

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087236.D
 Acq On : 20 May 2016 20:55
 Operator : UM/SJ
 Sample : PB90711BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90711BS

Quant Time: May 21 00:37:47 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	6.56	152	141510	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	611928	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	298433	20.00	ng	-0.06
63) Phenanthrene-d10	11.07	188	579512	20.00	ng	-0.05
75) Chrysene-d12	13.69	240	394374	20.00	ng	-0.07
86) Perylene-d12	15.04	264	317275	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	862943	102.50	ng	-0.06
7) Phenol-d6	6.23	99	1059192	93.80	ng	-0.06
23) Nitrobenzene-d5	7.13	82	789531	64.30	ng	-0.06
41) 2,4,6-Tribromophenol	10.39	330	324566	98.42	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	1282518	71.17	ng	-0.06
78) Terphenyl-d14	12.65	244	1273053	73.02	ng	-0.06

Target Compounds						Qvalue
2) 1,4-Dioxane	2.04	88	105148	24.28	ng	# 56
3) Pyridine	2.66	79	257480	24.58	ng	# 66
4) n-Nitrosodimethylamine	2.63	42	238571	32.14	ng	# 51
6) Aniline	6.23	93	239039	16.67	ng	# 68
8) 2-Chlorophenol	6.34	128	335816	32.78	ng	# 79
9) Benzaldehyde	6.11	77	61730	8.02	ng	98
10) Phenol	6.24	94	433128	30.51	ng	# 64
11) bis(2-Chloroethyl)ether	6.31	93	346571	32.52	ng	93
12) 1,3-Dichlorobenzene	6.49	146	335924m	30.85	ng	
13) 1,4-Dichlorobenzene	6.57	146	352889m	31.67	ng	
14) 1,2-Dichlorobenzene	6.73	146	308531	31.63	ng	96
15) Benzyl Alcohol	6.73	79	301200	35.83	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.86	45	666407	30.41	ng	66
17) 2-Methylphenol	6.86	107	276576	32.88	ng	# 78
18) Hexachloroethane	7.06	117	136443	32.04	ng	94
19) n-Nitroso-di-n-propylamine	6.99	70	295207	34.39	ng	# 73
20) 3+4-Methylphenols	7.02	107	396927	35.77	ng	# 59
22) Acetophenone	6.98	105	479291	32.01	ng	# 98
24) Nitrobenzene	7.15	77	406032	30.29	ng	97
25) Isophorone	7.39	82	727227	32.36	ng	97
26) 2-Nitrophenol	7.47	139	184428	33.21	ng	# 80
27) 2,4-Dimethylphenol	7.53	122	310667	32.78	ng	# 85
28) bis(2-Chloroethoxy)methane	7.61	93	417303	33.82	ng	# 98
29) 2,4-Dichlorophenol	7.72	162	305648	36.60	ng	97
30) 1,2,4-Trichlorobenzene	7.79	180	306694	33.09	ng	98
31) Naphthalene	7.86	128	959841	32.10	ng	99
32) Benzoic acid	7.70	122	165881	29.36	ng	# 82
33) 4-Chloroaniline	7.94	127	121042	9.74	ng	# 94
34) Hexachlorobutadiene	7.99	225	181313	34.48	ng	96
35) Caprolactam	8.32	113	93257m	33.53	ng	
36) 4-Chloro-3-methylphenol	8.44	107	355094	35.25	ng	92
37) 2-Methylnaphthalene	8.56	142	672352	35.16	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	284154	32.60	ng	98
40) Hexachlorocyclopentadiene	8.71	237	214041	65.20	ng	95

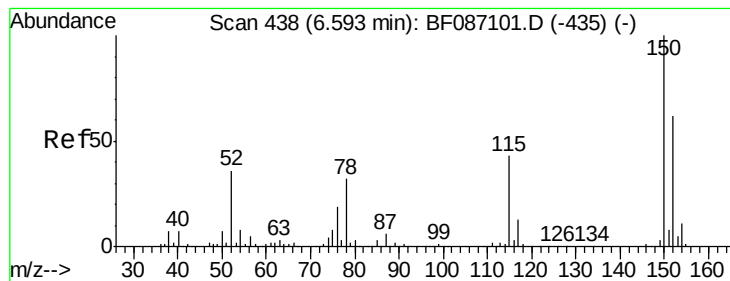
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	182638	32.31	nq	93
43) 2,4,5-Trichlorophenol	8.90	196	197139	33.57	nq	# 94
45) 1,1'-Biphenyl	9.03	154	843909	34.10	nq	99
46) 2-Chloronaphthalene	9.05	162	609379	32.08	nq	96
47) 2-Nitroaniline	9.15	65	237804	32.67	nq	# 66
48) Acenaphthylene	9.45	152	910661	31.39	nq	99
49) Dimethylphthalate	9.34	163	773793	33.99	nq	100
50) 2,6-Dinitrotoluene	9.40	165	184279	37.28	nq	95
51) Acenaphthene	9.62	154	566492	31.26	nq	98
52) 3-Nitroaniline	9.58	138	79230	14.81	nq	98
53) 2,4-Dinitrophenol	9.69	184	158509	57.39	nq	# 85
54) Dibenzofuran	9.79	168	831364	35.48	nq	# 88
55) 4-Nitrophenol	9.77	139	145798m	49.95	nq	
56) 2,4-Dinitrotoluene	9.80	165	207579	32.79	nq	# 63
57) Fluorene	10.14	166	620749	32.97	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	181229	39.62	nq	95
59) Diethylphthalate	10.03	149	790191	36.36	nq	98
60) 4-Chlorophenyl-phenylether	10.14	204	335292	37.57	nq	89
61) 4-Nitroaniline	10.19	138	175926	33.30	nq	# 76
62) Azobenzene	10.30	77	952104	38.02	nq	88
64) 4,6-Dinitro-2-methylphenol	10.22	198	121010	31.71	nq	# 29
65) n-Nitrosodiphenylamine	10.26	169	638907	35.03	nq	99
66) 4-Bromophenyl-phenylether	10.62	248	192892	32.37	nq	91
67) Hexachlorobenzene	10.68	284	217485	31.48	nq	# 81
68) Atrazine	10.80	200	220163	37.01	nq	94
69) Pentachlorophenol	10.89	266	160131	61.69	nq	98
70) Phenanthrene	11.10	178	1083272	34.47	nq	100
71) Anthracene	11.14	178	1001270	31.50	nq	100
72) Carbazole	11.31	167	974047	33.54	nq	100
73) Di-n-butylphthalate	11.64	149	1243573	37.28	nq	99
74) Fluoranthene	12.27	202	1030947	32.74	nq	95
76) Benzidine	12.41	184	240851	18.67	nq	96
77) Pyrene	12.50	202	1071289	37.60	nq	100
79) Butylbenzylphthalate	13.13	149	510203	42.42	nq	91
80) Benzo(a)anthracene	13.68	228	782303	34.31	nq	100
81) 3,3'-Dichlorobenzidine	13.66	252	156365	10.78	nq	# 97
82) Chrysene	13.73	228	858479	38.91	nq	100
83) Bis(2-ethylhexyl)phthalate	13.69	149	635251	43.40	nq	98
84) Di-n-octyl phthalate	14.30	149	1061898	42.11	nq	# 85
85) Indeno(1,2,3-cd)pyrene	16.27	276	583825	30.15	nq	96
87) Benzo(b)fluoranthene	14.69	252	677406m	32.18	nq	
88) Benzo(k)fluoranthene	14.71	252	613121m	39.13	nq	
89) Benzo(a)pyrene	14.99	252	602571	34.25	nq	99
90) Dibenzo(a,h)anthracene	16.27	278	504978	34.09	nq	95
91) Benzo(g,h,i)perylene	16.63	276	505669	33.80	nq	94

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

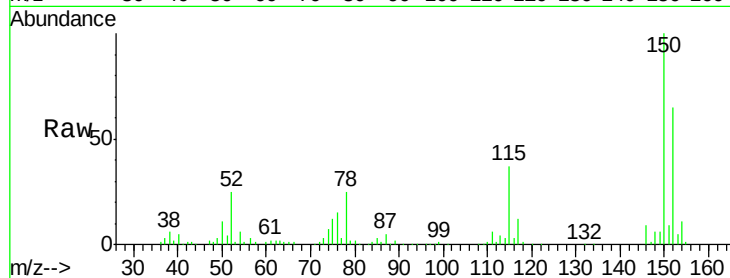


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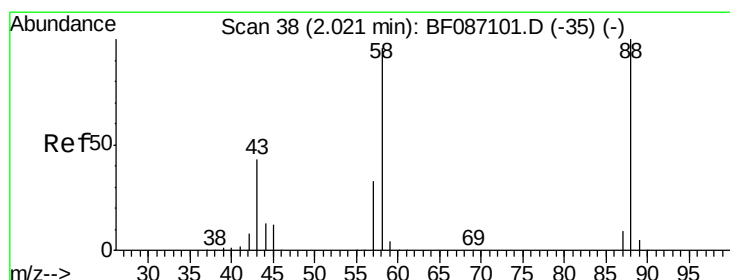
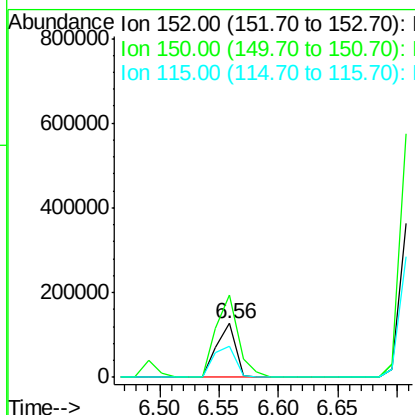
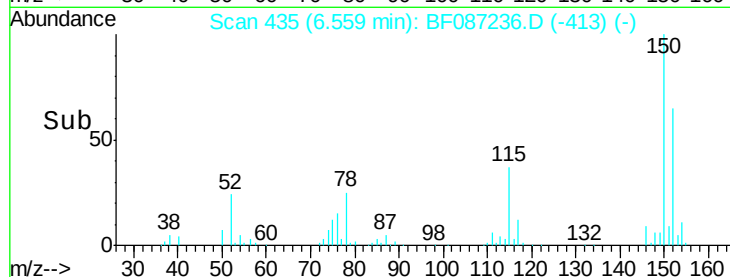
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF087236.D
Acq: 20 May 2016 20:55

Instrument :
BNA_F
ClientSampleId :
PB90711BS

Tot Ion:152 Resp: 141510
Ion Ratio Lower Upper
152 100
150 154.1 125.8 188.6
115 57.8 51.5 77.3



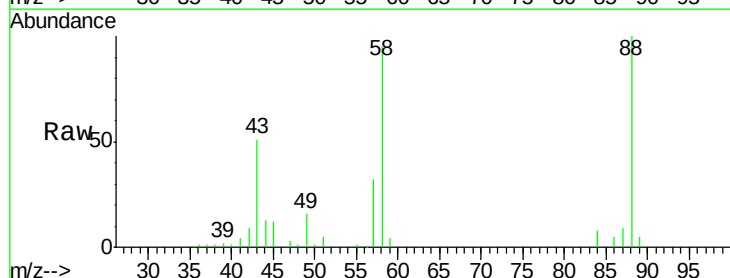
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



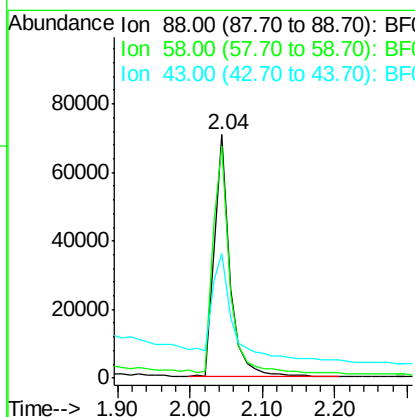
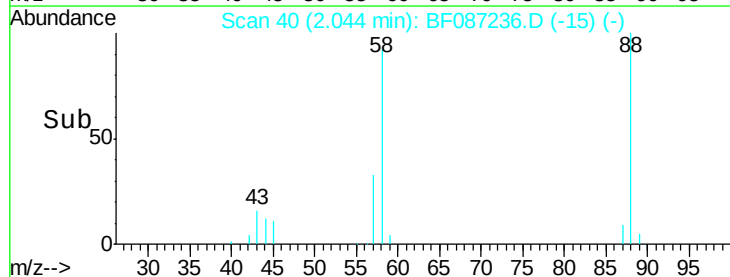
#2

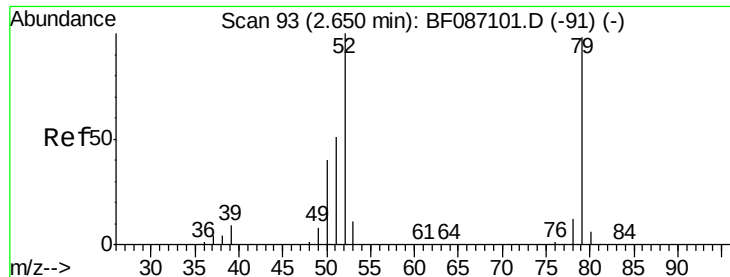
1,4-Dioxane
Concen: 24.28 ng
RT: 2.04 min Scan# 40
Delta R.T. -0.01 min
Lab File: BF087236.D
Acq: 20 May 2016 20:55

Tgt Ion: 88 Resp: 105148
Ion Ratio Lower Upper
88 100
58 101.5 59.6 89.4#
43 67.5 21.8 32.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvrindine

Concen: 24.58 ng

RT: 2.66 min Scan# 94

Delta R.T. -0.02 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampleId :

PB90711BS

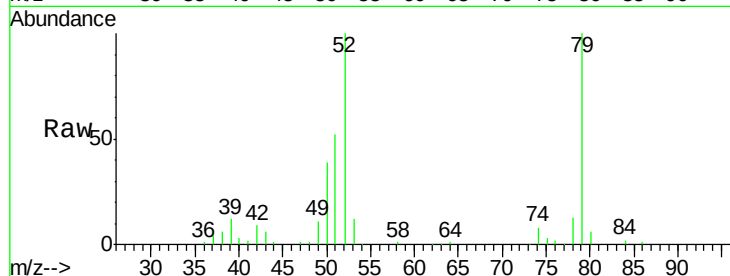
Tot Ion: 79 Resp: 257480

Ion Ratio Lower Upper

79 100

52 99.6 55.9 83.9#

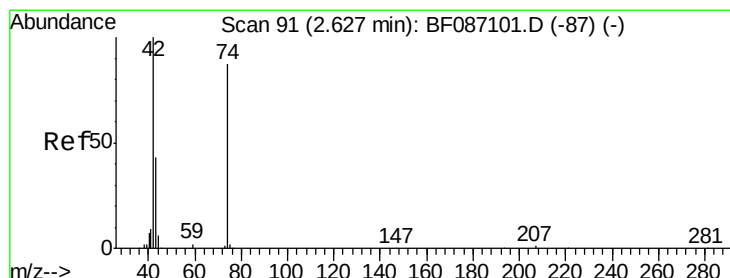
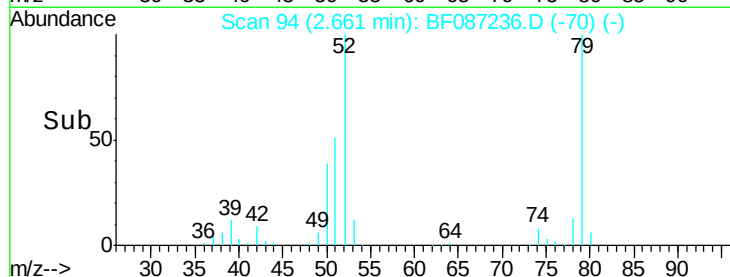
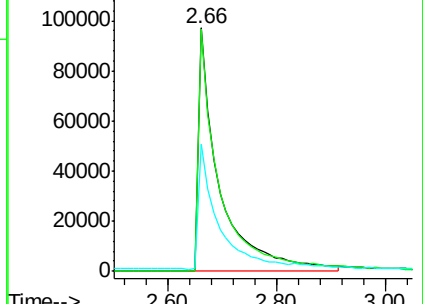
51 52.2 28.1 42.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.14 ng

RT: 2.63 min Scan# 91

Delta R.T. -0.03 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

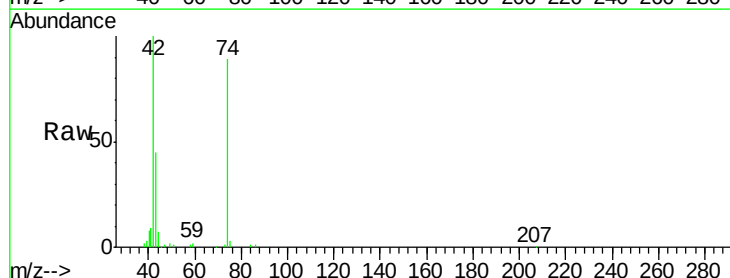
Tgt Ion: 42 Resp: 238571

Ion Ratio Lower Upper

42 100

74 88.5 123.4 185.0#

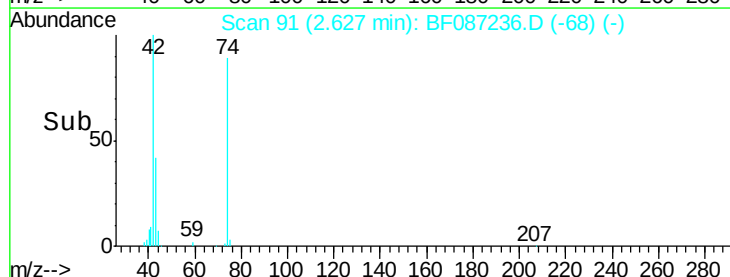
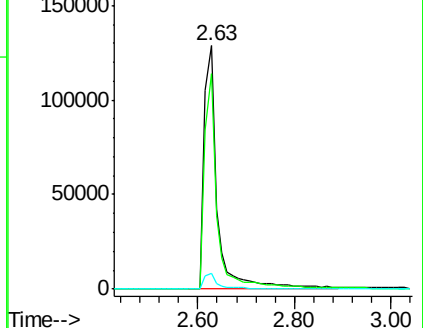
44 6.6 5.8 8.6

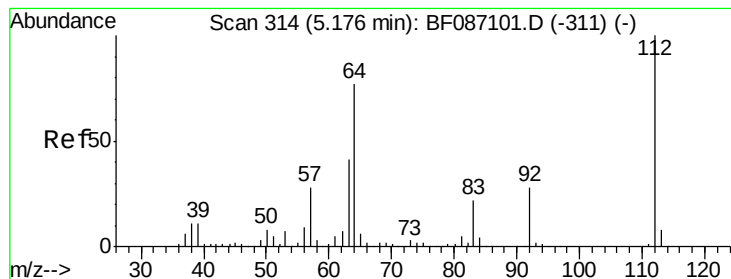


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 102.50 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampleId :

PB90711BS

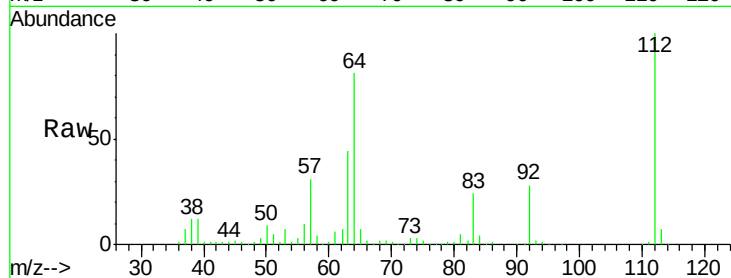
Tot Ion:112 Resp: 862943

Ion Ratio Lower Upper

112 100

64 80.7 52.1 78.1#

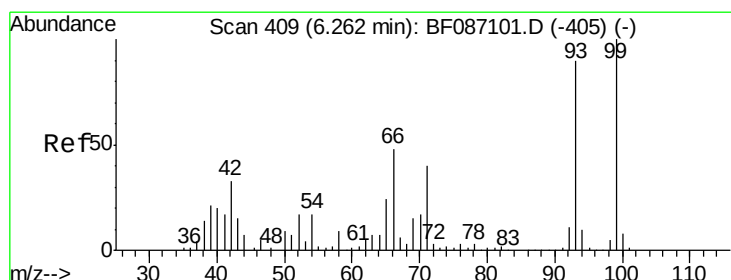
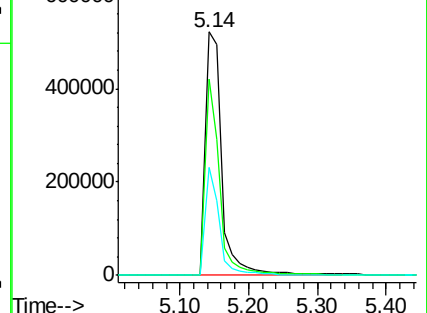
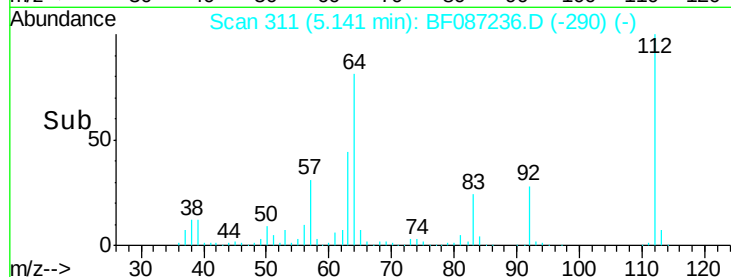
63 44.4 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.67 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

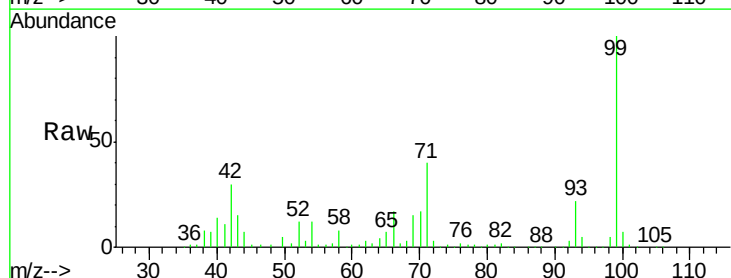
Tgt Ion: 93 Resp: 239039

Ion Ratio Lower Upper

93 100

66 77.1 39.0 58.6#

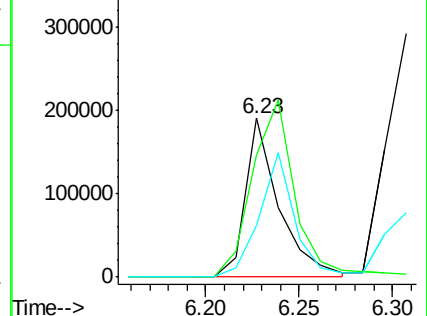
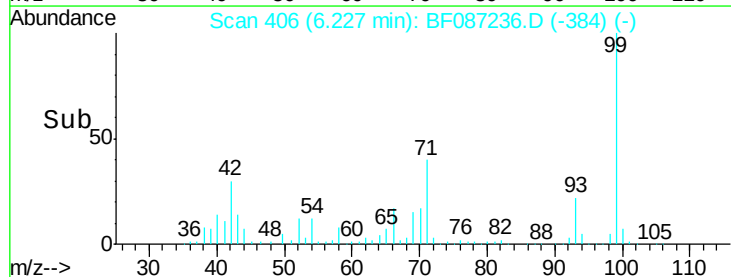
65 32.1 20.6 31.0#

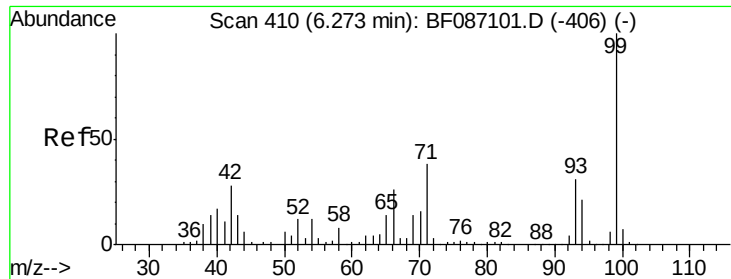


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 93.80 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

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ClientSampleId :

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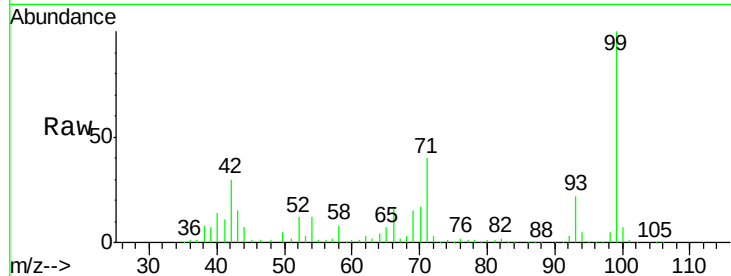
Tot Ion: 99 Resp: 1059192

Ion Ratio Lower Upper

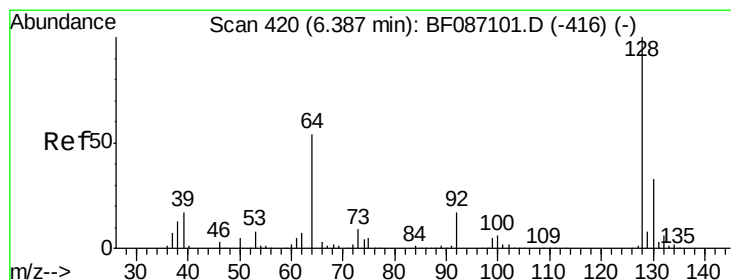
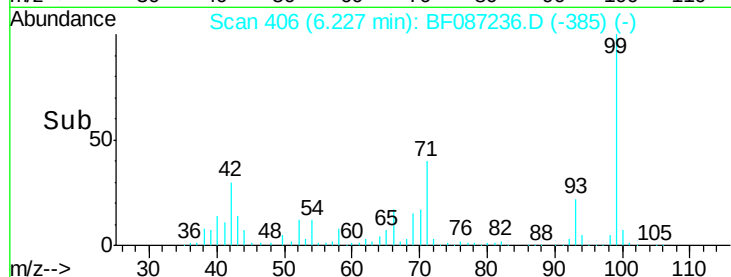
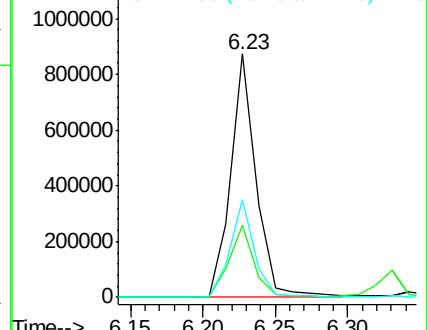
99 100

42 29.8 13.6 20.4#

71 40.1 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: 32.78 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

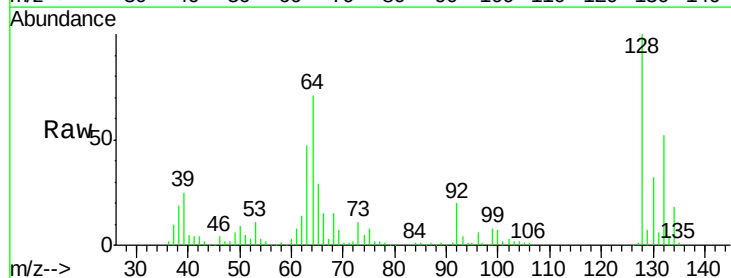
Tgt Ion: 128 Resp: 335816

Ion Ratio Lower Upper

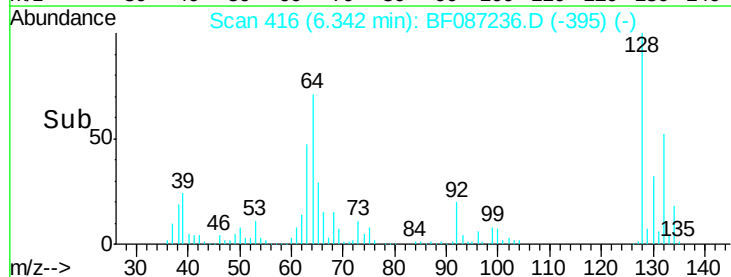
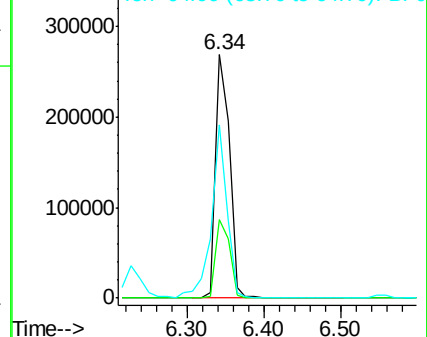
128 100

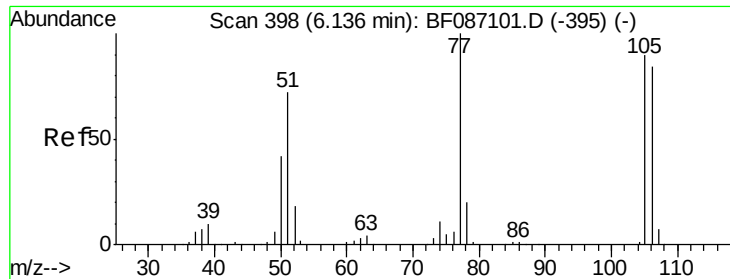
130 32.5 12.5 52.5

64 71.2 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: 8.02 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.03 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampleId :

PB90711BS

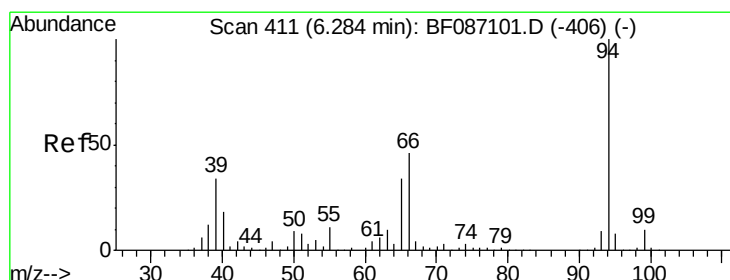
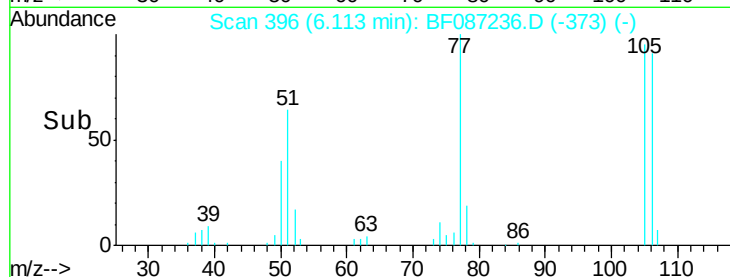
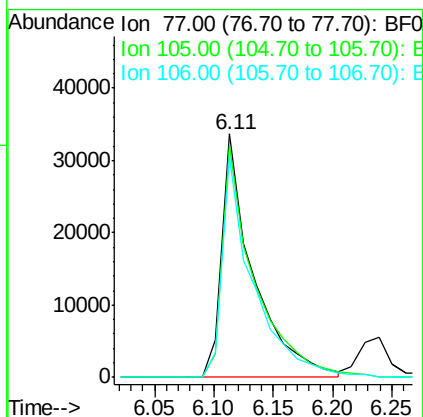
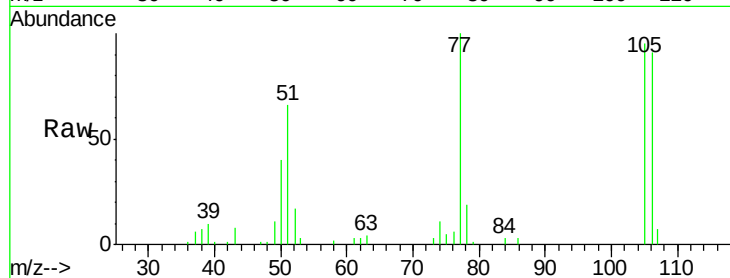
Tot Ion: 77 Resp: 61730

Ion Ratio Lower Upper

77 100

105 95.4 72.7 112.7

106 90.6 70.8 110.8



#10

Phenol

Concen: 30.51 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

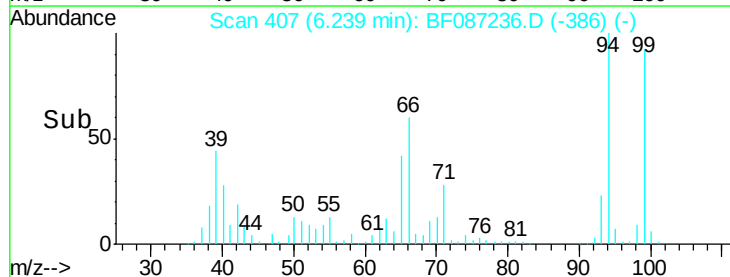
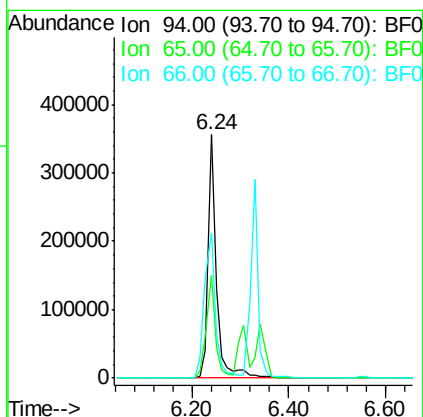
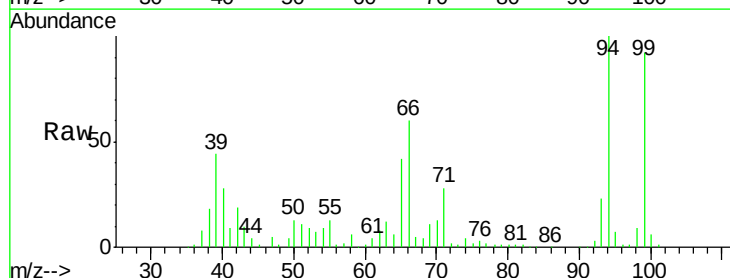
Tgt Ion: 94 Resp: 433128

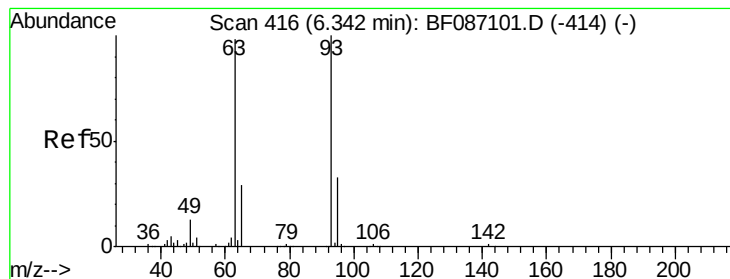
Ion Ratio Lower Upper

94 100

65 42.1 7.2 47.2

66 59.6 14.9 54.9#





#11

bis(2-Chloroethyl)ether

Concen: 32.52 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampleId :

PB90711BS

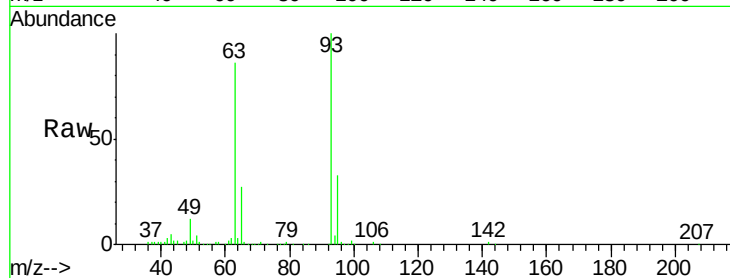
Tot Ion: 93 Resp: 346571

Ion Ratio Lower Upper

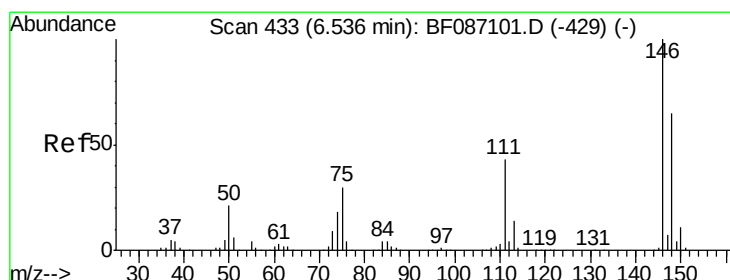
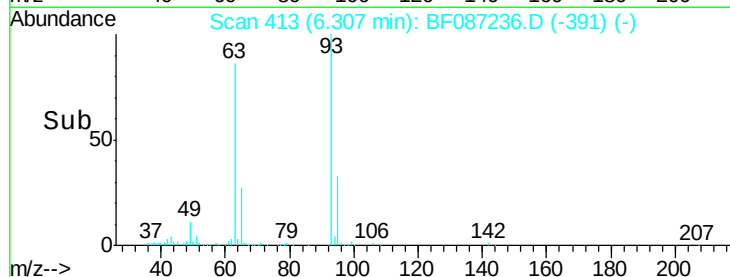
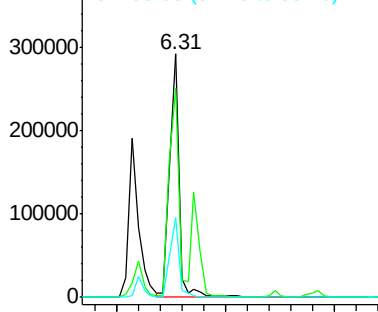
93 100

63 85.9 58.0 98.0

95 32.7 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 30.85 ng m

RT: 6.49 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

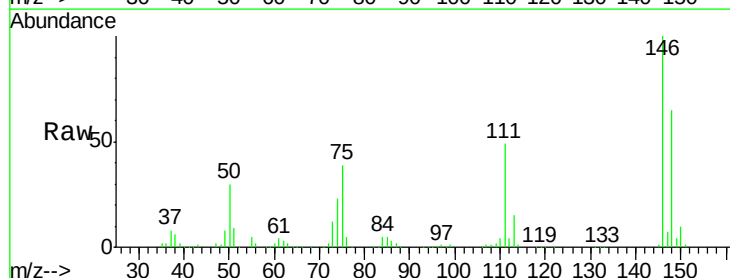
Tgt Ion: 146 Resp: 335924

Ion Ratio Lower Upper

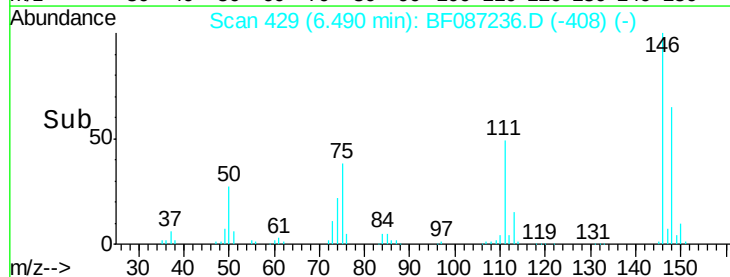
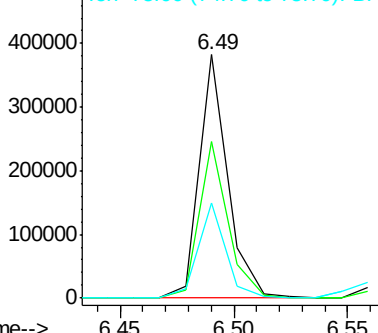
146 100

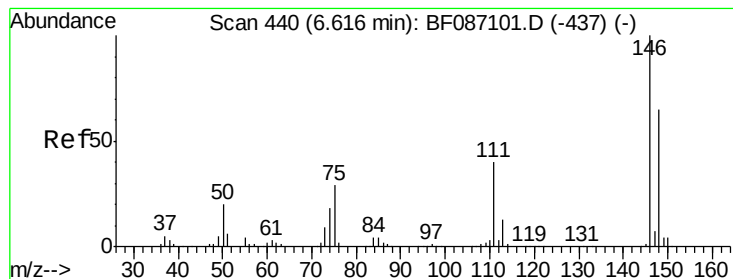
148 64.5 52.4 78.6

75 38.8 22.8 34.2#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 31.67 ng/mL

RT: 6.57 min Scan# 436

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampleID :

PB90711BS

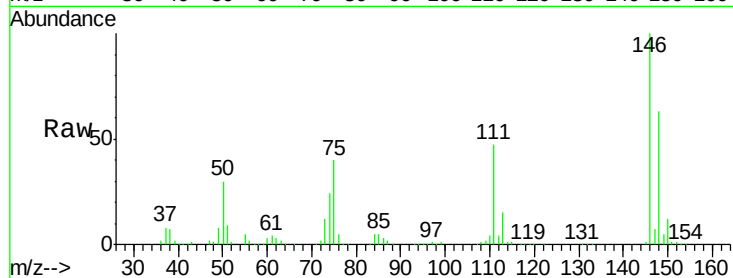
Tot Ion:146 Resp: 352889

Ion Ratio Lower Upper

146 100

148 63.2 52.2 78.4

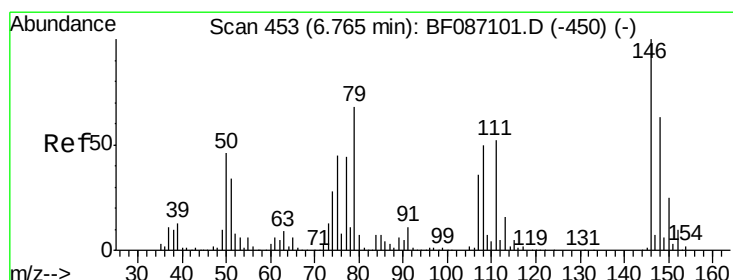
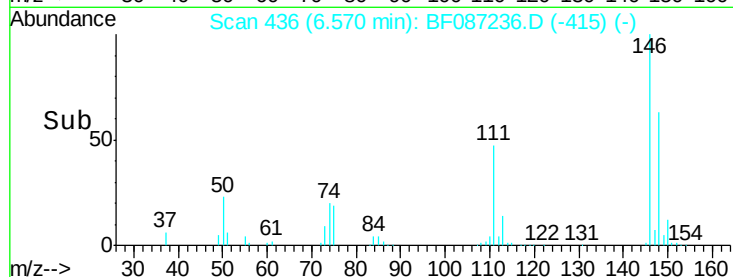
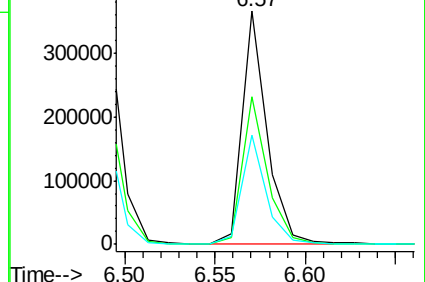
111 46.8 30.7 46.1#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 31.63 ng/mL

RT: 6.73 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

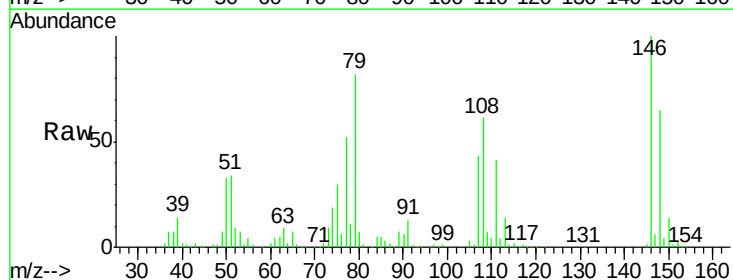
Tgt Ion:146 Resp: 308531

Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.6

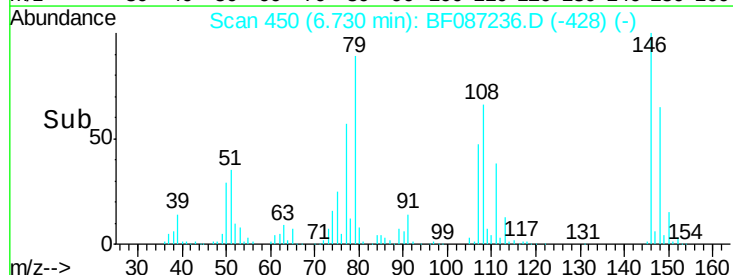
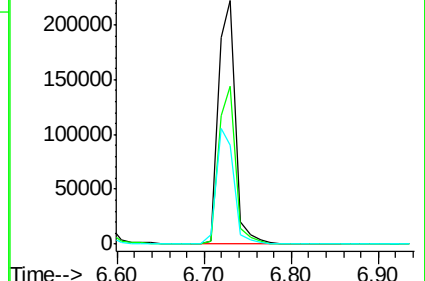
111 40.9 36.2 54.4

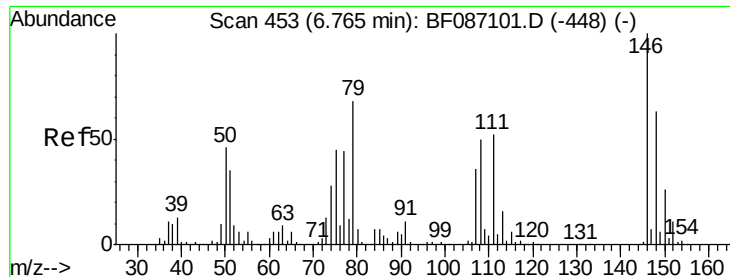


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.83 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampleId :

PB90711BS

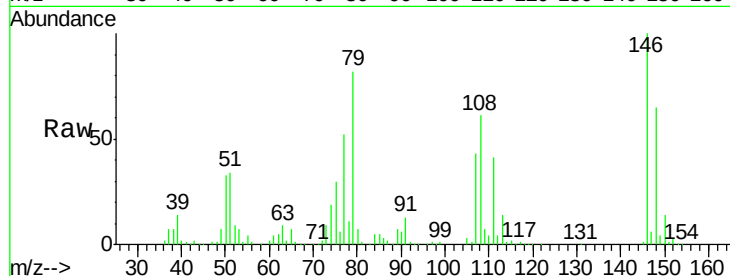
Tot Ion: 79 Resp: 301200

Ion Ratio Lower Upper

79 100

108 74.6 68.4 102.6

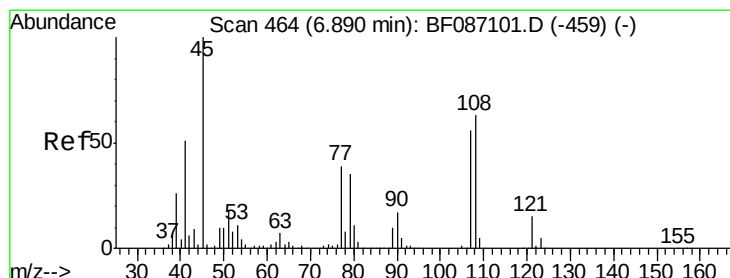
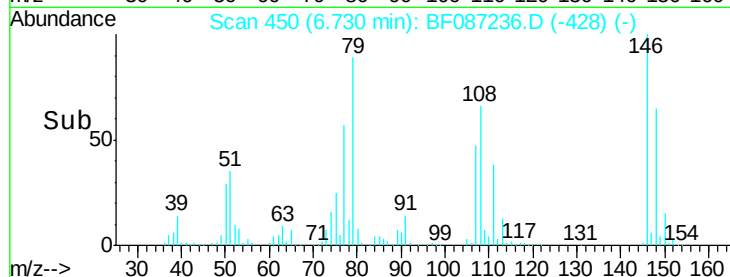
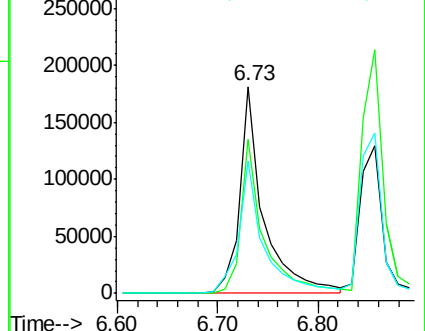
77 63.8 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.41 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.05 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

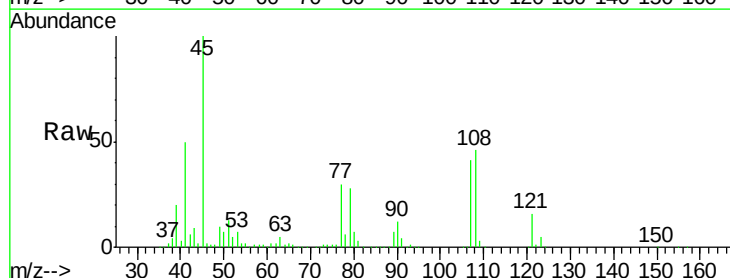
Tgt Ion: 45 Resp: 666407

Ion Ratio Lower Upper

45 100

77 30.3 0.0 36.4

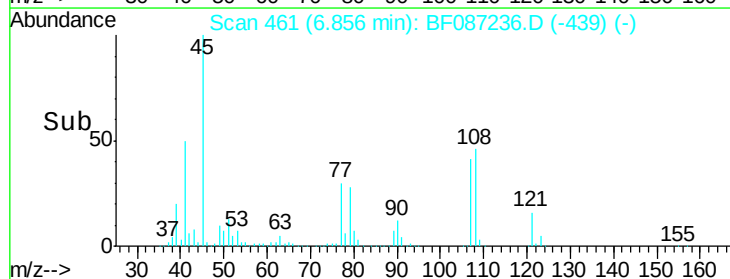
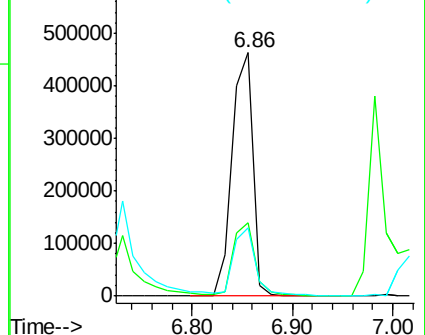
79 28.0 0.0 33.4

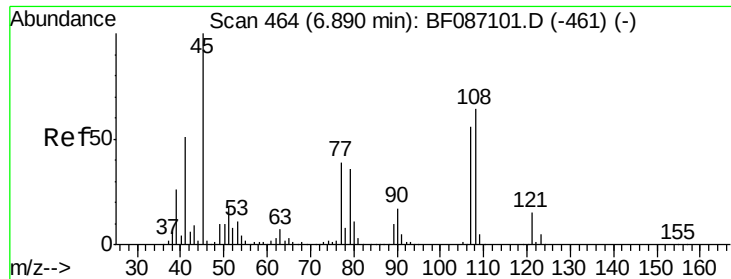


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 32.88 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.05 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampleID :

PB90711BS

Tot Ion:107 Resp: 276576

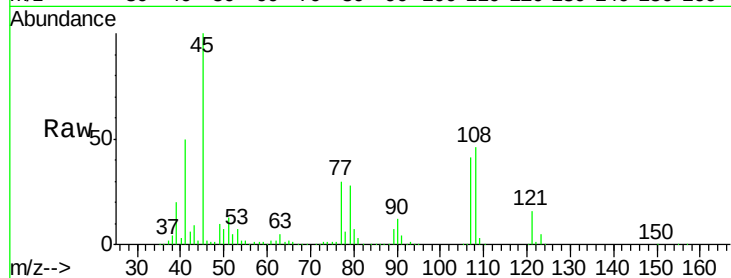
Ion Ratio Lower Upper

107 100

108 111.7 93.7 140.5

77 73.5 33.4 50.0#

79 67.9 34.3 51.5#

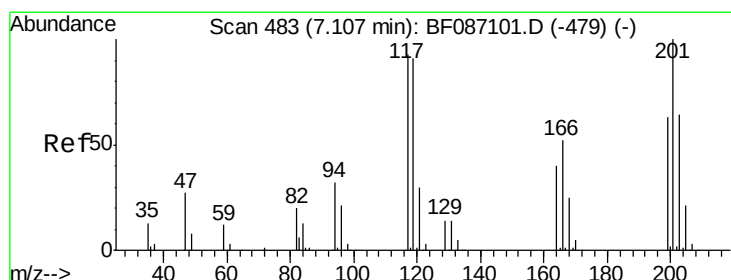
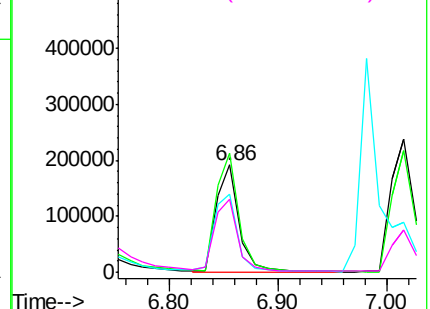
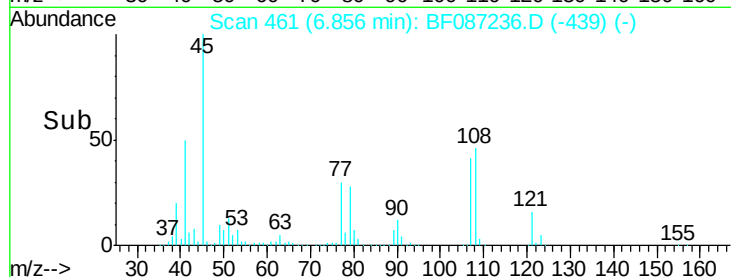


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 32.04 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

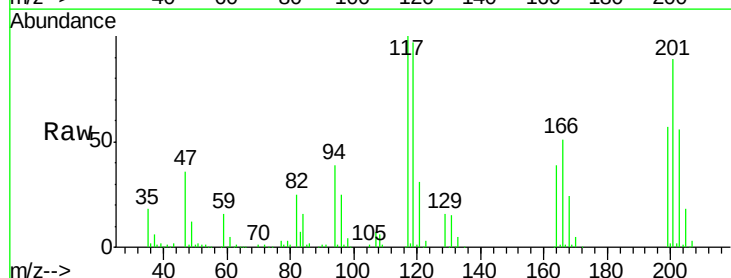
Tgt Ion:117 Resp: 136443

Ion Ratio Lower Upper

117 100

119 96.8 76.5 114.7

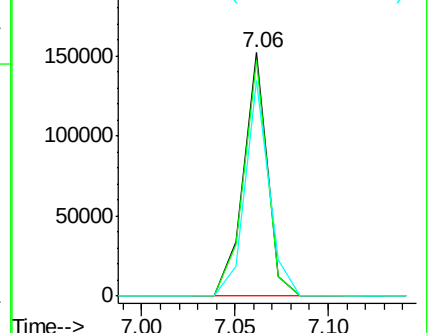
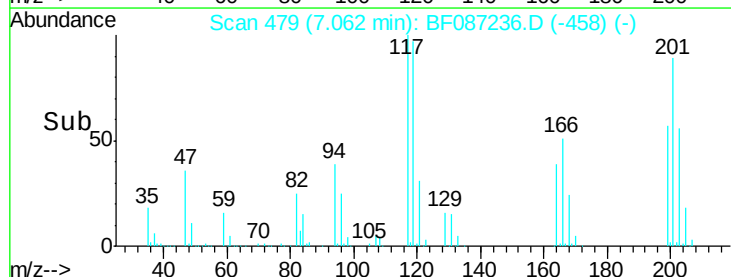
201 88.6 63.0 94.6

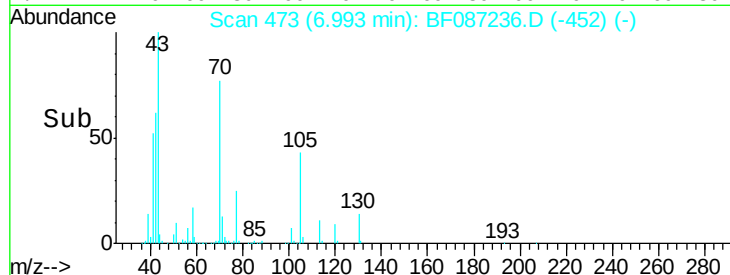
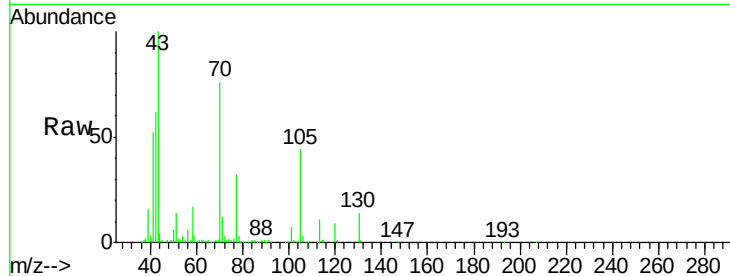
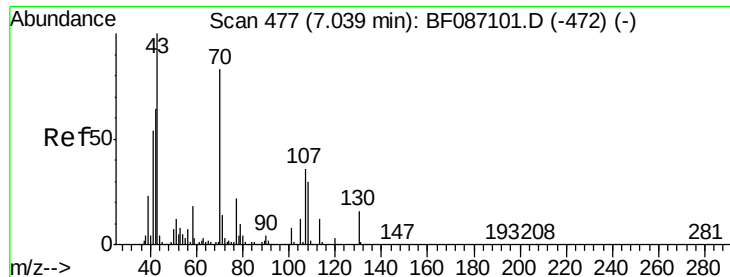


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

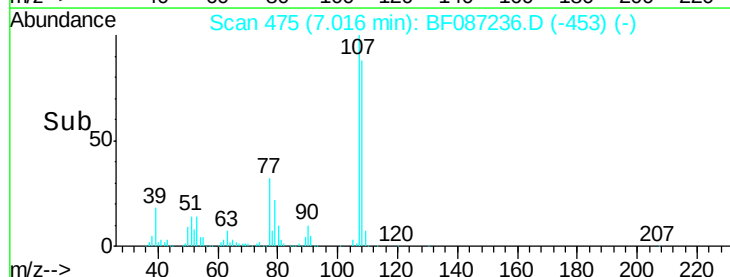
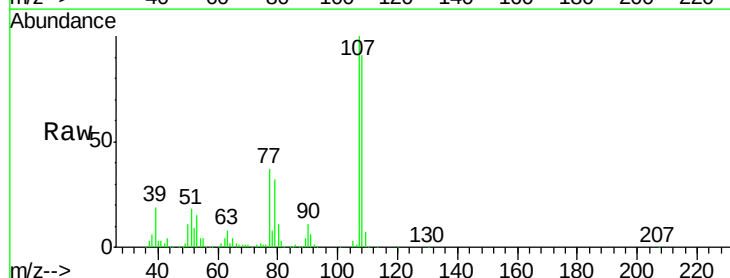
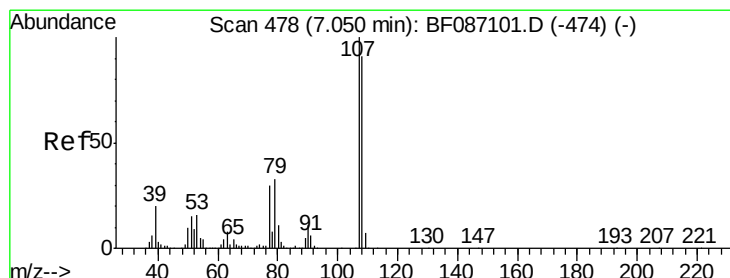
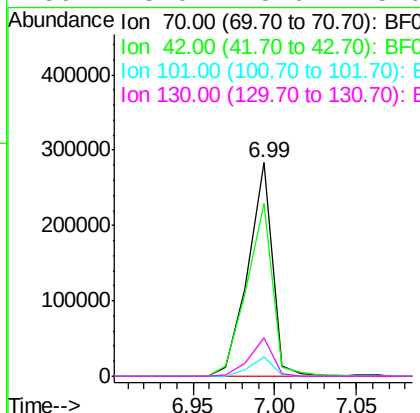




#19
n-Nitroso-di-n-propylamine
Concen: 34.39 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.06 min
Lab File: BF087236.D
Acq: 20 May 2016 20:55

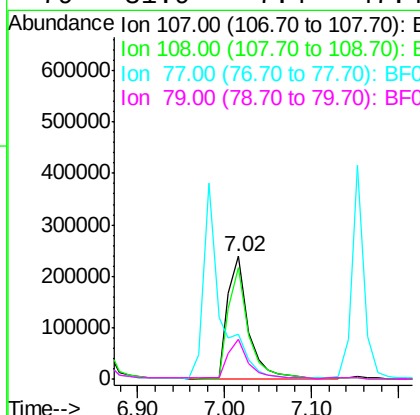
Instrument :
BNA_F
ClientSampleId :
PB90711BS

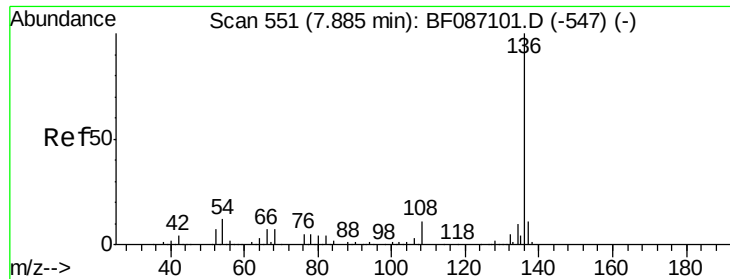
Tot Ion:	70	Resp:	295207
Ion	Ratio	Lower	Upper
70	100		
42	81.0	43.1	64.7#
101	8.8	8.1	12.1
130	18.0	18.6	28.0#



#20
3+4-Methylphenols
Concen: 35.77 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.05 min
Lab File: BF087236.D
Acq: 20 May 2016 20:55

Tgt Ion:	107	Resp:	396927
Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.5	108.5
77	37.0	101.6	141.6#
79	31.9	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampleId :

PB90711BS

Tot Ion:136 Resp: 611928

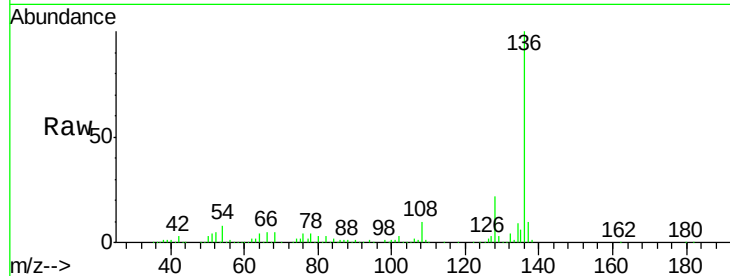
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 8.3 5.0 7.4#

68 4.6 4.4 6.6

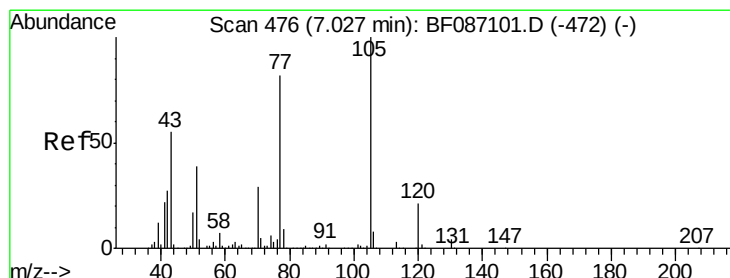
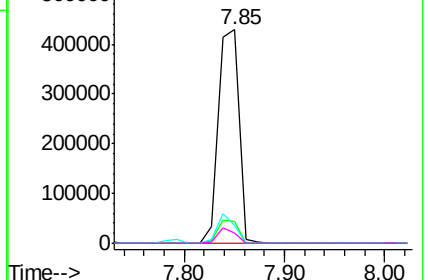
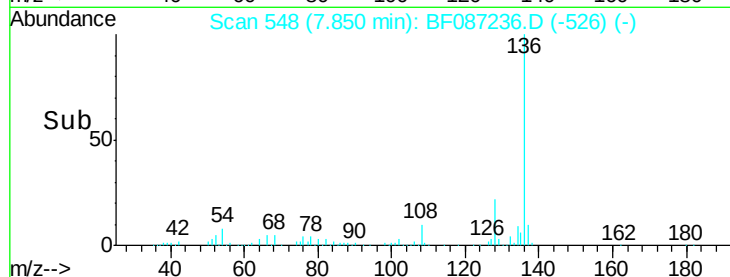


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.01 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Tgt Ion:105 Resp: 479291

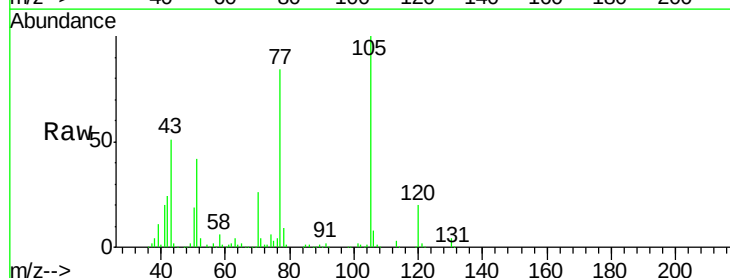
Ion Ratio Lower Upper

105 100

71 4.2 4.8 7.2#

51 41.9 32.6 49.0

120 20.0 16.5 24.7

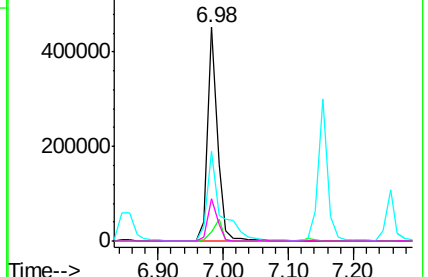
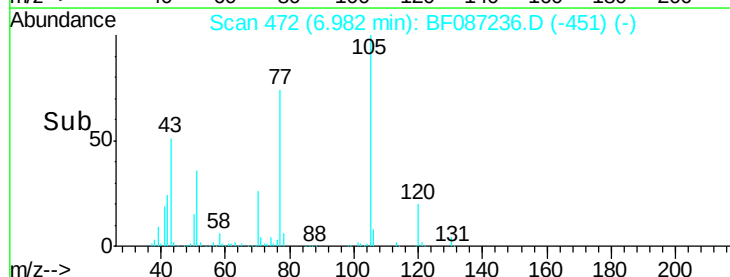


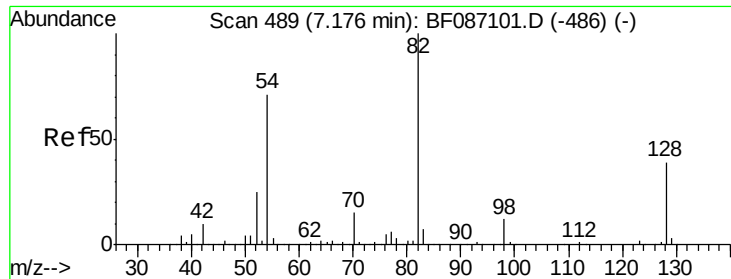
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

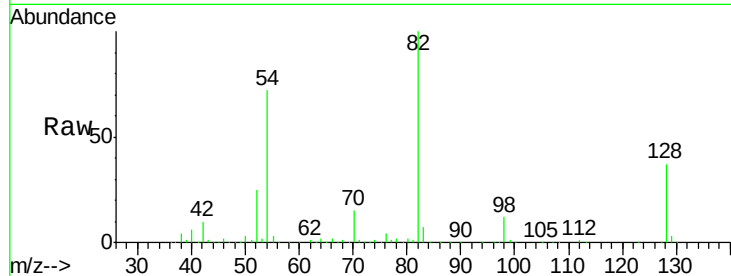




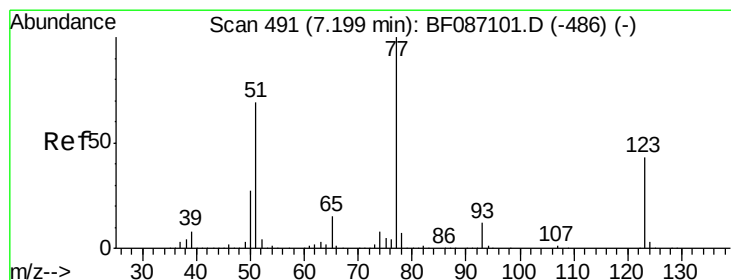
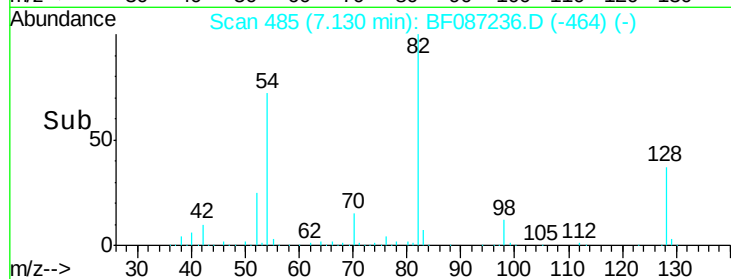
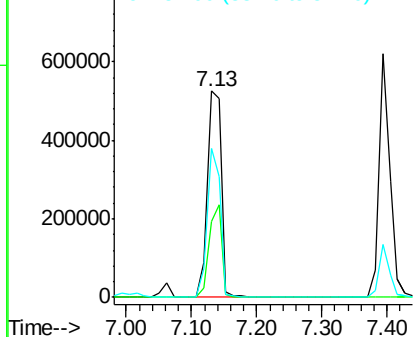
#23
 Nitrobenzene-d5
 Concen: 64.30 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.06 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB90711BS

Tot Ion	82	Resp	789531
Ion Ratio	100	Lower	Upper
128	37.0	40.6	61.0#
54	72.4	38.1	57.1#

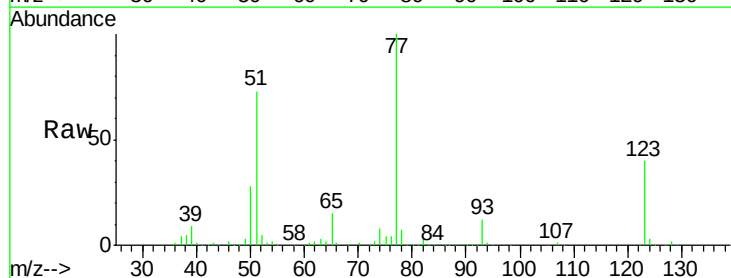


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

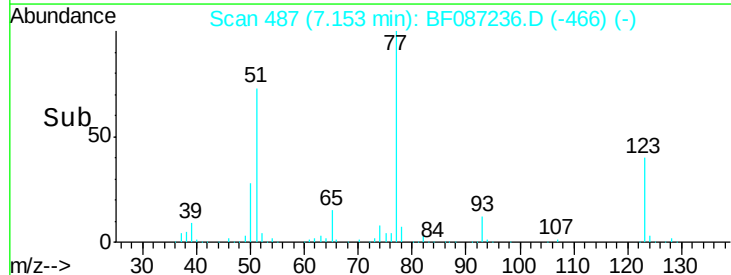
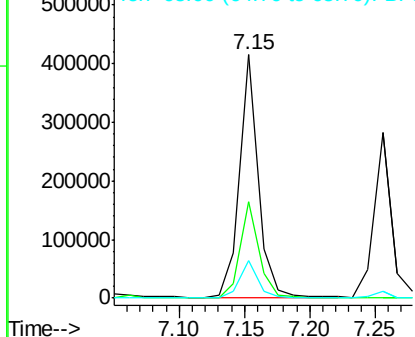


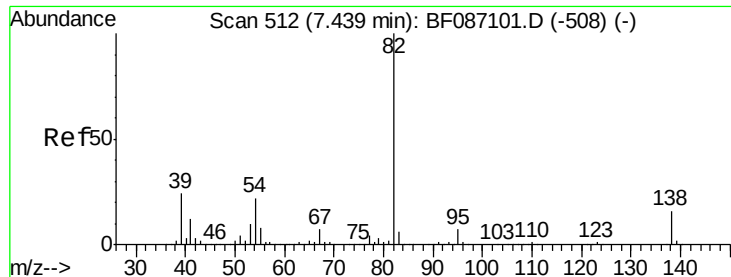
#24
 Nitrobenzene
 Concen: 30.29 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.06 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

Tgt Ion	77	Resp	406032
Ion Ratio	100	Lower	Upper
123	39.8	33.0	49.4
65	15.4	10.8	16.2



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





#25

Isophorone

Concen: 32.36 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampleId :

PB90711BS

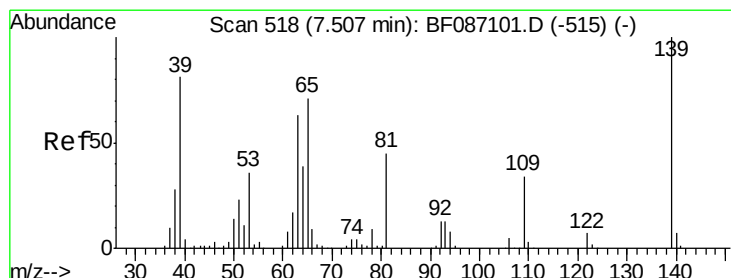
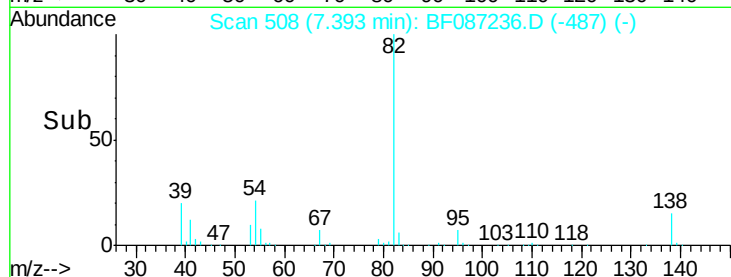
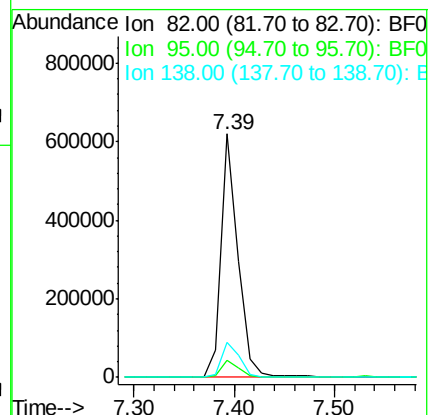
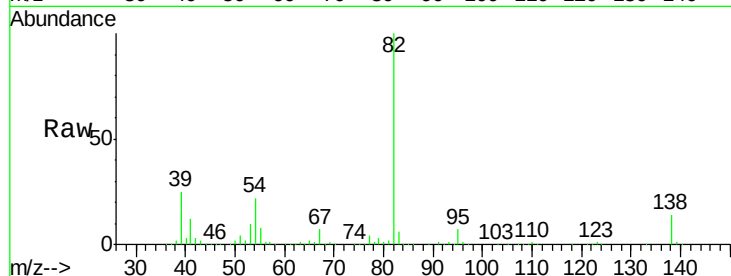
Tot Ion: 82 Resp: 727227

Ion Ratio Lower Upper

82 100

95 7.1 5.1 7.7

138 14.3 12.4 18.6



#26

2-Nitrophenol

Concen: 33.21 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

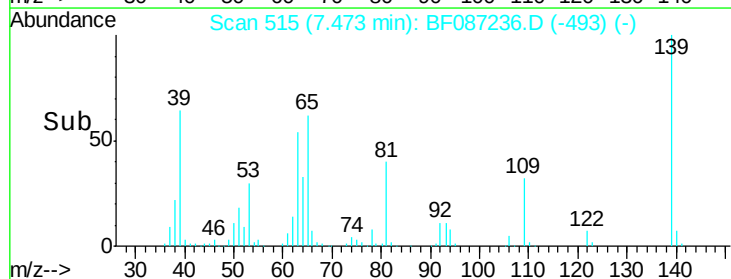
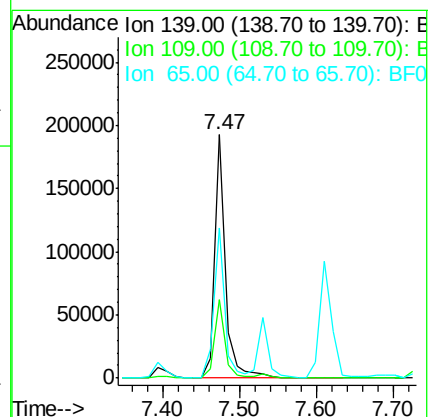
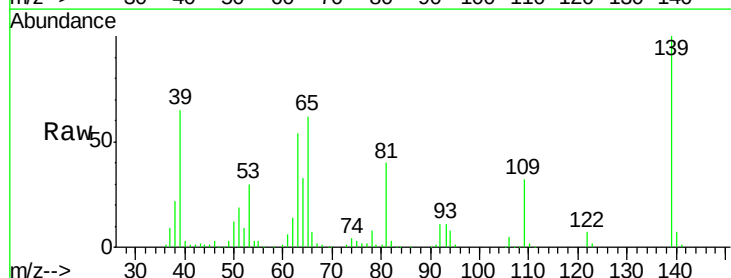
Tgt Ion: 139 Resp: 184428

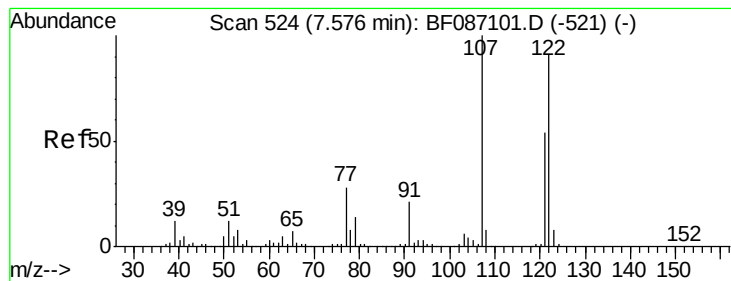
Ion Ratio Lower Upper

139 100

109 32.0 19.5 29.3#

65 61.7 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 32.78 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampled :

PB90711BS

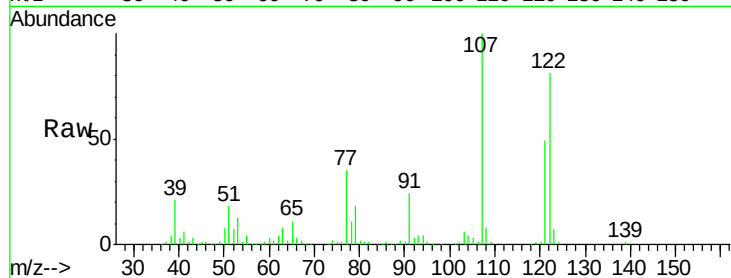
Tot Ion:122 Resp: 310667

Ion Ratio Lower Upper

122 100

107 123.3 82.0 123.0#

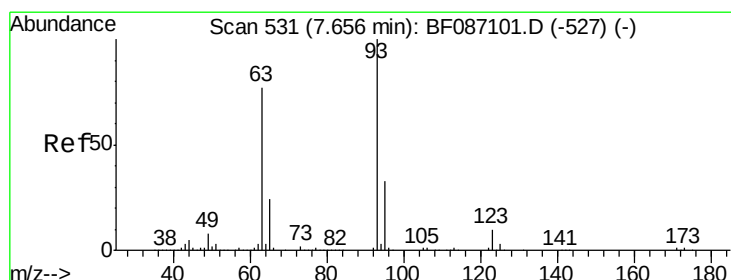
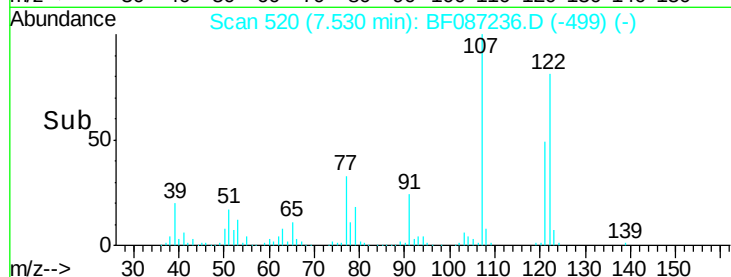
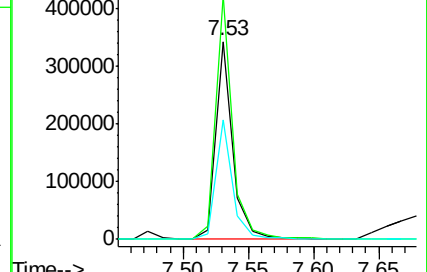
121 60.7 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.82 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

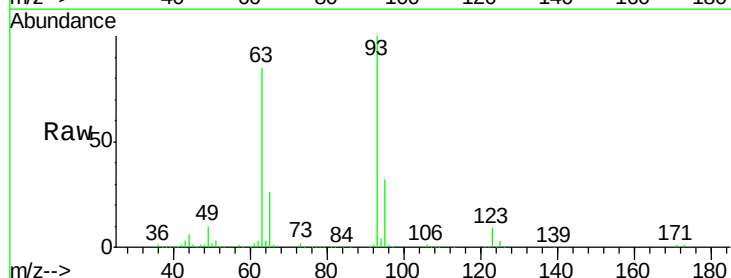
Tgt Ion: 93 Resp: 417303

Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

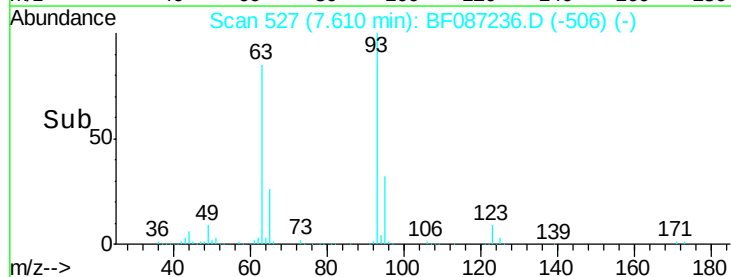
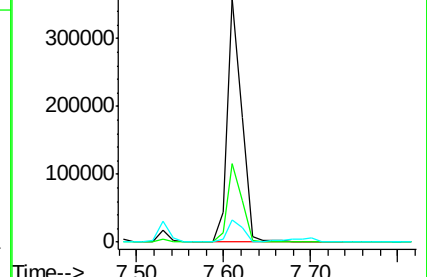
123 9.2 9.5 14.3#

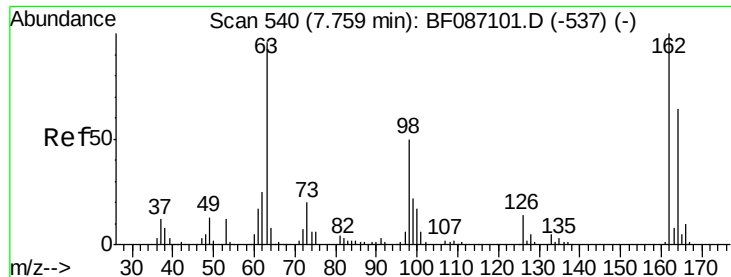


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

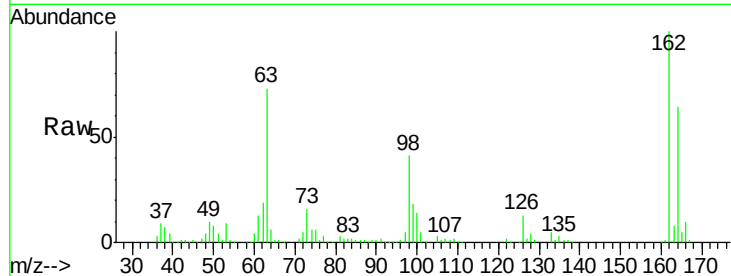




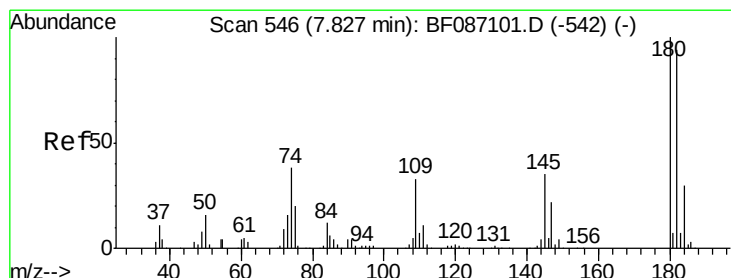
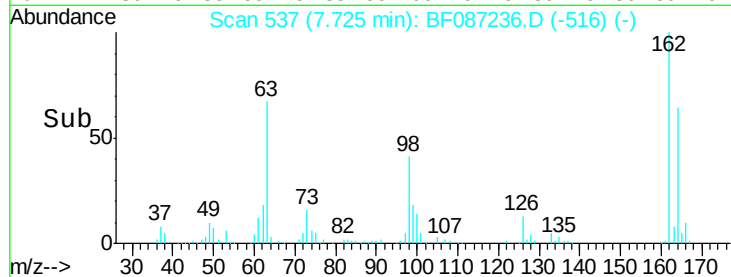
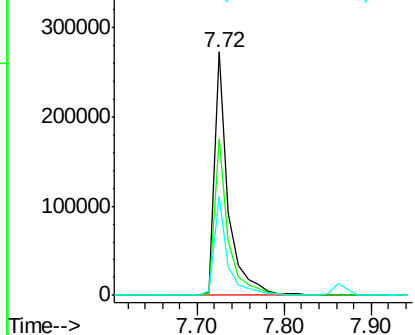
#29
 2,4-Dichlorophenol
 Concen: 36.60 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.06 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB90711BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.2	82.2
98	40.9	19.0	59.0

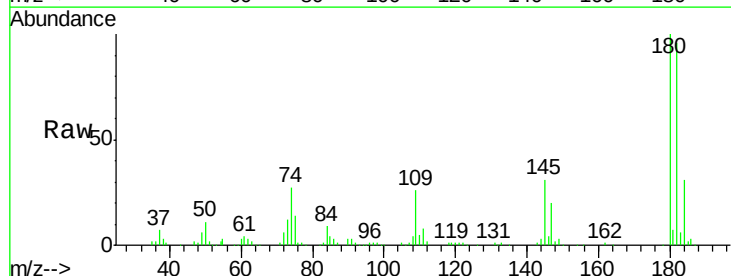


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

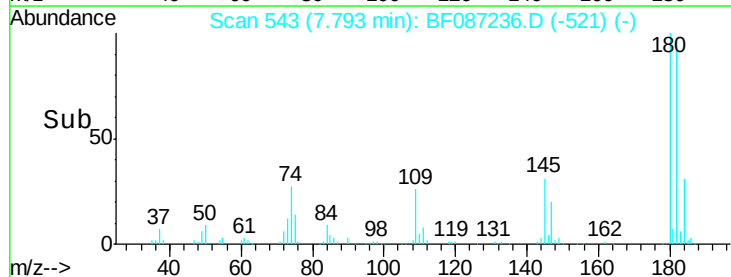
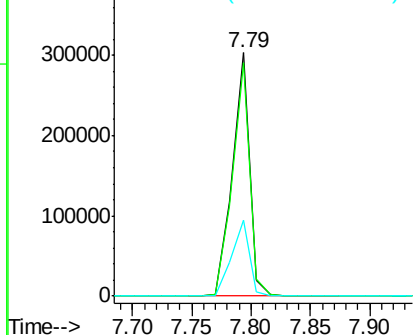


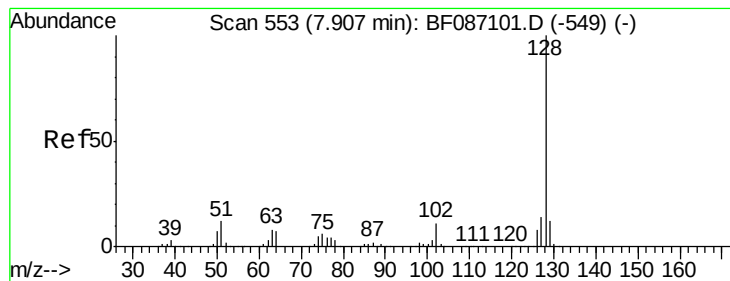
#30
 1,2,4-Trichlorobenzene
 Concen: 33.09 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.05 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	78.0	117.0
145	31.3	24.2	36.2



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





#31

Naphthalene

Concen: 32.10 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampleId :

PB90711BS

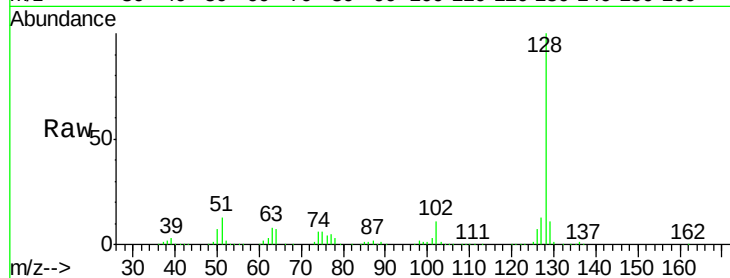
Tot Ion:128 Resp: 959841

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

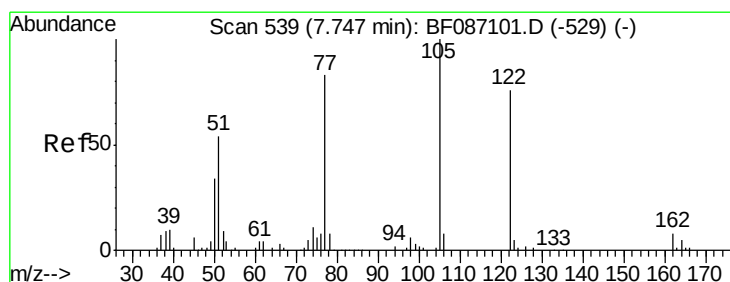
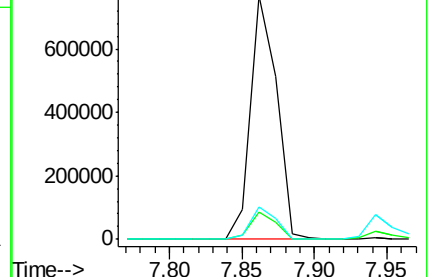
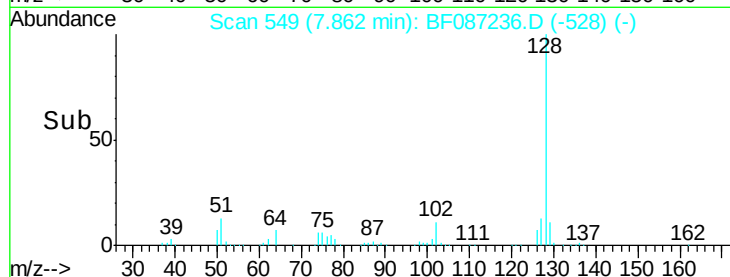
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.36 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.05 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

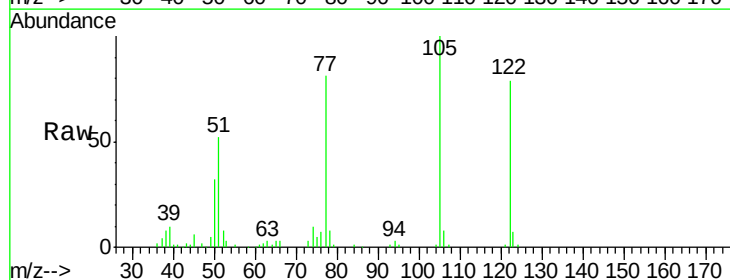
Tgt Ion:122 Resp: 165881

Ion Ratio Lower Upper

122 100

105 125.9 92.6 132.6

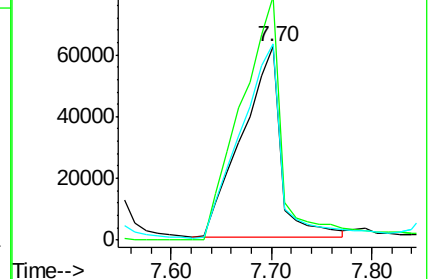
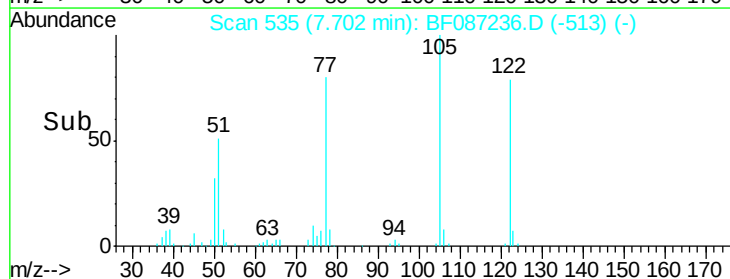
77 101.8 60.0 100.0#

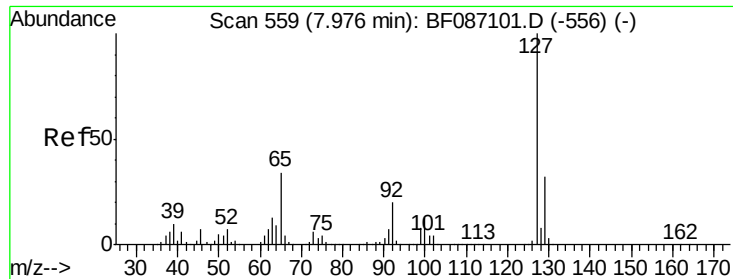


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

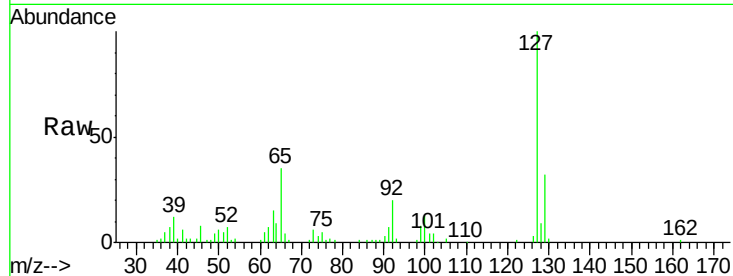




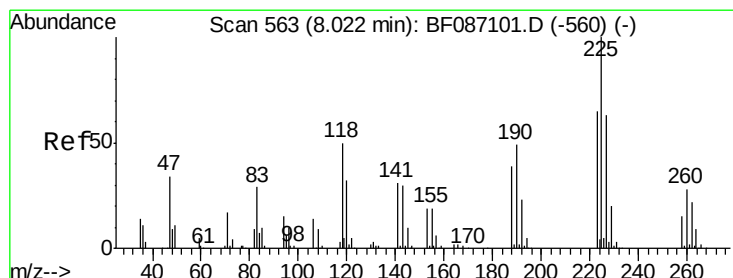
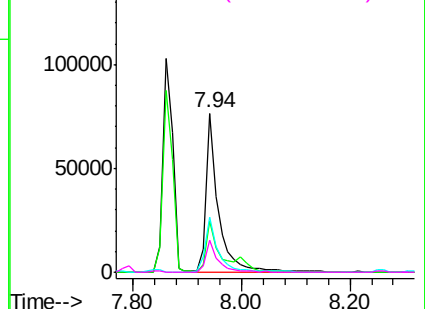
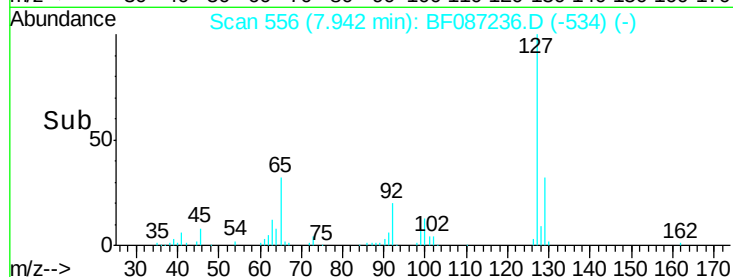
#33
4-Chloroaniline
Concen: 9.74 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.05 min
Lab File: BF087236.D
Acq: 20 May 2016 20:55

Instrument :
BNA_F
ClientSampleId :
PB90711BS

Tot Ion:	127	Resp:	121042
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	35.1	23.0	34.4
92	20.3	15.1	22.7

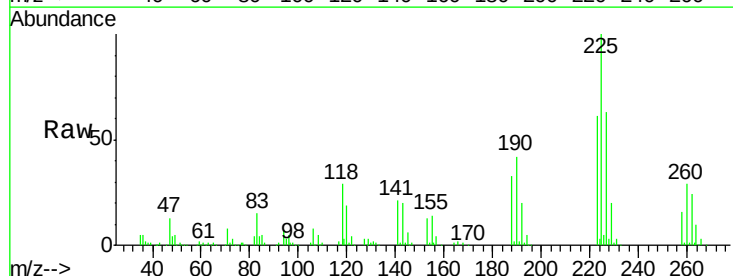


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

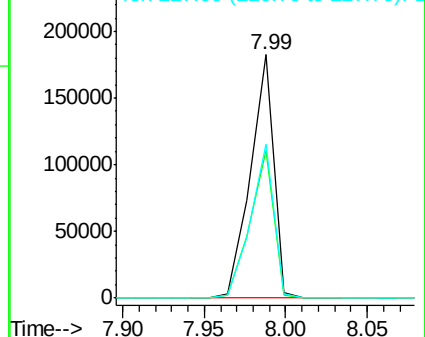
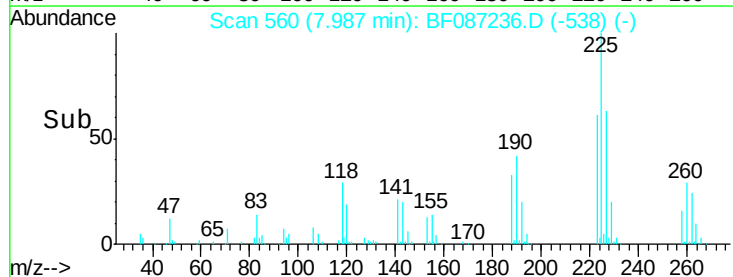


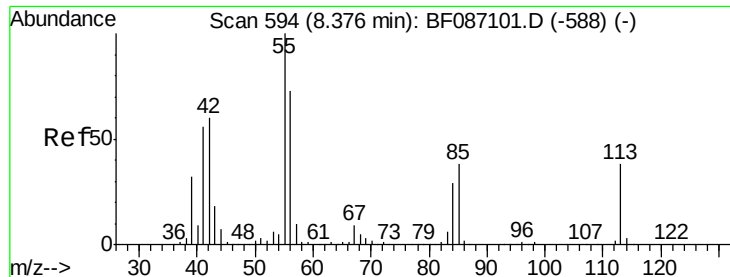
#34
Hexachlorobutadiene
Concen: 34.48 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.05 min
Lab File: BF087236.D
Acq: 20 May 2016 20:55

Tgt Ion:	225	Resp:	181313
Ion	Ratio	Lower	Upper
225	100		
223	60.5	51.5	77.3
227	63.2	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

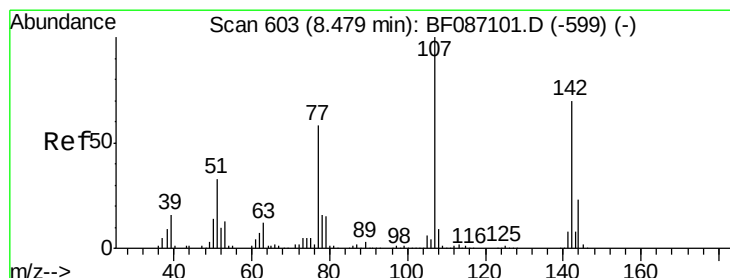
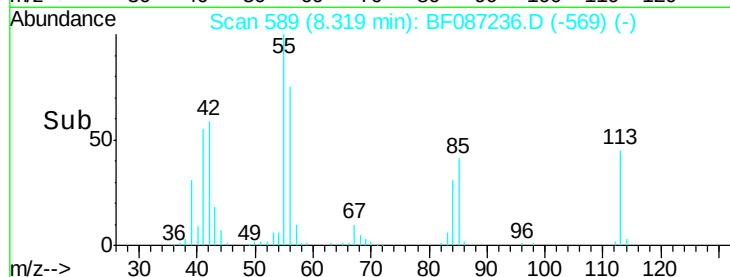
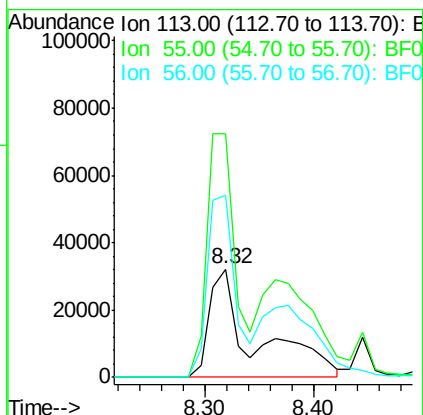
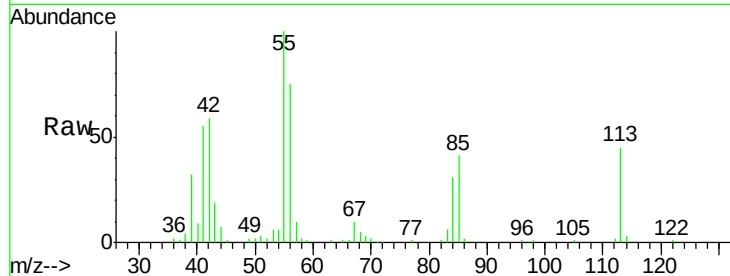




#35
 Caprolactam
 Concen: 33.53 ng/ml
 RT: 8.32 min Scan# 589
 Delta R.T. -0.07 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

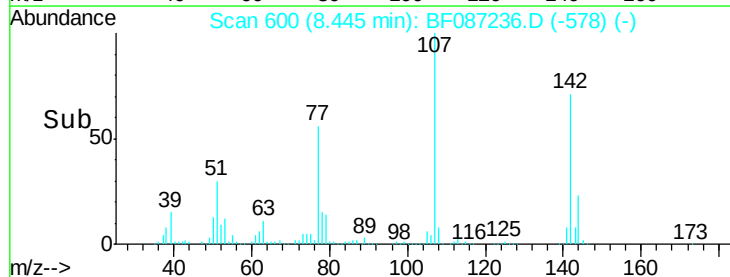
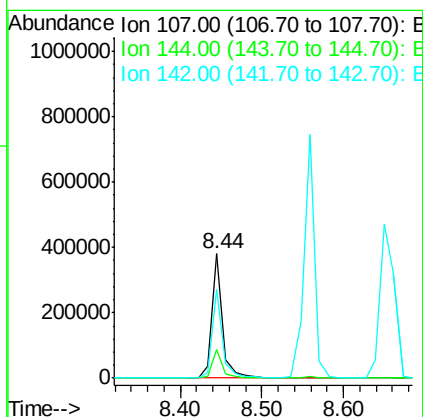
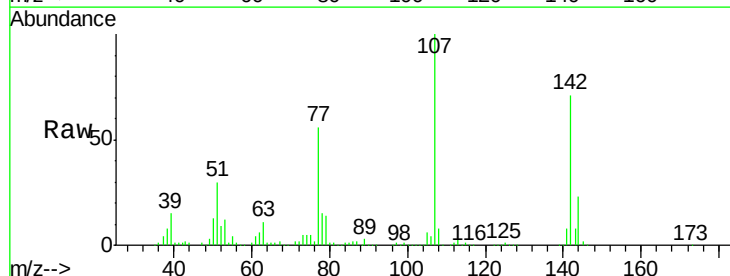
Instrument :
 BNA_F
 ClientSampleID :
 PB90711BS

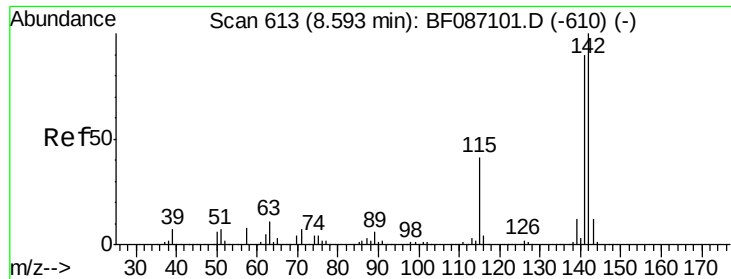
Tot Ion:113 Resp: 93257
 Ion Ratio Lower Upper
 113 100
 55 223.9 162.0 202.0#
 56 167.6 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 35.25 ng/ml
 RT: 8.44 min Scan# 600
 Delta R.T. -0.05 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

Tgt Ion:107 Resp: 355094
 Ion Ratio Lower Upper
 107 100
 144 22.8 20.7 31.1
 142 71.2 63.2 94.8

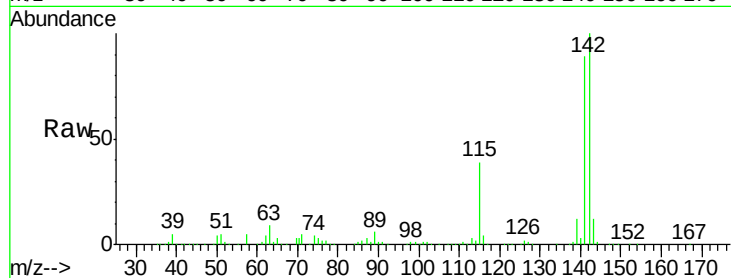




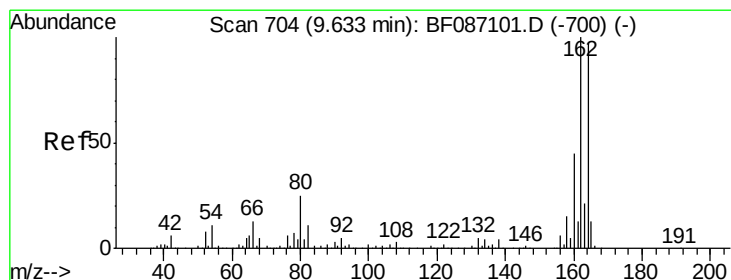
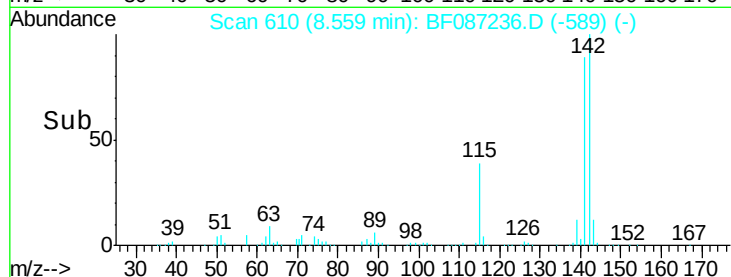
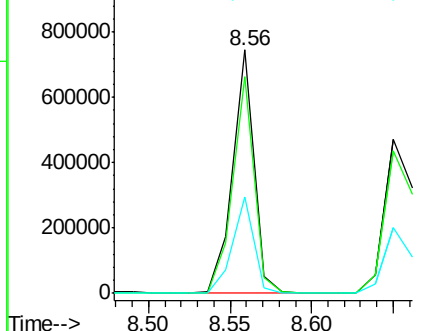
#37
2-Methylnaphthalene
Concen: 35.16 ng
RT: 8.56 min Scan# 610
Delta R.T. -0.06 min
Lab File: BF087236.D
Acq: 20 May 2016 20:55

Instrument :
BNA_F
ClientSampleId :
PB90711BS

Tot Ion:142 Resp: 672352
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.6
115 39.5 26.6 39.8

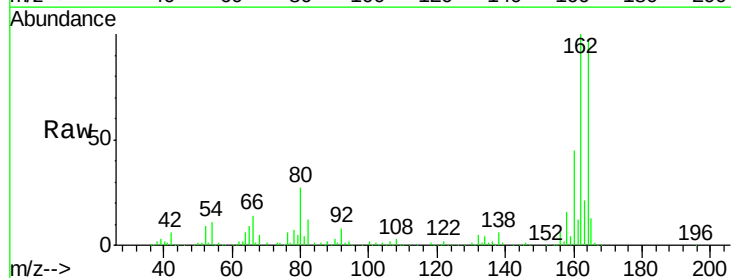


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

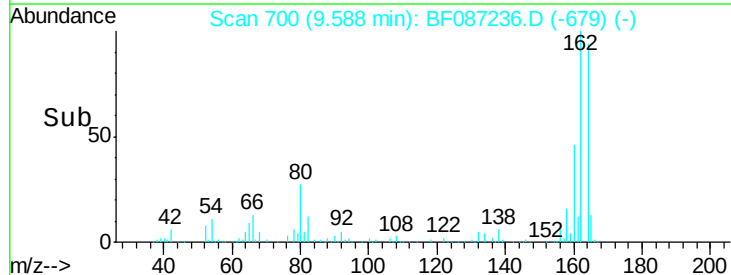
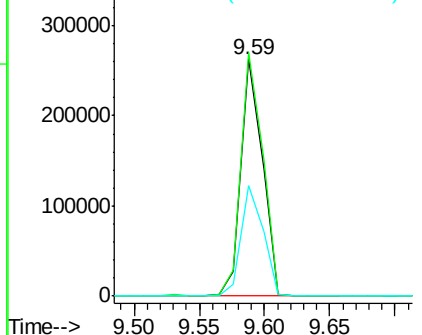


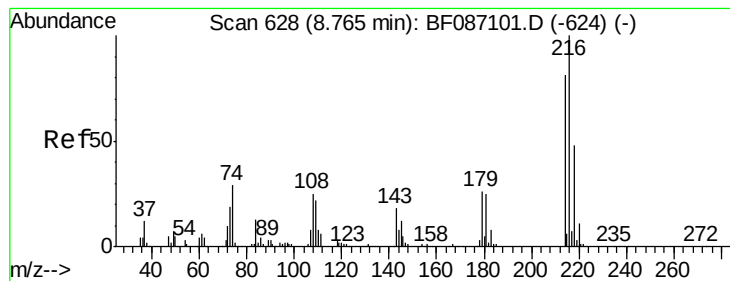
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF087236.D
Acq: 20 May 2016 20:55

Tgt Ion:164 Resp: 298433
Ion Ratio Lower Upper
164 100
162 102.9 82.8 124.2
160 46.7 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.60 ng

RT: 8.73 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampleId :

PB90711BS

Tot Ion:216 Resp: 284154

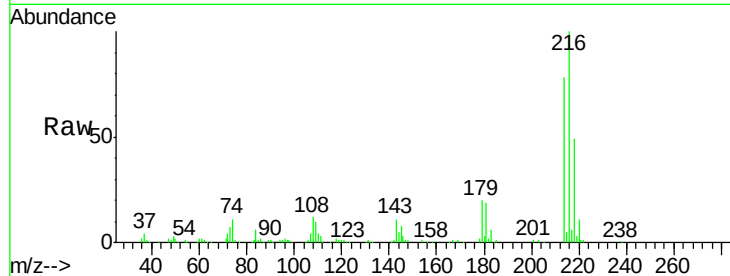
Ion Ratio Lower Upper

216 100

214 79.9 62.6 93.8

179 23.3 18.2 27.4

108 23.5 17.5 26.3

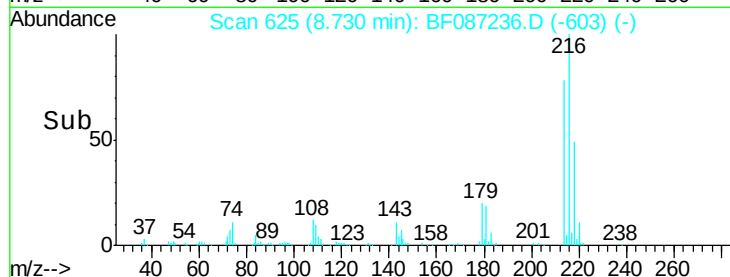


Abundance Ion 216.00 (215.70 to 216.70): E

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



Abundance

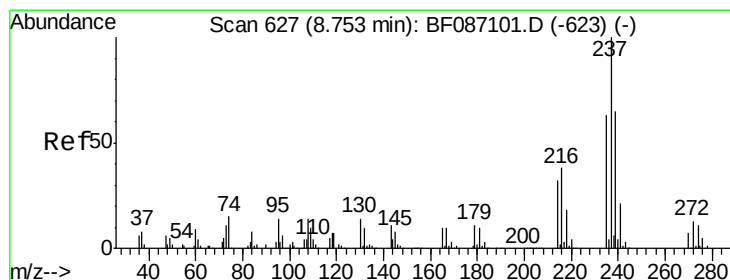
8.73

200000

100000

0

Time-->



#40

Hexachlorocyclopentadiene

Concen: 65.20 ng

RT: 8.71 min Scan# 623

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

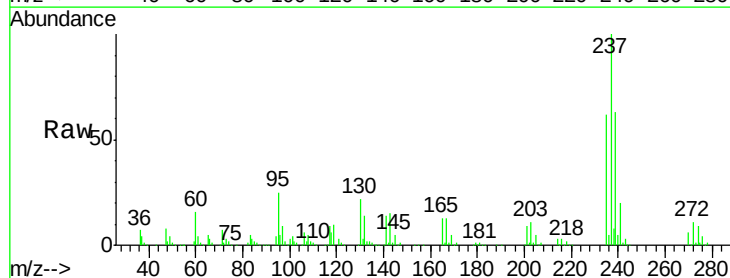
Tgt Ion:237 Resp: 214041

Ion Ratio Lower Upper

237 100

235 62.4 47.2 87.2

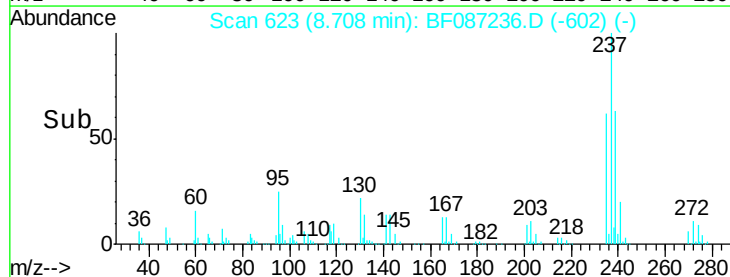
272 11.2 0.0 31.1



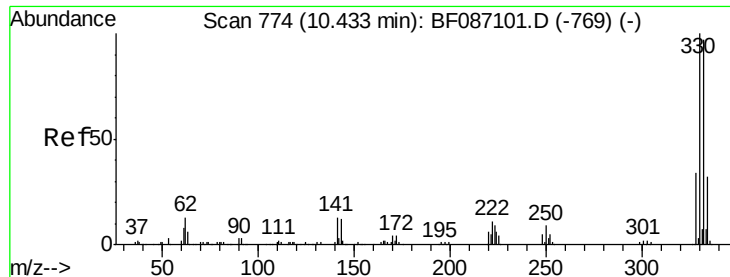
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



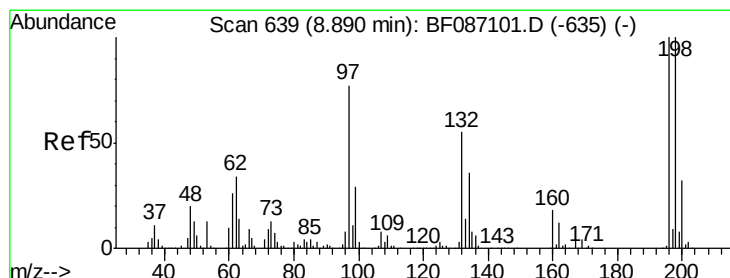
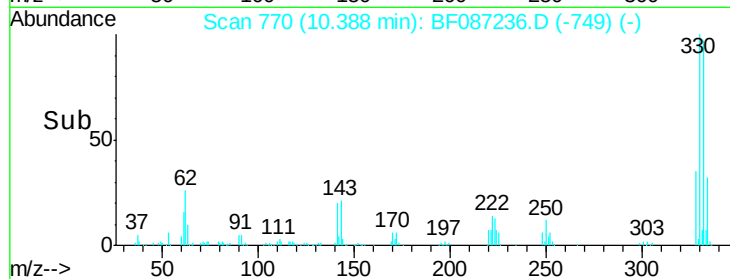
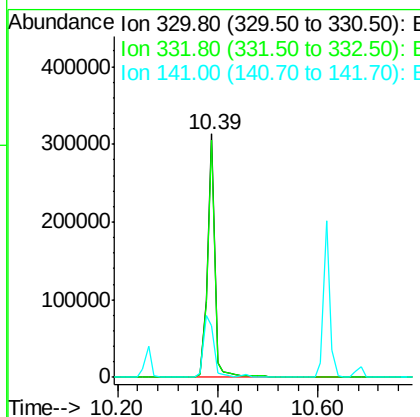
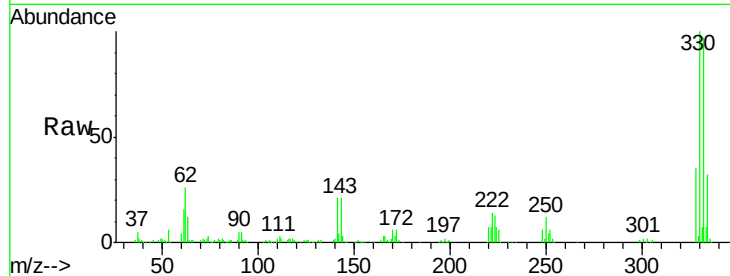
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 98.42 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.06 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

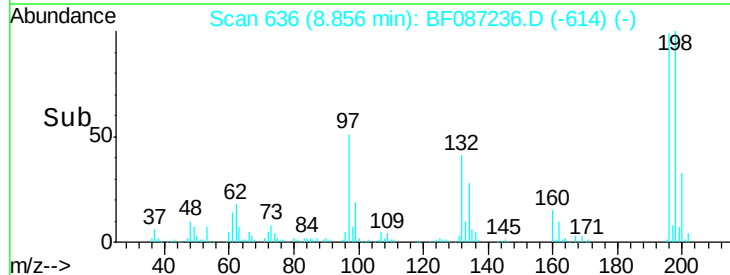
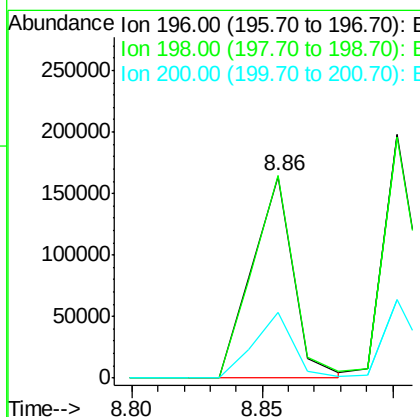
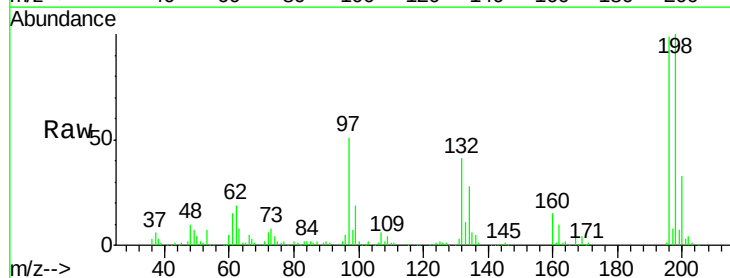
Instrument :
 BNA_F
 ClientSampleId :
 PB90711BS

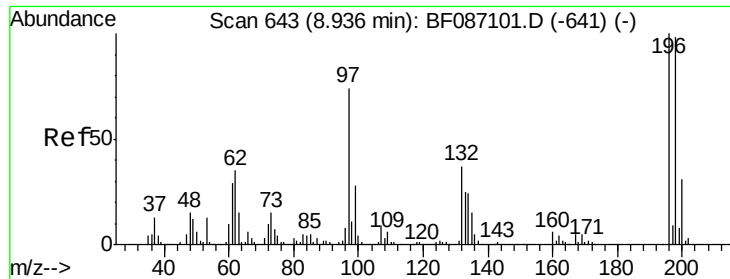
Tot Ion	330	Resp	324566
Ion Ratio	100		
Lower	79.0		
Upper	118.4		
332	96.6		
141	34.4		
	31.2		
	46.8		



#42
 2,4,6-Trichlorophenol
 Concen: 32.31 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.05 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

Tgt Ion	196	Resp	182638
Ion Ratio	100		
Lower	74.7		
Upper	112.1		
198	100.5		
200	32.7		
	23.8		
	35.6		

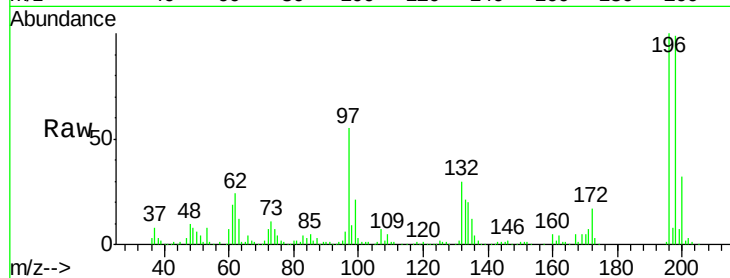




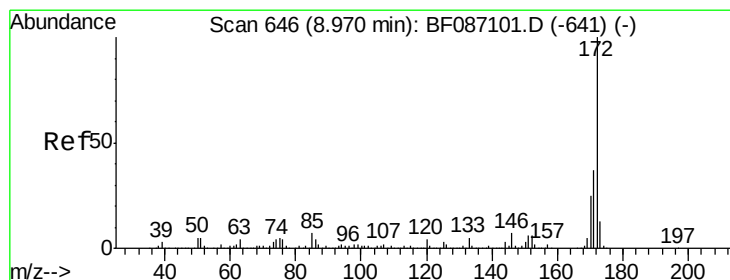
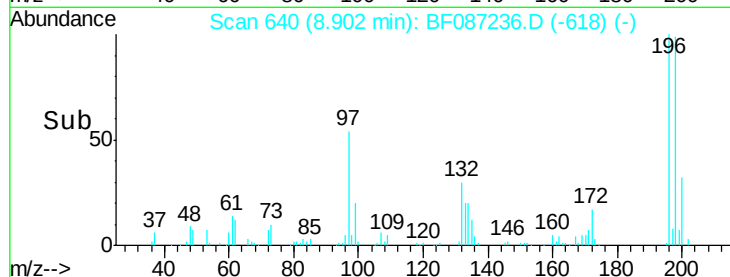
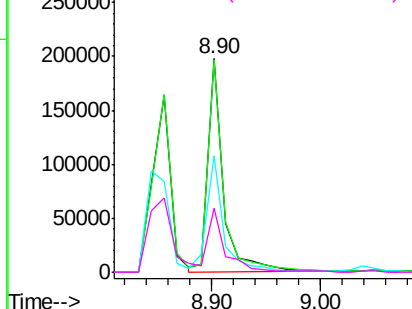
#43
 2,4,5-Trichlorophenol
 Concen: 33.57 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.05 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB90711BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.2	77.5	116.3
97	54.8	34.8	52.2
132	30.1	23.0	34.4

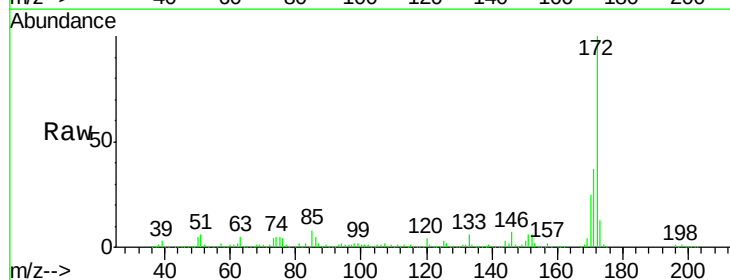


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

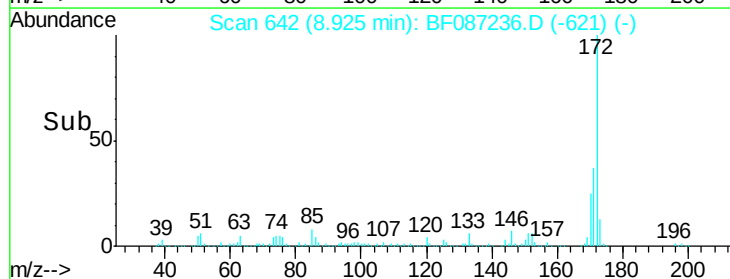
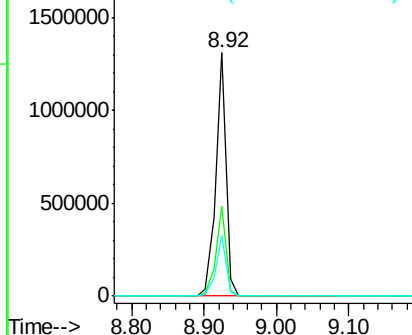


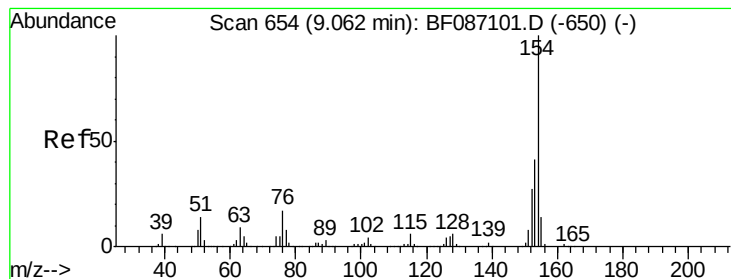
#44
 2-Fluorobiphenyl
 Concen: 71.17 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.06 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.6	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 34.10 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.05 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampleId :

PB90711BS

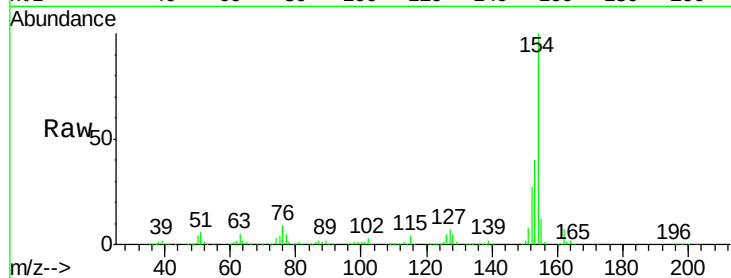
Tot Ion:154 Resp: 843909

Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

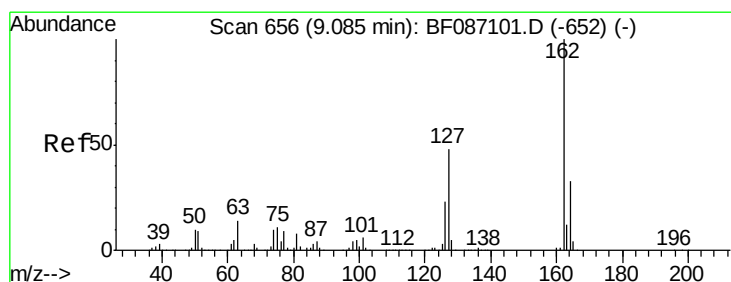
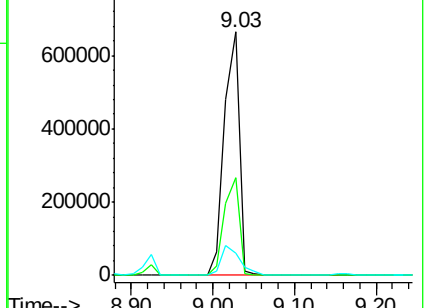
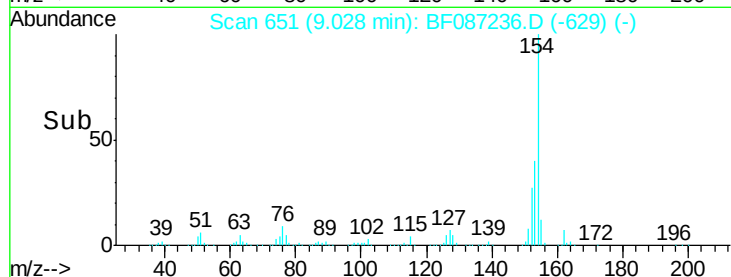
76 9.0 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 32.08 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.05 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

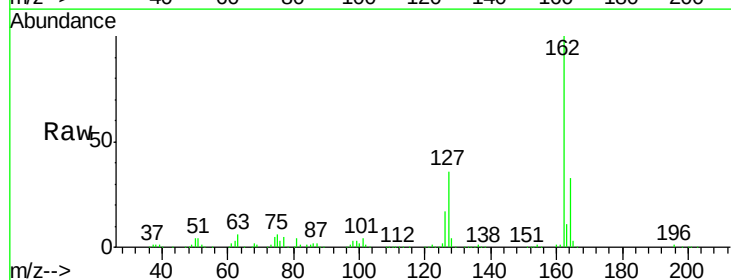
Tgt Ion:162 Resp: 609379

Ion Ratio Lower Upper

162 100

127 36.0 31.8 47.6

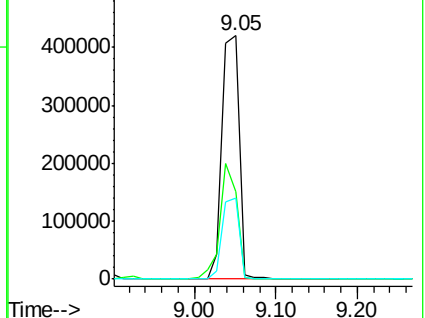
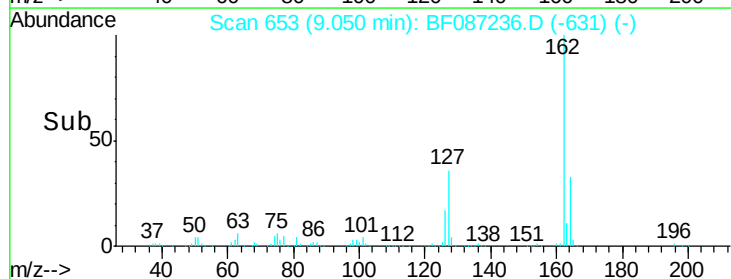
164 33.3 27.0 40.6

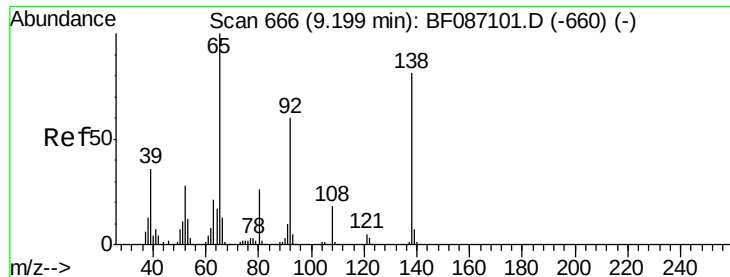


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

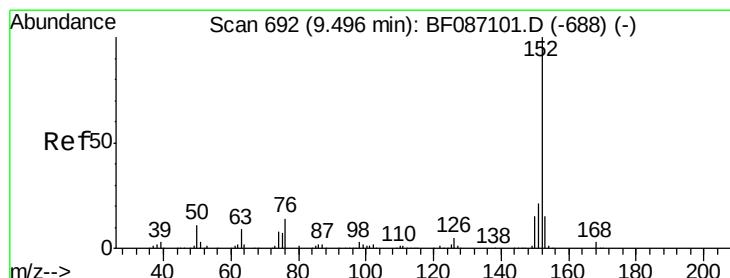
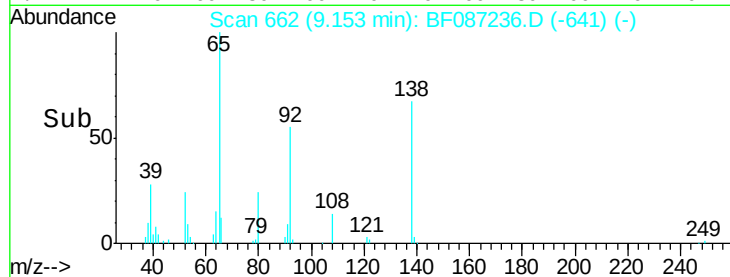
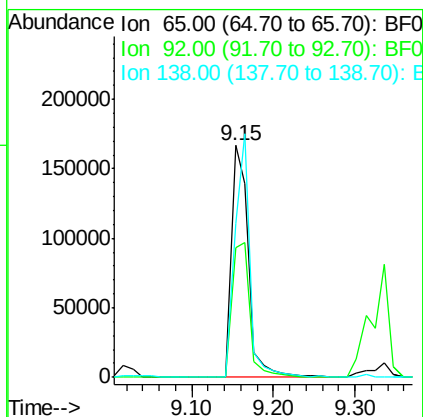
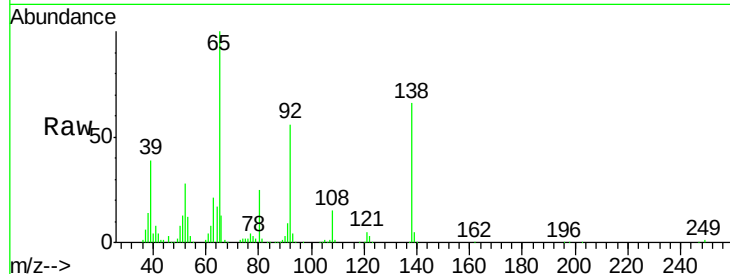




#47
2-Nitroaniline
Concen: 32.67 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.06 min
Lab File: BF087236.D
Acq: 20 May 2016 20:55

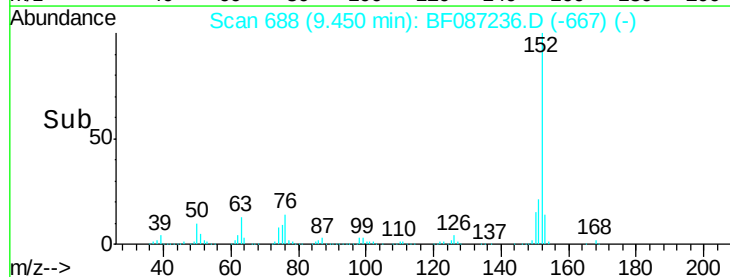
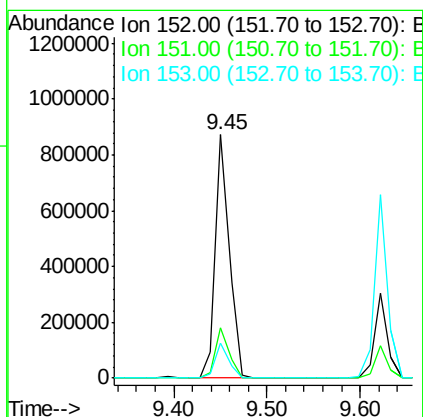
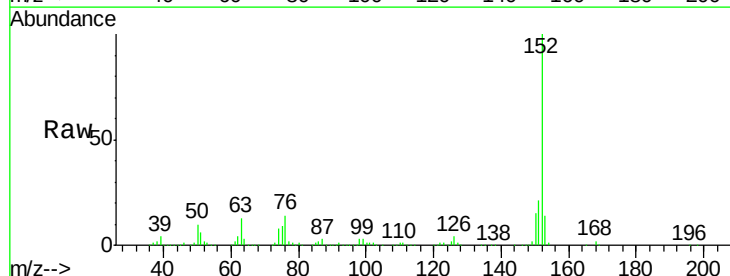
Instrument :
BNA_F
ClientSampleId :
PB90711BS

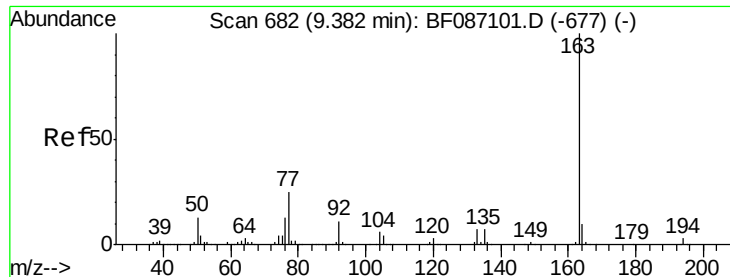
Tot Ion: 65 Resp: 237804
Ion Ratio Lower Upper
65 100
92 55.9 57.4 86.2#
138 66.2 90.1 135.1#



#48
Acenaphthylene
Concen: 31.39 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.06 min
Lab File: BF087236.D
Acq: 20 May 2016 20:55

Tgt Ion: 152 Resp: 910661
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 14.5 10.9 16.3





#49

Dimethylphthalate

Concen: 33.99 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampleId :

PB90711BS

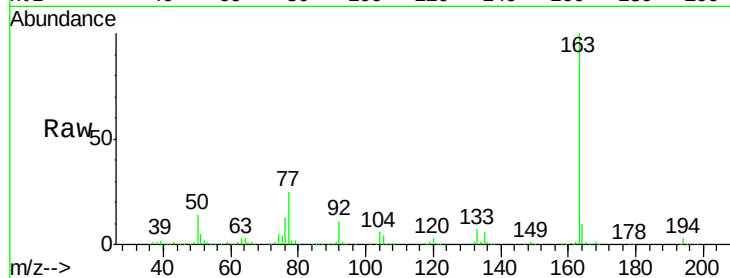
Tot Ion:163 Resp: 773793

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

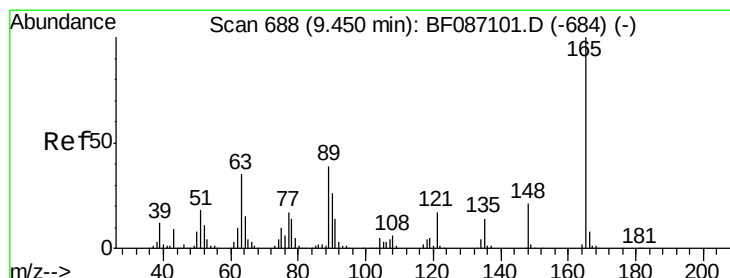
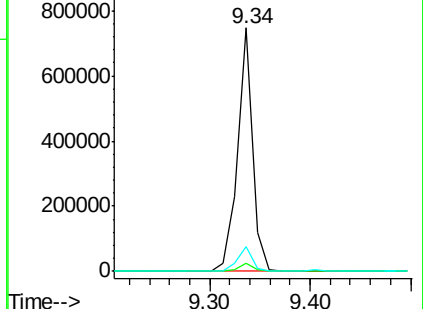
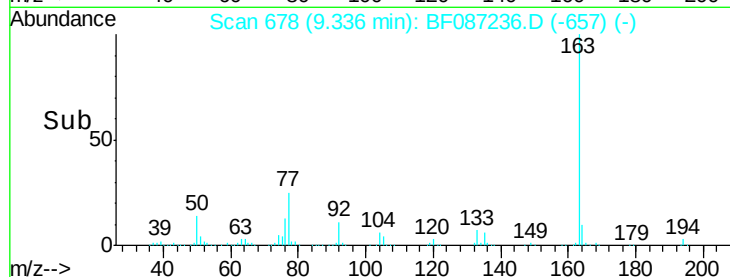
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.28 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

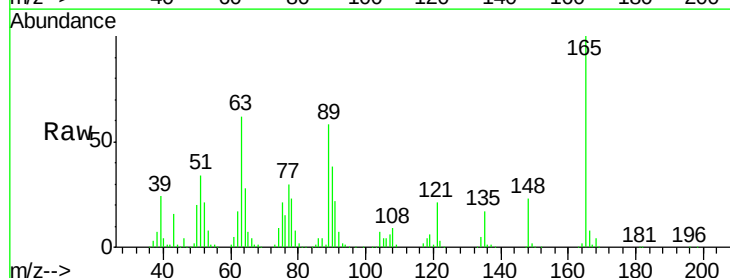
Tgt Ion:165 Resp: 184279

Ion Ratio Lower Upper

165 100

63 61.6 51.8 77.8

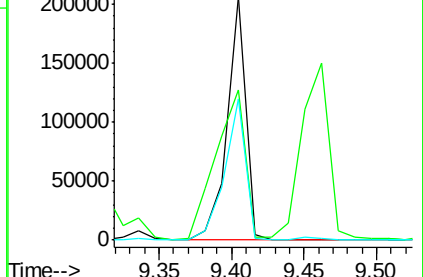
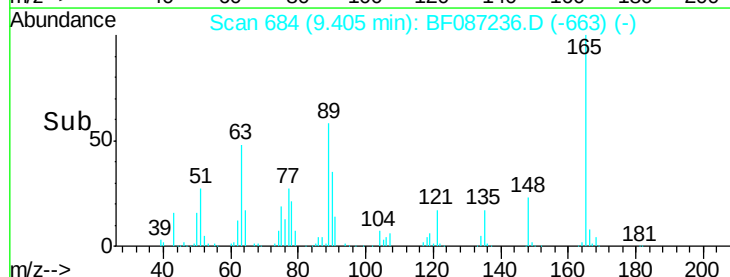
89 58.2 50.7 76.1

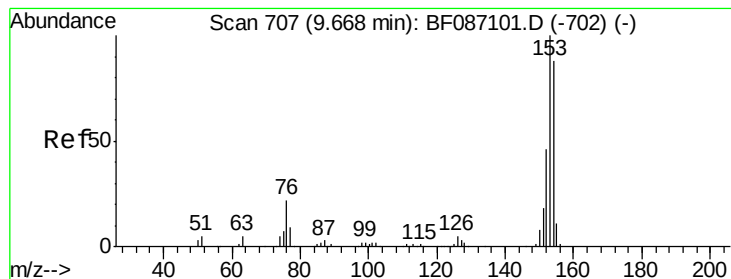


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 31.26 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampleId :

PB90711BS

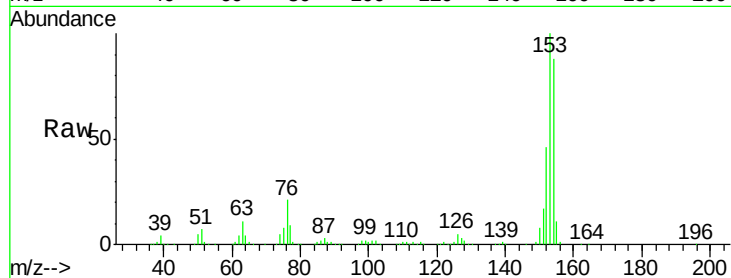
Tot Ion:154 Resp: 566492

Ion Ratio Lower Upper

154 100

153 114.2 89.8 134.6

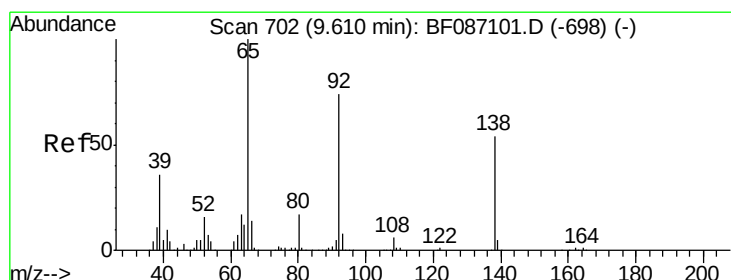
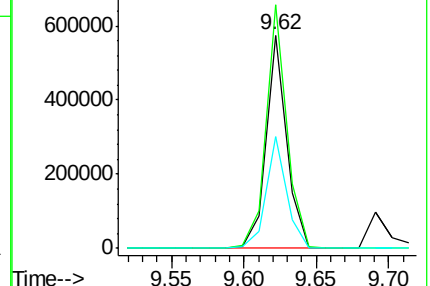
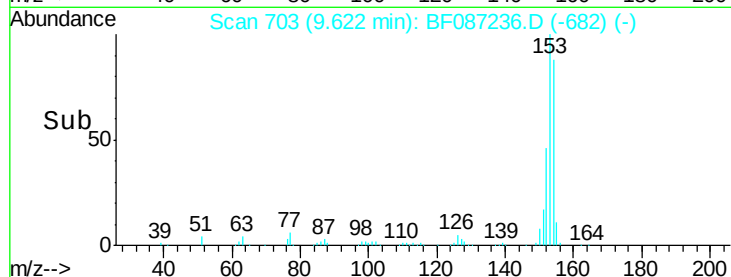
152 52.6 43.4 65.0



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: 14.81 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

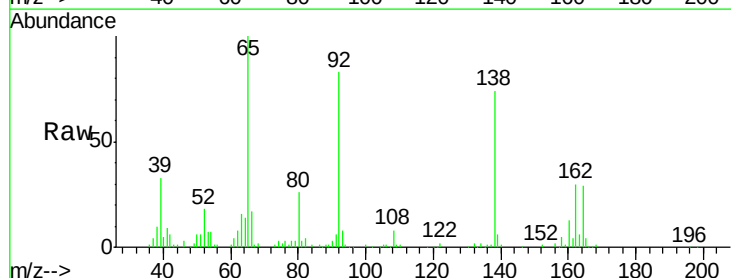
Tgt Ion:138 Resp: 79230

Ion Ratio Lower Upper

138 100

108 11.2 7.8 11.6

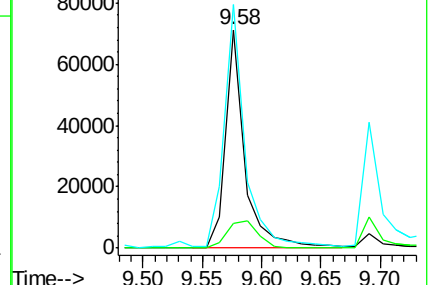
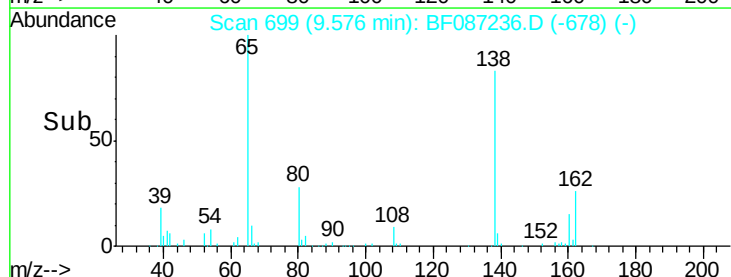
92 111.6 87.8 131.8

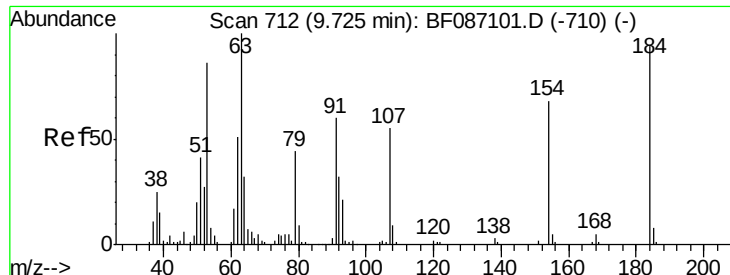


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

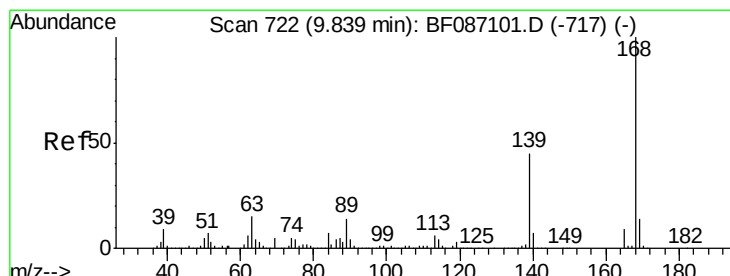
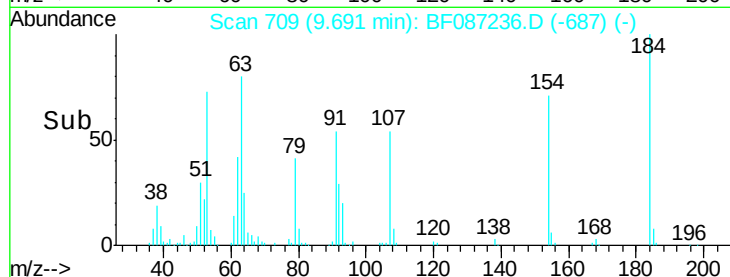
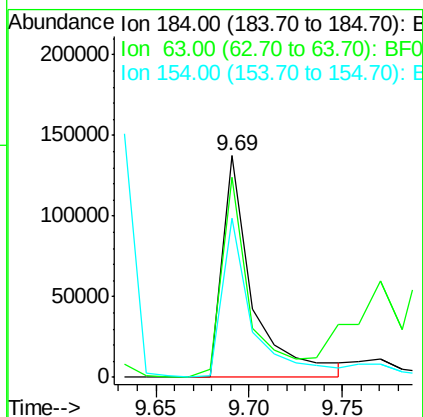
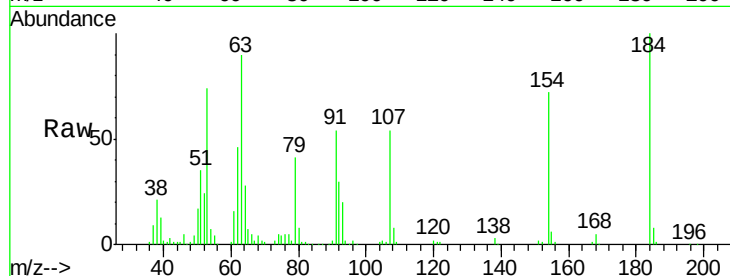




#53
2,4-Dinitrophenol
Concen: 57.39 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.05 min
Lab File: BF087236.D
Acq: 20 May 2016 20:55

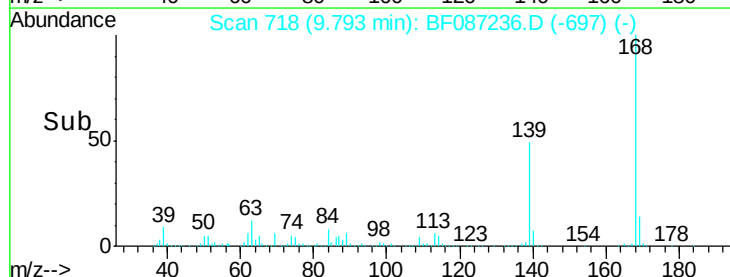
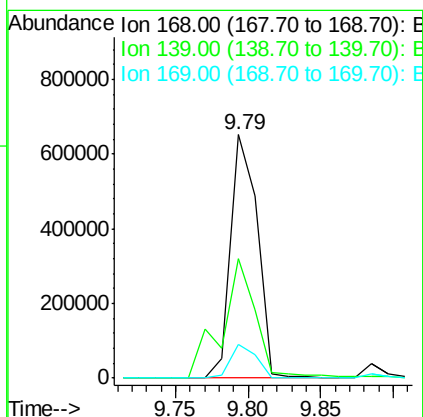
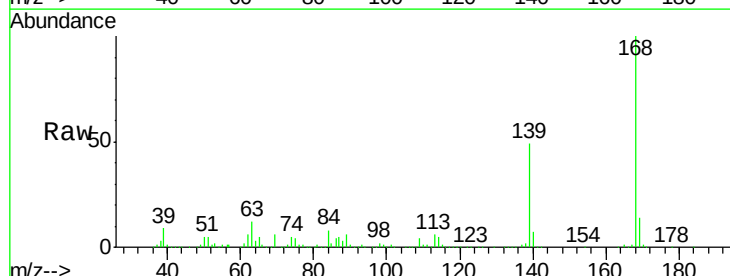
Instrument :
BNA_F
ClientSampleId :
PB90711BS

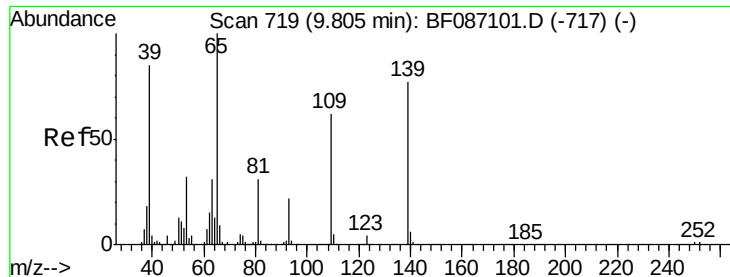
Tot Ion:184 Resp: 158509
Ion Ratio Lower Upper
184 100
63 90.3 55.8 83.8#
154 71.9 62.4 93.6



#54
Dibenzofuran
Concen: 35.48 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.06 min
Lab File: BF087236.D
Acq: 20 May 2016 20:55

Tgt Ion:168 Resp: 831364
Ion Ratio Lower Upper
168 100
139 48.9 31.4 47.0#
169 14.0 10.7 16.1





#55

4-Nitrophenol

Concen: 49.95 ng/mL

RT: 9.77 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampleId :

PB90711BS

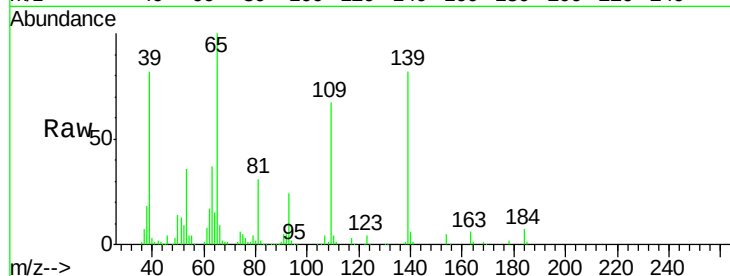
Tot Ion:139 Resp: 145798

Ion Ratio Lower Upper

139 100

109 81.8 36.9 76.9#

65 122.1 64.0 104.0#

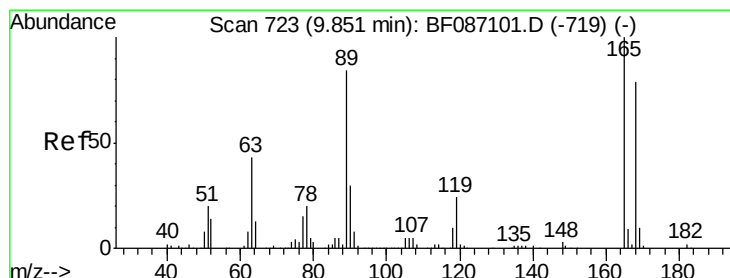
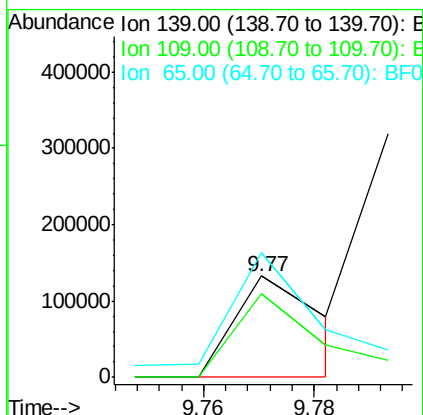
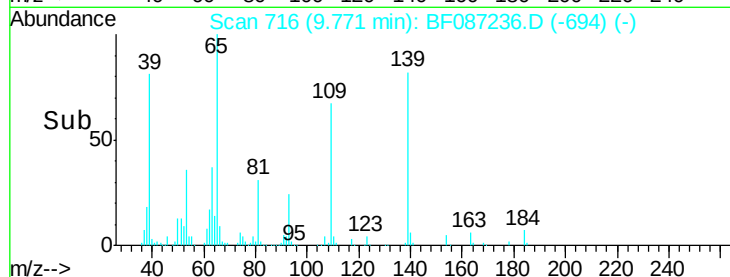


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->



#56

2,4-Dinitrotoluene

Concen: 32.79 ng/mL

RT: 9.80 min Scan# 719

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Tgt Ion:165 Resp: 207579

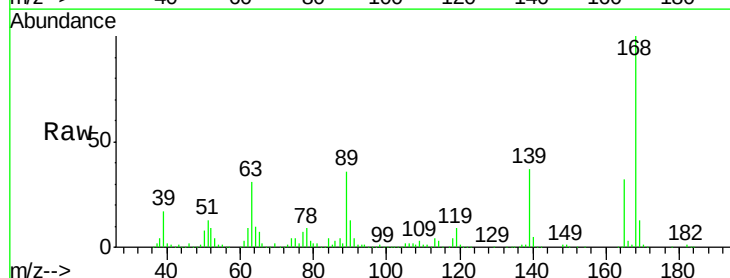
Ion Ratio Lower Upper

165 100

63 94.9 44.3 66.5#

89 112.0 70.0 105.0#

182 2.2 1.8 2.6



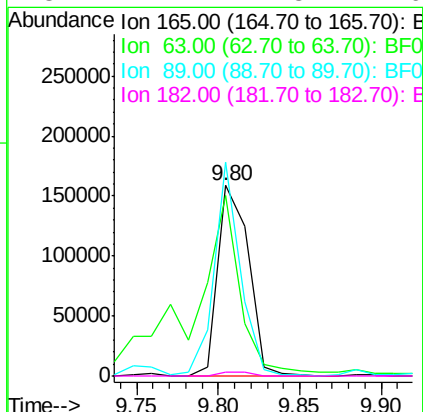
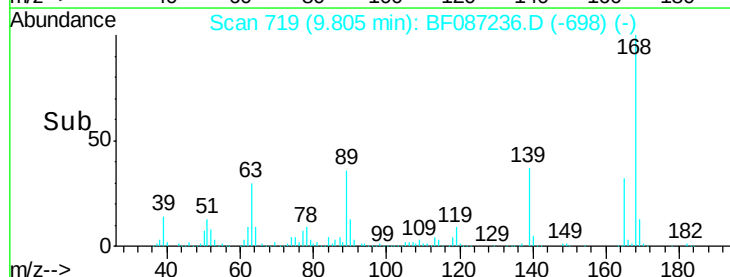
Abundance Ion 165.00 (164.70 to 165.70): E

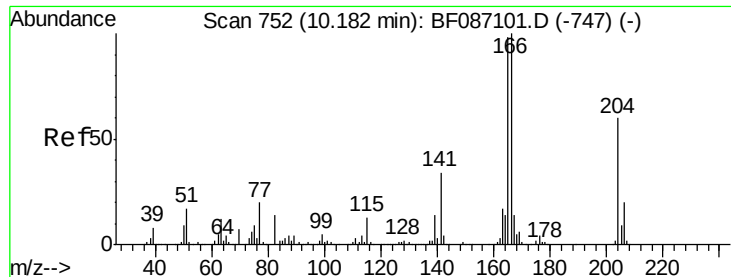
Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E

Time-->

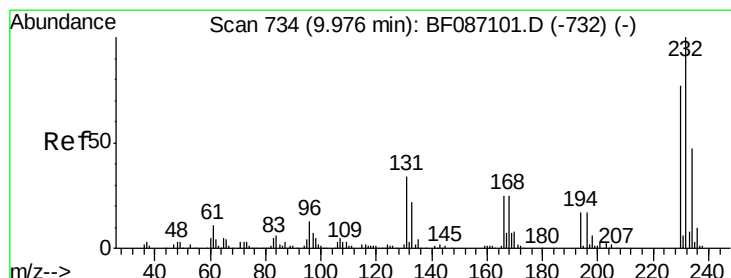
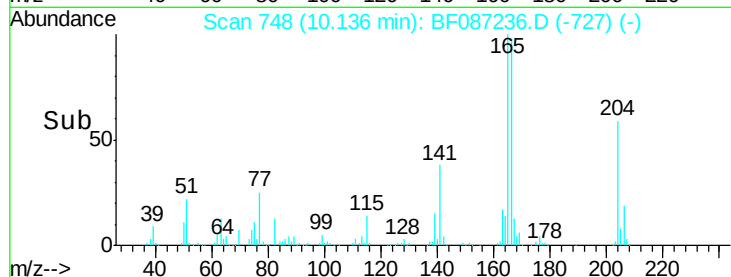
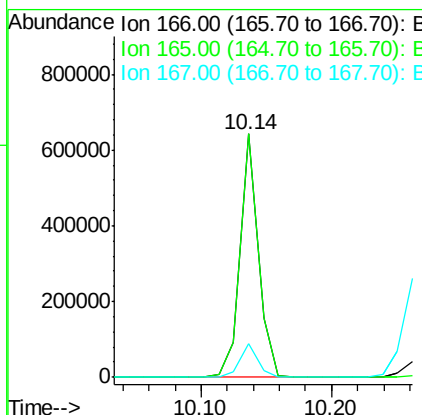
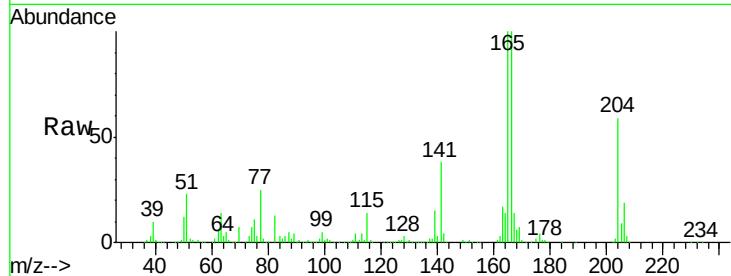




#57
 Fluorene
 Concen: 32.97 ng
 RT: 10.14 min Scan# 748
 Delta R.T. -0.06 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

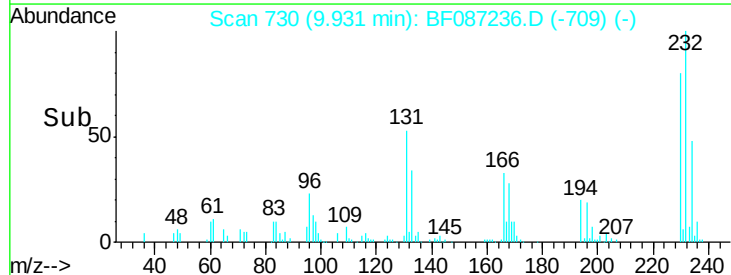
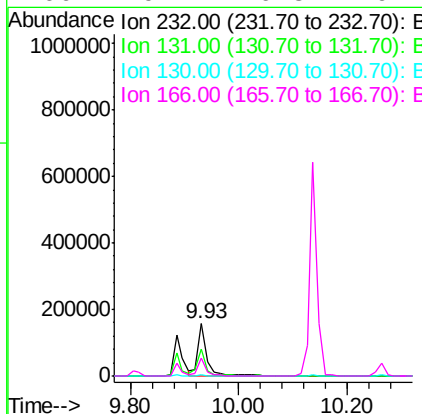
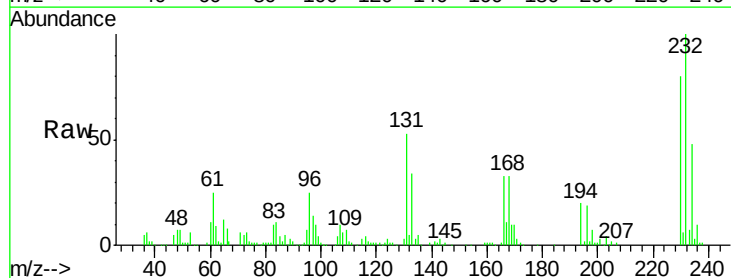
Instrument :
 BNA_F
 ClientSampleId :
 PB90711BS

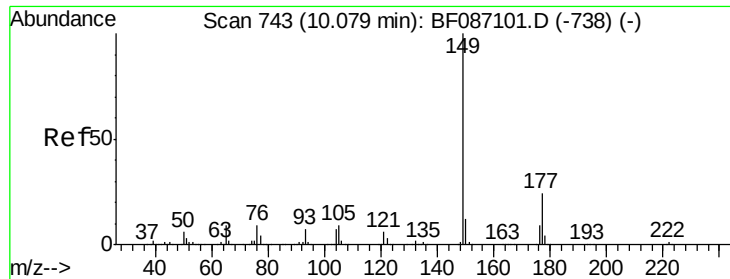
Tot Ion:166 Resp: 620749
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.0 118.6
 167 13.9 10.6 15.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.62 ng
 RT: 9.93 min Scan# 730
 Delta R.T. -0.06 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

Tgt Ion:232 Resp: 181229
 Ion Ratio Lower Upper
 232 100
 131 49.6 41.9 62.9
 130 2.7 2.2 3.4
 166 29.7 26.8 40.2

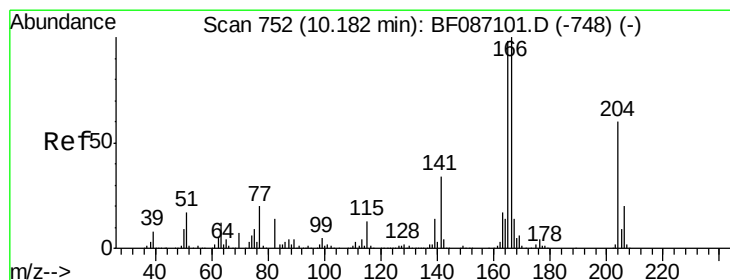
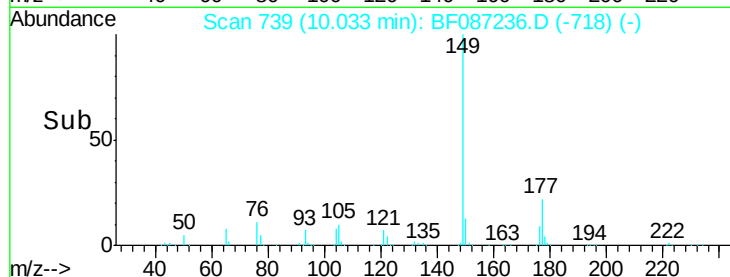
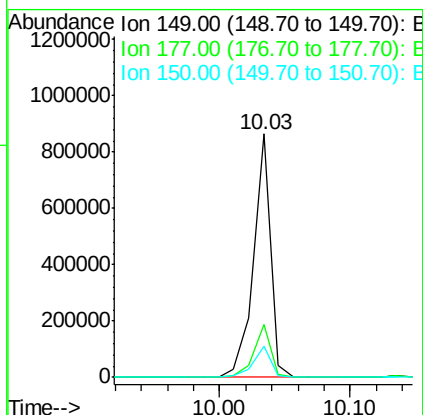
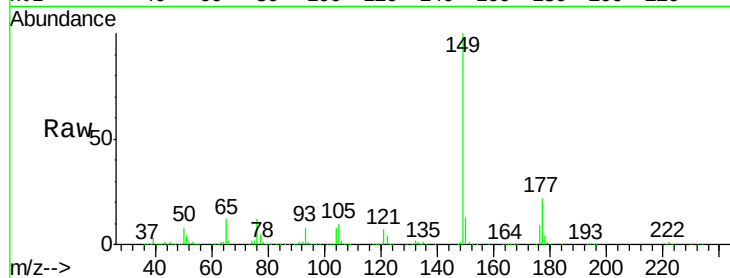




#59
Diethylphthalate
Concen: 36.36 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.06 min
Lab File: BF087236.D
Acq: 20 May 2016 20:55

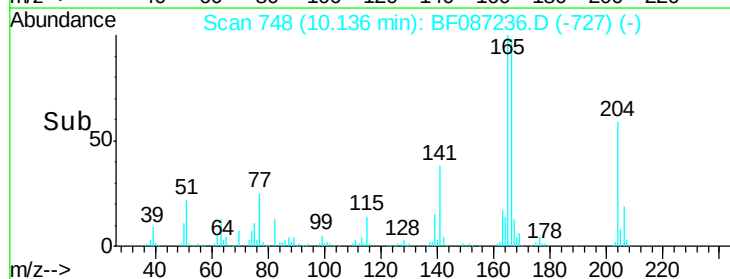
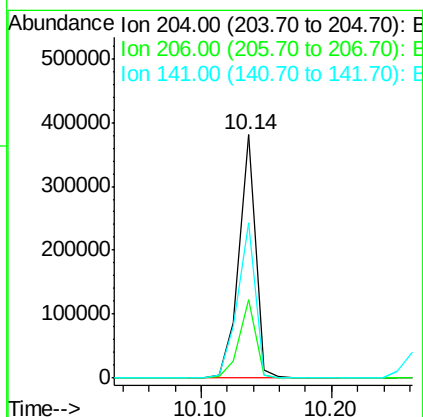
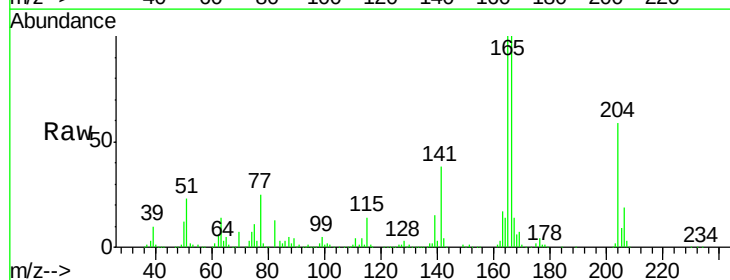
Instrument :
BNA_F
ClientSampleId :
PB90711BS

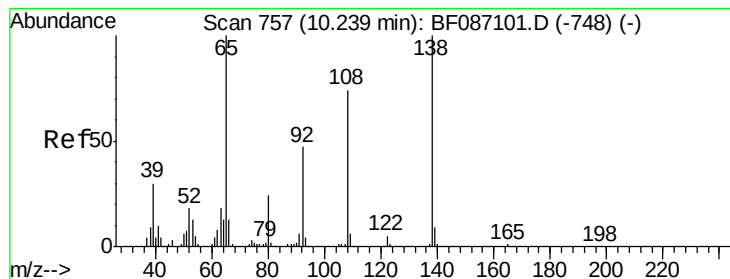
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.6	24.8
150	12.8	10.0	15.0



#60
4-Chlorophenyl-phenylether
Concen: 37.57 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.06 min
Lab File: BF087236.D
Acq: 20 May 2016 20:55

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.4	38.0
141	63.8	61.6	92.4





#61

4-Nitroaniline

Concen: 33.30 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampleId :

PB90711BS

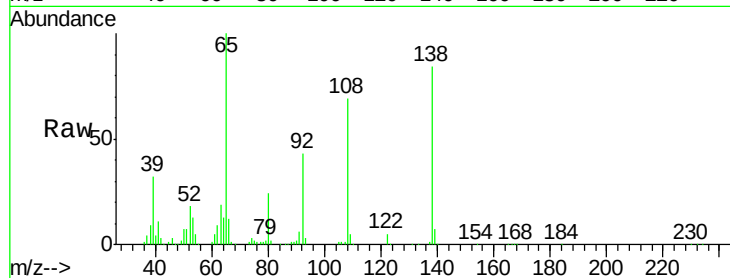
Tot Ion:138 Resp: 175926

Ion Ratio Lower Upper

138 100

92 51.6 24.7 64.7

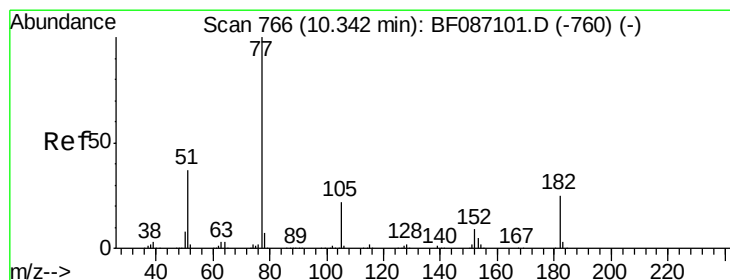
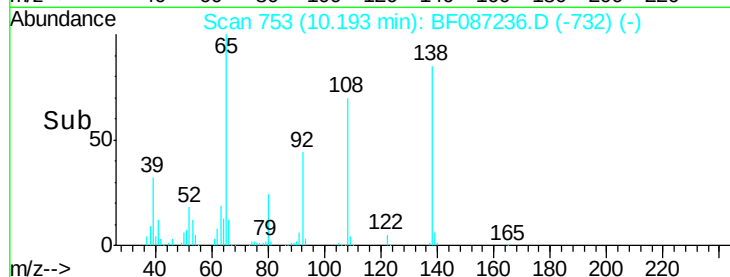
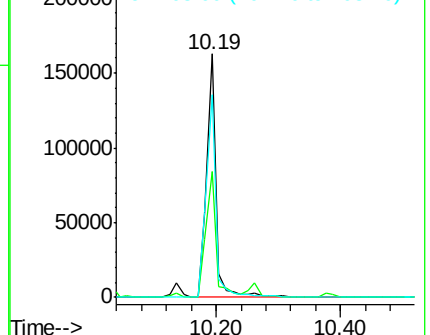
108 83.1 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.02 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Tgt Ion: 77 Resp: 952104

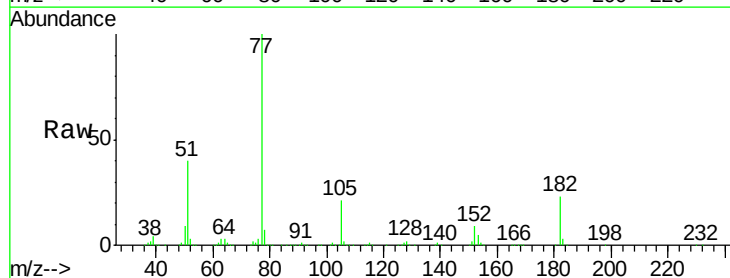
Ion Ratio Lower Upper

77 100

182 23.1 0.0 38.8

105 21.5 3.2 43.2

51 40.0 8.8 48.8

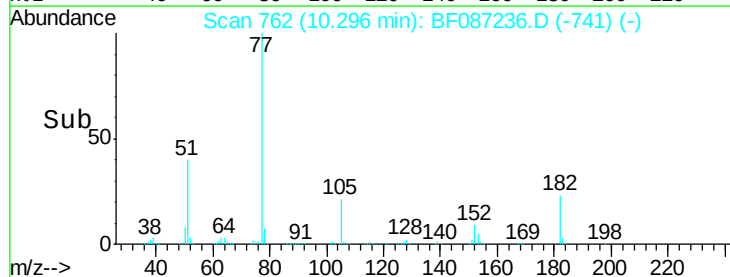
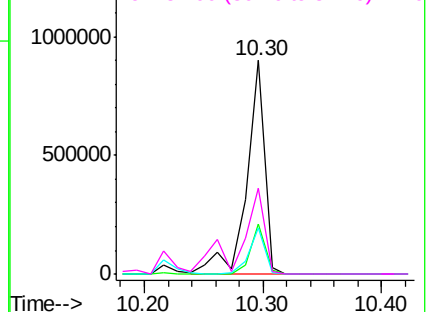


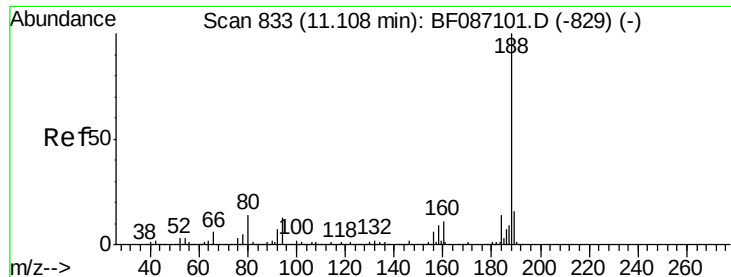
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.05 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampleId :

PB90711BS

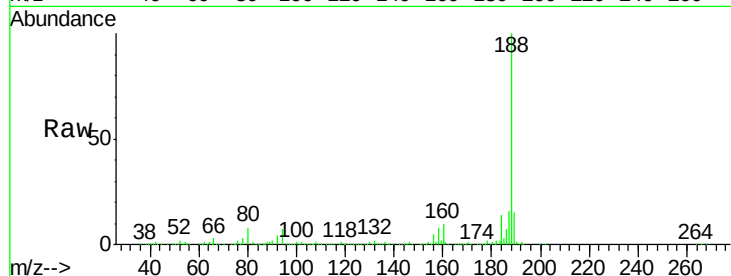
Tot Ion:188 Resp: 579512

Ion Ratio Lower Upper

188 100

94 7.3 6.8 10.2

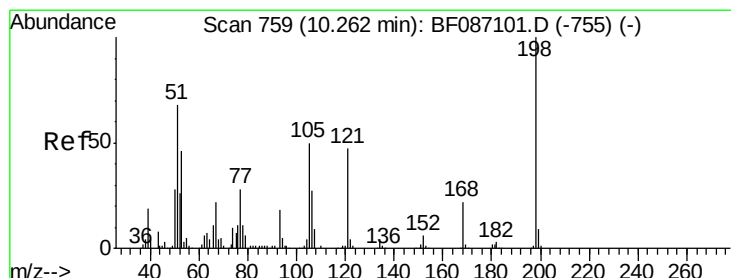
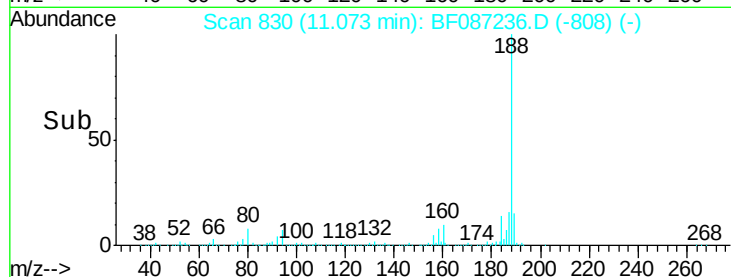
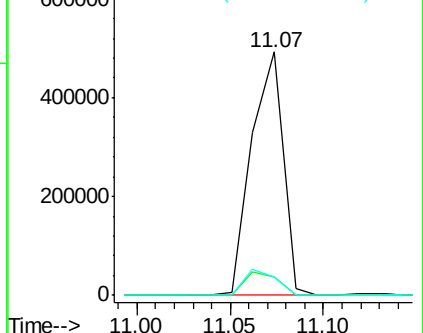
80 7.7 7.1 10.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 31.71 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

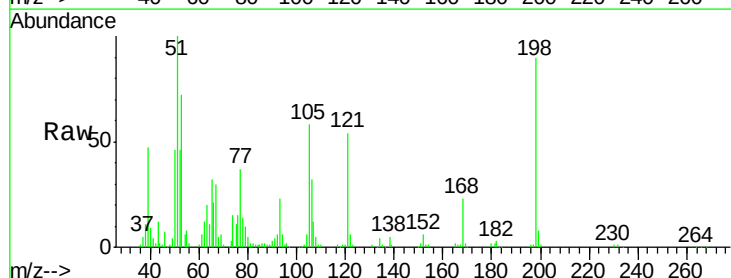
Tgt Ion:198 Resp: 121010

Ion Ratio Lower Upper

198 100

51 111.2 20.5 60.5#

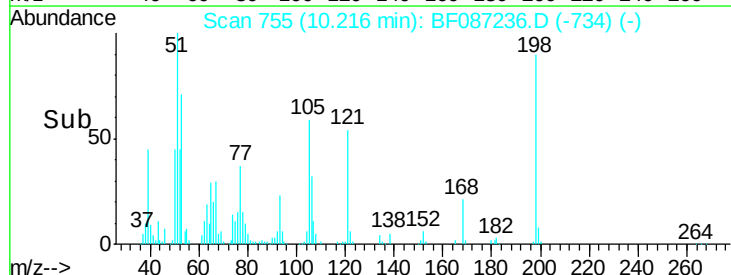
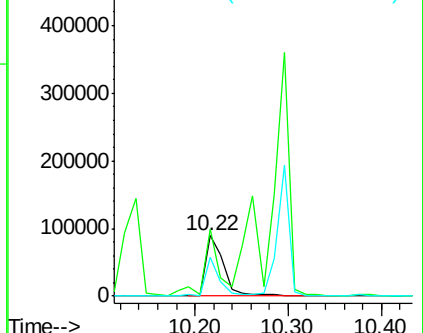
105 65.0 24.5 64.5#

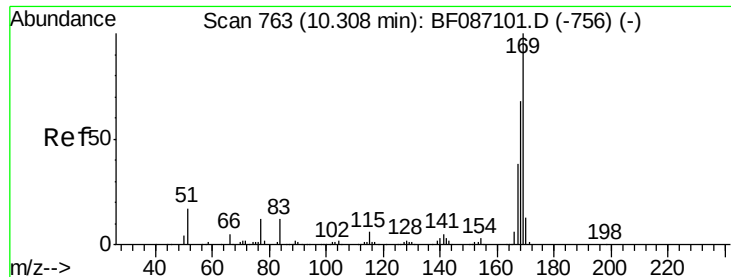


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.03 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampleId :

PB90711BS

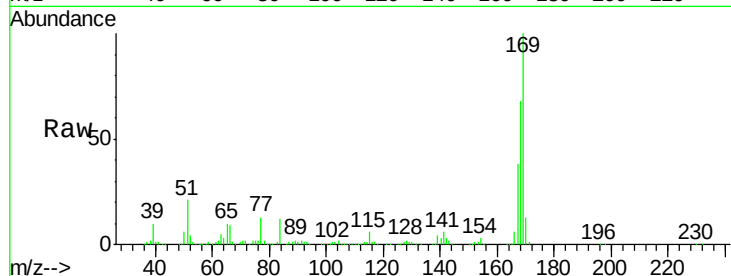
Tot Ion:169 Resp: 638907

Ion Ratio Lower Upper

169 100

168 68.4 53.8 80.6

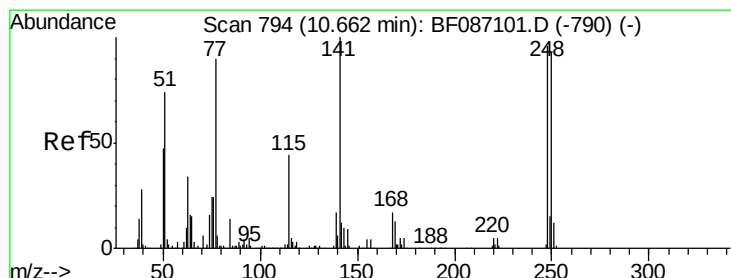
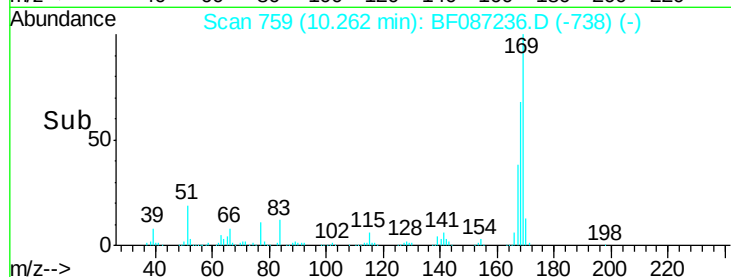
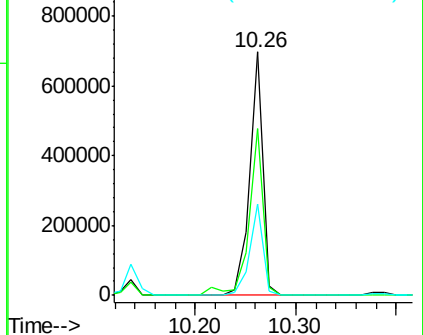
167 37.6 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 32.37 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

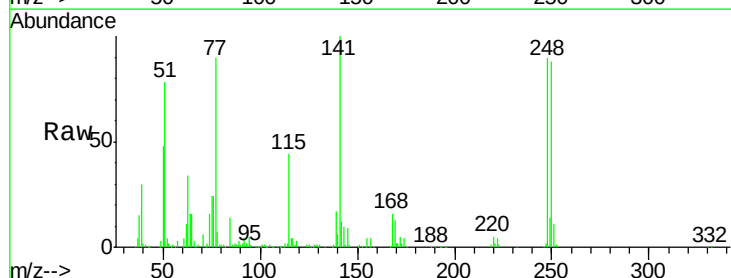
Tgt Ion:248 Resp: 192892

Ion Ratio Lower Upper

248 100

250 97.6 78.6 117.8

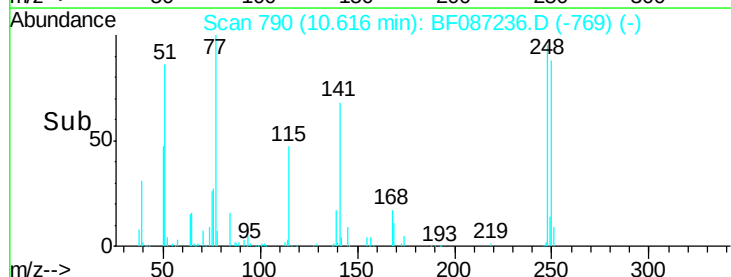
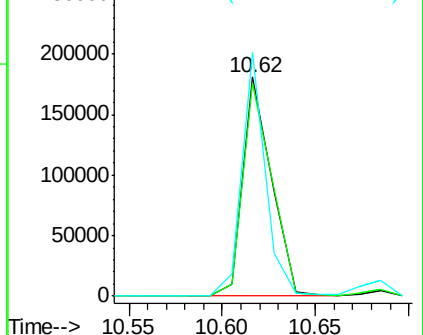
141 111.3 76.0 114.0

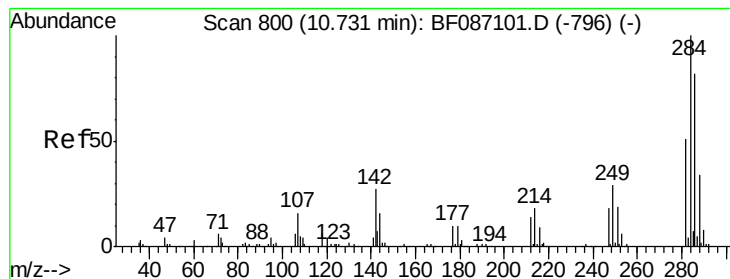


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 31.48 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampleId :

PB90711BS

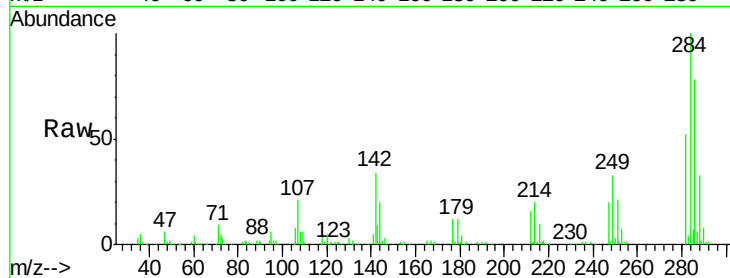
Tot Ion:284 Resp: 217485

Ion Ratio Lower Upper

284 100

142 33.8 16.7 25.1#

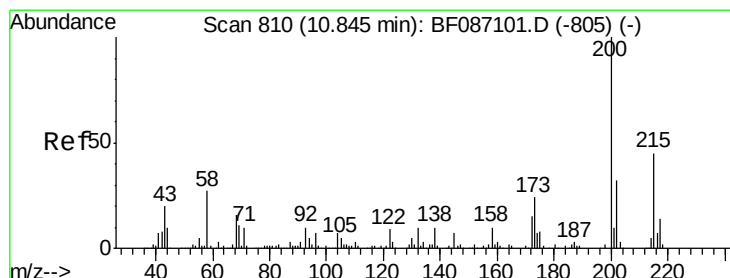
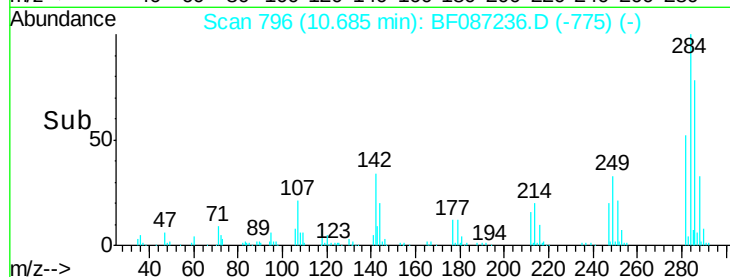
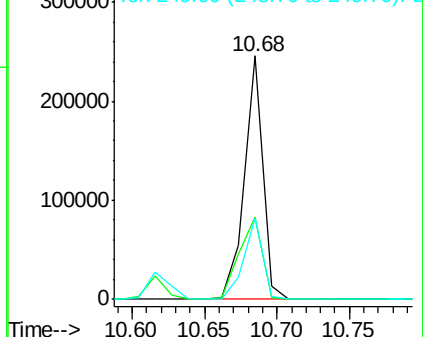
249 33.1 21.3 31.9#



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: 37.01 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

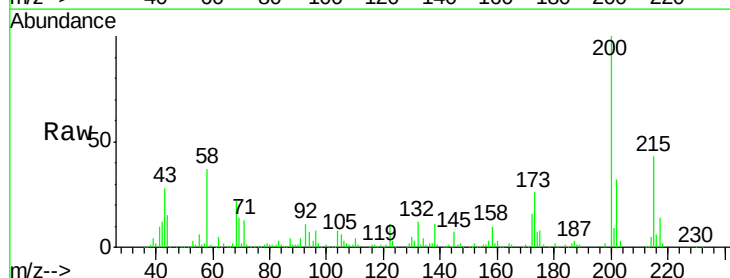
Tgt Ion:200 Resp: 220163

Ion Ratio Lower Upper

200 100

173 25.8 8.5 48.5

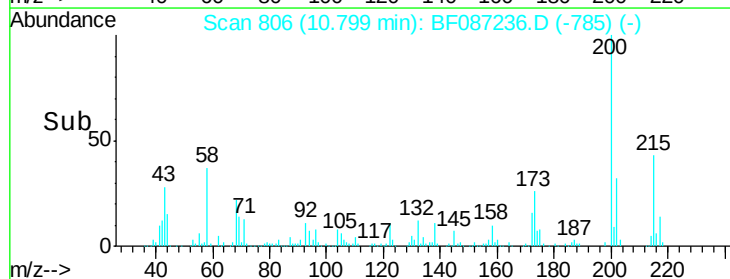
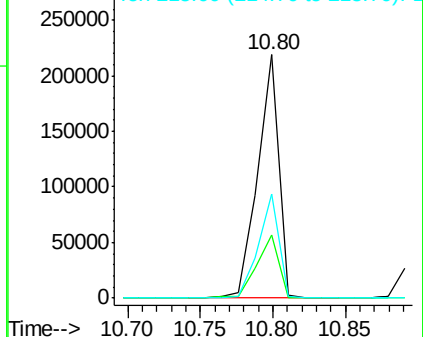
215 42.7 27.2 67.2

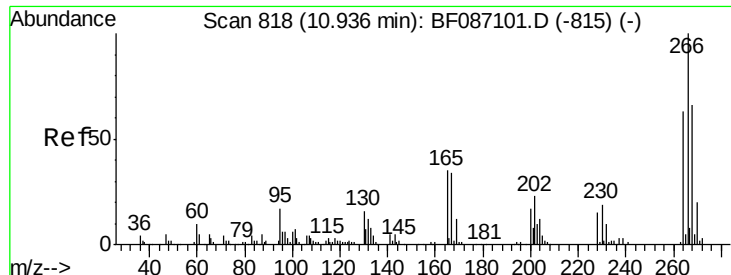


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

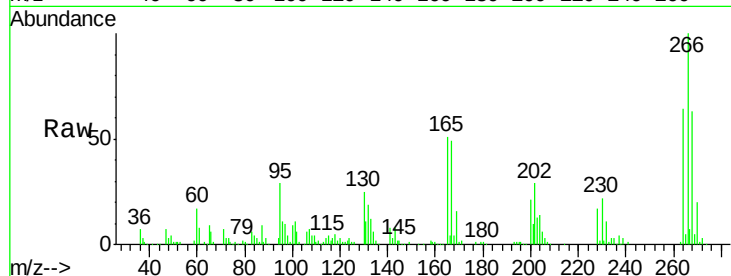




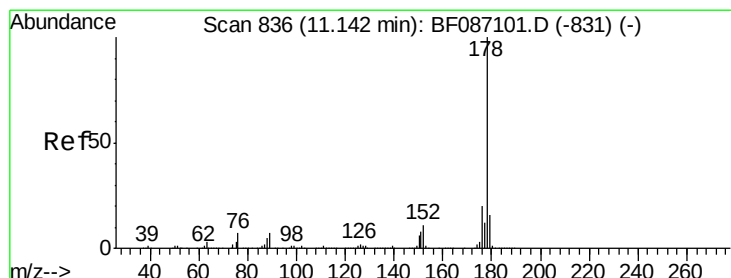
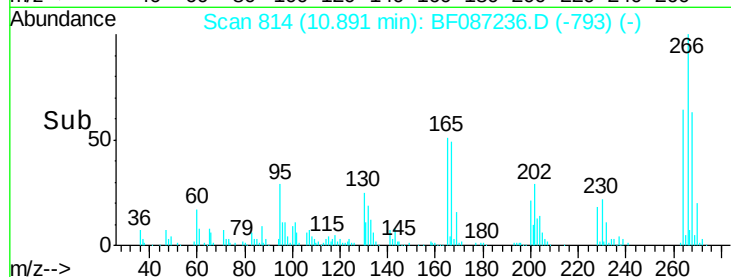
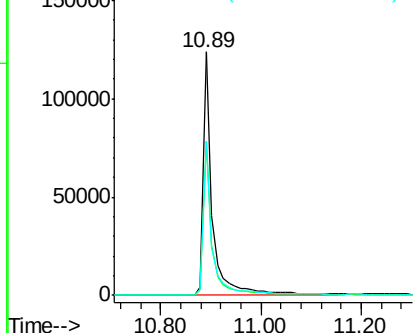
#69
 Pentachlorophenol
 Concen: 61.69 ng
 RT: 10.89 min Scan# 814
 Delta R.T. -0.06 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB90711BS

Tot Ion:266 Resp: 160131
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.5 77.3
 264 63.5 52.9 79.3

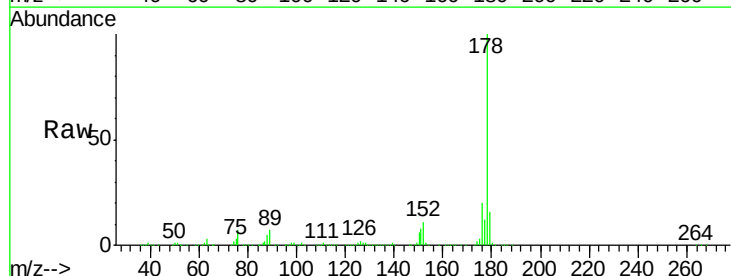


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

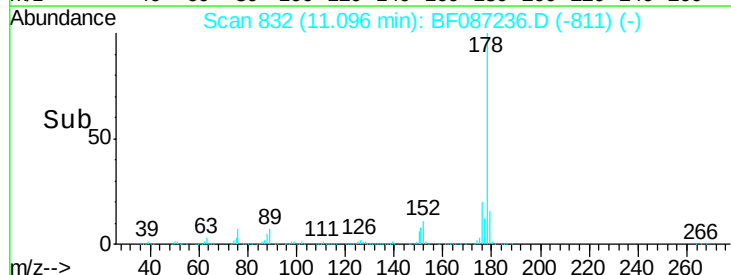
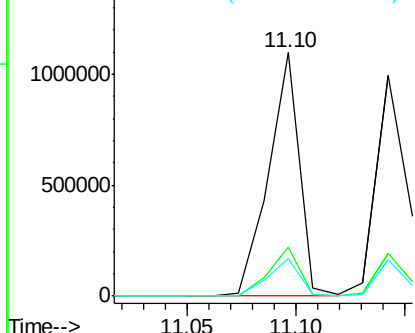


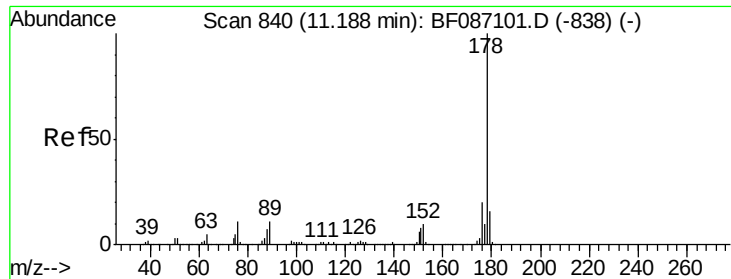
#70
 Phenanthrene
 Concen: 34.47 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.06 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

Tgt Ion:178 Resp: 1083272
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 15.6 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

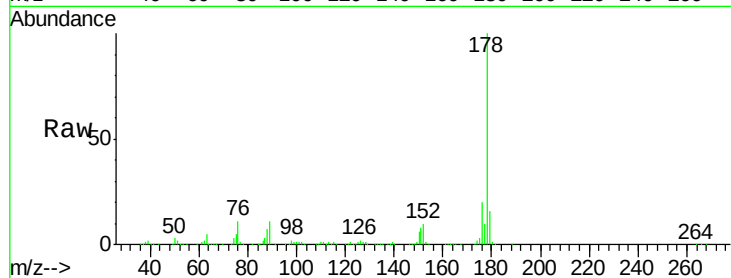




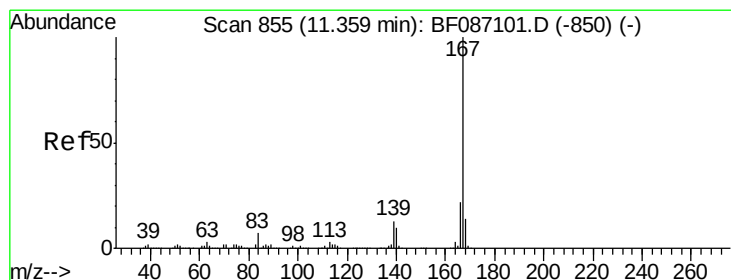
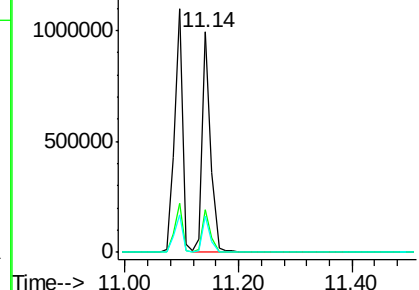
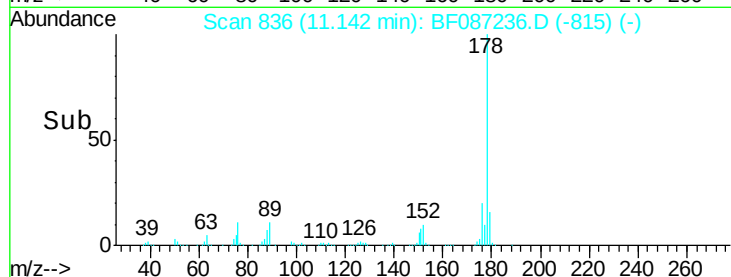
#71
 Anthracene
 Concen: 31.50 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.06 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB90711BS

Tot Ion:178 Resp: 1001270
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 16.2 12.7 19.1

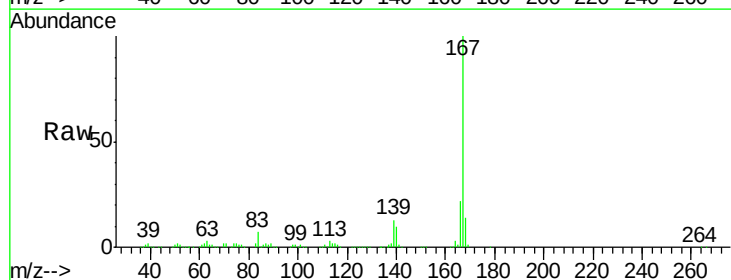


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

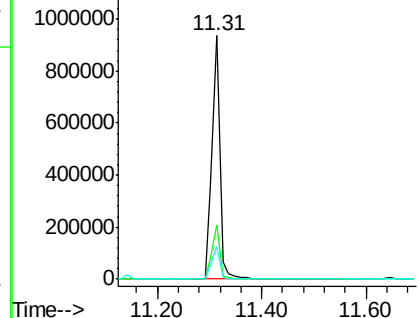
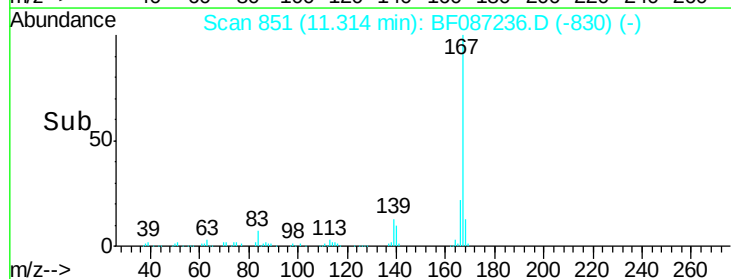


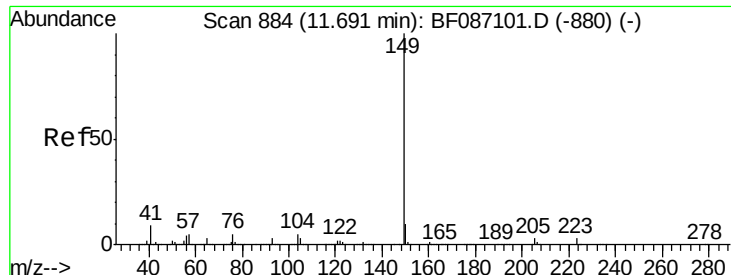
#72
 Carbazole
 Concen: 33.54 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.06 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

Tgt Ion:167 Resp: 974047
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 13.5 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.28 ng

RT: 11.64 min Scan# 880

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampleId :

PB90711BS

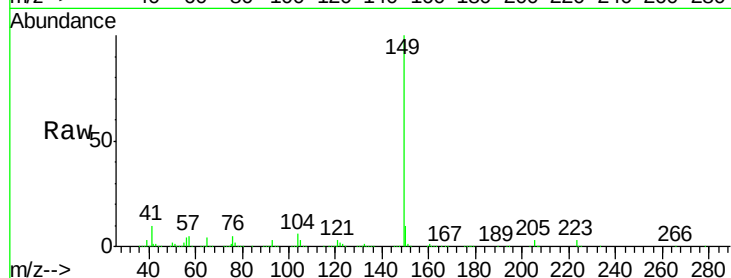
Tot Ion:149 Resp: 1243573

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

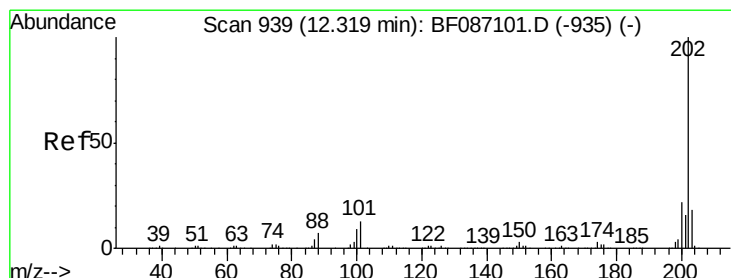
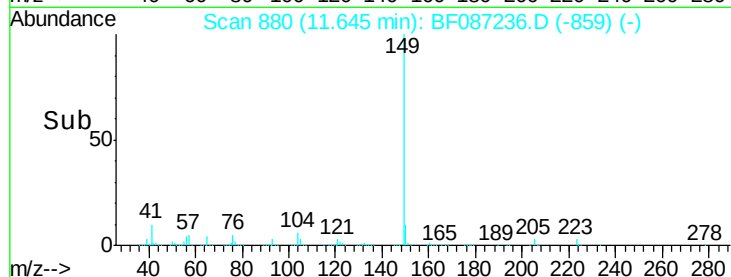
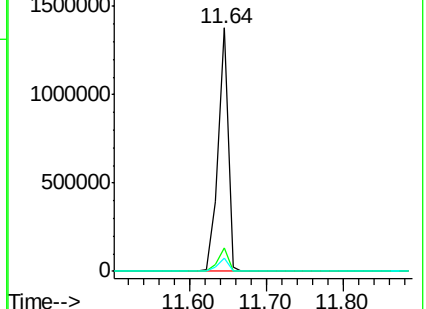
104 5.6 3.8 5.6



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: 32.74 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

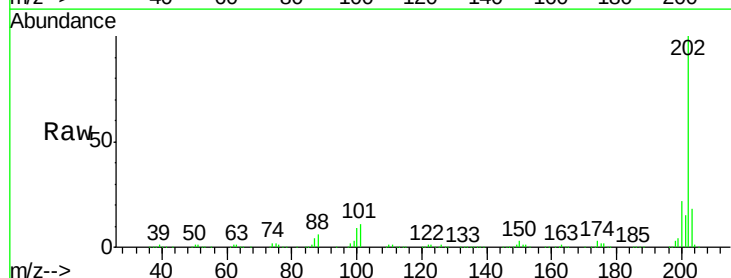
Tgt Ion:202 Resp: 1030947

Ion Ratio Lower Upper

202 100

101 11.4 0.0 35.4

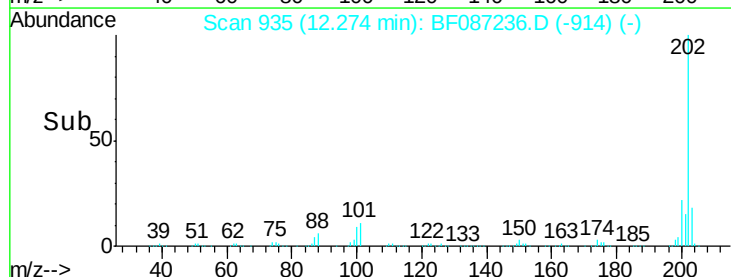
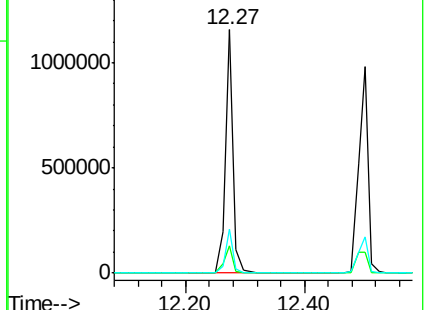
203 17.9 0.0 38.1

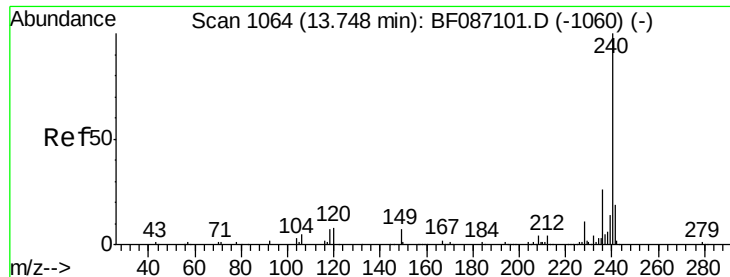


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.69 min Scan# 1059

Delta R.T. -0.07 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

BNA_F

ClientSampleId :

PB90711BS

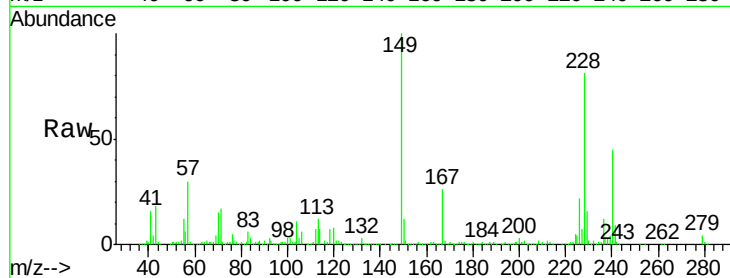
Tot Ion:240 Resp: 394374

Ion Ratio Lower Upper

240 100

120 17.7 11.2 16.8#

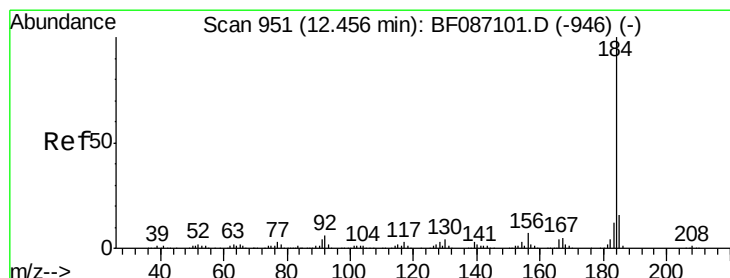
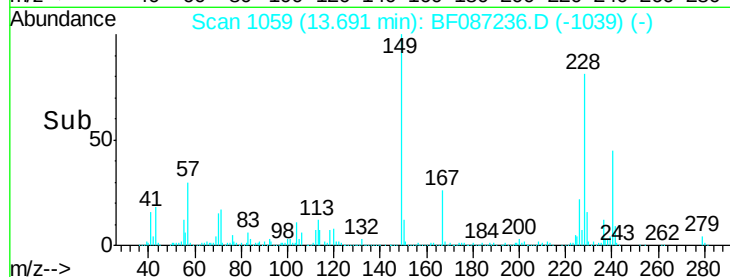
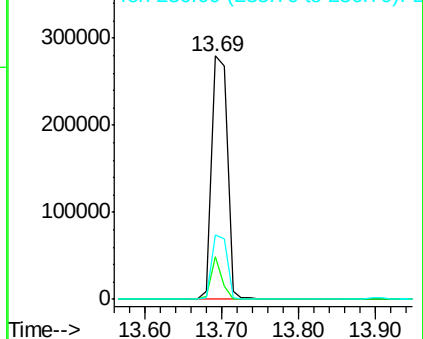
236 26.6 21.2 31.8



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: 18.67 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

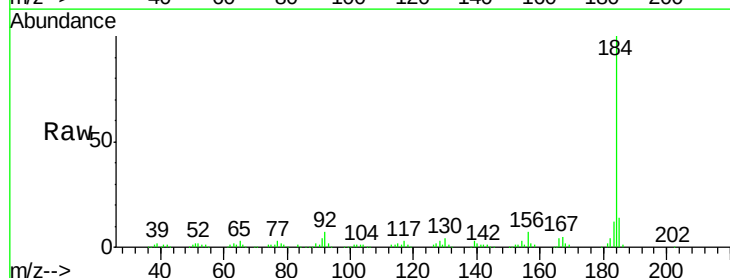
Tgt Ion:184 Resp: 240851

Ion Ratio Lower Upper

184 100

185 14.3 13.6 20.4

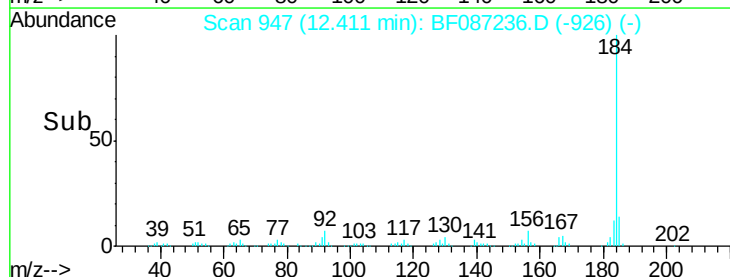
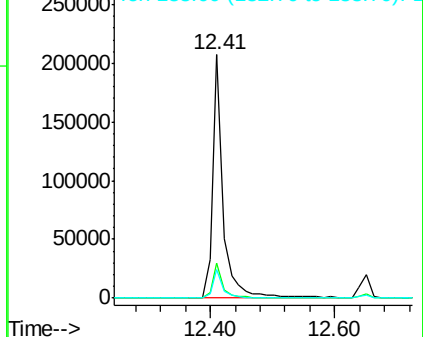
183 11.7 9.8 14.6

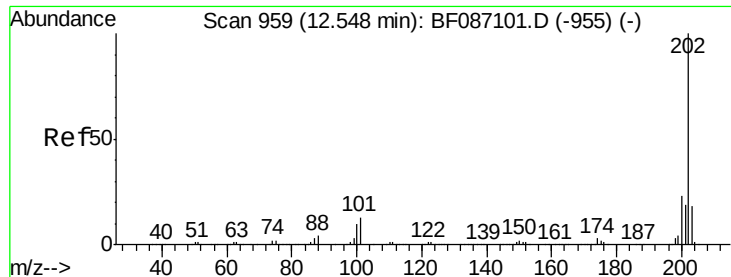


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.60 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Instrument :

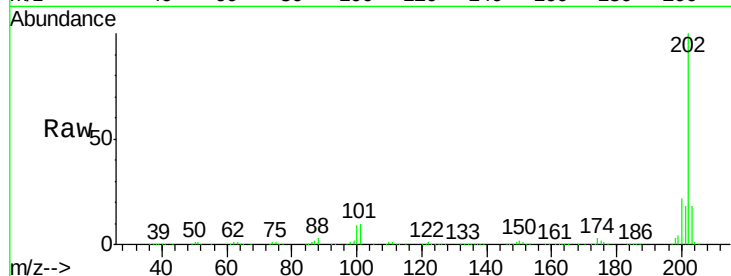
BNA_F

ClientSampleId :

PB90711BS

Tot Ion:202 Resp: 1071289

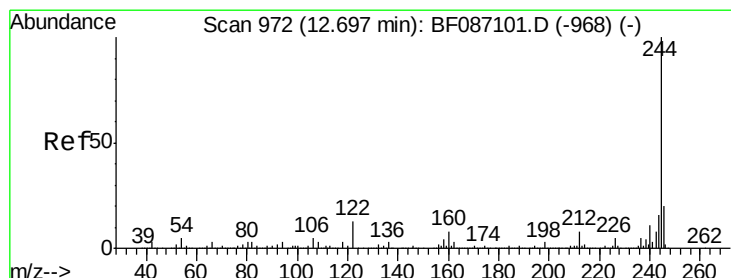
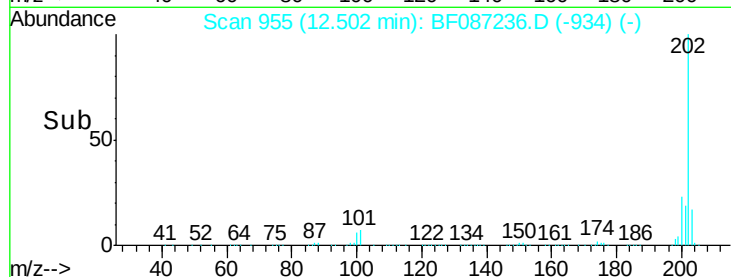
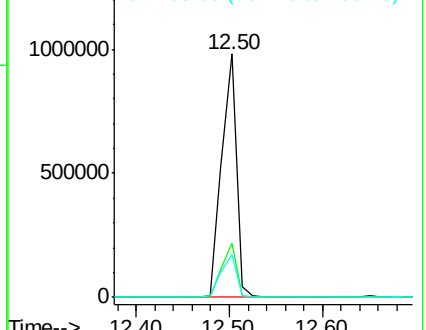
Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	17.5	14.2	21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.02 ng

RT: 12.65 min Scan# 968

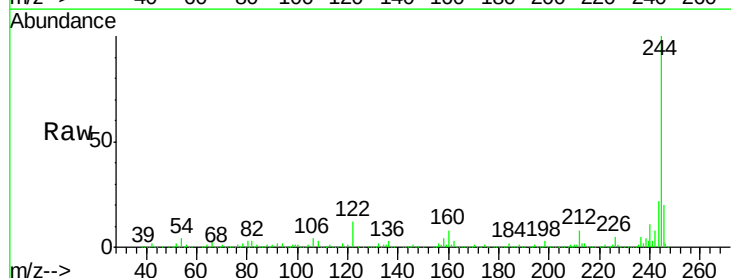
Delta R.T. -0.06 min

Lab File: BF087236.D

Acq: 20 May 2016 20:55

Tgt Ion:244 Resp: 1273053

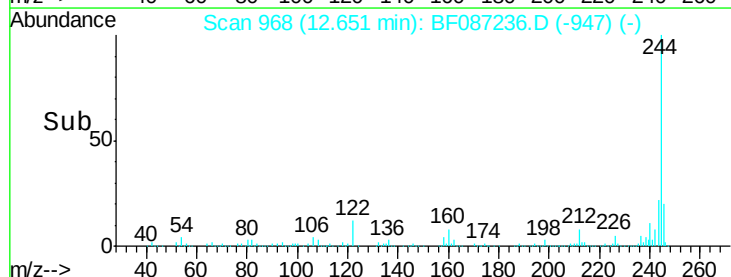
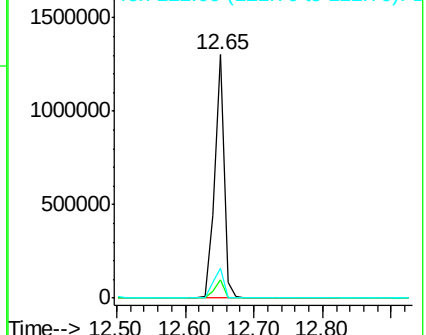
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	12.0	12.0	18.0

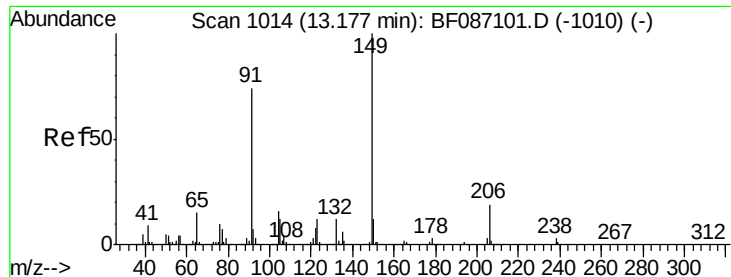


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

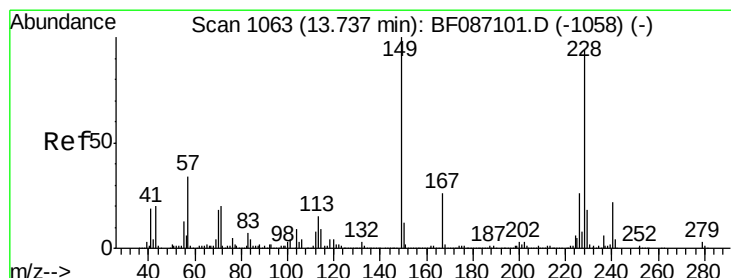
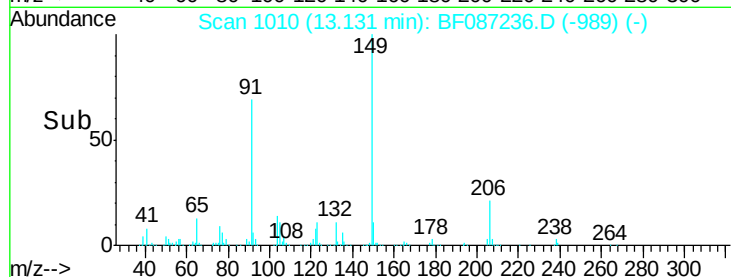
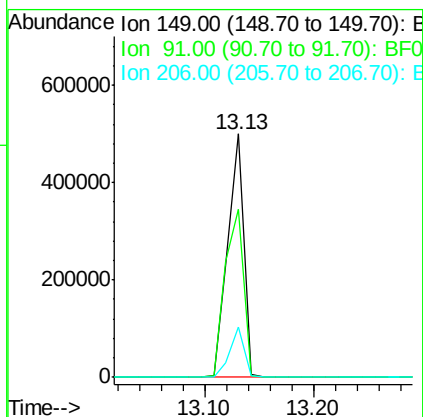
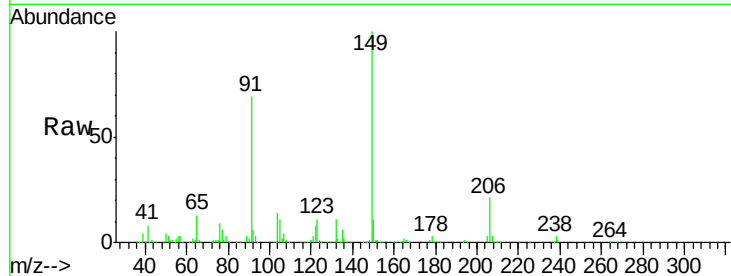




#79
Butylbenzylphthalate
Concen: 42.42 ng
RT: 13.13 min Scan# 1010
Delta R.T. -0.06 min
Lab File: BF087236.D
Acq: 20 May 2016 20:55

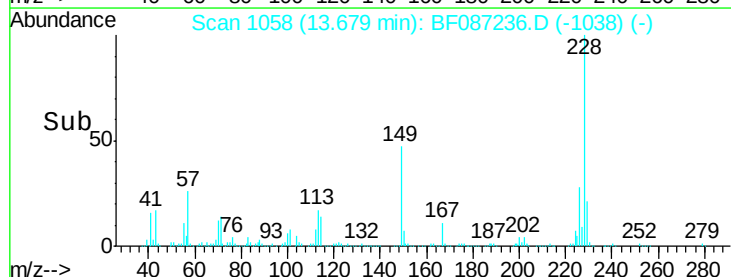
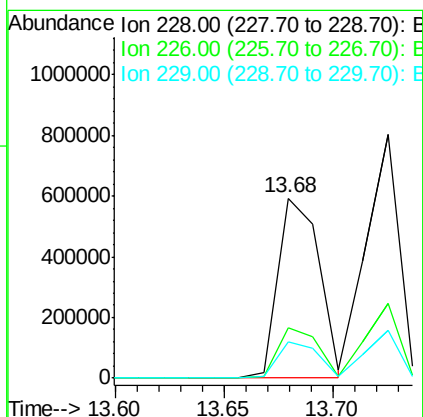
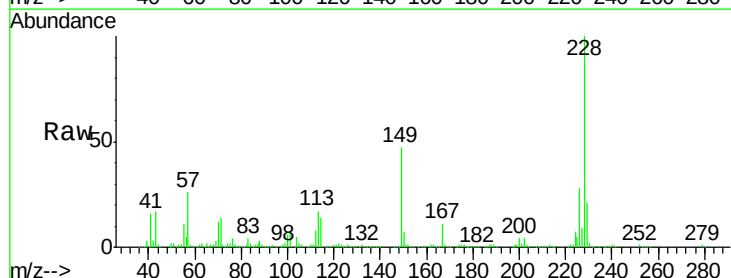
Instrument :
BNA_F
ClientSampleId :
PB90711BS

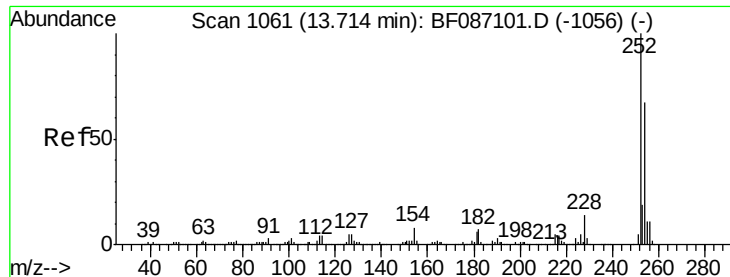
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.9	48.0	72.0
206	20.8	15.8	23.6



#80
Benzo(a)anthracene
Concen: 34.31 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.07 min
Lab File: BF087236.D
Acq: 20 May 2016 20:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.5	33.7
229	20.5	16.6	25.0

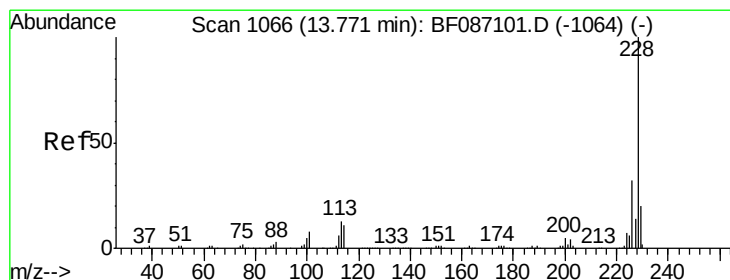
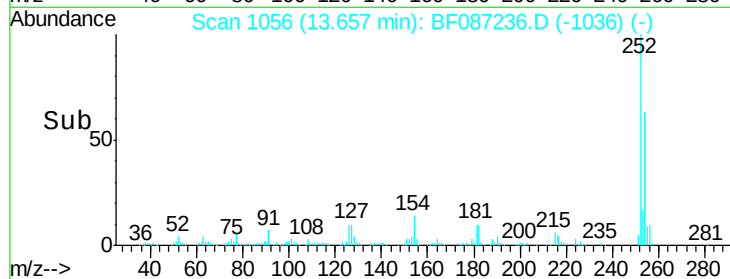
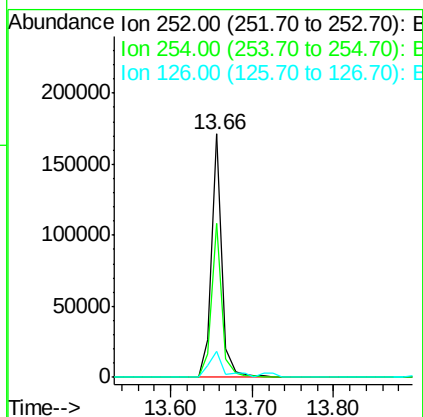
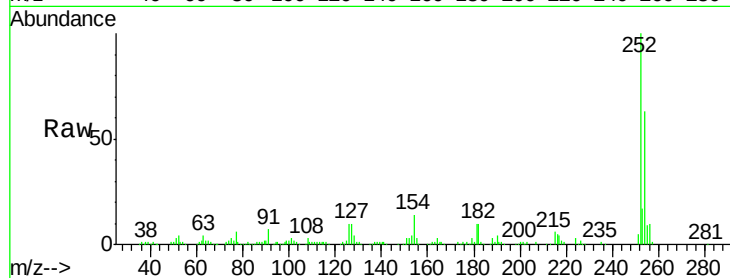




#81
 3,3'-Dichlorobenzidine
 Concen: 10.78 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.07 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

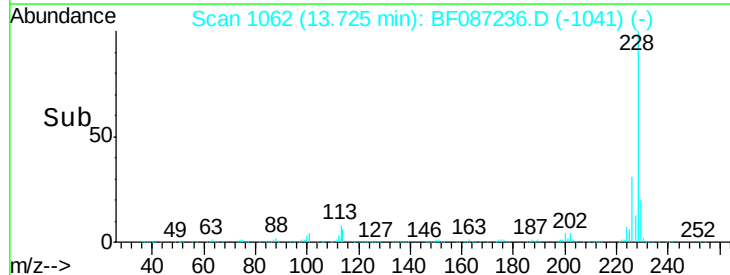
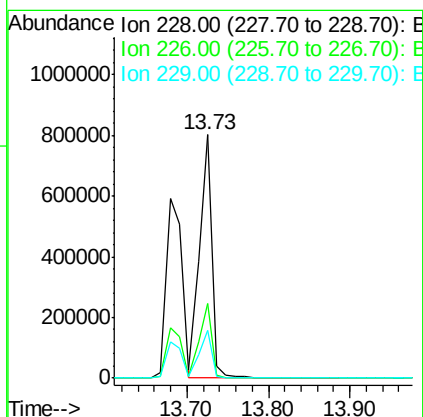
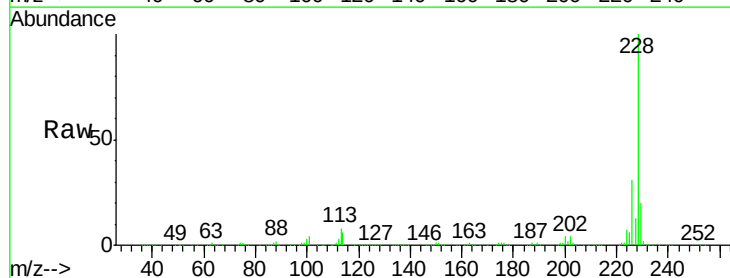
Instrument :
 BNA_F
 ClientSampleId :
 PB90711BS

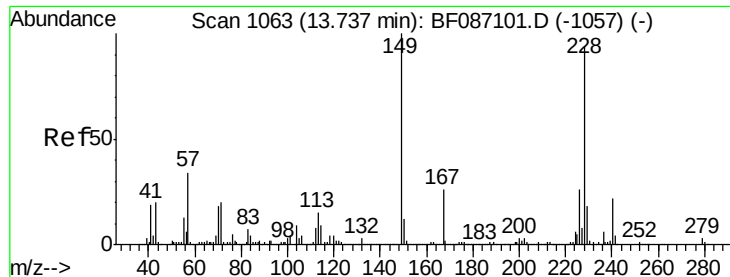
Tot Ion:252 Resp: 156365
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.7 76.1
 126 10.5 12.7 19.1#



#82
 Chrysene
 Concen: 38.91 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.06 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

Tgt Ion:228 Resp: 858479
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.4 36.6
 229 19.6 15.8 23.8

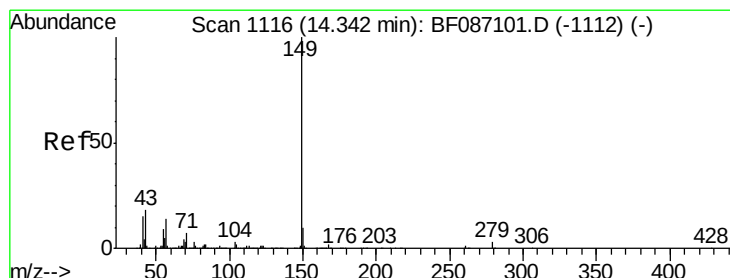
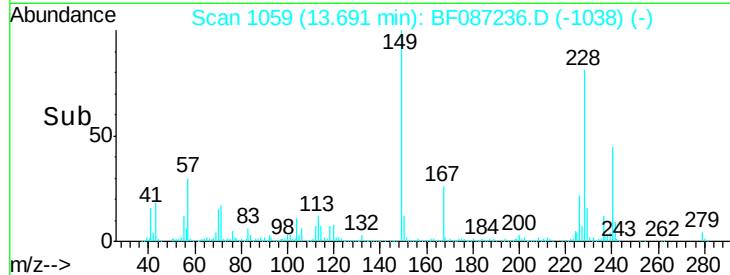
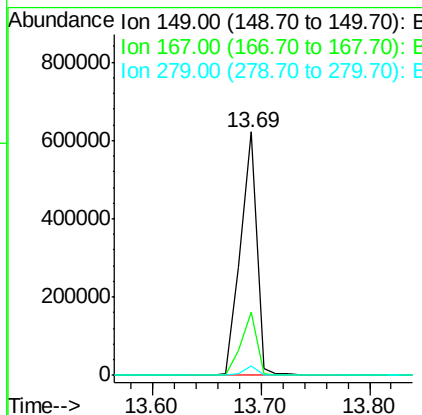
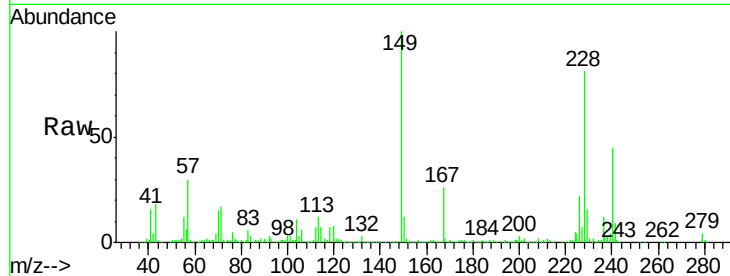




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.40 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. -0.06 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

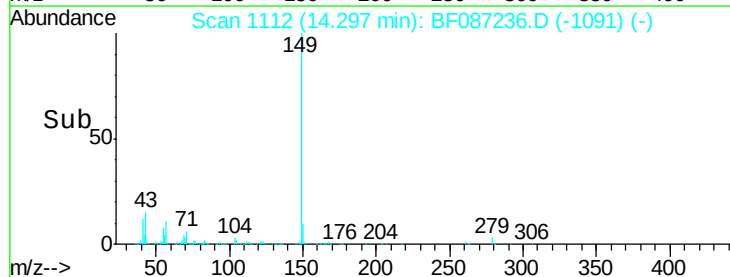
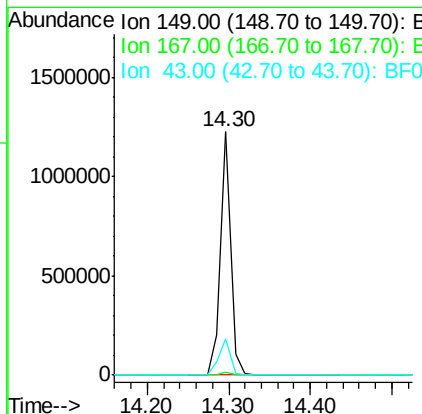
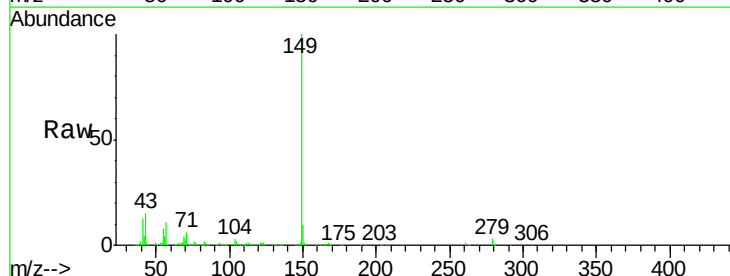
Instrument :
 BNA_F
 ClientSampleId :
 PB90711BS

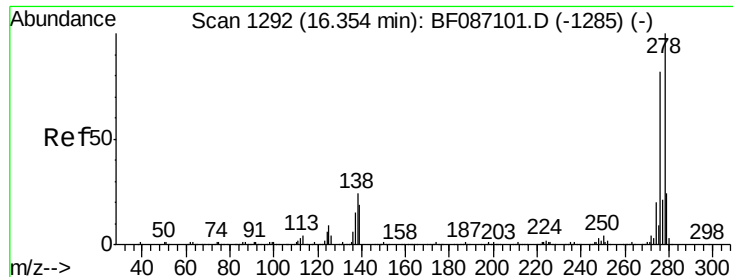
Tot Ion:149	Resp:	635251
Ion	Ratio	Lower Upper
149	100	
167	26.2	21.8 32.6
279	3.7	2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 42.11 ng
 RT: 14.30 min Scan# 1112
 Delta R.T. -0.06 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

Tgt Ion:149	Resp:	1061898
Ion	Ratio	Lower Upper
149	100	
167	1.5	1.2 1.8
43	16.6	8.2 12.4#

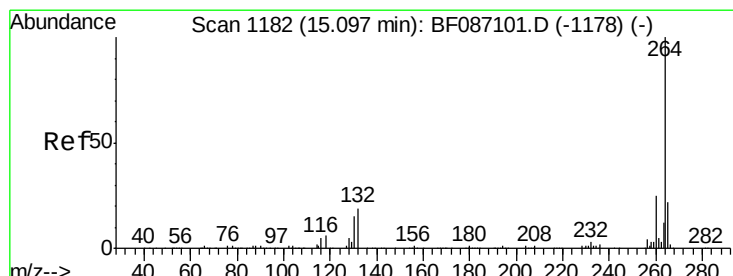
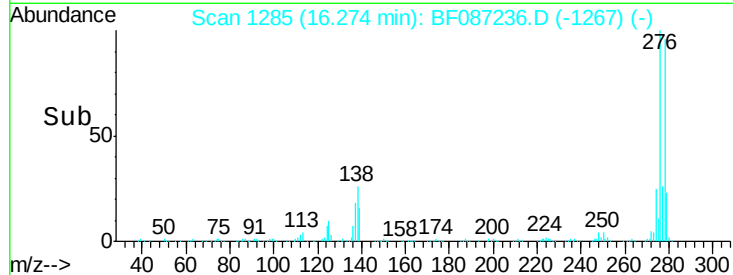
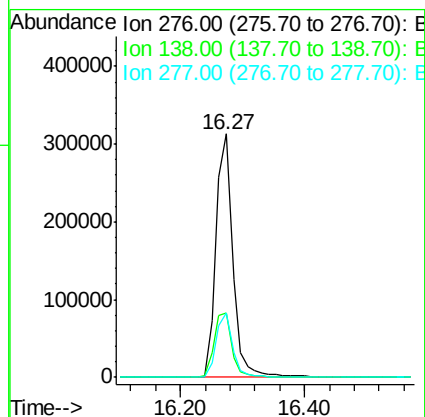
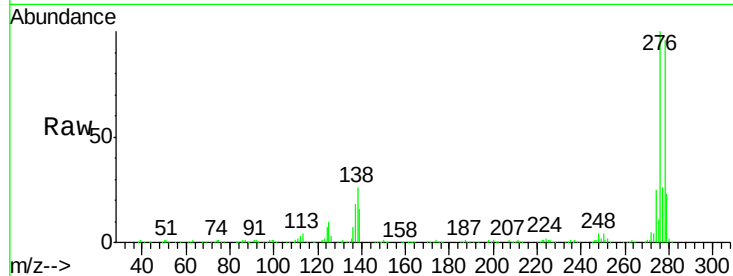




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.15 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. -0.09 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

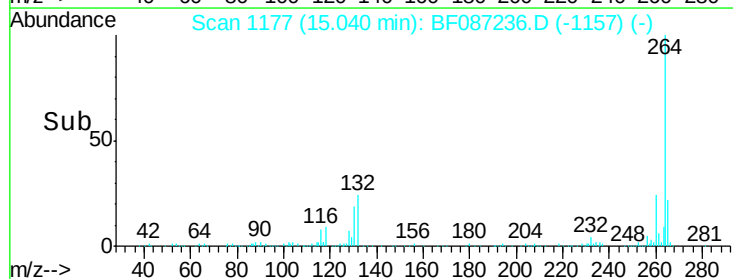
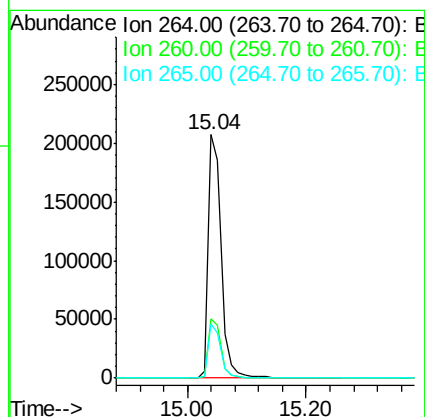
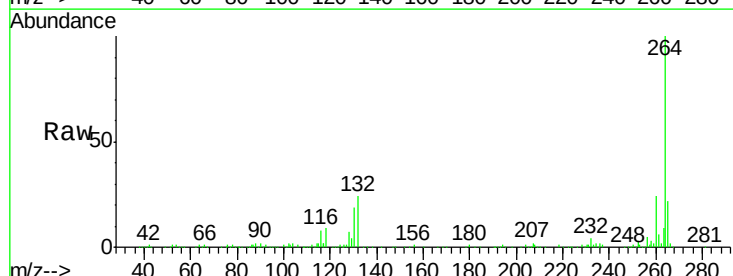
Instrument :
 BNA_F
 ClientSampleId :
 PB90711BS

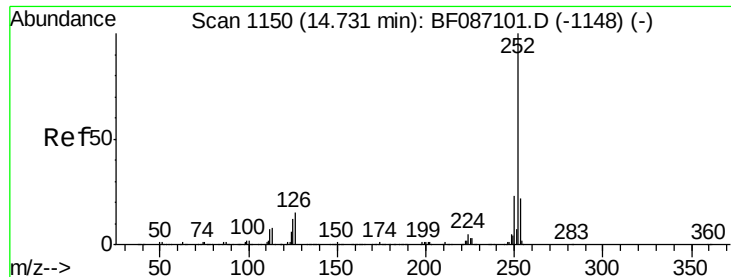
Tot Ion:	276	Resp:	583825
Ion	Ratio	Lower	Upper
276	100		
138	28.3	25.6	38.4
277	25.8	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. -0.07 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

Tgt Ion:	264	Resp:	317275
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.0	17.3	25.9

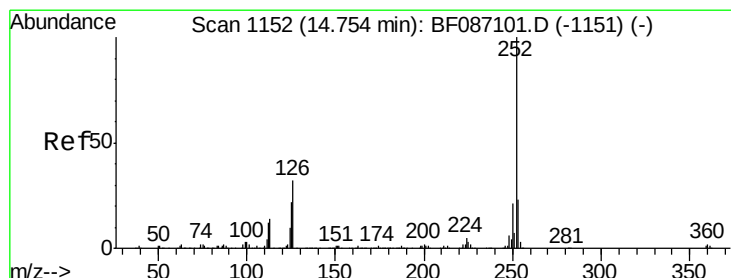
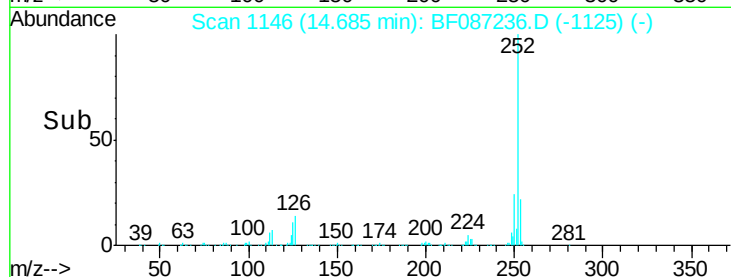
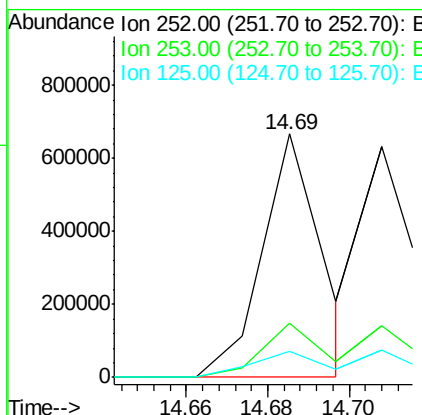
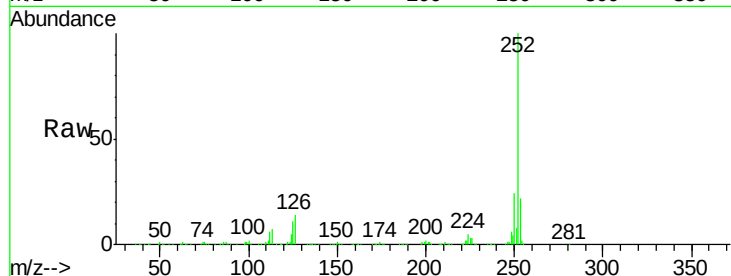




#87
Benzo(b)fluoranthene
Concen: 32.18 ng m
RT: 14.69 min Scan# 1146
Delta R.T. -0.06 min
Lab File: BF087236.D
Acq: 20 May 2016 20:55

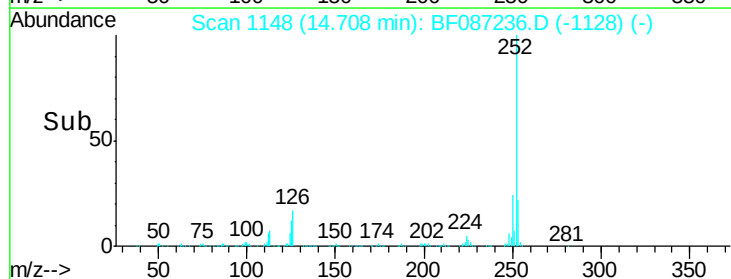
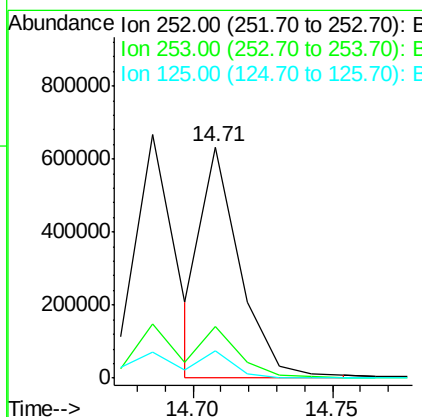
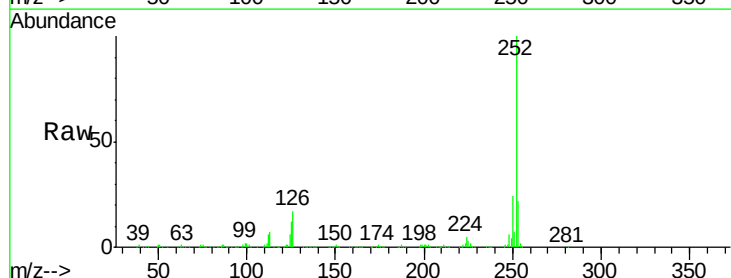
Instrument :
BNA_F
ClientSampleId :
PB90711BS

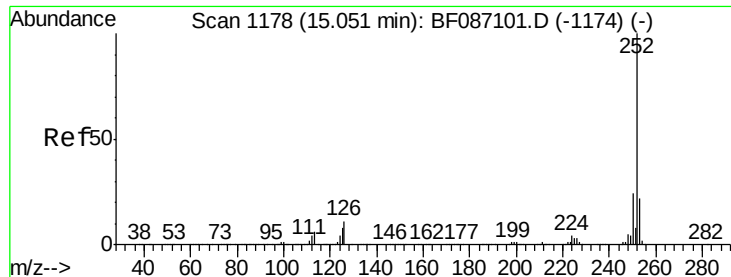
Tot Ion:252 Resp: 677406
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 10.6 11.4 17.0#



#88
Benzo(k)fluoranthene
Concen: 39.13 ng m
RT: 14.71 min Scan# 1148
Delta R.T. -0.07 min
Lab File: BF087236.D
Acq: 20 May 2016 20:55

Tgt Ion:252 Resp: 613121
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.8 9.1 13.7

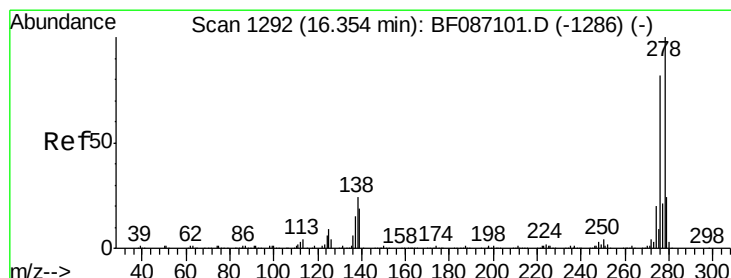
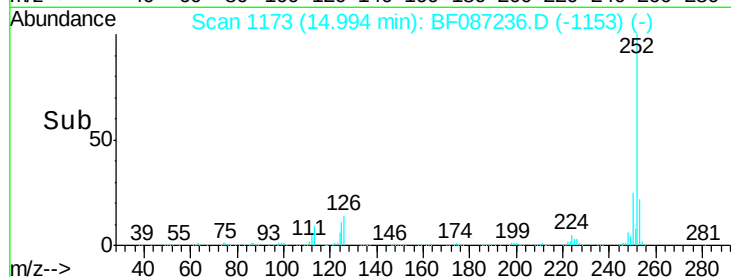
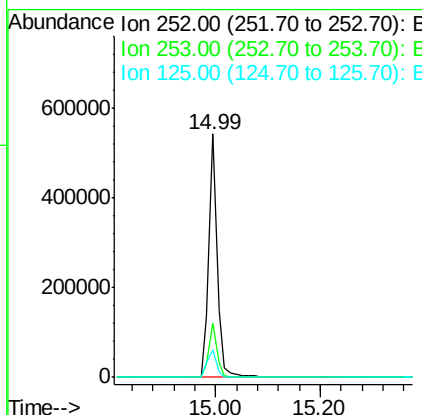
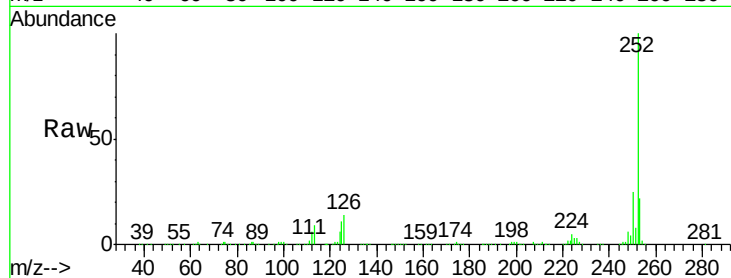




#89
Benzo(a)pyrene
Concen: 34.25 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.07 min
Lab File: BF087236.D
Acq: 20 May 2016 20:55

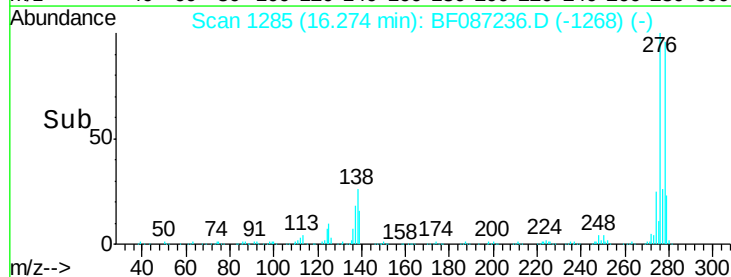
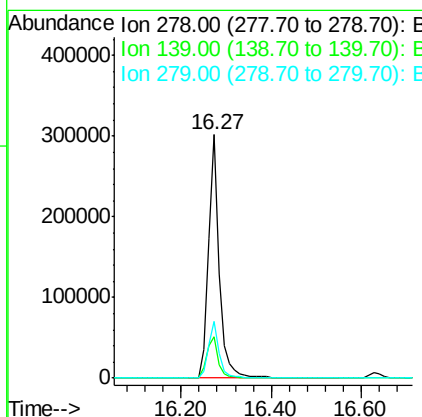
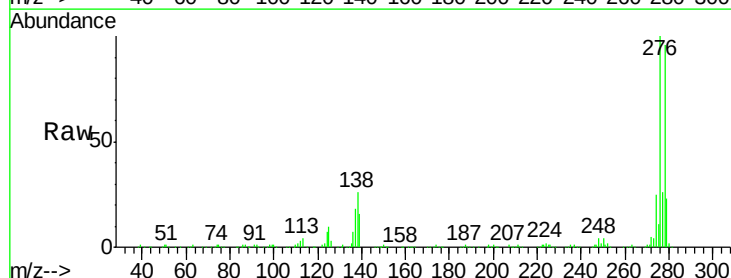
Instrument :
BNA_F
ClientSampleId :
PB90711BS

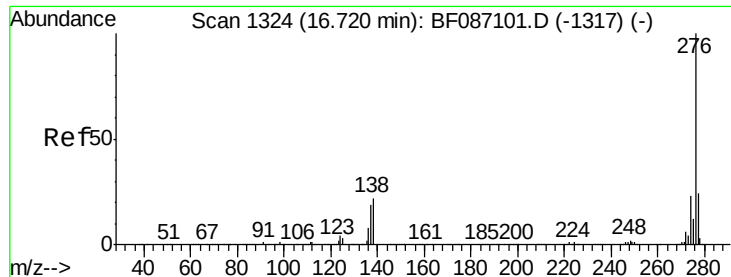
Tot Ion:252 Resp: 602571
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 11.4 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 34.09 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.10 min
Lab File: BF087236.D
Acq: 20 May 2016 20:55

Tgt Ion:278 Resp: 504978
Ion Ratio Lower Upper
278 100
139 17.1 16.6 24.8
279 23.4 19.6 29.4

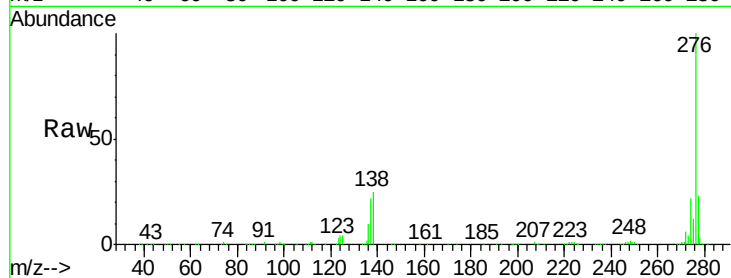




#91
 Benzo(a,h,i)perylene
 Concen: 33.80 ng
 RT: 16.63 min Scan# 1316
 Delta R.T. -0.11 min
 Lab File: BF087236.D
 Acq: 20 May 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB90711BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.6	29.4
138	25.1	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

