

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062116\
 Data File : BF088233.D
 Acq On : 22 Jun 2016 1:06
 Operator : UM/SJ
 Sample : PB91471BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91471BS

Quant Time: Jun 22 01:39:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:34:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	86251	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	334118	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	157742	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	290521	20.00	ng	0.00
75) Chrysene-d12	13.79	240	207937	20.00	ng	0.00
86) Perylene-d12	15.17	264	177178	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	641088	127.07	ng	0.01
7) Phenol-d6	6.31	99	748713	122.45	ng	0.00
23) Nitrobenzene-d5	7.22	82	447746	78.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	170235	102.21	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	824795	81.94	ng	0.00
78) Terphenyl-d14	12.75	244	796378	87.15	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.19	88	77820	31.74	ng	# 34
3) Pyridine	2.84	79	221824	38.32	ng	91
4) n-Nitrosodimethylamine	2.80	42	91087	37.16	ng	79
6) Aniline	6.32	93	144834	16.64	ng	# 1
8) 2-Chlorophenol	6.44	128	247956	41.52	ng	82
10) Phenol	6.33	94	245441	38.52	ng	97
11) bis(2-Chloroethyl)ether	6.40	93	238545	44.49	ng	87
12) 1,3-Dichlorobenzene	6.82	146	248303	38.75	ng	97
13) 1,4-Dichlorobenzene	6.67	146	255083	39.52	ng	96
14) 1,2-Dichlorobenzene	6.67	146	255083	43.46	ng	99
15) Benzyl Alcohol	6.81	79	174389	36.46	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.94	45	248773	34.34	ng	# 1
17) 2-Methylphenol	6.94	107	197821	40.85	ng	95
18) Hexachloroethane	7.15	117	90419	39.48	ng	# 82
19) n-Nitroso-di-n-propylamine	7.08	70	153200	39.17	ng	# 77
20) 3+4-Methylphenols	7.08	107	258592	45.76	ng	# 83
22) Acetophenone	7.07	105	331985	44.46	ng	97
24) Nitrobenzene	7.24	77	259267	46.78	ng	96
25) Isophorone	7.48	82	443811	41.88	ng	98
26) 2-Nitrophenol	7.56	139	137874	46.44	ng	# 73
27) 2,4-Dimethylphenol	7.61	122	227507	41.62	ng	93
28) bis(2-Chloroethoxy)methane	7.70	93	304435	46.31	ng	97
29) 2,4-Dichlorophenol	7.80	162	201939	44.24	ng	98
30) 1,2,4-Trichlorobenzene	7.88	180	213014	42.86	ng	98
31) Naphthalene	7.95	128	687824	41.60	ng	99
32) Benzoic acid	7.77	122	117083	38.90	ng	94
33) 4-Chloroaniline	8.02	127	85155	11.53	ng	# 92
34) Hexachlorobutadiene	8.08	225	111416	42.51	ng	100
35) Caprolactam	8.40	113	44990	29.76	ng	90
36) 4-Chloro-3-methylphenol	8.52	107	221957	45.47	ng	91
37) 2-Methylnaphthalene	8.65	142	468721	43.01	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	195902	49.32	ng	# 1
40) Hexachlorocyclopentadiene	8.80	237	112471	44.20	ng	99
42) 2,4,6-Trichlorophenol	8.94	196	129051	40.91	ng	96

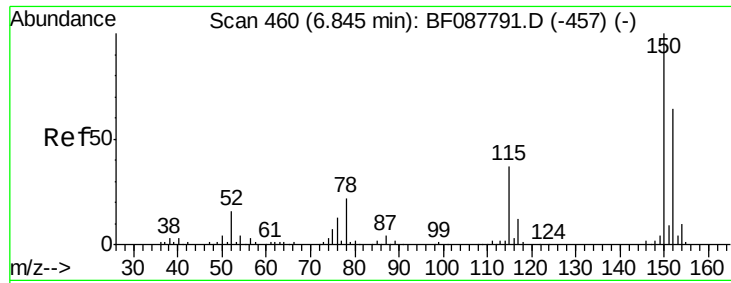
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062116\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	126785	38.63	ng	97
45) 1,1'-Biphenyl	9.12	154	580700	49.69	ng	96
46) 2-Chloronaphthalene	9.14	162	450176	44.10	ng	94
47) 2-Nitroaniline	9.24	65	126043	41.86	ng	# 82
48) Acenaphthylene	9.55	152	707188	43.56	ng	99
49) Dimethylphthalate	9.43	163	513668	44.95	ng	100
50) 2,6-Dinitrotoluene	9.48	165	112802	43.11	ng	# 62
51) Acenaphthene	9.72	154	418939	41.36	ng	99
52) 3-Nitroaniline	9.66	138	59466	19.69	ng	88
53) 2,4-Dinitrophenol	9.77	184	98974	71.10	ng	98
54) Dibenzofuran	9.90	168	573121	41.09	ng	# 91
55) 4-Nitrophenol	9.85	139	135980	58.02	ng	# 76
56) 2,4-Dinitrotoluene	9.90	165	141760	42.15	ng	# 63
57) Fluorene	10.24	166	478467	51.45	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	113604	44.05	ng	# 58
59) Diethylphthalate	10.12	149	494950	42.79	ng	99
60) 4-Chlorophenyl-phenylether	10.23	204	186750	40.26	ng	95
61) 4-Nitroaniline	10.27	138	109864	38.36	ng	97
62) Azobenzene	10.39	77	497841	43.53	ng	95
64) 4,6-Dinitro-2-methylphenol	10.31	198	78152	43.31	ng	# 64
65) n-Nitrosodiphenylamine	10.35	169	410167	42.55	ng	99
66) 4-Bromophenyl-phenylether	10.72	248	136609	43.83	ng	97
67) Hexachlorobenzene	10.78	284	133000	41.07	ng	92
68) Atrazine	10.89	200	122552	41.98	ng	98
69) Pentachlorophenol	10.98	266	106503	62.39	ng	97
70) Phenanthrene	11.19	178	659615	43.27	ng	99
71) Anthracene	11.24	178	683393	44.44	ng	99
72) Carbazole	11.40	167	671367	46.65	ng	99
73) Di-n-butylphthalate	11.74	149	773011	42.43	ng	99
74) Fluoranthene	12.38	202	713058	44.32	ng	95
76) Benzidine	12.50	184	208088	36.14	ng	98
77) Pyrene	12.59	202	686862	44.51	ng	99
79) Butylbenzylphthalate	13.22	149	325187	47.67	ng	89
80) Benzo(a)anthracene	13.78	228	493415	41.64	ng	99
81) 3,3'-Dichlorobenzidine	13.75	252	108415	34.02	ng	# 94
82) Chrysene	13.82	228	550918	49.42	ng	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	383474	46.18	ng	99
84) Di-n-octyl phthalate	14.39	149	703107	52.10	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.46	276	463111	44.71	ng	# 100
87) Benzo(b)fluoranthene	14.79	252	935349	75.74	ng	# 95
88) Benzo(k)fluoranthene	14.79	252	935612	100.44	ng	100
89) Benzo(a)pyrene	15.11	252	445323	44.57	ng	99
90) Dibenzo(a,h)anthracene	16.46	278	383796	41.36	ng	99
91) Benzo(g,h,i)perylene	16.83	276	406711	42.61	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF088233.D

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PB91471BS

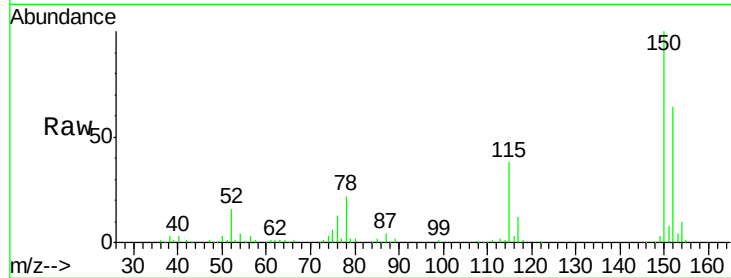
Tgt Ion:152 Resp: 86251

Ion Ratio Lower Upper

152 100

150 156.6 123.8 185.6

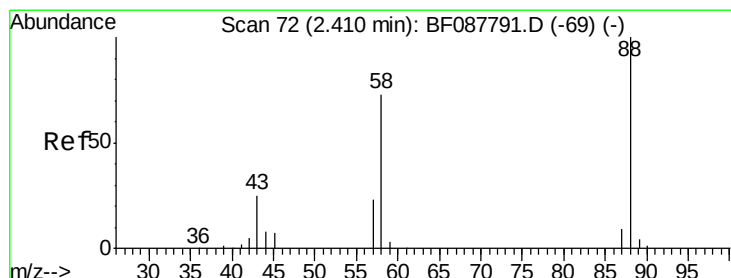
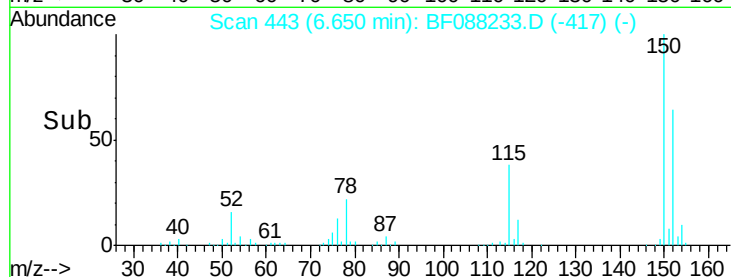
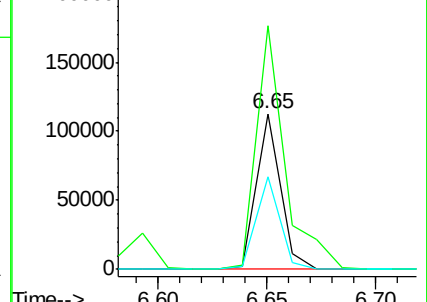
115 59.5 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.74 ng

RT: 2.19 min Scan# 53

Delta R.T. 0.09 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

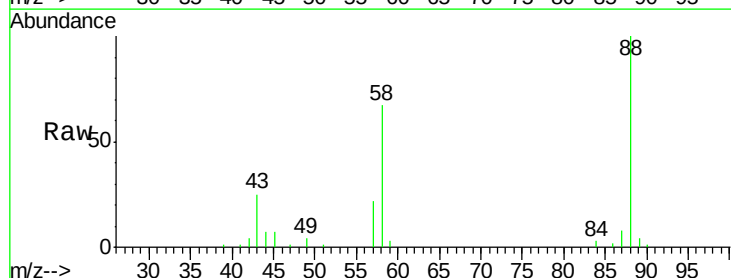
Tgt Ion: 88 Resp: 77820

Ion Ratio Lower Upper

88 100

58 70.8 0.0 0.0#

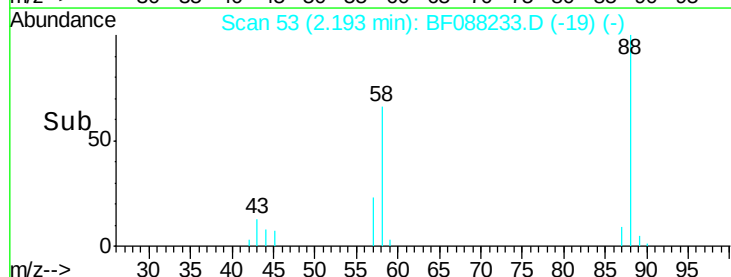
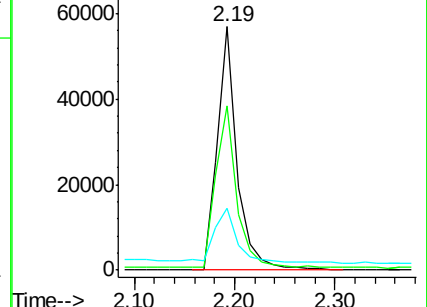
43 26.2 3.4 5.2#

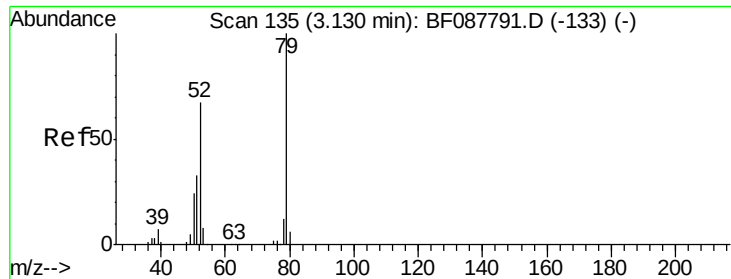


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.32 ng

RT: 2.84 min Scan# 110

Delta R.T. 0.08 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB91471BS

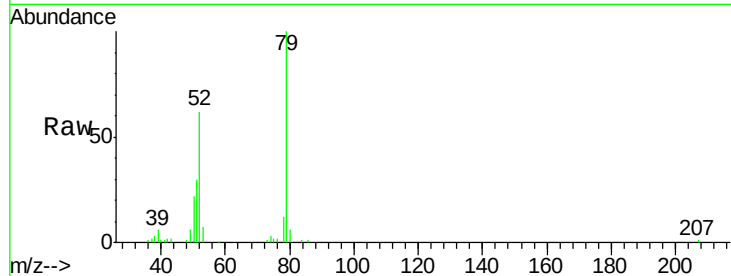
Tgt Ion: 79 Resp: 221824

Ion Ratio Lower Upper

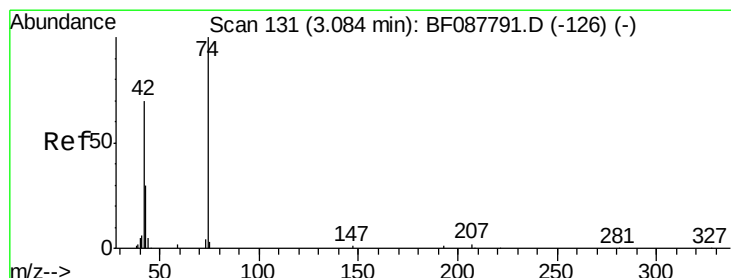
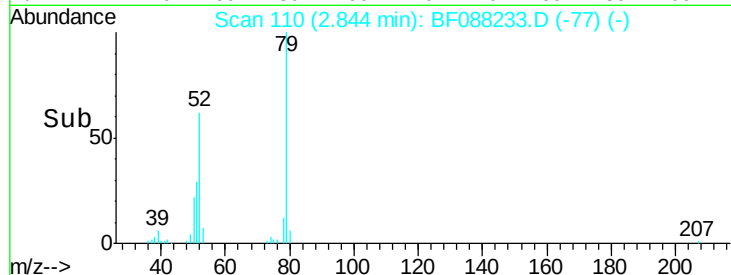
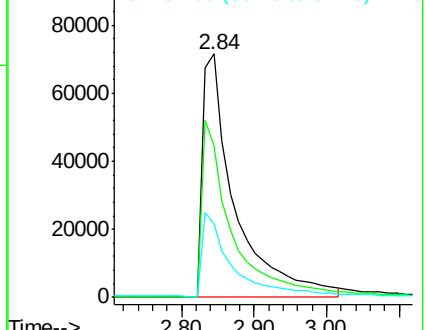
79 100

52 62.3 56.3 84.5

51 30.0 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.16 ng

RT: 2.80 min Scan# 106

Delta R.T. 0.08 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

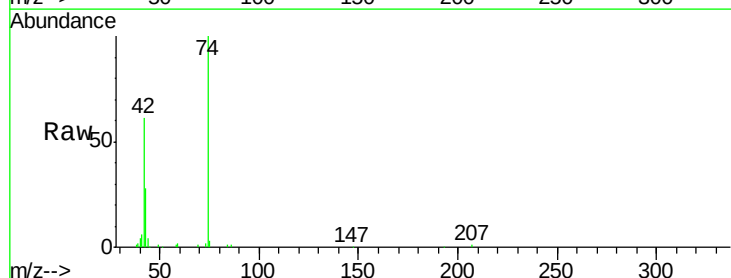
Tgt Ion: 42 Resp: 91087

Ion Ratio Lower Upper

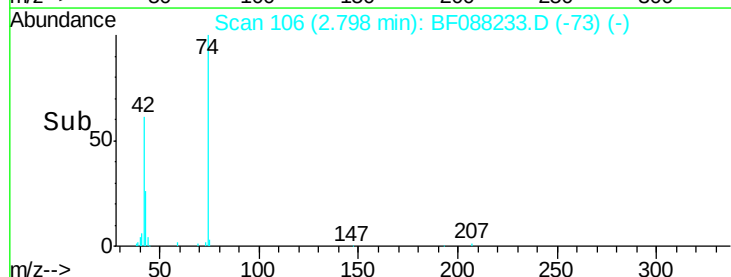
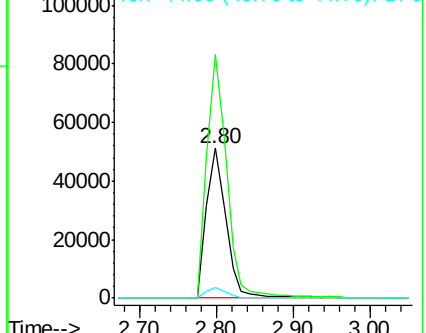
42 100

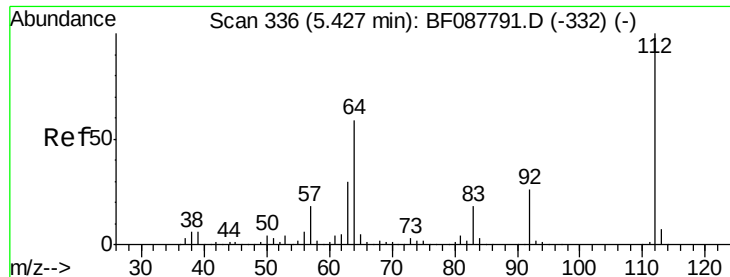
74 162.8 108.6 163.0

44 7.1 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 127.07 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.01 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

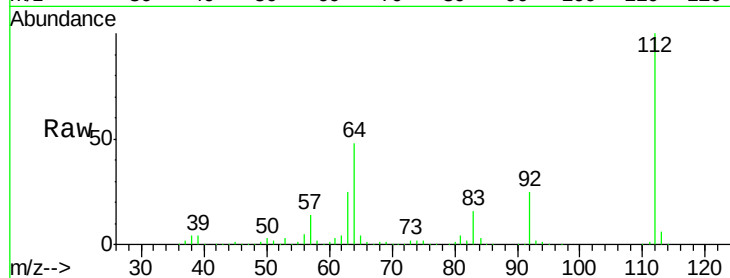
Instrument :

BNA_F

ClientSampleId :

PB91471BS

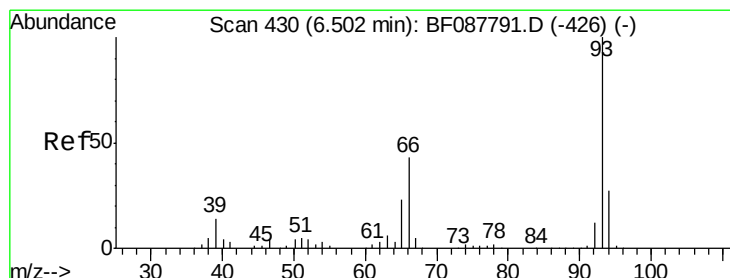
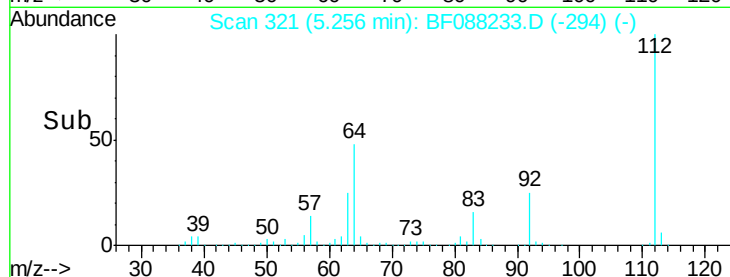
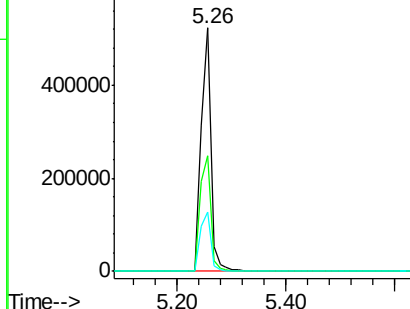
Tgt Ion:	112	Resp:	641088
Ion	Ratio	Lower	Upper
112	100		
64	47.6	42.2	63.2
63	24.6	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.64 ng

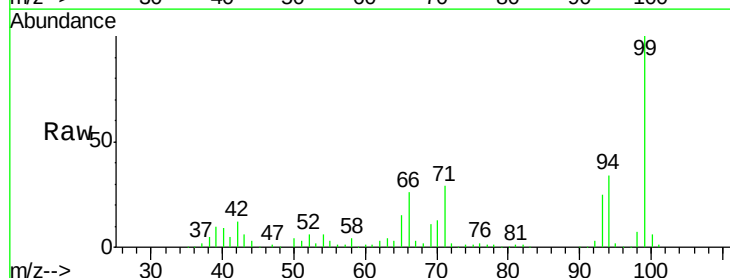
RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

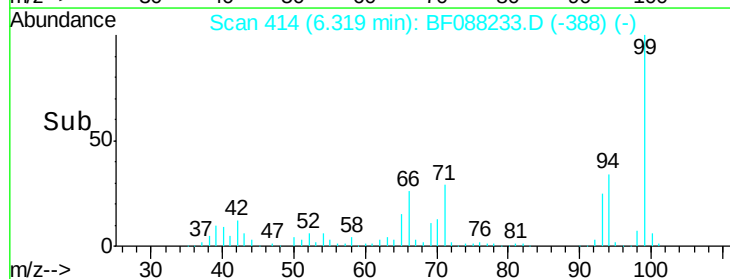
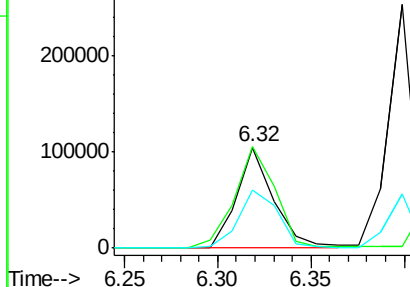
Tgt Ion:	93	Resp:	144834
Ion	Ratio	Lower	Upper
93	100		
66	100.6	29.8	44.8#
65	57.5	14.9	22.3#

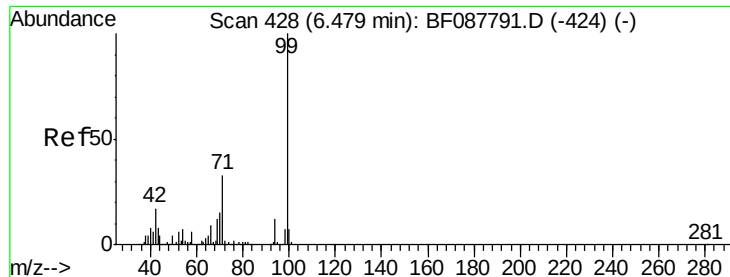


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.45 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

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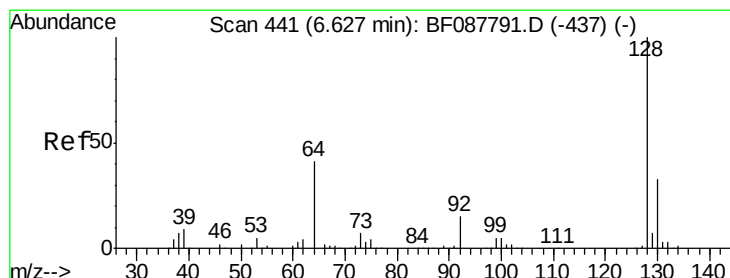
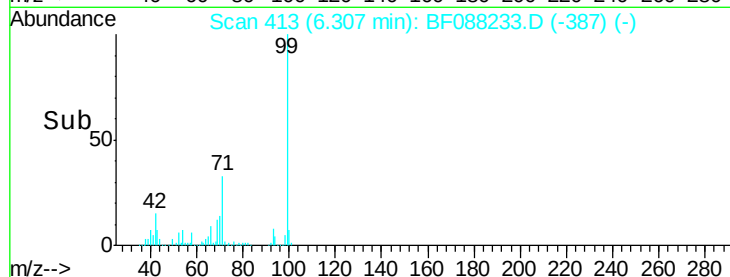
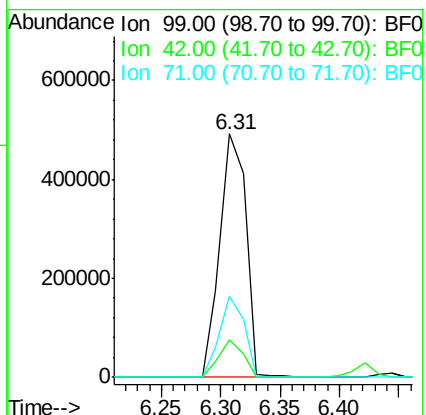
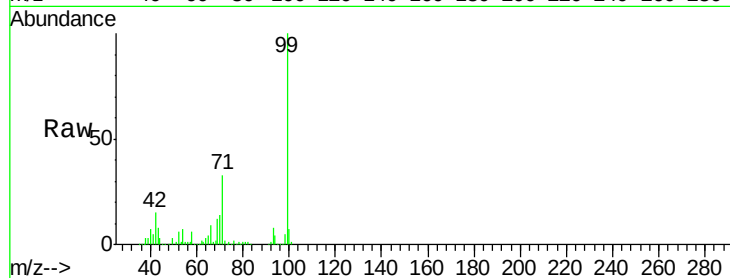
Tgt Ion: 99 Resp: 748713

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

71 33.2 23.4 35.0



#8

2-Chlorophenol

Concen: 41.52 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

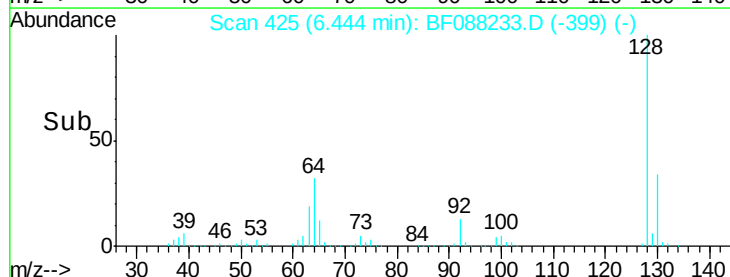
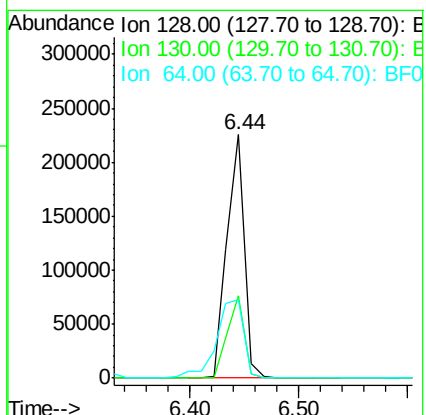
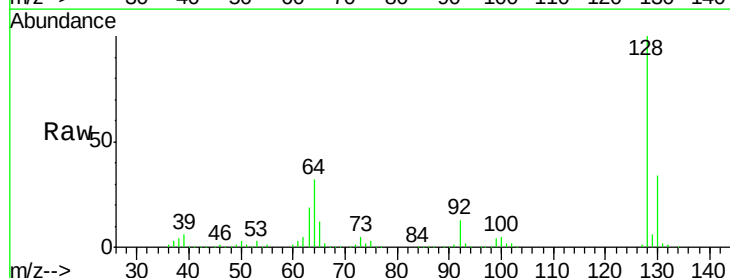
Tgt Ion: 128 Resp: 247956

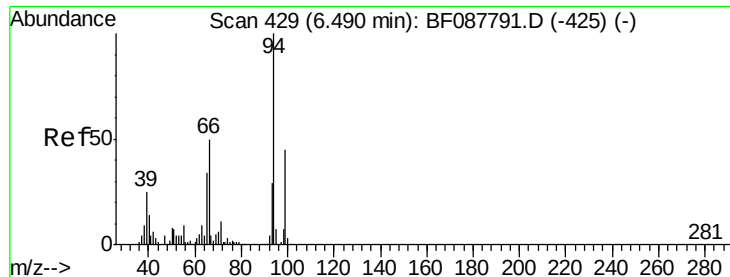
Ion Ratio Lower Upper

128 100

130 34.0 12.0 52.0

64 32.1 30.8 70.8





#10

Phenol

Concen: 38.52 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

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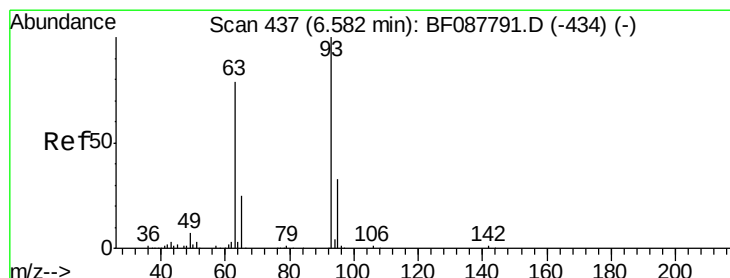
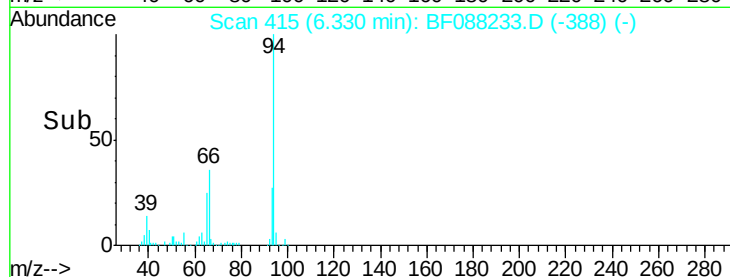
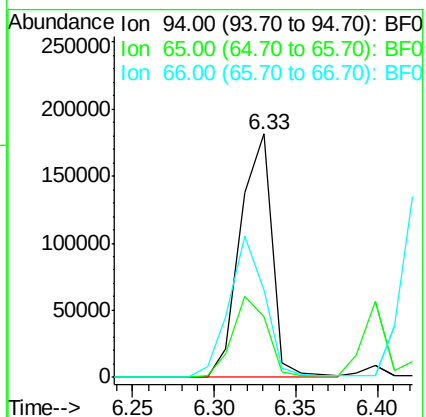
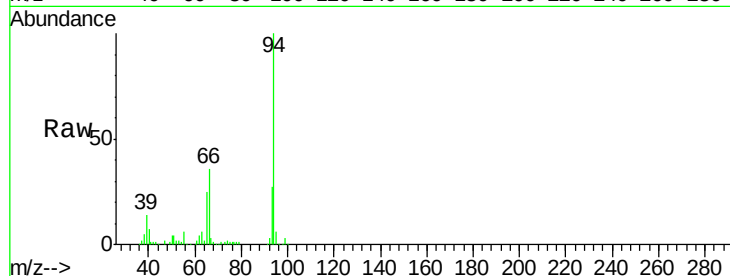
Tgt Ion: 94 Resp: 245441

Ion Ratio Lower Upper

94 100

65 24.6 5.9 45.9

66 35.8 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 44.49 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

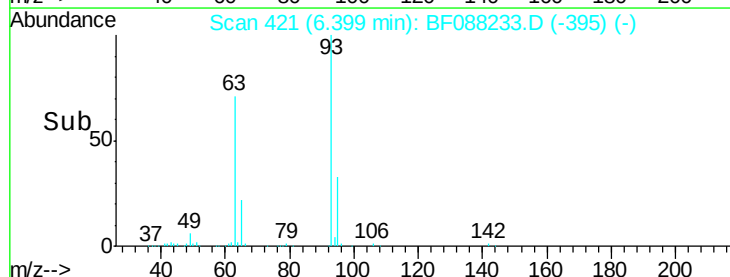
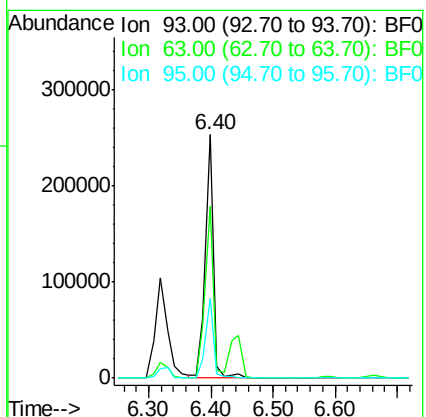
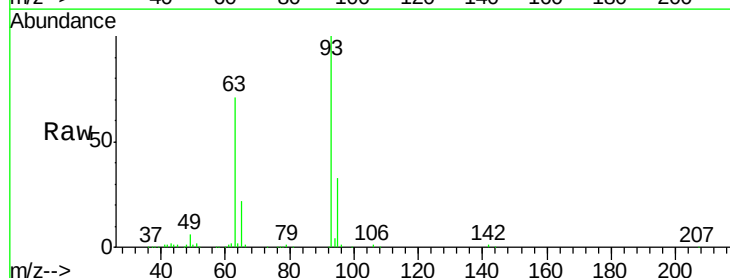
Tgt Ion: 93 Resp: 238545

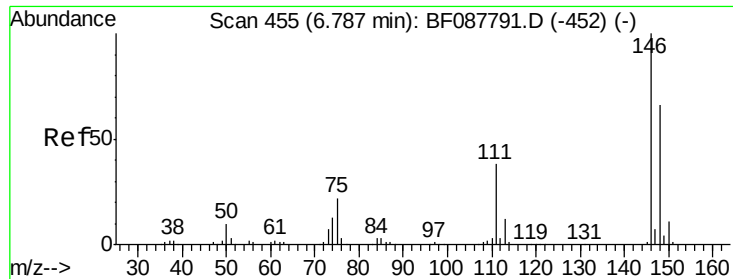
Ion Ratio Lower Upper

93 100

63 70.8 67.6 107.6

95 32.7 12.5 52.5

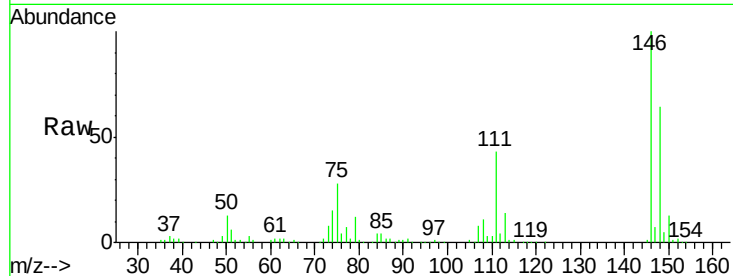




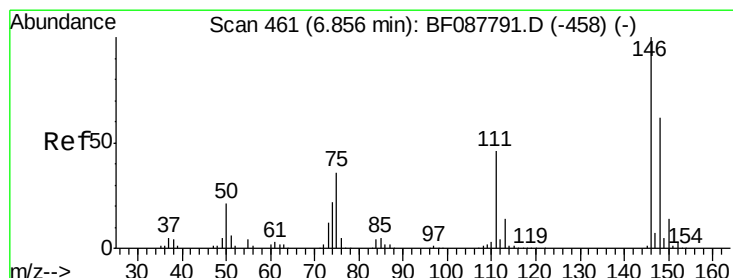
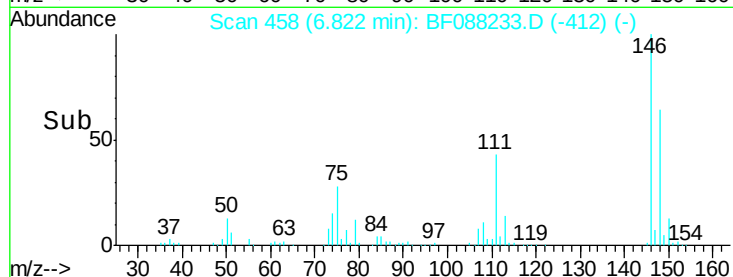
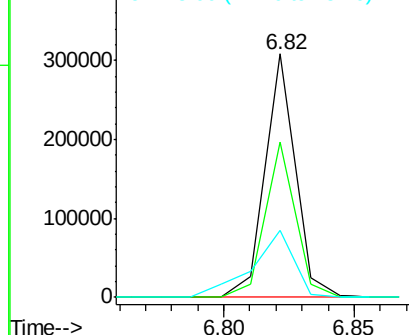
#12
 1,3-Dichlorobenzene
 Concen: 38.75 ng
 RT: 6.82 min Scan# 458
 Delta R.T. 0.23 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB91471BS

Tgt Ion:146 Resp: 248303
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.9 76.3
 75 27.5 25.6 38.4

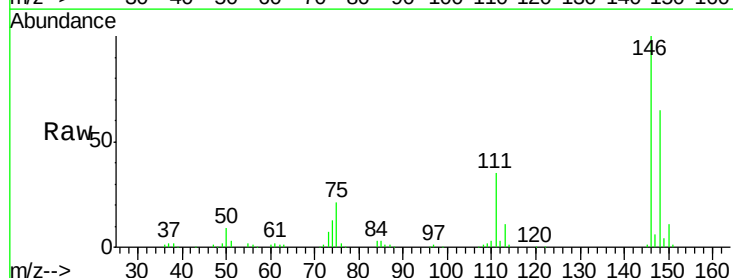


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

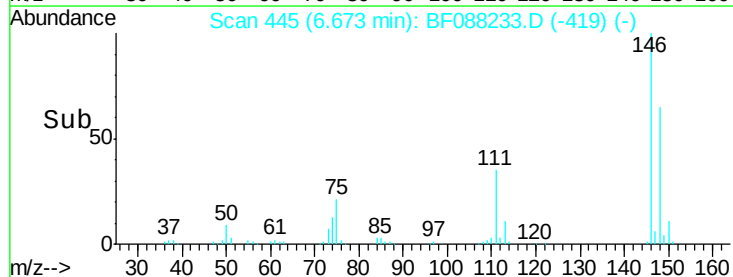
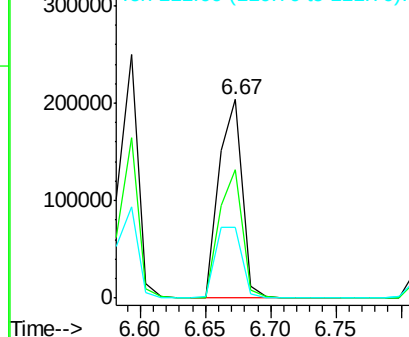


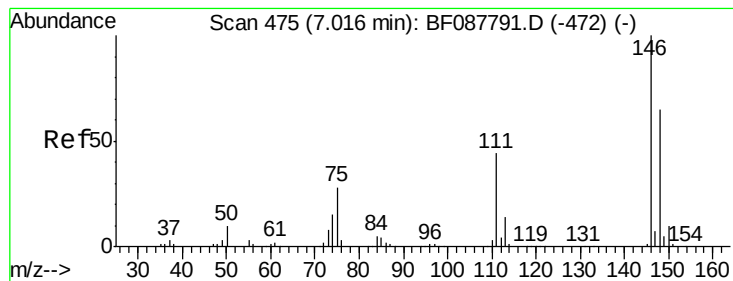
#13
 1,4-Dichlorobenzene
 Concen: 39.52 ng
 RT: 6.67 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Tgt Ion:146 Resp: 255083
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.0 78.0
 111 35.4 33.8 50.8



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





#14

1,2-Dichlorobenzene

Concen: 43.46 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.15 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB91471BS

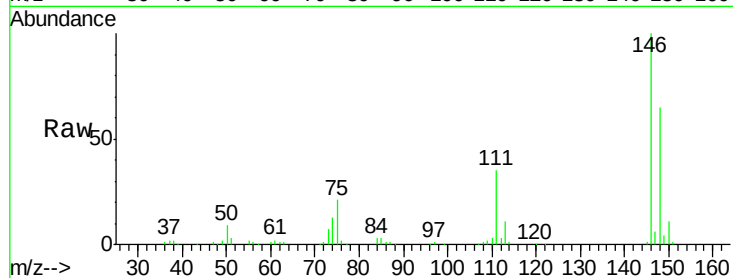
Tgt Ion:146 Resp: 255083

Ion Ratio Lower Upper

146 100

148 65.0 52.3 78.5

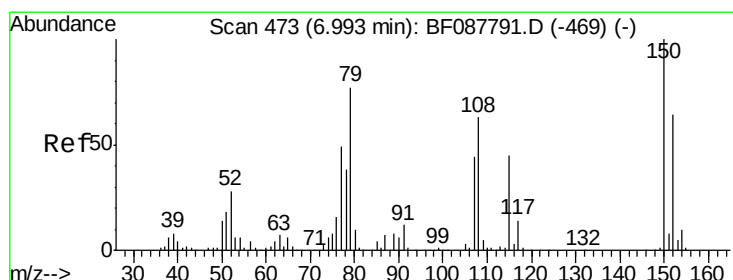
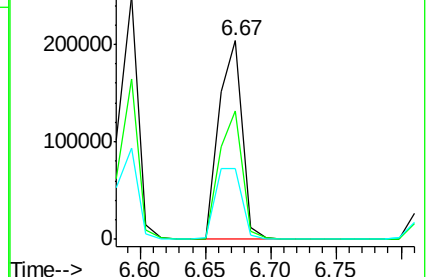
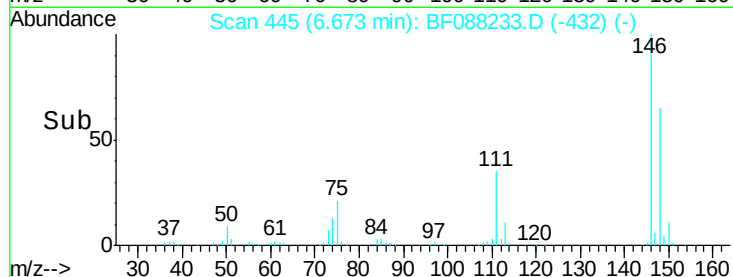
111 35.4 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 36.46 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

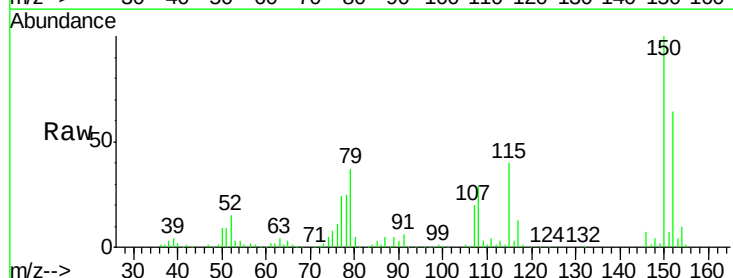
Tgt Ion: 79 Resp: 174389

Ion Ratio Lower Upper

79 100

108 77.3 65.0 97.6

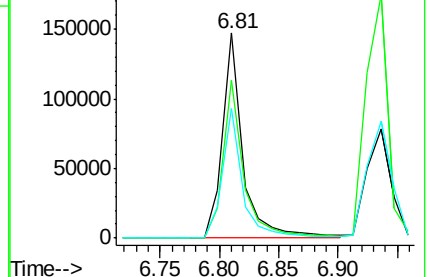
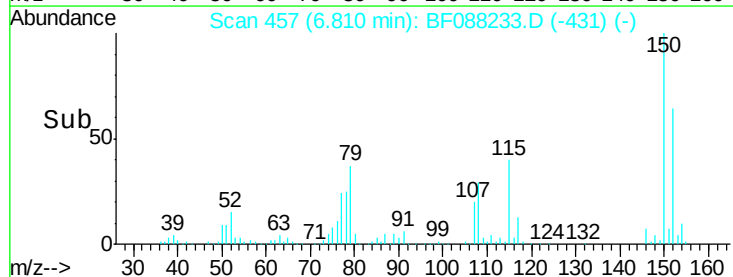
77 63.4 50.3 75.5

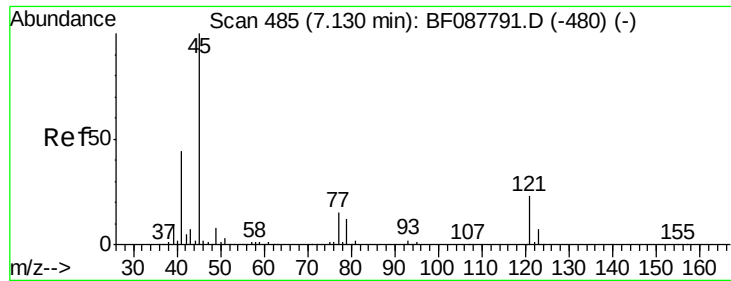


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

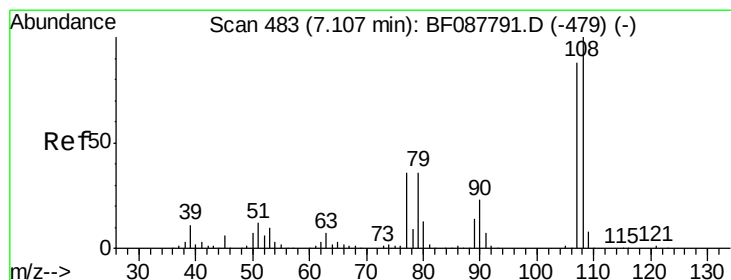
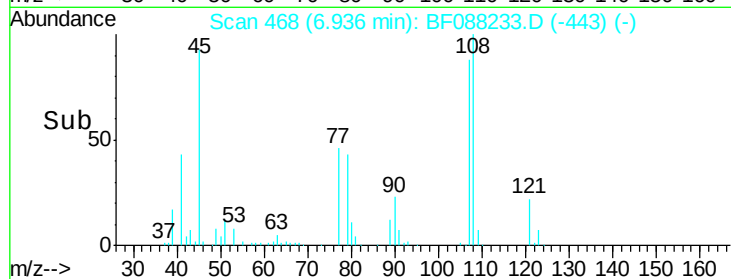
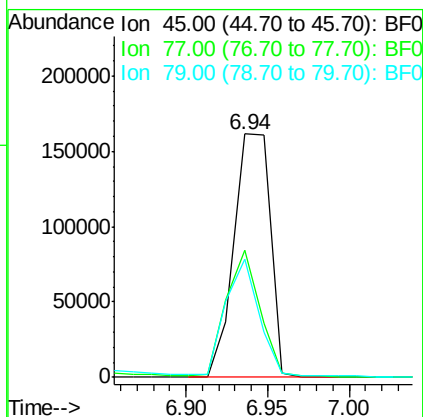
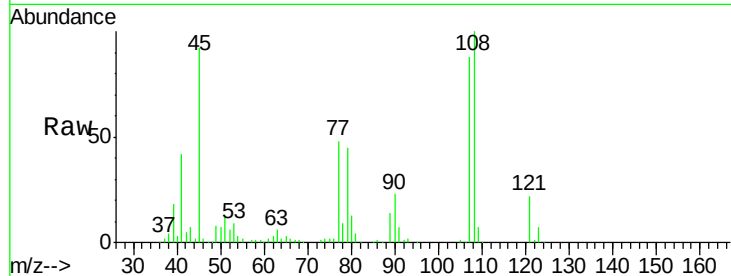




#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.34 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

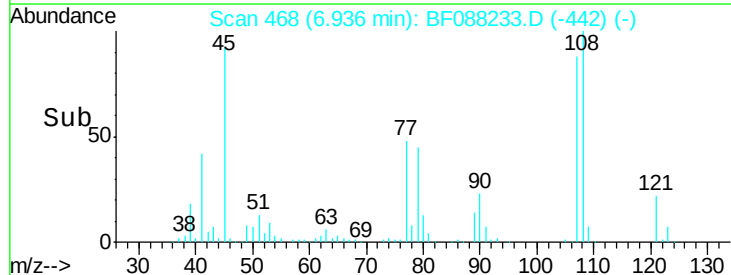
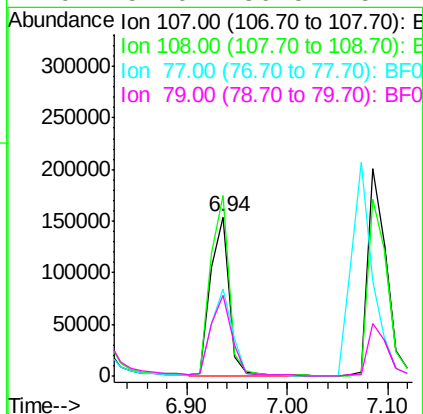
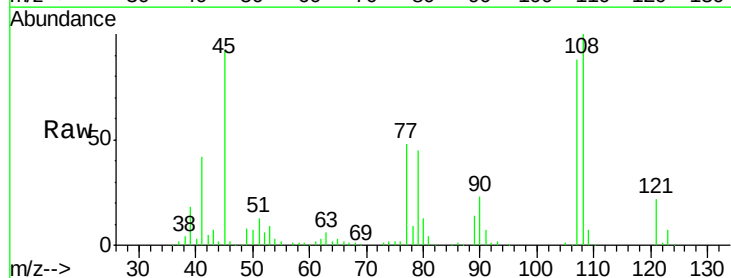
Instrument :
BNA_F
ClientSampleId :
PB91471BS

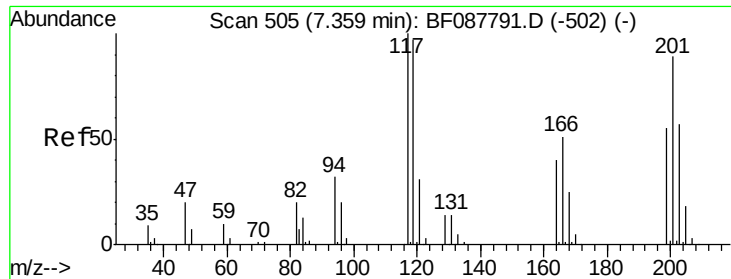
Tgt Ion: 45 Resp: 248773
Ion Ratio Lower Upper
45 100
77 52.2 0.0 32.5#
79 48.7 0.0 29.5#



#17
2-Methylphenol
Concen: 40.85 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion: 107 Resp: 197821
Ion Ratio Lower Upper
107 100
108 113.5 90.9 136.3
77 54.8 36.6 55.0
79 51.0 36.5 54.7

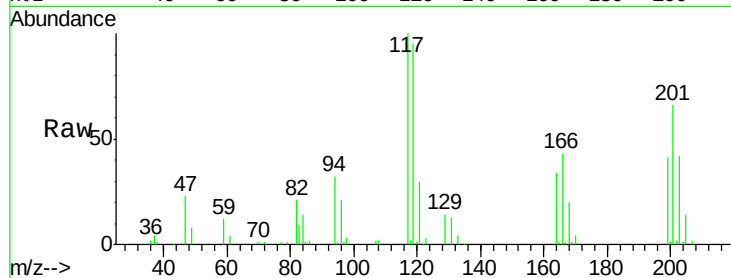




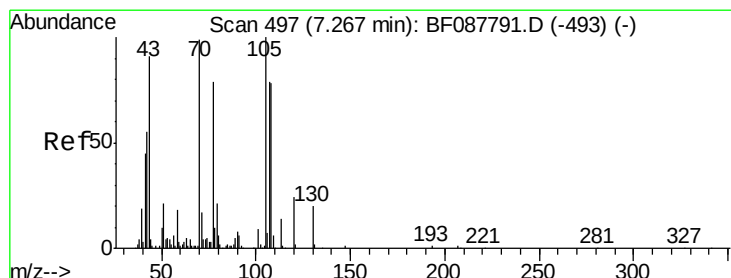
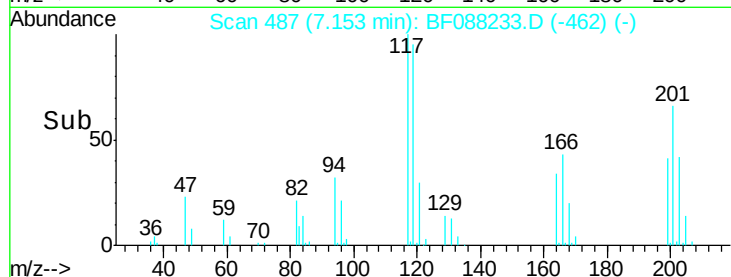
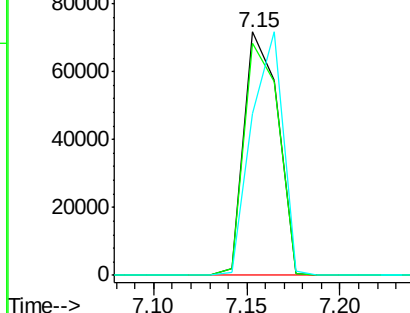
#18
Hexachloroethane
Concen: 39.48 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tgt Ion: 117 Resp: 90419
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.2
201 66.3 80.4 120.6#

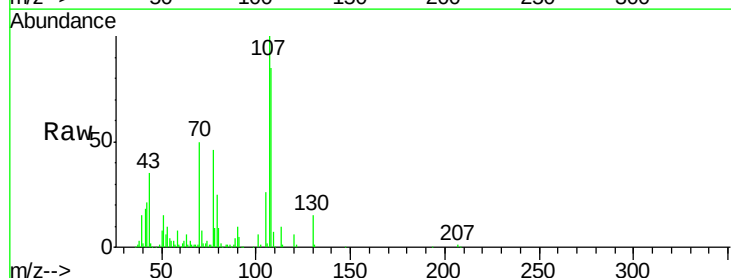


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

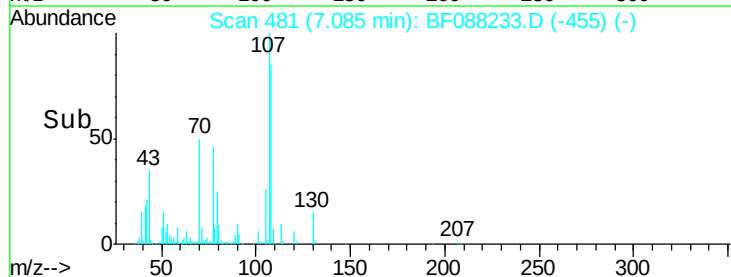
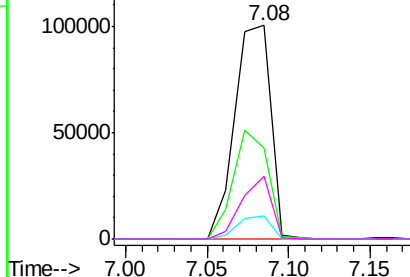


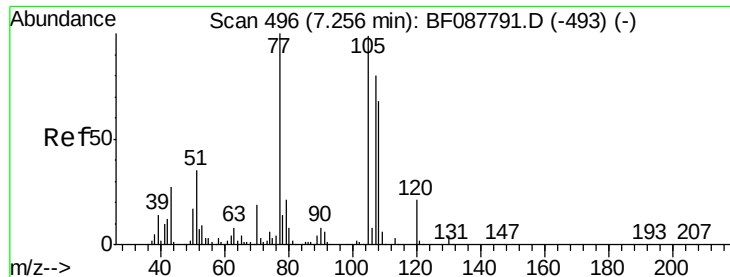
#19
n-Nitroso-di-n-propylamine
Concen: 39.17 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion: 70 Resp: 153200
Ion Ratio Lower Upper
70 100
42 42.5 49.6 74.4#
101 11.1 7.1 10.7#
130 29.5 15.4 23.2#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 45.76 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB91471BS

Tgt Ion:107 Resp: 258592

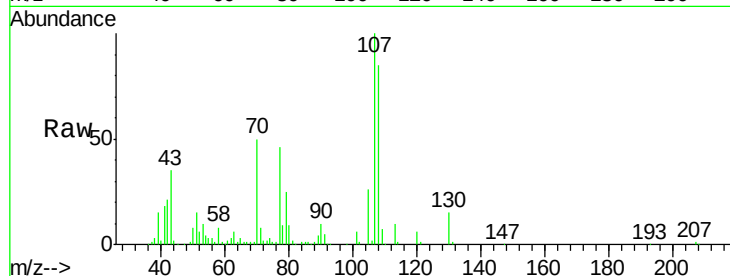
Ion Ratio Lower Upper

107 100

108 85.1 67.8 107.8

77 45.6 59.3 99.3#

79 25.0 7.0 47.0

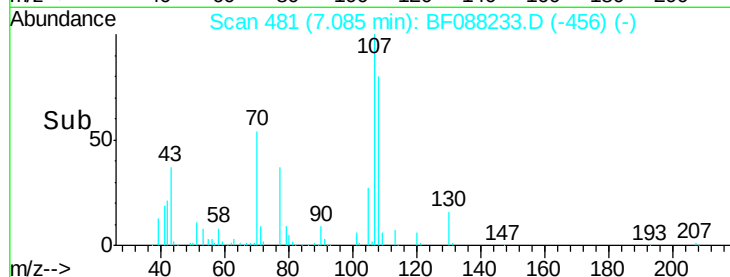


Abundance Ion 107.00 (106.70 to 107.70): E

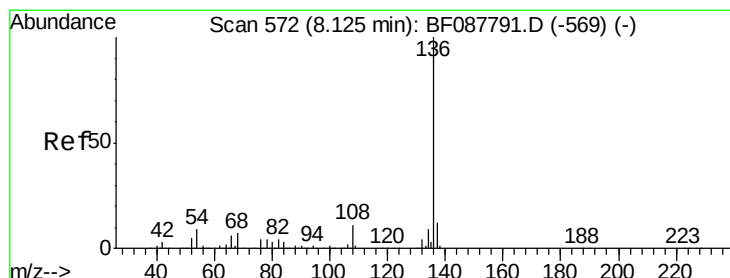
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Tgt Ion:136 Resp: 334118

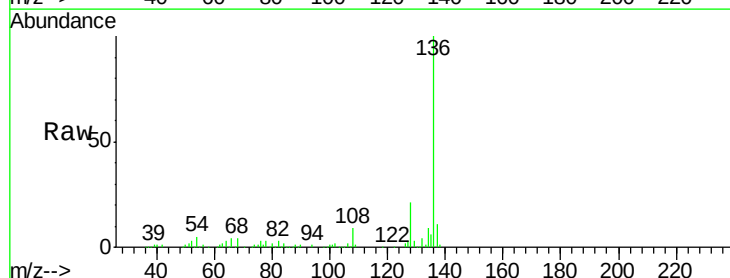
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.1 6.6 10.0#

68 4.5 5.1 7.7#

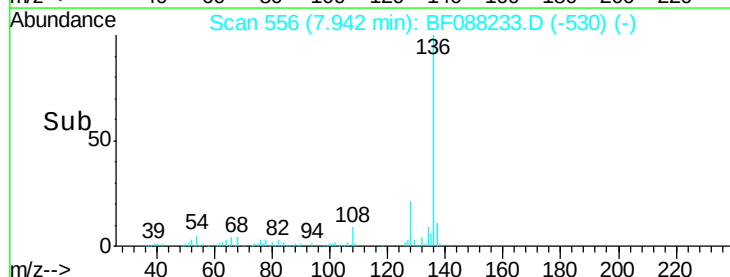


Abundance Ion 136.00 (135.70 to 136.70): E

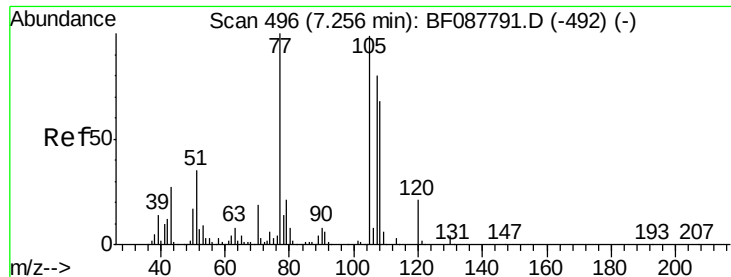
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 44.46 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB91471BS

Tgt Ion: 105 Resp: 331985

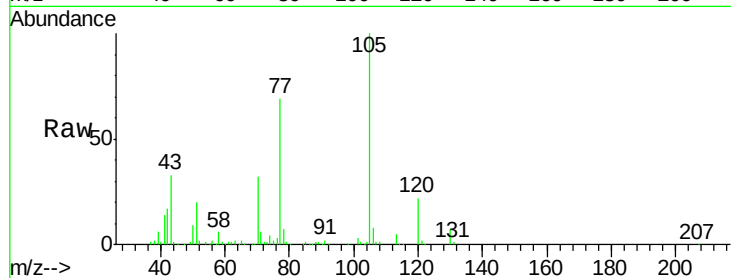
Ion Ratio Lower Upper

105 100

71 5.6 5.3 7.9

51 20.4 18.2 27.4

120 22.0 18.0 27.0

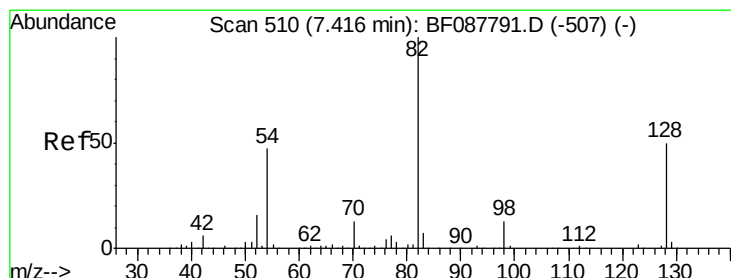
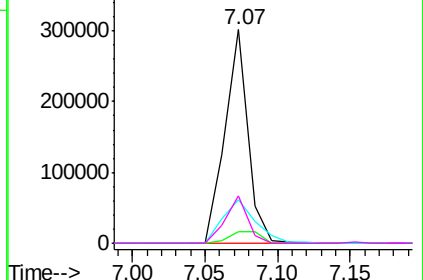
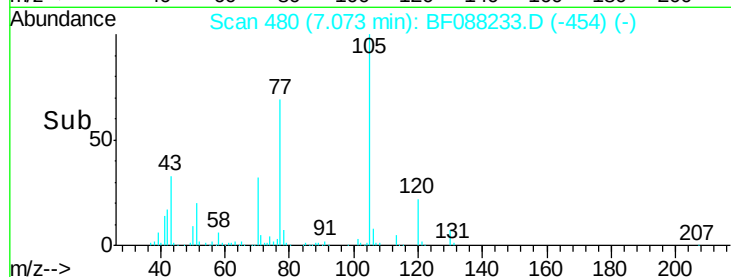


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 78.25 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

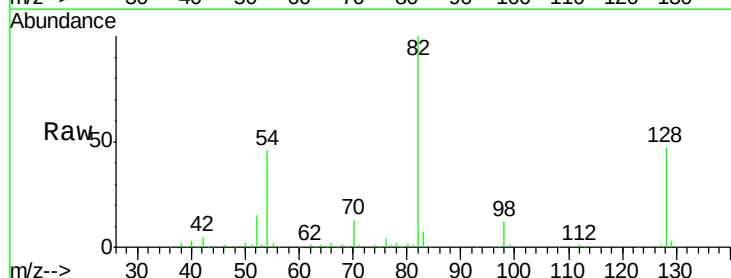
Tgt Ion: 82 Resp: 447746

Ion Ratio Lower Upper

82 100

128 47.2 35.9 53.9

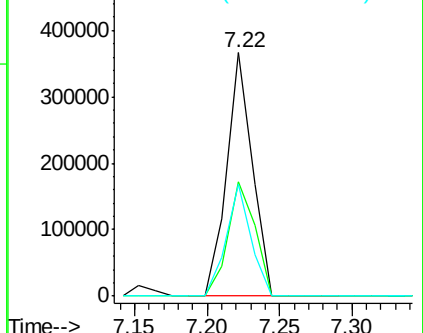
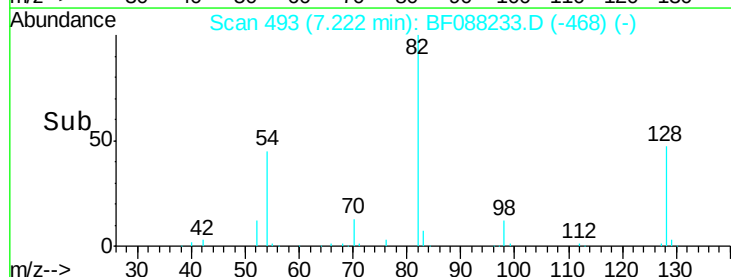
54 45.9 40.9 61.3

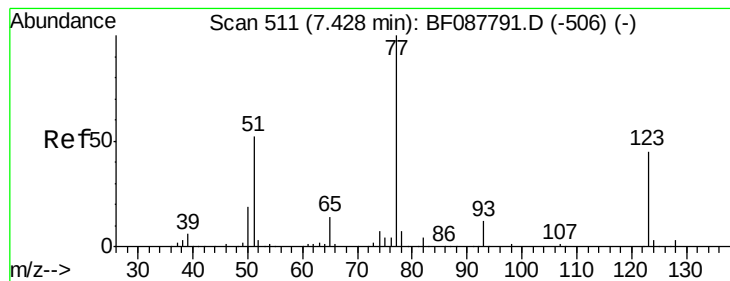


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 46.78 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB91471BS

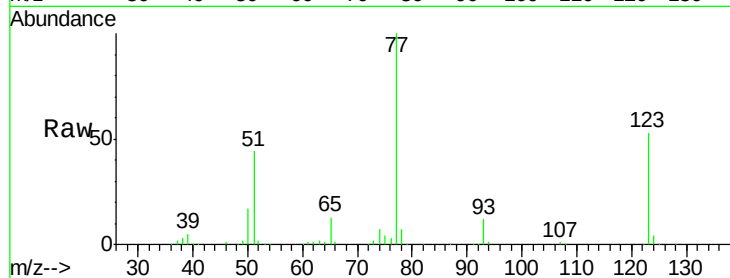
Tgt Ion: 77 Resp: 259267

Ion Ratio Lower Upper

77 100

123 53.0 45.0 67.4

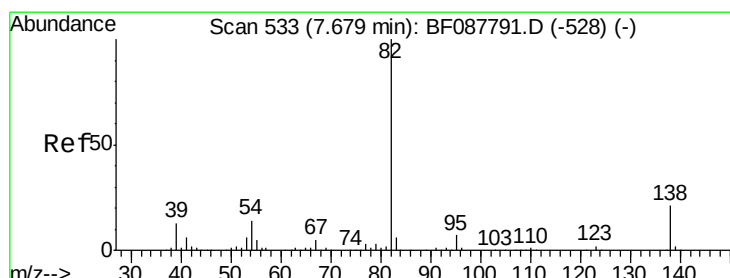
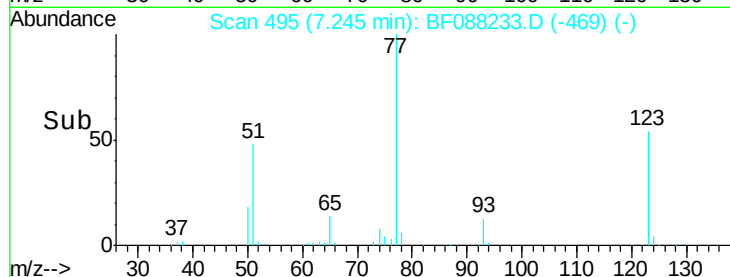
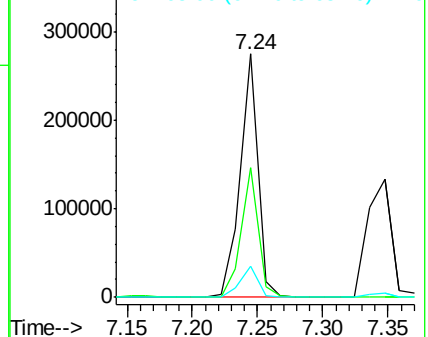
65 12.7 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 41.88 ng

RT: 7.48 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

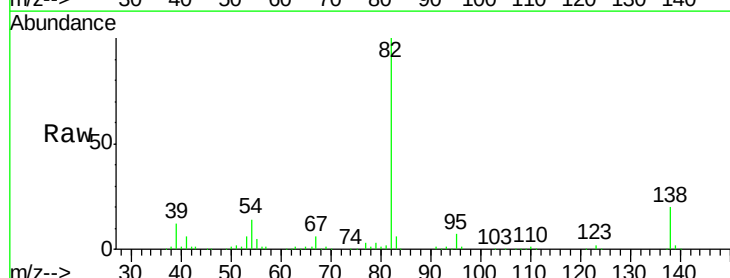
Tgt Ion: 82 Resp: 443811

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

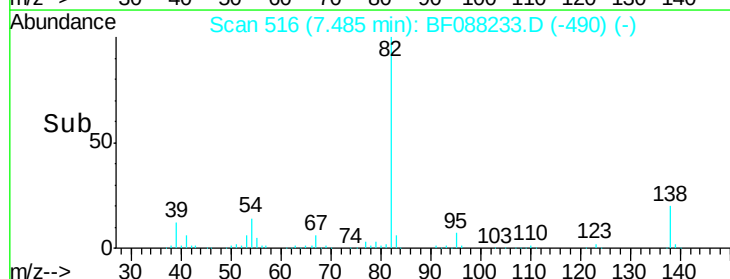
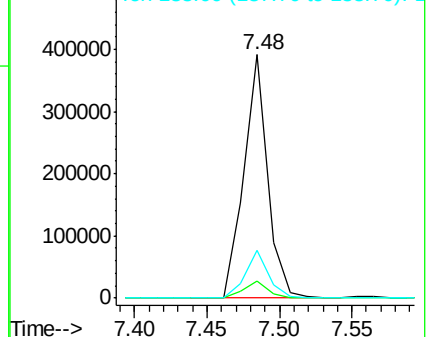
138 19.5 14.6 21.8

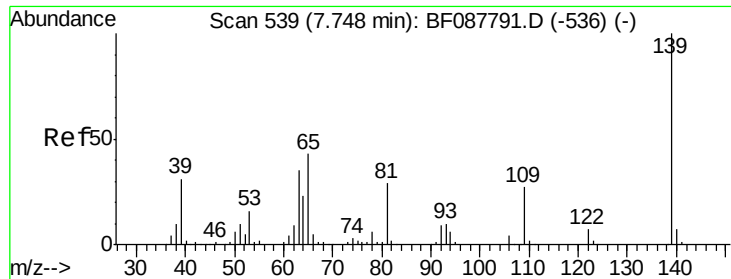


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

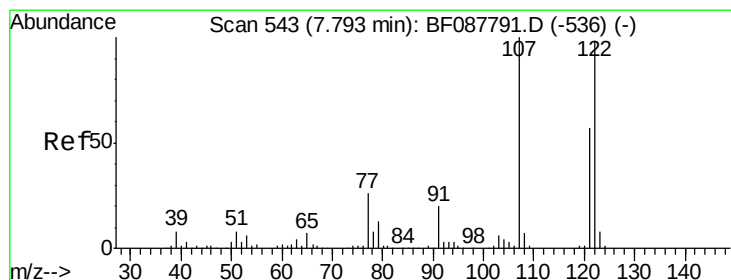
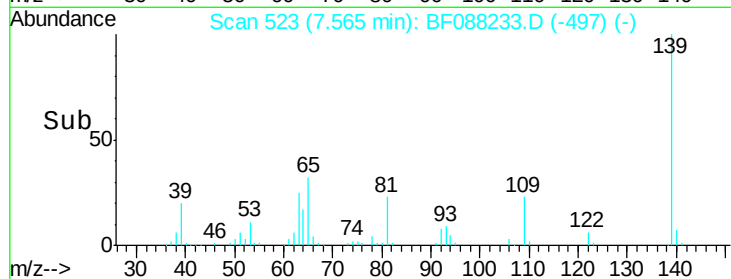
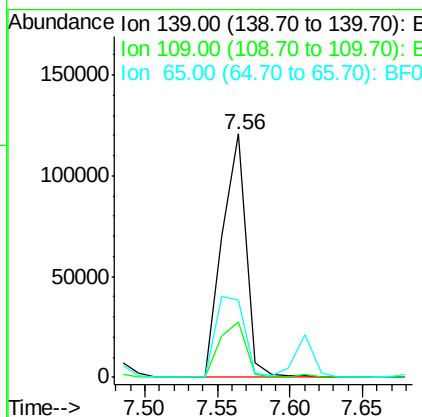
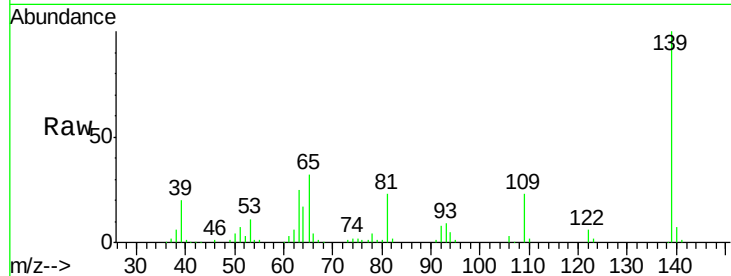




#26
 2-Nitrophenol
 Concen: 46.44 ng
 RT: 7.56 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

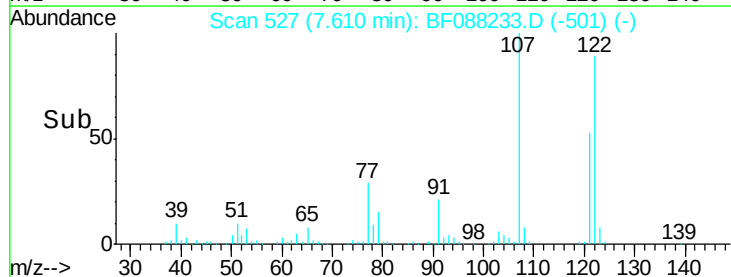
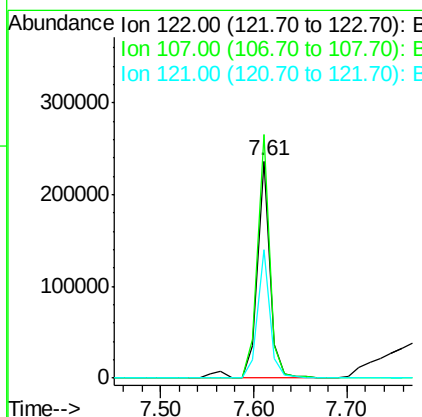
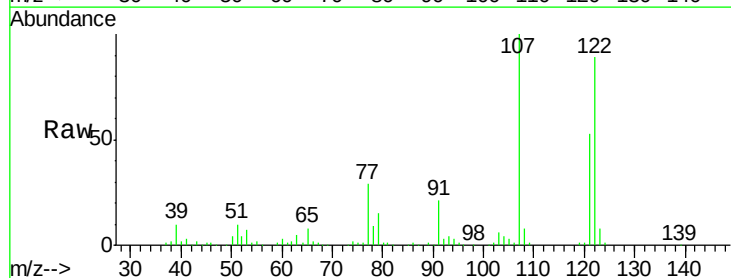
Instrument :
 BNA_F
 ClientSampleId :
 PB91471BS

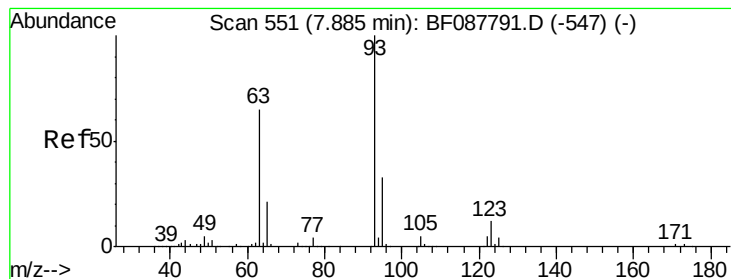
Tgt Ion:139 Resp: 137874
 Ion Ratio Lower Upper
 139 100
 109 22.6 23.0 34.4#
 65 31.9 45.8 68.8#



#27
 2,4-Dimethylphenol
 Concen: 41.62 ng
 RT: 7.61 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Tgt Ion:122 Resp: 227507
 Ion Ratio Lower Upper
 122 100
 107 112.3 82.4 123.6
 121 59.3 46.3 69.5





#28

bis(2-Chloroethoxy)methane

Concen: 46.31 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB91471BS

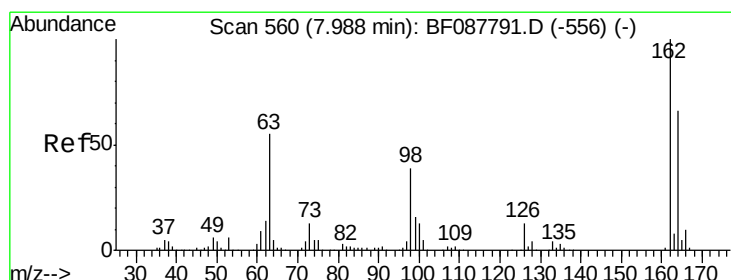
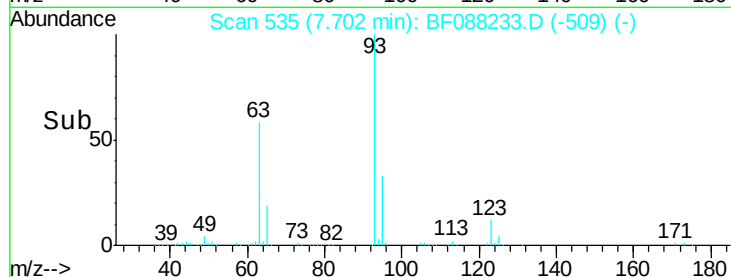
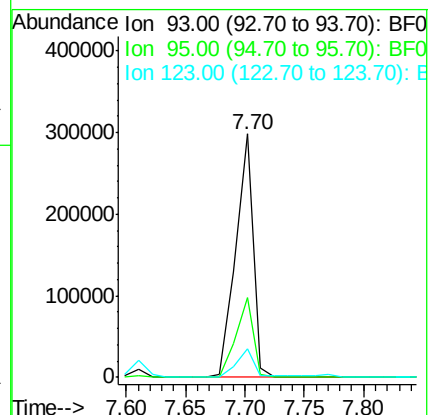
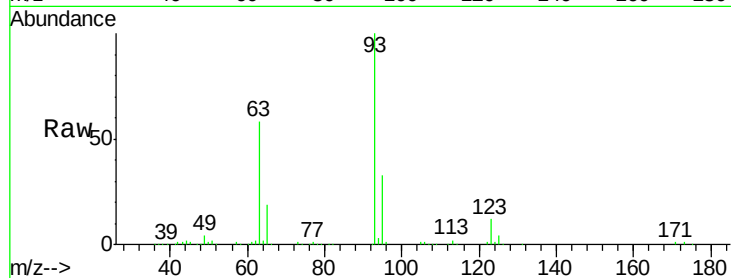
Tgt Ion: 93 Resp: 304435

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

123 11.7 11.6 17.4



#29

2,4-Dichlorophenol

Concen: 44.24 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

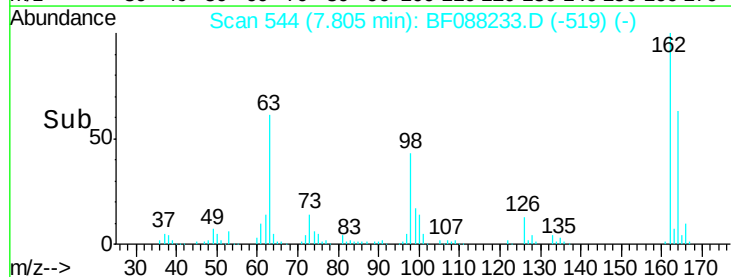
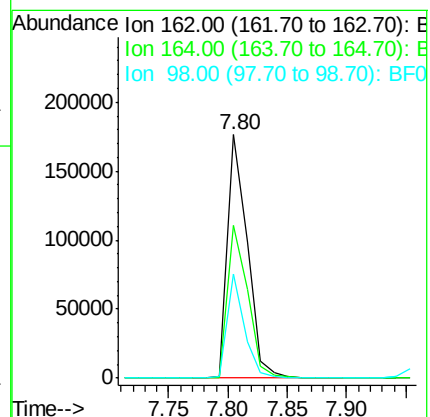
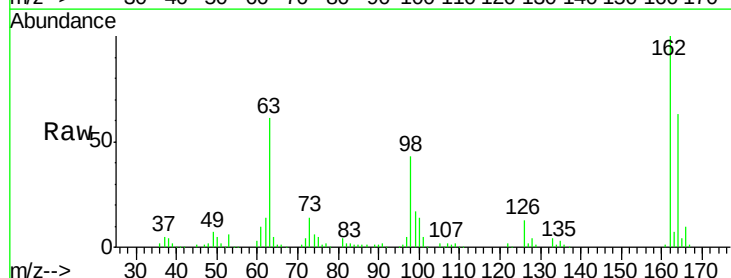
Tgt Ion: 162 Resp: 201939

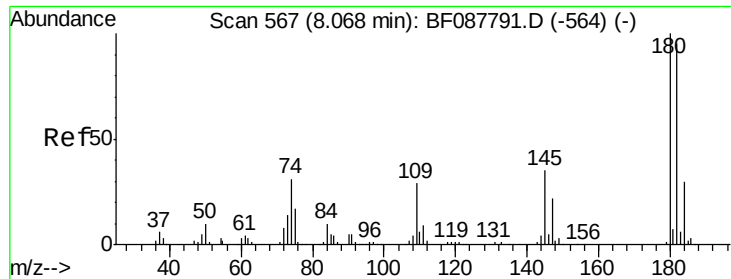
Ion Ratio Lower Upper

162 100

164 62.8 43.8 83.8

98 42.6 21.3 61.3

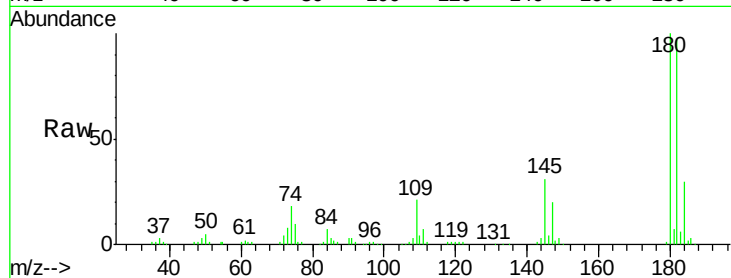




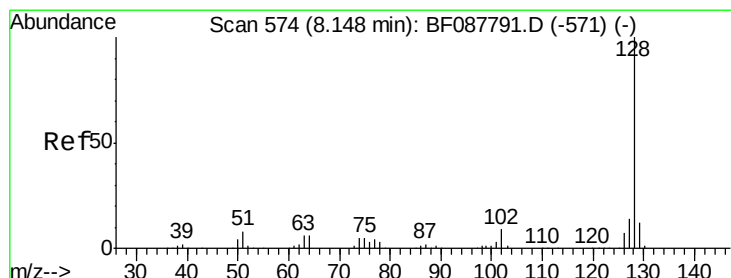
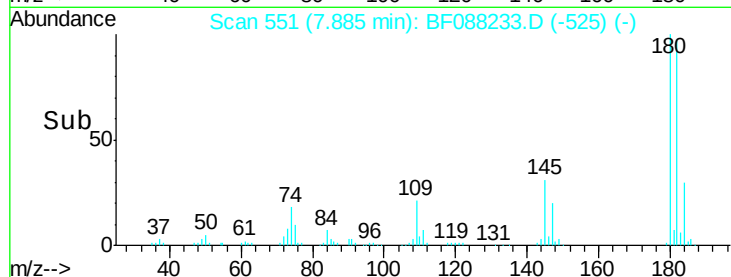
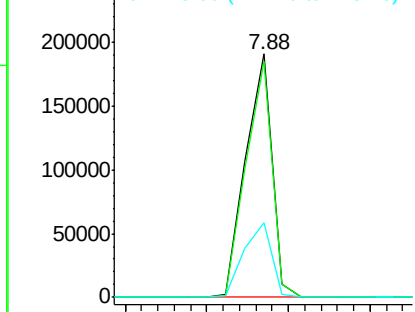
#30
 1,2,4-Trichlorobenzene
 Concen: 42.86 ng
 RT: 7.88 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB91471BS

Tgt Ion:180 Resp: 213014
 Ion Ratio Lower Upper
 180 100
 182 96.6 76.0 114.0
 145 30.9 26.5 39.7

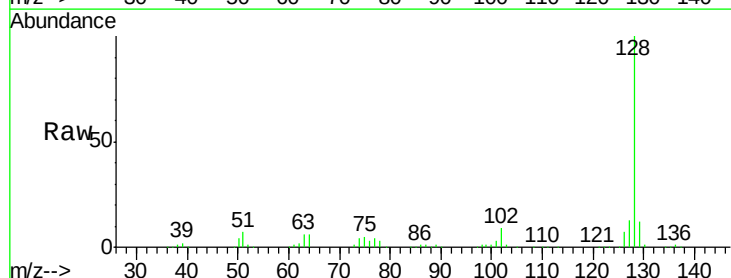


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

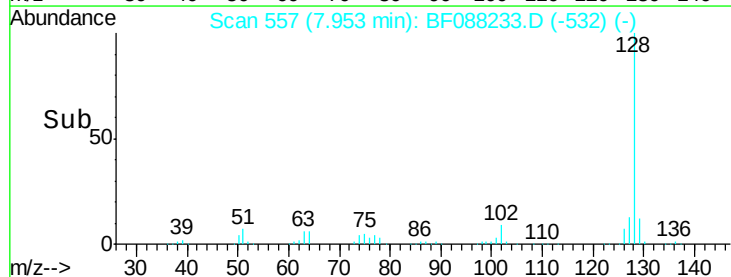
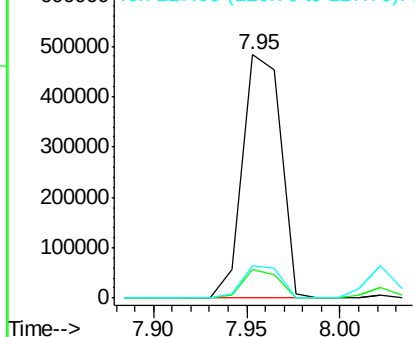


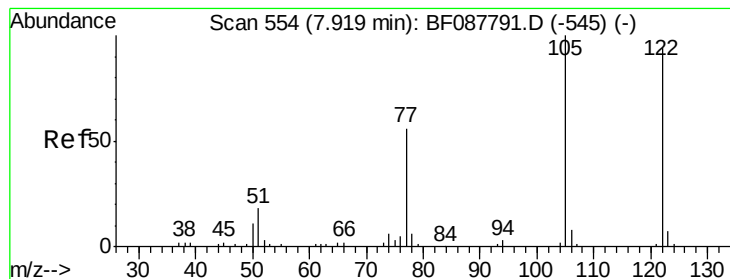
#31
 Naphthalene
 Concen: 41.60 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Tgt Ion:128 Resp: 687824
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.4 14.2
 127 13.2 10.9 16.3



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: 38.90 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB91471BS

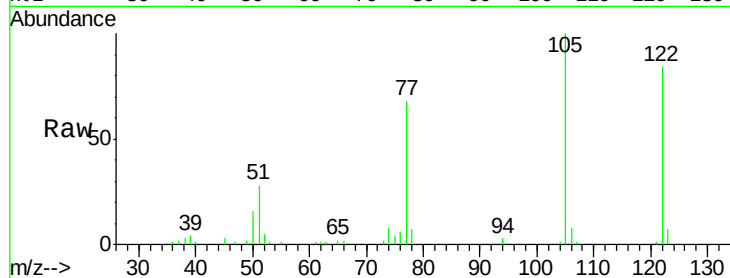
Tgt Ion:122 Resp: 117083

Ion Ratio Lower Upper

122 100

105 118.7 101.6 141.6

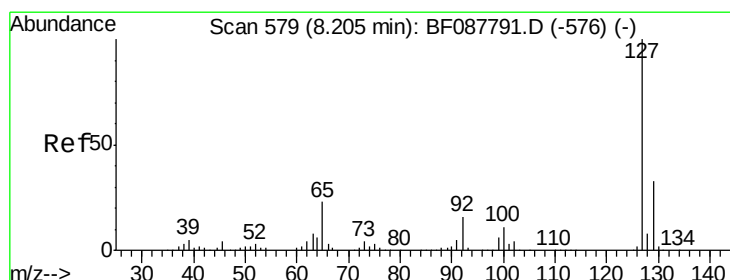
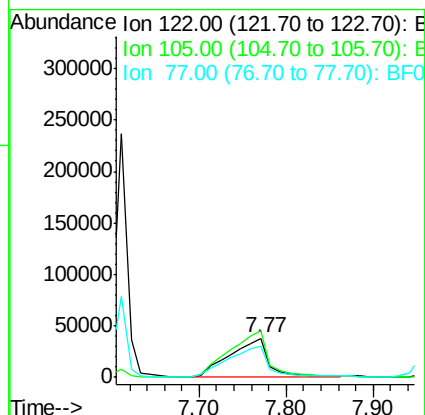
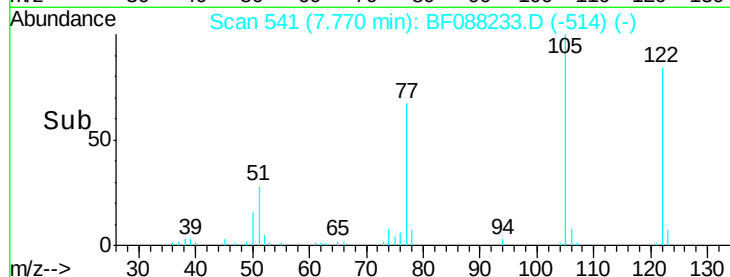
77 80.7 70.6 110.6



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: 11.53 ng

RT: 8.02 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Tgt Ion:127 Resp: 85155

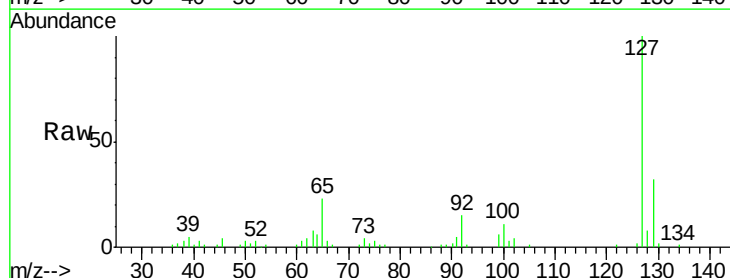
Ion Ratio Lower Upper

127 100

129 32.1 26.3 39.5

65 22.6 24.7 37.1#

92 15.5 15.4 23.0

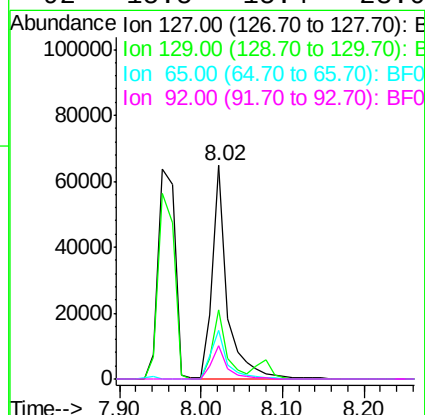
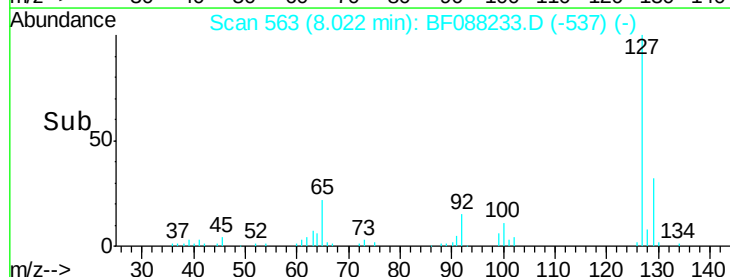


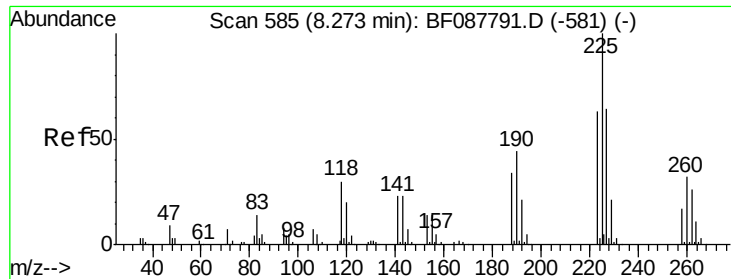
Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.51 ng

RT: 8.08 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB91471BS

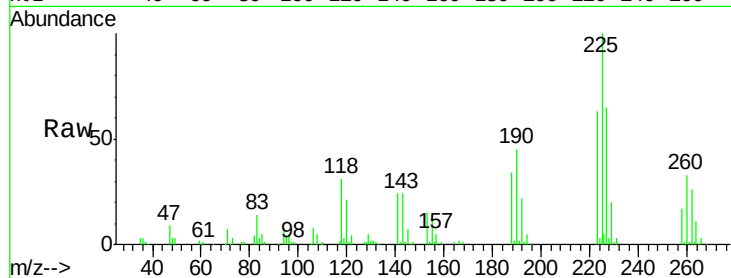
Tgt Ion:225 Resp: 111416

Ion Ratio Lower Upper

225 100

223 63.1 50.9 76.3

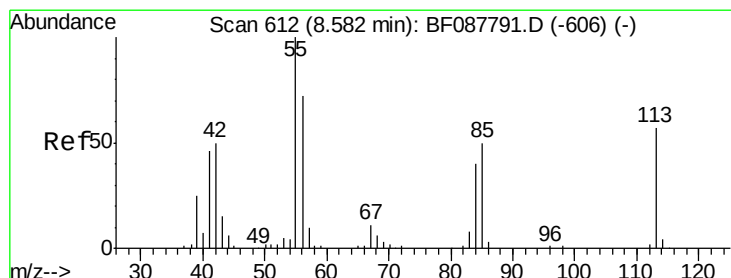
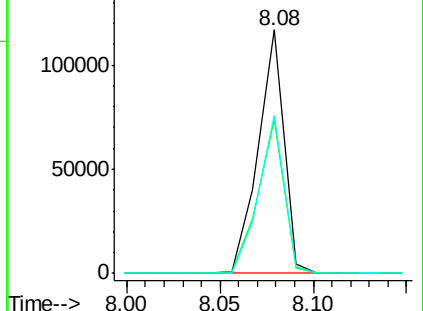
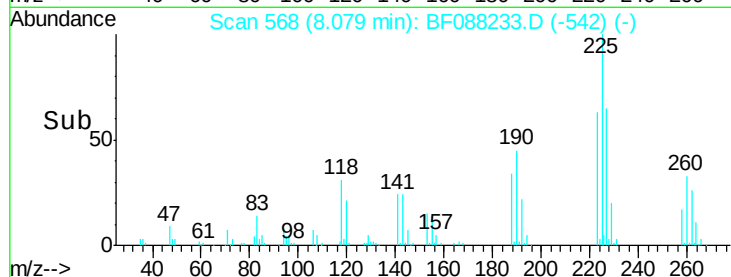
227 64.6 51.9 77.9



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: 29.76 ng

RT: 8.40 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

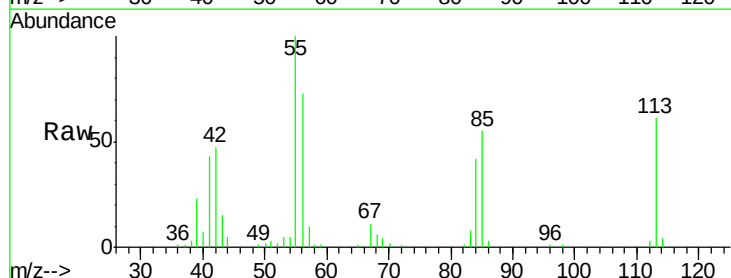
Tgt Ion:113 Resp: 44990

Ion Ratio Lower Upper

113 100

55 163.8 158.6 198.6

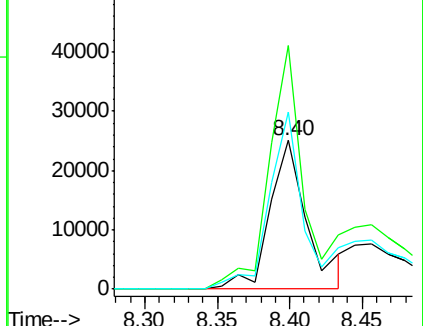
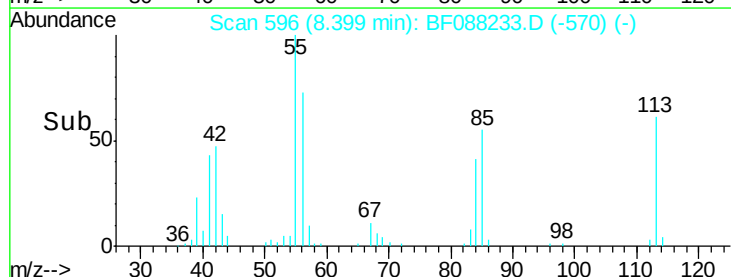
56 118.9 110.6 150.6

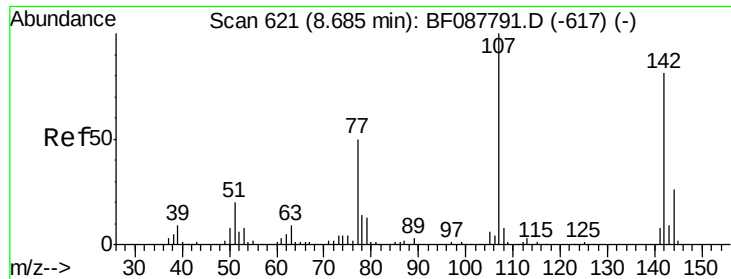


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

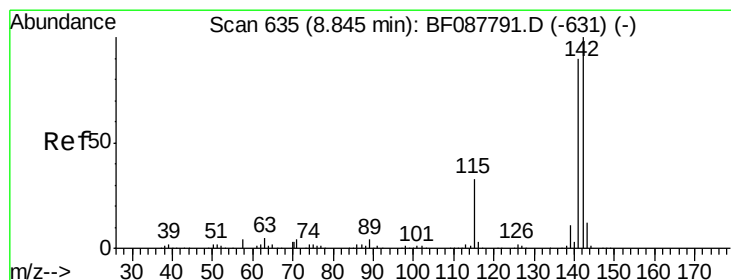
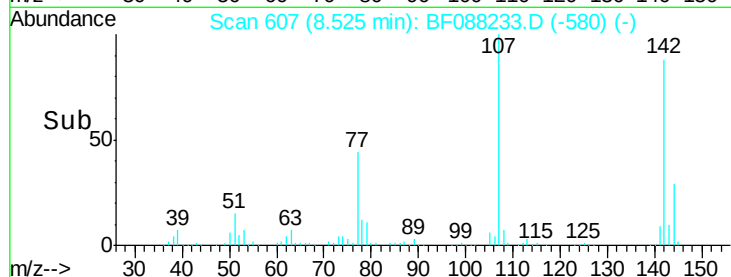
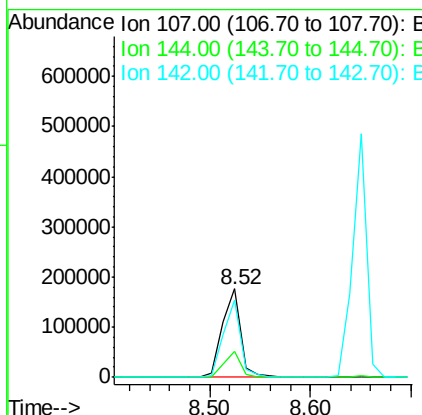
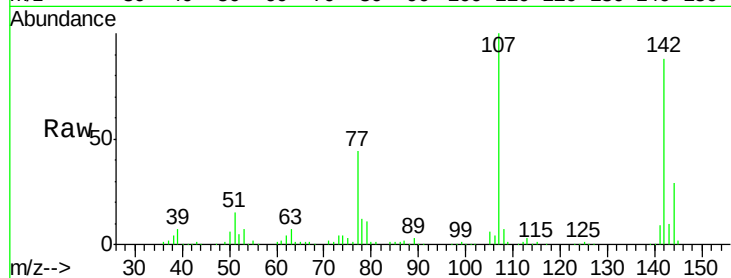




#36
 4-Chloro-3-methylphenol
 Concen: 45.47 ng
 RT: 8.52 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

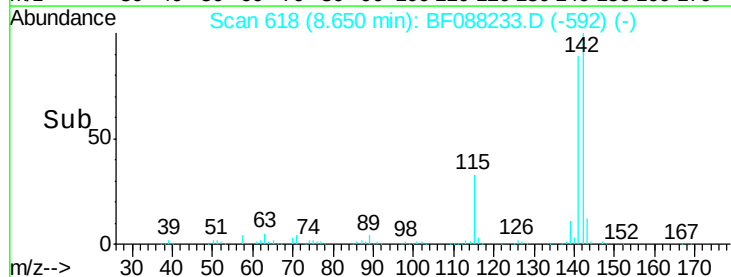
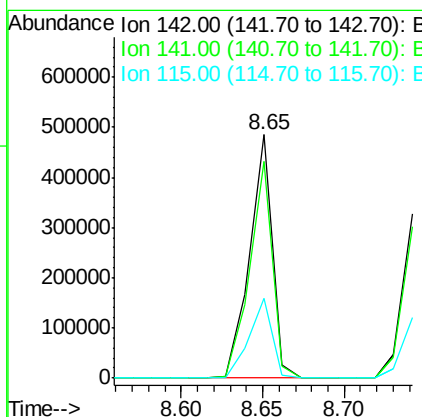
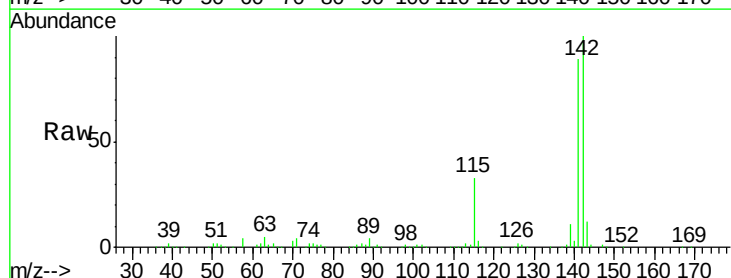
Instrument :
 BNA_F
 ClientSampleId :
 PB91471BS

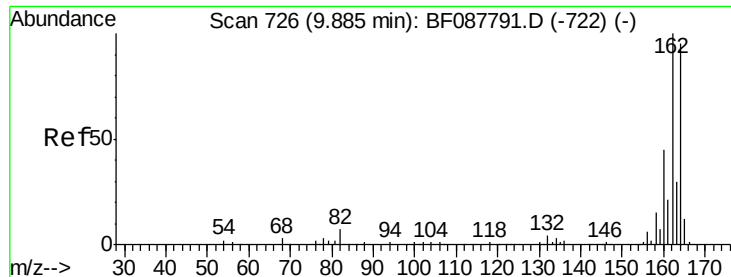
Tgt Ion:107 Resp: 221957
 Ion Ratio Lower Upper
 107 100
 144 28.8 20.8 31.2
 142 87.8 63.4 95.2



#37
 2-Methylnaphthalene
 Concen: 43.01 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Tgt Ion:142 Resp: 468721
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.0 106.6
 115 33.0 22.6 33.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB91471BS

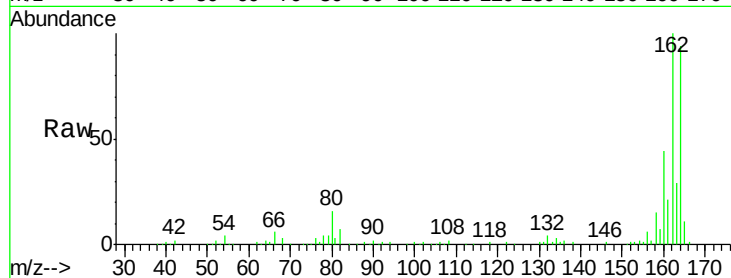
Tgt Ion:164 Resp: 157742

Ion Ratio Lower Upper

164 100

162 106.9 85.4 128.2

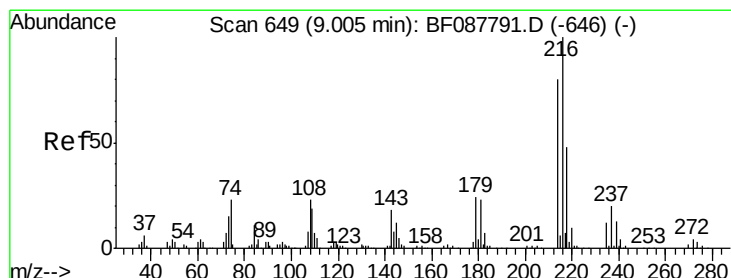
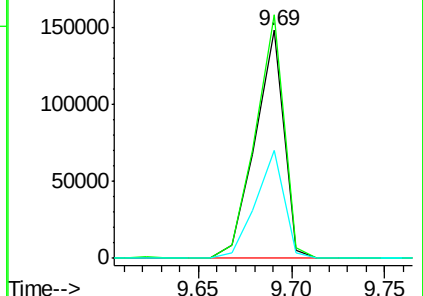
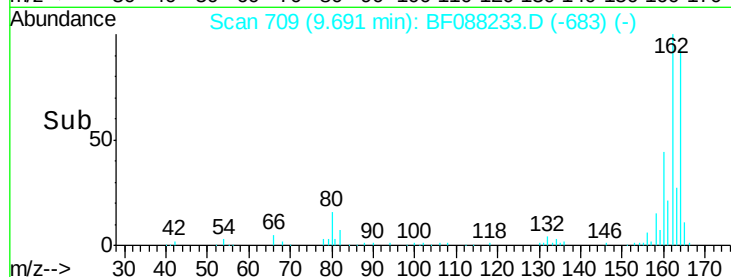
160 47.3 39.5 59.3



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: 49.32 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Tgt Ion:216 Resp: 195902

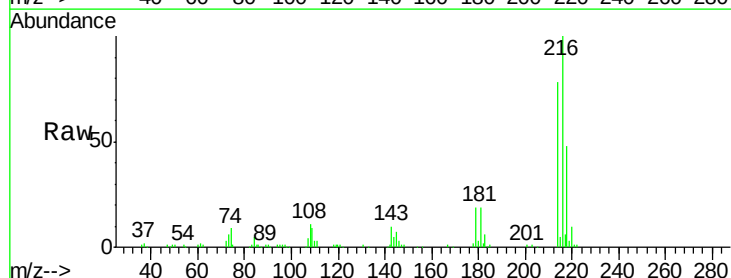
Ion Ratio Lower Upper

216 100

214 78.2 2.9 4.3#

179 21.8 0.0 0.0#

108 20.1 0.5 0.7#

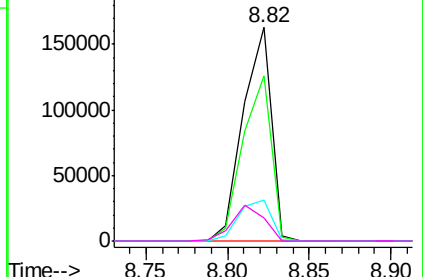
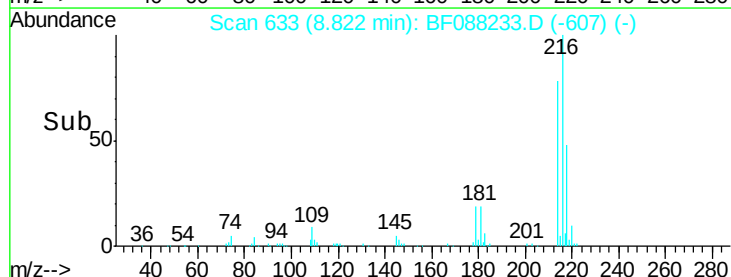


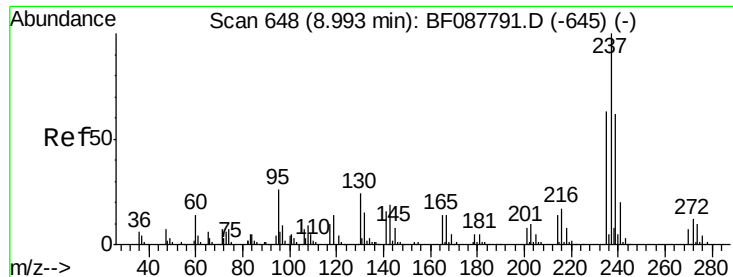
Abundance Ion 216.00 (215.70 to 216.70): E

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

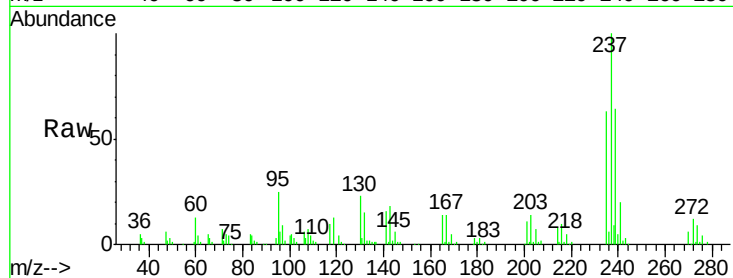




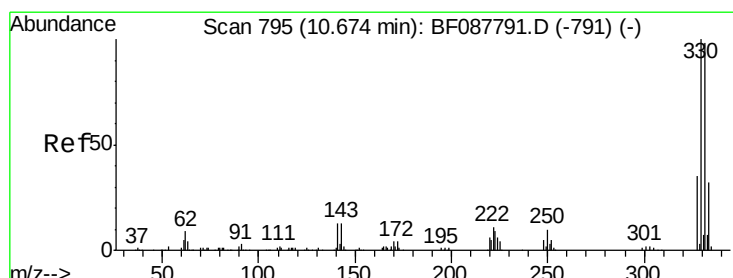
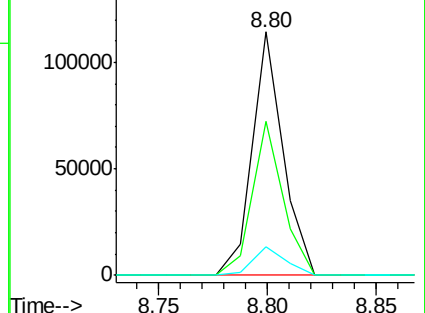
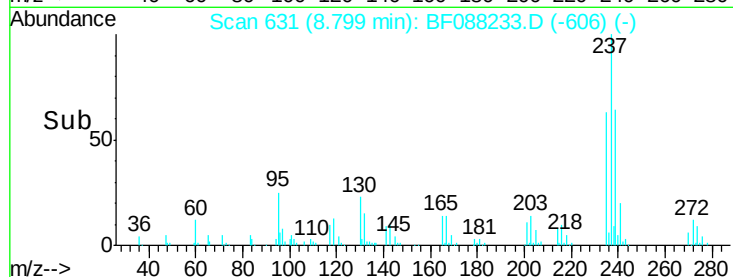
#40
Hexachlorocyclopentadiene
Concen: 44.20 ng
RT: 8.80 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tgt Ion: 237 Resp: 112471
Ion Ratio Lower Upper
237 100
235 63.0 43.4 83.4
272 11.8 0.0 32.3

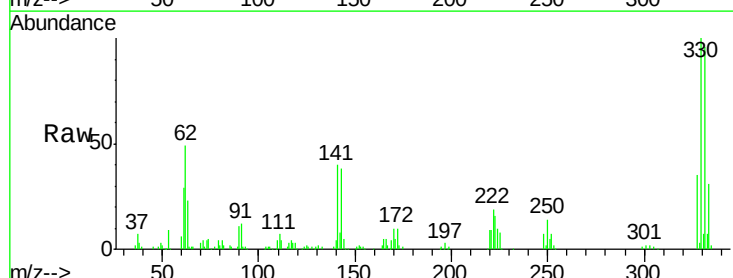


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

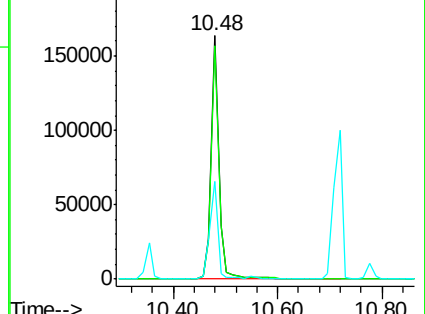
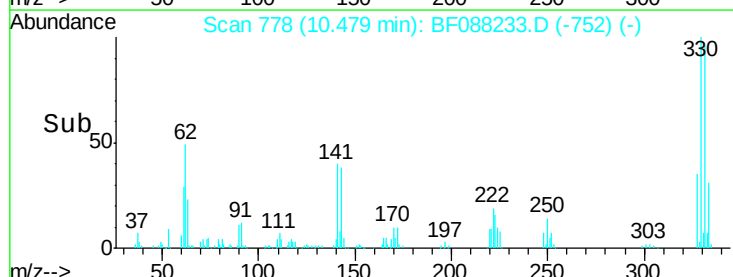


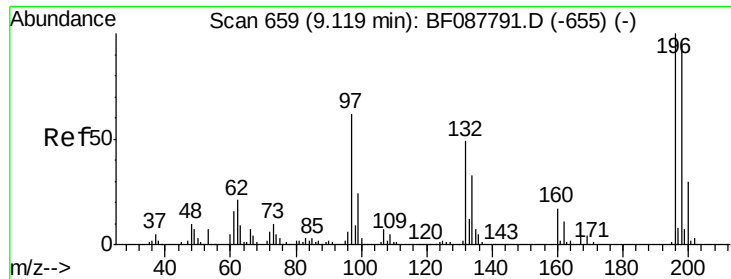
#41
2,4,6-Tribromophenol
Concen: 102.21 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion: 330 Resp: 170235
Ion Ratio Lower Upper
330 100
332 96.8 0.0 0.0#
141 40.9 0.0 0.0#



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

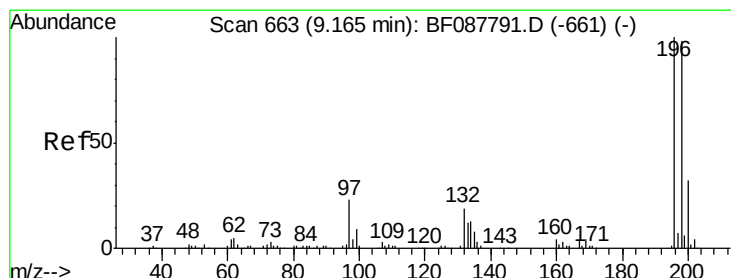
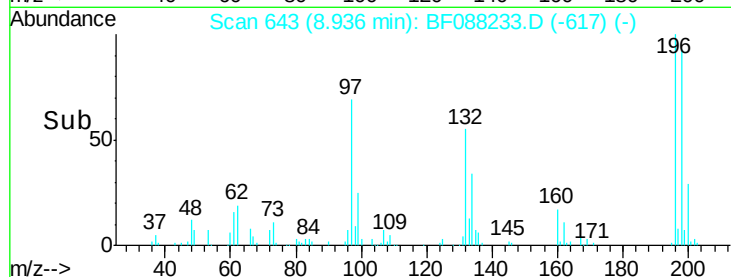
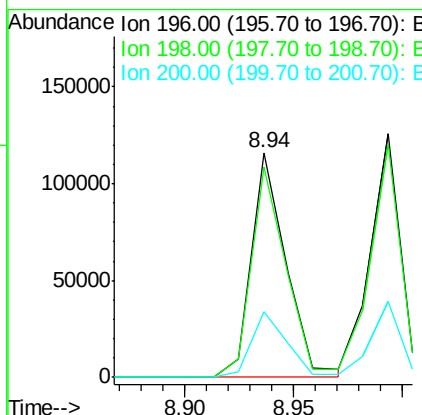
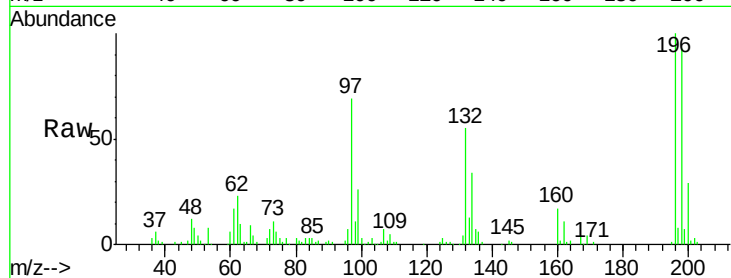




#42
 2,4,6-Trichlorophenol
 Concen: 40.91 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

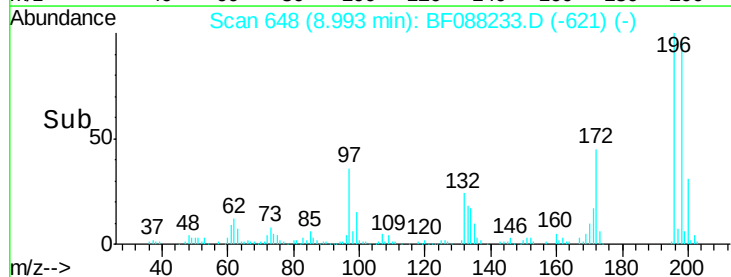
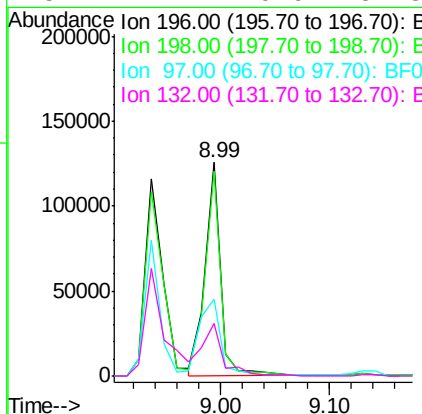
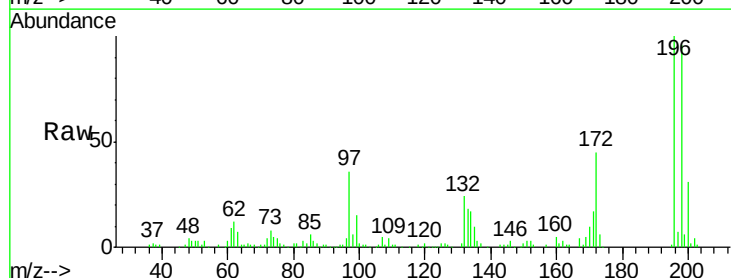
Instrument :
 BNA_F
 ClientSampled :
 PB91471BS

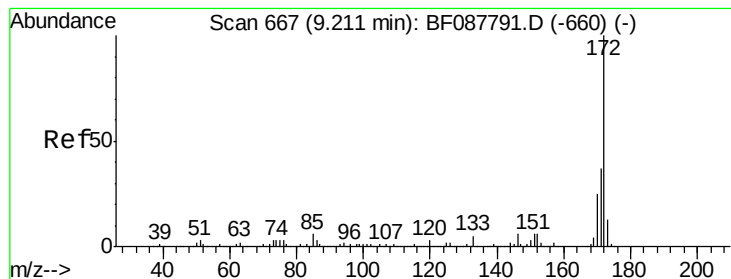
Tgt Ion:196 Resp: 129051
 Ion Ratio Lower Upper
 196 100
 198 93.3 78.0 117.0
 200 29.0 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 38.63 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.01 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Tgt Ion:196 Resp: 126785
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.5 116.3
 97 36.2 32.0 48.0
 132 24.4 20.9 31.3





#44

2-Fluorobiphenyl

Concen: 81.94 ng

RT: 9.02 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB91471BS

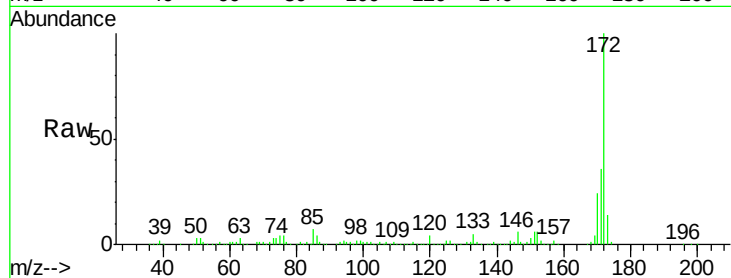
Tgt Ion:172 Resp: 824795

Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

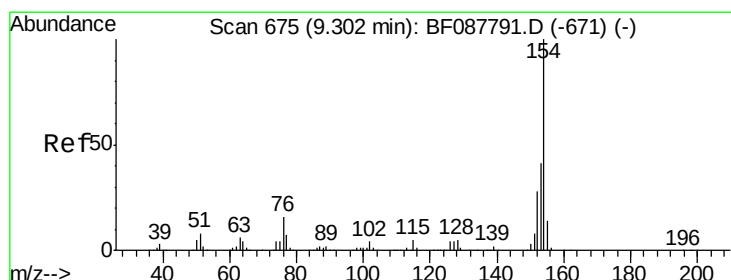
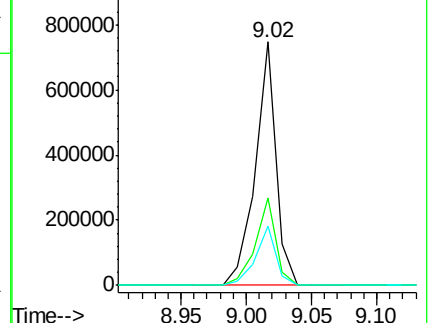
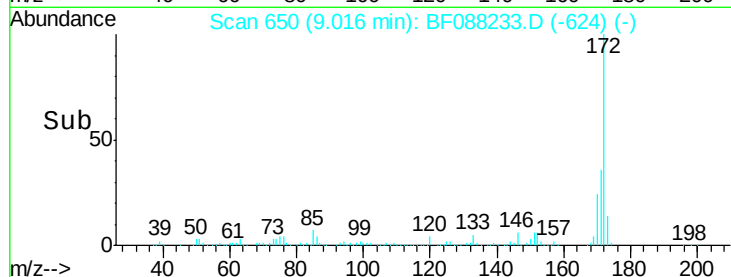
170 24.4 19.2 28.8



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: 49.69 ng

RT: 9.12 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

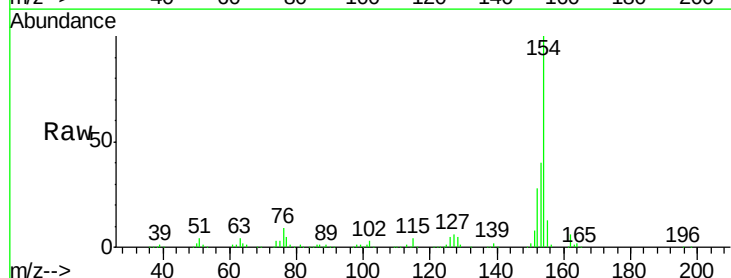
Tgt Ion:154 Resp: 580700

Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

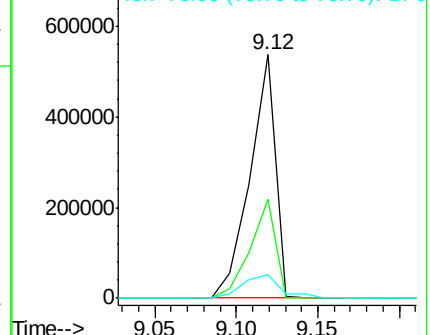
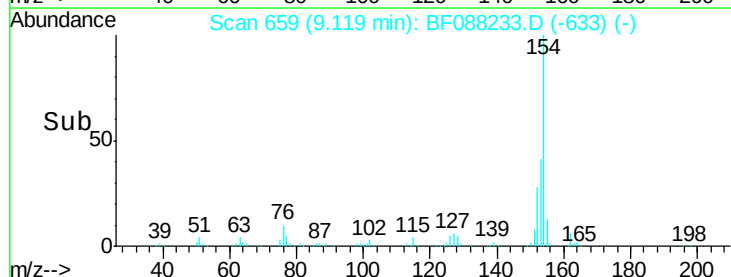
76 9.5 0.0 35.1

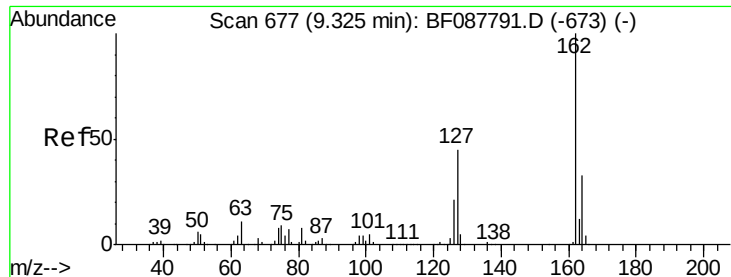


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

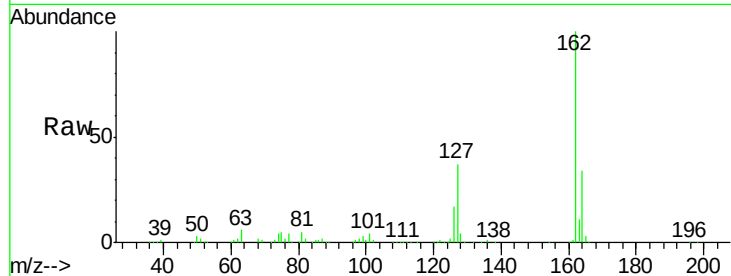




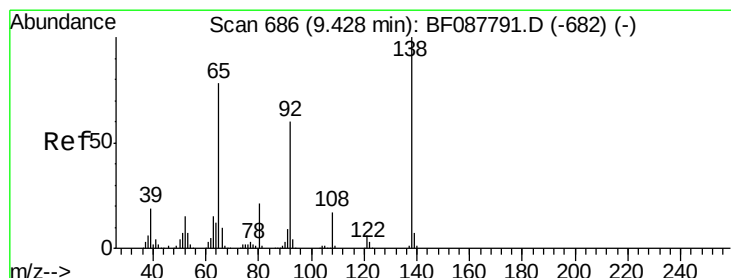
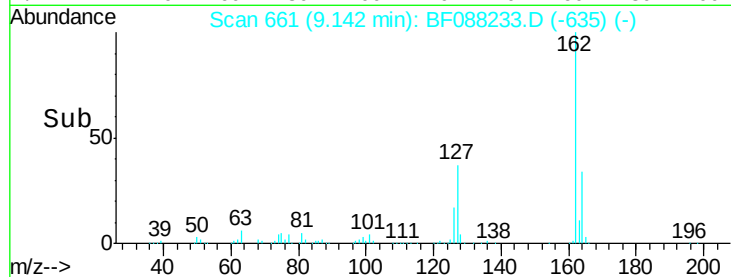
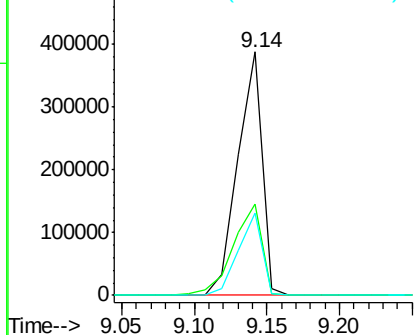
#46
 2-Chloronaphthalene
 Concen: 44.10 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB91471BS

Tgt Ion: 162 Resp: 450176
 Ion Ratio Lower Upper
 162 100
 127 37.3 35.2 52.8
 164 33.7 26.6 39.8

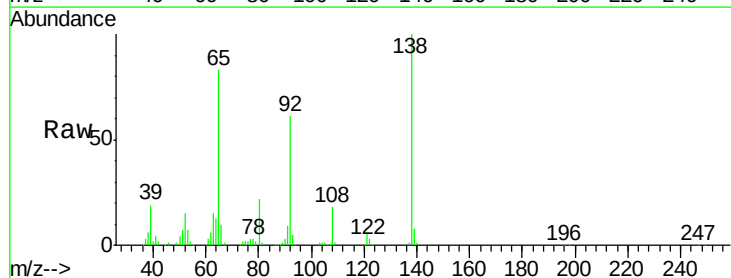


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

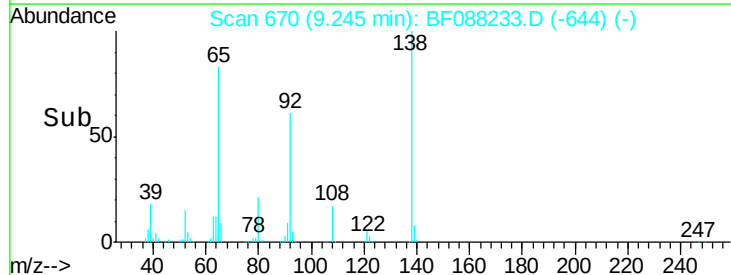
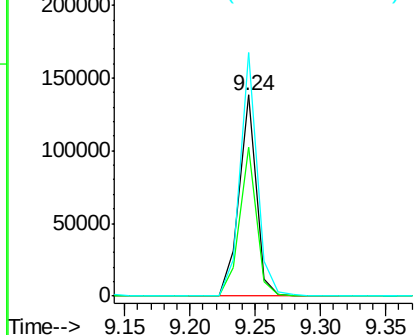


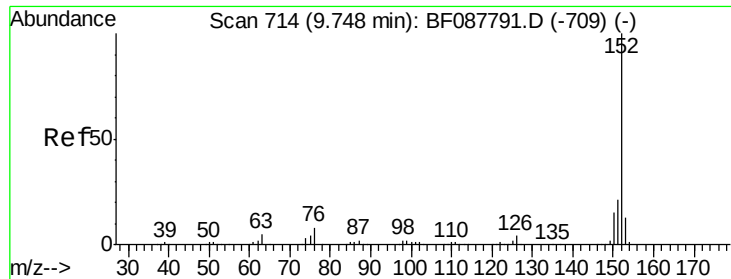
#47
 2-Nitroaniline
 Concen: 41.86 ng
 RT: 9.24 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Tgt Ion: 65 Resp: 126043
 Ion Ratio Lower Upper
 65 100
 92 74.1 54.6 82.0
 138 120.9 77.0 115.4#



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





#48

Acenaphthylene

Concen: 43.56 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB91471BS

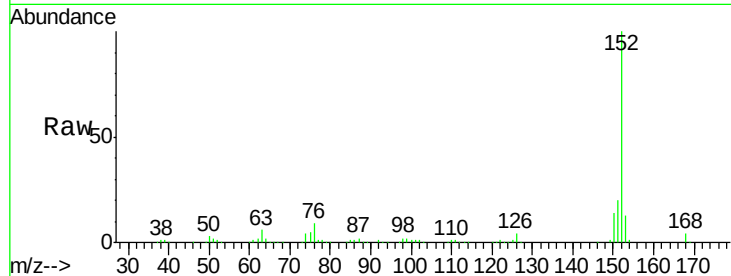
Tgt Ion:152 Resp: 707188

Ion Ratio Lower Upper

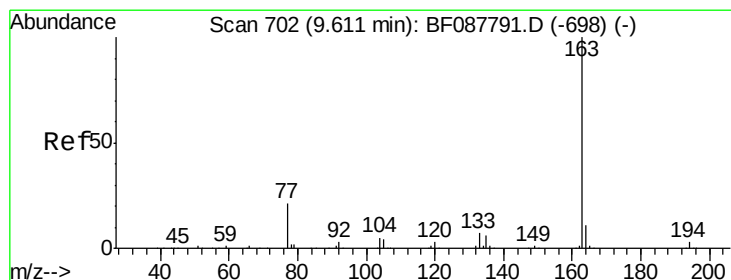
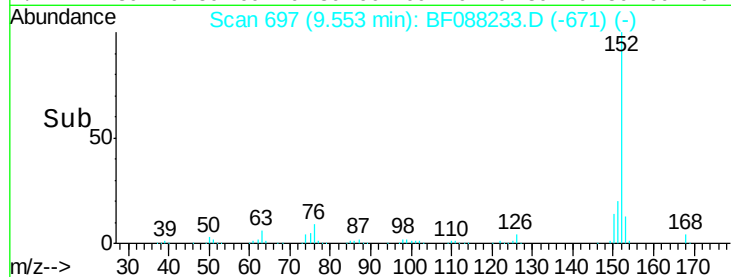
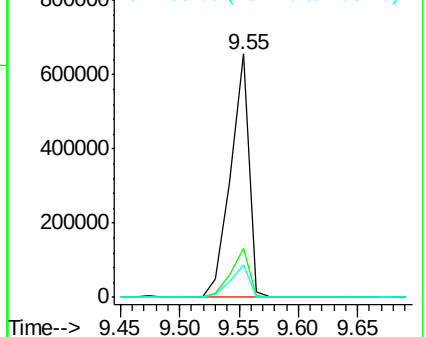
152 100

151 20.2 16.2 24.4

153 13.1 11.0 16.6



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



#49

Dimethylphthalate

Concen: 44.95 ng

RT: 9.43 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

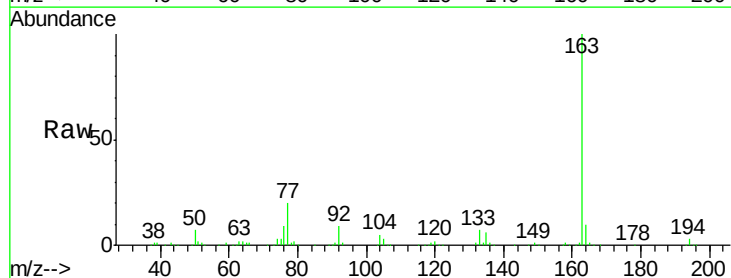
Tgt Ion:163 Resp: 513668

Ion Ratio Lower Upper

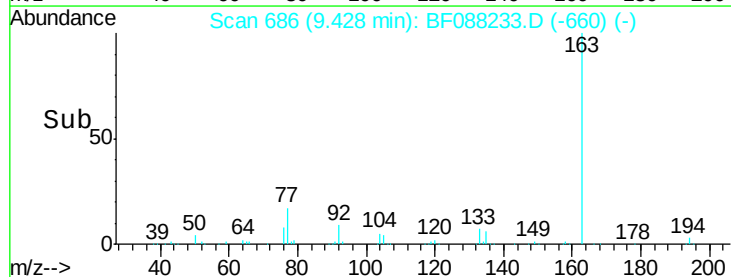
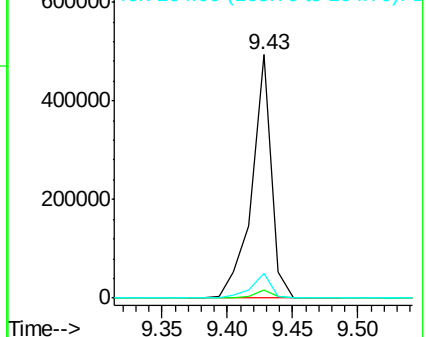
163 100

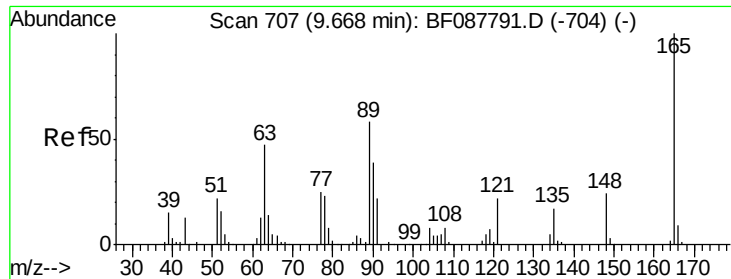
194 3.3 2.8 4.2

164 10.2 8.3 12.5



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

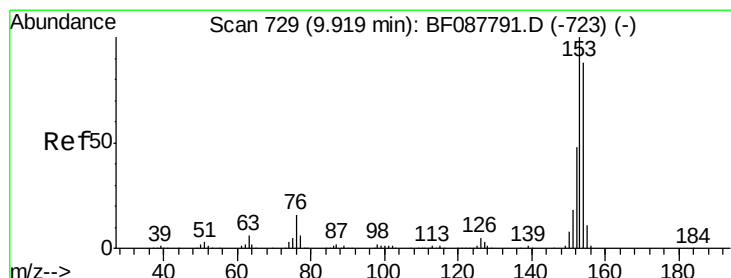
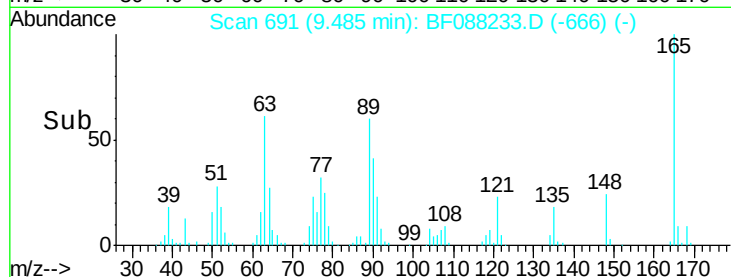
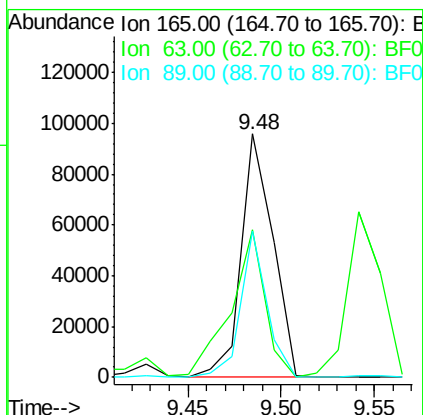
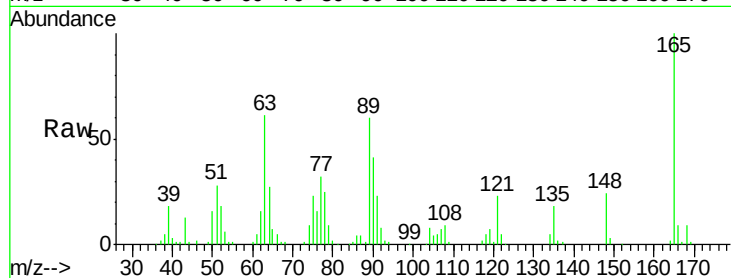




#50
 2,6-Dinitrotoluene
 Concen: 43.11 ng
 RT: 9.48 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

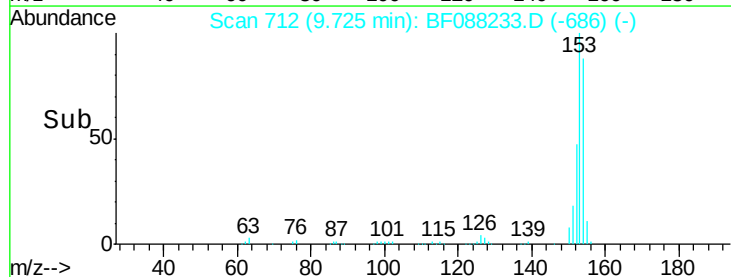
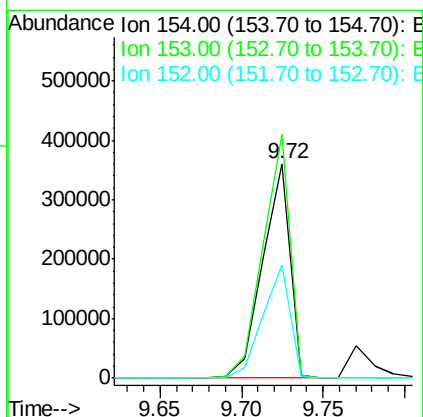
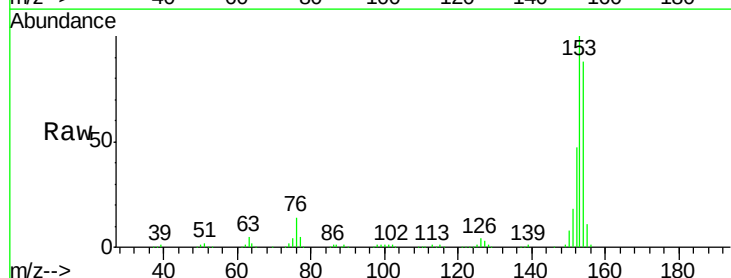
Instrument :
 BNA_F
 ClientSampleId :
 PB91471BS

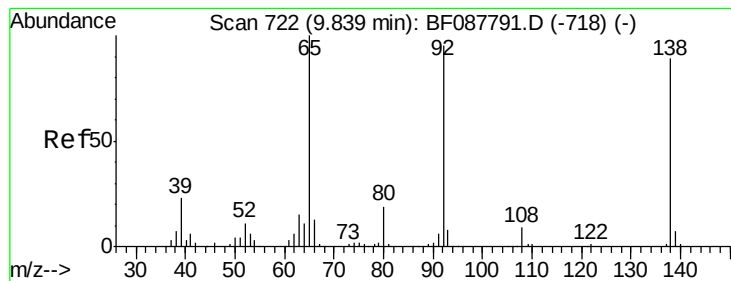
Tgt Ion:165 Resp: 112802
 Ion Ratio Lower Upper
 165 100
 63 60.7 28.1 42.1#
 89 60.3 32.2 48.2#



#51
 Acenaphthene
 Concen: 41.36 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Tgt Ion:154 Resp: 418939
 Ion Ratio Lower Upper
 154 100
 153 113.5 89.5 134.3
 152 52.8 42.7 64.1





#52

3-Nitroaniline

Concen: 19.69 ng

RT: 9.66 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB91471BS

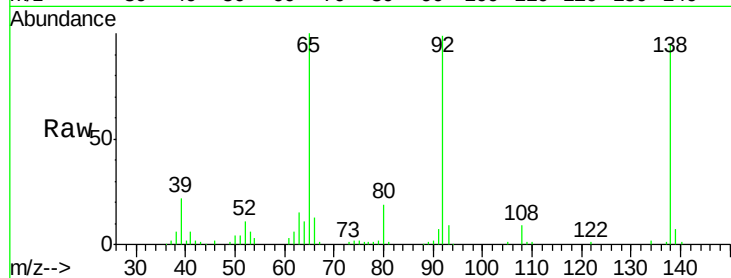
Tgt Ion:138 Resp: 59466

Ion Ratio Lower Upper

138 100

108 9.6 8.5 12.7

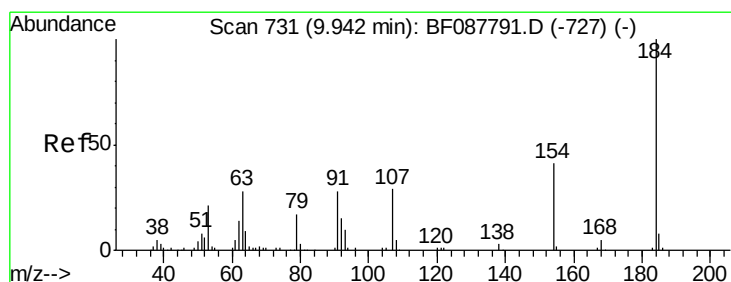
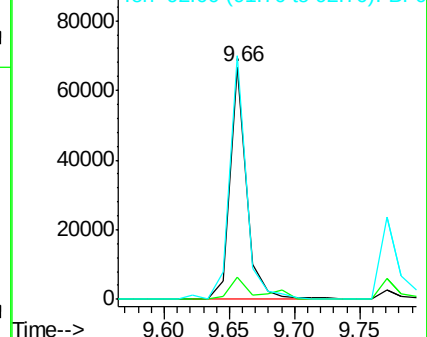
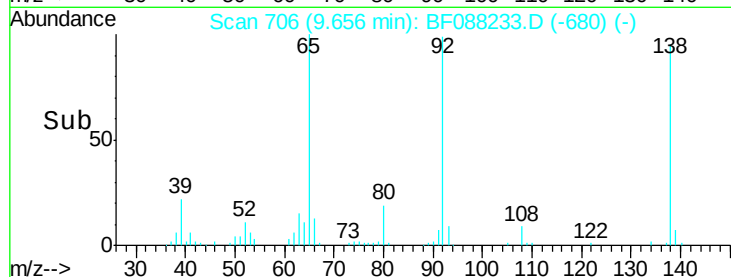
92 104.9 95.7 143.5



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: 71.10 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

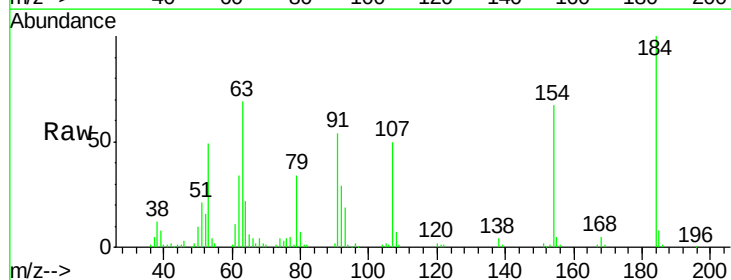
Tgt Ion:184 Resp: 98974

Ion Ratio Lower Upper

184 100

63 69.4 57.6 86.4

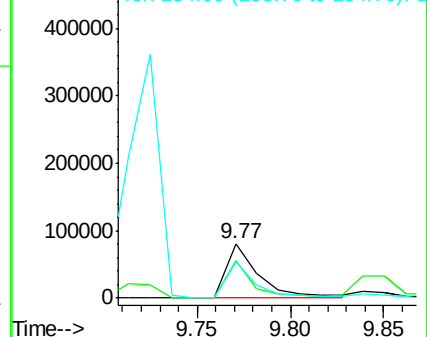
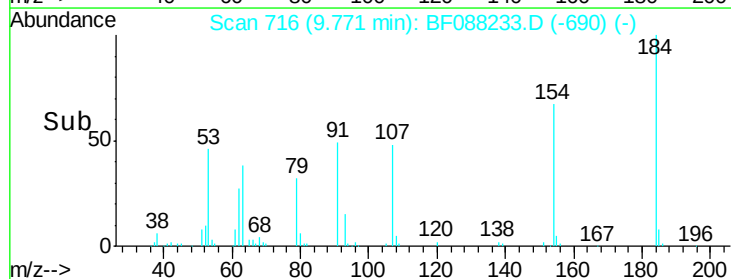
154 67.0 53.5 80.3

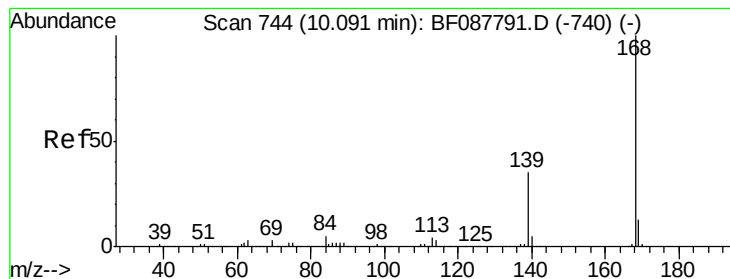


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 41.09 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB91471BS

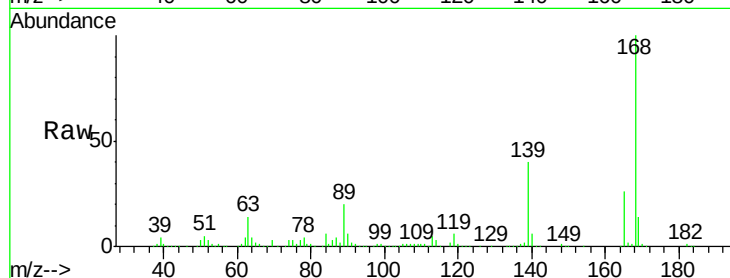
Tgt Ion:168 Resp: 573121

Ion Ratio Lower Upper

168 100

139 40.0 26.4 39.6#

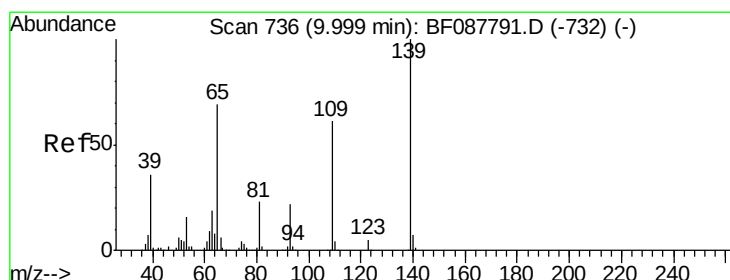
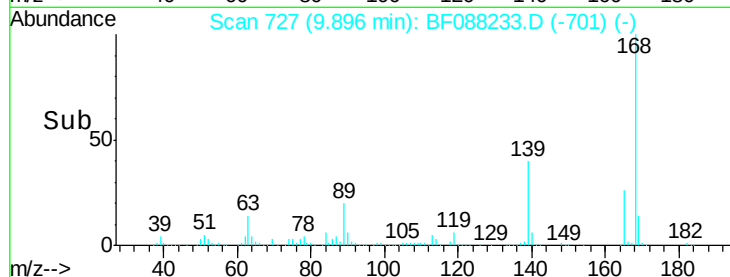
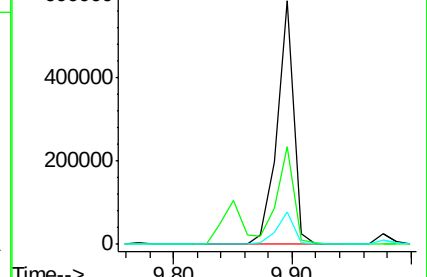
169 13.6 10.4 15.6



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: 58.02 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

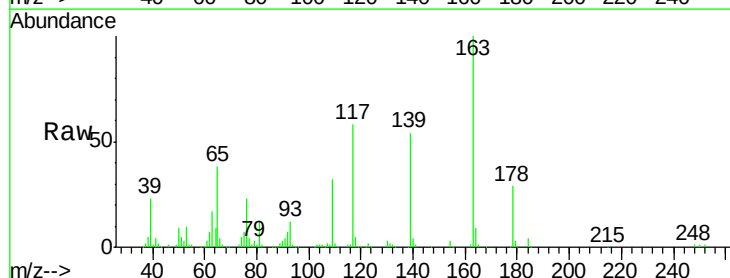
Tgt Ion:139 Resp: 135980

Ion Ratio Lower Upper

139 100

109 59.6 48.9 88.9

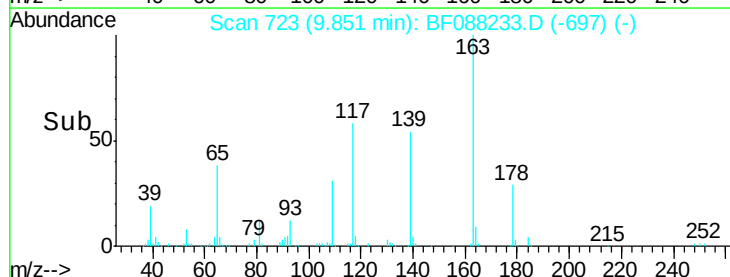
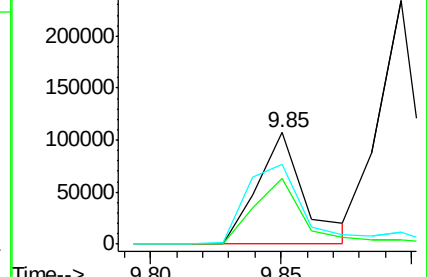
65 71.3 84.9 124.9#

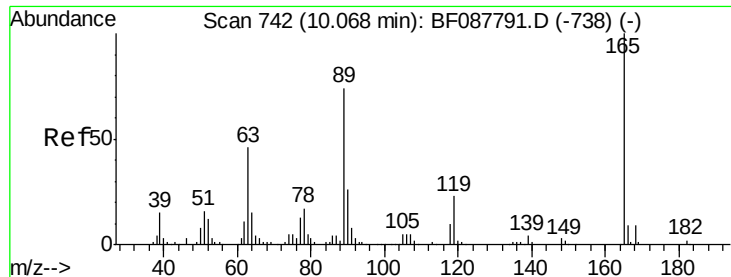


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 42.15 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB91471BS

Tgt Ion:165 Resp: 141760

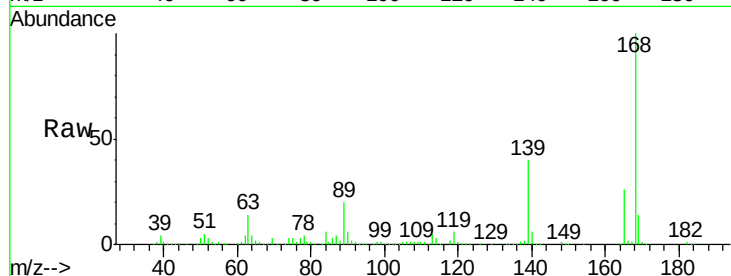
Ion Ratio Lower Upper

165 100

63 52.1 22.0 33.0#

89 74.8 41.1 61.7#

182 2.4 2.0 3.0

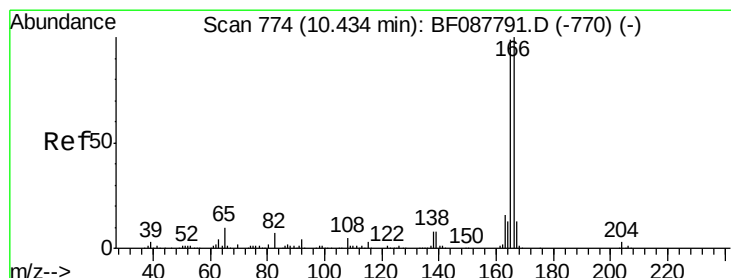
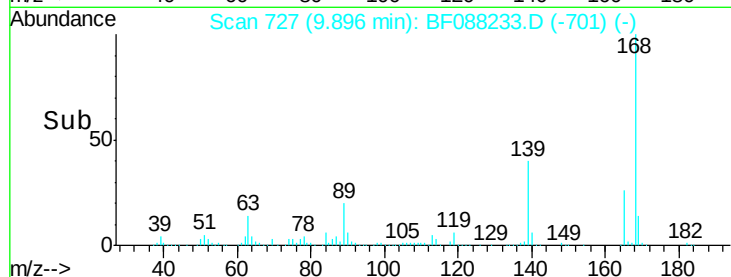
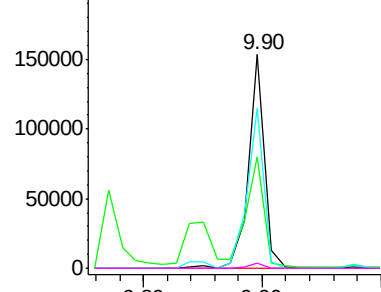


Abundance Ion 165.00 (164.70 to 165.70): E

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: 51.45 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

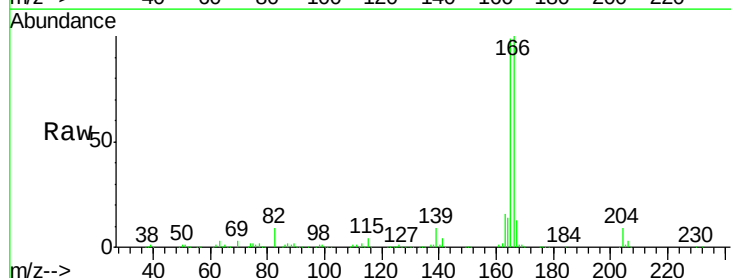
Tgt Ion:166 Resp: 478467

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.8

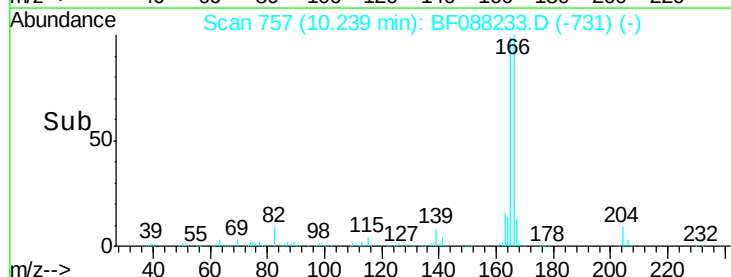
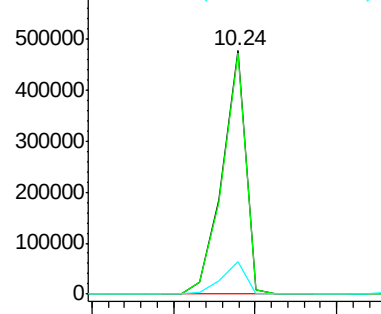
167 13.4 11.2 16.8

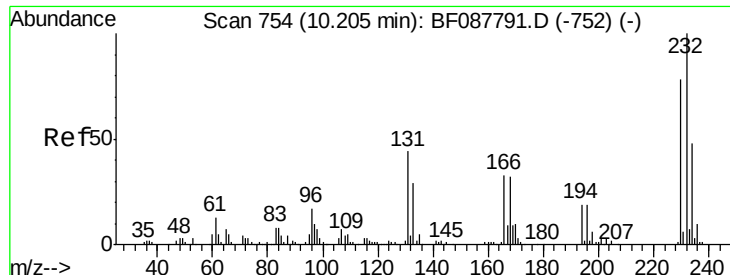


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

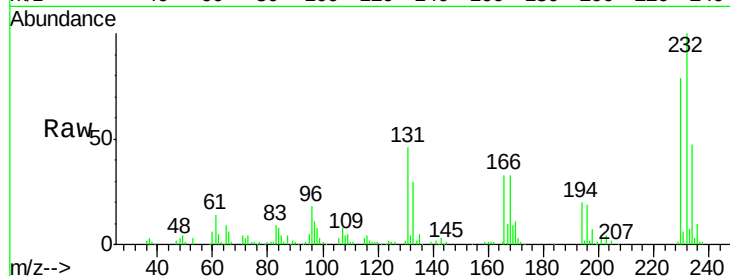




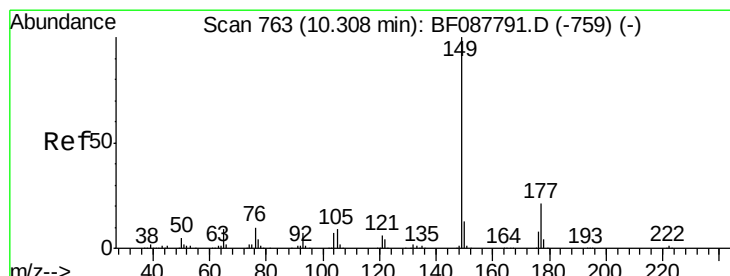
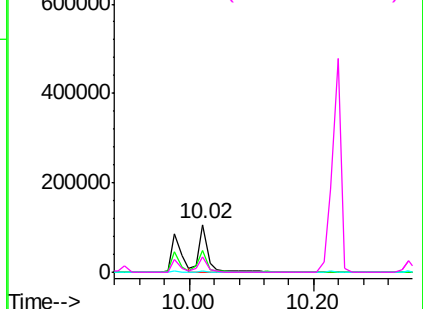
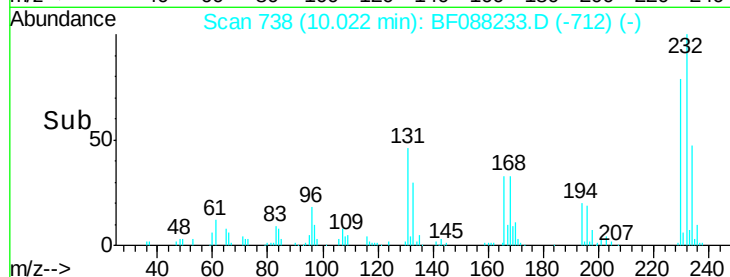
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.05 ng
 RT: 10.02 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB91471BS

Tgt Ion: 232 Resp: 113604
 Ion Ratio Lower Upper
 232 100
 131 46.9 0.9 1.3#
 130 2.2 1.5 2.3
 166 30.7 0.5 0.7#

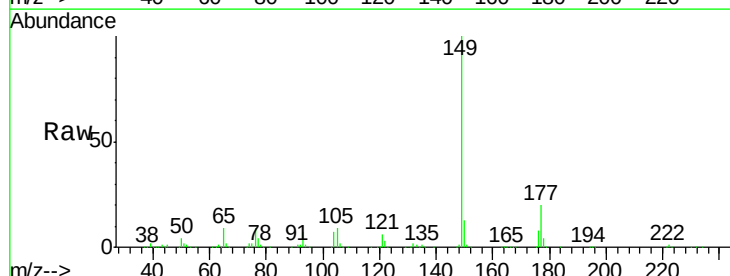


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

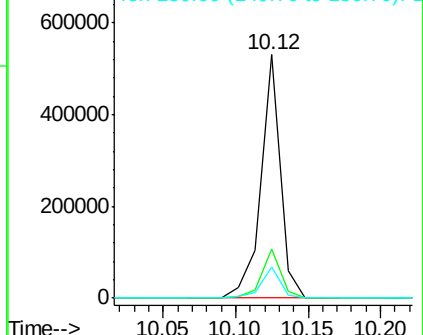
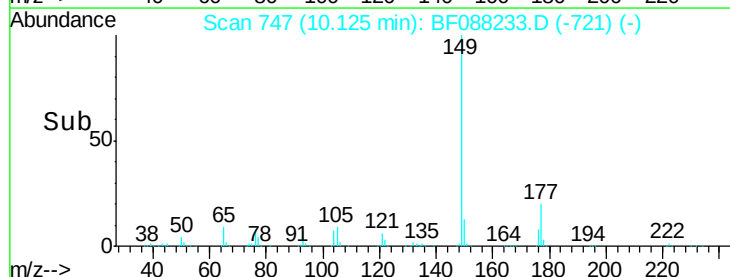


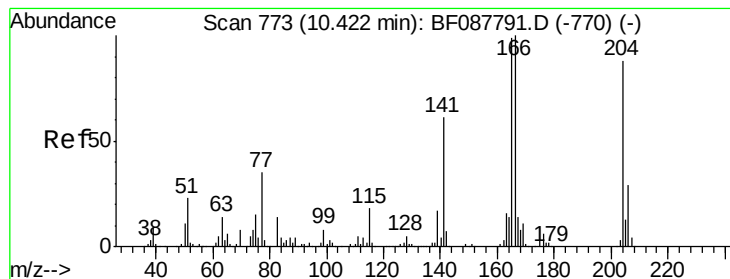
#59
 Diethylphthalate
 Concen: 42.79 ng
 RT: 10.12 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Tgt Ion: 149 Resp: 494950
 Ion Ratio Lower Upper
 149 100
 177 20.1 16.9 25.3
 150 12.6 10.1 15.1



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: 40.26 ng

RT: 10.23 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB91471BS

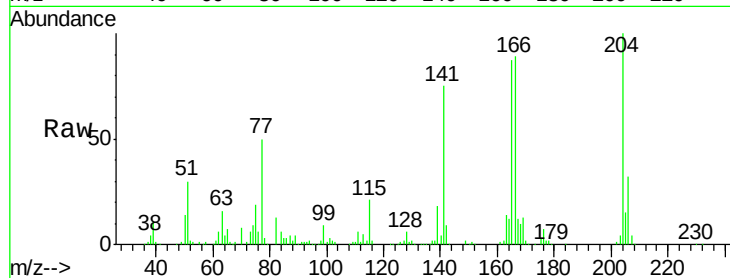
Tgt Ion:204 Resp: 186750

Ion Ratio Lower Upper

204 100

206 32.5 26.3 39.5

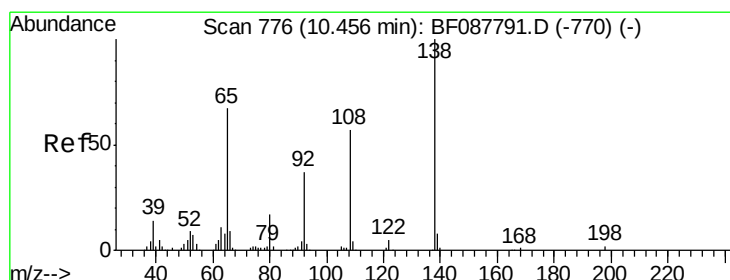
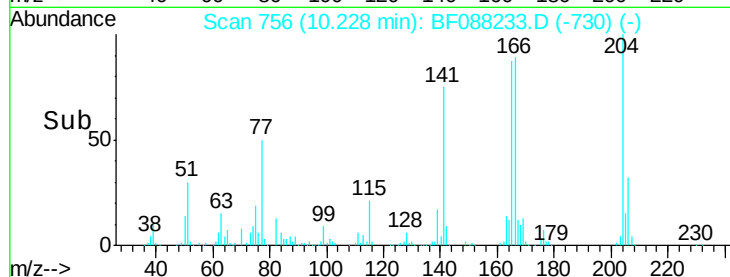
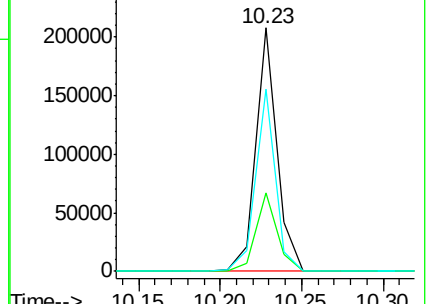
141 74.6 55.0 82.6



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: 38.36 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

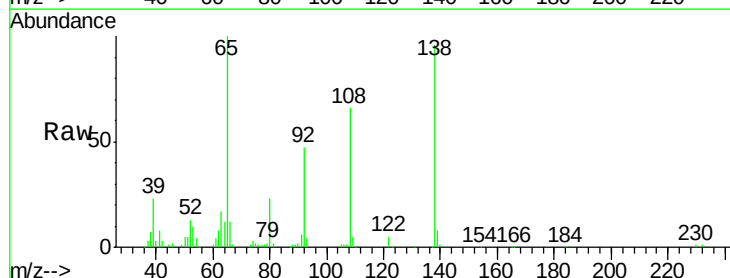
Tgt Ion:138 Resp: 109864

Ion Ratio Lower Upper

138 100

92 49.2 27.3 67.3

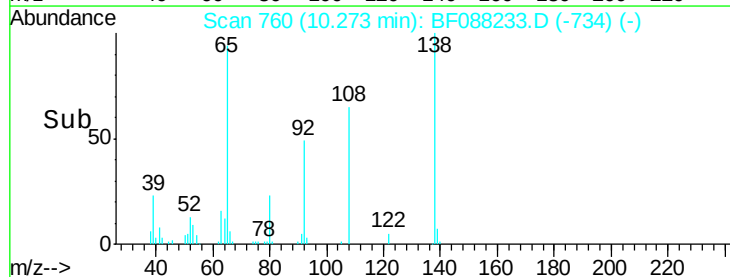
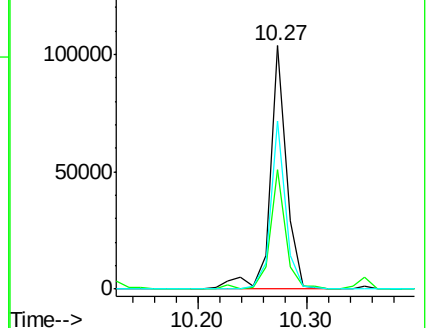
108 69.2 46.7 86.7

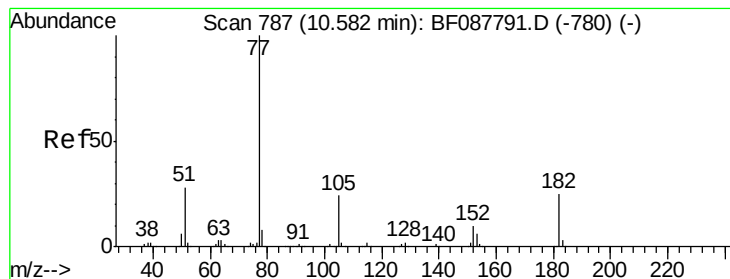


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 43.53 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB91471BS

Tgt Ion: 77 Resp: 497841

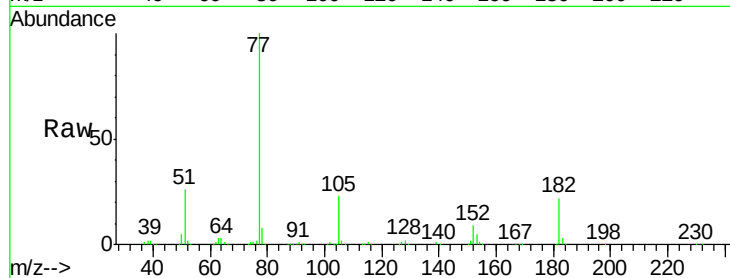
Ion Ratio Lower Upper

77 100

182 21.7 4.4 44.4

105 23.4 3.8 43.8

51 25.6 9.3 49.3

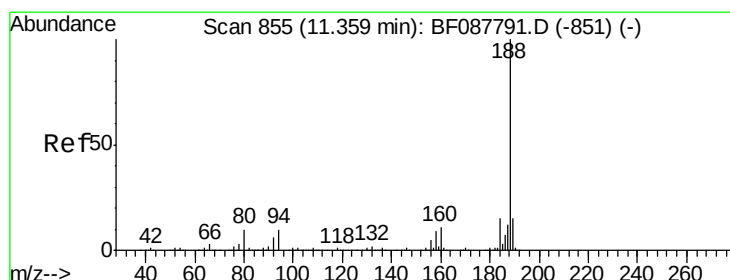
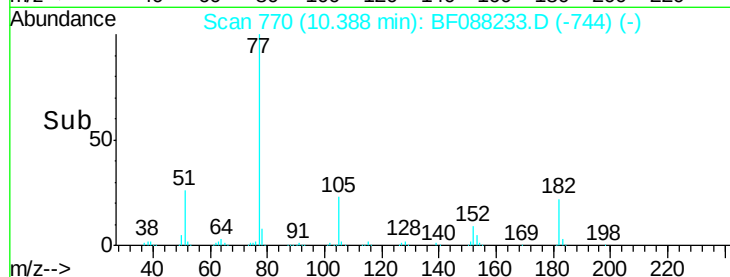
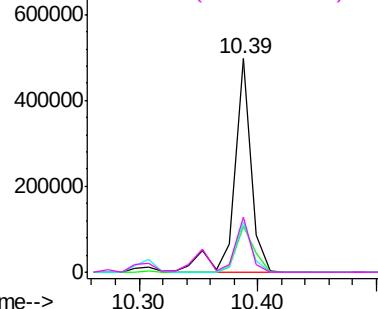


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.16 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

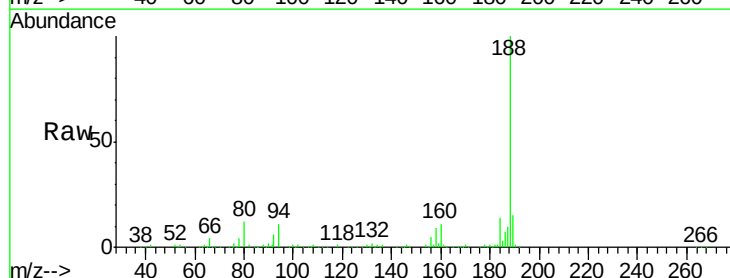
Tgt Ion: 188 Resp: 290521

Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.6

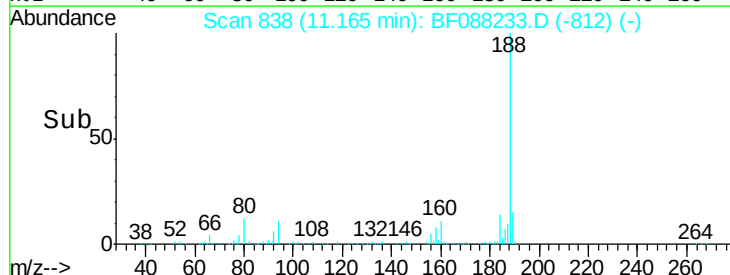
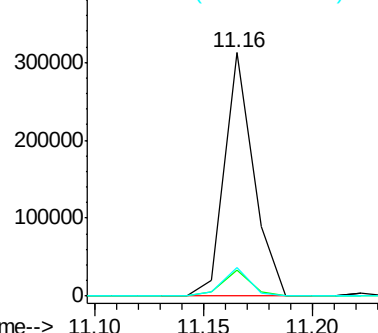
80 11.7 10.0 15.0

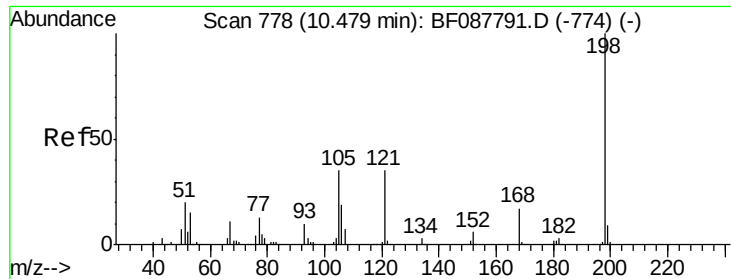


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

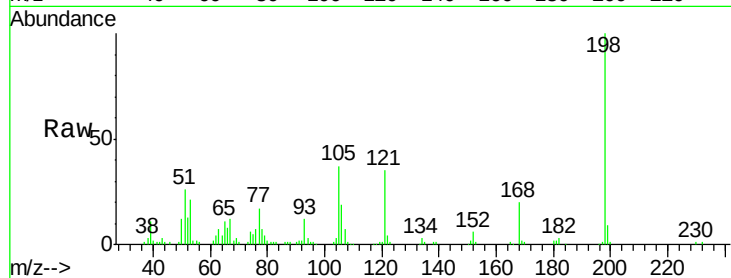




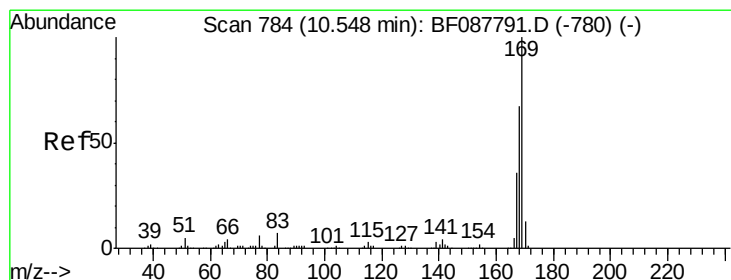
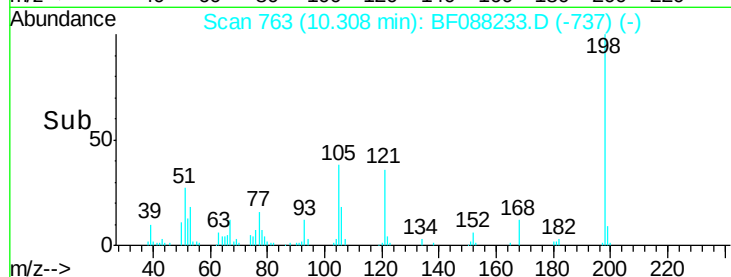
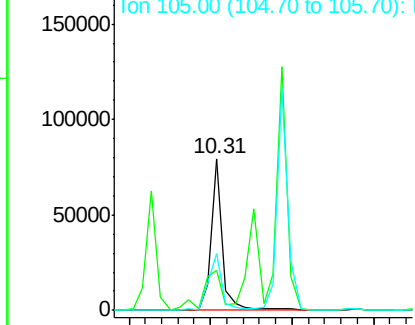
#64
4,6-Dinitro-2-methylphenol
Concen: 43.31 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tgt Ion:198 Resp: 78152
Ion Ratio Lower Upper
198 100
51 26.2 39.6 79.6#
105 37.0 36.6 76.6

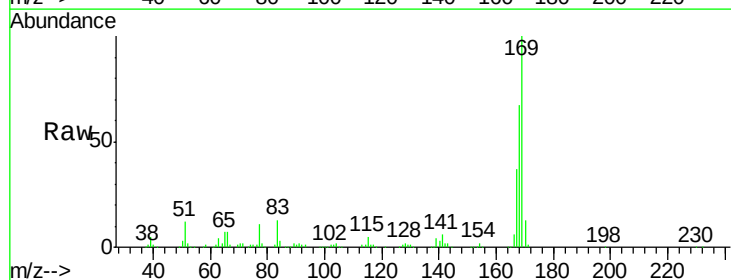


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

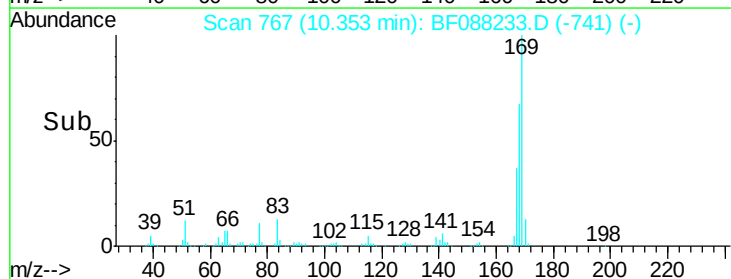
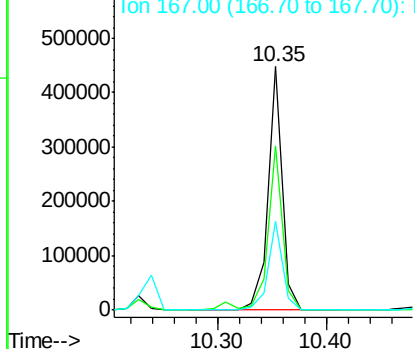


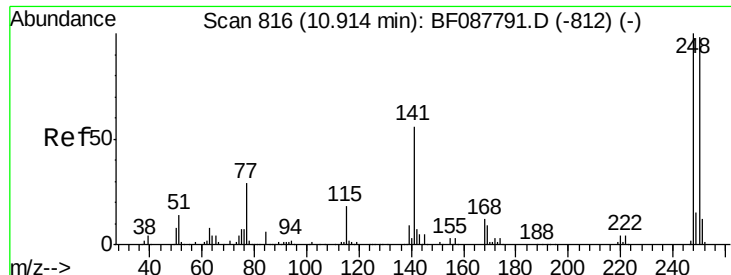
#65
n-Nitrosodiphenylamine
Concen: 42.55 ng
RT: 10.35 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion:169 Resp: 410167
Ion Ratio Lower Upper
169 100
168 67.4 53.4 80.0
167 36.6 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

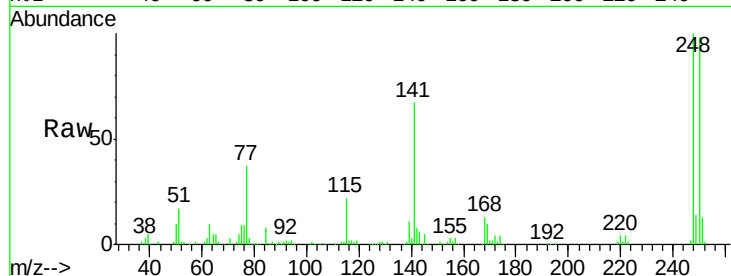




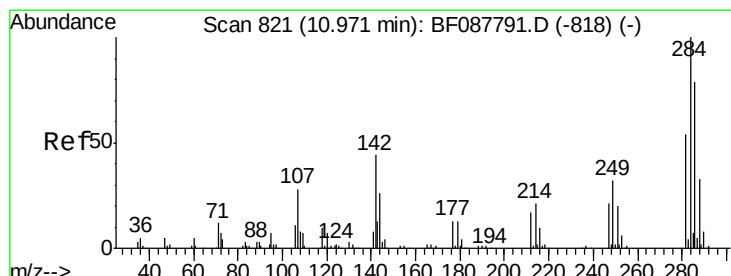
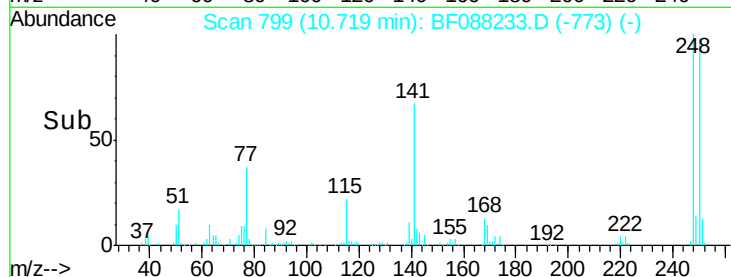
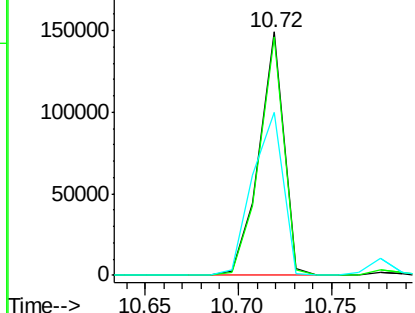
#66
 4-Bromophenyl-phenylether
 Concen: 43.83 ng
 RT: 10.72 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Instrument :
 BNA_F
 ClientSampleId :
 PB91471BS

Tgt Ion:248 Resp: 136609
 Ion Ratio Lower Upper
 248 100
 250 97.8 77.1 115.7
 141 67.1 50.6 76.0

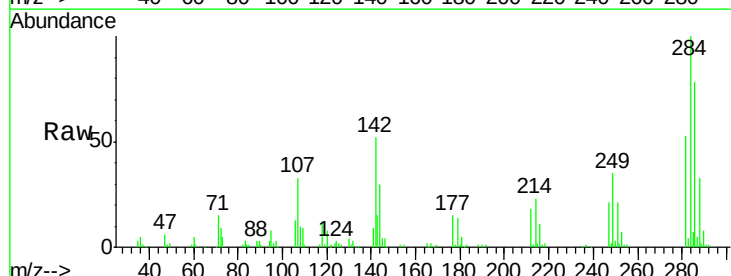


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

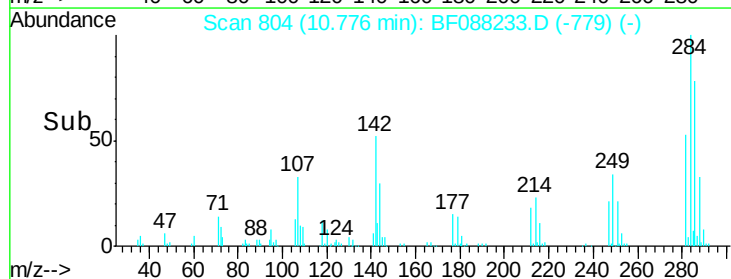
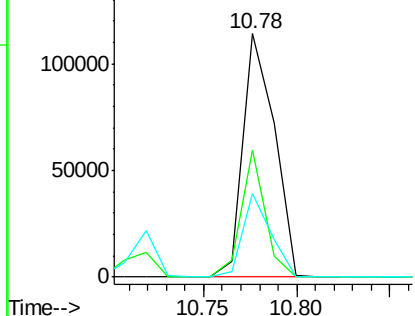


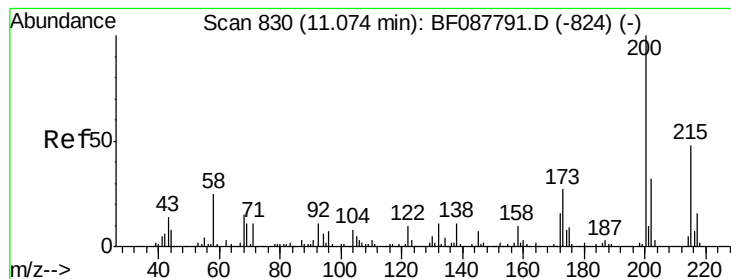
#67
 Hexachlorobenzene
 Concen: 41.07 ng
 RT: 10.78 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Tgt Ion:284 Resp: 133000
 Ion Ratio Lower Upper
 284 100
 142 52.3 35.8 53.8
 249 34.6 25.8 38.6



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: 41.98 ng

RT: 10.89 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampled :

PB91471BS

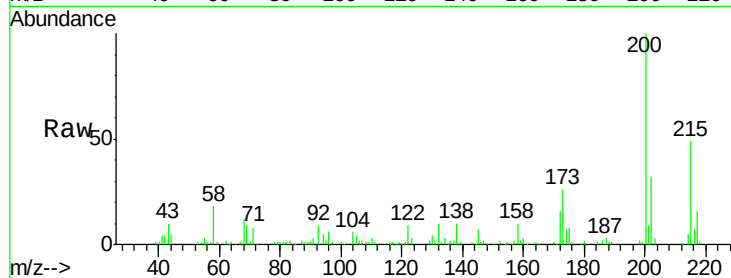
Tgt Ion:200 Resp: 122552

Ion Ratio Lower Upper

200 100

173 26.1 4.0 44.0

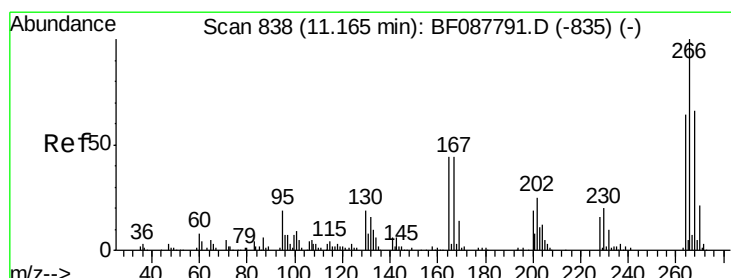
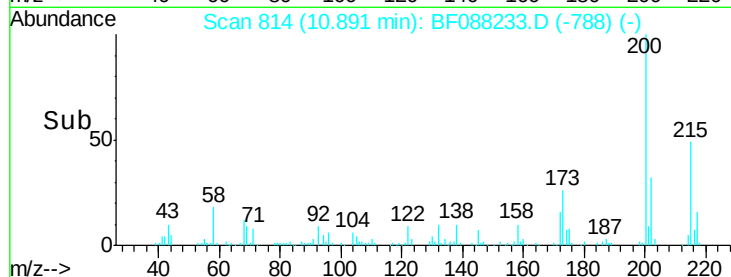
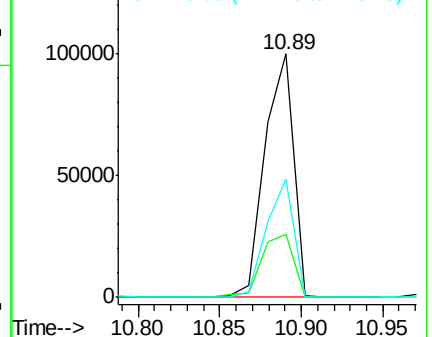
215 48.6 29.3 69.3



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: 62.39 ng

RT: 10.98 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

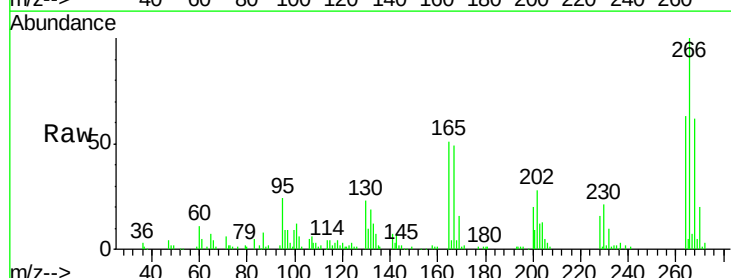
Tgt Ion:266 Resp: 106503

Ion Ratio Lower Upper

266 100

268 62.1 52.8 79.2

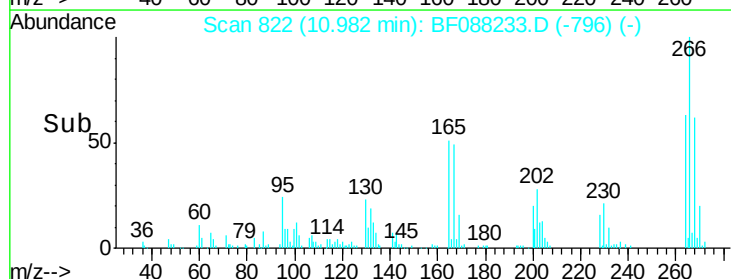
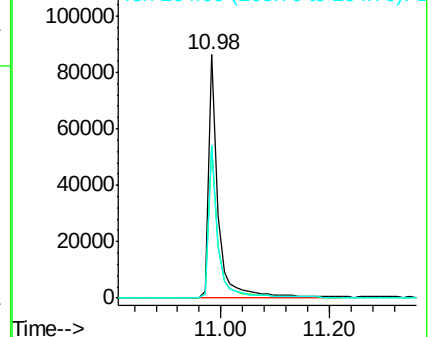
264 62.9 49.6 74.4

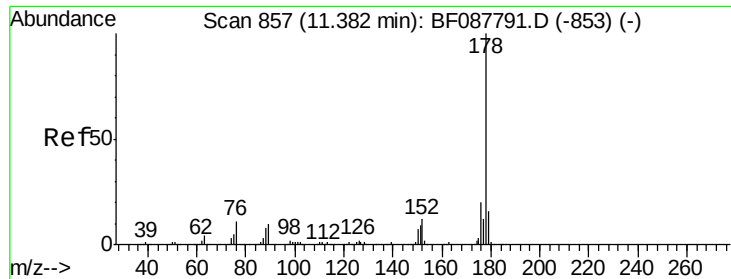


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

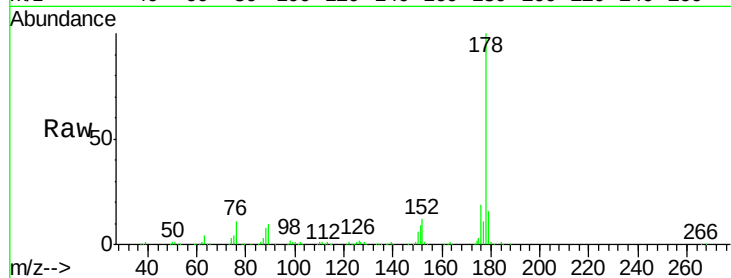




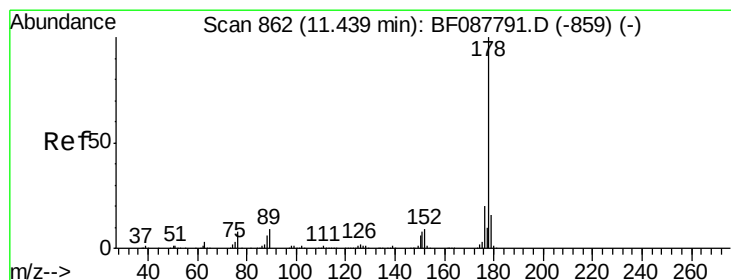
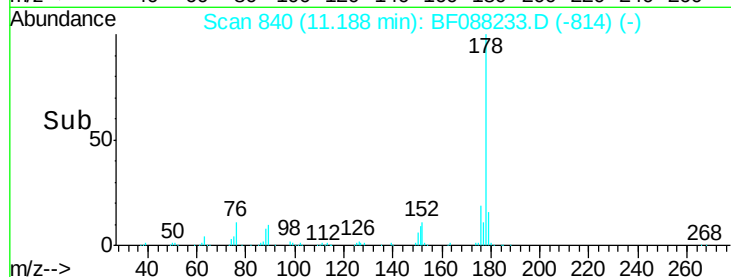
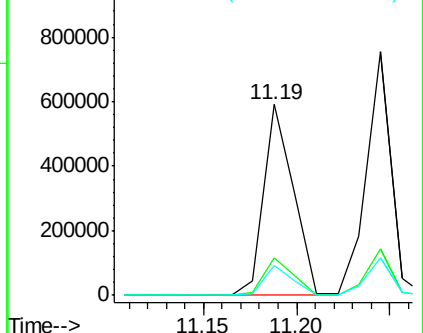
#70
Phenanthrene
Concen: 43.27 ng
RT: 11.19 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tgt Ion:178 Resp: 659615
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.7 13.0 19.4

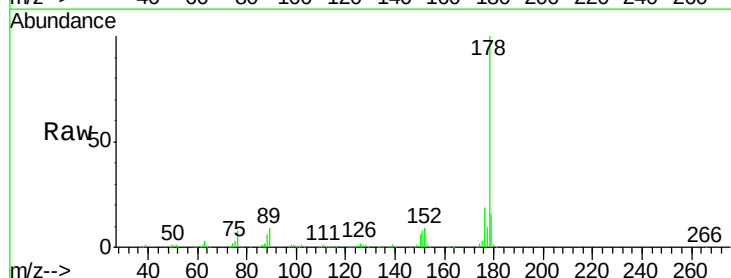


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

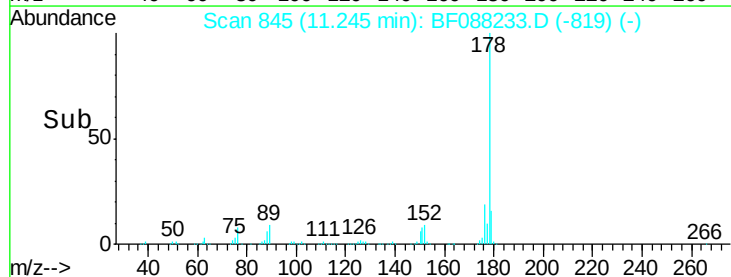
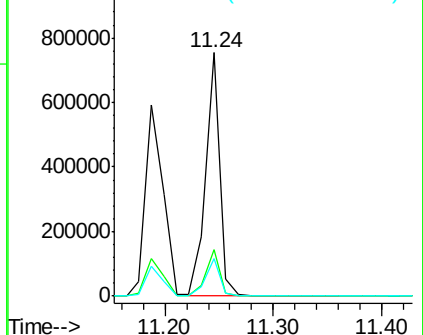


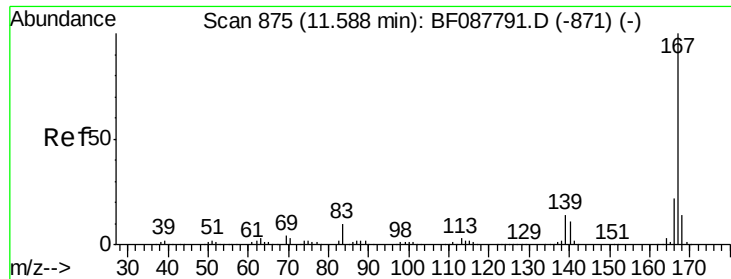
#71
Anthracene
Concen: 44.44 ng
RT: 11.24 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion:178 Resp: 683393
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.6 12.8 19.2



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

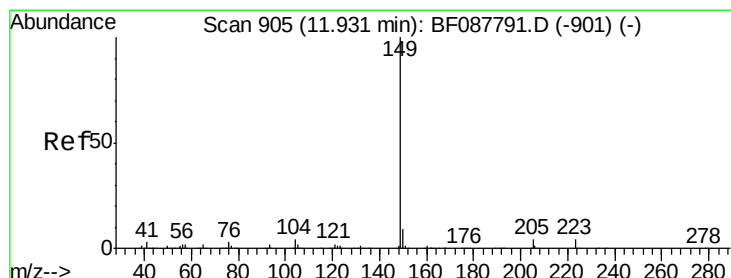
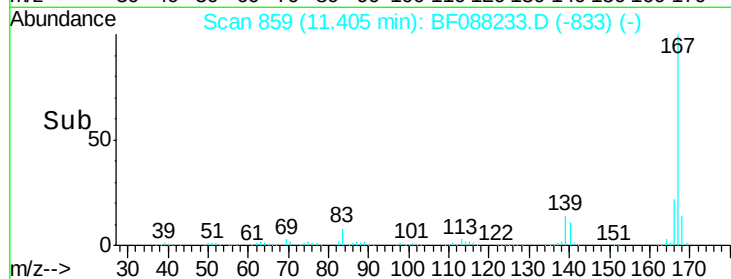
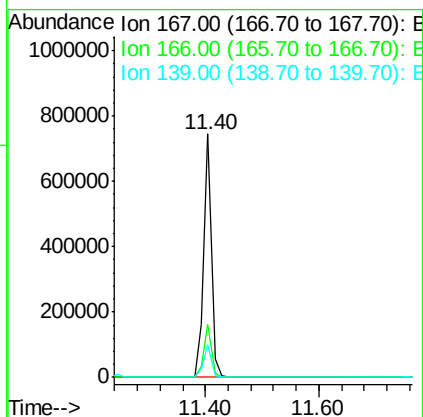
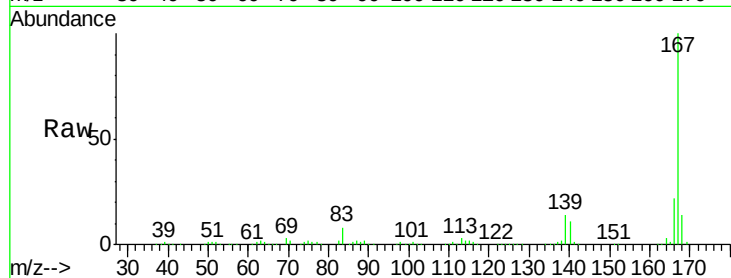




#72
 Carbazole
 Concen: 46.65 ng
 RT: 11.40 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

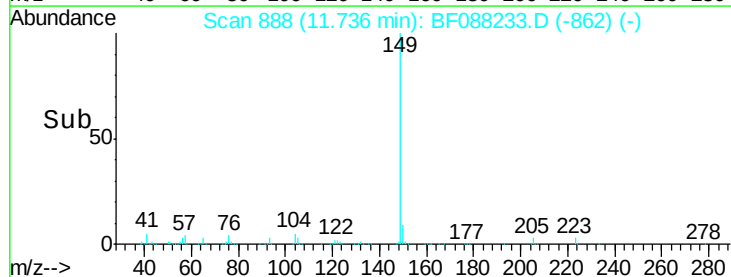
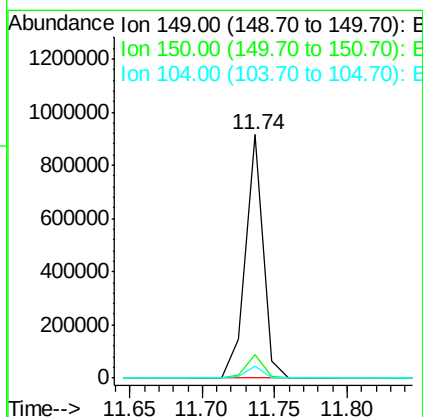
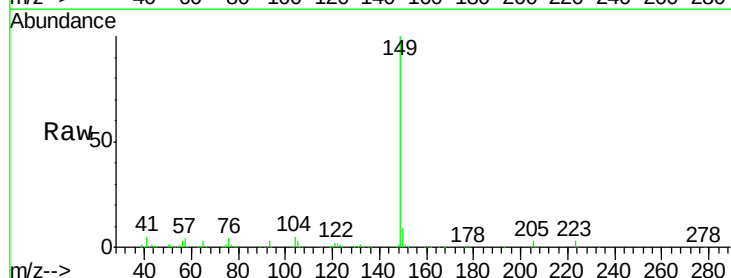
Instrument :
 BNA_F
 ClientSampleId :
 PB91471BS

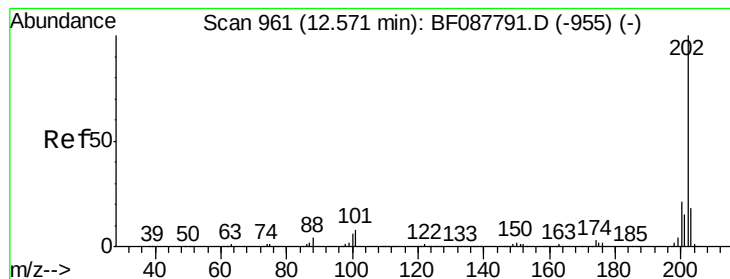
Tgt Ion:167 Resp: 671367
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 13.6 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 42.43 ng
 RT: 11.74 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF088233.D
 Acq: 22 Jun 2016 1:06

Tgt Ion:149 Resp: 773011
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 4.9 4.0 6.0





#74

Fluoranthene

Concen: 44.32 ng

RT: 12.38 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB91471BS

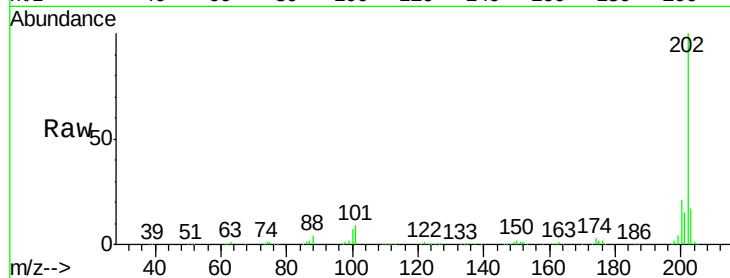
Tgt Ion: 202 Resp: 713058

Ion Ratio Lower Upper

202 100

101 9.3 0.0 33.1

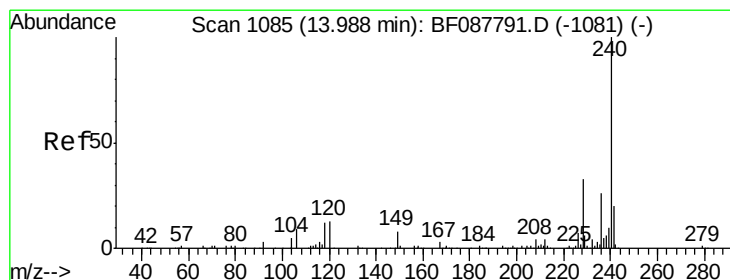
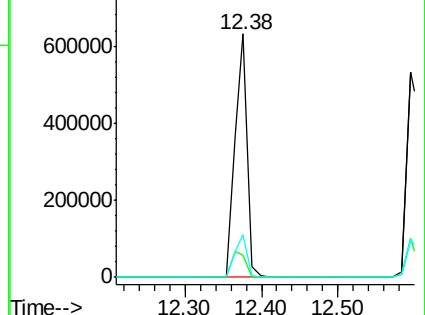
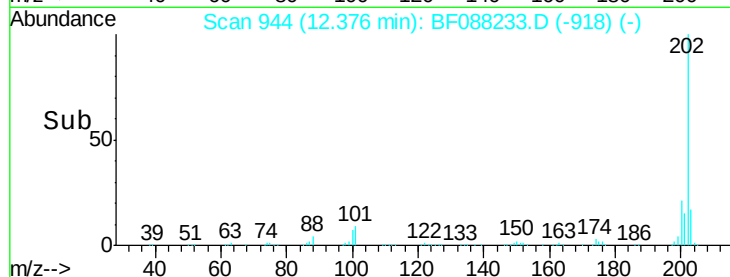
203 17.4 0.0 38.1



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: 13.79 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

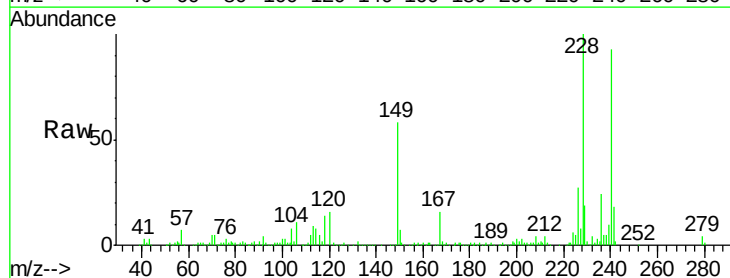
Tgt Ion: 240 Resp: 207937

Ion Ratio Lower Upper

240 100

120 17.0 6.8 10.2#

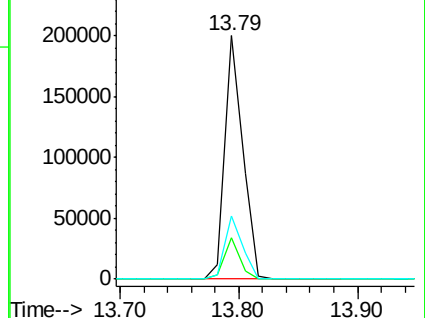
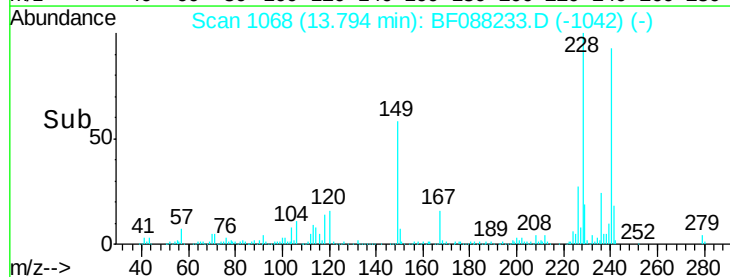
236 26.0 20.2 30.2

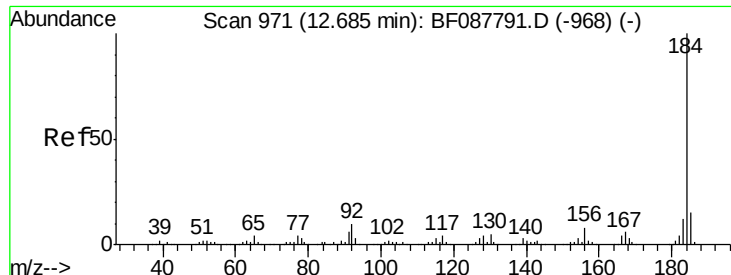


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

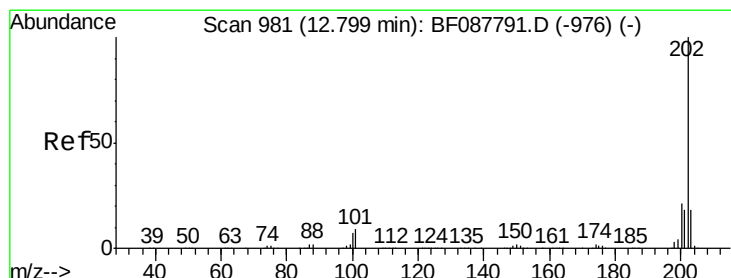
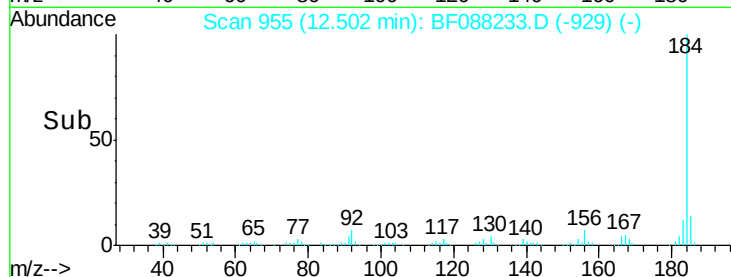
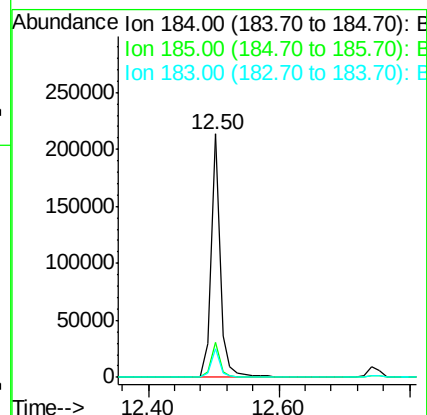
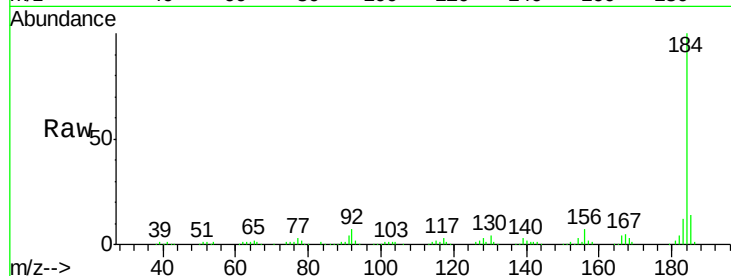




#76
Benzidine
Concen: 36.14 ng
RT: 12.50 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

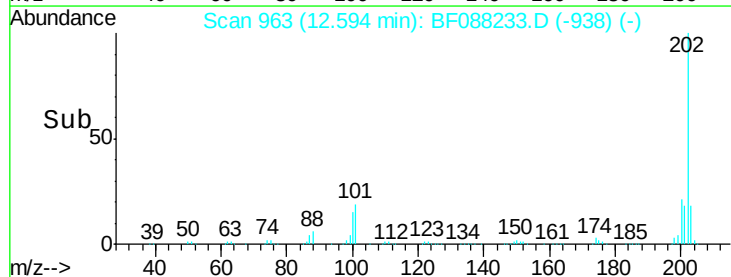
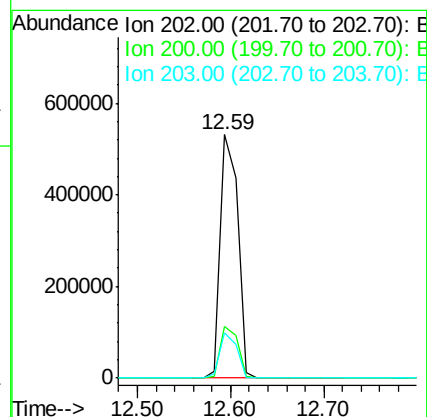
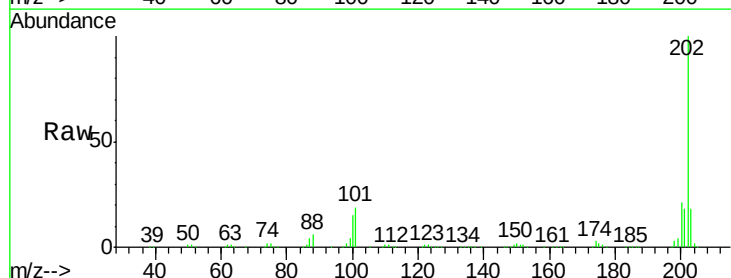
Instrument :
BNA_F
ClientSampleId :
PB91471BS

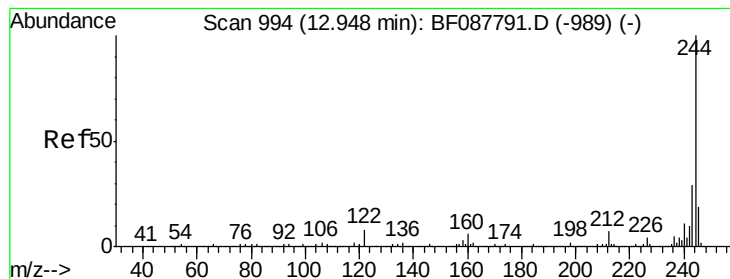
Tgt Ion:184 Resp: 208088
Ion Ratio Lower Upper
184 100
185 14.1 12.5 18.7
183 11.6 9.3 13.9



#77
Pyrene
Concen: 44.51 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion:202 Resp: 686862
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 18.4 14.5 21.7





#78

Terphenyl-d14

Concen: 87.15 ng

RT: 12.75 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB91471BS

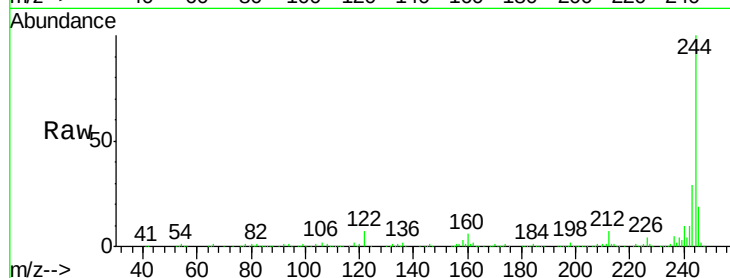
Tgt Ion:244 Resp: 796378

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

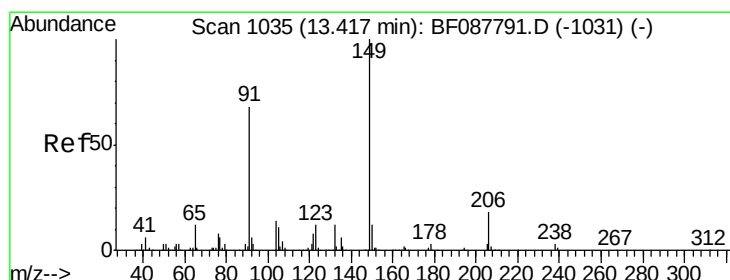
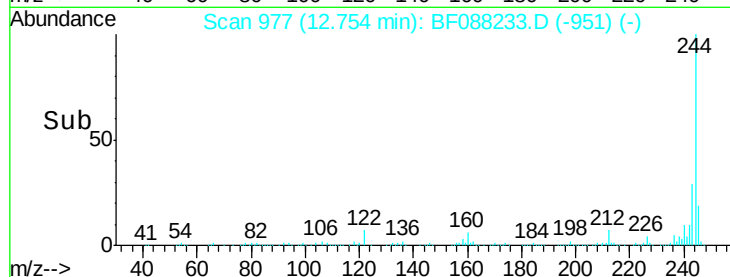
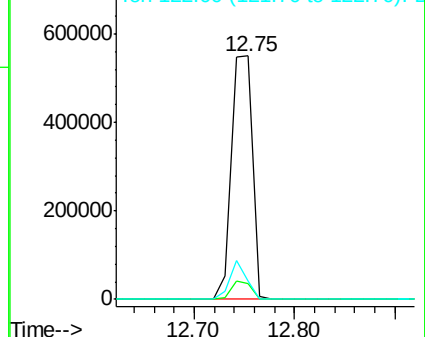
122 7.4 11.2 16.8#



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: 47.67 ng

RT: 13.22 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

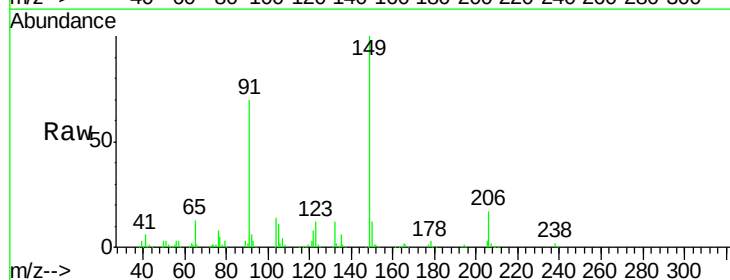
Tgt Ion:149 Resp: 325187

Ion Ratio Lower Upper

149 100

91 69.9 48.0 72.0

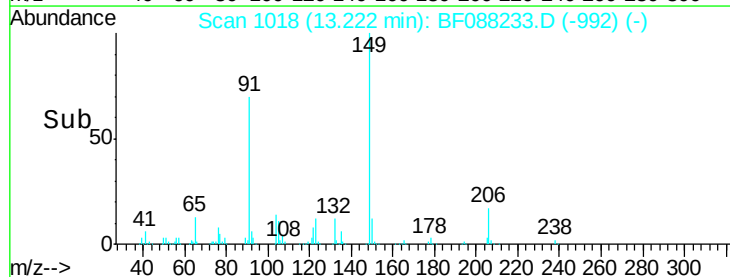
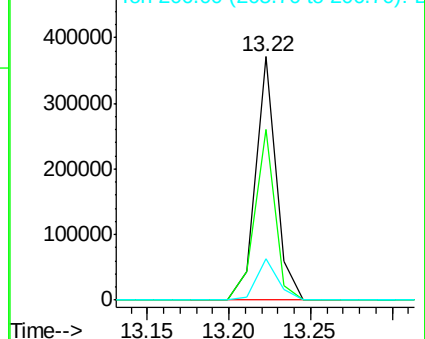
206 17.1 16.0 24.0

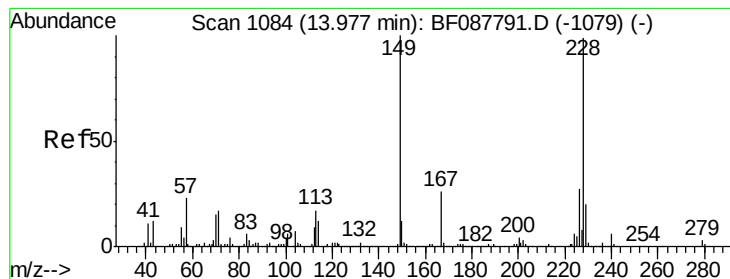


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 41.64 ng

RT: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB91471BS

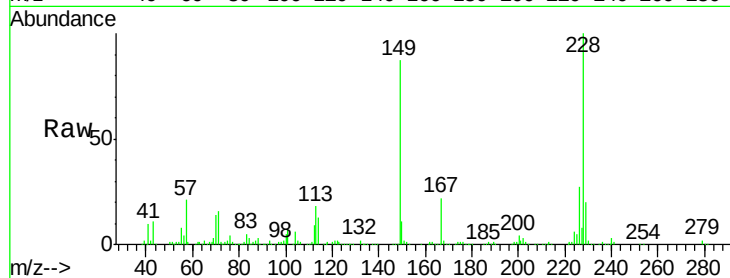
Tgt Ion:228 Resp: 493415

Ion Ratio Lower Upper

228 100

226 27.2 22.3 33.5

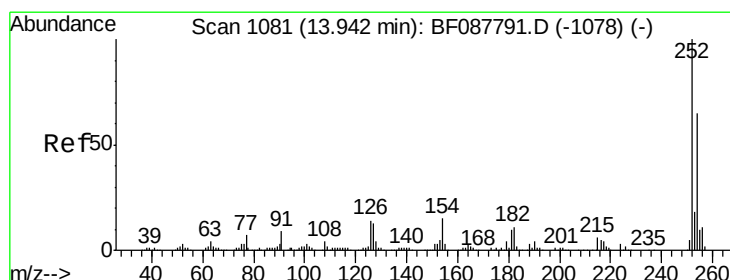
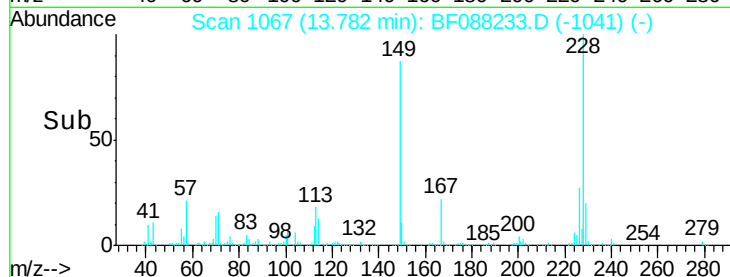
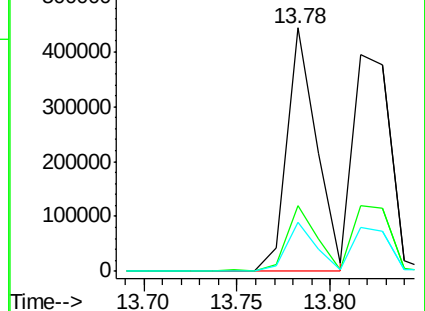
229 20.1 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 34.02 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

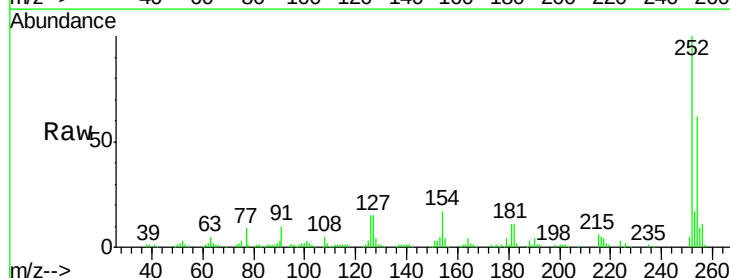
Tgt Ion:252 Resp: 108415

Ion Ratio Lower Upper

252 100

254 62.2 52.6 78.8

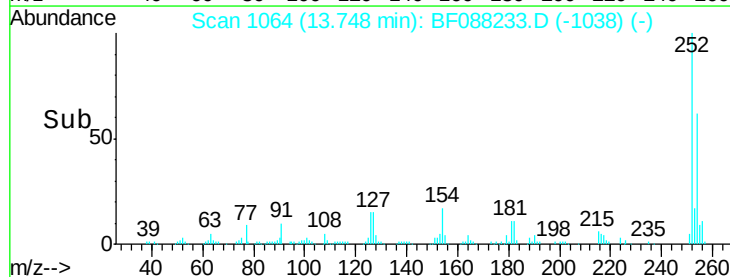
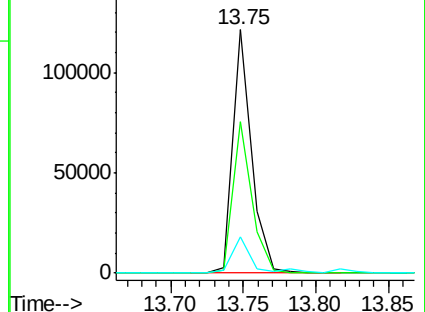
126 14.9 6.2 9.2#

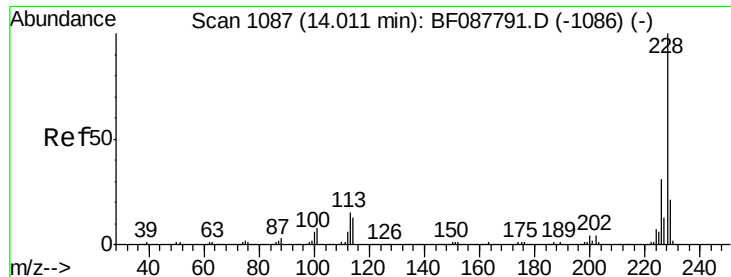


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 49.42 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB91471BS

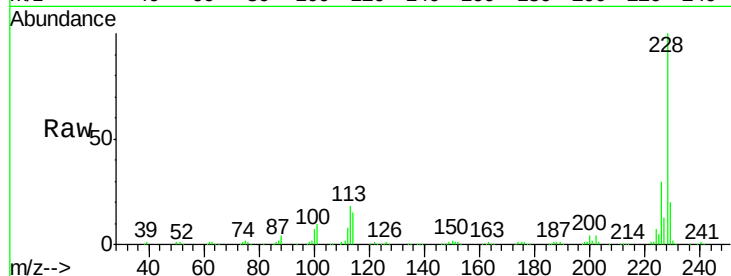
Tgt Ion: 228 Resp: 550918

Ion Ratio Lower Upper

228 100

226 30.2 25.4 38.2

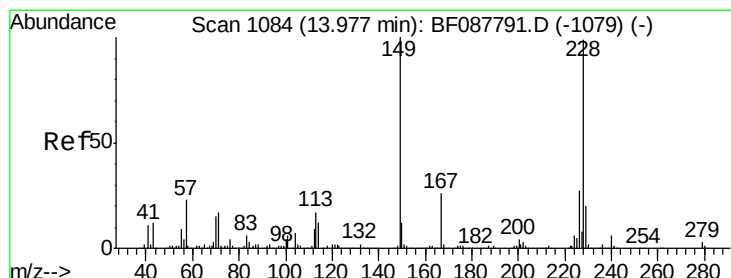
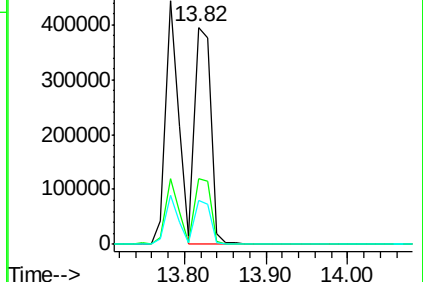
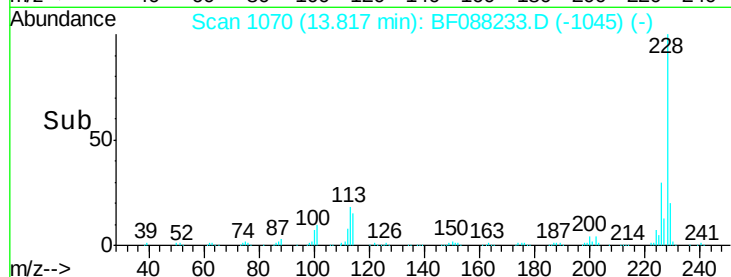
229 20.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 46.18 ng

RT: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF088233.D

Acq: 22 Jun 2016 1:06

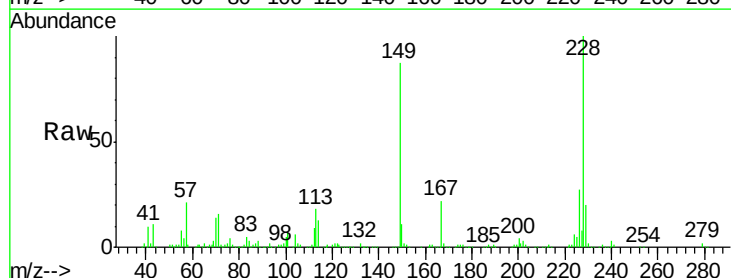
Tgt Ion: 149 Resp: 383474

Ion Ratio Lower Upper

149 100

167 25.0 20.5 30.7

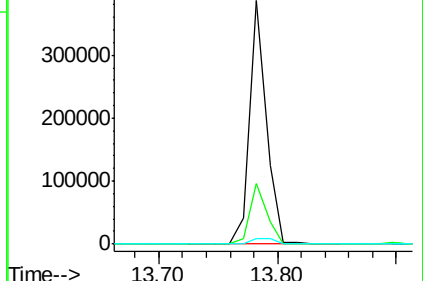
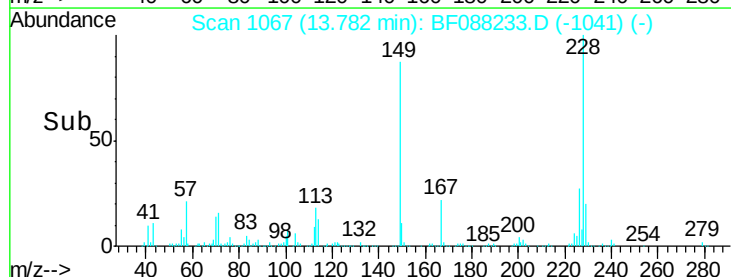
279 2.5 2.0 3.0

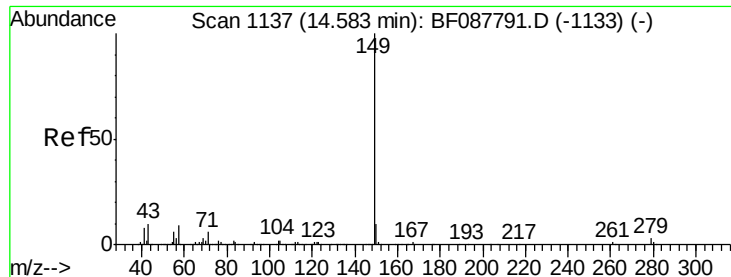


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

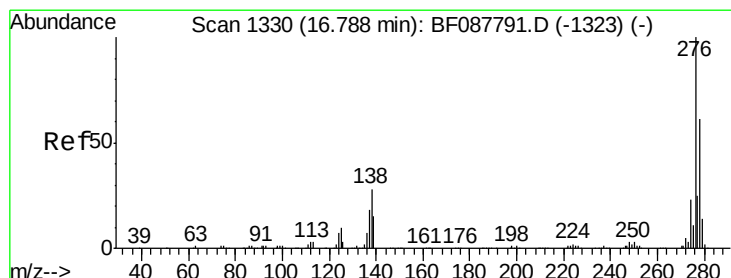
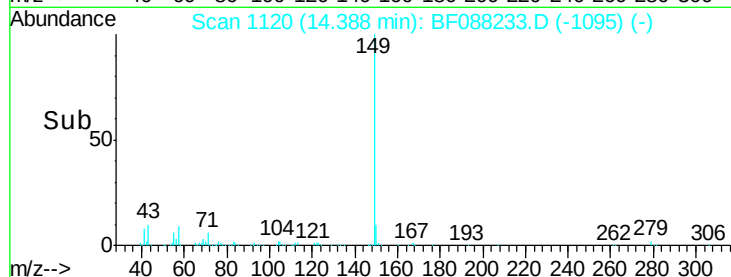
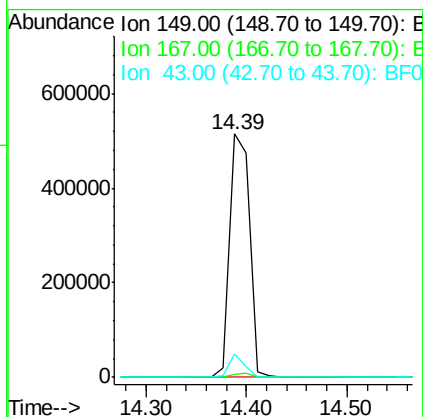
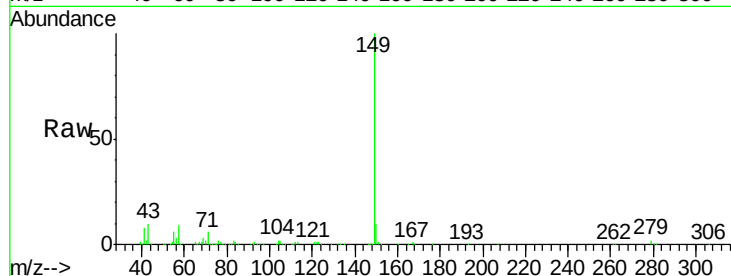




#84
Di-n-octyl phthalate
Concen: 52.10 ng
RT: 14.39 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

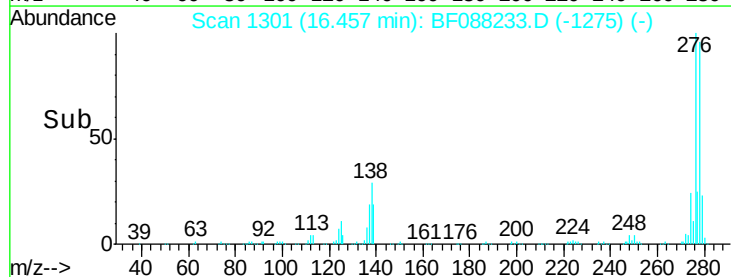
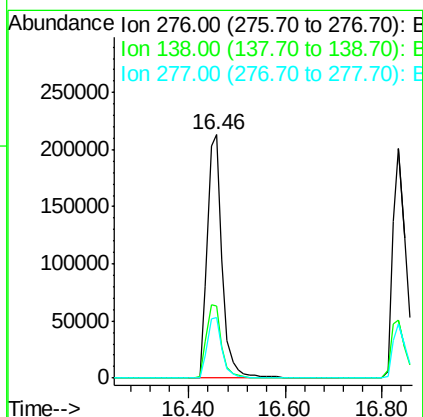
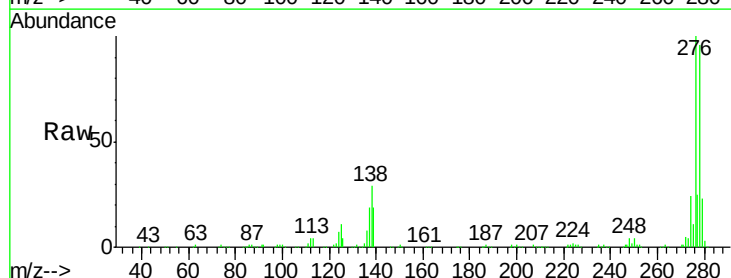
Instrument :
BNA_F
ClientSampleId :
PB91471BS

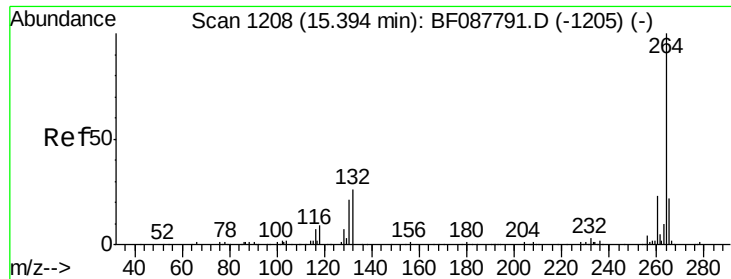
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	7.8	0.0	0.0#



#85
Indeno(1,2,3-cd)pyrene
Concen: 44.71 ng
RT: 16.46 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.8	0.0	0.0#
277	24.8	0.0	0.0#

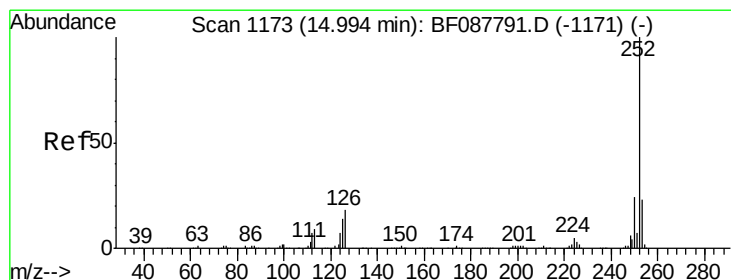
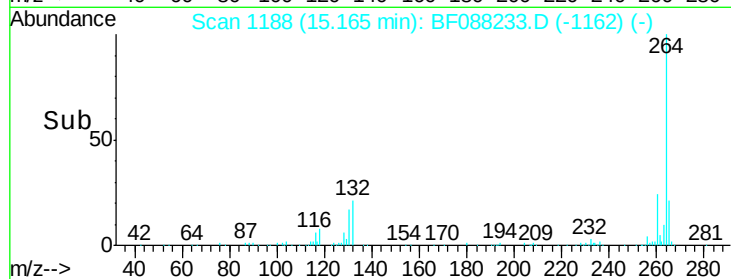
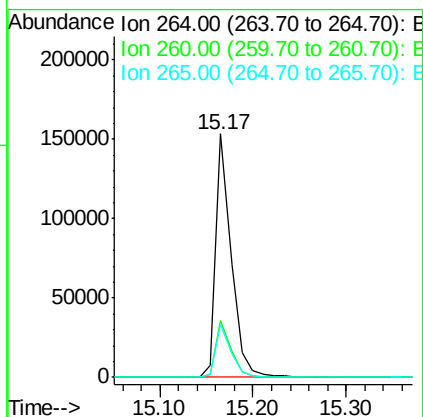
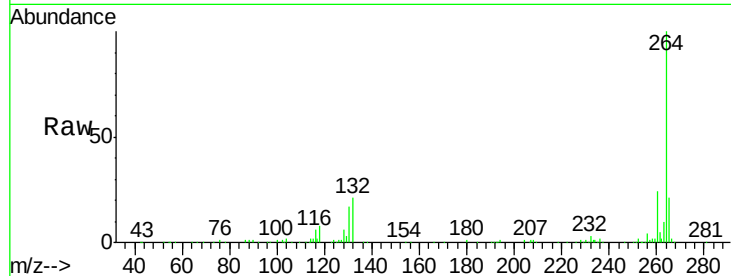




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

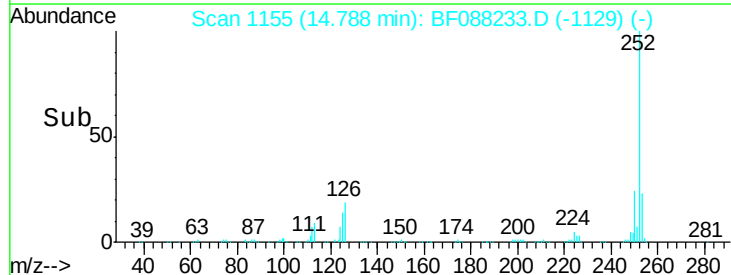
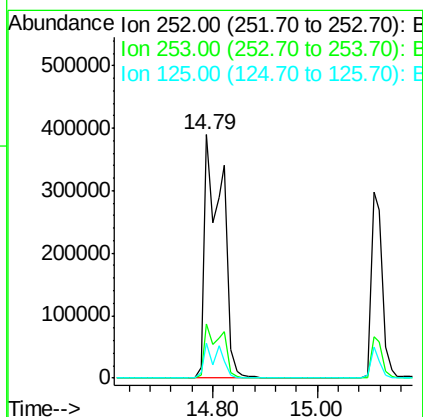
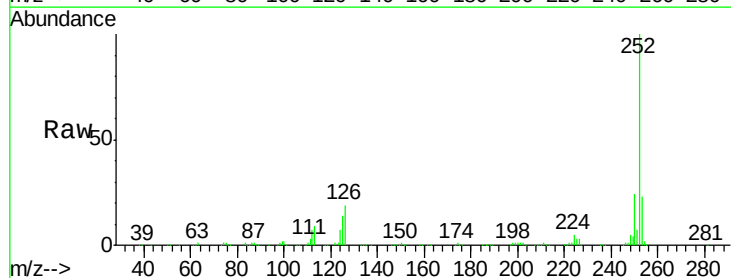
Instrument :
BNA_F
ClientSampleId :
PB91471BS

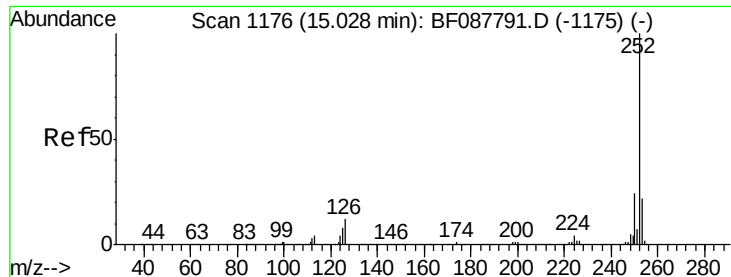
Tgt Ion: 264 Resp: 177178
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.5 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 75.74 ng
RT: 14.79 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion: 252 Resp: 935349
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 14.4 7.1 10.7#

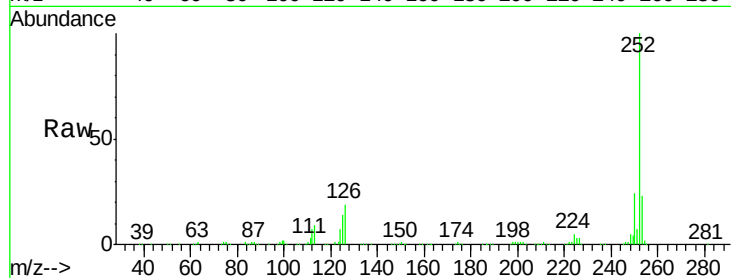




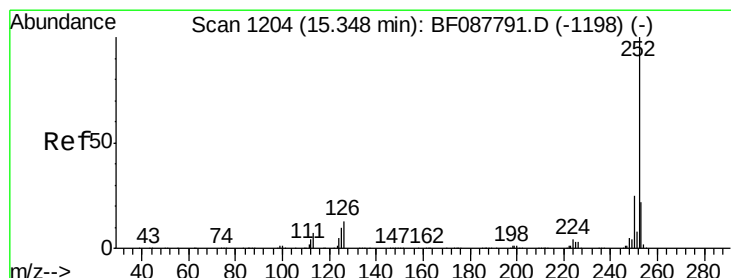
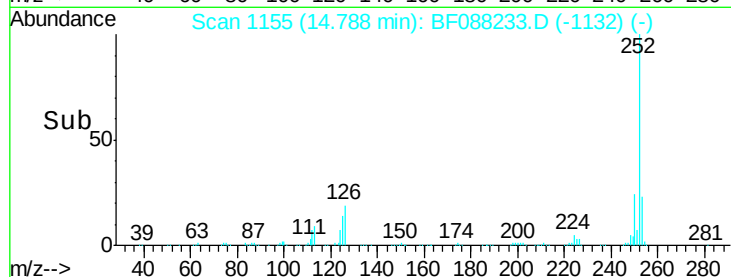
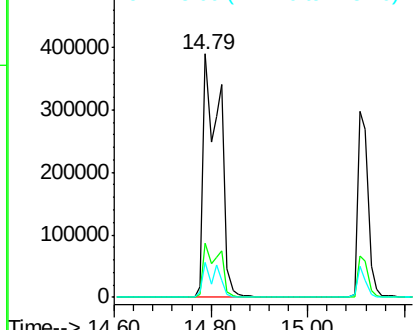
#88
Benzo(k)fluoranthene
Concen: 100.44 ng
RT: 14.79 min Scan# 1155
Delta R.T. -0.03 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tgt Ion: 252 Resp: 935612
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 14.4 11.2 16.8

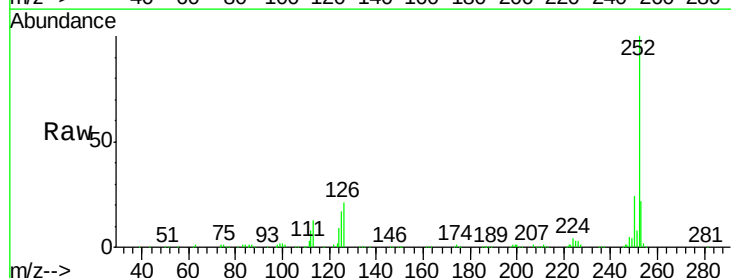


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

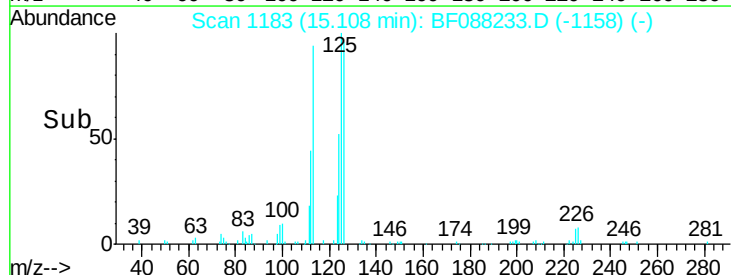
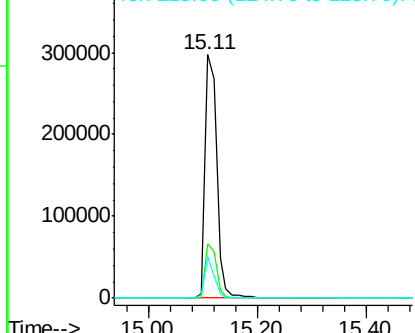


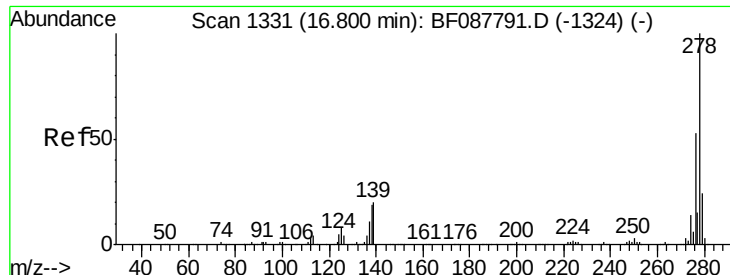
#89
Benzo(a)pyrene
Concen: 44.57 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion: 252 Resp: 445323
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 17.0 12.5 18.7



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



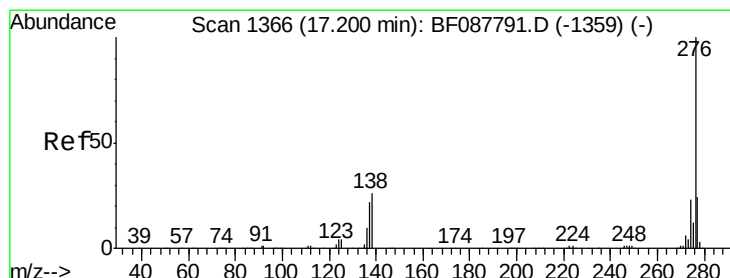
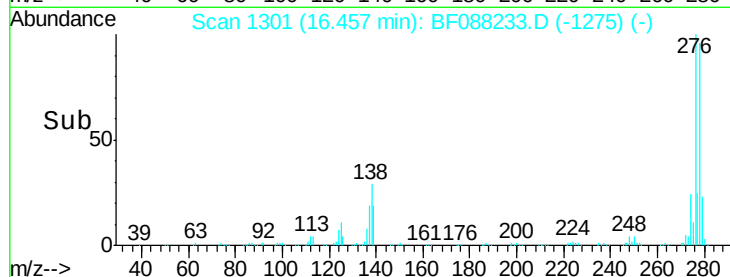
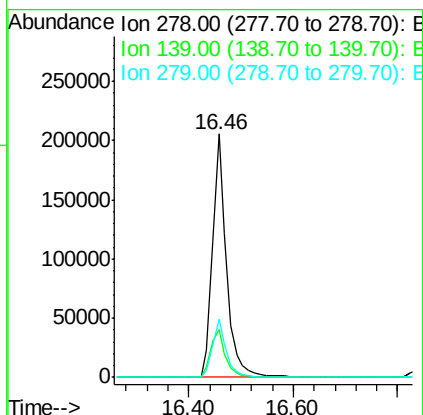
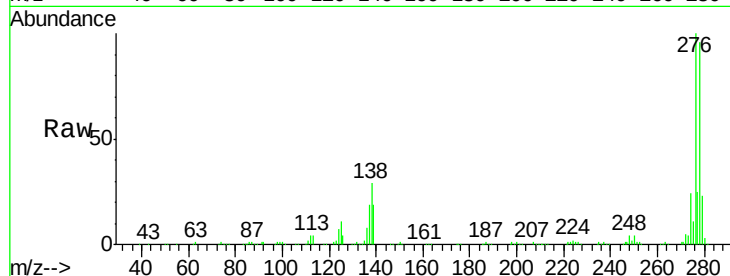


#90
Dibenzo(a,h)anthracene
Concen: 41.36 ng
RT: 16.46 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Instrument :
BNA_F
ClientSampleId :
PB91471BS

Tgt Ion:278 Resp: 383796

Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.7	23.5
279	24.0	19.4	29.2



#91
Benzo(g,h,i)perylene
Concen: 42.61 ng
RT: 16.83 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF088233.D
Acq: 22 Jun 2016 1:06

Tgt Ion:276 Resp: 406711

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	25.5	21.4	32.2

