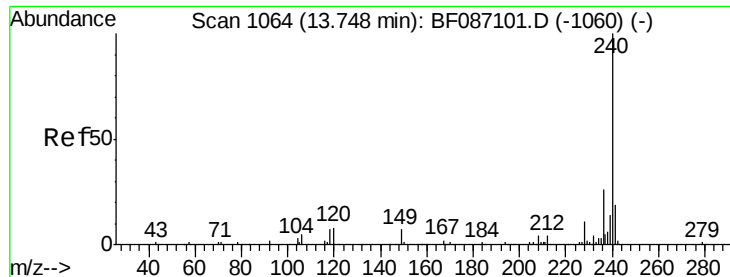


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.70 min Scan# 1060

Delta R.T. -0.06 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Instrument :

BNA_F

ClientSampleId :

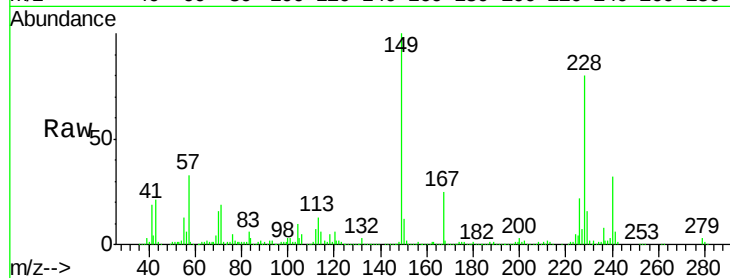
Tot Ion:240 Resp: 228086

Ion Ratio Lower Upper

240 100

120 18.5 11.2 16.8#

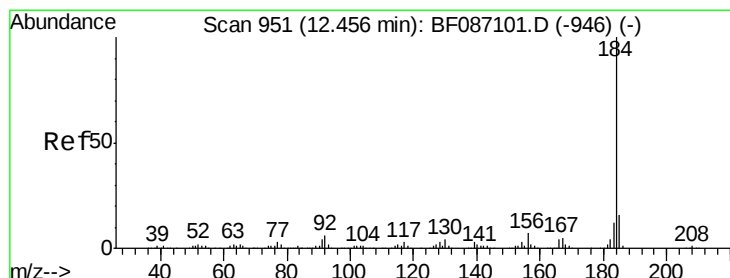
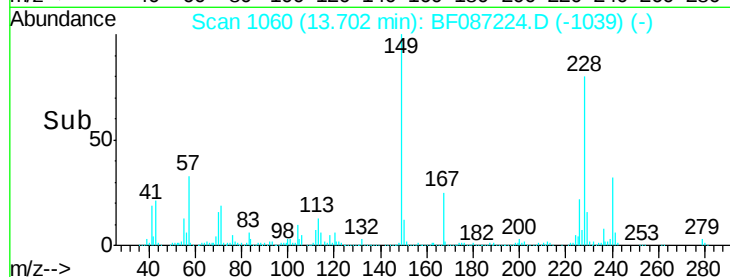
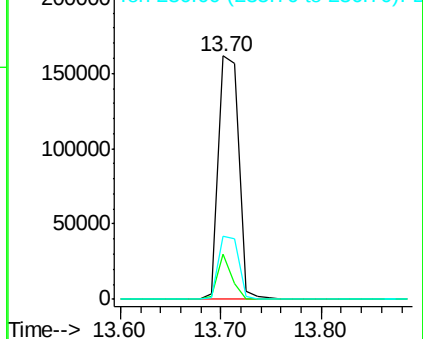
236 25.9 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 60.58 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

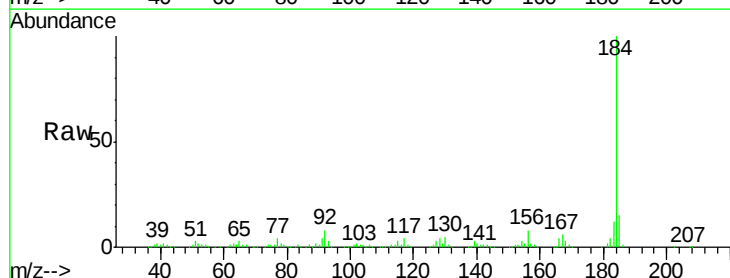
Tgt Ion:184 Resp: 318183

Ion Ratio Lower Upper

184 100

185 14.6 13.6 20.4

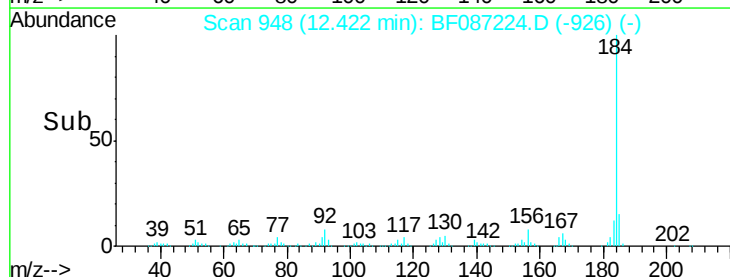
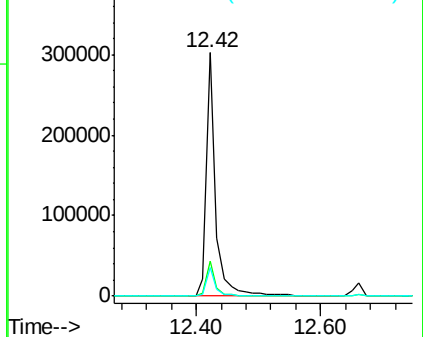
183 11.6 9.8 14.6

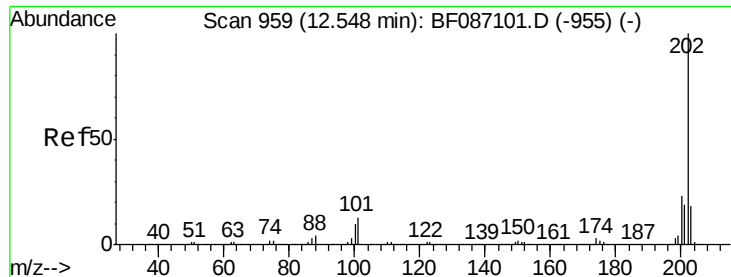


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

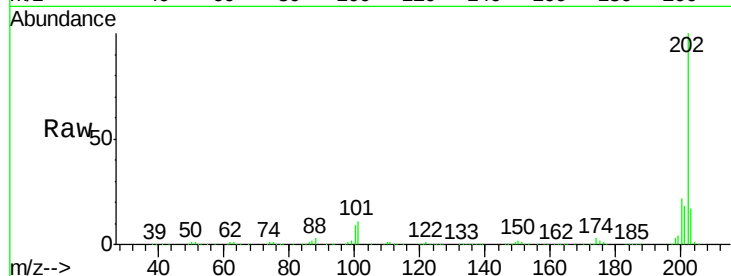




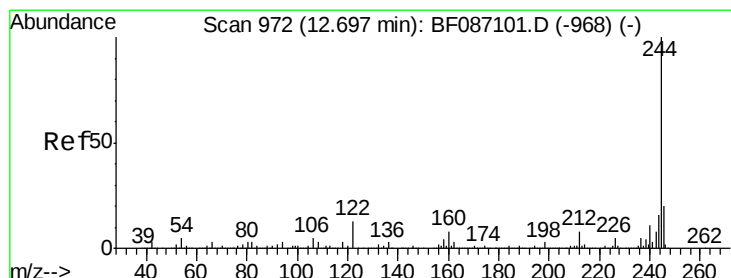
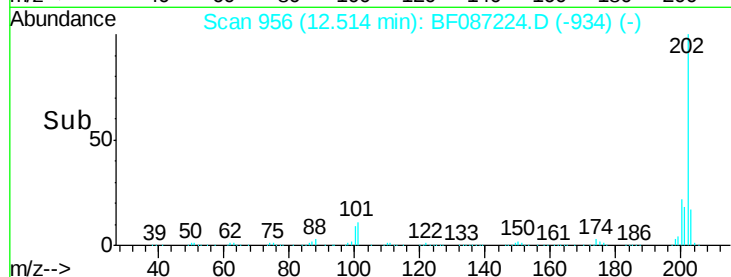
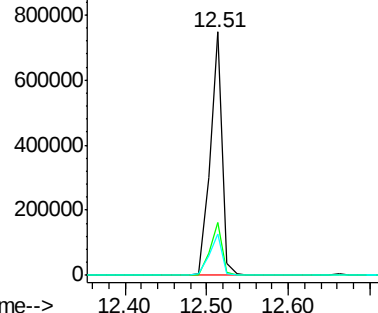
#77
Pvrene
Concen: 45.94 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.05 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	17.2	14.2	21.4

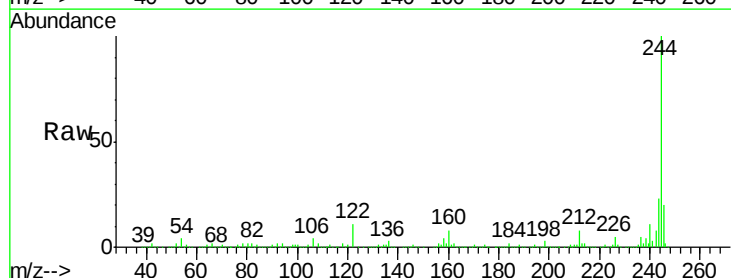


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

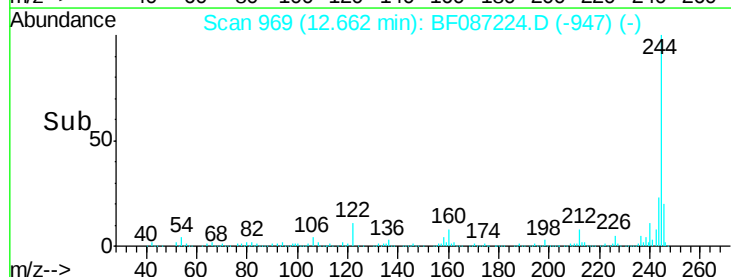
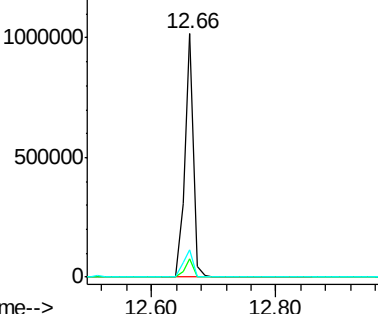


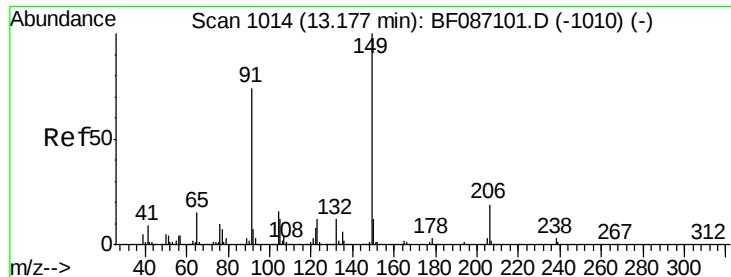
#78
Terphenyl-d14
Concen: 94.52 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.05 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	11.0	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: 52.65 ng

RT: 13.14 min Scan# 1011

Delta R.T. -0.05 min

Lab File: BF087224.D

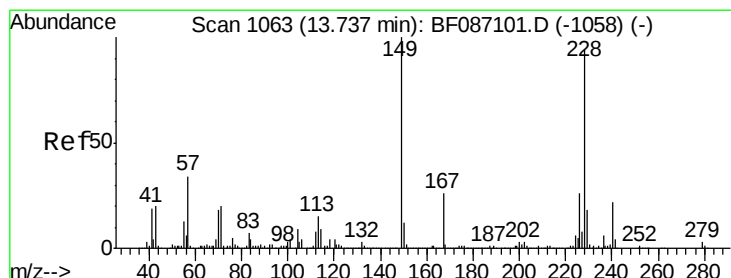
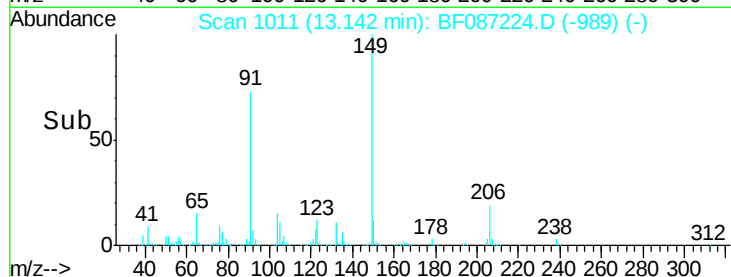
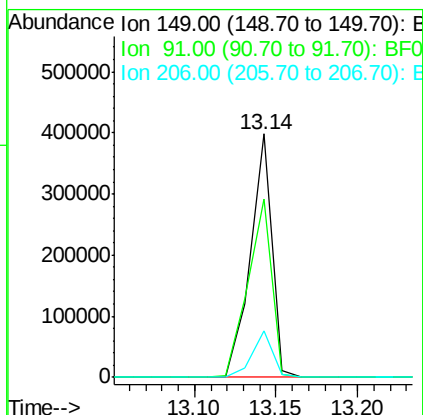
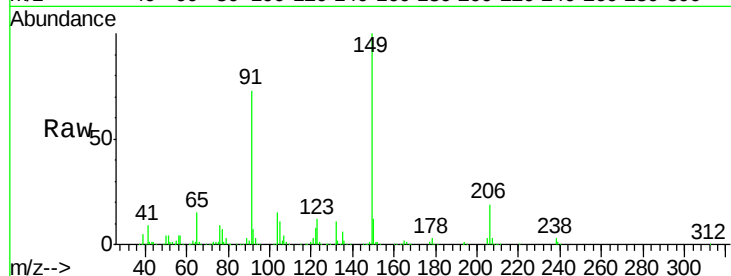
Acq: 20 May 2016 10:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	149	Resp:	366243
Ion Ratio	Lower	Upper	
149	100		
91	73.1	48.0	72.0#
206	19.1	15.8	23.6



#80

Benzo(a)anthracene

Concen: 42.72 ng

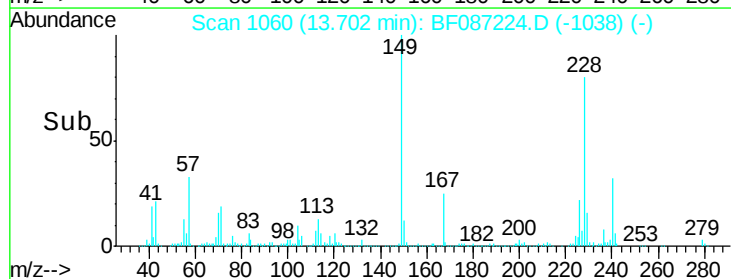
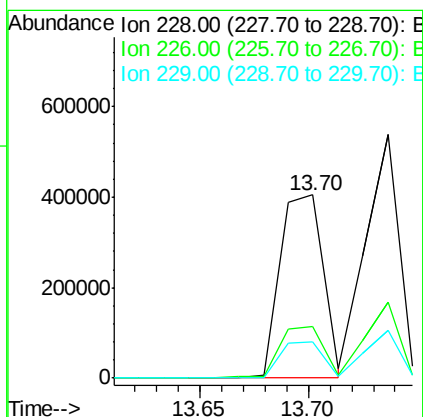
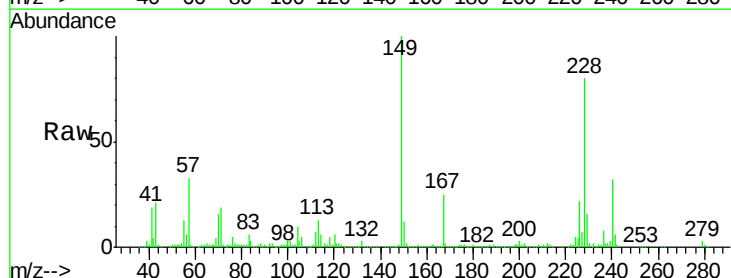
RT: 13.70 min Scan# 1060

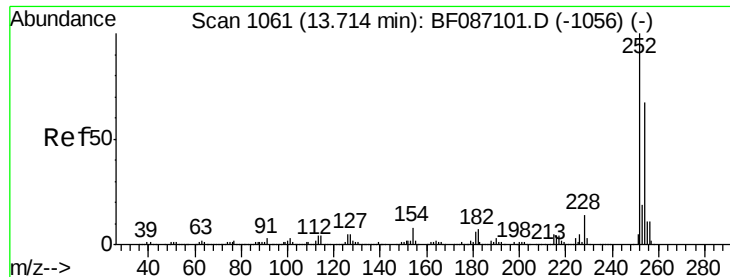
Delta R.T. -0.05 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Tgt Ion:	228	Resp:	563426
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.5	33.7
229	19.6	16.6	25.0





#81

3,3'-Dichlorobenzidine

Concen: 20.83 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.06 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Instrument :

BNA_F

ClientSampled :

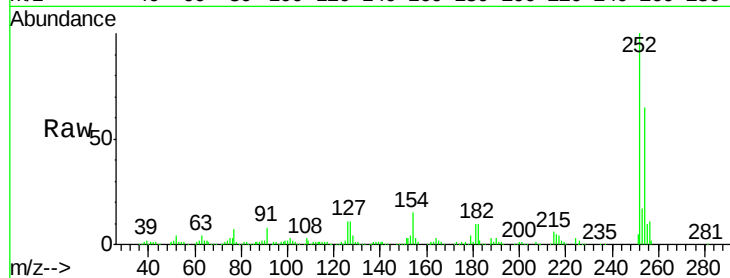
Tot Ion:252 Resp: 174772

Ion Ratio Lower Upper

252 100

254 64.8 50.7 76.1

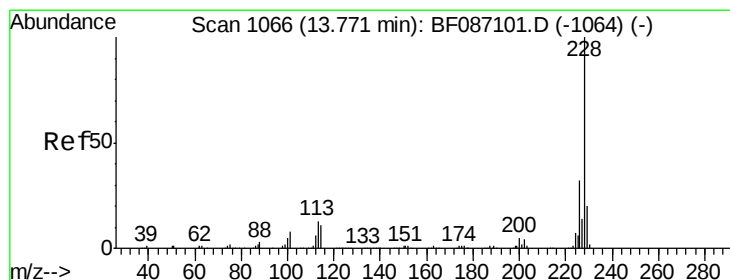
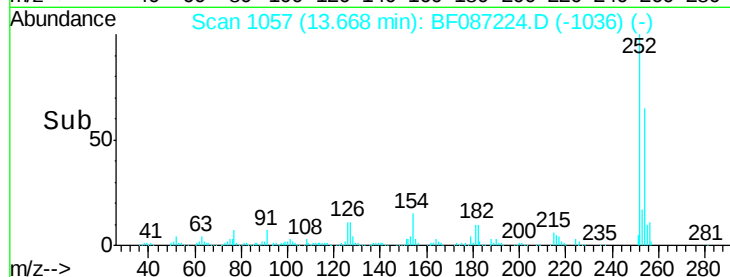
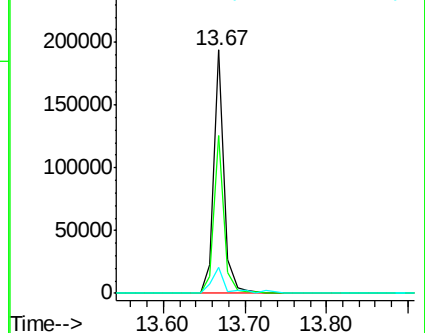
126 10.8 12.7 19.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 45.71 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.05 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

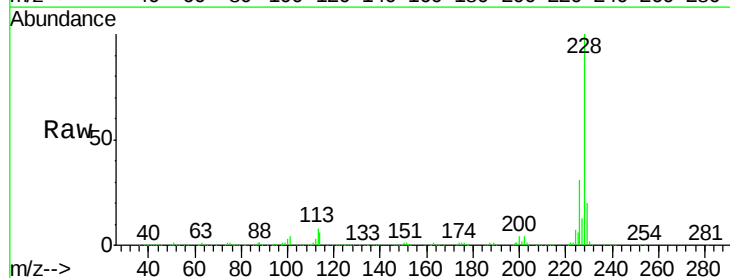
Tgt Ion:228 Resp: 583235

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

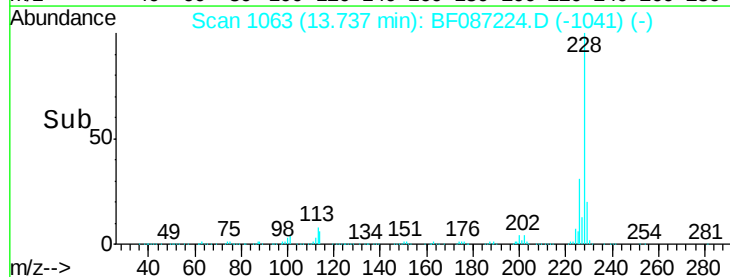
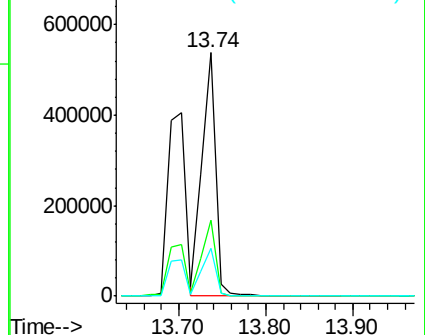
229 19.9 15.8 23.8

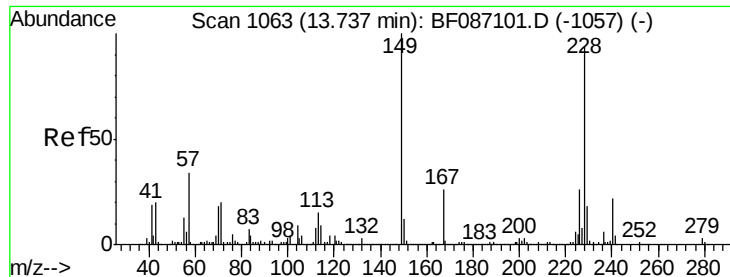


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

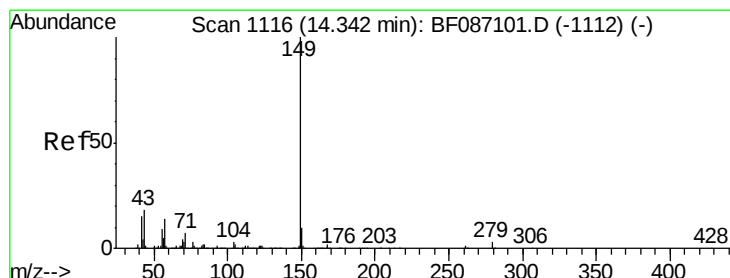
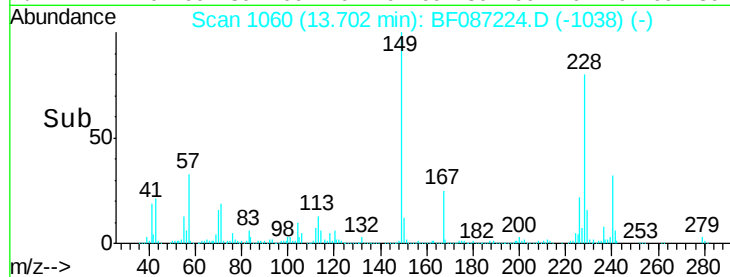
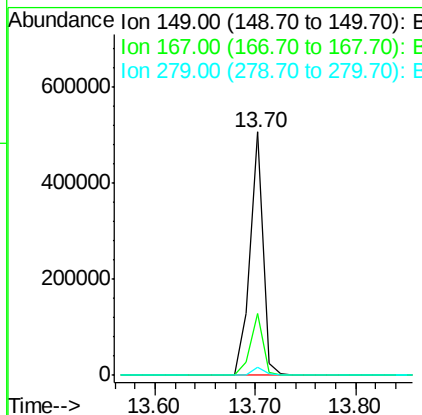
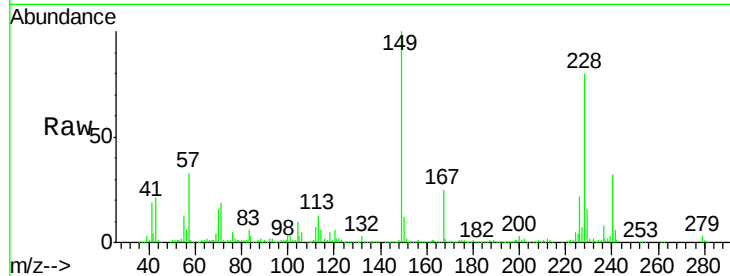




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.11 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.05 min
 Lab File: BF087224.D
 Acq: 20 May 2016 10:57

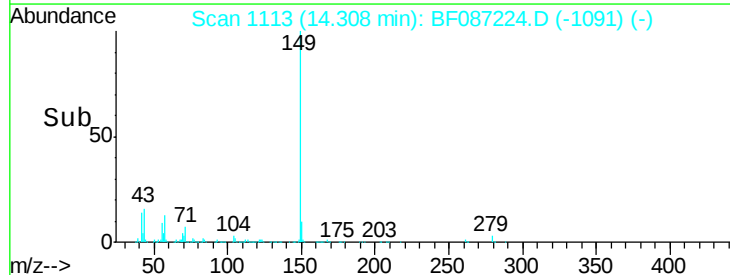
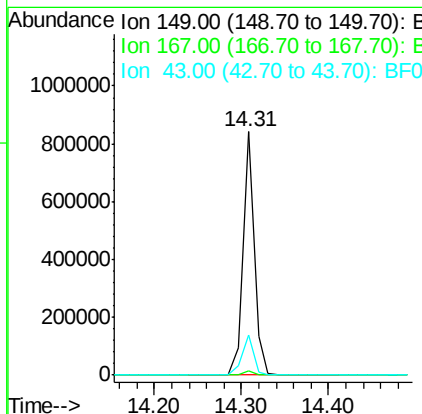
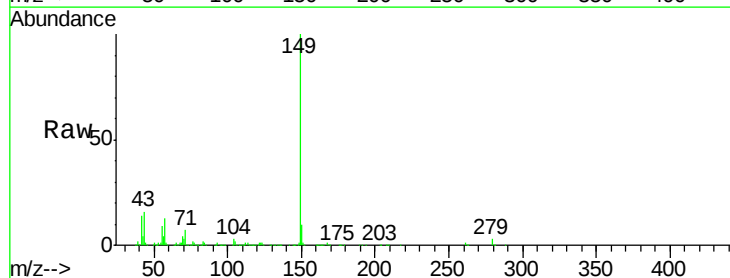
Instrument :
 BNA_F
 ClientSampleId :

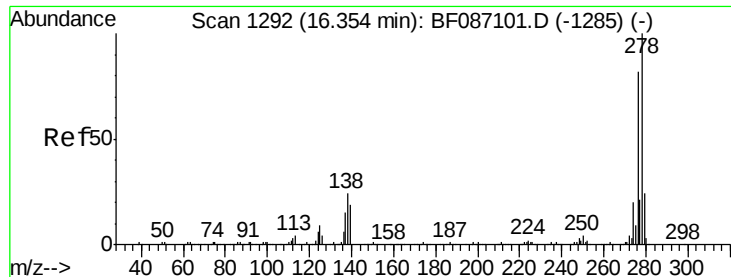
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.8	32.6
279	3.2	2.6	4.0



#84
 Di-n-octyl phthalate
 Concen: 51.01 ng
 RT: 14.31 min Scan# 1113
 Delta R.T. -0.05 min
 Lab File: BF087224.D
 Acq: 20 May 2016 10:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	16.6	8.2	12.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.60 ng

RT: 16.30 min Scan# 1287

Delta R.T. -0.07 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Instrument :

BNA_F

ClientSampleId :

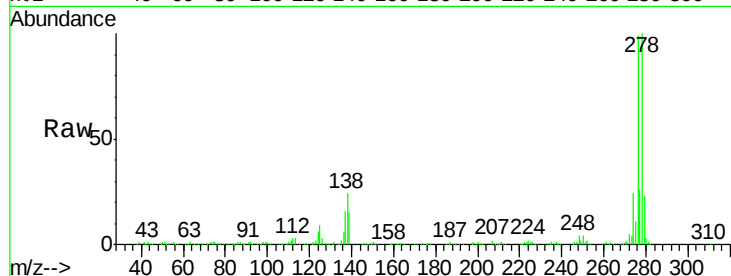
Tot Ion:276 Resp: 510662

Ion Ratio Lower Upper

276 100

138 26.7 25.6 38.4

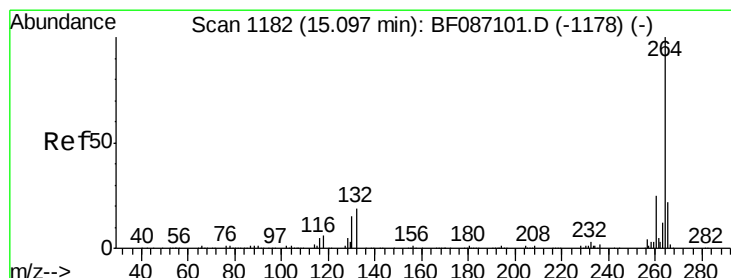
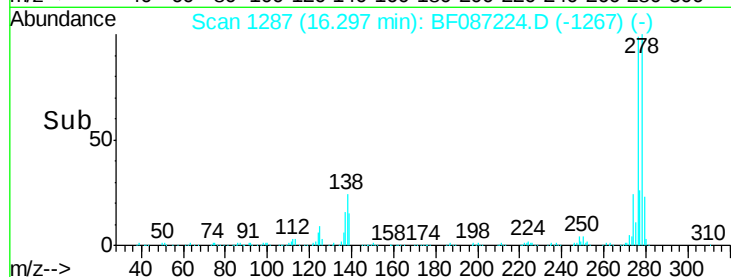
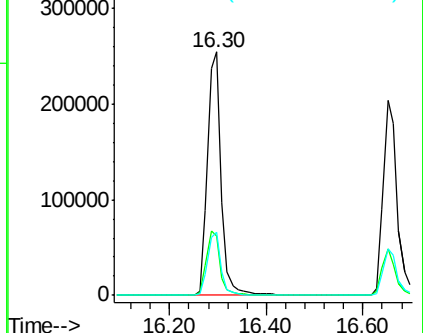
277 25.4 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

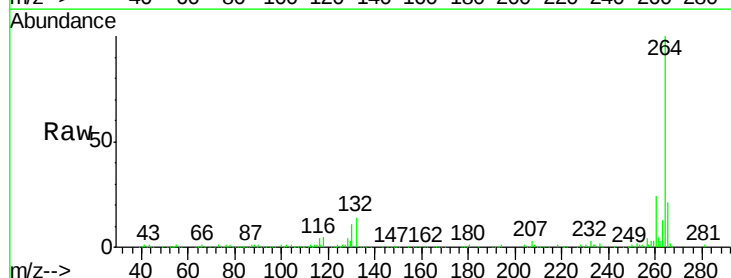
Tgt Ion:264 Resp: 248761

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

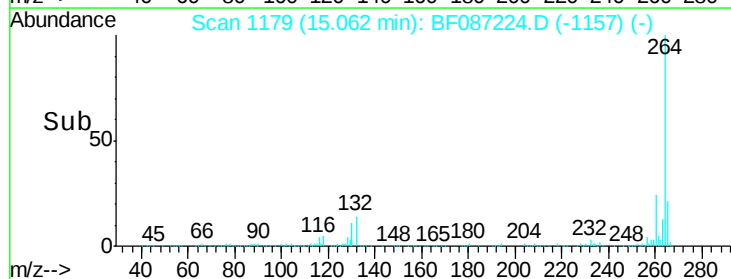
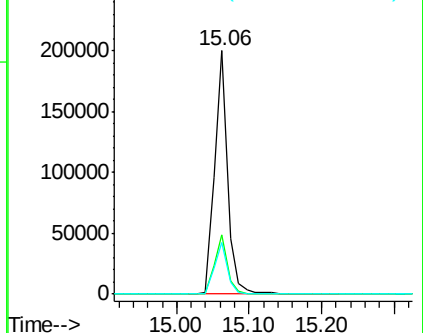
265 21.3 17.3 25.9

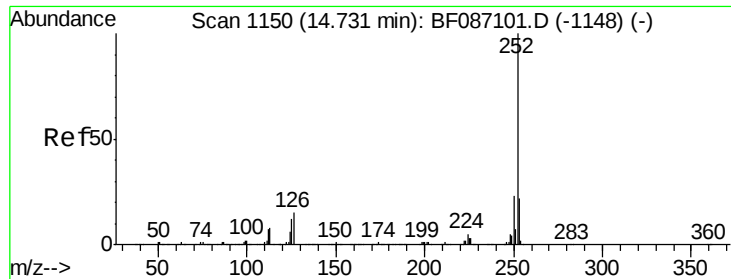


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 69.25 ng

RT: 14.70 min Scan# 1147

Delta R.T. -0.05 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

Instrument :

BNA_F

ClientSampleId :

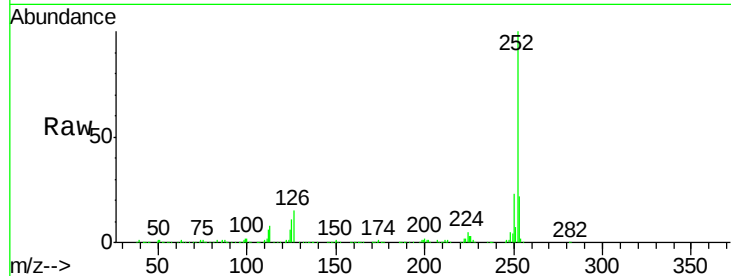
Tot Ion:252 Resp: 1142883

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

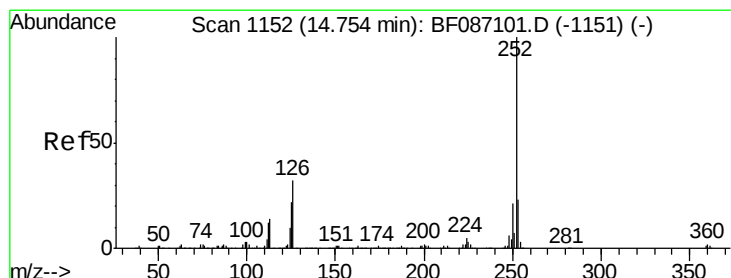
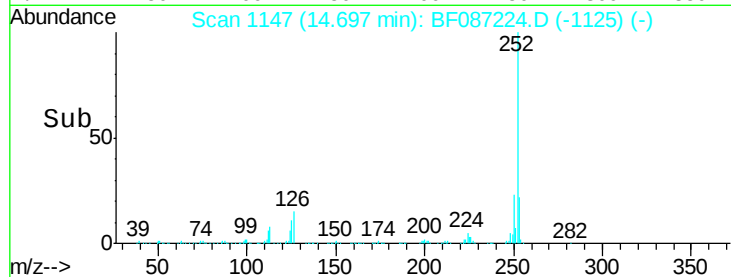
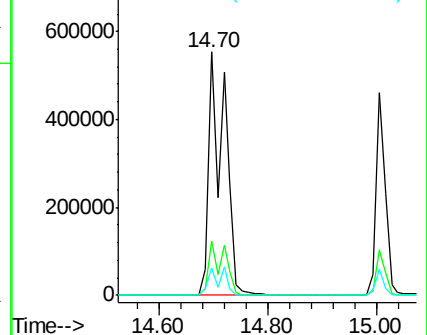
125 11.2 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 93.02 ng

RT: 14.70 min Scan# 1147

Delta R.T. -0.08 min

Lab File: BF087224.D

Acq: 20 May 2016 10:57

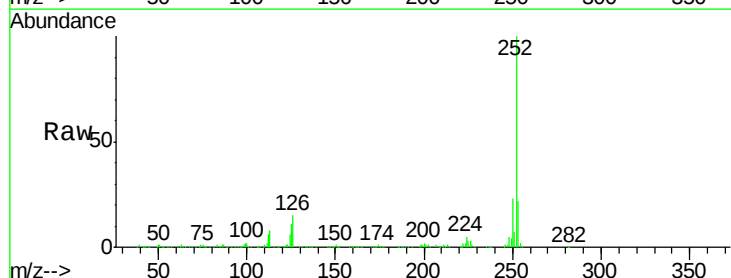
Tgt Ion:252 Resp: 1142883

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

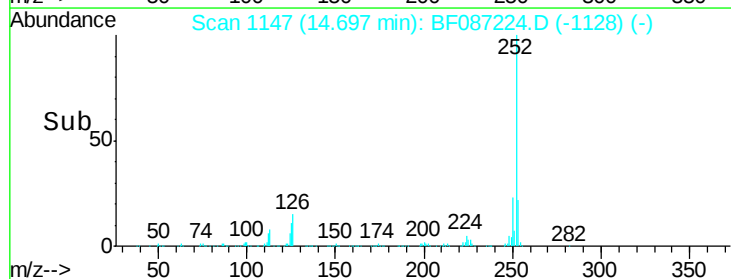
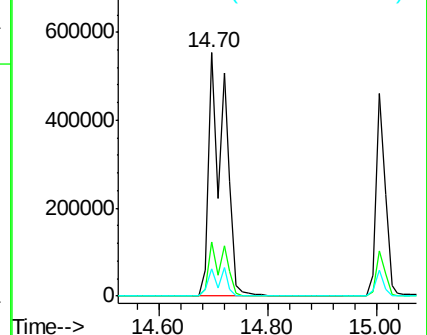
125 11.2 9.1 13.7

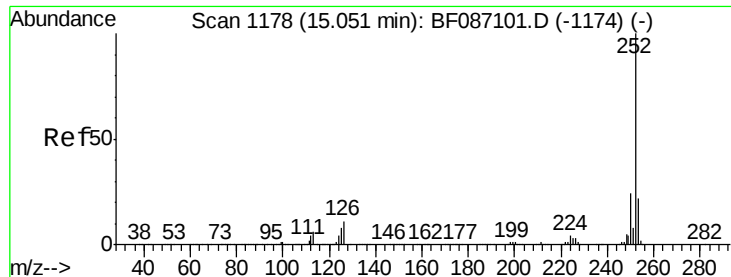


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

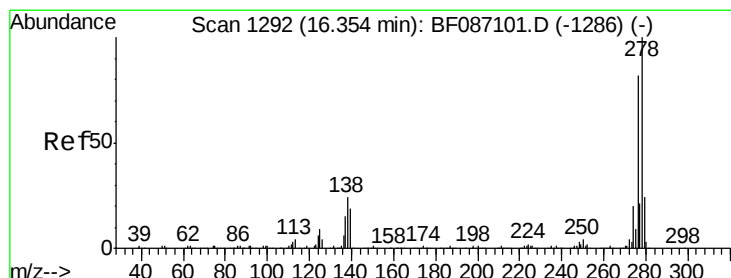
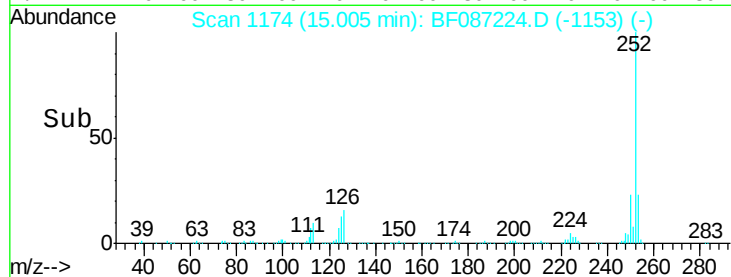
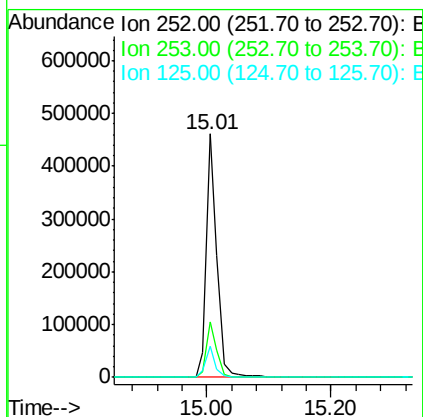
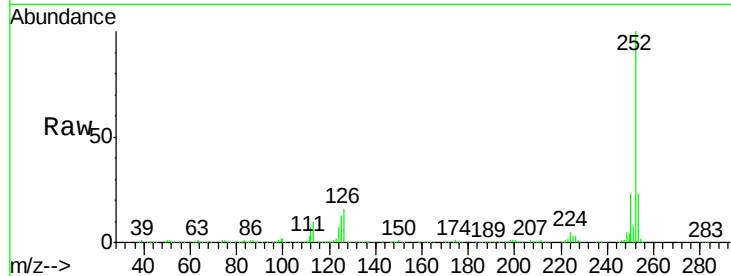




#89
Benzo(a)pyrene
Concen: 39.20 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.06 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

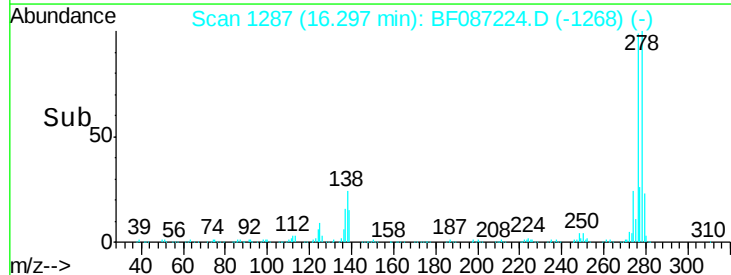
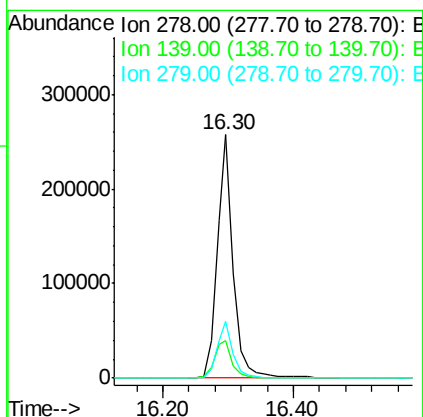
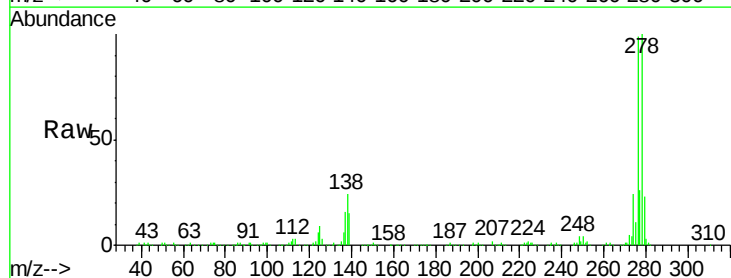
Instrument :
BNA_F
ClientSampleId :

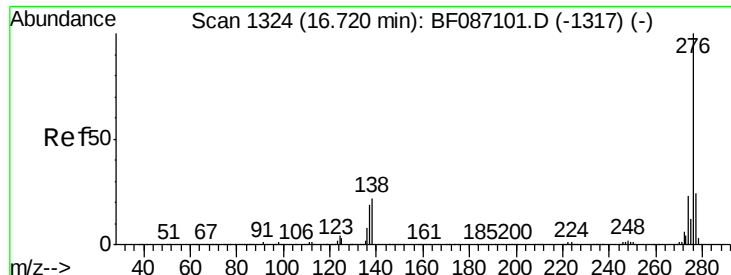
Tot Ion:252 Resp: 540755
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 12.7 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 37.75 ng
RT: 16.30 min Scan# 1287
Delta R.T. -0.08 min
Lab File: BF087224.D
Acq: 20 May 2016 10:57

Tgt Ion:278 Resp: 438418
Ion Ratio Lower Upper
278 100
139 15.2 16.6 24.8#
279 23.4 19.6 29.4

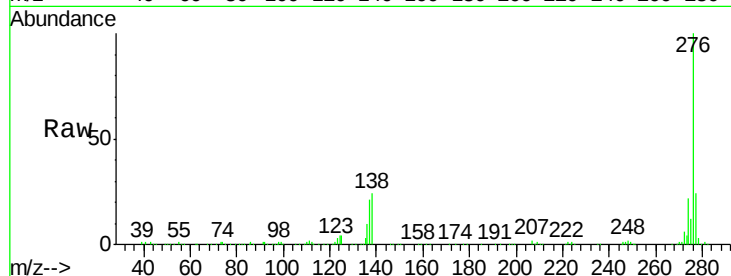




#91
 Benzo(a,h,i)perylene
 Concen: 35.91 ng
 RT: 16.65 min Scan# 1318
 Delta R.T. -0.09 min
 Lab File: BF087224.D
 Acq: 20 May 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 421268
 Ion Ratio Lower Upper
 276 100
 277 23.7 19.6 29.4
 138 24.0 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

