

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087241.D
 Acq On : 20 May 2016 23:22
 Operator : UM/SJ
 Sample : PB90736BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90736BS

Quant Time: May 21 00:52:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 00:19:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	115090	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	497644	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	250332	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	496402	20.00	ng	0.00
75) Chrysene-d12	13.69	240	343086	20.00	ng	-0.01
86) Perylene-d12	15.04	264	273928	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	750675	109.63	ng	0.01
7) Phenol-d6	6.23	99	928828	101.14	ng	0.00
23) Nitrobenzene-d5	7.13	82	653168	65.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	284722	102.93	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1205535	79.76	ng	0.00
78) Terphenyl-d14	12.65	244	1222766	80.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	98339	27.92	ng	# 62
3) Pyridine	2.67	79	214293	25.15	ng	# 68
4) n-Nitrosodimethylamine	2.63	42	186562	30.90	ng	# 49
6) Aniline	6.23	93	181714	15.58	ng	# 54
8) 2-Chlorophenol	6.34	128	300401	36.06	ng	# 82
9) Benzaldehyde	6.11	77	66468	10.88	ng	99
10) Phenol	6.24	94	419971	36.38	ng	74
11) bis(2-Chloroethyl)ether	6.31	93	305939	35.29	ng	94
12) 1,3-Dichlorobenzene	6.73	146	270257	30.52	ng	99
13) 1,4-Dichlorobenzene	6.73	146	279293	30.82	ng	98
14) 1,2-Dichlorobenzene	6.73	146	282315	35.59	ng	97
15) Benzyl Alcohol	6.73	79	259042	37.89	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.84	45	571477	32.07	ng	68
17) 2-Methylphenol	6.86	107	245800	35.93	ng	# 80
18) Hexachloroethane	7.06	117	119437	34.48	ng	91
19) n-Nitroso-di-n-propylamine	6.99	70	257854	36.94	ng	# 78
20) 3+4-Methylphenols	7.02	107	345322	38.26	ng	# 59
22) Acetophenone	6.98	105	427845	35.13	ng	# 98
24) Nitrobenzene	7.15	77	359575	32.98	ng	98
25) Isophorone	7.39	82	645816	35.33	ng	99
26) 2-Nitrophenol	7.47	139	158390	35.07	ng	# 81
27) 2,4-Dimethylphenol	7.53	122	283866	36.83	ng	87
28) bis(2-Chloroethoxy)methane	7.61	93	371940	37.07	ng	# 98
29) 2,4-Dichlorophenol	7.72	162	272590	40.14	ng	98
30) 1,2,4-Trichlorobenzene	7.79	180	271995	36.09	ng	98
31) Naphthalene	7.86	128	845072	34.75	ng	99
32) Benzoic acid	7.69	122	144870	31.53	ng	# 76
33) 4-Chloroaniline	7.94	127	100719	9.97	ng	# 94
34) Hexachlorobutadiene	7.99	225	156685	36.63	ng	98
35) Caprolactam	8.31	113	52462	23.20	ng	# 57
36) 4-Chloro-3-methylphenol	8.44	107	307398	37.52	ng	96
37) 2-Methylnaphthalene	8.56	142	594781	38.24	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	246470	33.71	ng	99
40) Hexachlorocyclopentadiene	8.71	237	180292	65.44	ng	95

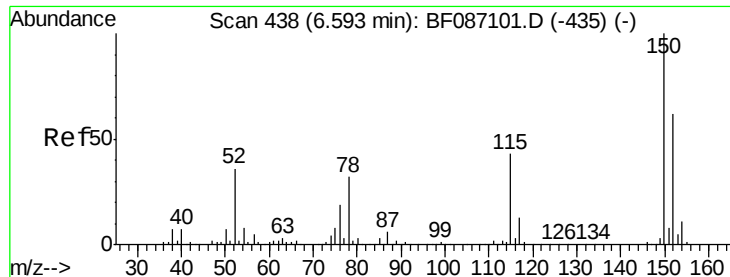
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087241.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	155920	32.88	ng	90
43) 2,4,5-Trichlorophenol	8.90	196	168967	34.30	ng #	95
45) 1,1'-Biphenyl	9.02	154	719648	34.67	ng	96
46) 2-Chloronaphthalene	9.04	162	545554	34.24	ng #	91
47) 2-Nitroaniline	9.15	65	212132	34.74	ng #	68
48) Acenaphthylene	9.45	152	827694	34.02	ng	99
49) Dimethylphthalate	9.34	163	711995	37.28	ng	100
50) 2,6-Dinitrotoluene	9.40	165	158510	38.23	ng #	78
51) Acenaphthene	9.62	154	517114	34.02	ng	99
52) 3-Nitroaniline	9.58	138	63003	14.04	ng	94
53) 2,4-Dinitrophenol	9.69	184	165706	70.35	ng	88
54) Dibenzofuran	9.79	168	743164	37.81	ng #	90
55) 4-Nitrophenol	9.79	139	483892	112.96	ng #	25
56) 2,4-Dinitrotoluene	9.80	165	190196	35.81	ng #	72
57) Fluorene	10.14	166	590283	37.37	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	159856	41.67	ng	96
59) Diethylphthalate	10.03	149	750891	41.19	ng	98
60) 4-Chlorophenyl-phenylether	10.14	204	303530	40.54	ng #	85
61) 4-Nitroaniline	10.19	138	150098	33.87	ng	83
62) Azobenzene	10.30	77	853669	40.64	ng	88
64) 4,6-Dinitro-2-methylphenol	10.22	198	110679	33.85	ng #	47
65) n-Nitrosodiphenylamine	10.26	169	599532	38.38	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	175978	34.47	ng	93
67) Hexachlorobenzene	10.68	284	200040	33.80	ng #	88
68) Atrazine	10.80	200	182487	35.81	ng	95
69) Pentachlorophenol	10.89	266	136540	61.41	ng	98
70) Phenanthrene	11.10	178	962896	35.76	ng	100
71) Anthracene	11.14	178	897728	32.97	ng	100
72) Carbazole	11.31	167	873753	35.13	ng	99
73) Di-n-butylphthalate	11.64	149	1156976	40.49	ng	99
74) Fluoranthene	12.27	202	949995	35.22	ng	95
76) Benzidine	12.41	184	252626	23.04	ng	97
77) Pyrene	12.50	202	953641	38.48	ng	100
79) Butylbenzylphthalate	13.13	149	455919	43.57	ng	92
80) Benzo(a)anthracene	13.68	228	705020	35.54	ng	99
81) 3,3'-Dichlorobenzidine	13.66	252	128783	10.20	ng #	95
82) Chrysene	13.73	228	743724	38.75	ng	100
83) Bis(2-ethylhexyl)phthalate	13.69	149	575706	45.21	ng #	98
84) Di-n-octyl phthalate	14.30	149	981349	44.74	ng #	85
85) Indeno(1,2,3-cd)pyrene	16.27	276	533809	31.69	ng	96
87) Benzo(b)fluoranthene	14.69	252	1186873	65.31	ng #	96
88) Benzo(k)fluoranthene	14.69	252	1186873	87.73	ng	99
89) Benzo(a)pyrene	14.99	252	556922	36.66	ng	99
90) Dibenzo(a,h)anthracene	16.27	278	457614	35.78	ng #	93
91) Benzo(g,h,i)perylene	16.63	276	443227	34.31	ng	95

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

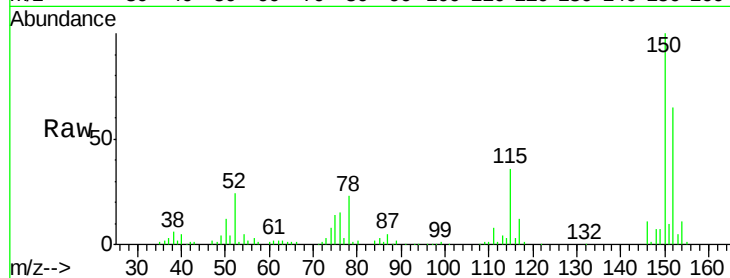


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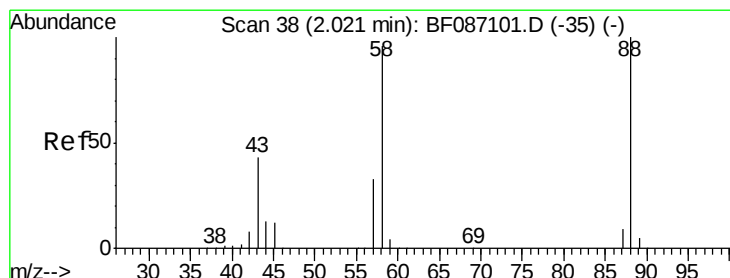
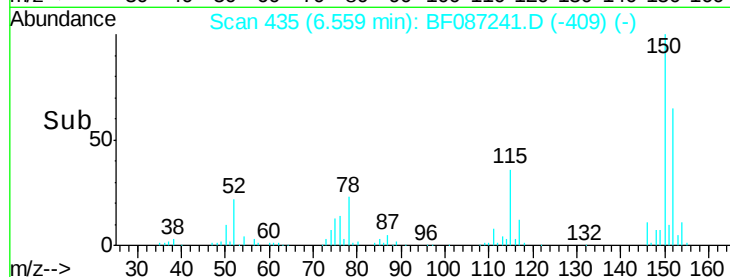
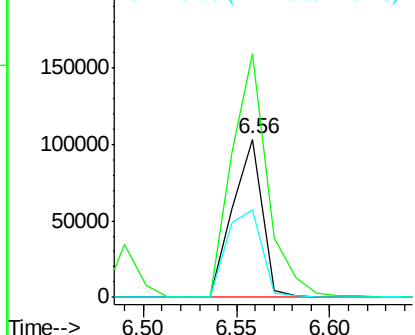
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF087241.D
Acq: 20 May 2016 23:22

Instrument :
BNA_F
ClientSampleId :
PB90736BS

Tgt Ion:152 Resp: 115090
Ion Ratio Lower Upper
152 100
150 154.0 125.8 188.6
115 55.6 51.5 77.3



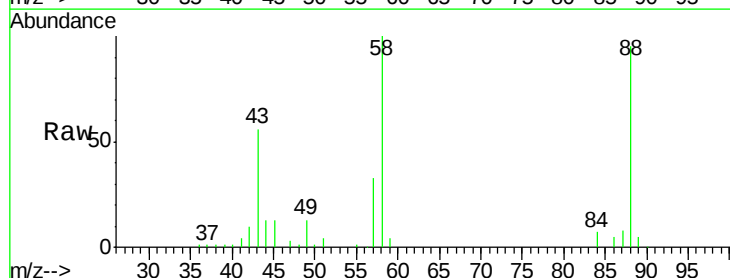
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



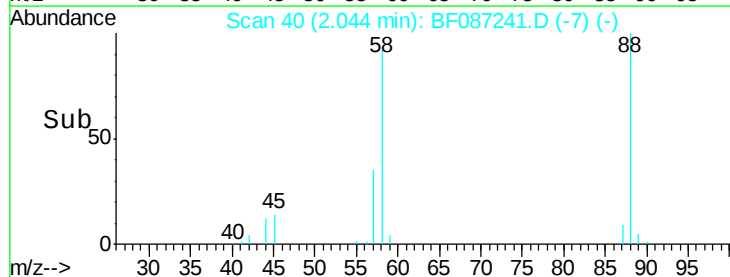
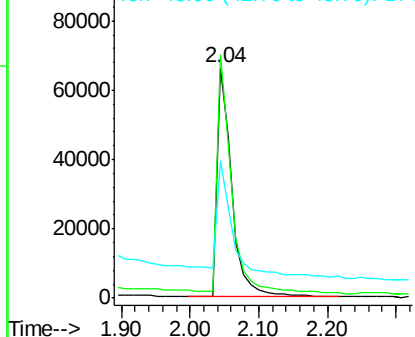
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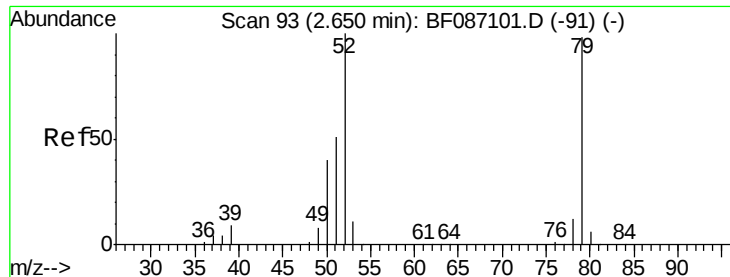
1,4-Dioxane
Concen: 27.92 ng
RT: 2.04 min Scan# 40
Delta R.T. 0.08 min
Lab File: BF087241.D
Acq: 20 May 2016 23:22

Tgt Ion: 88 Resp: 98339
Ion Ratio Lower Upper
88 100
58 100.8 59.6 89.4#
43 56.1 21.8 32.6#



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





#3

Pyridine

Concen: 25.15 ng

RT: 2.67 min Scan# 95

Delta R.T. 0.09 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Instrument :

BNA_F

ClientSampleId :

PB90736BS

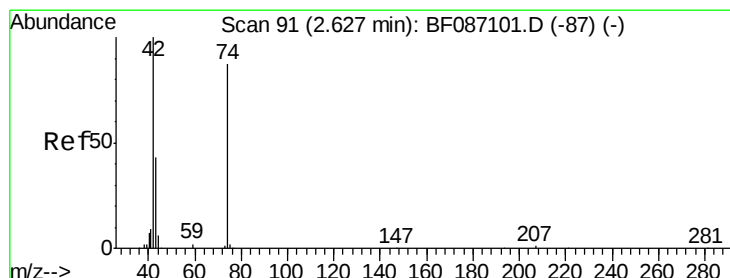
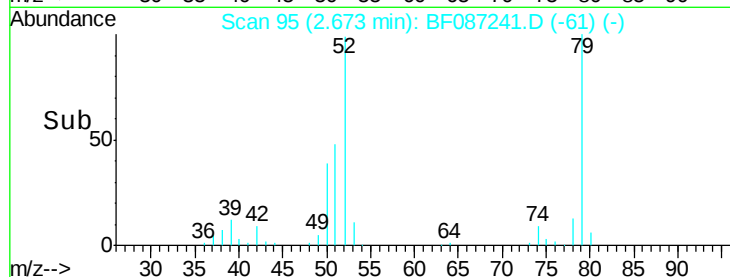
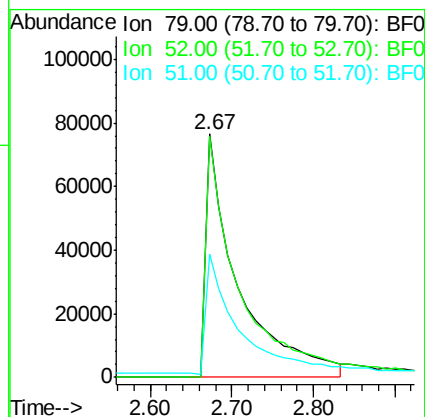
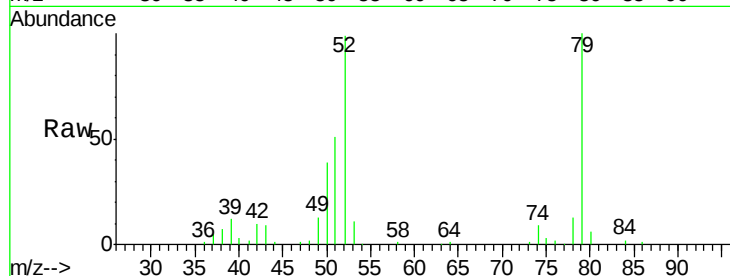
Tgt Ion: 79 Resp: 214293

Ion Ratio Lower Upper

79 100

52 98.8 55.9 83.9#

51 50.8 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 30.90 ng

RT: 2.63 min Scan# 91

Delta R.T. 0.07 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

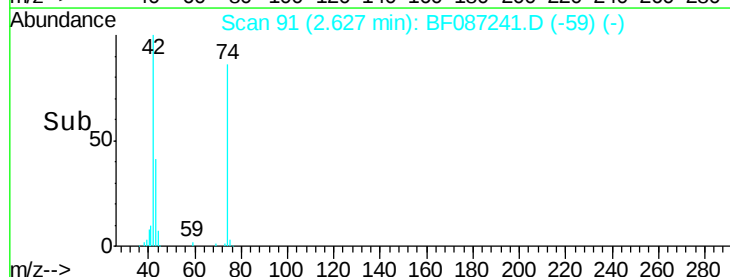
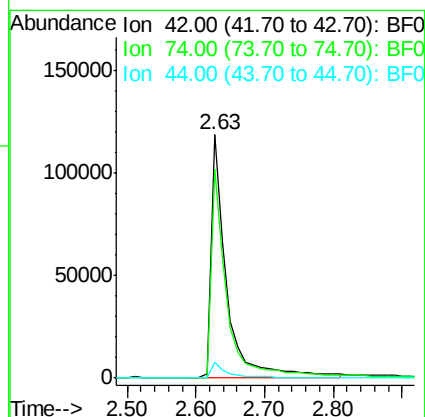
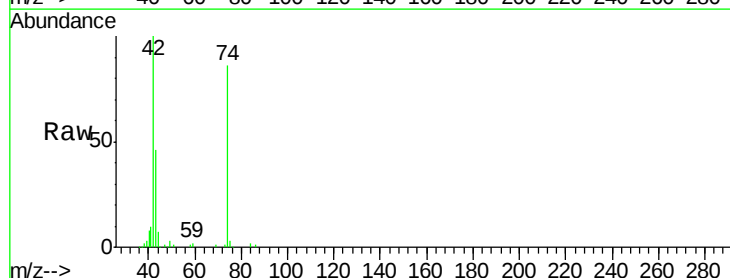
Tgt Ion: 42 Resp: 186562

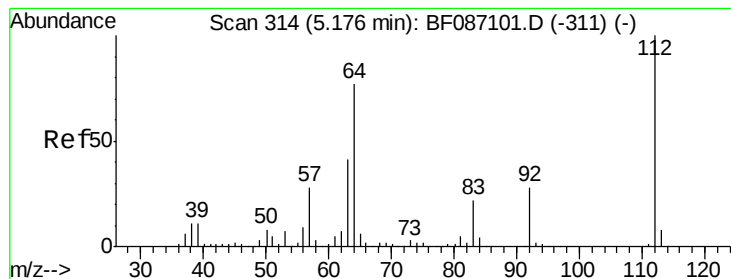
Ion Ratio Lower Upper

42 100

74 85.6 123.4 185.0#

44 6.7 5.8 8.6





#5

2-Fluorophenol

Concen: 109.63 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.01 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Instrument :

BNA_F

ClientSampleId :

PB90736BS

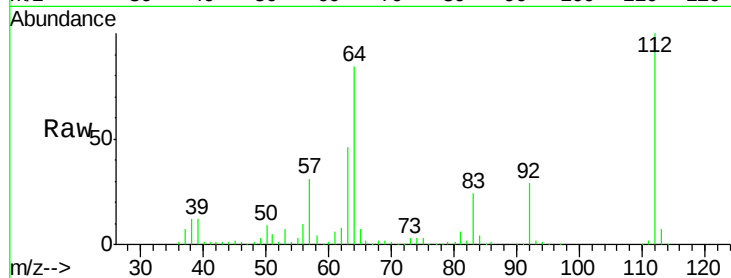
Tgt Ion: 112 Resp: 750675

Ion Ratio Lower Upper

112 100

64 83.8 52.1 78.1#

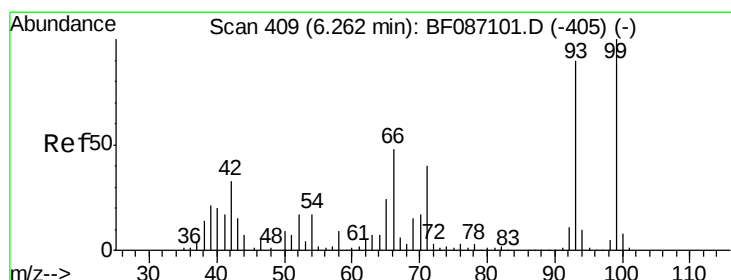
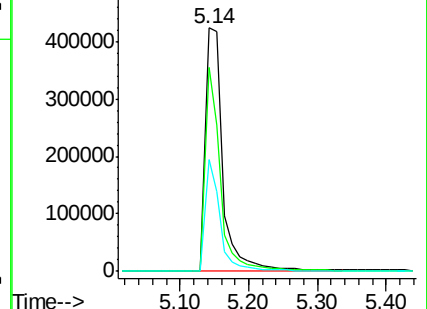
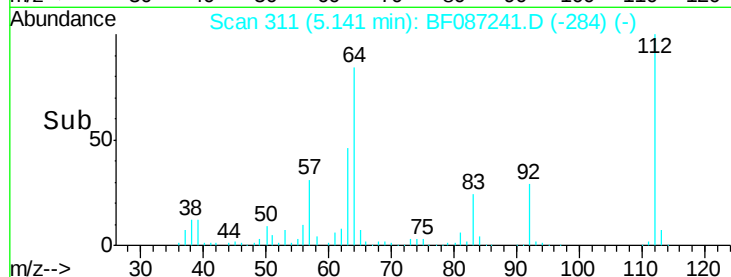
63 45.8 25.7 38.5#



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: 15.58 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

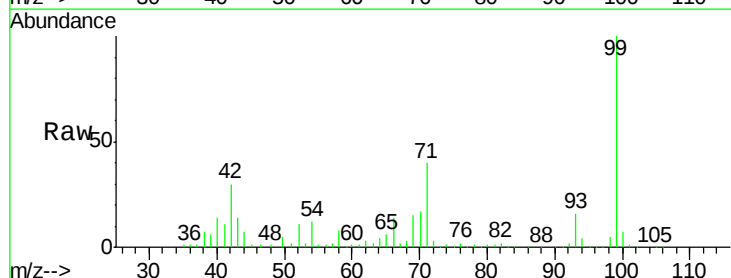
Tgt Ion: 93 Resp: 181714

Ion Ratio Lower Upper

93 100

66 89.8 39.0 58.6#

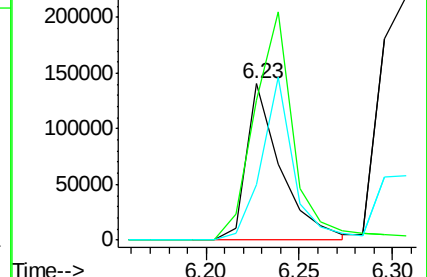
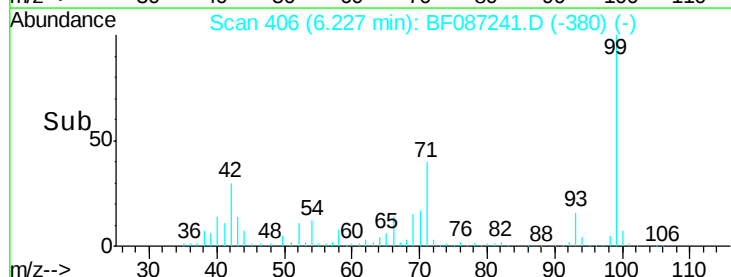
65 35.7 20.6 31.0#

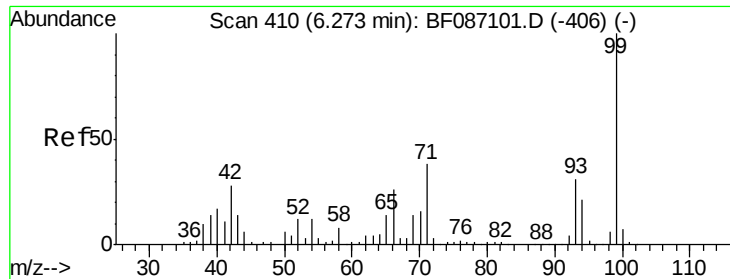


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 101.14 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Instrument :

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PB90736BS

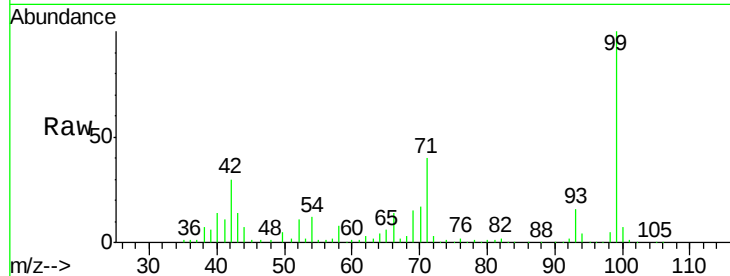
Tgt Ion: 99 Resp: 928828

Ion Ratio Lower Upper

99 100

42 29.7 13.6 20.4#

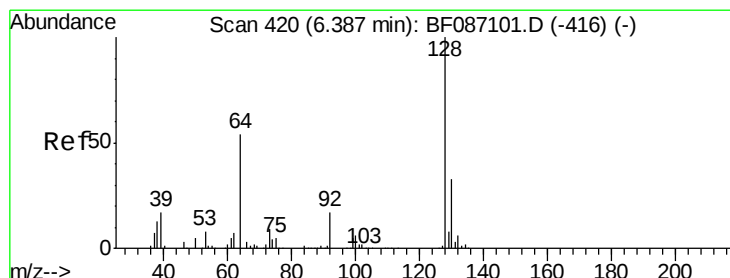
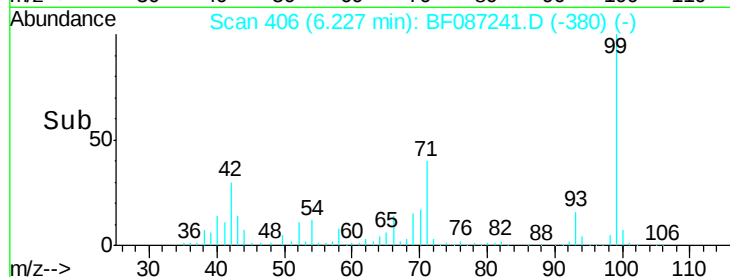
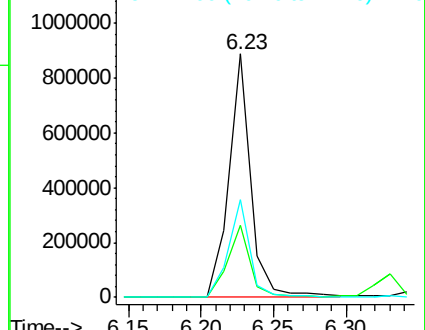
71 40.1 24.6 36.8#



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: 36.06 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

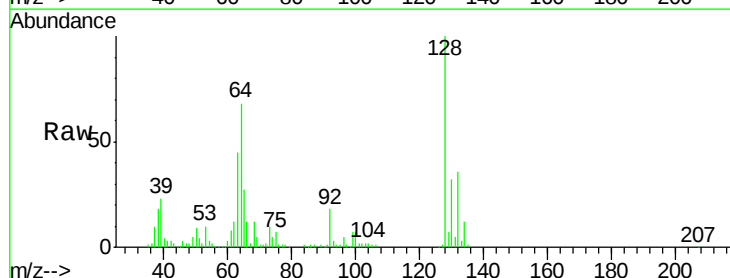
Tgt Ion: 128 Resp: 300401

Ion Ratio Lower Upper

128 100

130 32.2 12.5 52.5

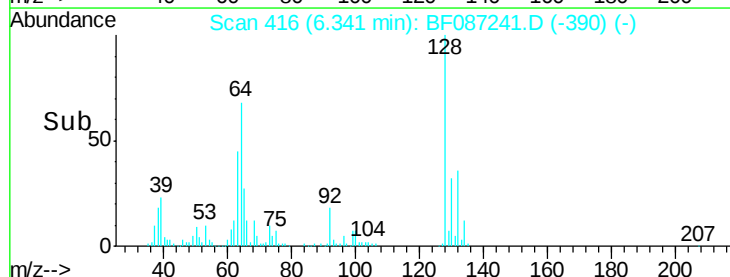
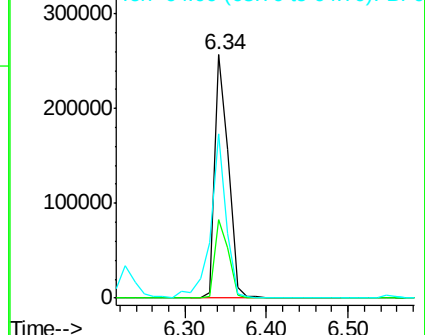
64 67.7 27.3 67.3#

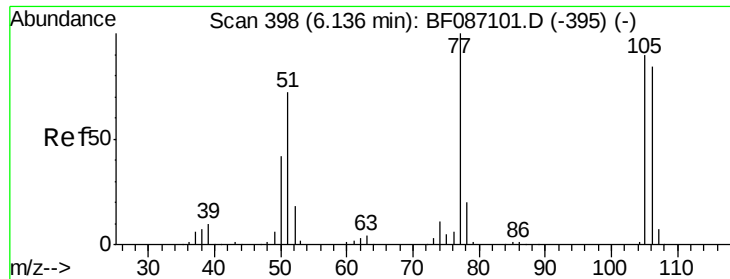


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.88 ng

RT: 6.11 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Instrument :

BNA_F

ClientSampleId :

PB90736BS

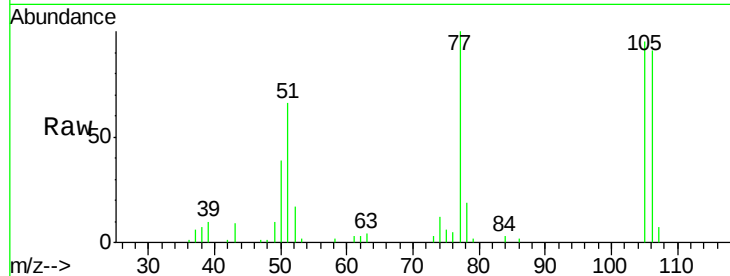
Tgt Ion: 77 Resp: 66468

Ion Ratio Lower Upper

77 100

105 94.8 72.7 112.7

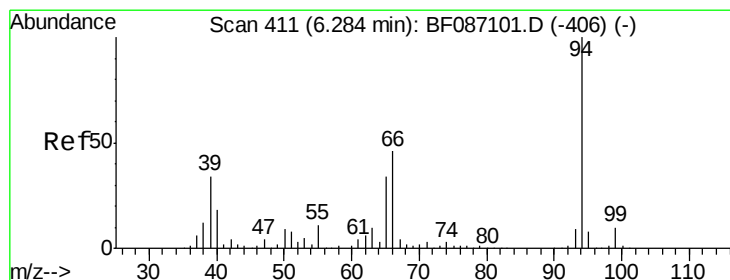
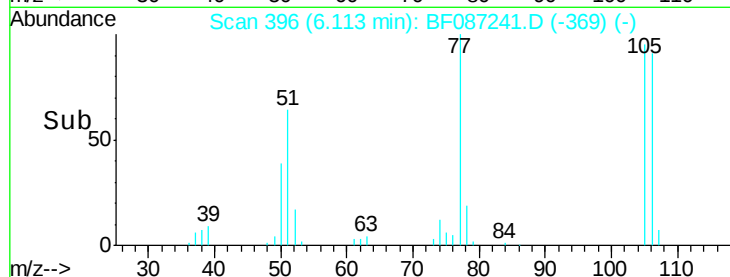
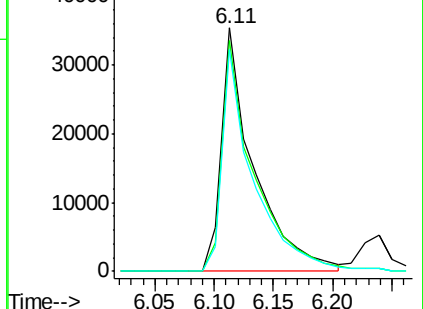
106 91.0 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.38 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

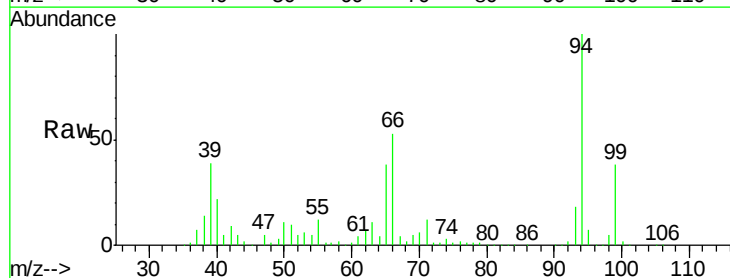
Tgt Ion: 94 Resp: 419971

Ion Ratio Lower Upper

94 100

65 37.8 7.2 47.2

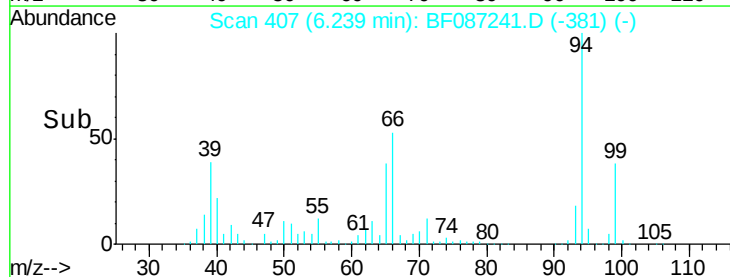
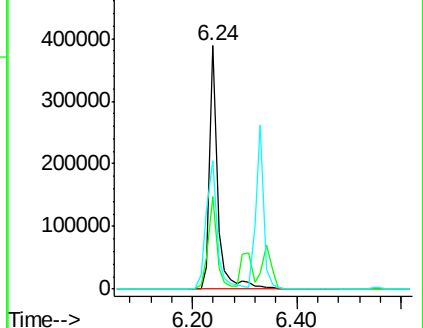
66 52.8 14.9 54.9

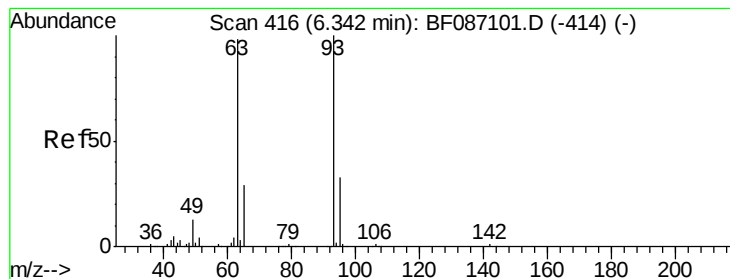


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.29 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Instrument :

BNA_F

ClientSampleId :

PB90736BS

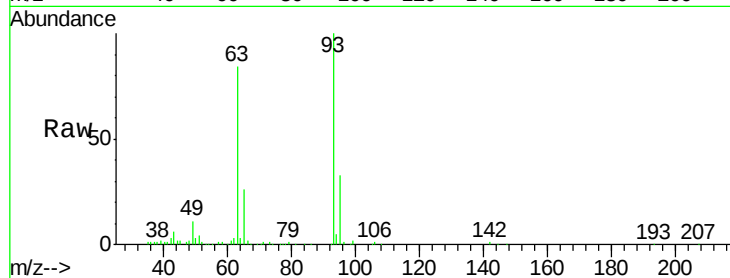
Tgt Ion: 93 Resp: 305939

Ion Ratio Lower Upper

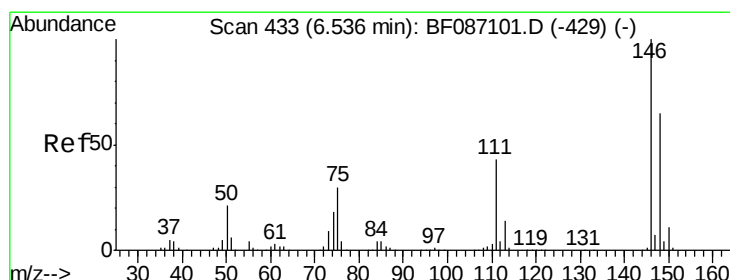
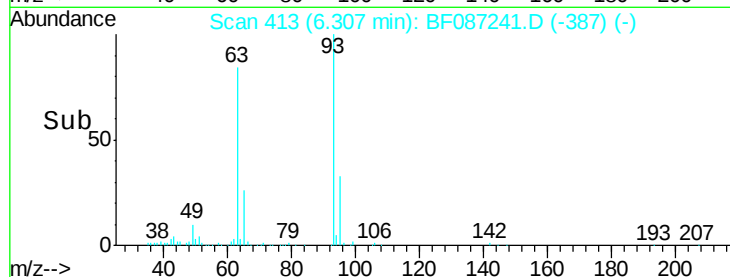
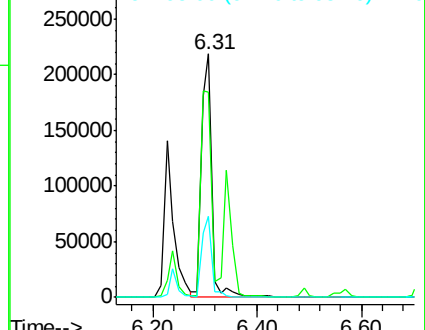
93 100

63 84.3 58.0 98.0

95 33.1 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: 30.52 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.24 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

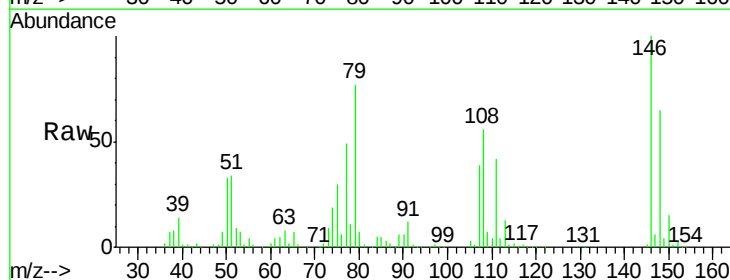
Tgt Ion: 146 Resp: 270257

Ion Ratio Lower Upper

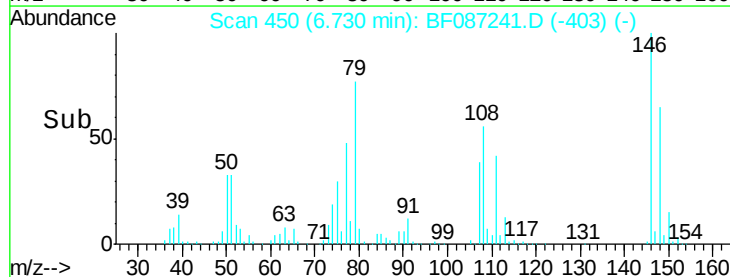
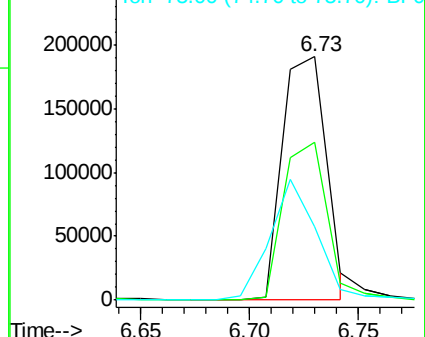
146 100

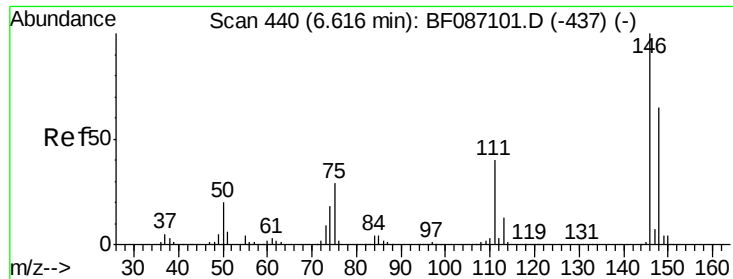
148 65.1 52.4 78.6

75 30.3 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

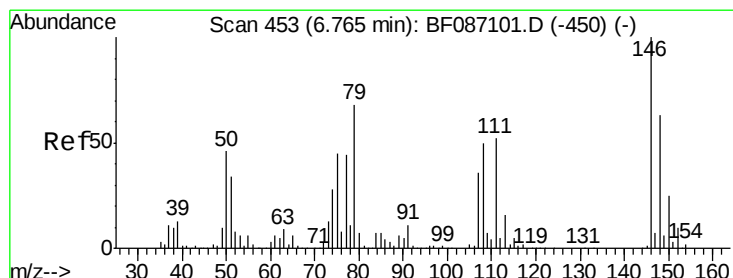
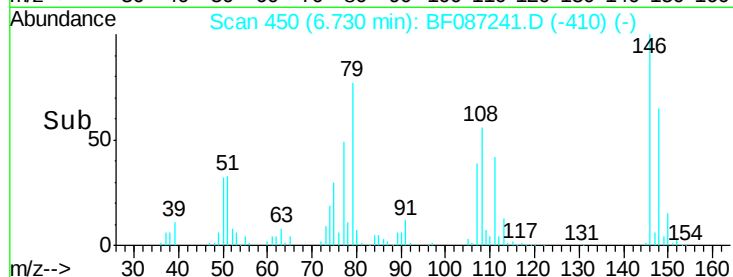
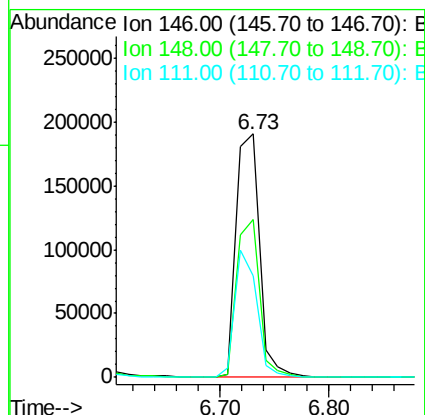
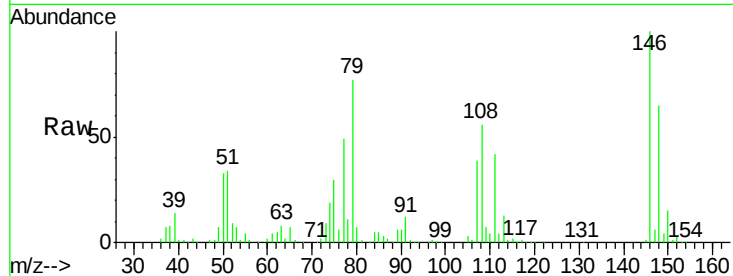




#13
 1,4-Dichlorobenzene
 Concen: 30.82 ng
 RT: 6.73 min Scan# 450
 Delta R.T. 0.16 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

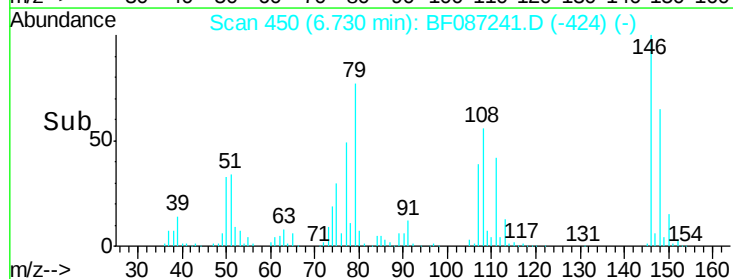
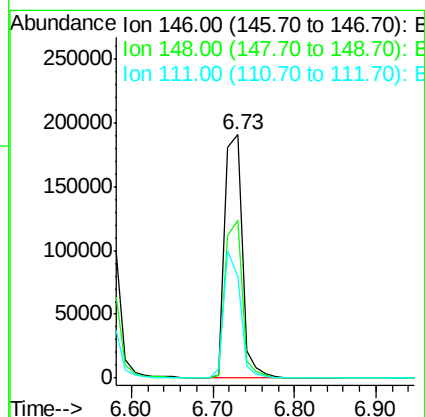
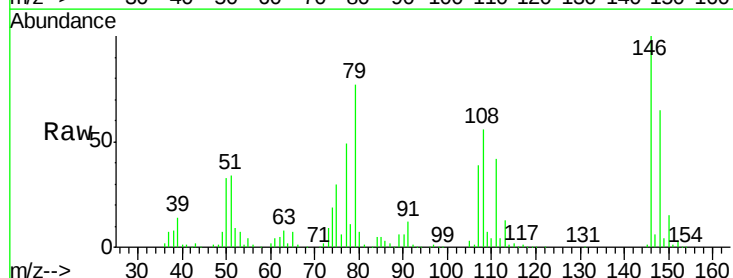
Instrument :
 BNA_F
 ClientSampleId :
 PB90736BS

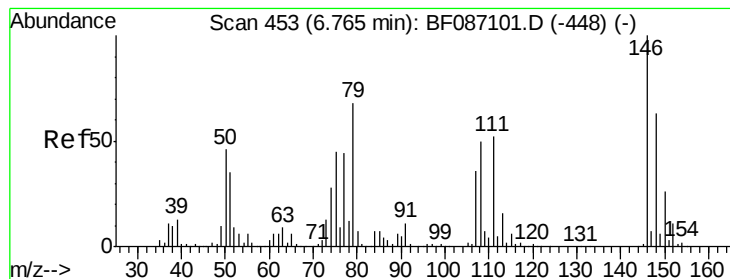
Tgt Ion:146 Resp: 279293
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.2 78.4
 111 41.6 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 35.59 ng
 RT: 6.73 min Scan# 450
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Tgt Ion:146 Resp: 282315
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.0 76.6
 111 41.6 36.2 54.4





#15

Benzyl Alcohol

Concen: 37.89 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Instrument :

BNA_F

ClientSampled :

PB90736BS

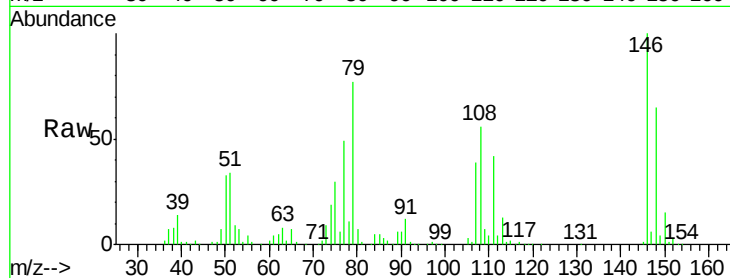
Tgt Ion: 79 Resp: 259042

Ion Ratio Lower Upper

79 100

108 73.2 68.4 102.6

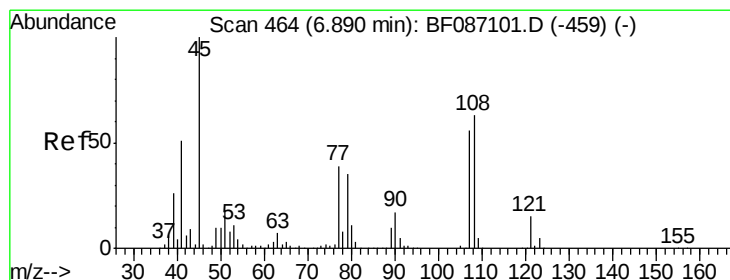
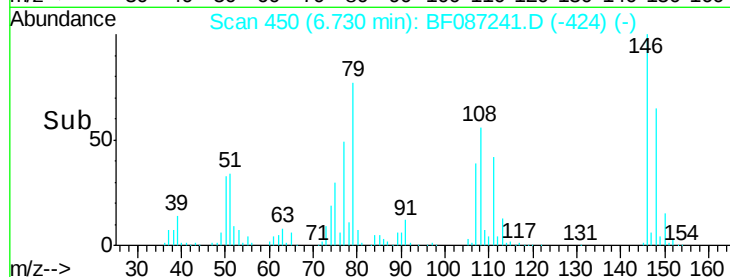
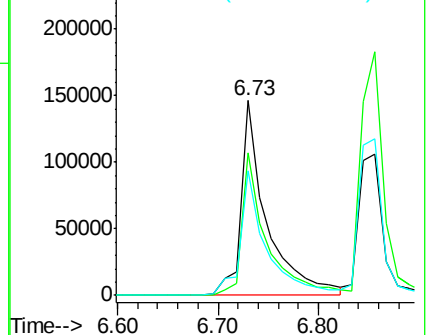
77 64.2 50.6 76.0



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: 32.07 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

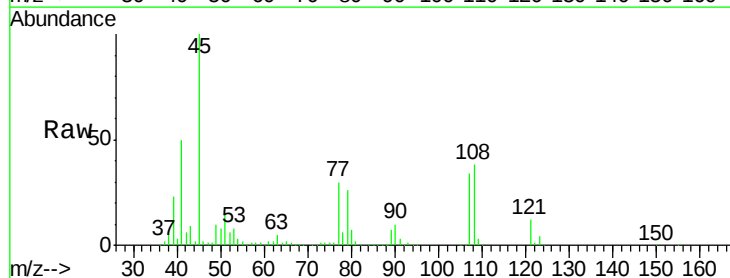
Tgt Ion: 45 Resp: 571477

Ion Ratio Lower Upper

45 100

77 29.6 0.0 36.4

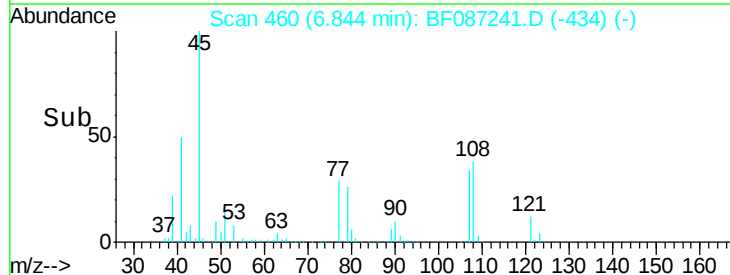
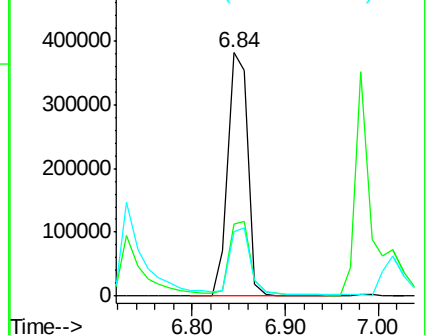
79 26.5 0.0 33.4

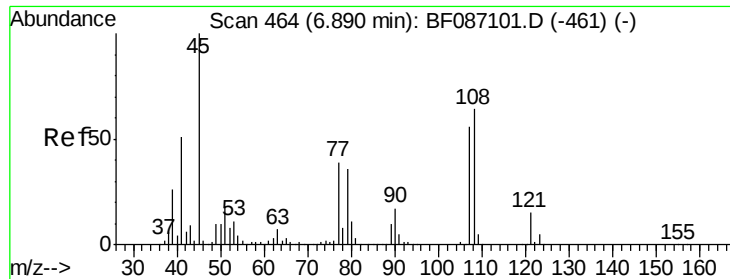


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

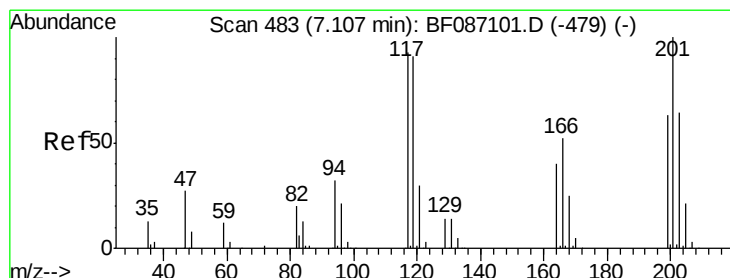
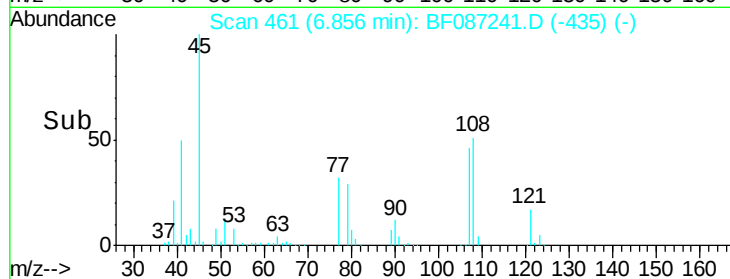
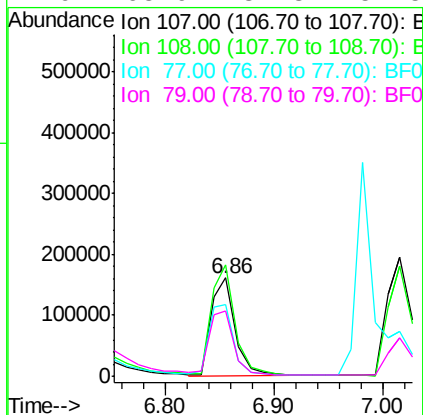
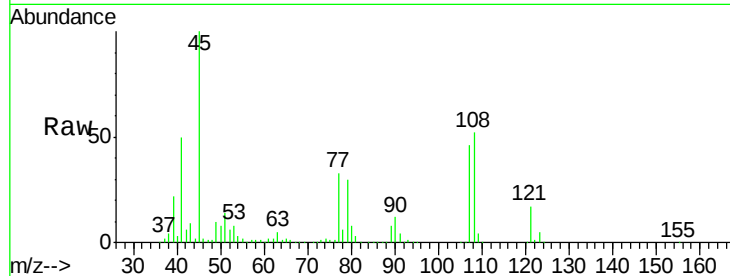




#17
2-Methylphenol
Concen: 35.93 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF087241.D
Acq: 20 May 2016 23:22

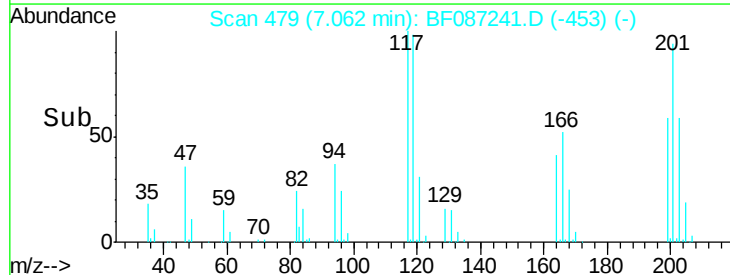
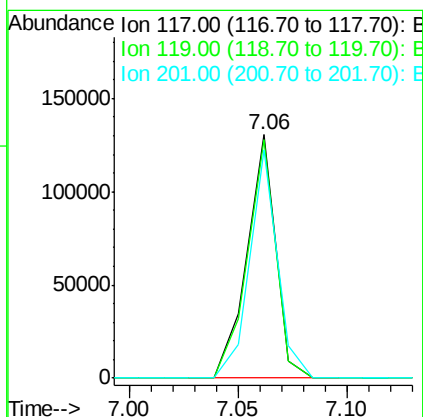
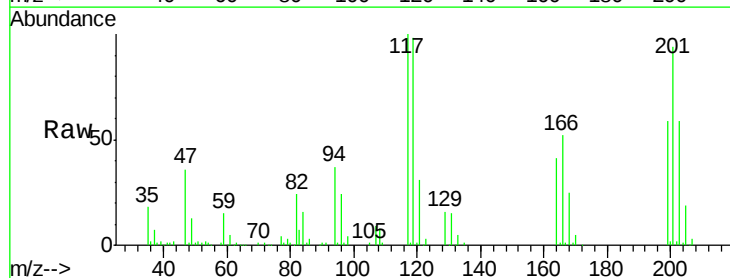
Instrument :
BNA_F
ClientSampleId :
PB90736BS

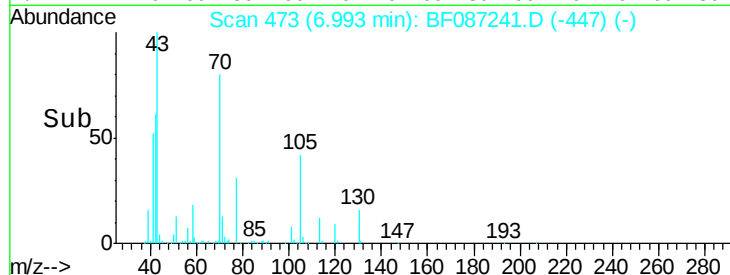
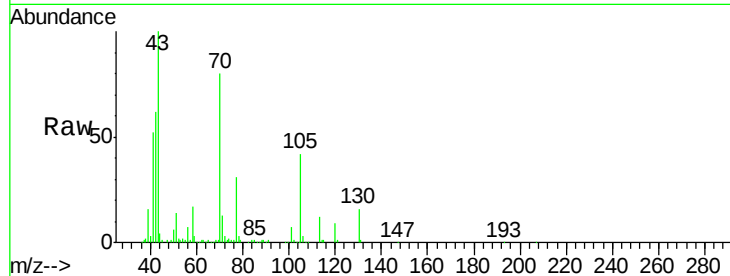
Tgt Ion:107 Resp: 245800
Ion Ratio Lower Upper
107 100
108 113.4 93.7 140.5
77 72.6 33.4 50.0#
79 65.9 34.3 51.5#



#18
Hexachloroethane
Concen: 34.48 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF087241.D
Acq: 20 May 2016 23:22

Tgt Ion:117 Resp: 119437
Ion Ratio Lower Upper
117 100
119 98.0 76.5 114.7
201 93.5 63.0 94.6

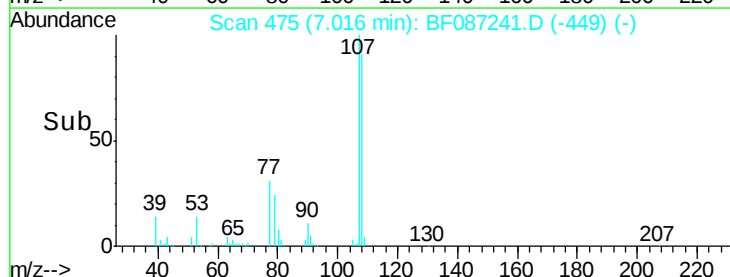
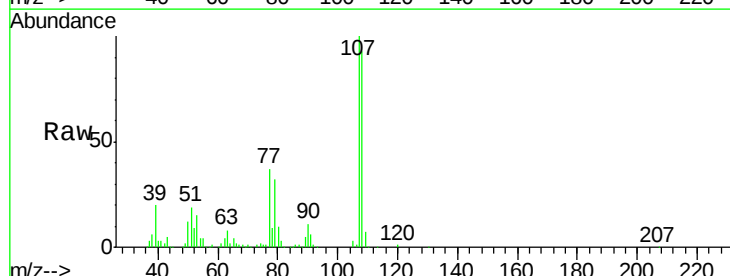
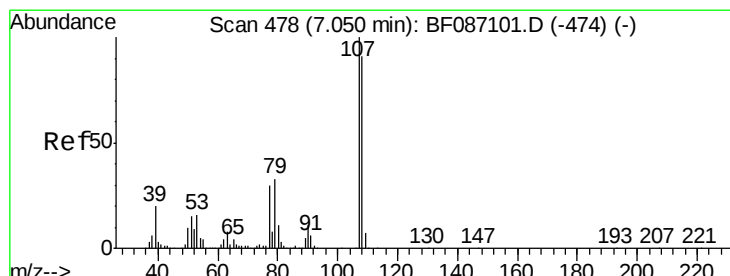
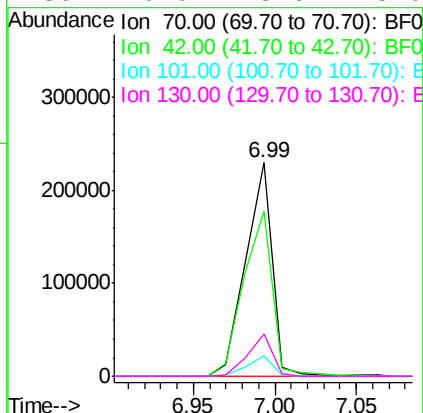




#19
n-Nitroso-di-n-propylamine
Concen: 36.94 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF087241.D
Acq: 20 May 2016 23:22

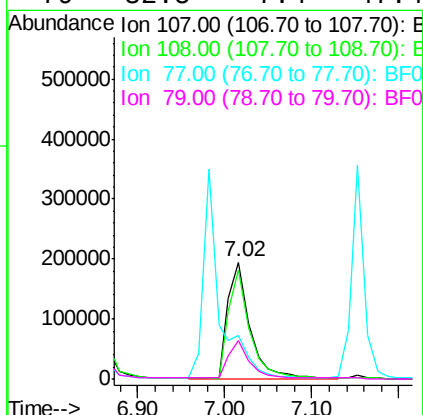
Instrument :
BNA_F
ClientSampleId :
PB90736BS

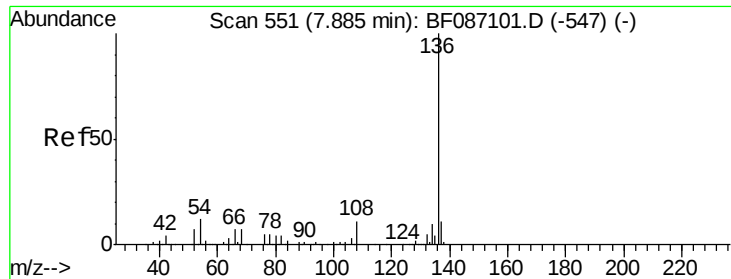
Tgt Ion: 70 Resp: 257854
Ion Ratio Lower Upper
70 100
42 77.2 43.1 64.7#
101 9.3 8.1 12.1
130 20.0 18.6 28.0



#20
3+4-Methylphenols
Concen: 38.26 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.00 min
Lab File: BF087241.D
Acq: 20 May 2016 23:22

Tgt Ion: 107 Resp: 345322
Ion Ratio Lower Upper
107 100
108 92.8 68.5 108.5
77 37.4 101.6 141.6#
79 32.5 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Instrument :

BNA_F

ClientSampleId :

PB90736BS

Tgt Ion:136 Resp: 497644

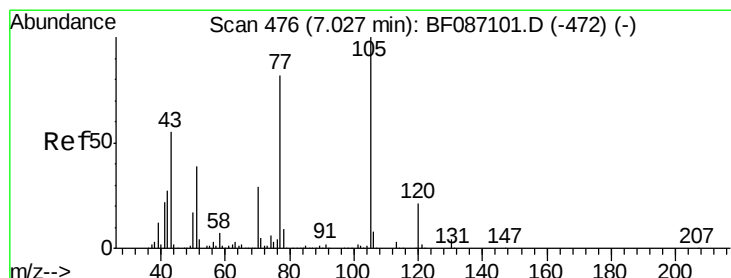
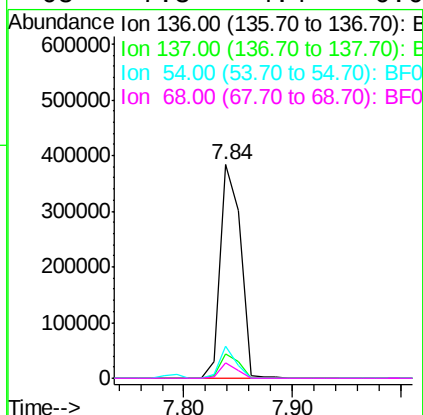
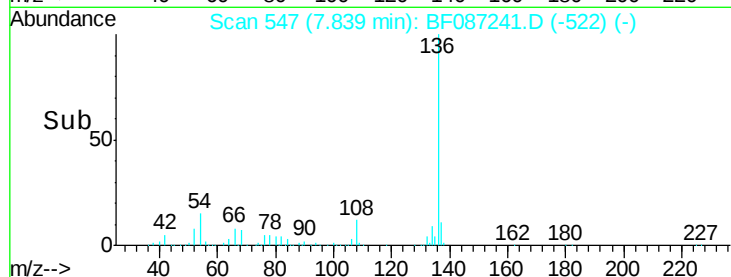
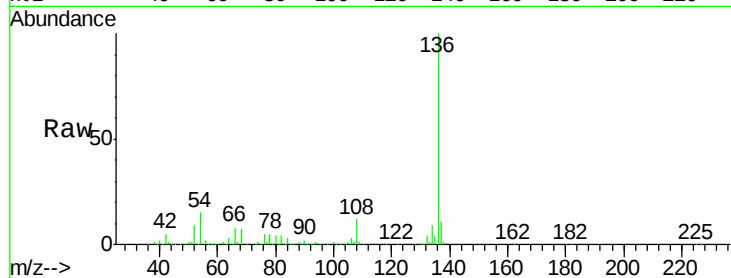
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 14.7 5.0 7.4#

68 7.3 4.4 6.6#



#22

Acetophenone

Concen: 35.13 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Tgt Ion:105 Resp: 427845

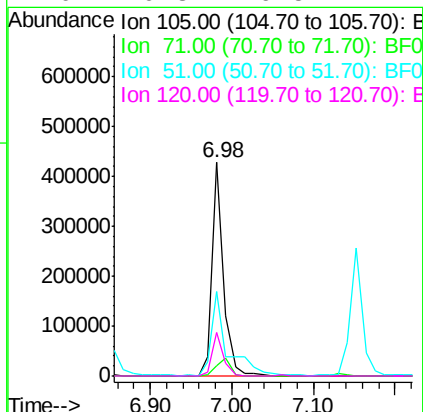
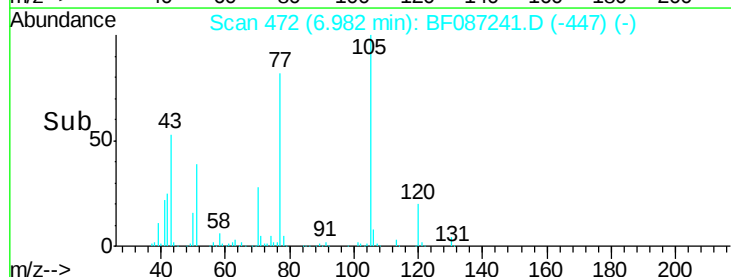
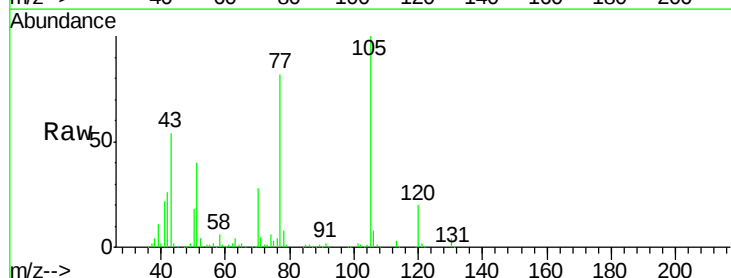
Ion Ratio Lower Upper

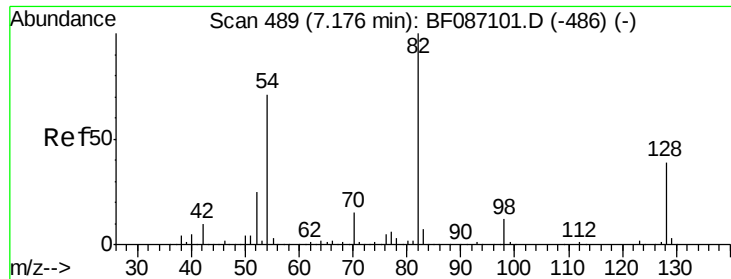
105 100

71 4.7 4.8 7.2#

51 39.5 32.6 49.0

120 20.3 16.5 24.7

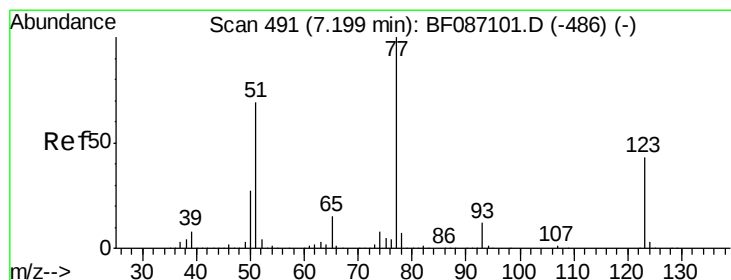
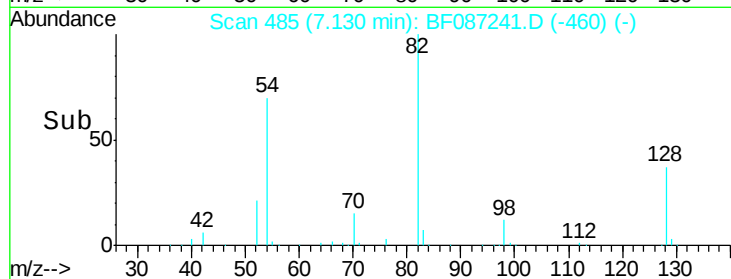
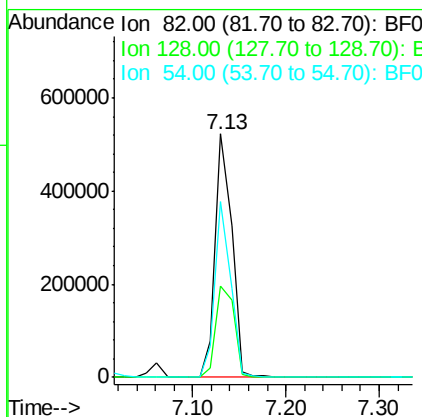
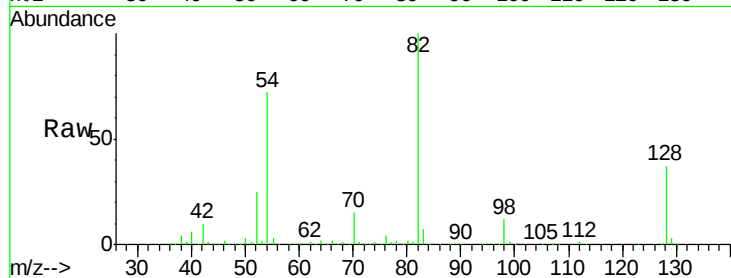




#23
 Nitrobenzene-d5
 Concen: 65.41 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

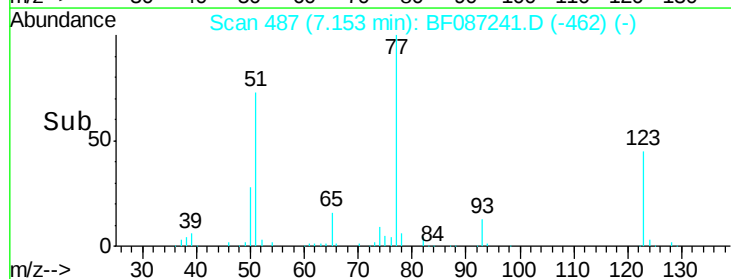
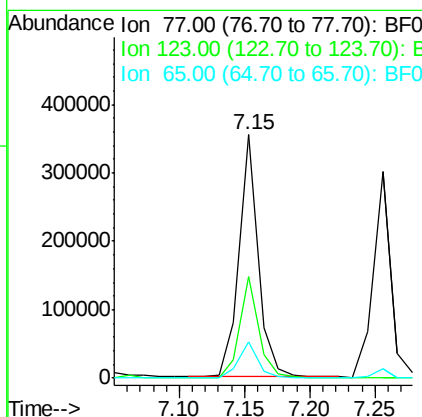
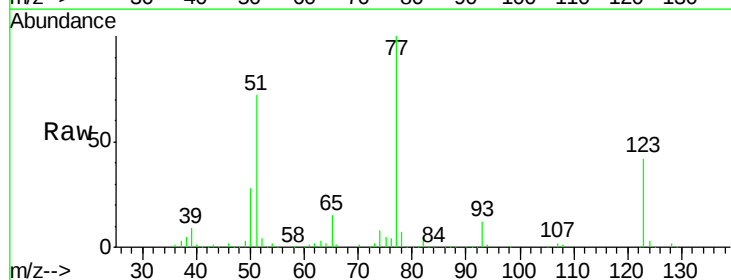
Instrument :
 BNA_F
 ClientSampleId :
 PB90736BS

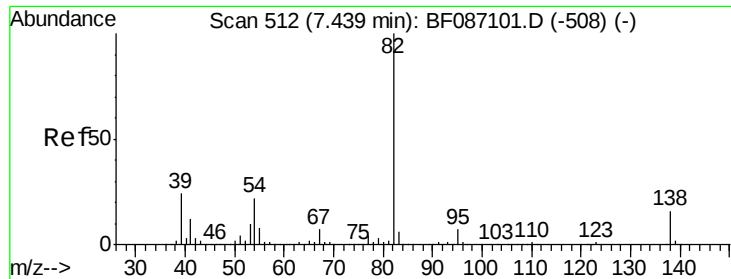
Tgt Ion: 82 Resp: 653168
 Ion Ratio Lower Upper
 82 100
 128 37.4 40.6 61.0#
 54 72.2 38.1 57.1#



#24
 Nitrobenzene
 Concen: 32.98 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Tgt Ion: 77 Resp: 359575
 Ion Ratio Lower Upper
 77 100
 123 41.8 33.0 49.4
 65 15.1 10.8 16.2

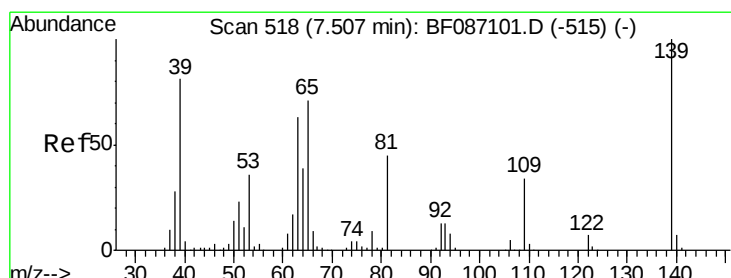
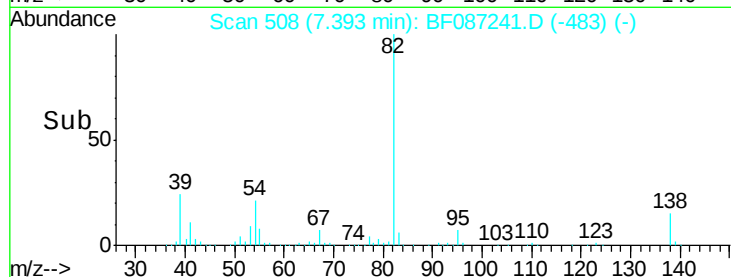
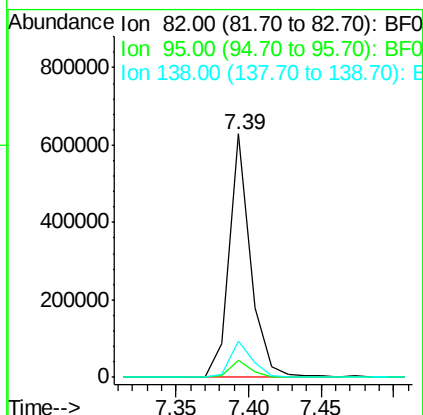
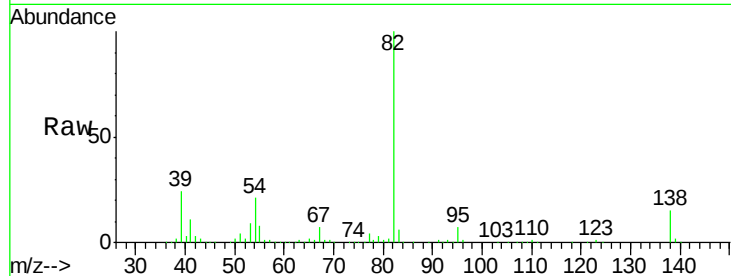




#25
Isophorone
Concen: 35.33 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF087241.D
Acq: 20 May 2016 23:22

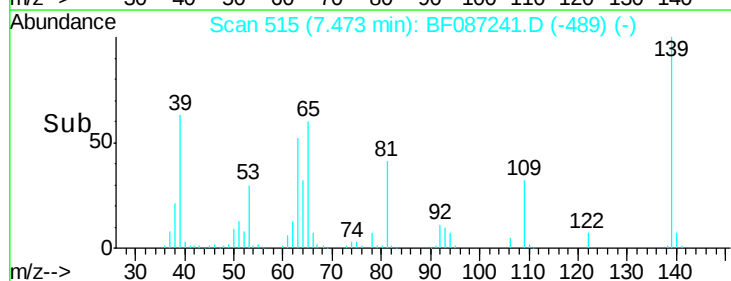
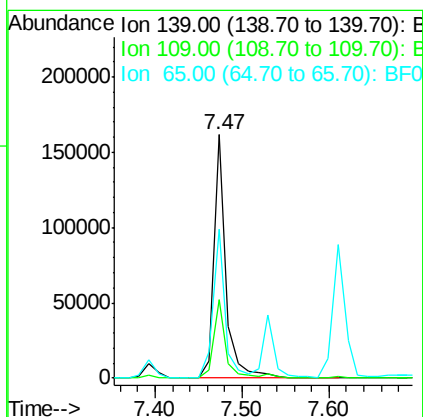
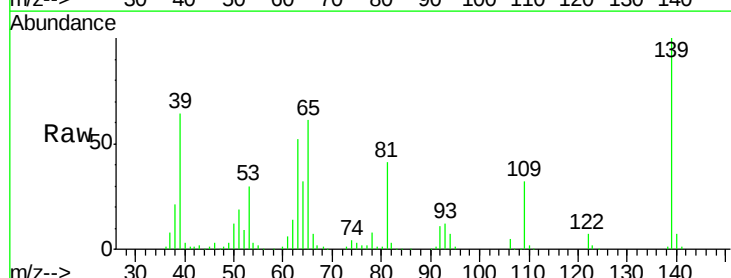
Instrument :
BNA_F
ClientSampleId :
PB90736BS

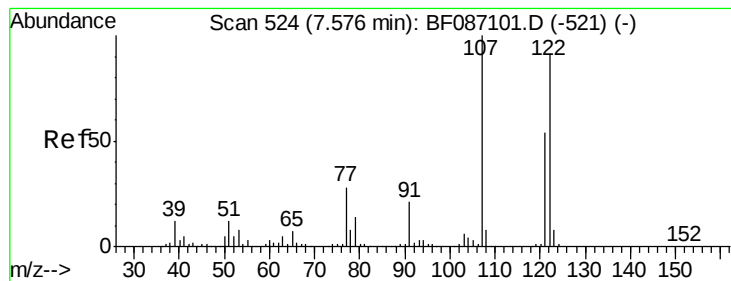
Tgt Ion: 82 Resp: 645816
Ion Ratio Lower Upper
82 100
95 7.2 5.1 7.7
138 15.1 12.4 18.6



#26
2-Nitrophenol
Concen: 35.07 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF087241.D
Acq: 20 May 2016 23:22

Tgt Ion: 139 Resp: 158390
Ion Ratio Lower Upper
139 100
109 32.1 19.5 29.3#
65 61.3 37.5 56.3#

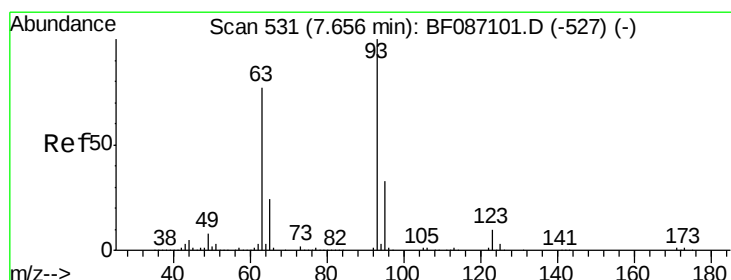
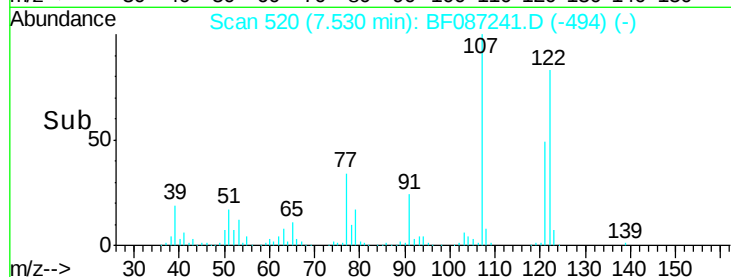
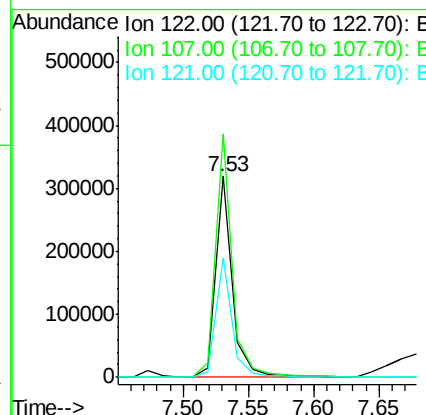
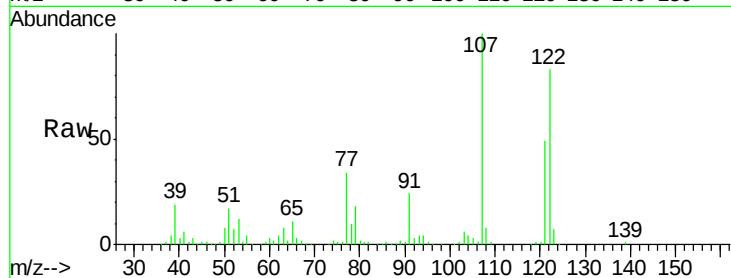




#27
 2,4-Dimethylphenol
 Concen: 36.83 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

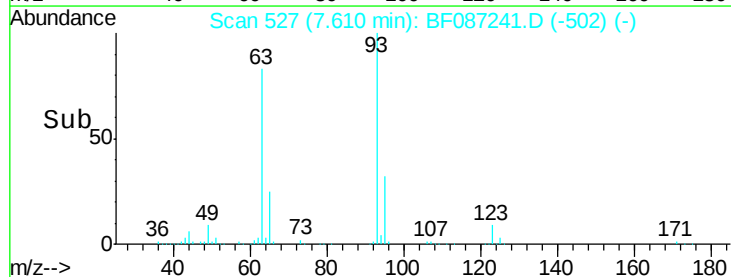
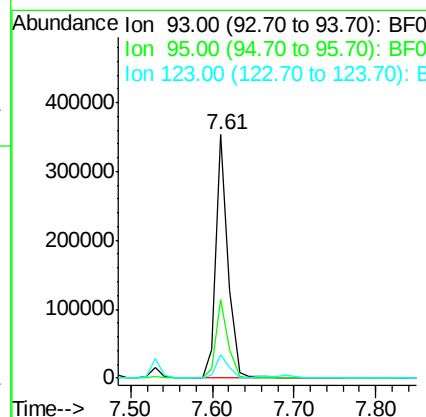
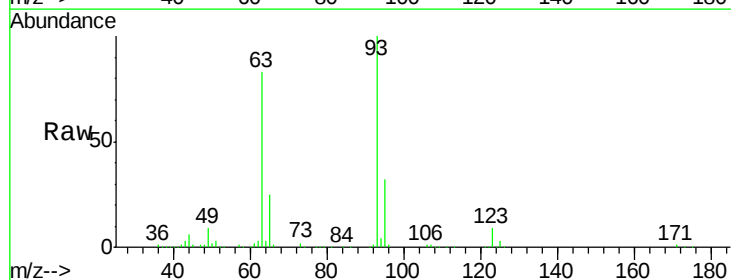
Instrument :
 BNA_F
 ClientSampled :
 PB90736BS

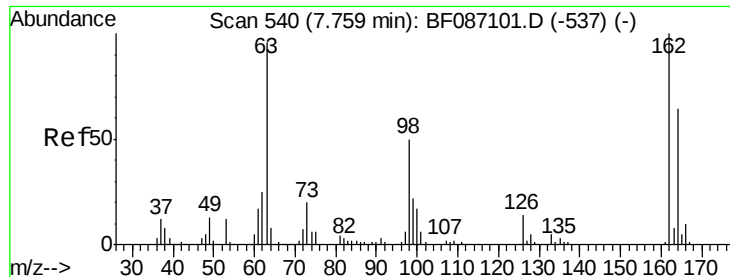
Tgt Ion: 122 Resp: 283866
 Ion Ratio Lower Upper
 122 100
 107 121.0 82.0 123.0
 121 59.4 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.07 ng
 RT: 7.61 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Tgt Ion: 93 Resp: 371940
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.0 39.0
 123 9.4 9.5 14.3#

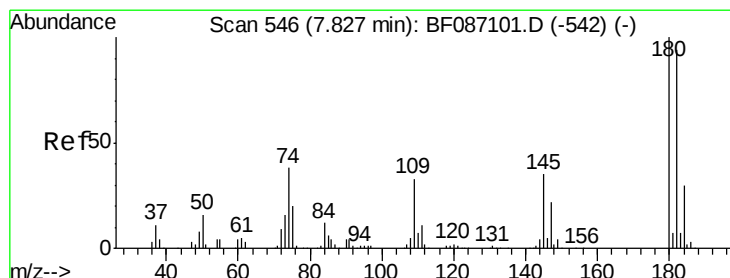
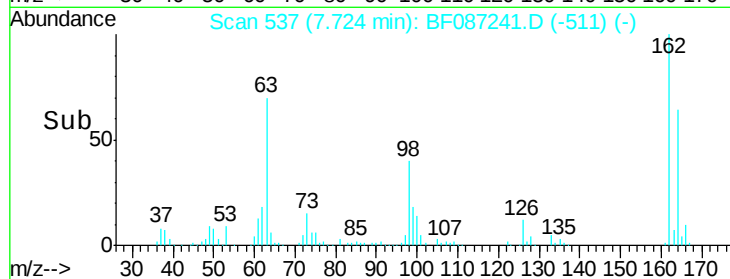
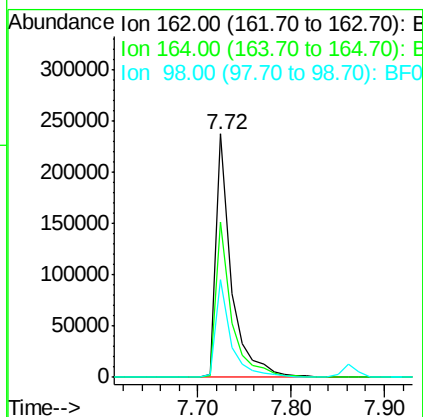
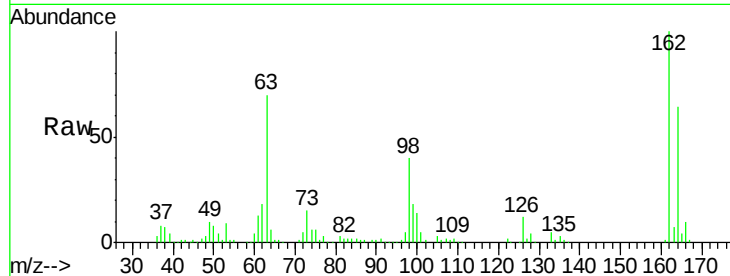




#29
 2,4-Dichlorophenol
 Concen: 40.14 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

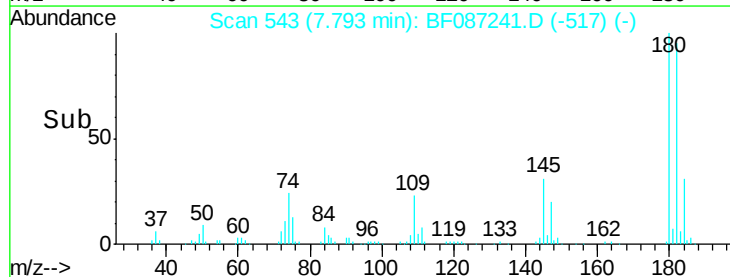
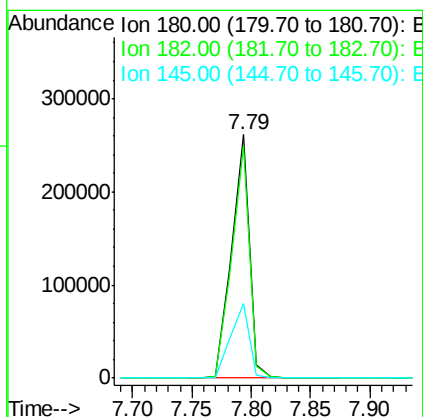
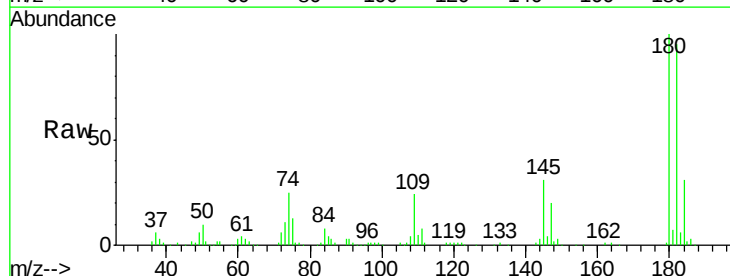
Instrument :
 BNA_F
 ClientSampleId :
 PB90736BS

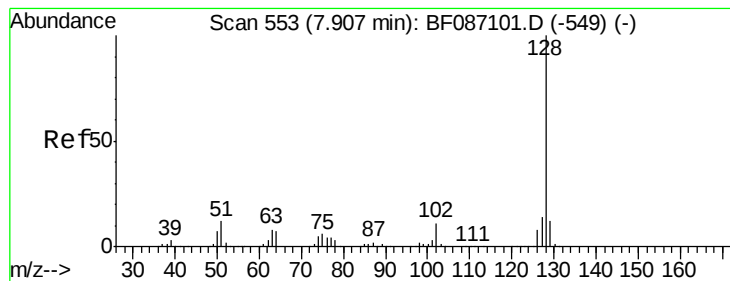
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.2	82.2
98	40.3	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 36.09 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	78.0	117.0
145	30.8	24.2	36.2





#31

Naphthalene

Concen: 34.75 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Instrument :

BNA_F

ClientSampleId :

PB90736BS

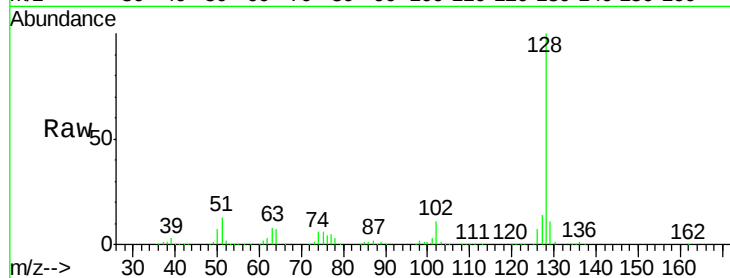
Tgt Ion:128 Resp: 845072

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

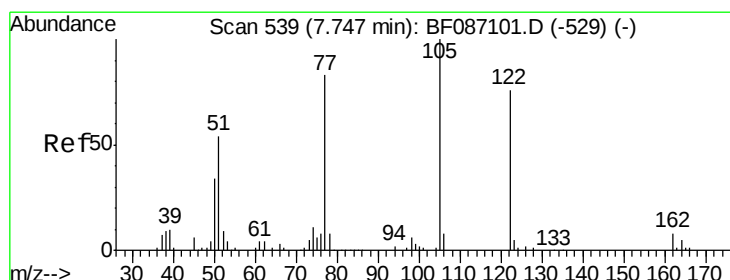
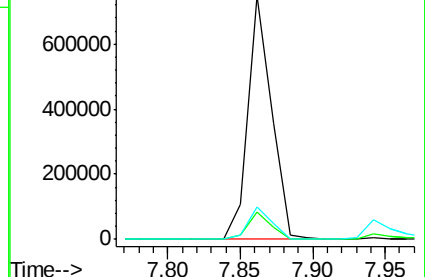
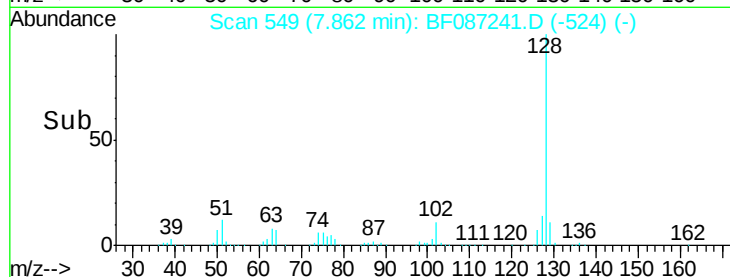
127 13.5 10.8 16.2



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: 31.53 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

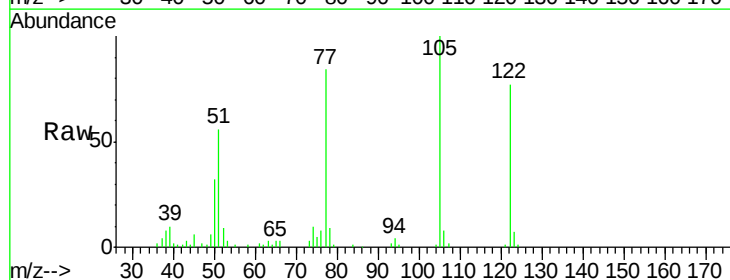
Tgt Ion:122 Resp: 144870

Ion Ratio Lower Upper

122 100

105 130.6 92.6 132.6

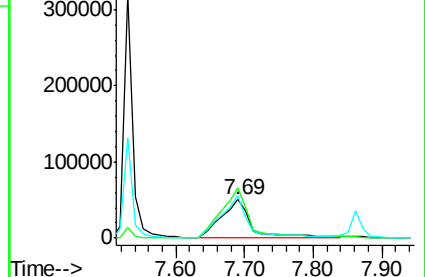
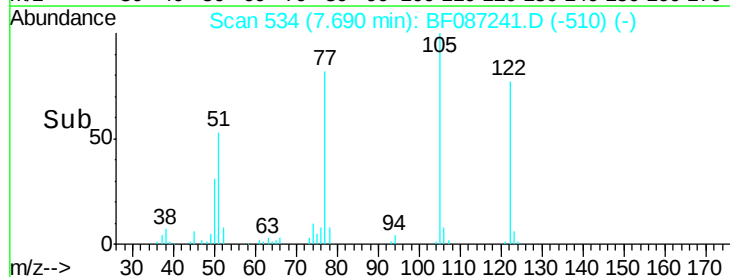
77 109.7 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

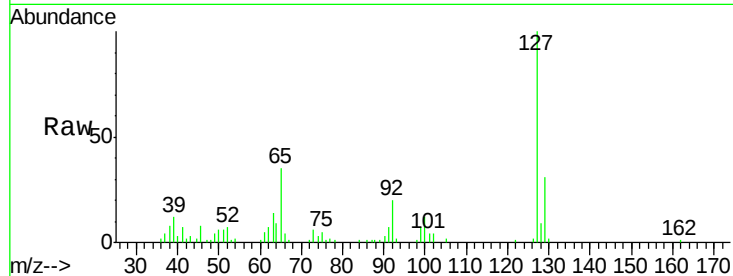




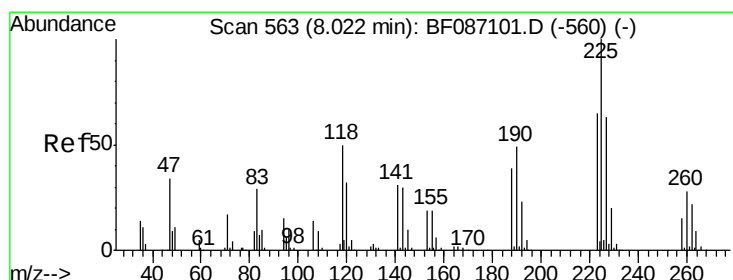
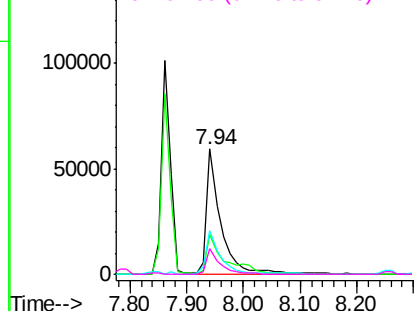
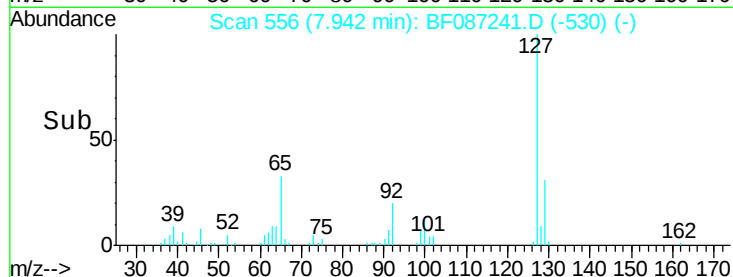
#33
4-Chloroaniline
Concen: 9.97 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF087241.D
Acq: 20 May 2016 23:22

Instrument :
BNA_F
ClientSampleId :
PB90736BS

Tgt Ion:	127	Resp:	100719
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.4
65	34.7	23.0	34.4#
92	20.1	15.1	22.7

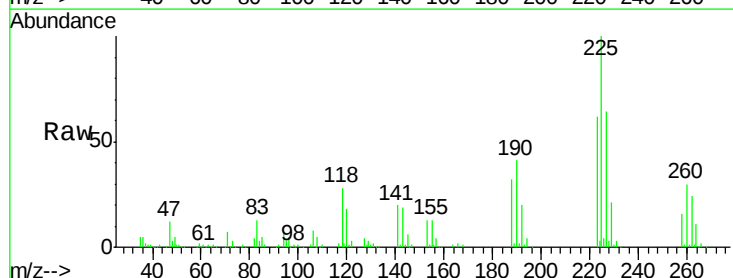


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

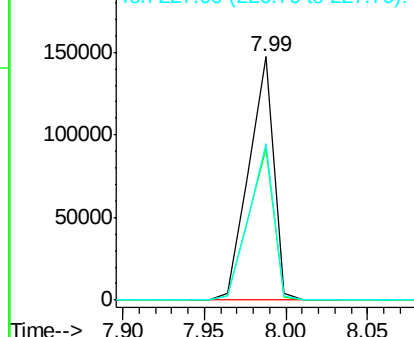
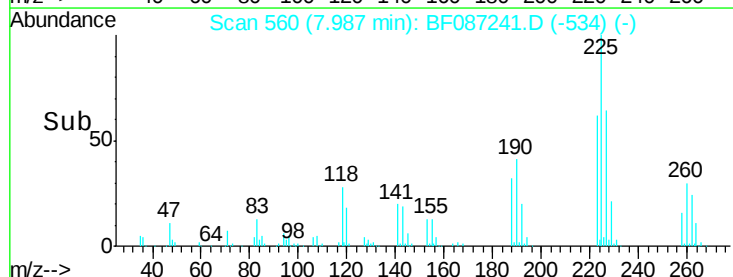


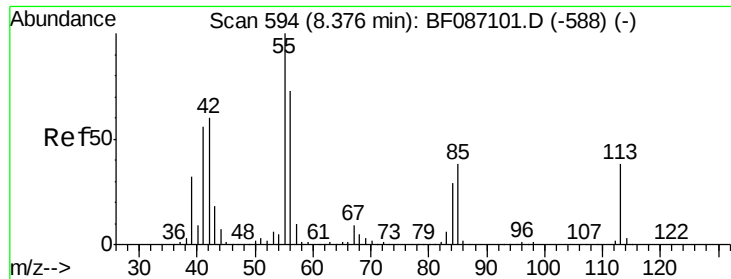
#34
Hexachlorobutadiene
Concen: 36.63 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF087241.D
Acq: 20 May 2016 23:22

Tgt Ion:	225	Resp:	156685
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.5	77.3
227	64.4	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

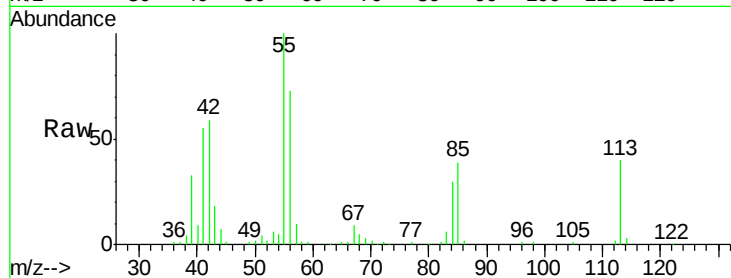




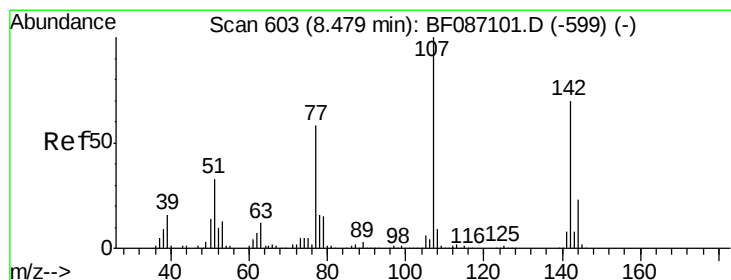
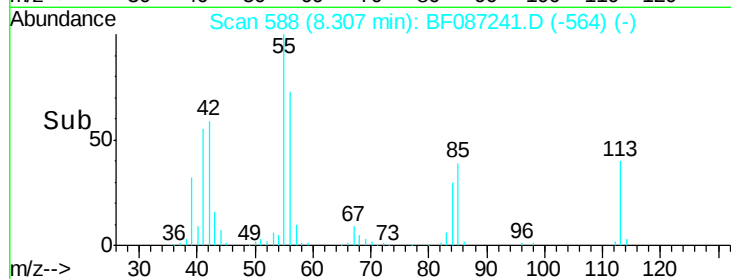
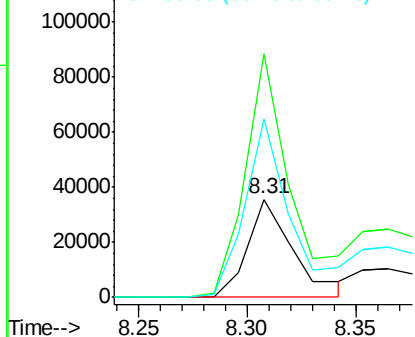
#35
 Caprolactam
 Concen: 23.20 ng
 RT: 8.31 min Scan# 588
 Delta R.T. -0.02 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB90736BS

Tgt Ion:113 Resp: 52462
 Ion Ratio Lower Upper
 113 100
 55 247.8 162.0 202.0#
 56 181.4 115.3 155.3#

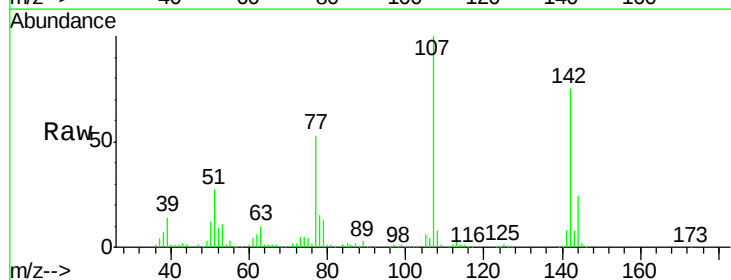


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

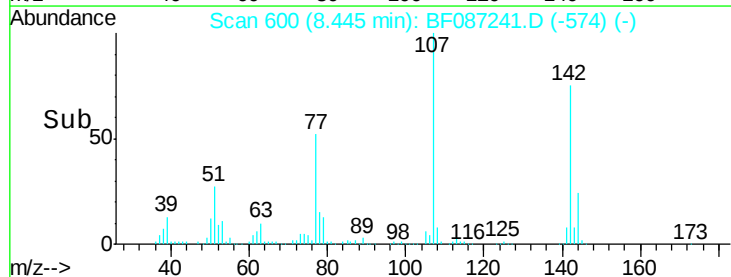
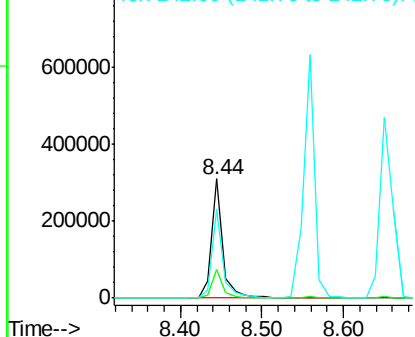


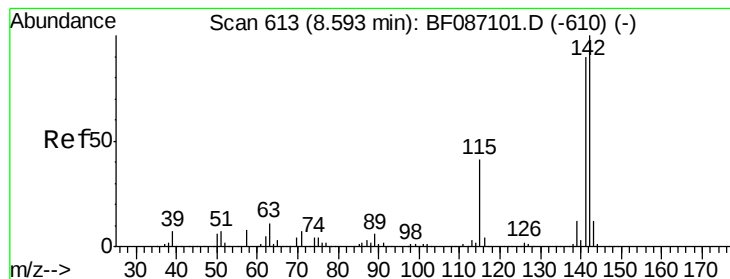
#36
 4-Chloro-3-methylphenol
 Concen: 37.52 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Tgt Ion:107 Resp: 307398
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.7 31.1
 142 74.7 63.2 94.8



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.24 ng

RT: 8.56 min Scan# 610

Delta R.T. -0.10 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Instrument :

BNA_F

ClientSampleId :

PB90736BS

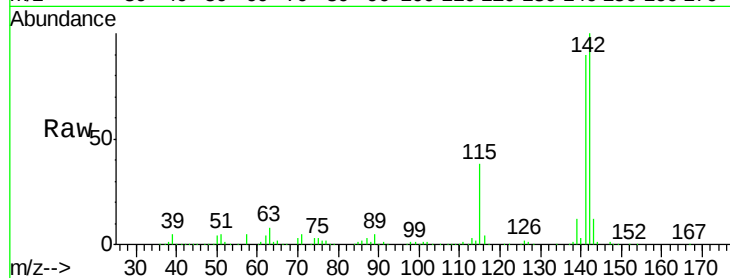
Tgt Ion:142 Resp: 594781

Ion Ratio Lower Upper

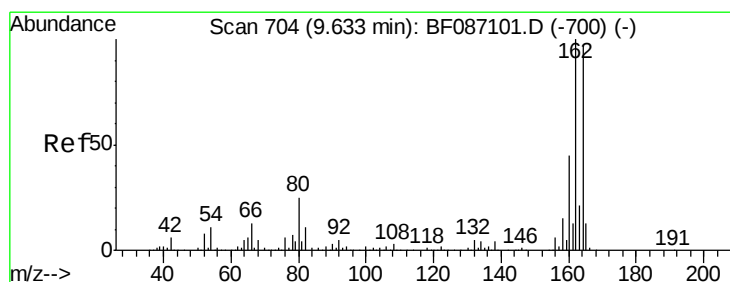
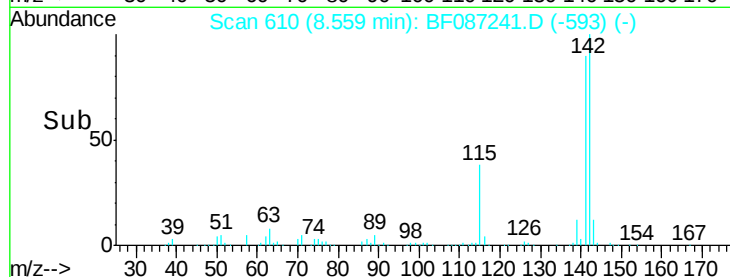
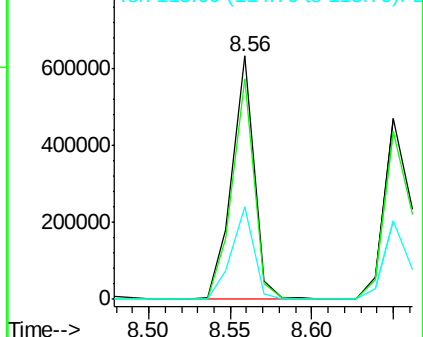
142 100

141 90.4 71.0 106.6

115 38.0 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. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

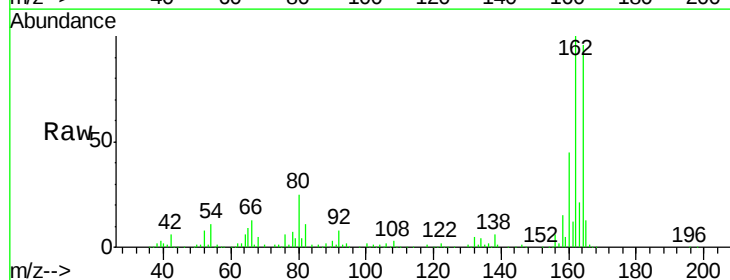
Tgt Ion:164 Resp: 250332

Ion Ratio Lower Upper

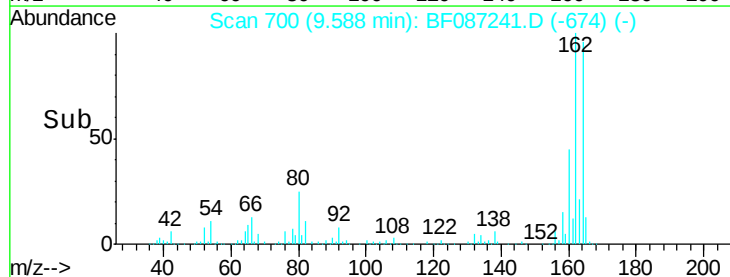
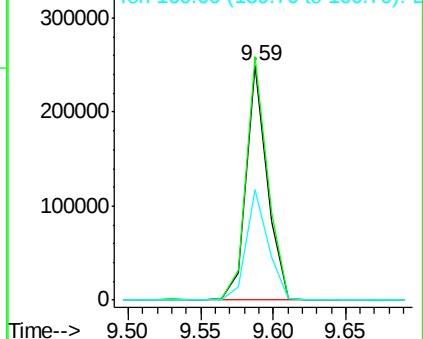
164 100

162 104.0 82.8 124.2

160 47.0 36.9 55.3



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

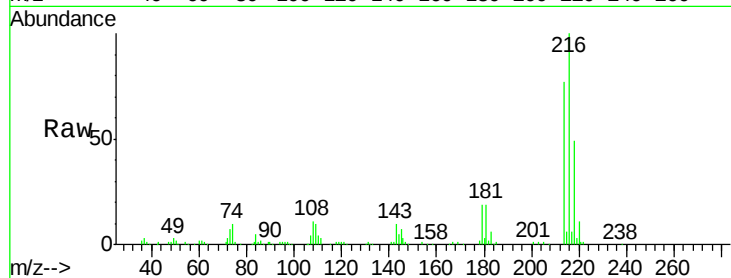




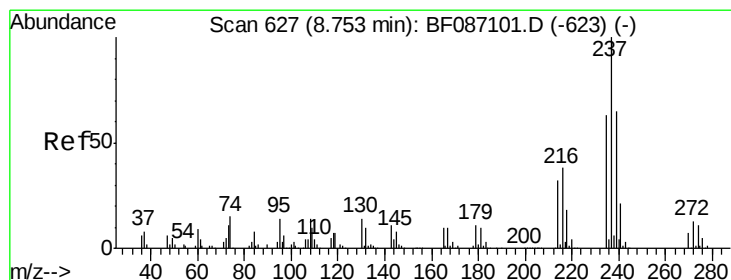
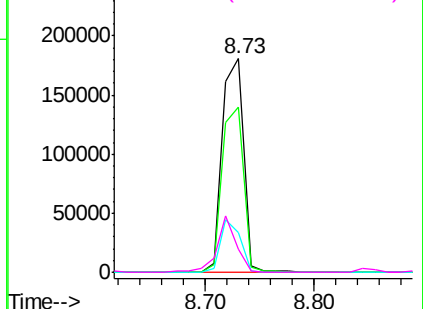
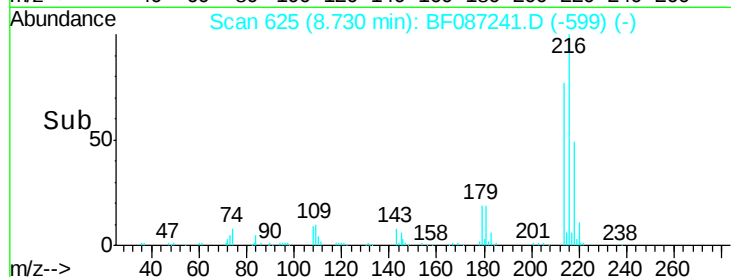
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.71 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB90736BS

Tgt Ion:	216	Resp:	246470
Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.6	93.8
179	22.8	18.2	27.4
108	23.6	17.5	26.3

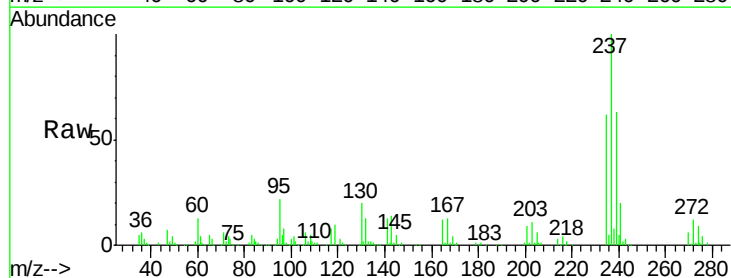


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

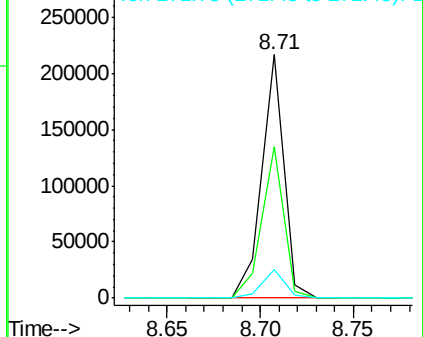
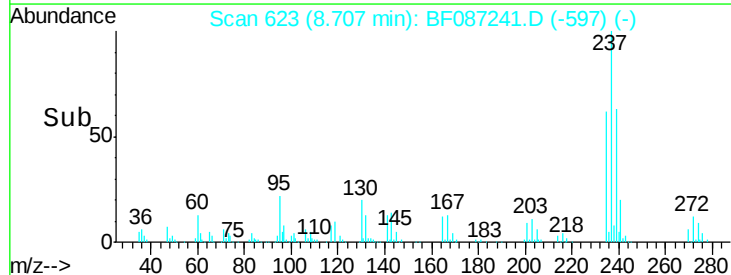


#40
 Hexachlorocyclopentadiene
 Concen: 65.44 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Tgt Ion:	237	Resp:	180292
Ion	Ratio	Lower	Upper
237	100		
235	62.4	47.2	87.2
272	11.6	0.0	31.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

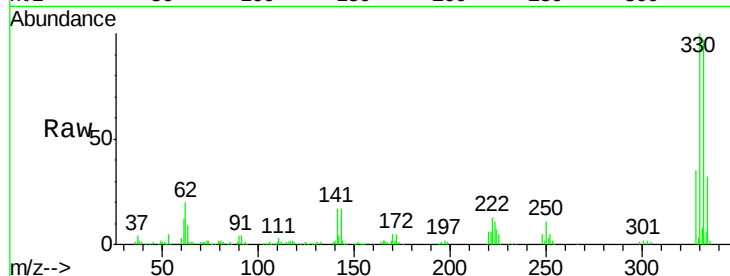




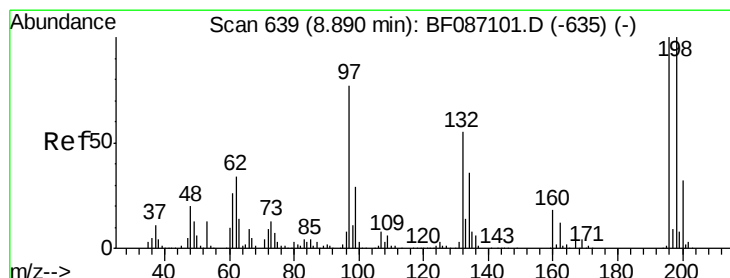
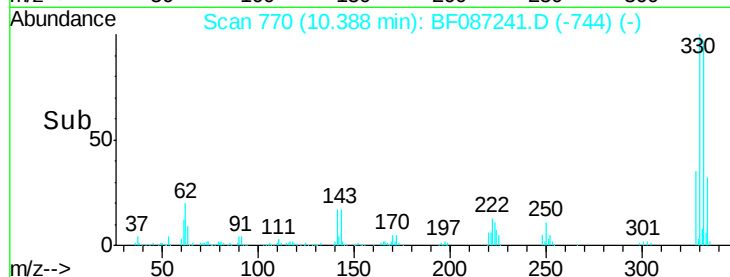
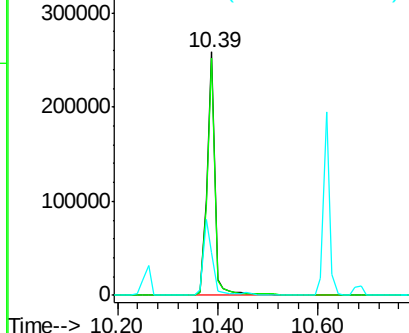
#41
 2,4,6-Tribromophenol
 Concen: 102.93 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB90736BS

Tgt Ion:330 Resp: 284722
 Ion Ratio Lower Upper
 330 100
 332 96.6 79.0 118.4
 141 34.4 31.2 46.8

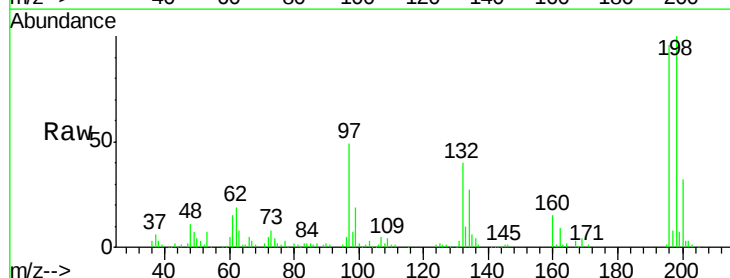


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

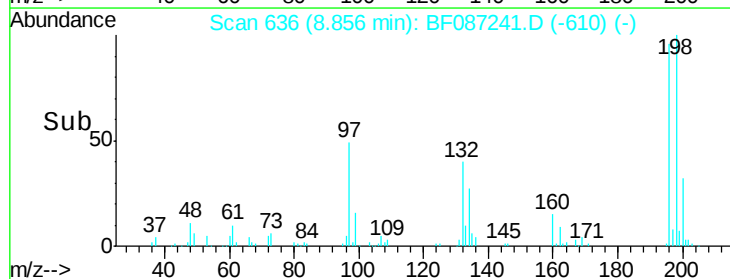
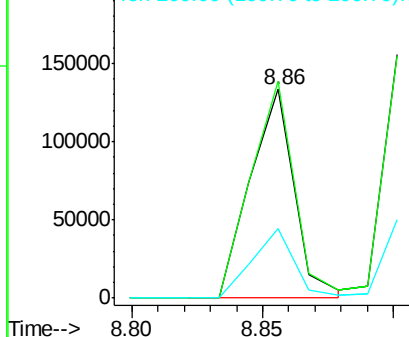


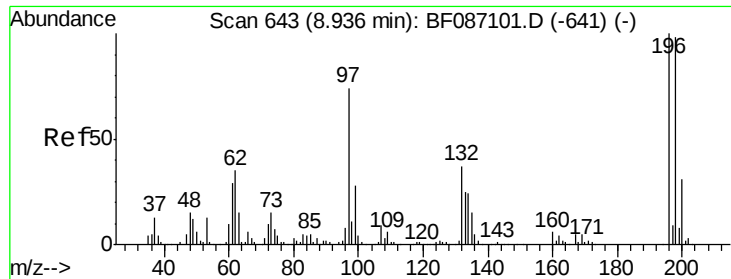
#42
 2,4,6-Trichlorophenol
 Concen: 32.88 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Tgt Ion:196 Resp: 155920
 Ion Ratio Lower Upper
 196 100
 198 103.9 74.7 112.1
 200 33.5 23.8 35.6



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

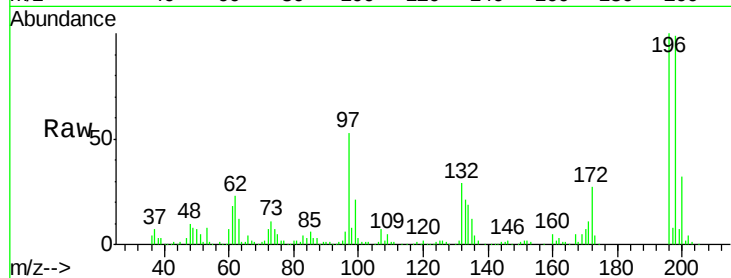




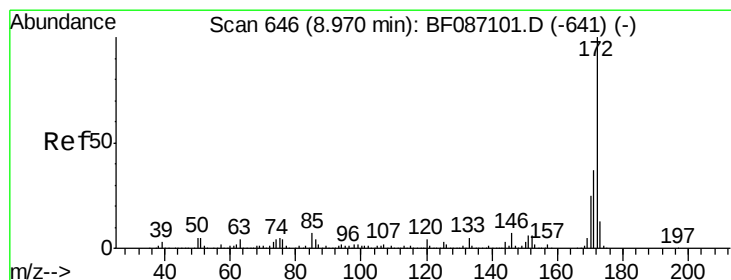
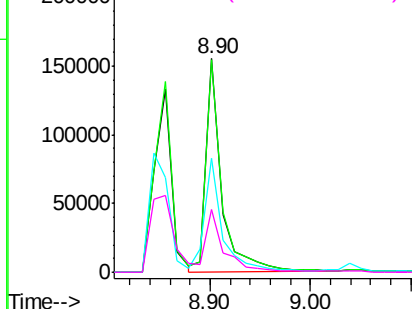
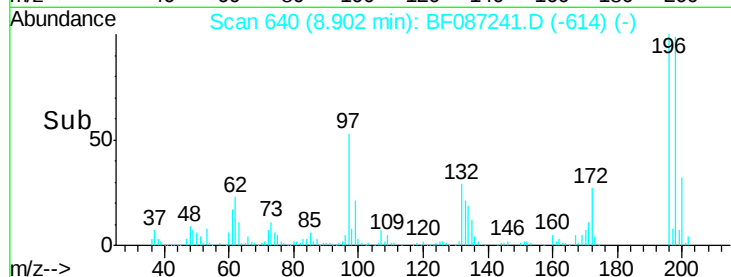
#43
 2,4,5-Trichlorophenol
 Concen: 34.30 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB90736BS

Tgt Ion	Resp	Lower	Upper
196	168967		
198	99.3	77.5	116.3
97	53.1	34.8	52.2
132	29.3	23.0	34.4

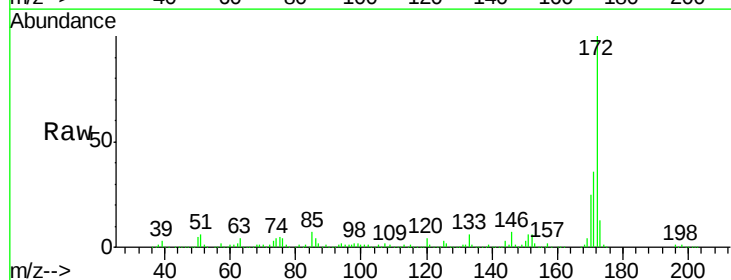


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

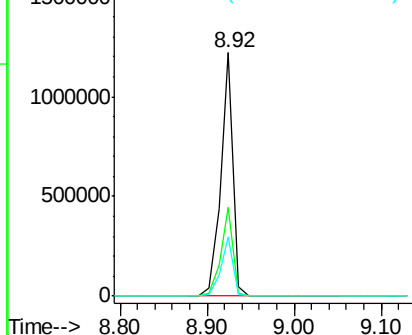
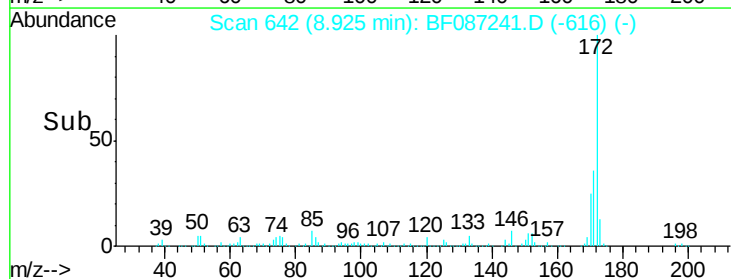


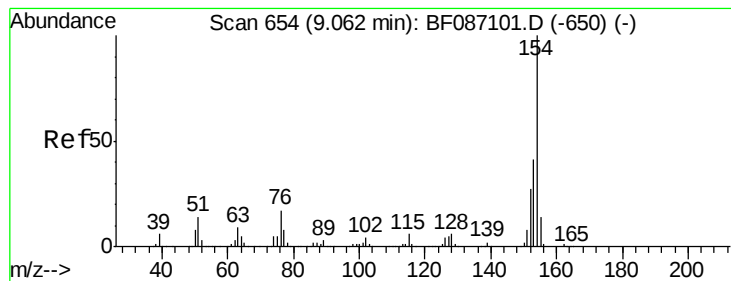
#44
 2-Fluorobiphenyl
 Concen: 79.76 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Tgt Ion	Resp	Lower	Upper
172	1205535		
171	36.4	29.0	43.6
170	24.5	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: 34.67 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Instrument :

BNA_F

ClientSampleId :

PB90736BS

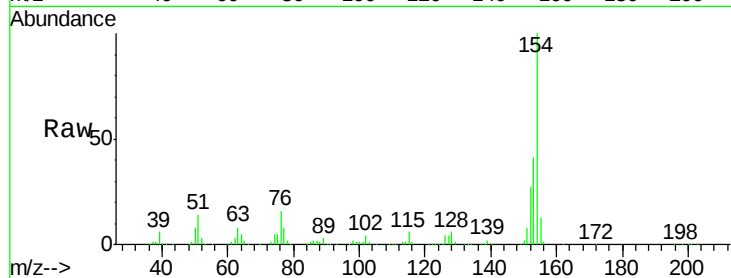
Tgt Ion:154 Resp: 719648

Ion Ratio Lower Upper

154 100

153 41.0 20.3 60.3

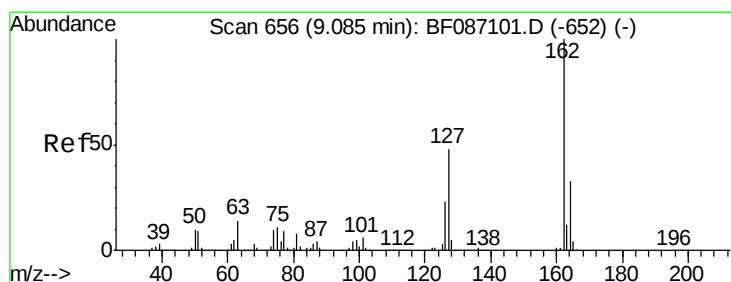
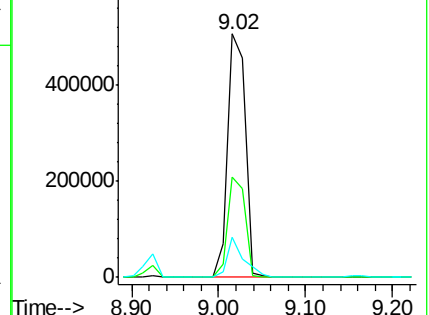
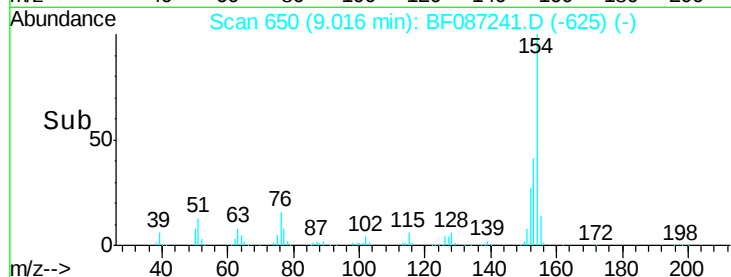
76 16.4 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 34.24 ng

RT: 9.04 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

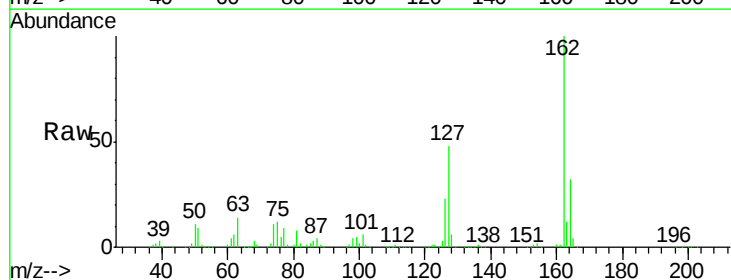
Tgt Ion:162 Resp: 545554

Ion Ratio Lower Upper

162 100

127 48.2 31.8 47.6#

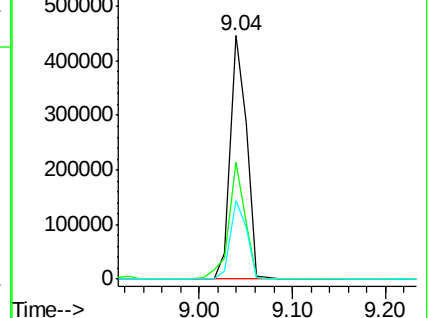
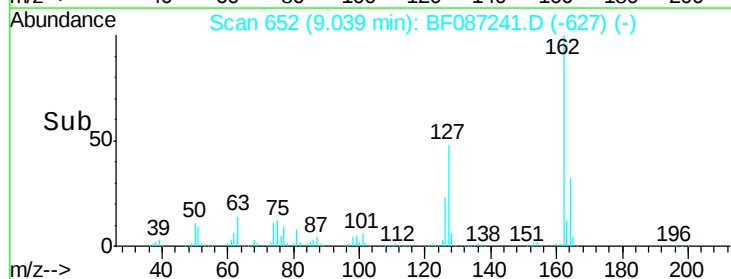
164 32.4 27.0 40.6

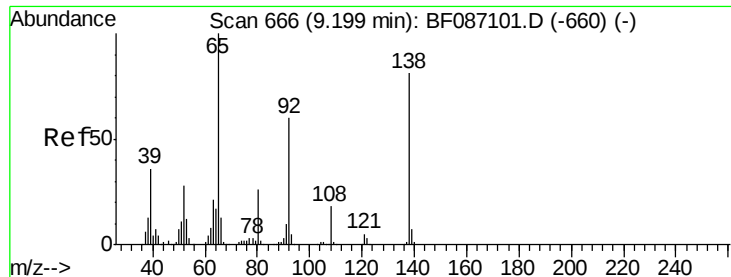


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

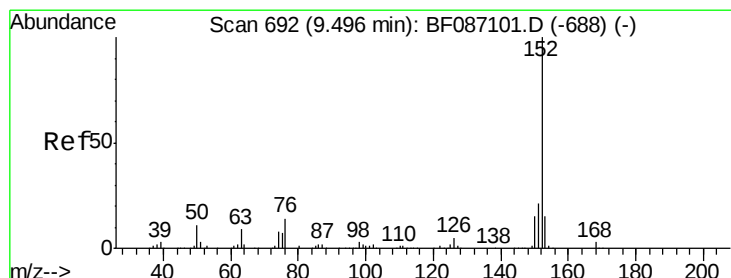
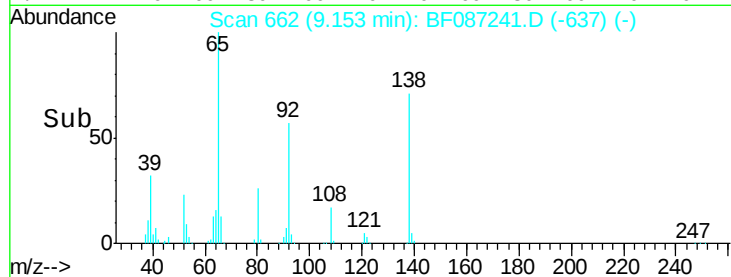
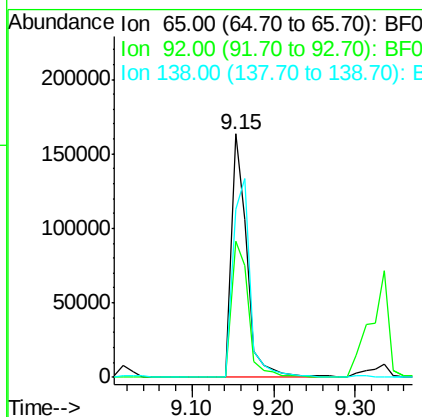
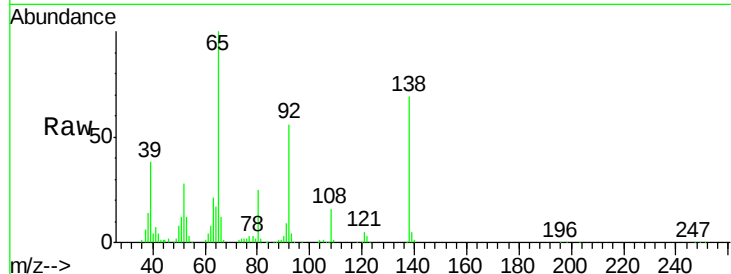




#47
2-Nitroaniline
Concen: 34.74 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF087241.D
Acq: 20 May 2016 23:22

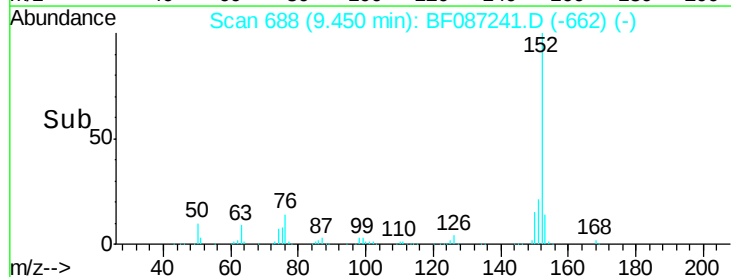
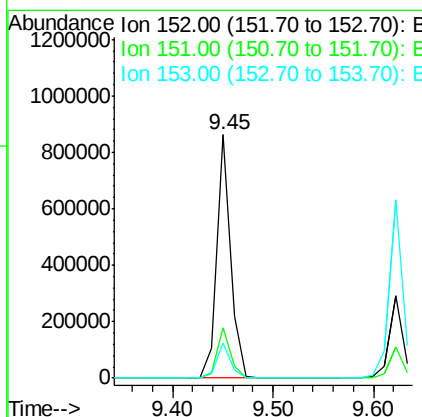
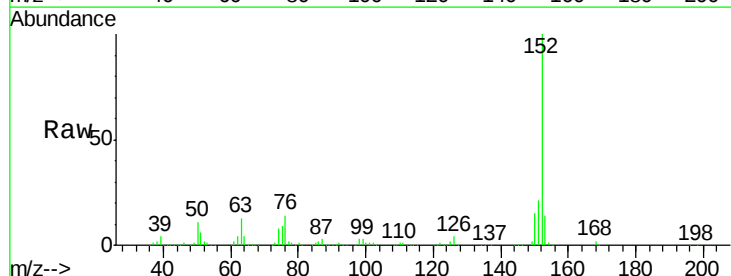
Instrument :
BNA_F
ClientSampleId :
PB90736BS

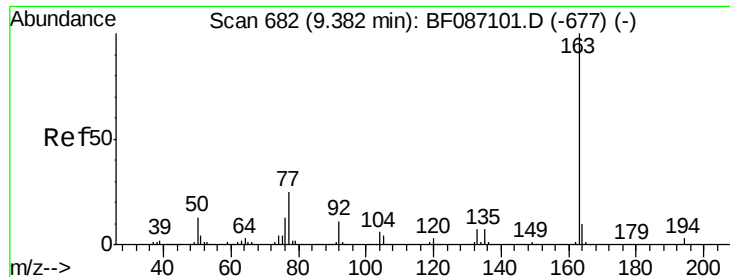
Tgt Ion: 65 Resp: 212132
Ion Ratio Lower Upper
65 100
92 56.1 57.4 86.2#
138 69.2 90.1 135.1#



#48
Acenaphthylene
Concen: 34.02 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF087241.D
Acq: 20 May 2016 23:22

Tgt Ion: 152 Resp: 827694
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 14.4 10.9 16.3





#49

Dimethylphthalate

Concen: 37.28 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Instrument :

BNA_F

ClientSampleId :

PB90736BS

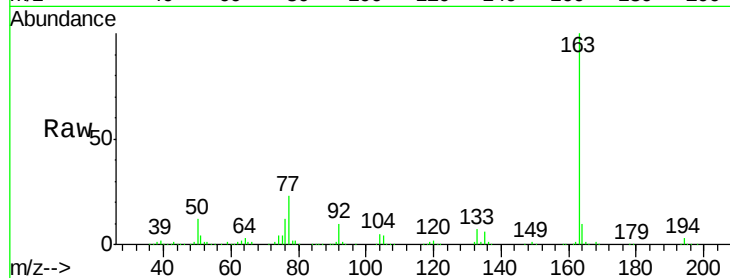
Tgt Ion:163 Resp: 711995

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

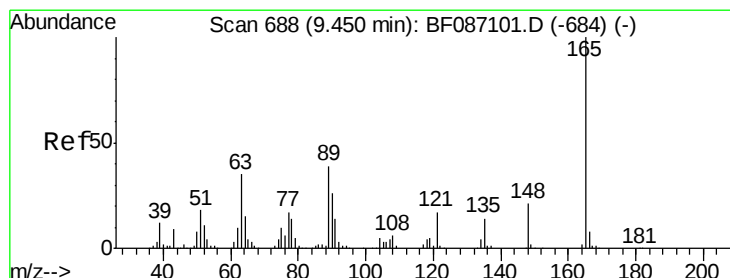
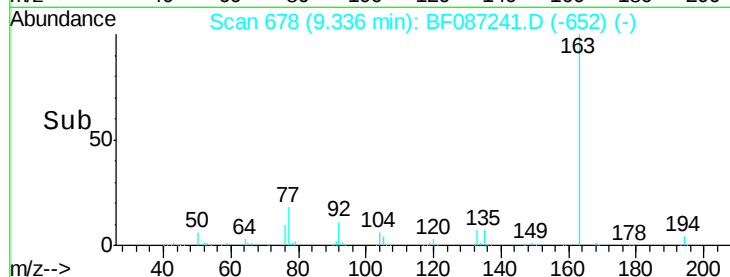
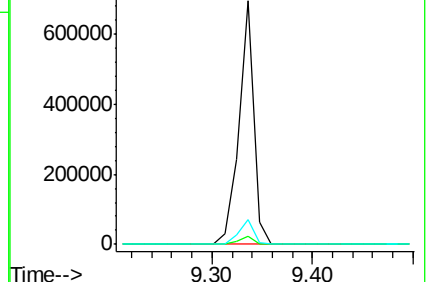
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.23 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

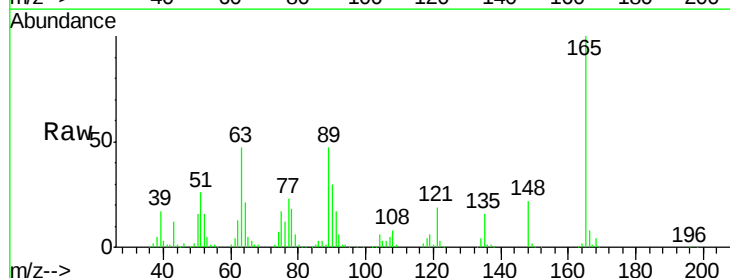
Tgt Ion:165 Resp: 158510

Ion Ratio Lower Upper

165 100

63 47.0 51.8 77.8#

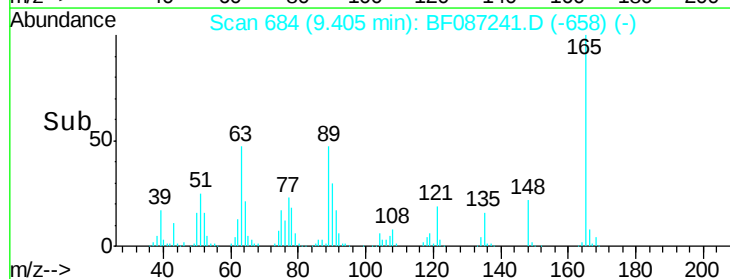
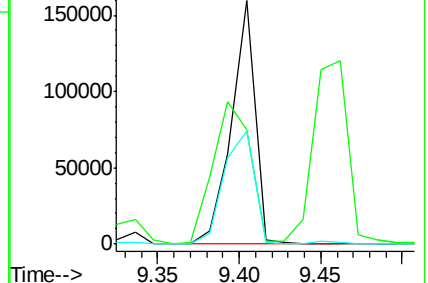
89 46.5 50.7 76.1#

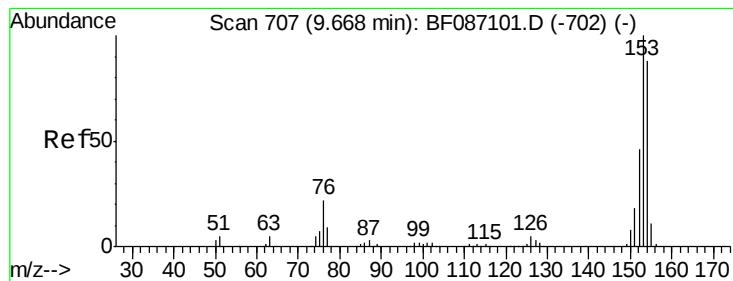


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.02 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Instrument :

BNA_F

ClientSampleId :

PB90736BS

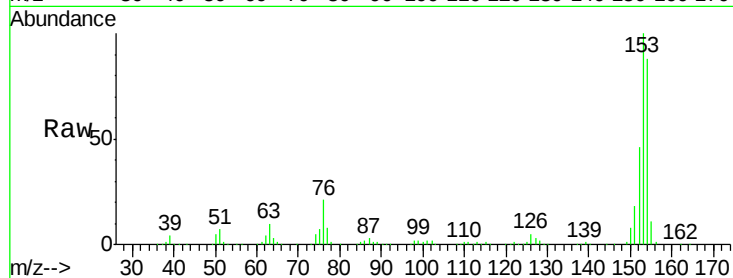
Tgt Ion:154 Resp: 517114

Ion Ratio Lower Upper

154 100

153 113.4 89.8 134.6

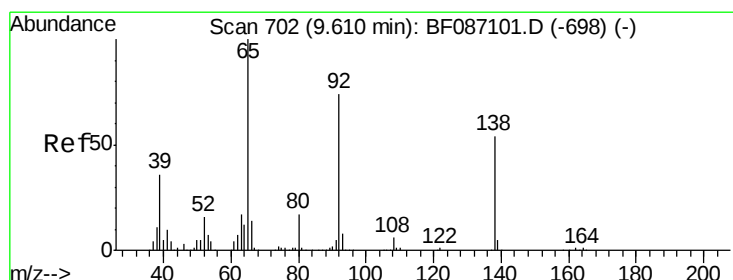
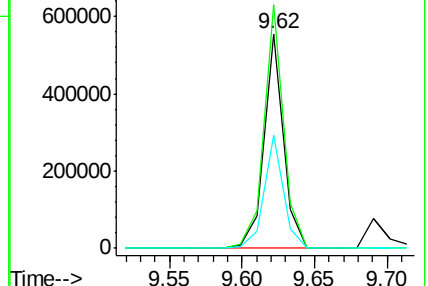
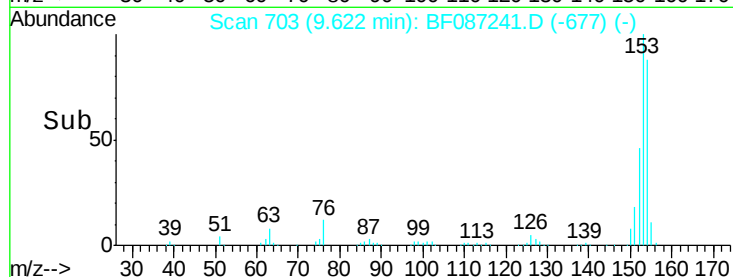
152 52.6 43.4 65.0



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: 14.04 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

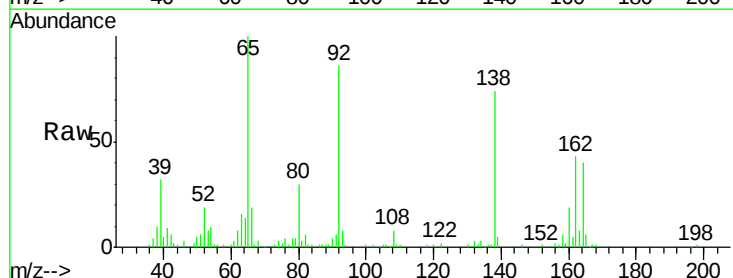
Tgt Ion:138 Resp: 63003

Ion Ratio Lower Upper

138 100

108 11.5 7.8 11.6

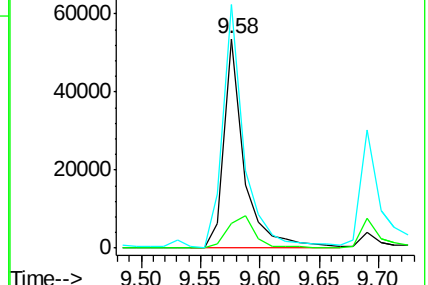
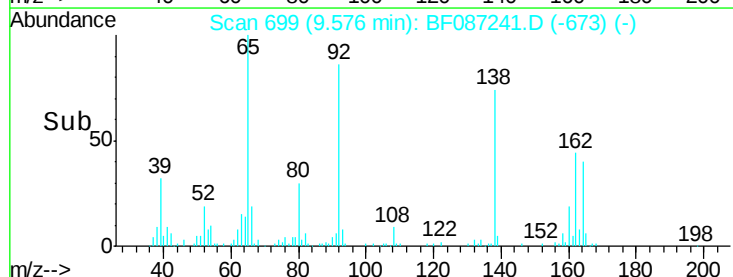
92 116.2 87.8 131.8

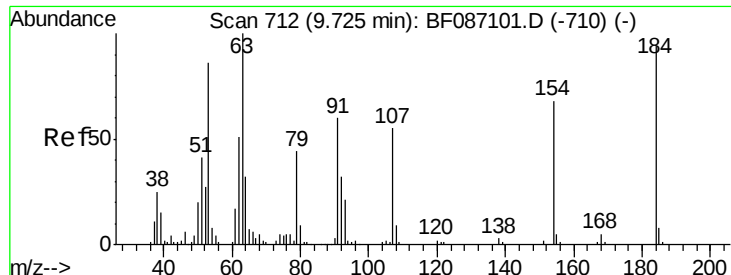


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

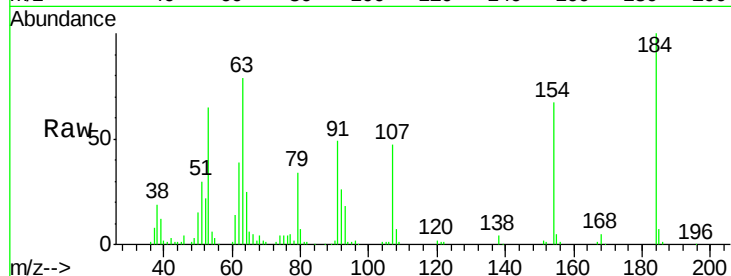




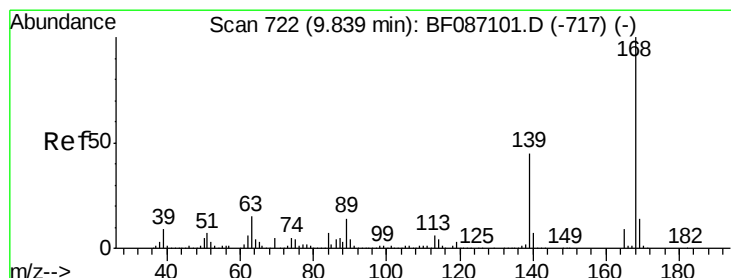
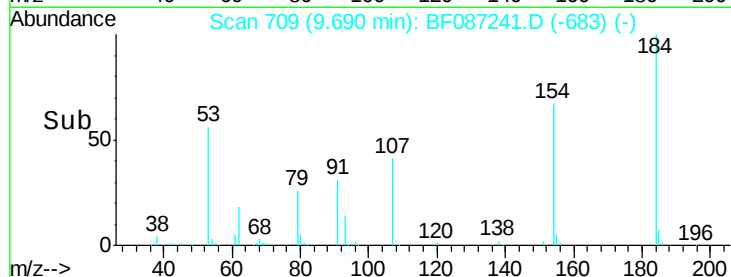
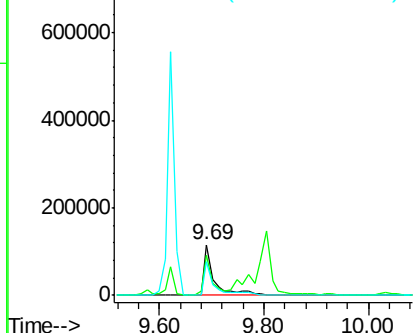
#53
 2,4-Dinitrophenol
 Concen: 70.35 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB90736BS

Tgt Ion:184 Resp: 165706
 Ion Ratio Lower Upper
 184 100
 63 79.1 55.8 83.8
 154 66.9 62.4 93.6

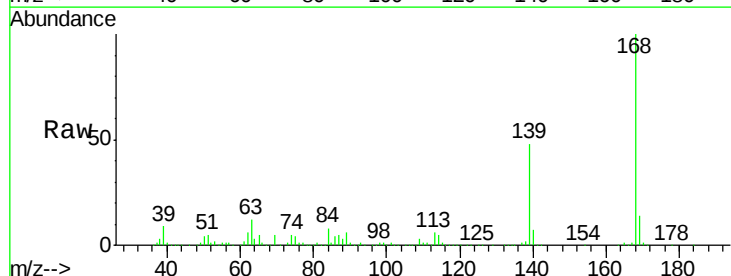


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

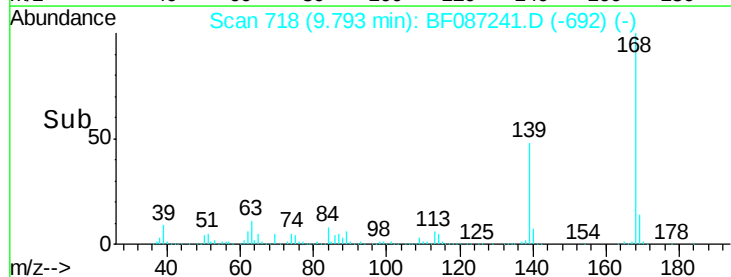
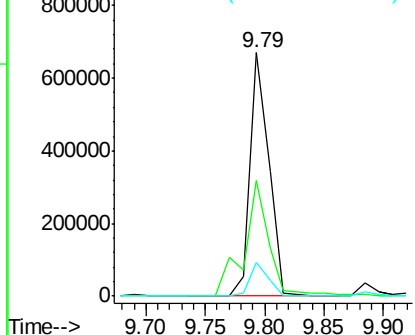


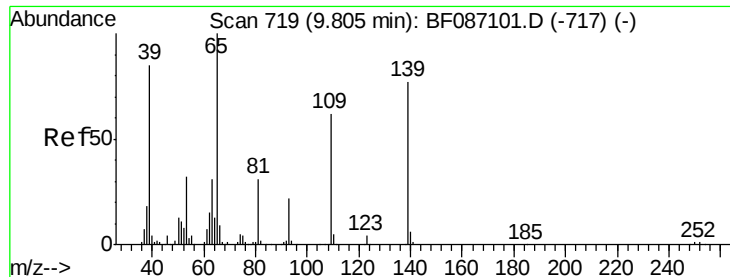
#54
 Dibenzofuran
 Concen: 37.81 ng
 RT: 9.79 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Tgt Ion:168 Resp: 743164
 Ion Ratio Lower Upper
 168 100
 139 47.6 31.4 47.0#
 169 13.8 10.7 16.1



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





#55

4-Nitrophenol

Concen: 112.96 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.02 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Instrument :

BNA_F

ClientSampleId :

PB90736BS

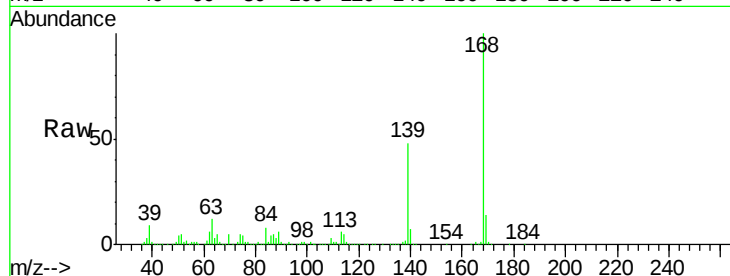
Tgt Ion:139 Resp: 483892

Ion Ratio Lower Upper

139 100

109 6.9 36.9 76.9#

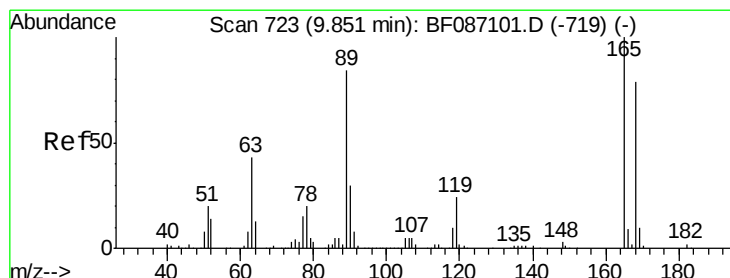
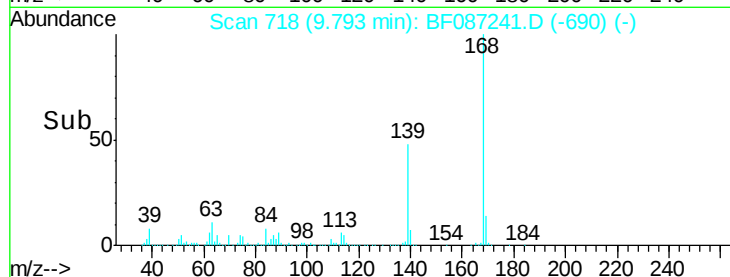
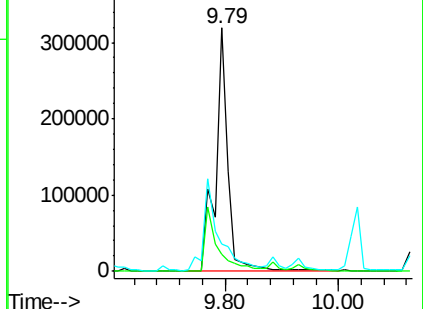
65 11.0 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 35.81 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Tgt Ion:165 Resp: 190196

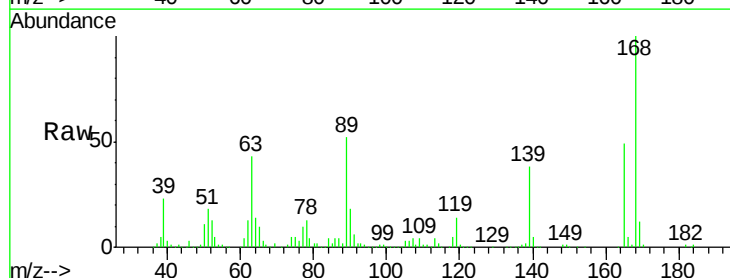
Ion Ratio Lower Upper

165 100

63 86.3 44.3 66.5#

89 105.1 70.0 105.0#

182 2.3 1.8 2.6

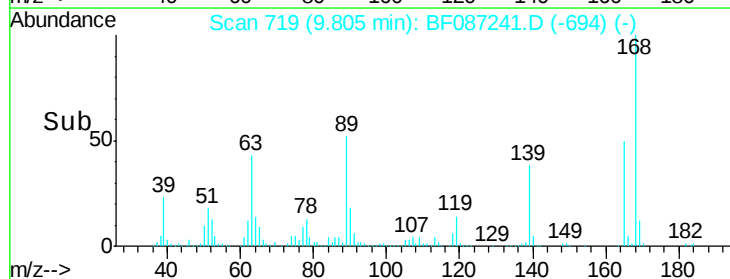
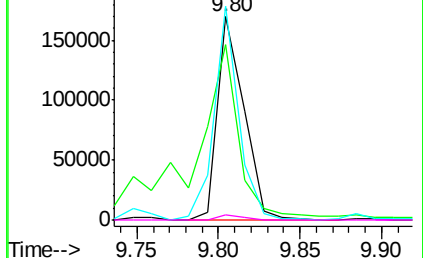


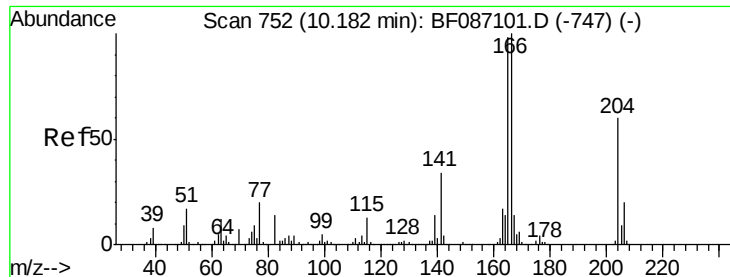
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.37 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Instrument :

BNA_F

ClientSampleId :

PB90736BS

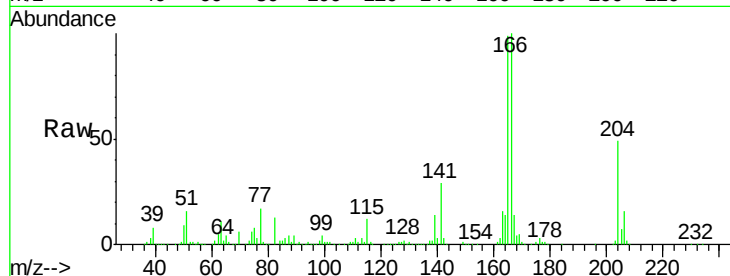
Tgt Ion:166 Resp: 590283

Ion Ratio Lower Upper

166 100

165 99.4 79.0 118.6

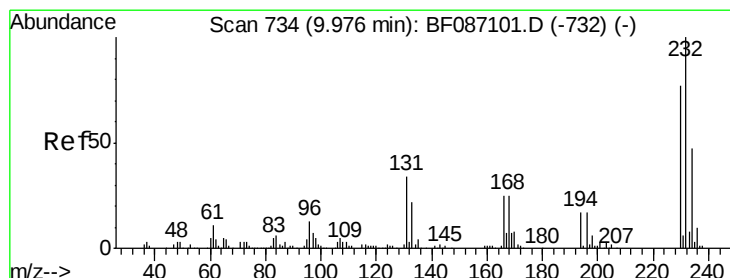
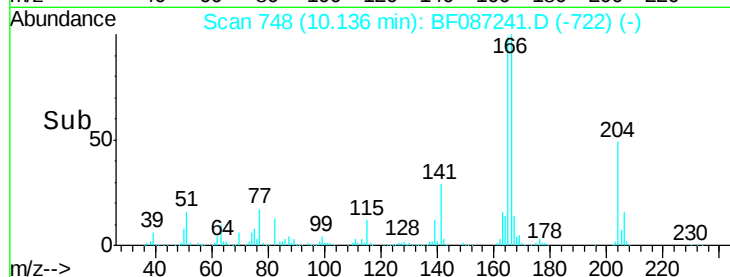
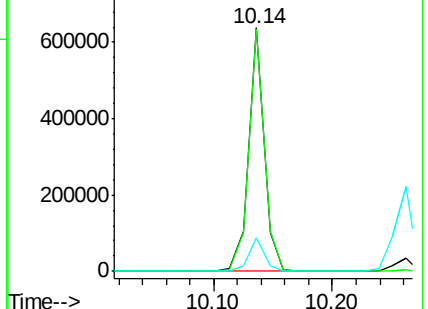
167 13.7 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.67 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Tgt Ion:232 Resp: 159856

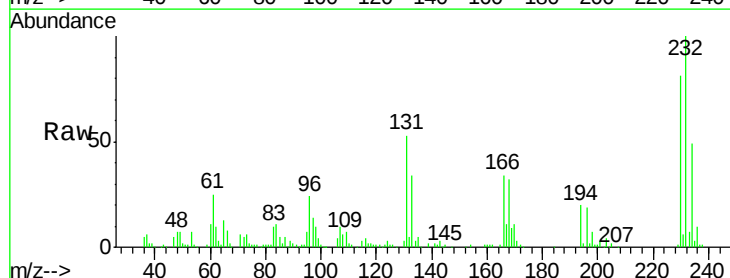
Ion Ratio Lower Upper

232 100

131 50.1 41.9 62.9

130 2.8 2.2 3.4

166 30.5 26.8 40.2

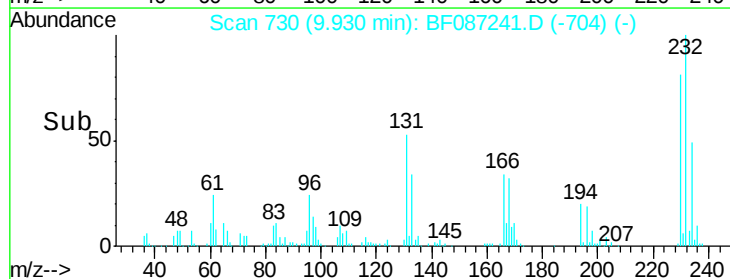
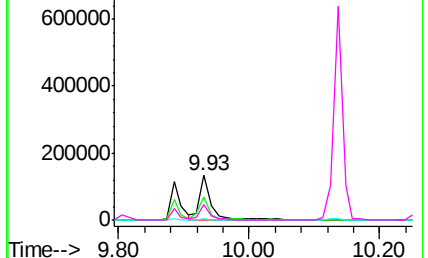


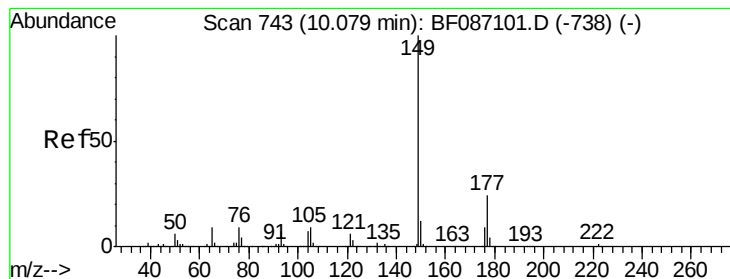
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.19 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Instrument :

BNA_F

ClientSampleId :

PB90736BS

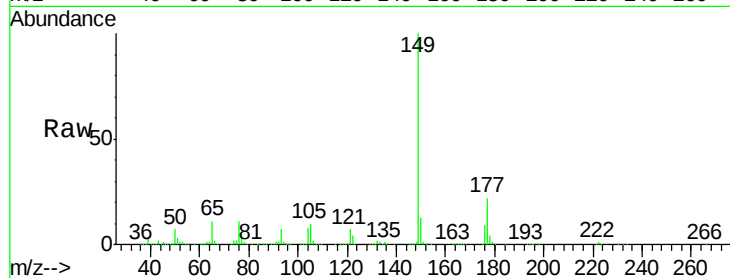
Tgt Ion:149 Resp: 750891

Ion Ratio Lower Upper

149 100

177 22.4 16.6 24.8

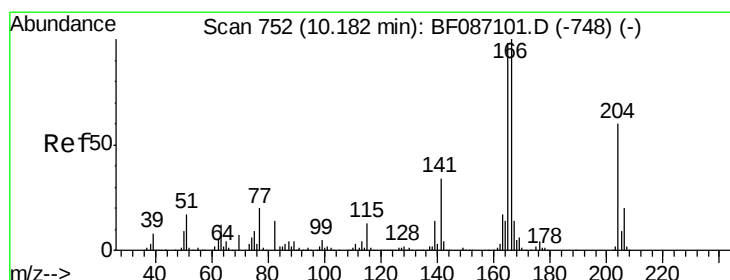
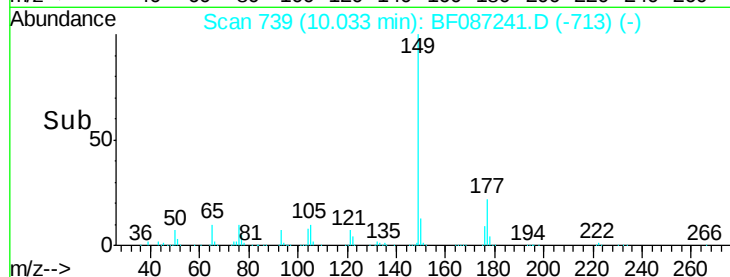
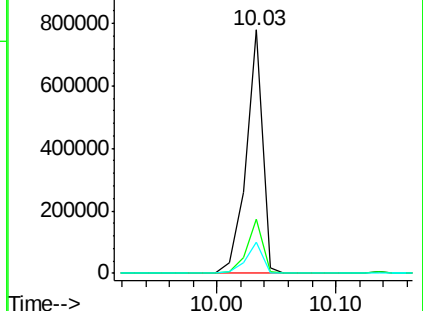
150 12.7 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.54 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

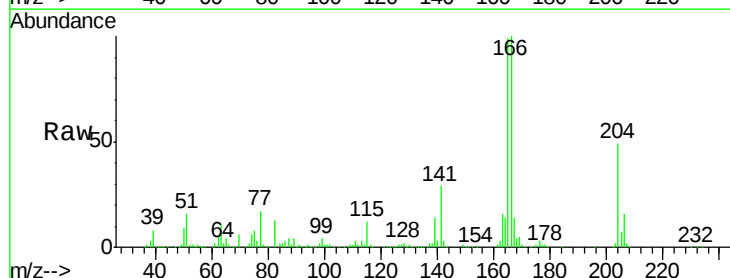
Tgt Ion:204 Resp: 303530

Ion Ratio Lower Upper

204 100

206 32.4 25.4 38.0

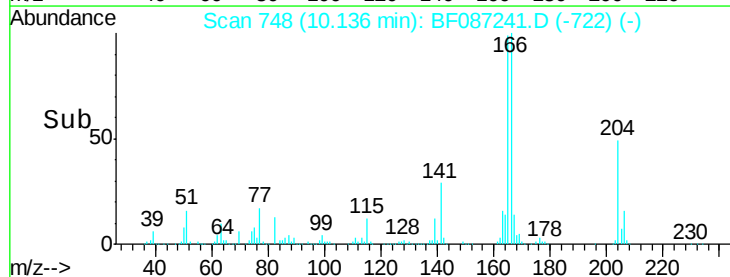
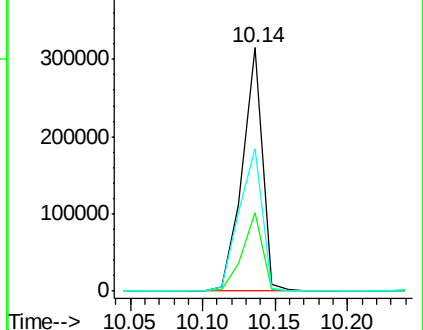
141 58.6 61.6 92.4#

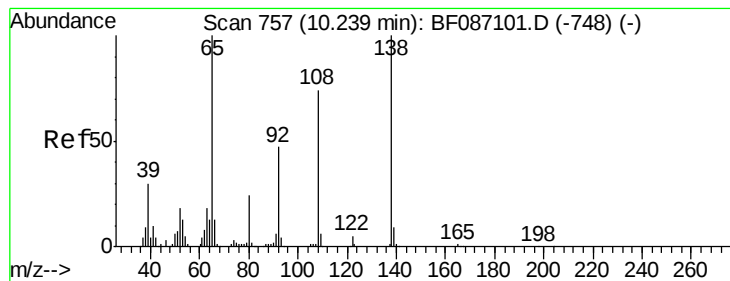


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.87 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Instrument :

BNA_F

ClientSampleId :

PB90736BS

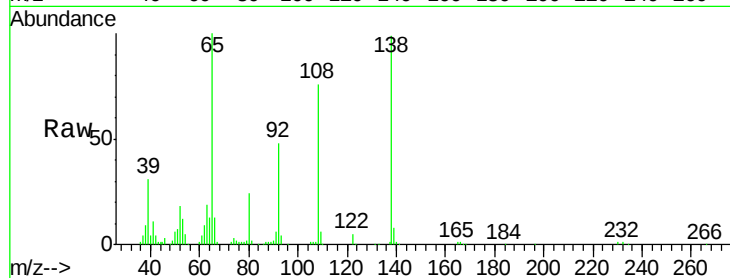
Tgt Ion:138 Resp: 150098

Ion Ratio Lower Upper

138 100

92 48.2 24.7 64.7

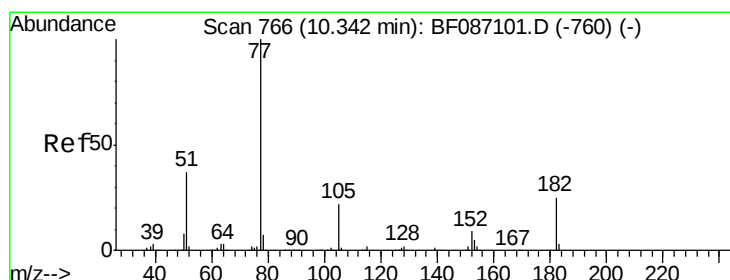
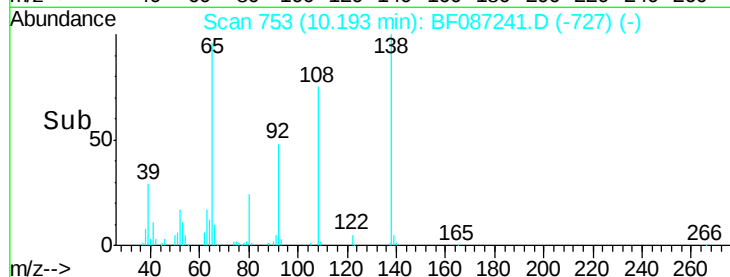
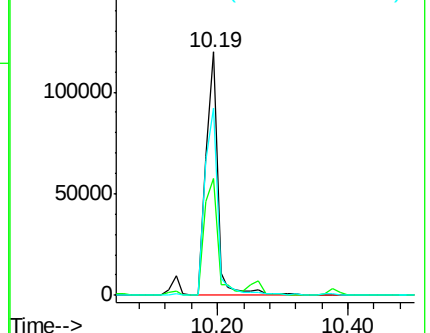
108 76.7 37.4 77.4



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: 40.64 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Tgt Ion: 77 Resp: 853669

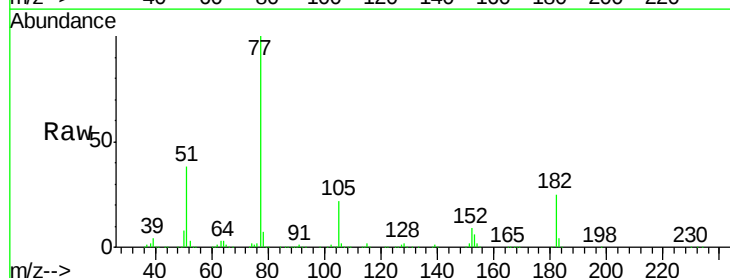
Ion Ratio Lower Upper

77 100

182 25.4 0.0 38.8

105 22.1 3.2 43.2

51 38.3 8.8 48.8

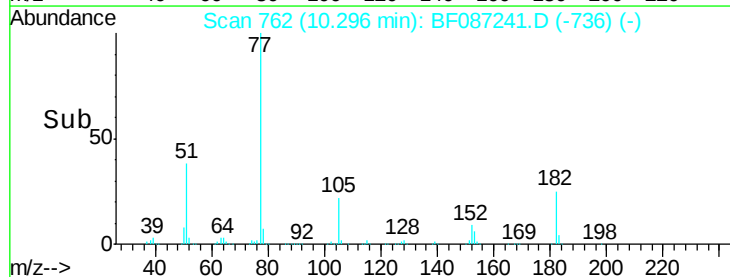
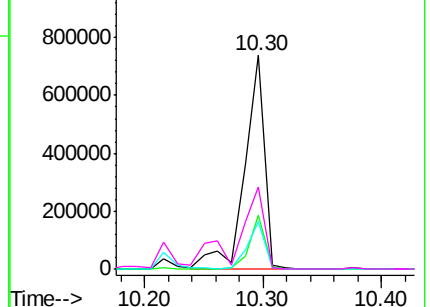


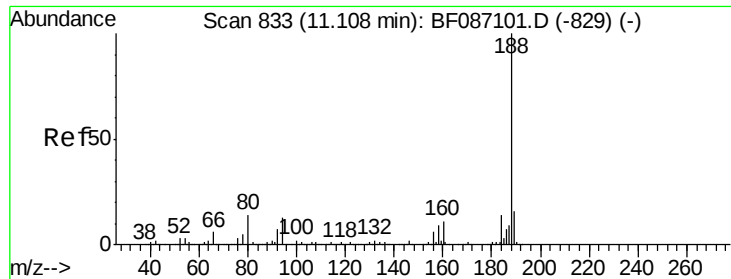
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

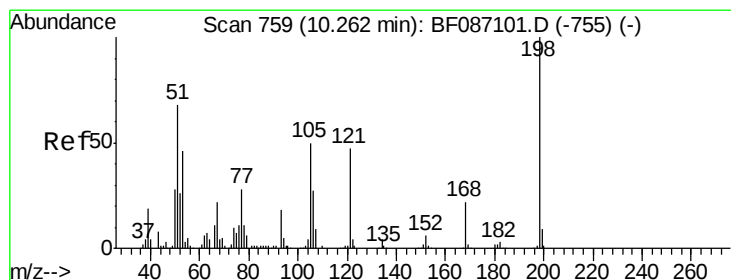
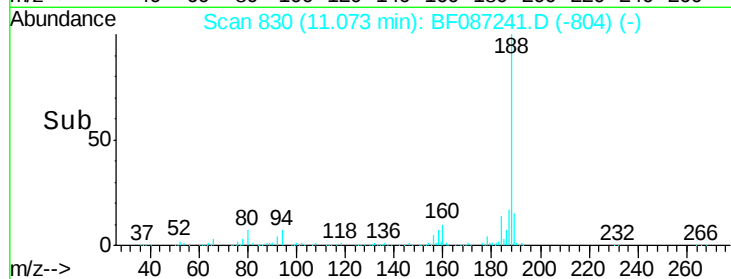
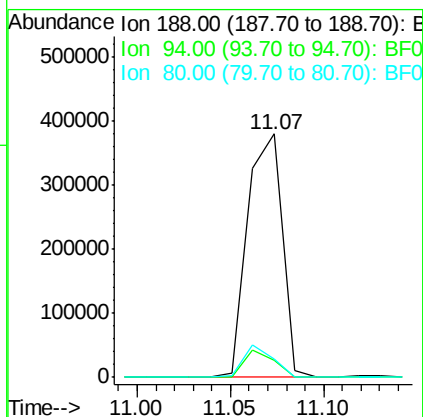
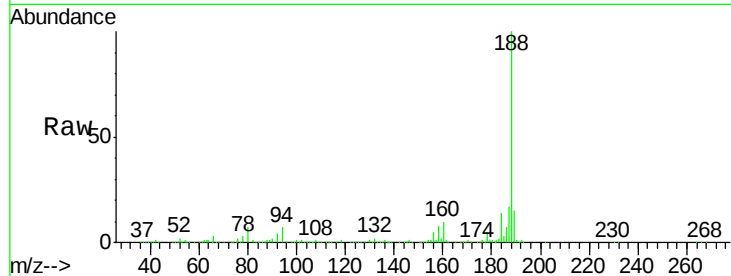




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF087241.D
Acq: 20 May 2016 23:22

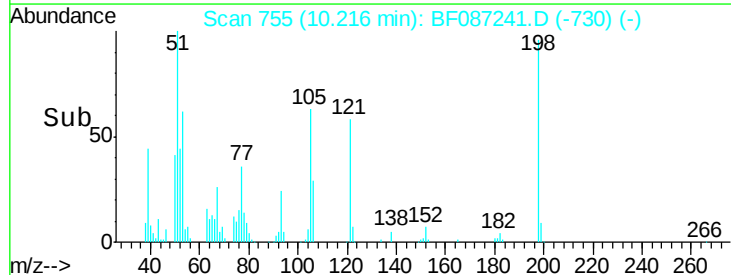
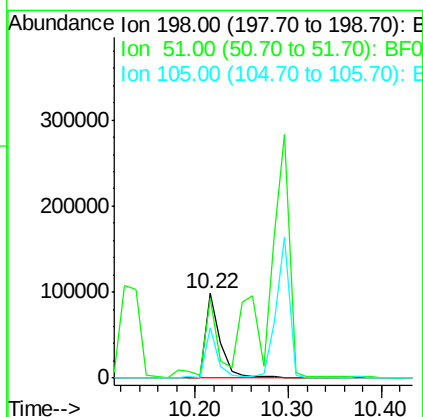
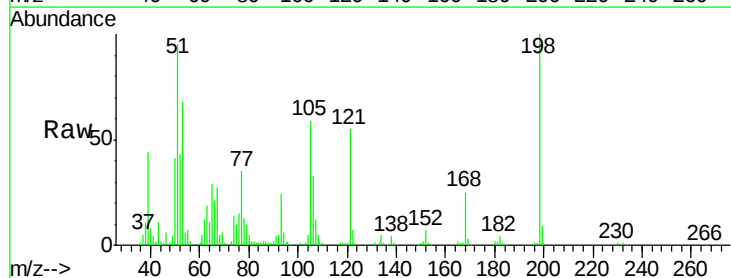
Instrument :
BNA_F
ClientSampleId :
PB90736BS

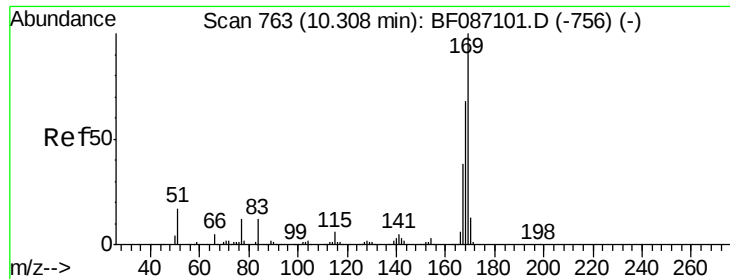
Tgt Ion:188 Resp: 496402
Ion Ratio Lower Upper
188 100
94 7.0 6.8 10.2
80 7.3 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 33.85 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF087241.D
Acq: 20 May 2016 23:22

Tgt Ion:198 Resp: 110679
Ion Ratio Lower Upper
198 100
51 94.8 20.5 60.5#
105 58.9 24.5 64.5

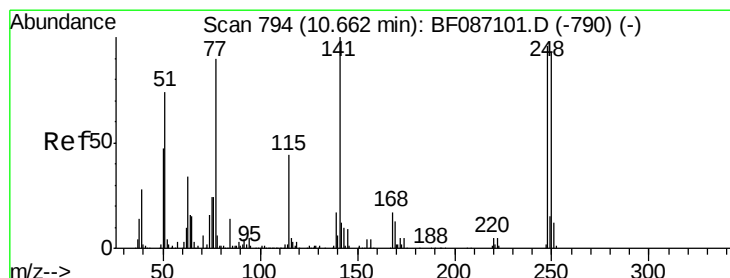
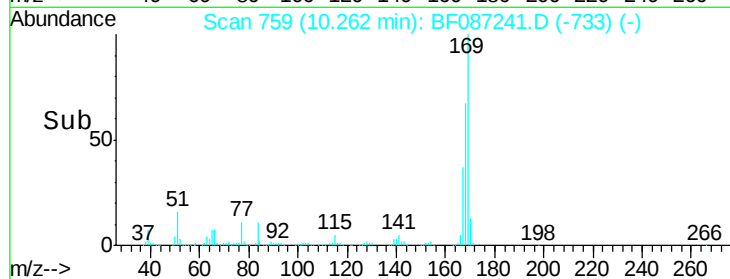
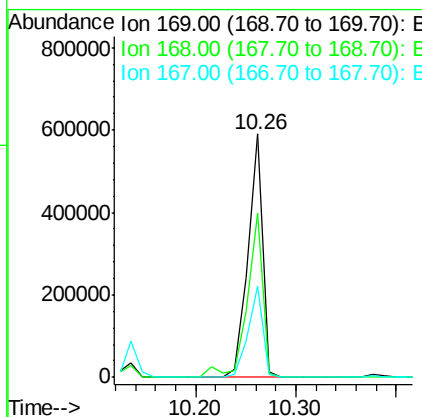
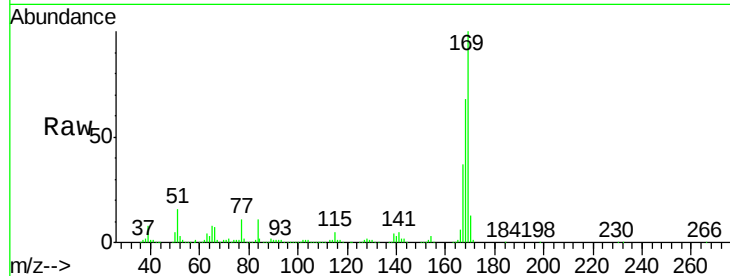




#65
 n-Nitrosodiphenylamine
 Concen: 38.38 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

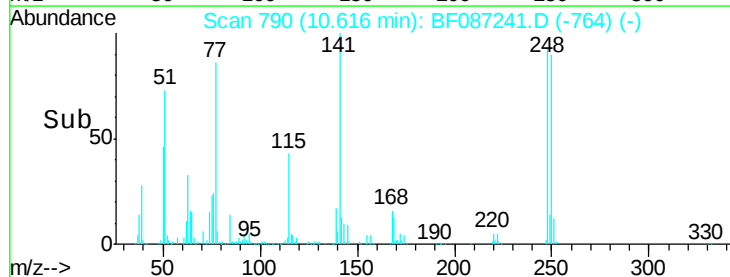
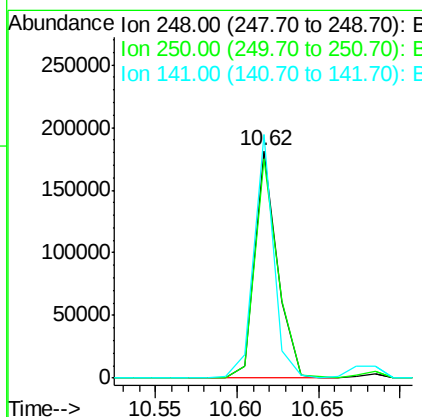
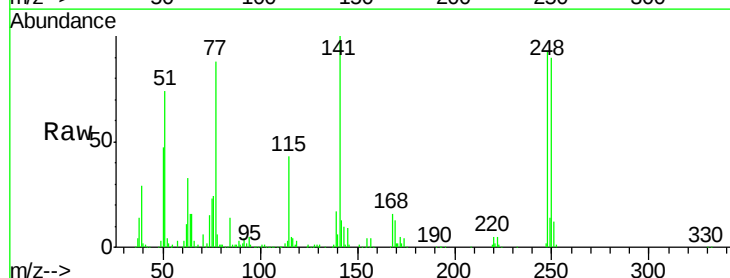
Instrument :
 BNA_F
 ClientSampleId :
 PB90736BS

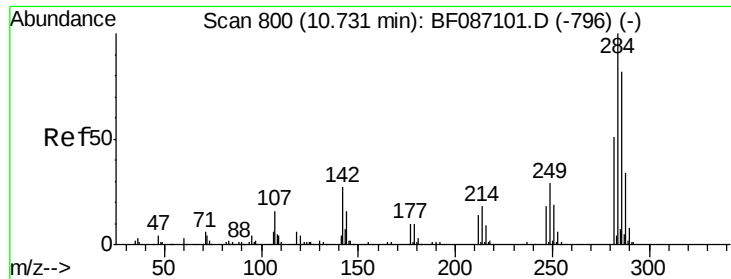
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.8	80.6
167	37.5	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 34.47 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.6	117.8
141	107.1	76.0	114.0

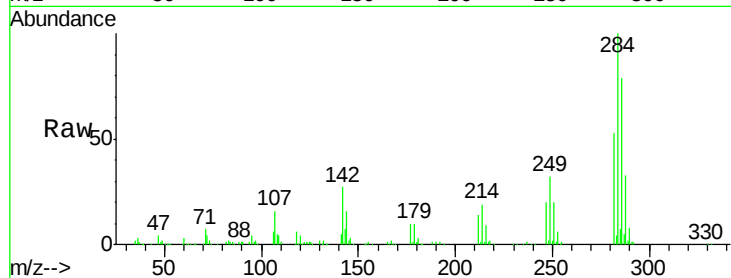




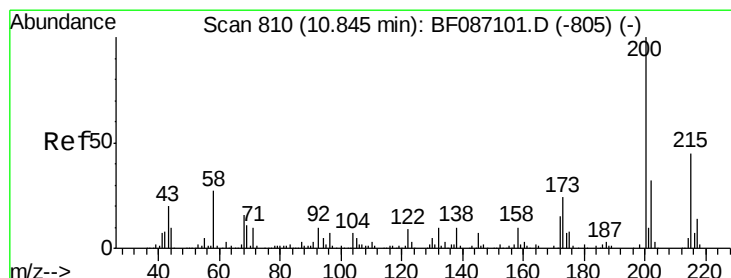
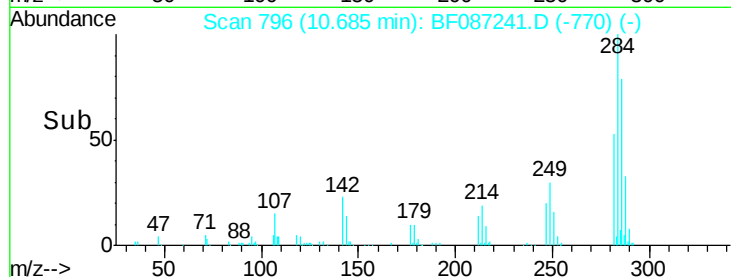
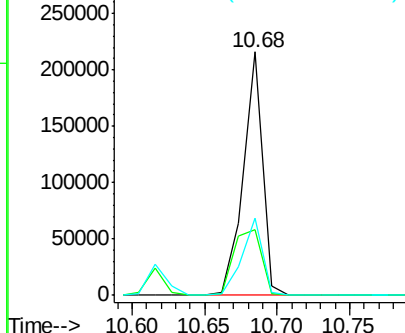
#67
Hexachlorobenzene
Concen: 33.80 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF087241.D
Acq: 20 May 2016 23:22

Instrument :
BNA_F
ClientSampleId :
PB90736BS

Tgt Ion:284 Resp: 200040
Ion Ratio Lower Upper
284 100
142 27.2 16.7 25.1#
249 32.0 21.3 31.9#

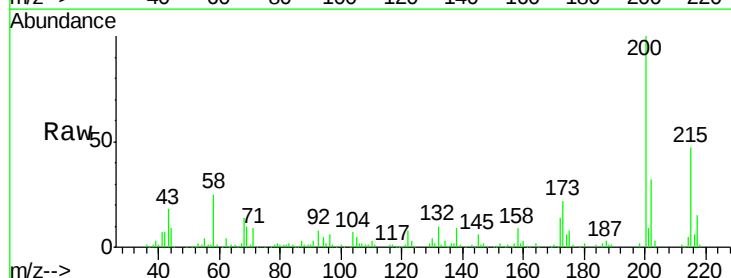


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

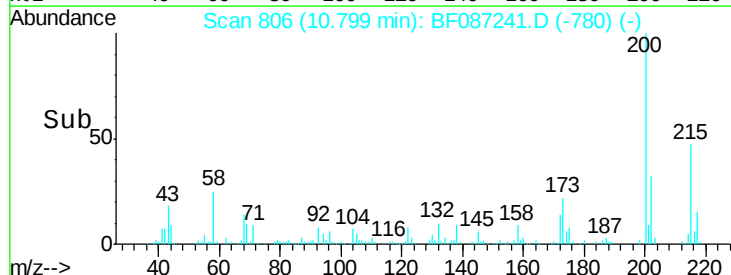
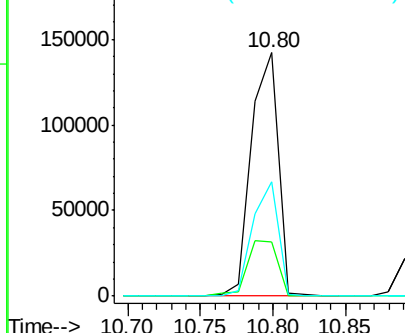


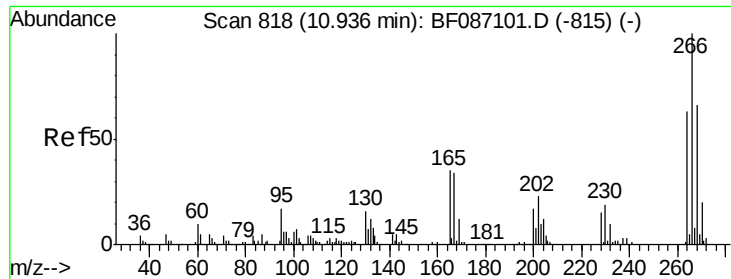
#68
Atrazine
Concen: 35.81 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF087241.D
Acq: 20 May 2016 23:22

Tgt Ion:200 Resp: 182487
Ion Ratio Lower Upper
200 100
173 22.4 8.5 48.5
215 46.7 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

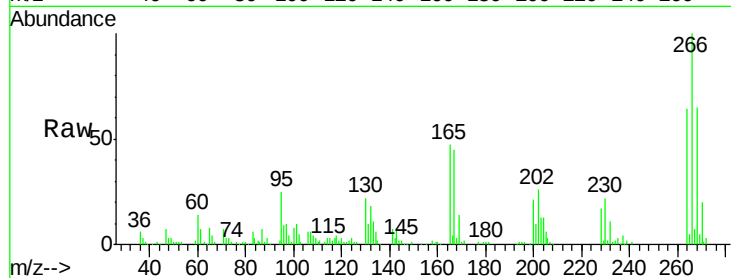




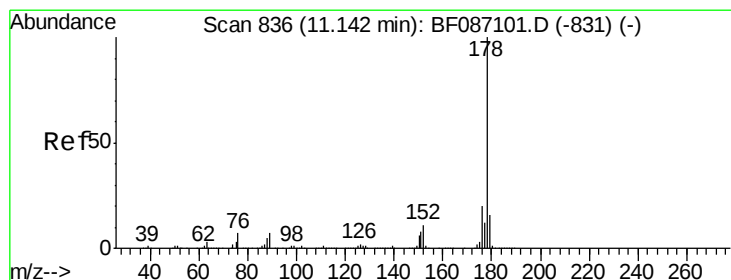
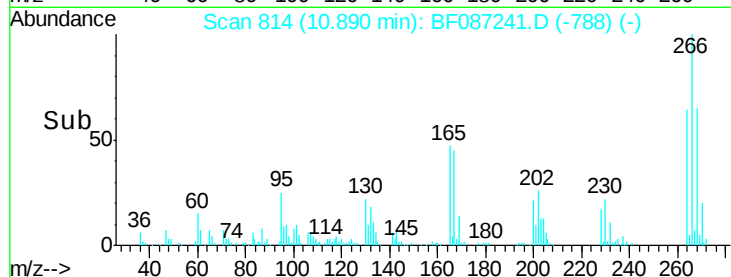
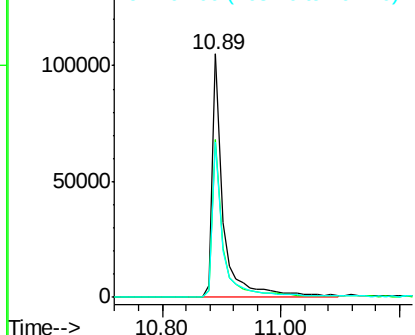
#69
 Pentachlorophenol
 Concen: 61.41 ng
 RT: 10.89 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB90736BS

Tgt Ion:266 Resp: 136540
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.5 77.3
 264 63.6 52.9 79.3

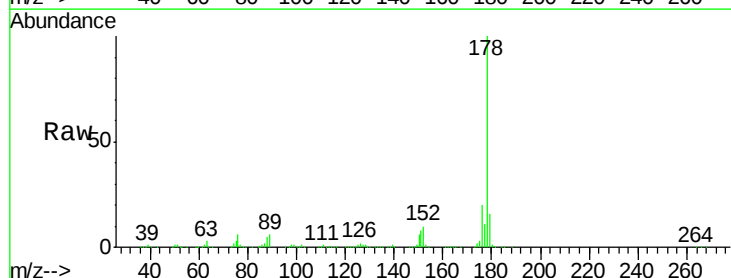


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

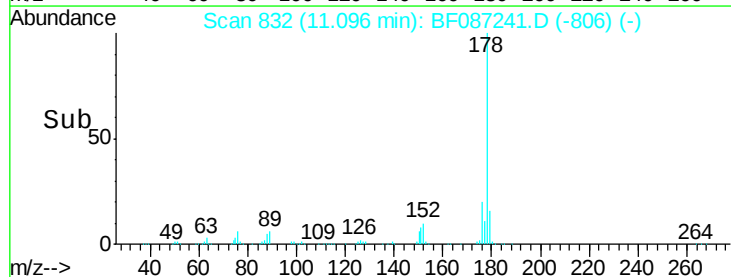
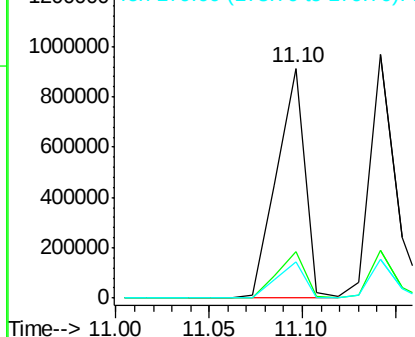


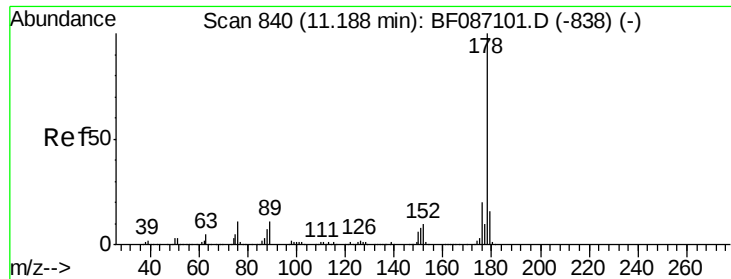
#70
 Phenanthrene
 Concen: 35.76 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Tgt Ion:178 Resp: 962896
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 15.7 12.6 18.8



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

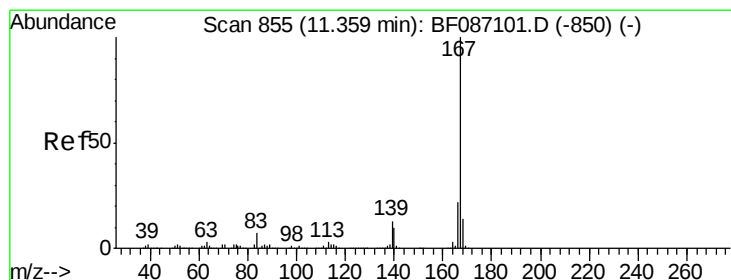
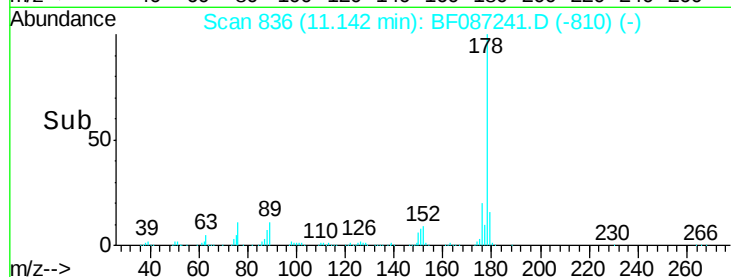
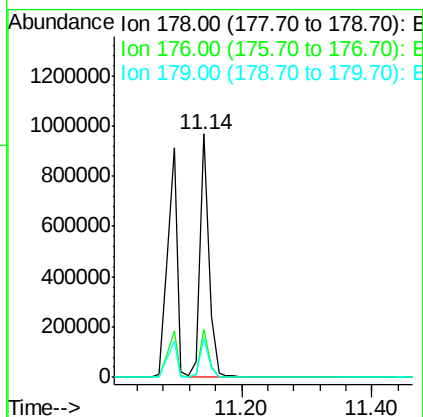
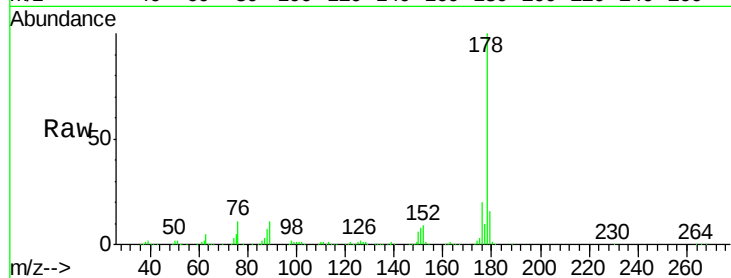




#71
 Anthracene
 Concen: 32.97 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

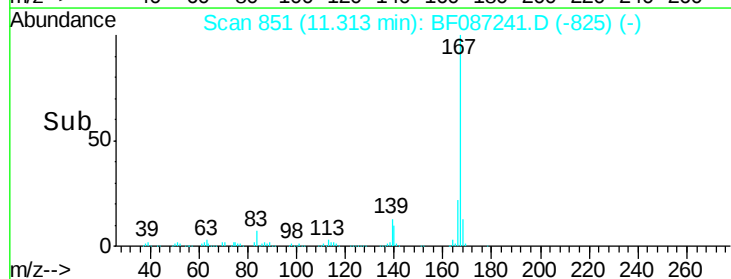
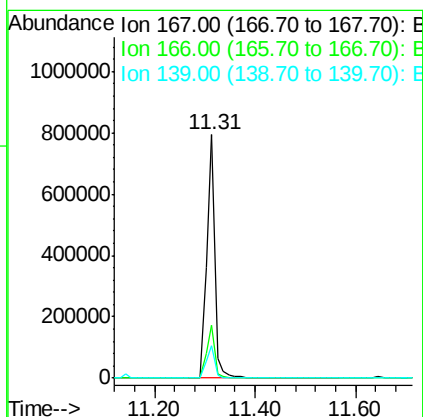
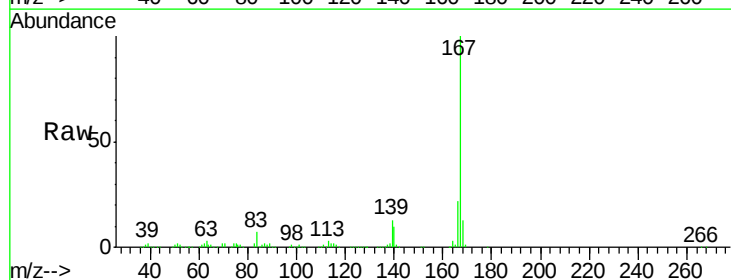
Instrument :
 BNA_F
 ClientSampleId :
 PB90736BS

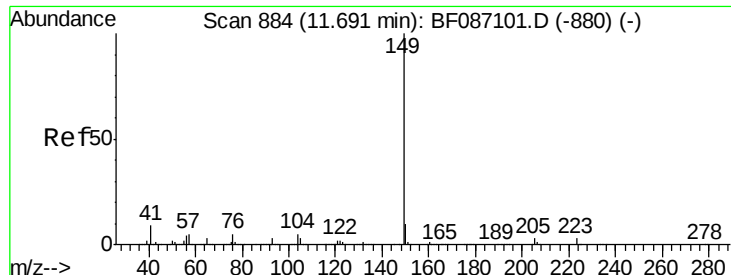
Tgt Ion:178 Resp: 897728
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 16.1 12.7 19.1



#72
 Carbazole
 Concen: 35.13 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Tgt Ion:167 Resp: 873753
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 13.1 10.8 16.2





#73

Di-n-butylphthalate

Concen: 40.49 ng

RT: 11.64 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Instrument :

BNA_F

ClientSampleId :

PB90736BS

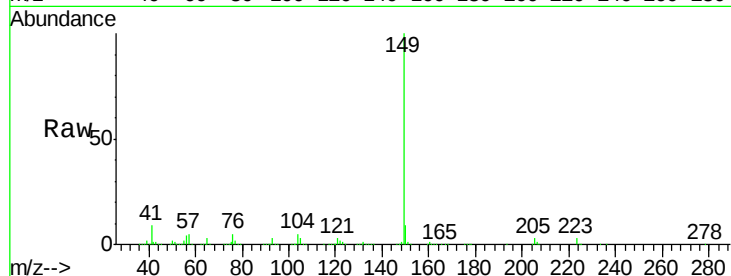
Tgt Ion:149 Resp: 1156976

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

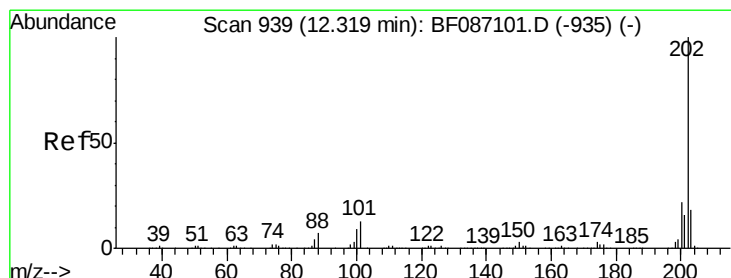
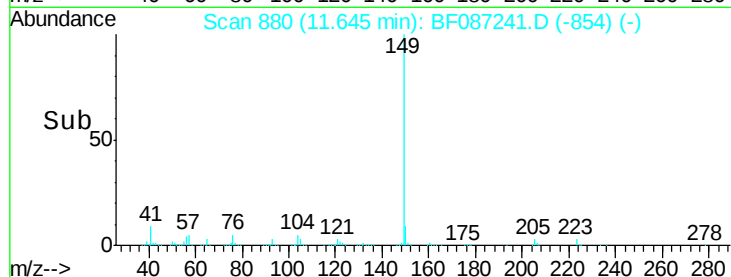
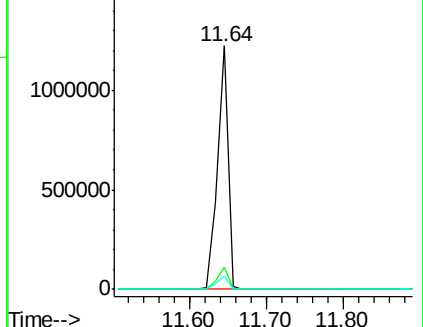
104 5.2 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.22 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

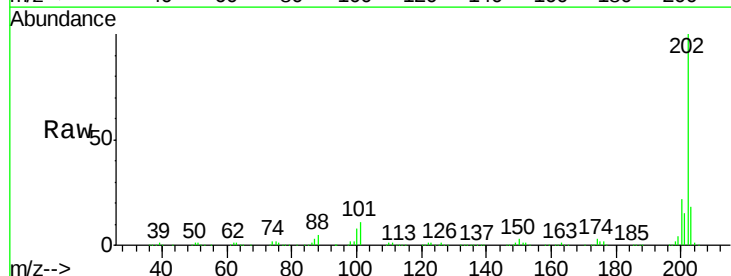
Tgt Ion:202 Resp: 949995

Ion Ratio Lower Upper

202 100

101 10.8 0.0 35.4

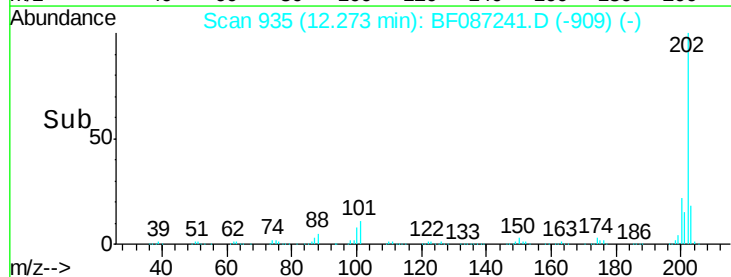
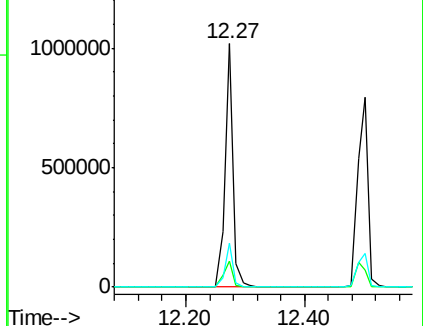
203 18.0 0.0 38.1

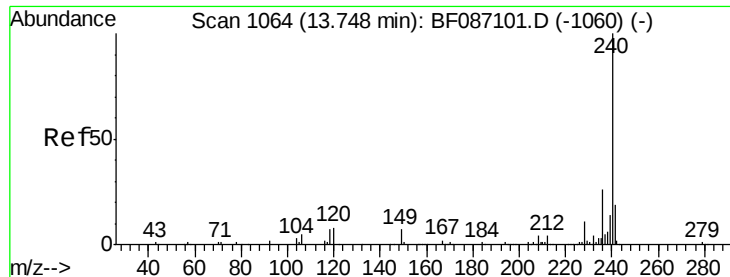


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Instrument :

BNA_F

ClientSampleId :

PB90736BS

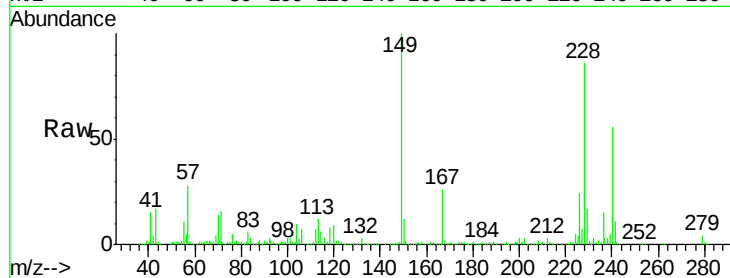
Tgt Ion:240 Resp: 343086

Ion Ratio Lower Upper

240 100

120 16.1 11.2 16.8

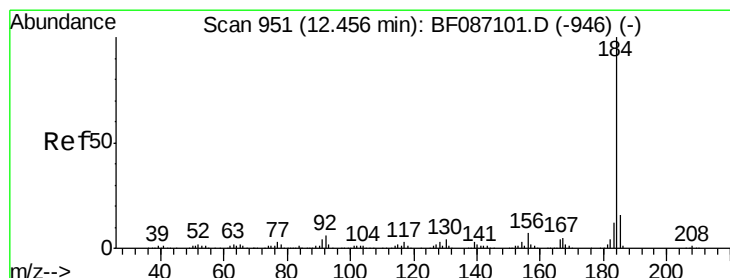
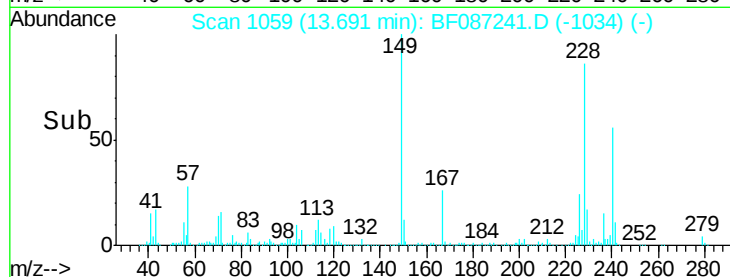
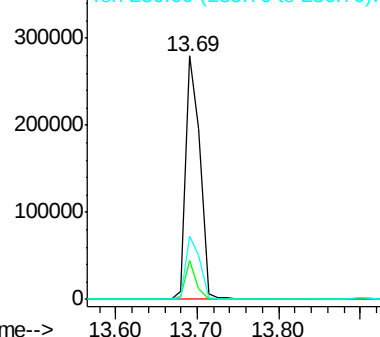
236 26.0 21.2 31.8



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: 23.04 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

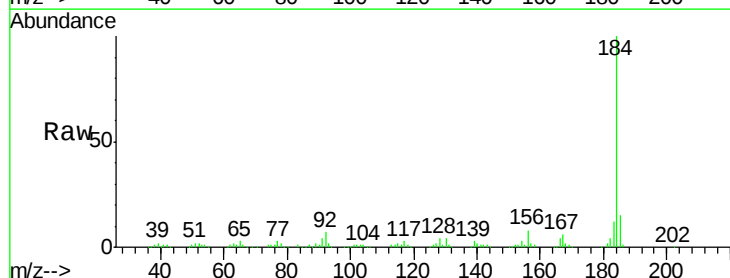
Tgt Ion:184 Resp: 252626

Ion Ratio Lower Upper

184 100

185 14.6 13.6 20.4

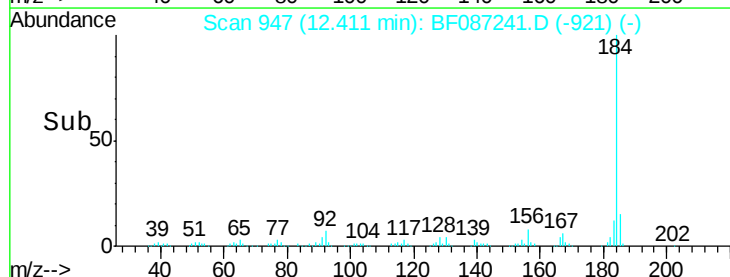
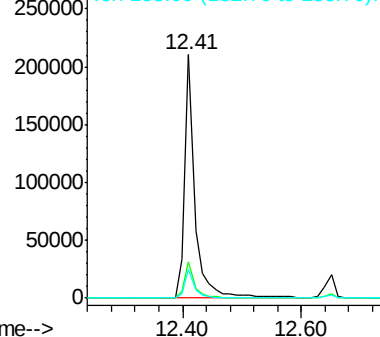
183 11.9 9.8 14.6

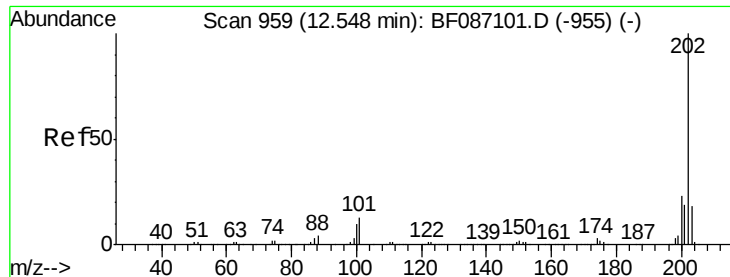


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

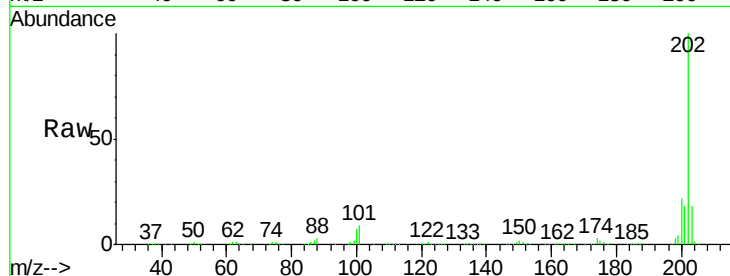




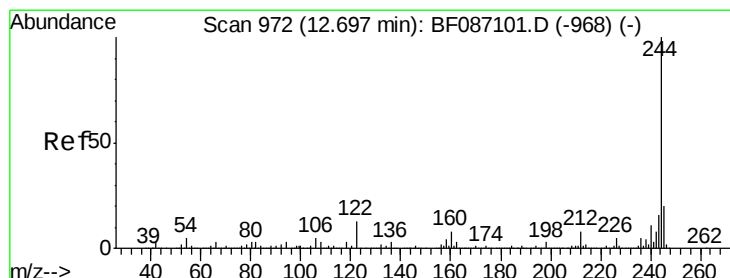
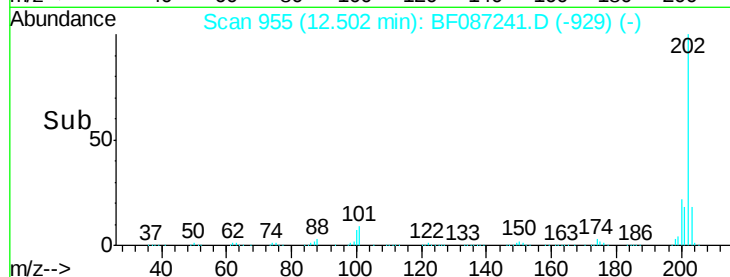
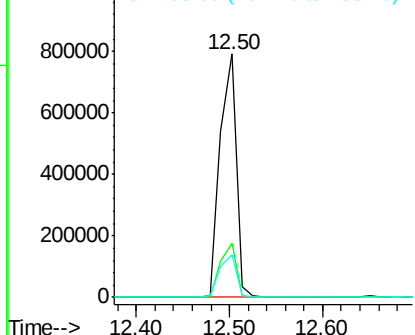
#77
 Pyrene
 Concen: 38.48 ng
 RT: 12.50 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB90736BS

Tgt Ion: 202 Resp: 953641
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.7 26.5
 203 17.6 14.2 21.4

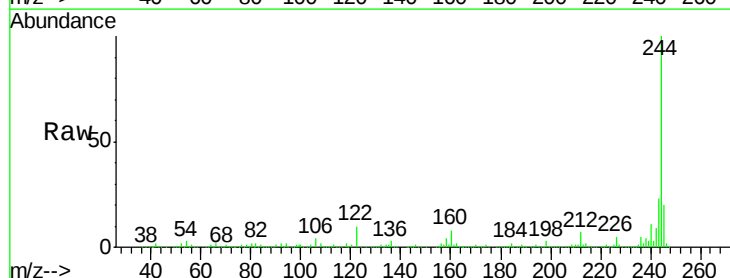


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

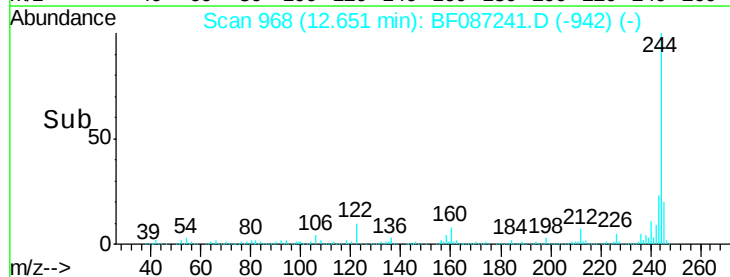
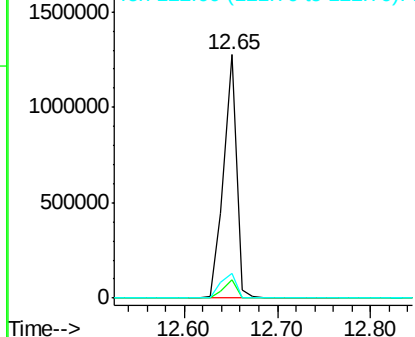


#78
 Terphenyl-d14
 Concen: 80.62 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Tgt Ion: 244 Resp: 1222766
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 10.4 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

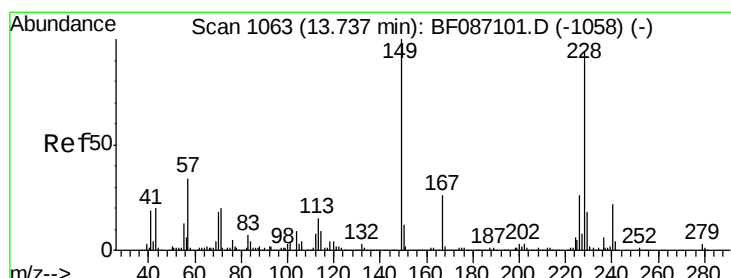
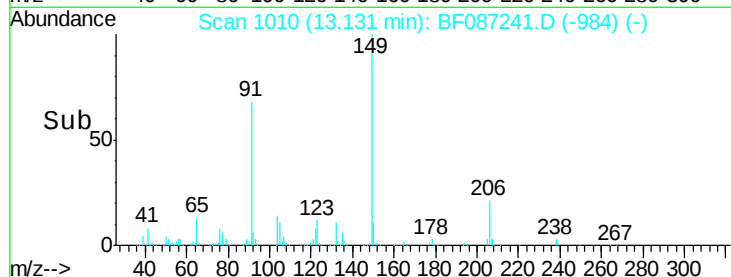
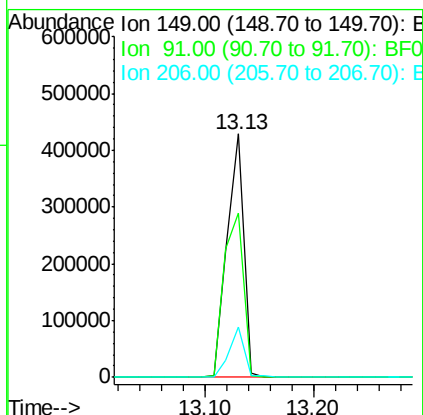
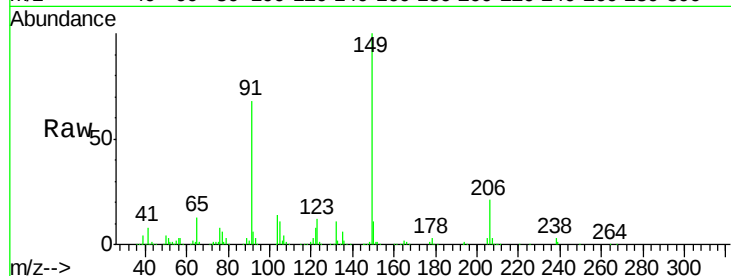




#79
Butylbenzylphthalate
Concen: 43.57 ng
RT: 13.13 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF087241.D
Acq: 20 May 2016 23:22

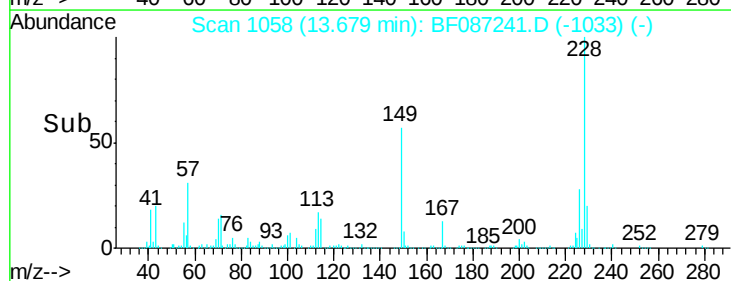
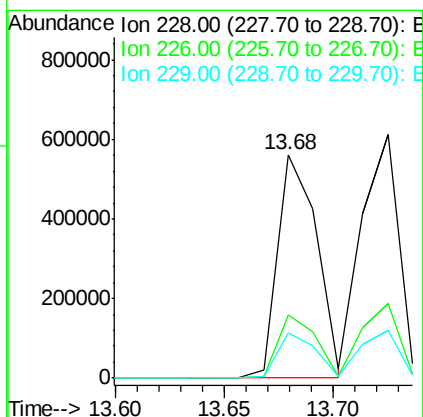
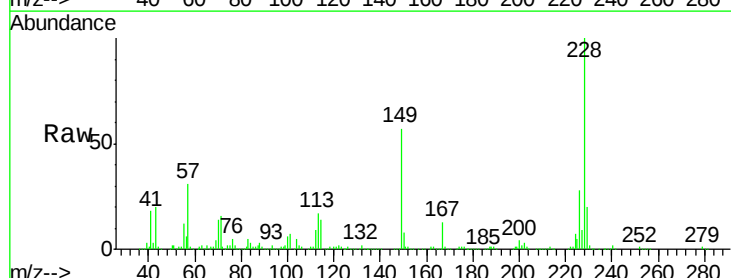
Instrument :
BNA_F
ClientSampleId :
PB90736BS

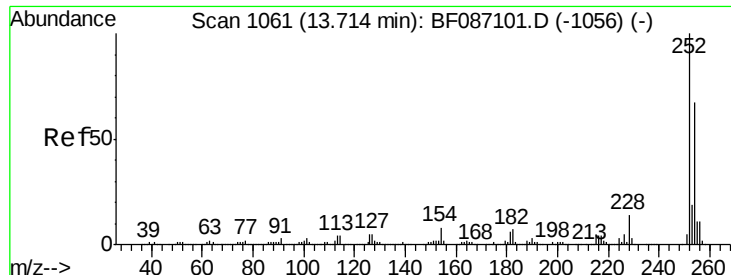
Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.6	48.0	72.0
206	20.7	15.8	23.6



#80
Benzo(a)anthracene
Concen: 35.54 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF087241.D
Acq: 20 May 2016 23:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.5	33.7
229	20.3	16.6	25.0

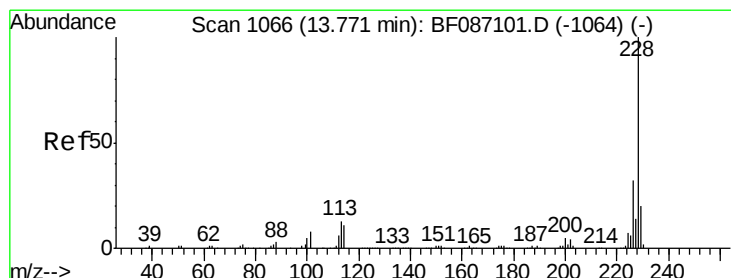
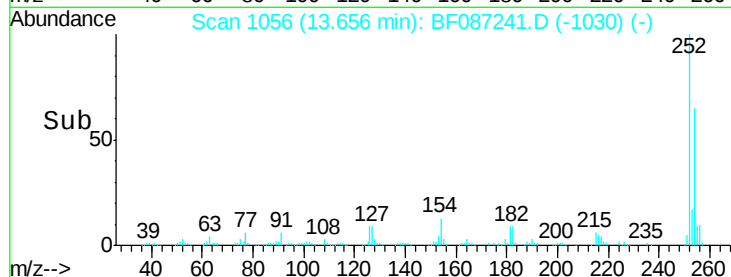
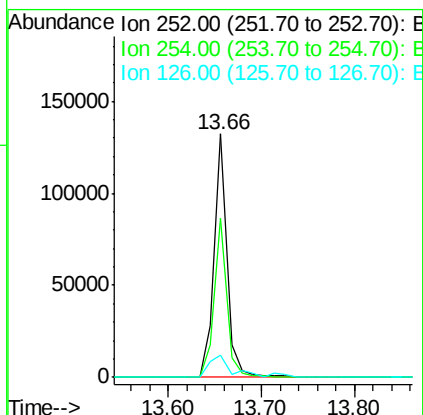
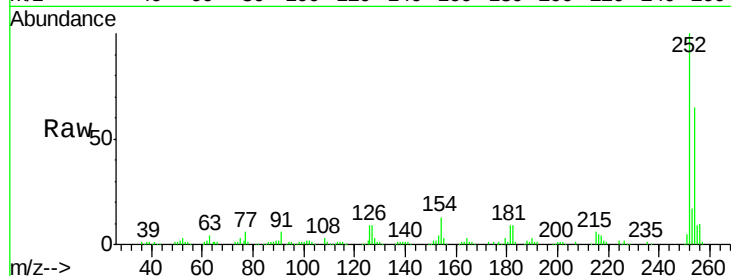




#81
 3,3'-Dichlorobenzidine
 Concen: 10.20 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

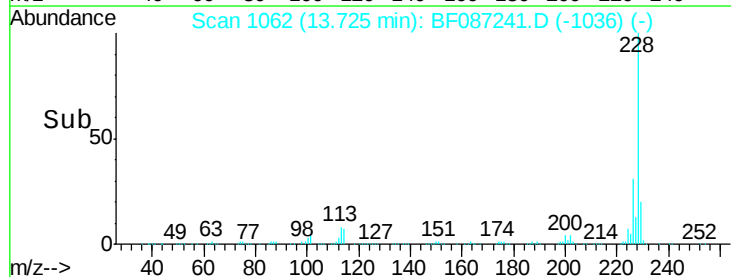
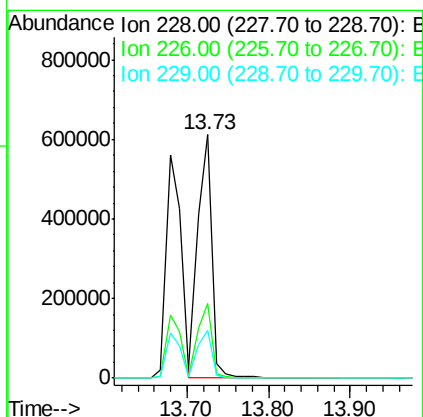
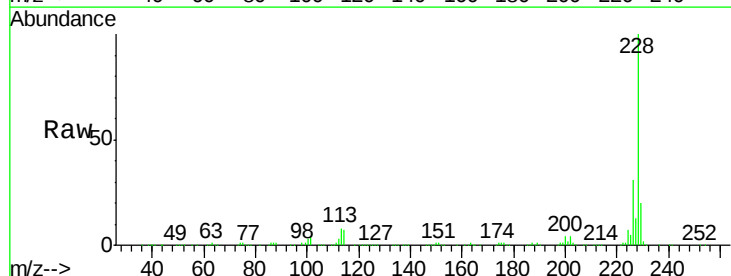
Instrument :
 BNA_F
 ClientSampleId :
 PB90736BS

Tgt Ion:252 Resp: 128783
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.7 76.1
 126 9.1 12.7 19.1#



#82
 Chrysene
 Concen: 38.75 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Tgt Ion:228 Resp: 743724
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.4 36.6
 229 19.7 15.8 23.8

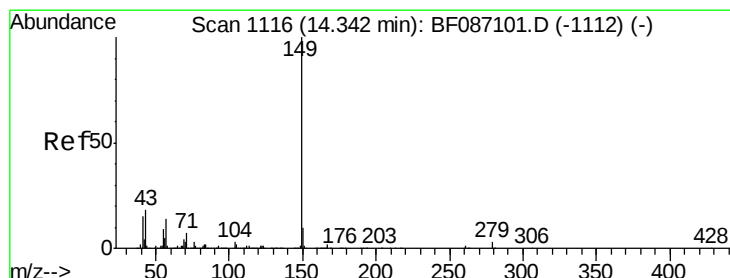
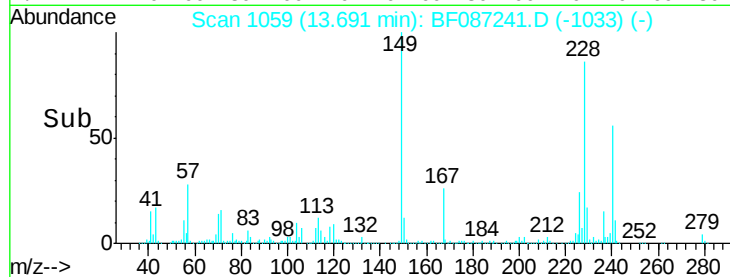
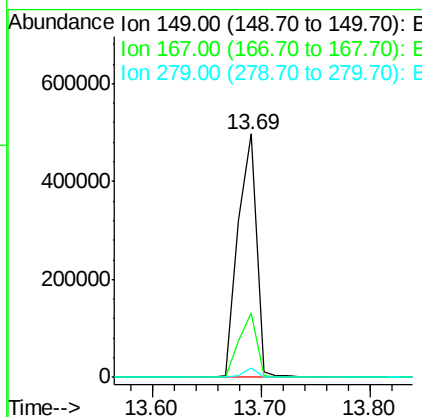
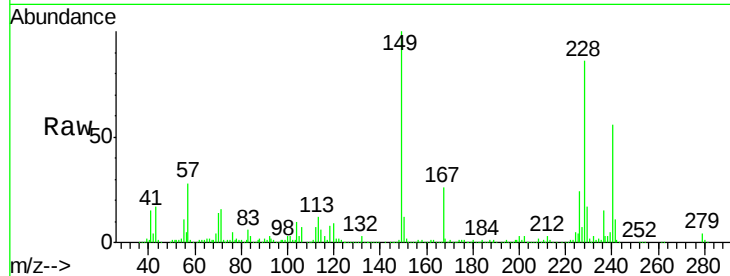




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.21 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

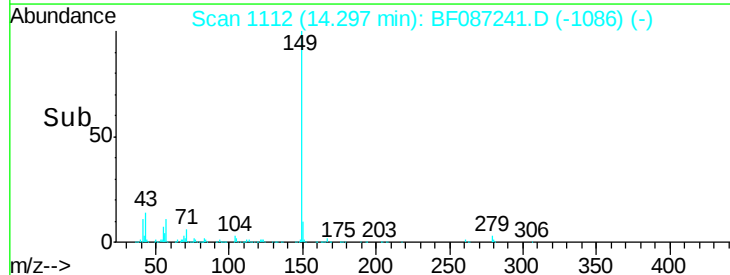
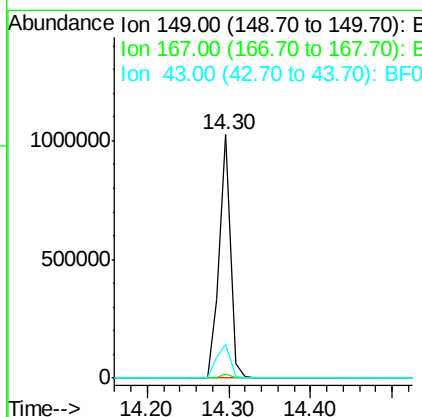
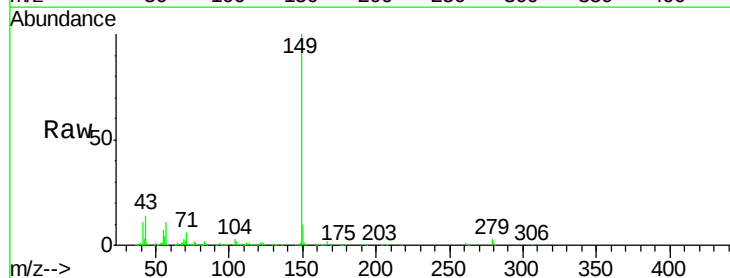
Instrument :
 BNA_F
 ClientSampleId :
 PB90736BS

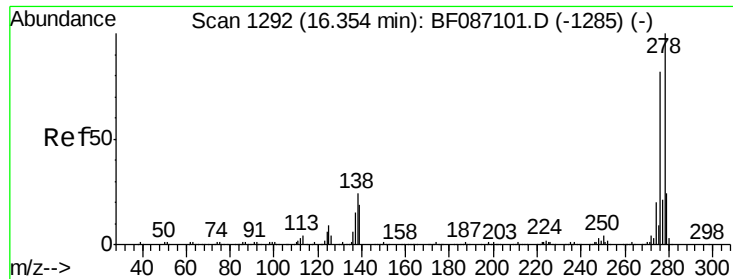
Tgt Ion:149 Resp: 575706
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.8 32.6
 279 4.1 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 44.74 ng
 RT: 14.30 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Tgt Ion:149 Resp: 981349
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 16.7 8.2 12.4#

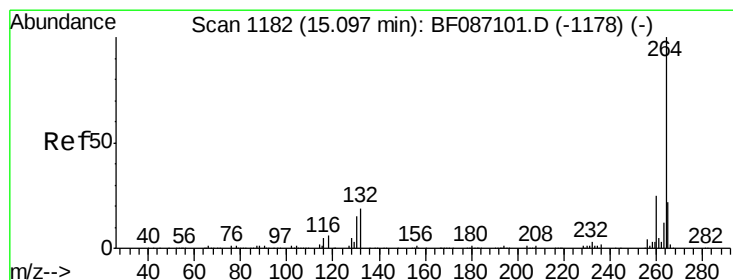
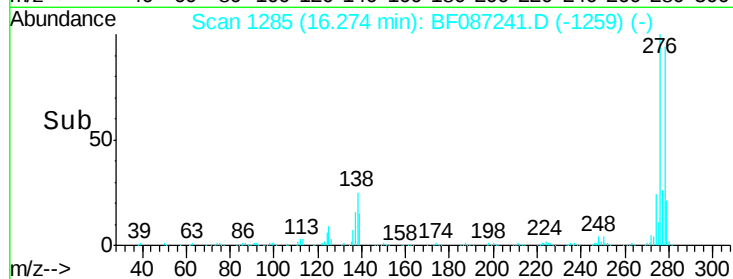
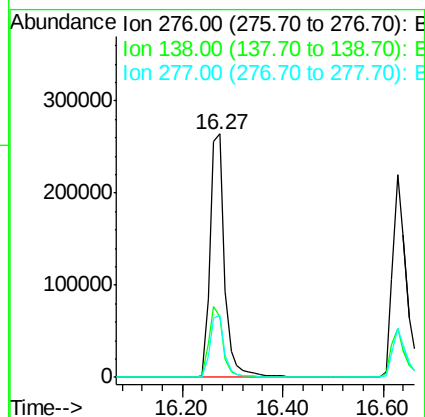
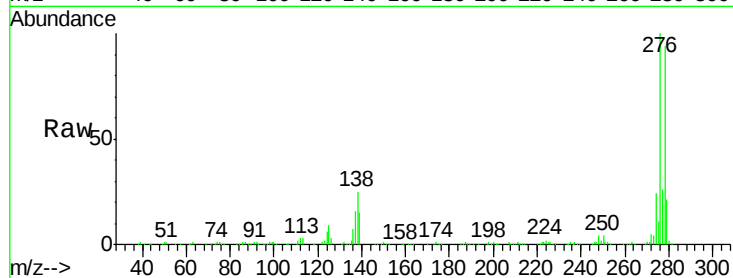




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.69 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

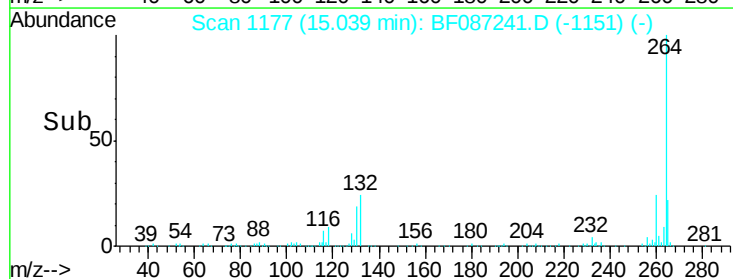
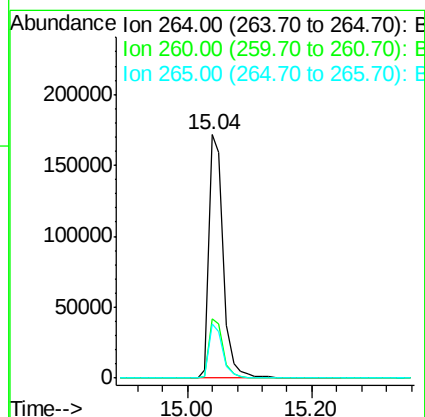
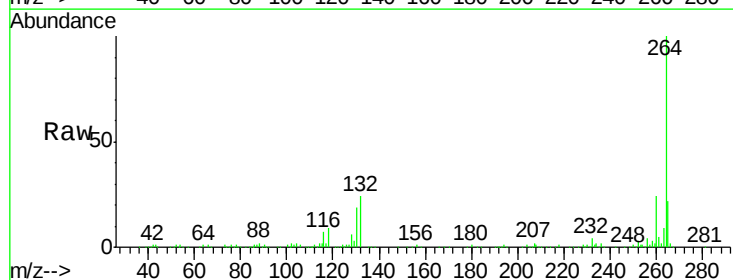
Instrument :
 BNA_F
 ClientSampleId :
 PB90736BS

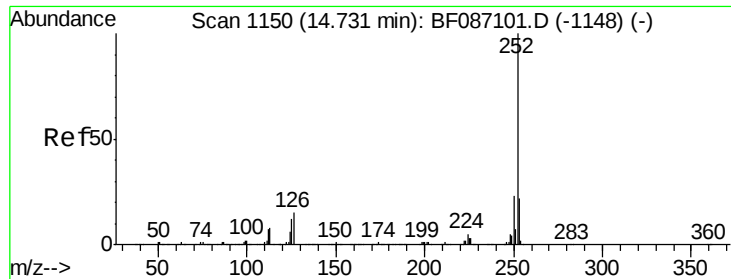
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	25.6	38.4
277	25.2	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF087241.D
 Acq: 20 May 2016 23:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 65.31 ng

RT: 14.69 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

Instrument :

BNA_F

ClientSampleId :

PB90736BS

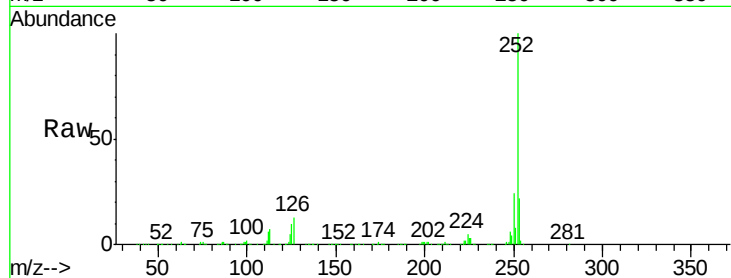
Tgt Ion:252 Resp: 1186873

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

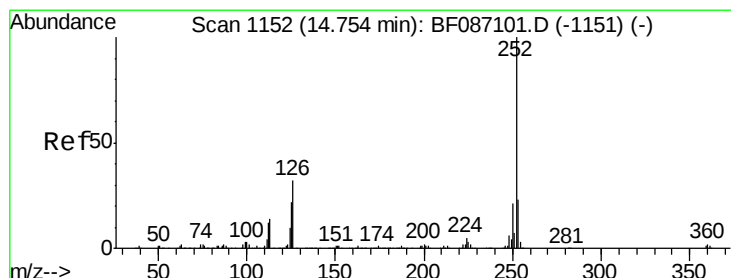
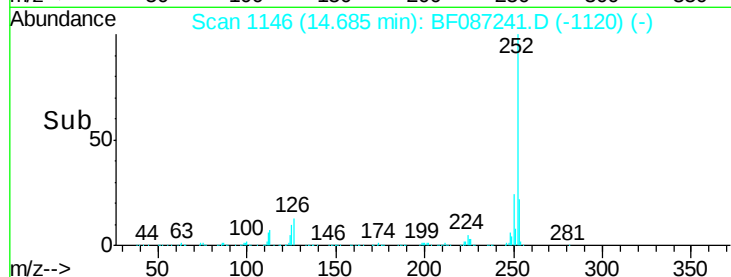
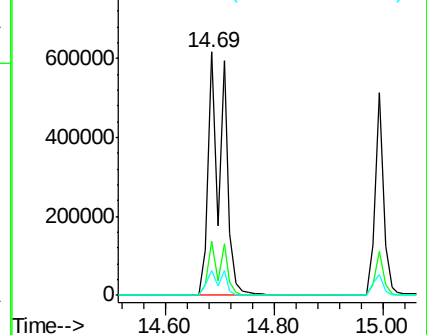
125 10.2 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 87.73 ng

RT: 14.69 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF087241.D

Acq: 20 May 2016 23:22

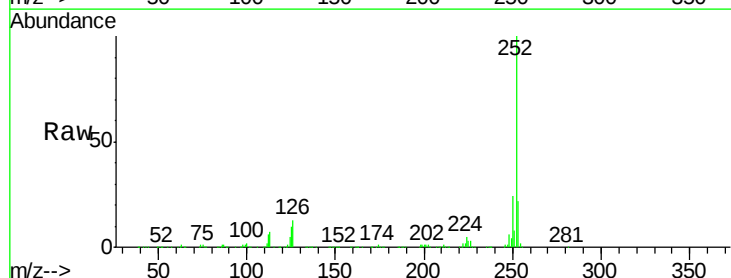
Tgt Ion:252 Resp: 1186873

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

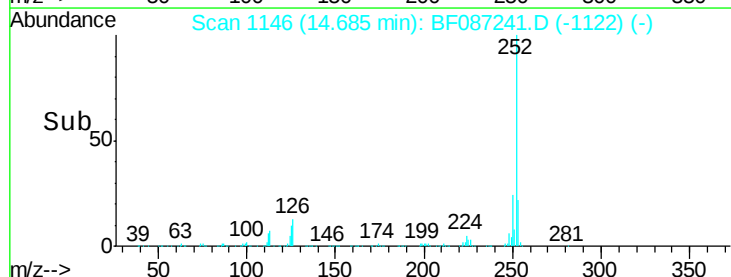
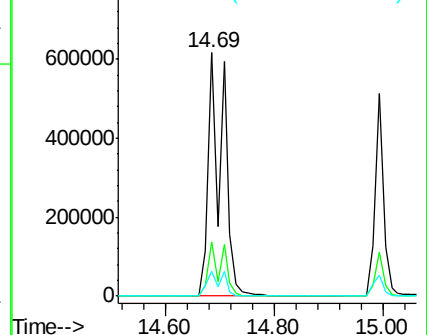
125 10.2 9.1 13.7

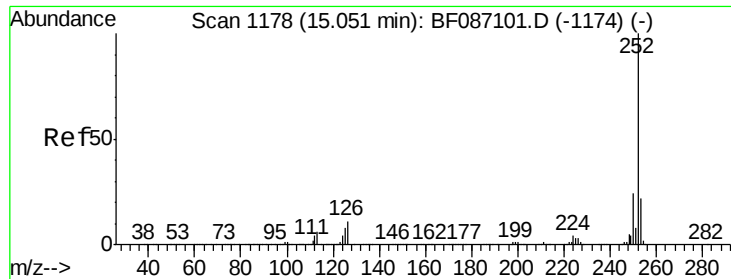


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

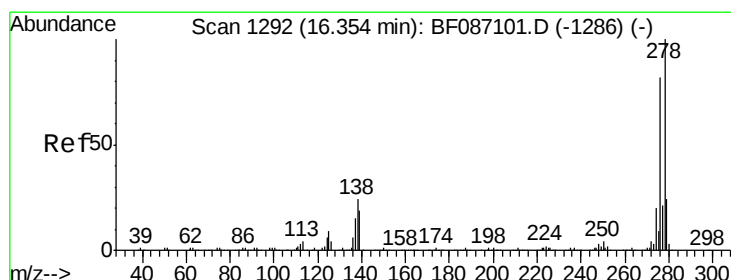
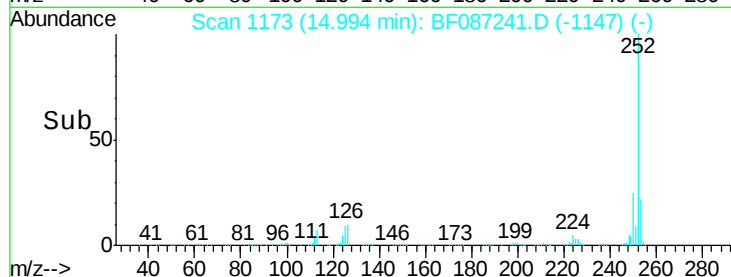
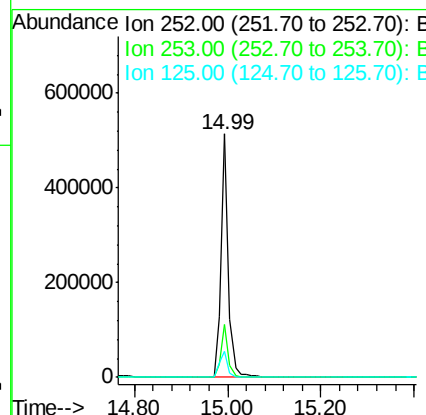
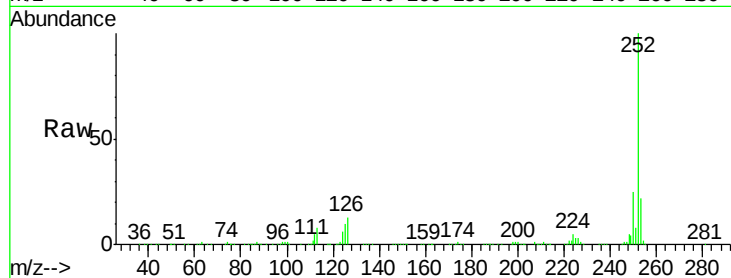




#89
Benzo(a)pyrene
Concen: 36.66 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF087241.D
Acq: 20 May 2016 23:22

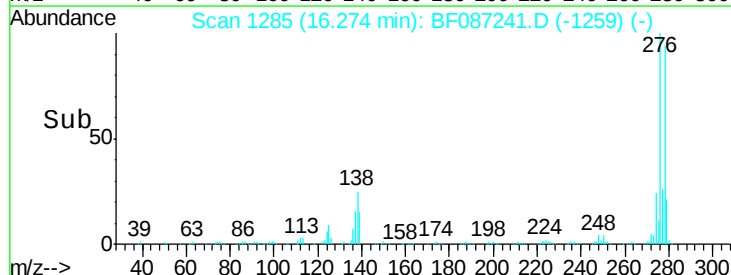
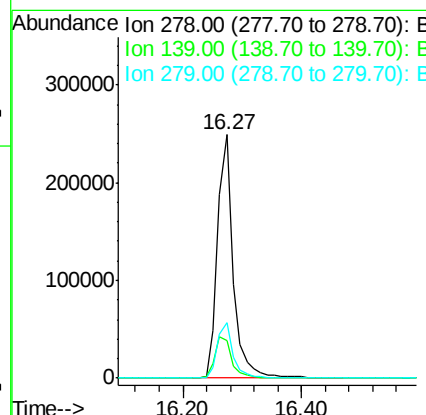
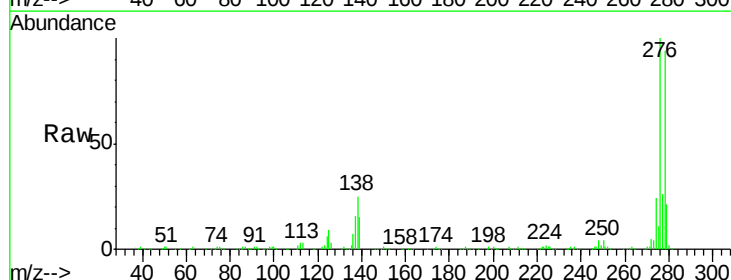
Instrument :
BNA_F
ClientSampleId :
PB90736BS

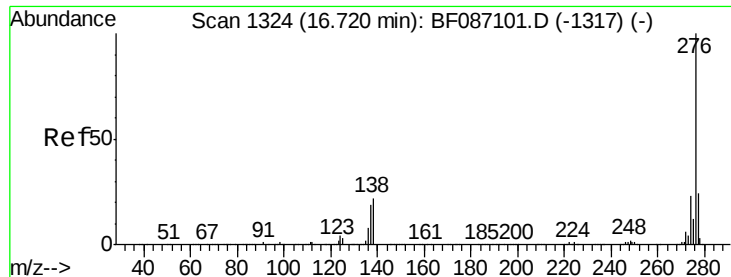
Tgt Ion: 252 Resp: 556922
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 10.4 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 35.78 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF087241.D
Acq: 20 May 2016 23:22

Tgt Ion: 278 Resp: 457614
Ion Ratio Lower Upper
278 100
139 15.6 16.6 24.8#
279 22.8 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 34.31 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF087241.D

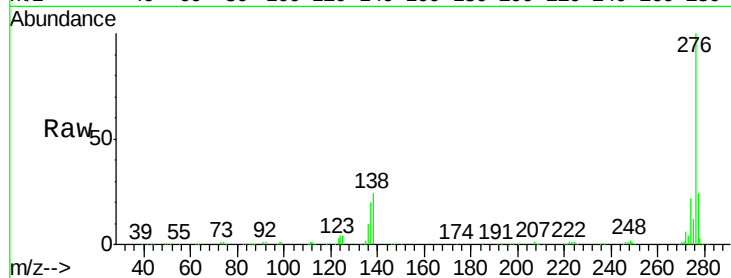
Acq: 20 May 2016 23:22

Instrument :

BNA_F

ClientSampleId :

PB90736BS



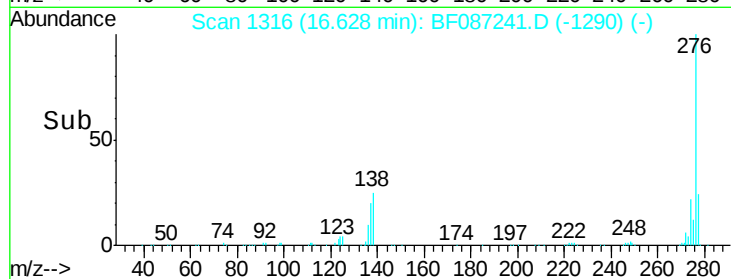
Tgt Ion: 276 Resp: 443227

Ion Ratio Lower Upper

276 100

277 24.1 19.6 29.4

138 24.5 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

