

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062116\
 Data File : BF088237.D
 Acq On : 22 Jun 2016 3:03
 Operator : UM/SJ
 Sample : PB91486BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BSD

Quant Time: Jun 22 03:45:50 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	85659	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	331811	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	158835	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	283056	20.00	ng	0.00
75) Chrysene-d12	13.79	240	205008	20.00	ng	0.00
86) Perylene-d12	15.17	264	170604	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	578461	115.45	ng	0.00
7) Phenol-d6	6.31	99	729817	120.18	ng	0.00
23) Nitrobenzene-d5	7.22	82	439355	77.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	169953	101.34	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	825757	81.44	ng	0.00
78) Terphenyl-d14	12.75	244	790675	87.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	70626	29.01	ng	# 36
3) Pyridine	2.82	79	203823	35.46	ng	95
4) n-Nitrosodimethylamine	2.78	42	77405	31.79	ng	81
6) Aniline	6.32	93	181561	21.01	ng	# 23
8) 2-Chlorophenol	6.44	128	226240	38.15	ng	82
10) Phenol	6.32	94	230664	36.31	ng	# 44
11) bis(2-Chloroethyl)ether	6.40	93	219400	41.20	ng	86
12) 1,3-Dichlorobenzene	6.82	146	223288	35.09	ng	96
13) 1,4-Dichlorobenzene	6.67	146	232392	36.25	ng	96
14) 1,2-Dichlorobenzene	6.82	146	223544	38.35	ng	95
15) Benzyl Alcohol	6.81	79	161156	33.92	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.94	45	233465	32.45	ng	# 9
17) 2-Methylphenol	6.94	107	183151	38.08	ng	# 93
18) Hexachloroethane	7.15	117	85040	37.39	ng	# 82
19) n-Nitroso-di-n-propylamine	7.07	70	141026	36.30	ng	91
20) 3+4-Methylphenols	7.08	107	237052	42.24	ng	# 83
22) Acetophenone	7.07	105	304607	41.08	ng	98
24) Nitrobenzene	7.24	77	237069	43.07	ng	98
25) Isophorone	7.48	82	420307	39.93	ng	98
26) 2-Nitrophenol	7.56	139	127484	43.24	ng	# 73
27) 2,4-Dimethylphenol	7.61	122	208405	38.39	ng	94
28) bis(2-Chloroethoxy)methane	7.70	93	289523	44.35	ng	# 97
29) 2,4-Dichlorophenol	7.80	162	194919	43.00	ng	99
30) 1,2,4-Trichlorobenzene	7.88	180	196639	39.84	ng	97
31) Naphthalene	7.95	128	646658	39.38	ng	99
32) Benzoic acid	7.77	122	104731	35.04	ng	89
33) 4-Chloroaniline	8.02	127	119844	16.34	ng	# 91
34) Hexachlorobutadiene	8.08	225	104981	40.33	ng	98
35) Caprolactam	8.40	113	41082	27.36	ng	# 83
36) 4-Chloro-3-methylphenol	8.52	107	205622	42.42	ng	88
37) 2-Methylnaphthalene	8.65	142	451052	41.68	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	183854	44.21	ng	# 1
40) Hexachlorocyclopentadiene	8.80	237	104317	40.72	ng	99
42) 2,4,6-Trichlorophenol	8.94	196	117143	36.88	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	115630	34.99	ng	98
45) 1,1'-Biphenyl	9.12	154	551805	46.49	ng	96
46) 2-Chloronaphthalene	9.14	162	425984	41.44	ng	94
47) 2-Nitroaniline	9.24	65	122473	40.39	ng	# 82
48) Acenaphthylene	9.55	152	655979	40.12	ng	99
49) Dimethylphthalate	9.43	163	495503	43.07	ng	99
50) 2,6-Dinitrotoluene	9.48	165	104058	39.49	ng	# 61
51) Acenaphthene	9.72	154	395069	38.74	ng	99
52) 3-Nitroaniline	9.66	138	69731	22.93	ng	89
53) 2,4-Dinitrophenol	9.77	184	85602	62.89	ng	100
54) Dibenzofuran	9.90	168	545829	38.86	ng	91
55) 4-Nitrophenol	9.85	139	121754	51.59	ng	# 77
56) 2,4-Dinitrotoluene	9.90	165	134143	39.61	ng	# 65
57) Fluorene	10.24	166	458451	48.70	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	106108	40.86	ng	# 57
59) Diethylphthalate	10.12	149	486244	41.75	ng	99
60) 4-Chlorophenyl-phenylether	10.23	204	176903	37.87	ng	94
61) 4-Nitroaniline	10.27	138	109031	37.80	ng	98
62) Azobenzene	10.39	77	466503	40.51	ng	96
64) 4,6-Dinitro-2-methylphenol	10.31	198	70317	40.16	ng	# 62
65) n-Nitrosodiphenylamine	10.35	169	395504	42.11	ng	100
66) 4-Bromophenyl-phenylether	10.72	248	129536	42.66	ng	100
67) Hexachlorobenzene	10.78	284	125081	39.64	ng	90
68) Atrazine	10.89	200	126904	44.62	ng	98
69) Pentachlorophenol	10.98	266	95086	57.17	ng	97
70) Phenanthrene	11.19	178	624570	42.05	ng	99
71) Anthracene	11.24	178	659566	44.02	ng	99
72) Carbazole	11.40	167	635978	45.36	ng	99
73) Di-n-butylphthalate	11.74	149	728297	41.03	ng	99
74) Fluoranthene	12.38	202	667517	42.59	ng	96
76) Benzidine	12.50	184	256149	45.12	ng	98
77) Pyrene	12.59	202	654636	43.03	ng	99
79) Butylbenzylphthalate	13.22	149	299860	44.58	ng	87
80) Benzo(a)anthracene	13.78	228	467200	39.99	ng	100
81) 3,3'-Dichlorobenzidine	13.75	252	102011	32.47	ng	# 94
82) Chrysene	13.82	228	508108	46.23	ng	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	359478	43.91	ng	99
84) Di-n-octyl phthalate	14.39	149	651566	48.98	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.45	276	436418	42.74	ng	# 100
87) Benzo(b)fluoranthene	14.79	252	865591	72.79	ng	# 96
88) Benzo(k)fluoranthene	14.79	252	865600	96.50	ng	99
89) Benzo(a)pyrene	15.11	252	410656	42.69	ng	99
90) Dibenzo(a,h)anthracene	16.46	278	364080	40.75	ng	99
91) Benzo(g,h,i)perylene	16.83	276	385879	41.98	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

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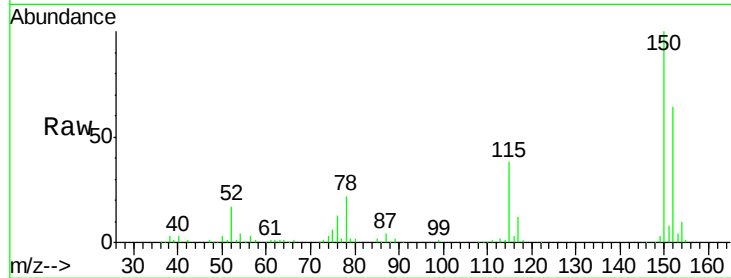
Tgt Ion:152 Resp: 85659

Ion Ratio Lower Upper

152 100

150 156.4 123.8 185.6

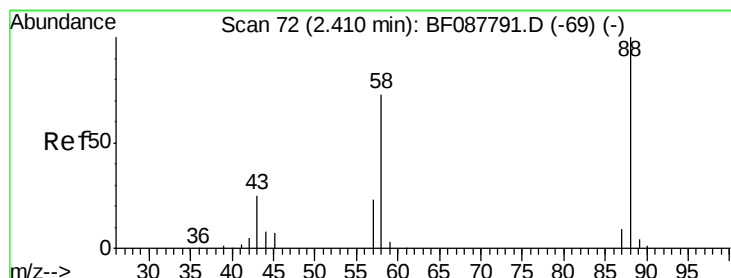
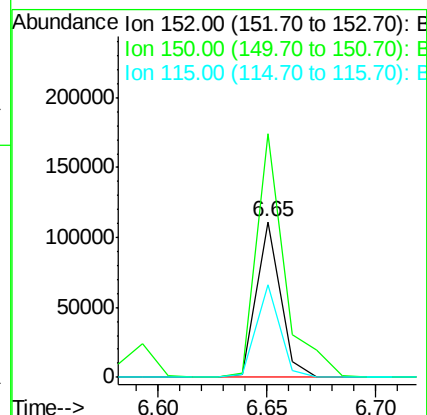
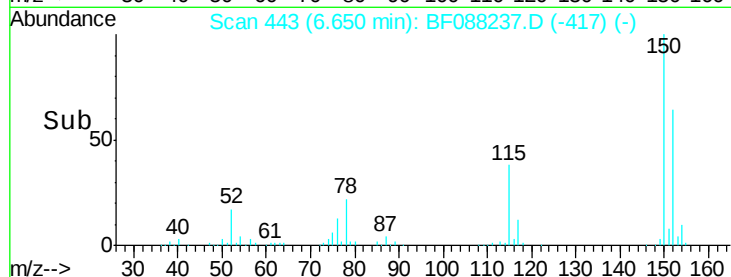
115 59.5 39.6 59.4#



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: 29.01 ng

RT: 2.17 min Scan# 51

Delta R.T. 0.07 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

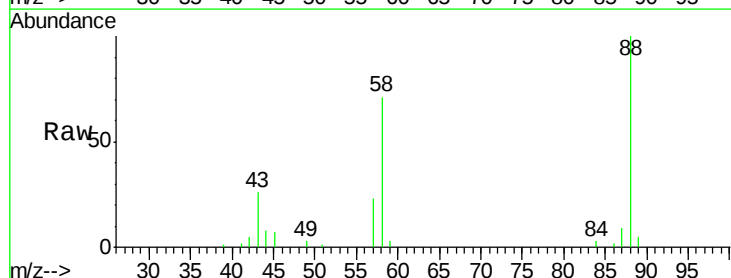
Tgt Ion: 88 Resp: 70626

Ion Ratio Lower Upper

88 100

58 71.0 0.0 0.0#

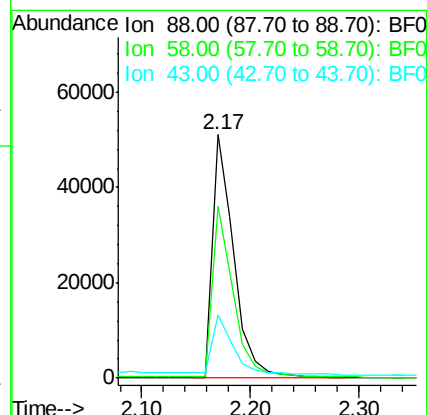
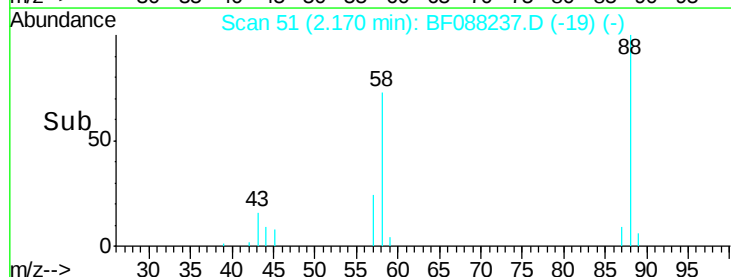
43 25.3 3.4 5.2#

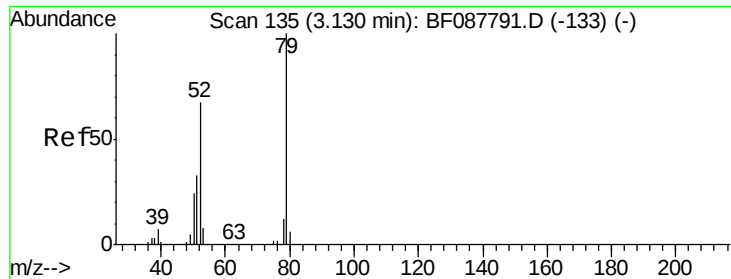


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.46 ng

RT: 2.82 min Scan# 108

Delta R.T. 0.06 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

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ClientSampleId :

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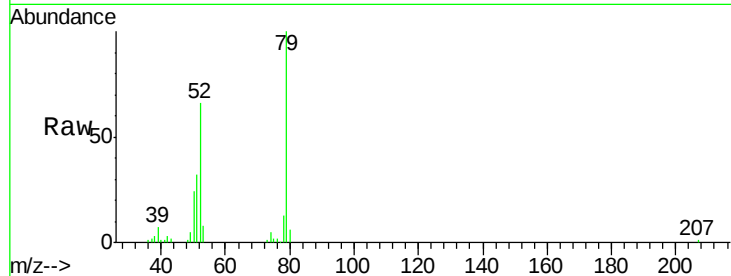
Tgt Ion: 79 Resp: 203823

Ion Ratio Lower Upper

79 100

52 66.2 56.3 84.5

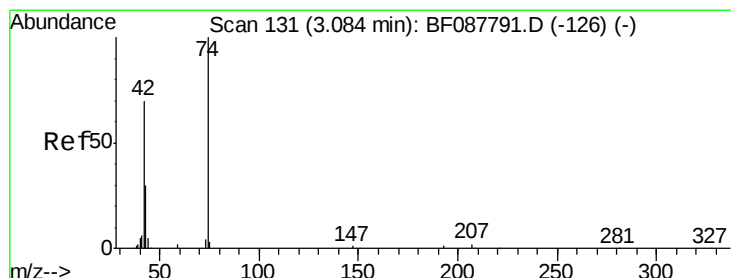
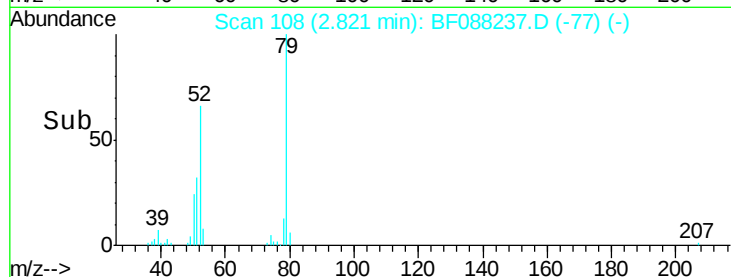
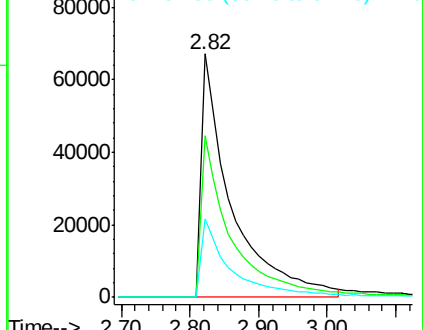
51 32.3 27.4 41.2



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: 31.79 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.06 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

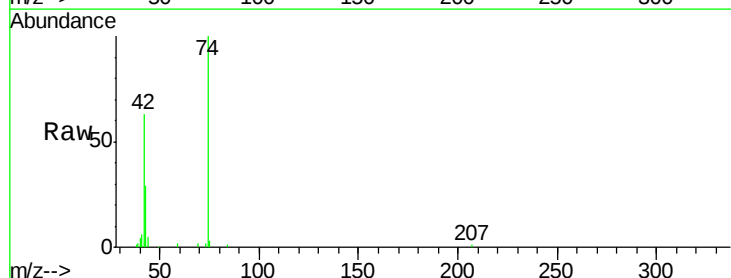
Tgt Ion: 42 Resp: 77405

Ion Ratio Lower Upper

42 100

74 159.0 108.6 163.0

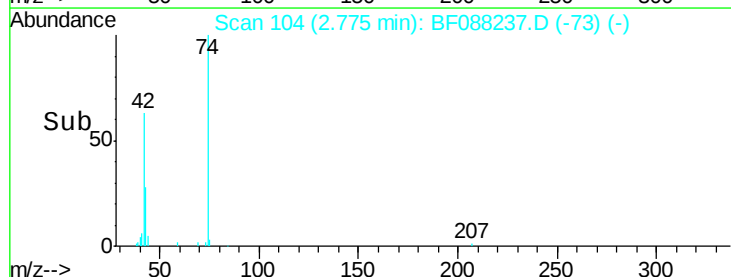
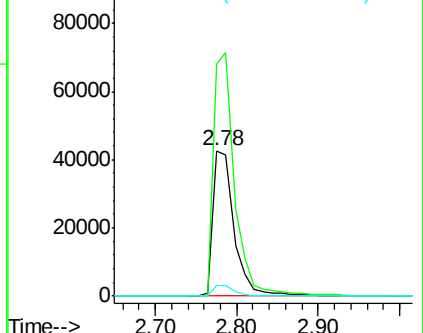
44 7.3 5.5 8.3



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: 115.45 ng

RT: 5.24 min Scan# 320

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

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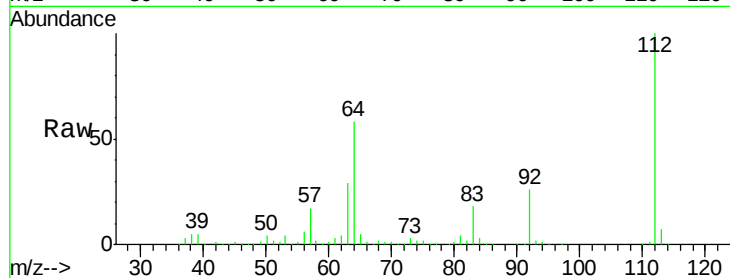
Tgt Ion: 112 Resp: 578461

Ion Ratio Lower Upper

112 100

64 57.8 42.2 63.2

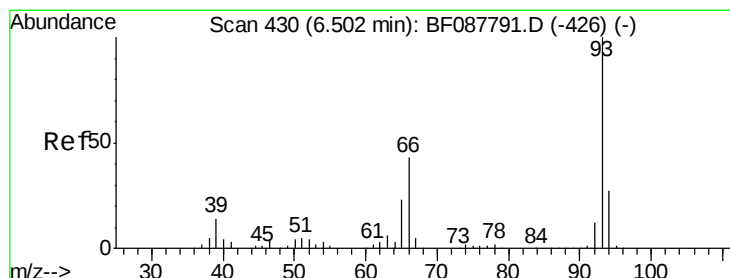
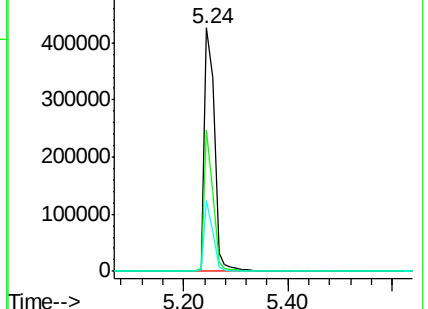
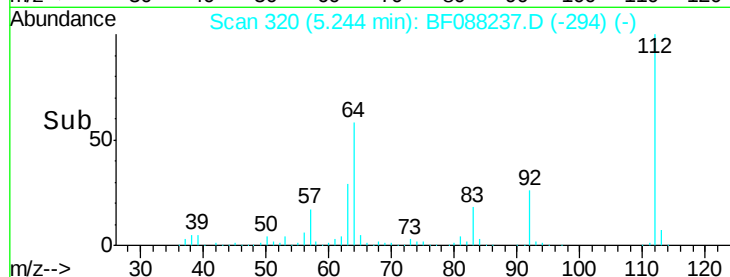
63 29.0 21.8 32.8



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: 21.01 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

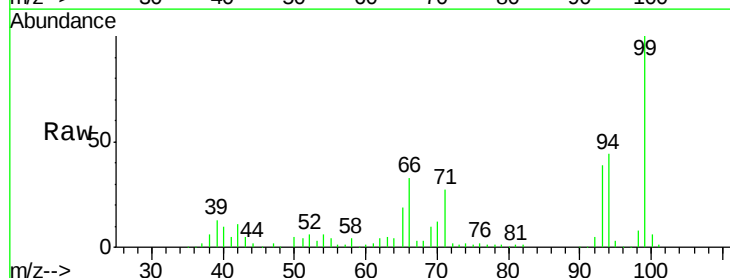
Tgt Ion: 93 Resp: 181561

Ion Ratio Lower Upper

93 100

66 85.8 29.8 44.8#

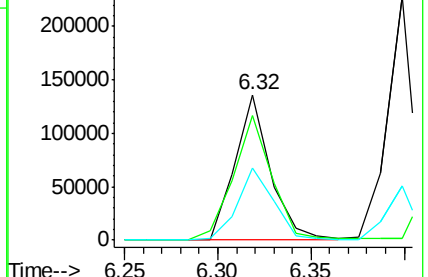
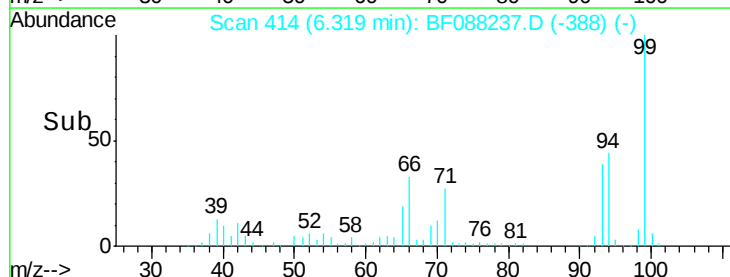
65 49.6 14.9 22.3#

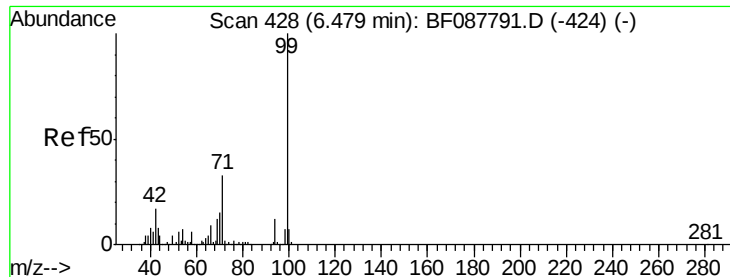


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.18 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF088237.D

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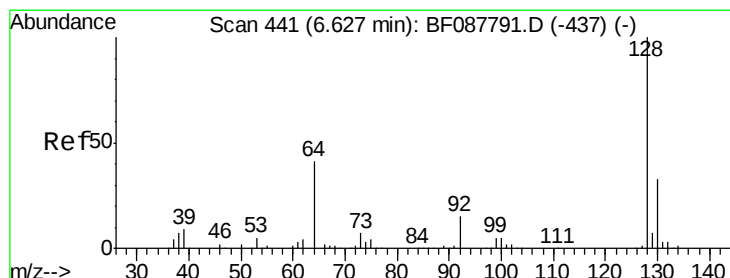
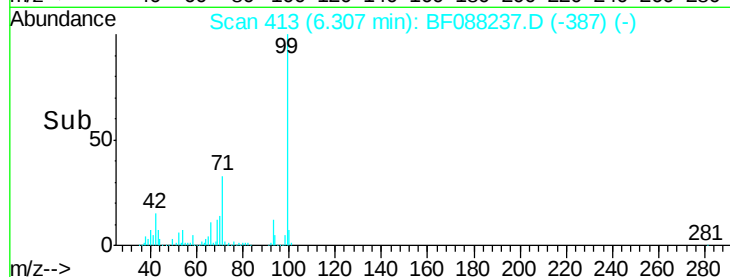
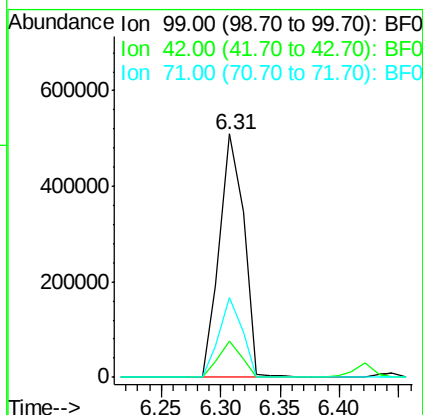
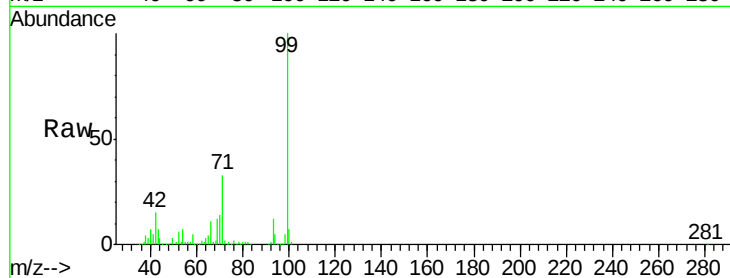
Tgt Ion: 99 Resp: 729817

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

71 32.9 23.4 35.0



#8

2-Chlorophenol

Concen: 38.15 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

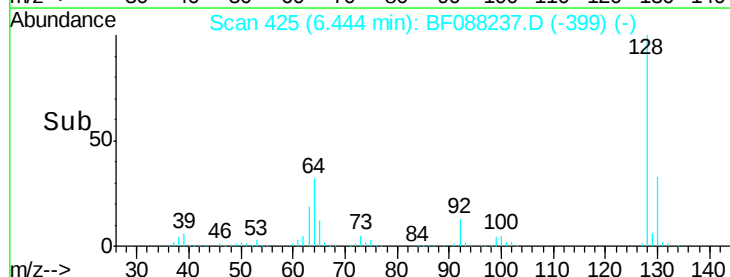
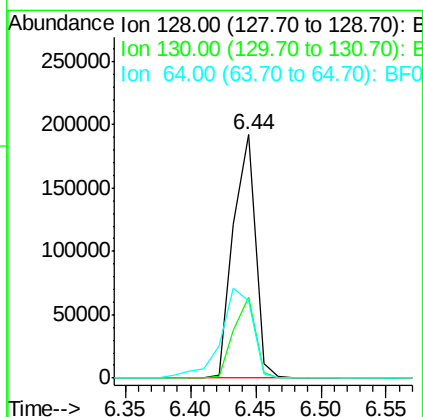
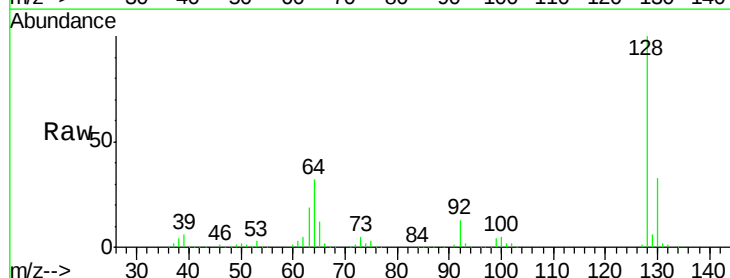
Tgt Ion: 128 Resp: 226240

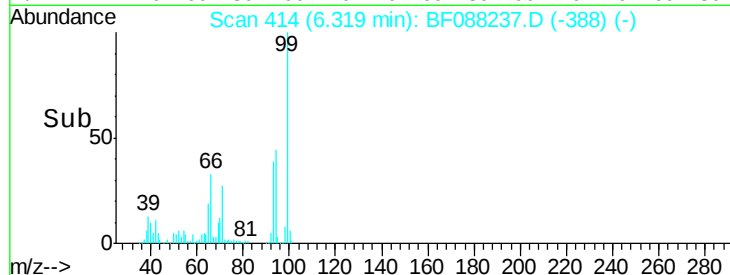
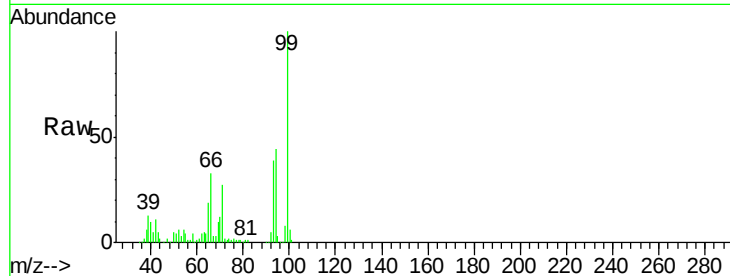
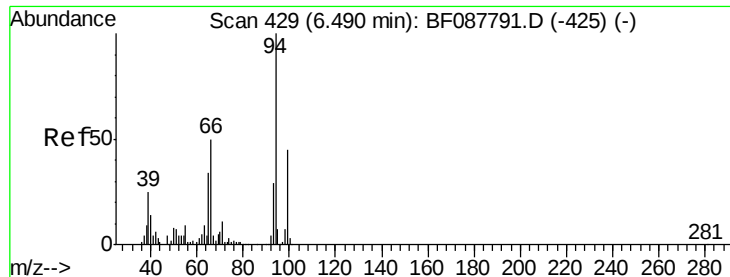
Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

64 31.6 30.8 70.8





#10

Phenol

Concen: 36.31 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

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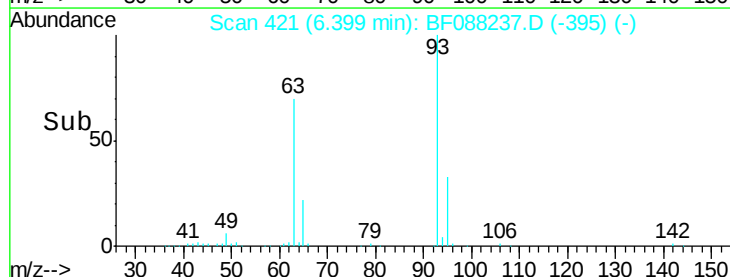
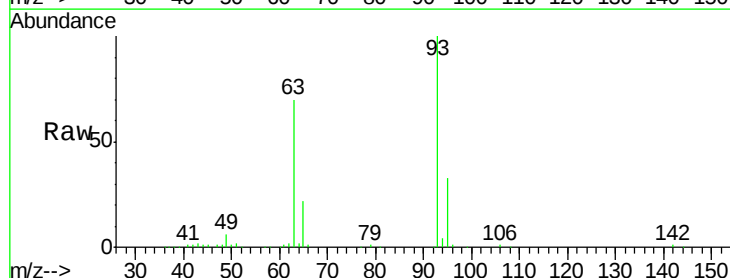
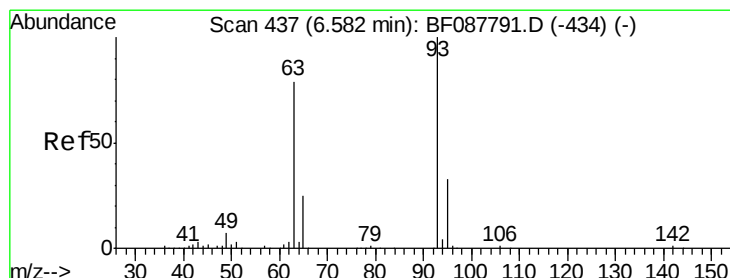
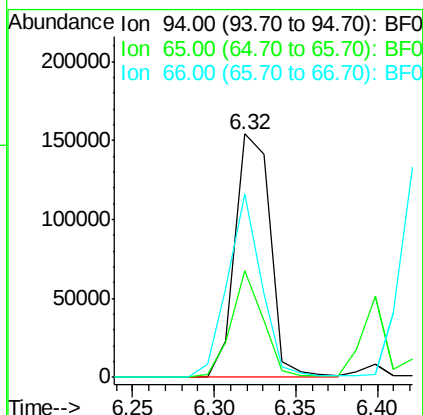
Tgt Ion: 94 Resp: 230664

Ion Ratio Lower Upper

94 100

65 43.7 5.9 45.9

66 75.5 14.0 54.0#



#11

bis(2-Chloroethyl)ether

Concen: 41.20 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

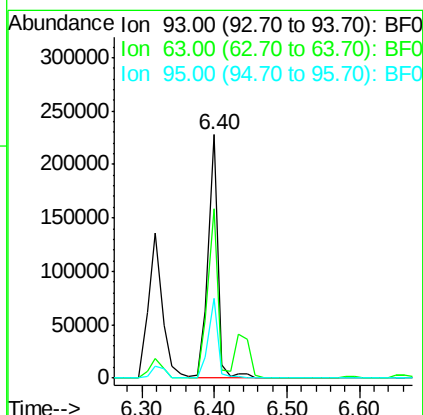
Tgt Ion: 93 Resp: 219400

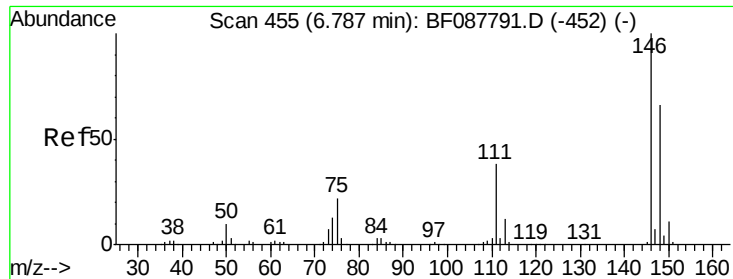
Ion Ratio Lower Upper

93 100

63 69.6 67.6 107.6

95 32.6 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 35.09 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.23 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

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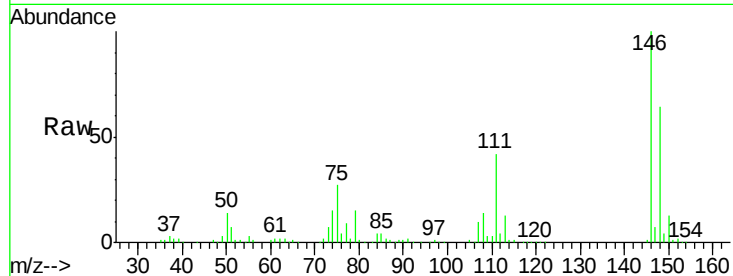
Tgt Ion:146 Resp: 223288

Ion Ratio Lower Upper

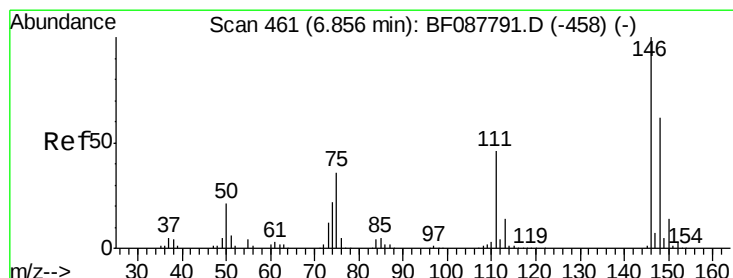
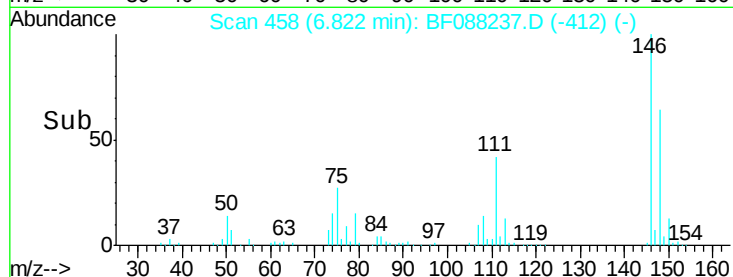
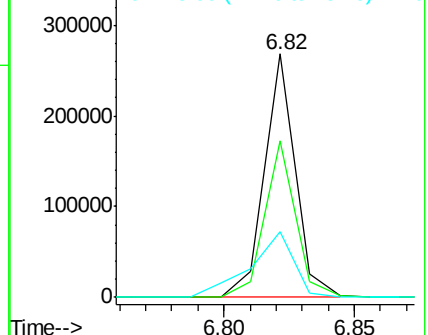
146 100

148 64.3 50.9 76.3

75 26.8 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): E



#13

1,4-Dichlorobenzene

Concen: 36.25 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

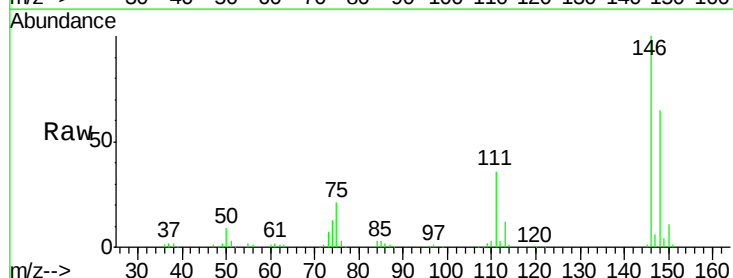
Tgt Ion:146 Resp: 232392

Ion Ratio Lower Upper

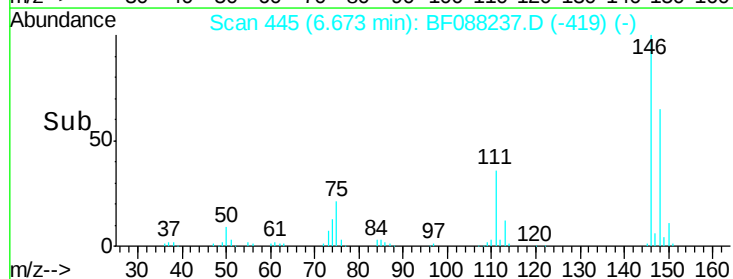
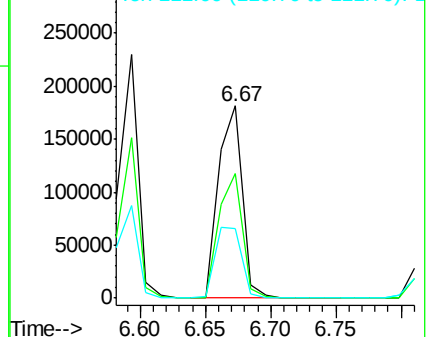
146 100

148 65.0 52.0 78.0

111 36.0 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: 38.35 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

ClientSampleId :

PB91486BSD

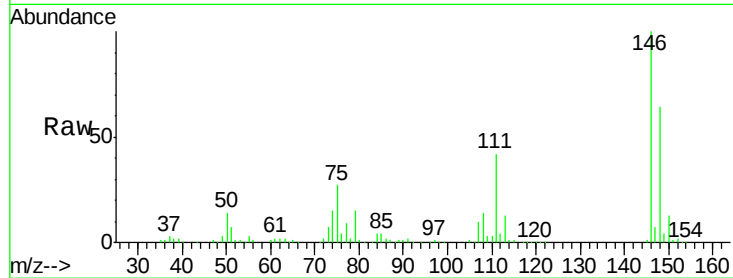
Tgt Ion:146 Resp: 223544

Ion Ratio Lower Upper

146 100

148 64.3 52.3 78.5

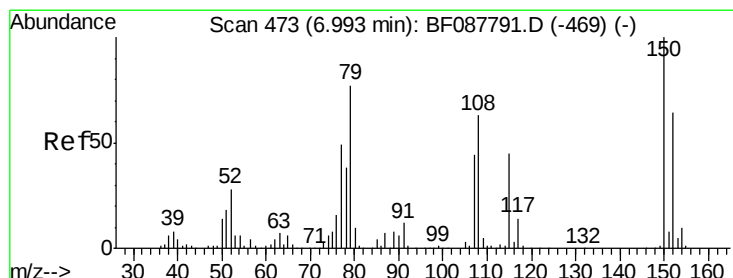
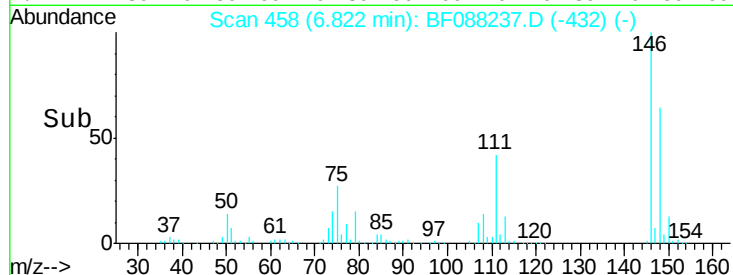
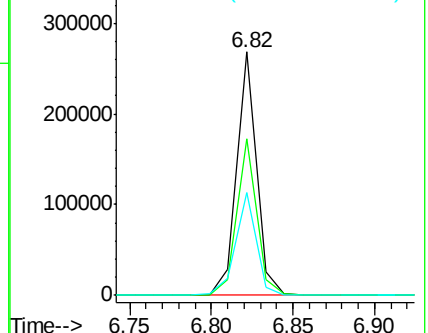
111 42.4 28.7 43.1



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: 33.92 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

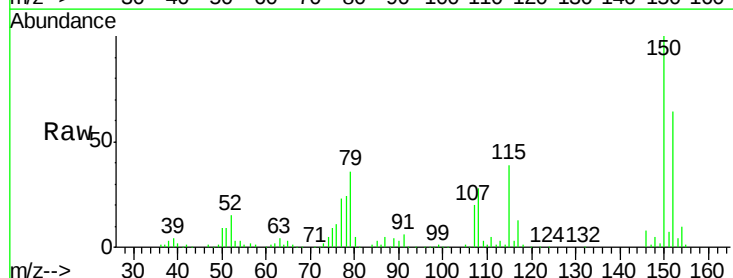
Tgt Ion: 79 Resp: 161156

Ion Ratio Lower Upper

79 100

108 79.6 65.0 97.6

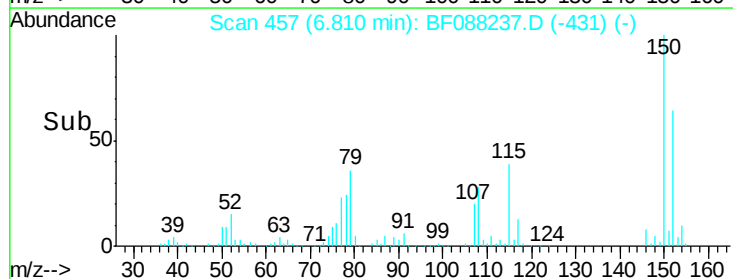
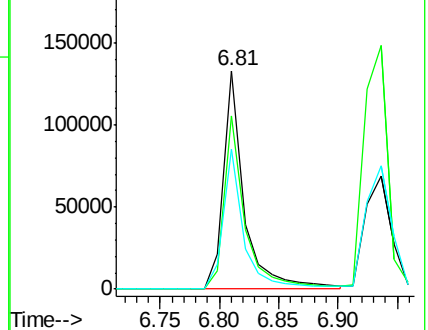
77 63.8 50.3 75.5



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

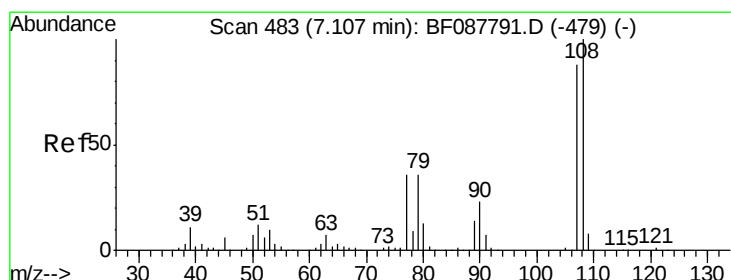
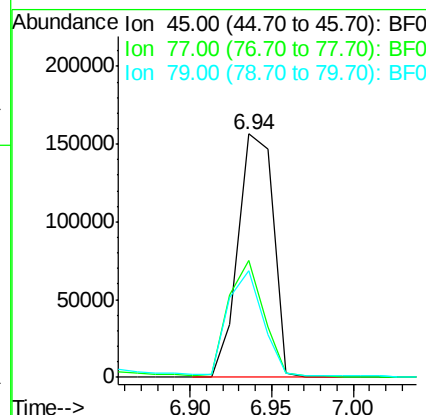
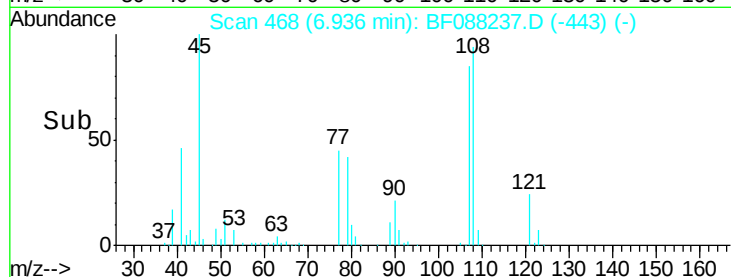
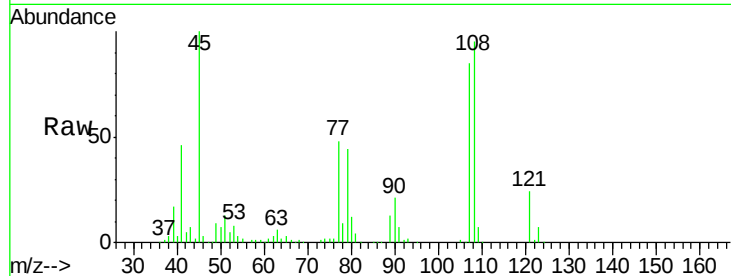




#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.45 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

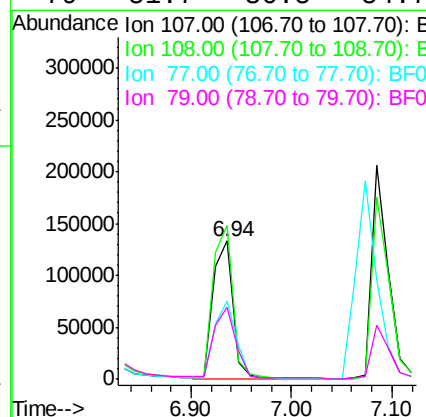
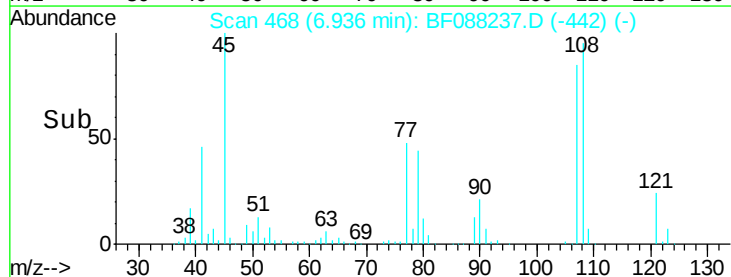
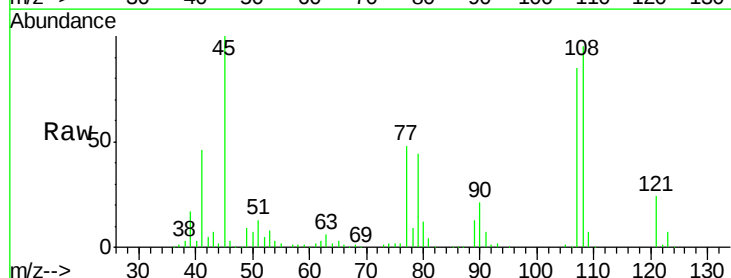
Instrument :
BNA_F
ClientSampleId :
PB91486BSD

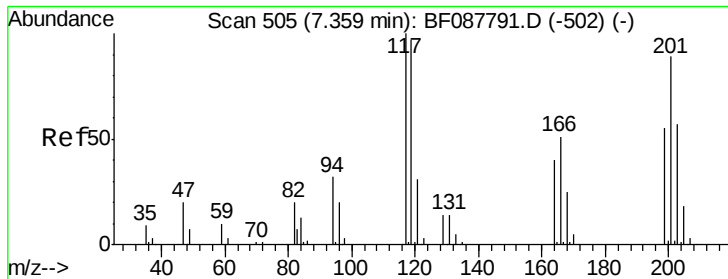
Tgt Ion: 45 Resp: 233465
Ion Ratio Lower Upper
45 100
77 47.8 0.0 32.5#
79 43.8 0.0 29.5#



#17
2-Methylphenol
Concen: 38.08 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion: 107 Resp: 183151
Ion Ratio Lower Upper
107 100
108 111.7 90.9 136.3
77 56.3 36.6 55.0#
79 51.7 36.5 54.7

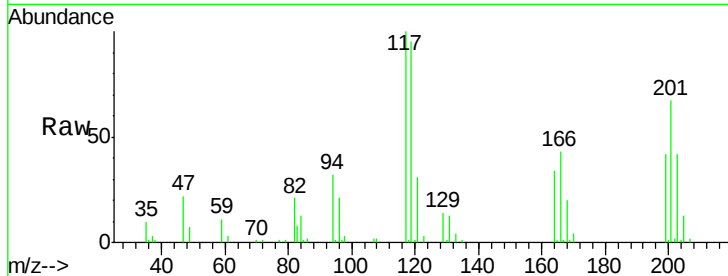




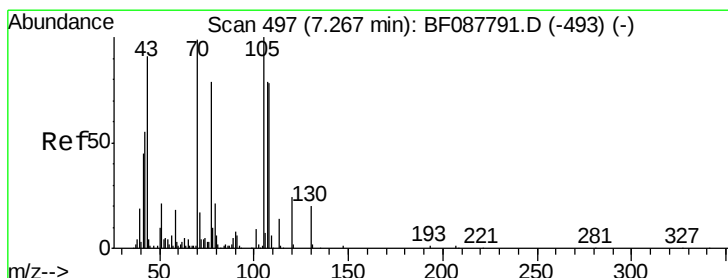
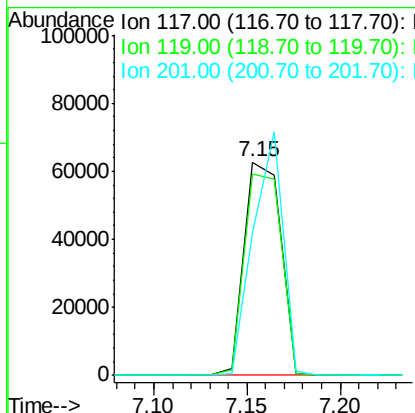
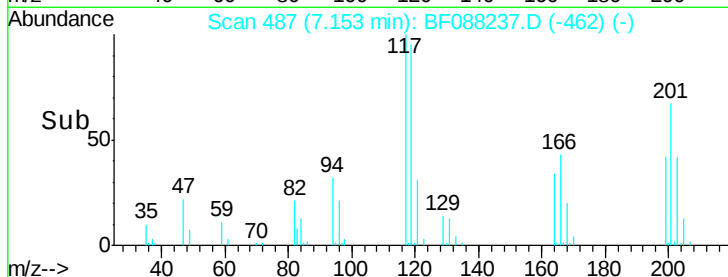
#18
Hexachloroethane
Concen: 37.39 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tgt Ion: 117 Resp: 85040
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.2
201 66.8 80.4 120.6#

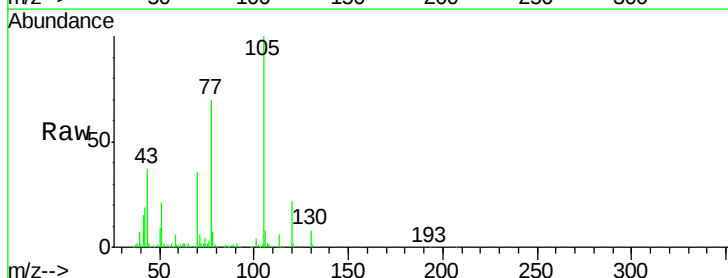


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

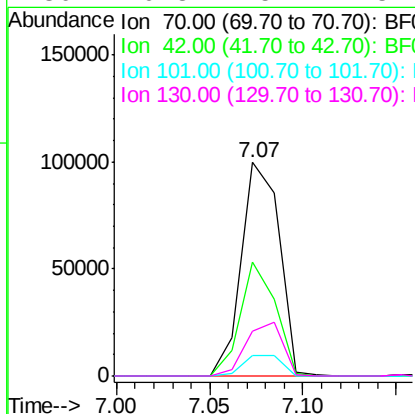
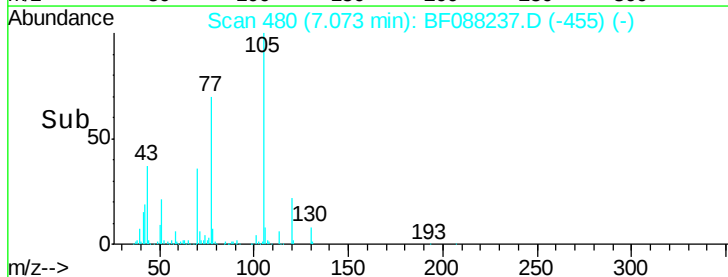


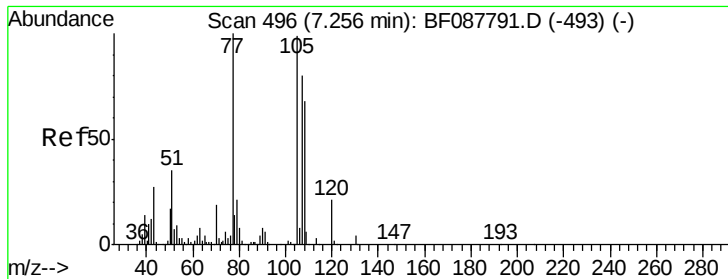
#19
n-Nitroso-di-n-propylamine
Concen: 36.30 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion: 70 Resp: 141026
Ion Ratio Lower Upper
70 100
42 53.2 49.6 74.4
101 9.6 7.1 10.7
130 20.8 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: 42.24 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

ClientSampleId :

PB91486BSD

Tgt Ion:107 Resp: 237052

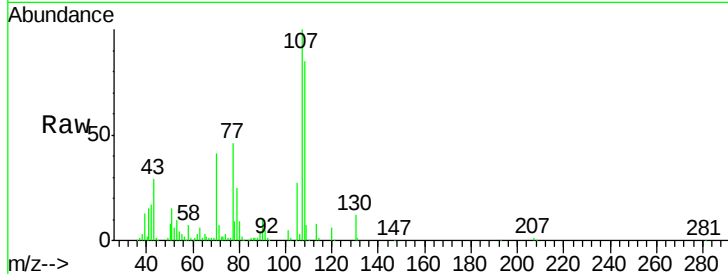
Ion Ratio Lower Upper

107 100

108 85.1 67.8 107.8

77 46.0 59.3 99.3#

79 25.1 7.0 47.0



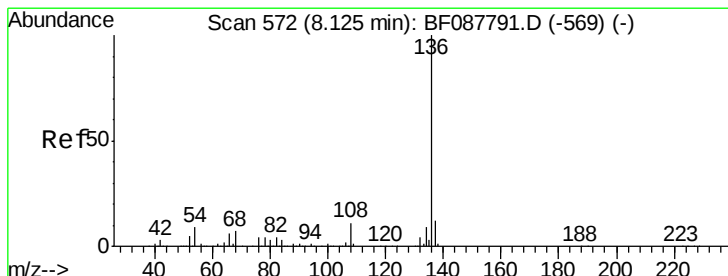
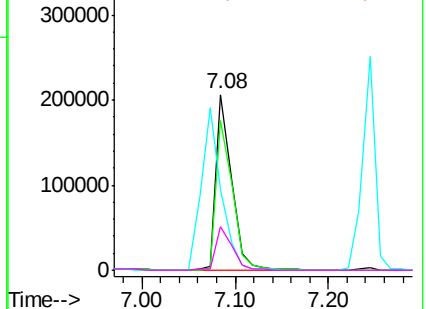
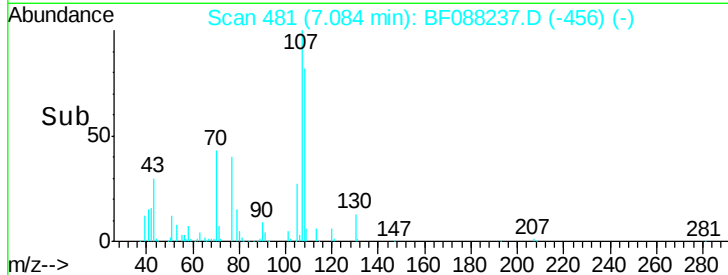
Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Tgt Ion:136 Resp: 331811

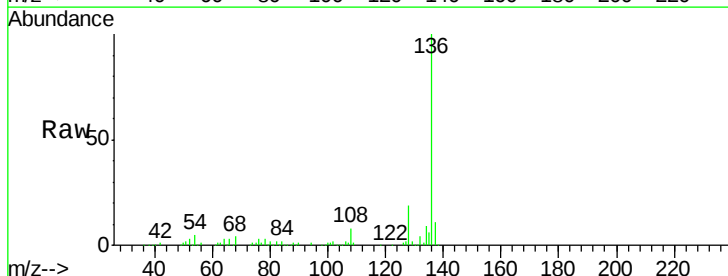
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 4.7 6.6 10.0#

68 4.3 5.1 7.7#



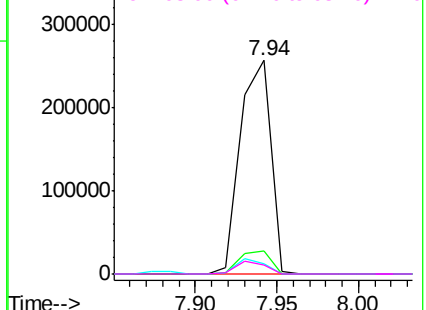
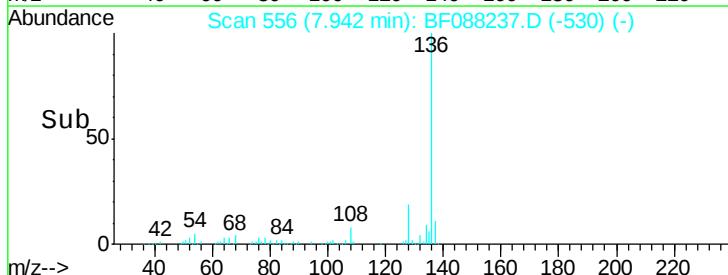
Abundance

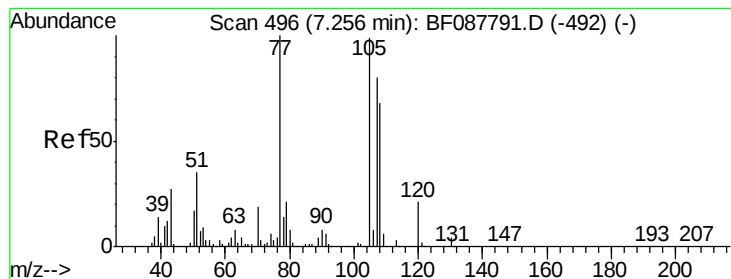
Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 41.08 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

ClientSampleId :

PB91486BSD

Tgt Ion: 105 Resp: 304607

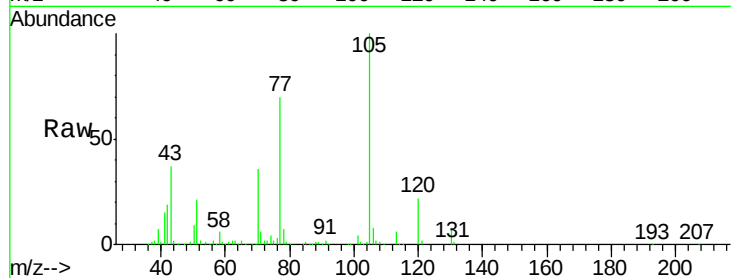
Ion Ratio Lower Upper

105 100

71 6.1 5.3 7.9

51 21.1 18.2 27.4

120 21.8 18.0 27.0

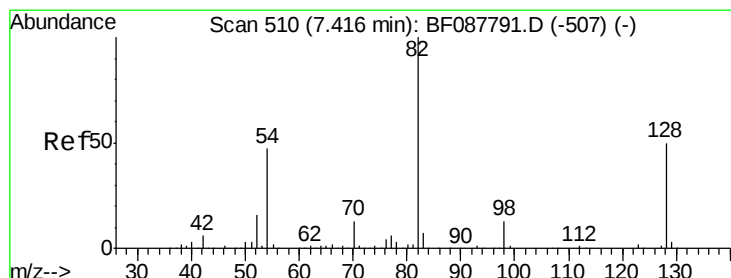
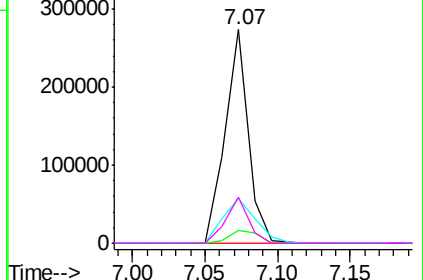
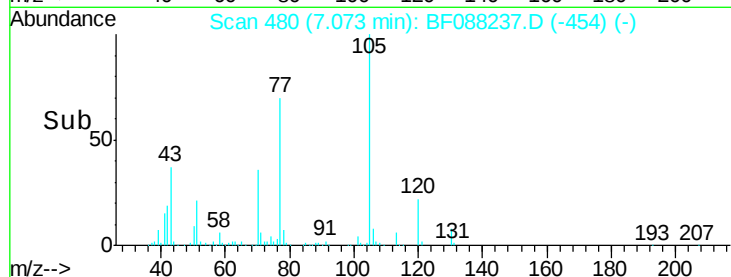


Abundance Ion 105.00 (104.70 to 105.70): E

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: 77.32 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

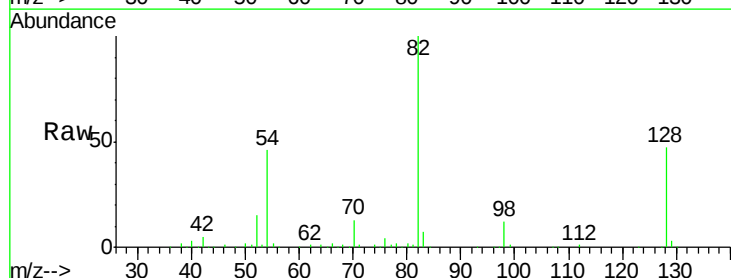
Tgt Ion: 82 Resp: 439355

Ion Ratio Lower Upper

82 100

128 46.7 35.9 53.9

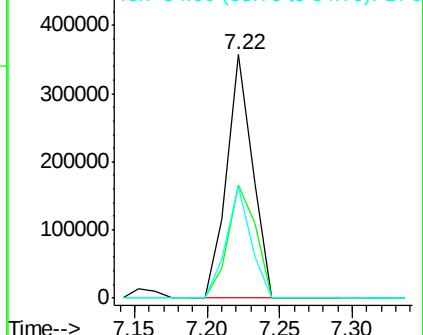
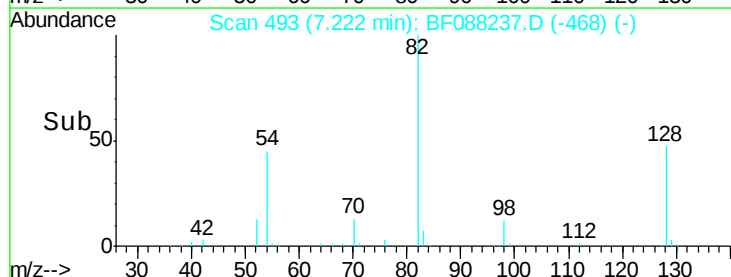
54 46.1 40.9 61.3

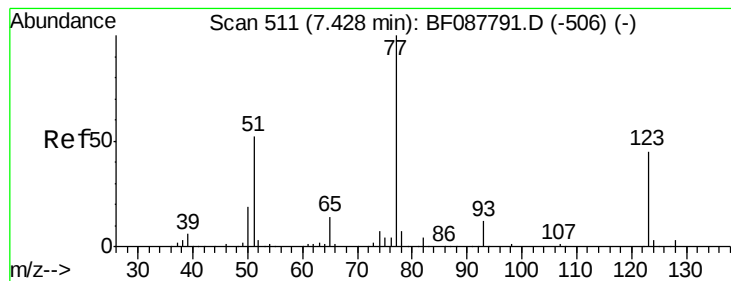


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 43.07 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

ClientSampleId :

PB91486BSD

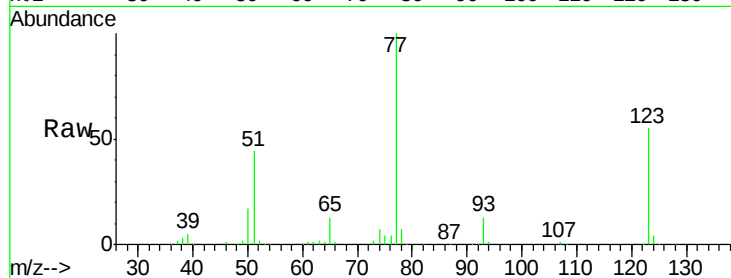
Tgt Ion: 77 Resp: 237069

Ion Ratio Lower Upper

77 100

123 54.6 45.0 67.4

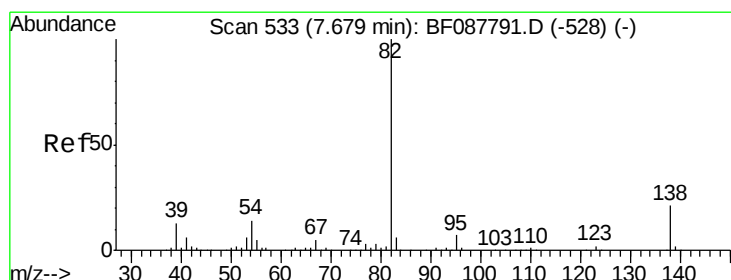
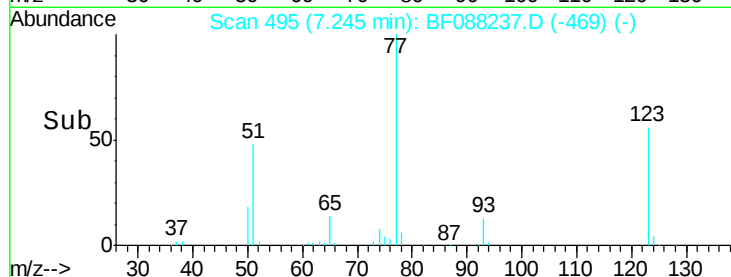
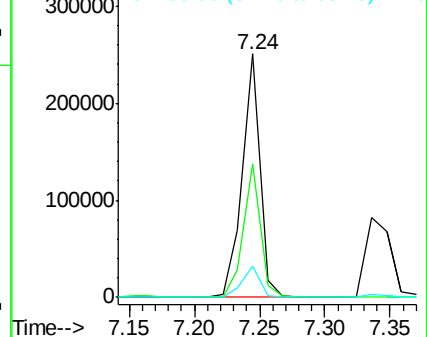
65 12.8 10.2 15.2



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: 39.93 ng

RT: 7.48 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

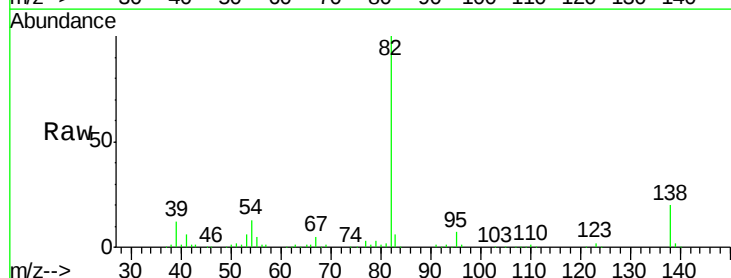
Tgt Ion: 82 Resp: 420307

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

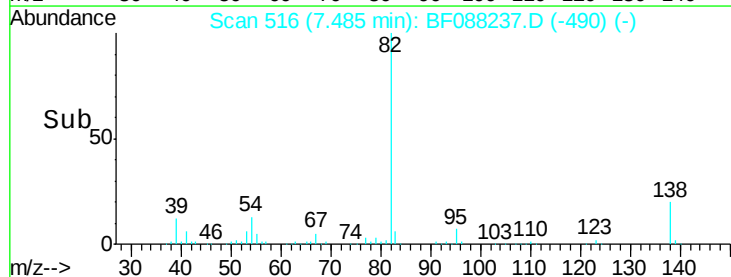
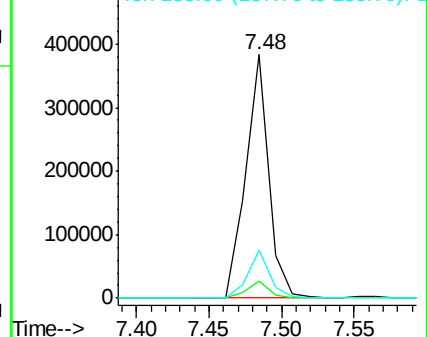
138 19.5 14.6 21.8



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

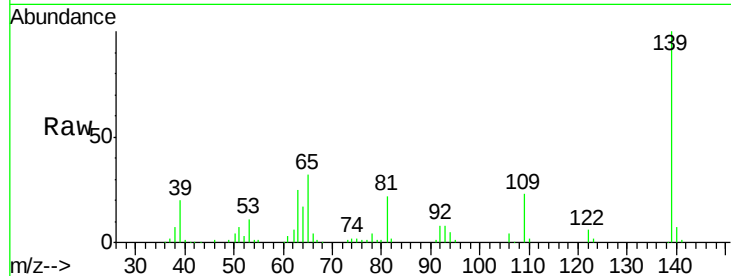




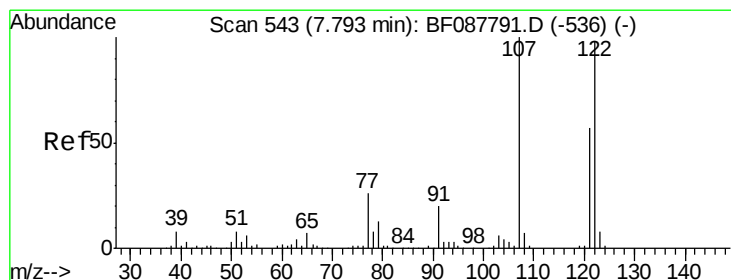
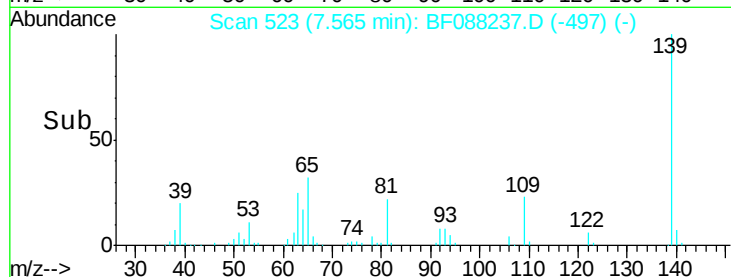
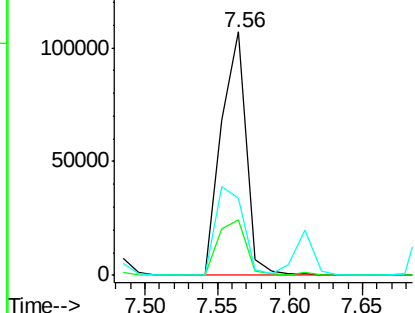
#26
2-Nitrophenol
Concen: 43.24 ng
RT: 7.56 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tgt Ion:139 Resp: 127484
Ion Ratio Lower Upper
139 100
109 23.0 23.0 34.4
65 31.9 45.8 68.8#

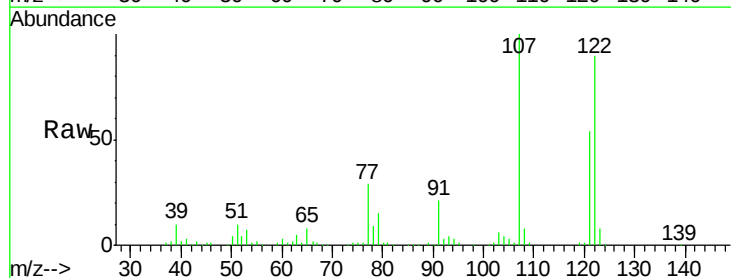


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

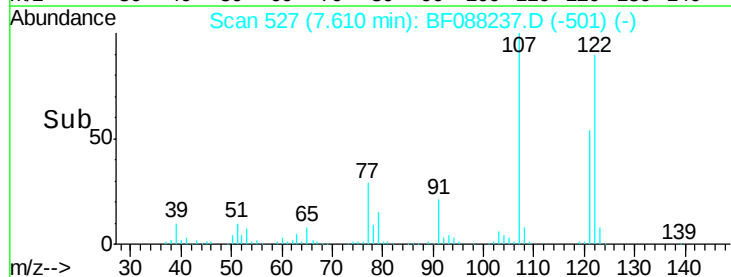
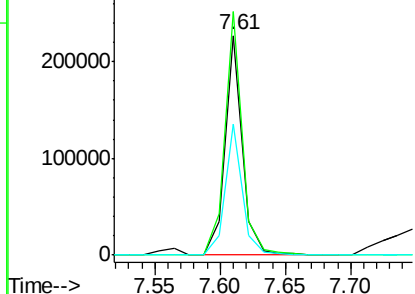


#27
2,4-Dimethylphenol
Concen: 38.39 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion:122 Resp: 208405
Ion Ratio Lower Upper
122 100
107 110.9 82.4 123.6
121 59.4 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

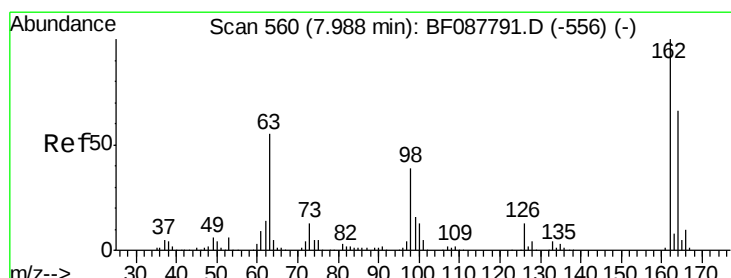
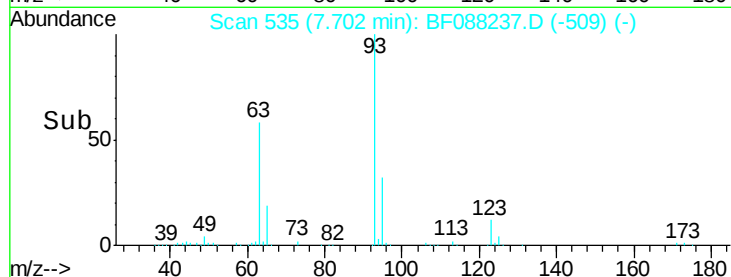
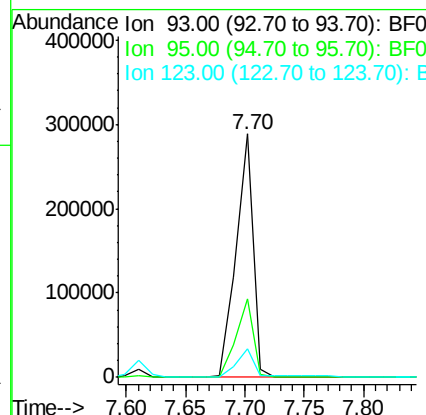
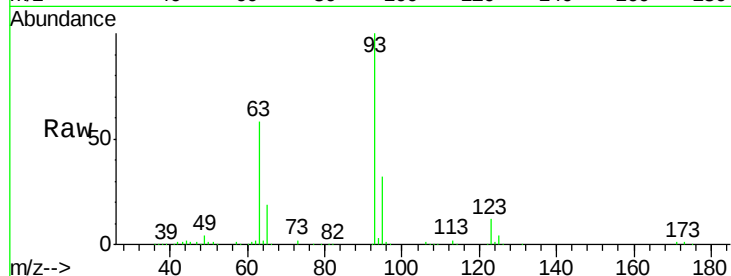




#28
bis(2-Chloroethoxy)methane
Concen: 44.35 ng
RT: 7.70 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

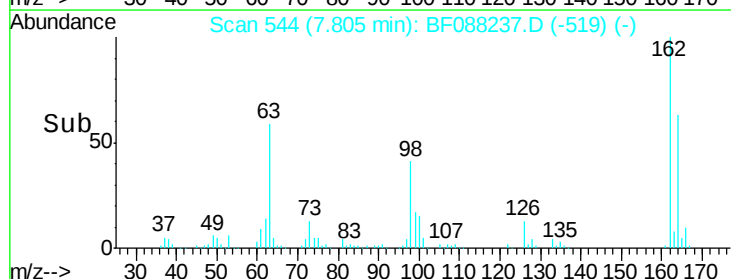
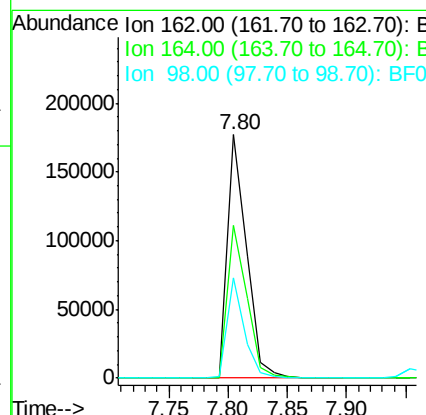
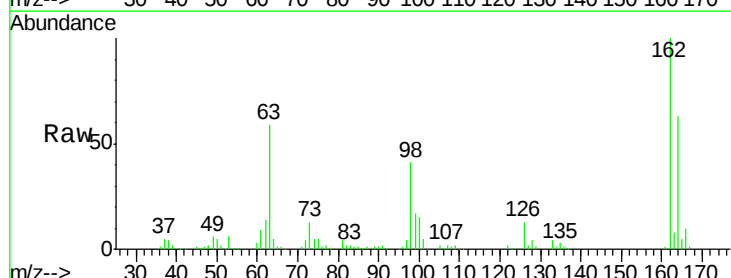
Instrument :
BNA_F
ClientSampleId :
PB91486BSD

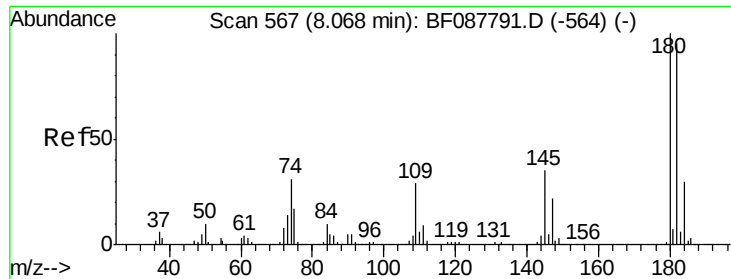
Tgt Ion: 93 Resp: 289523
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 11.5 11.6 17.4#



#29
2,4-Dichlorophenol
Concen: 43.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion: 162 Resp: 194919
Ion Ratio Lower Upper
162 100
164 63.0 43.8 83.8
98 41.4 21.3 61.3

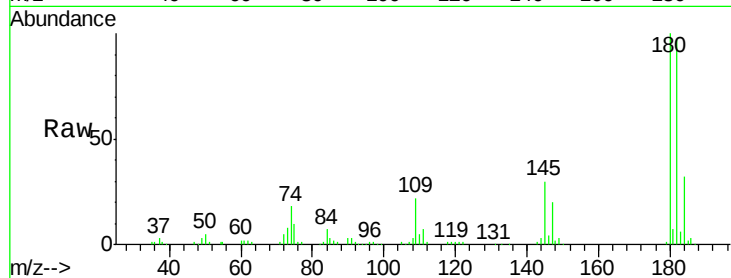




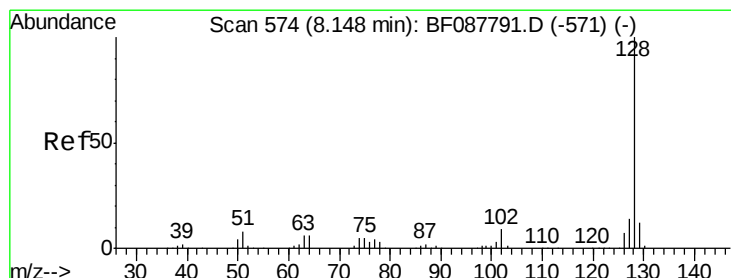
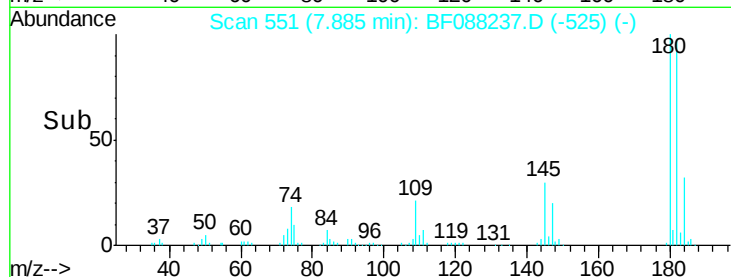
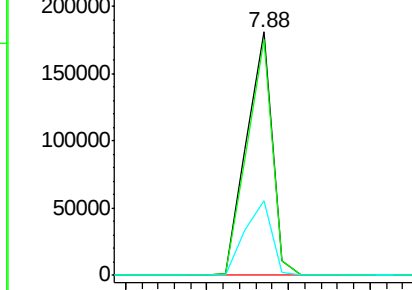
#30
 1,2,4-Trichlorobenzene
 Concen: 39.84 ng
 RT: 7.88 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BSD

Tgt Ion:180 Resp: 196639
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.0 114.0
 145 30.5 26.5 39.7

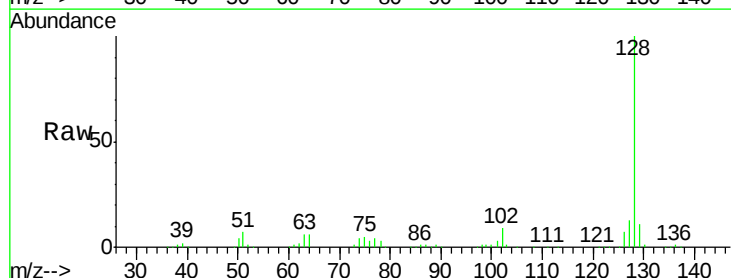


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

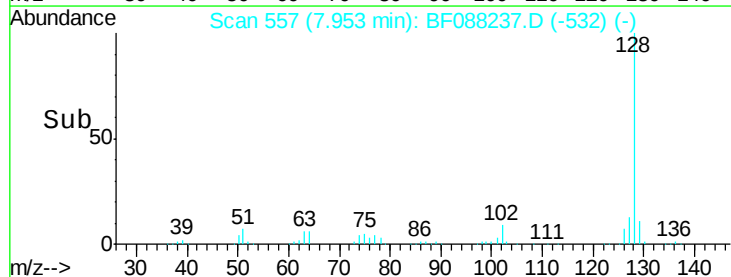
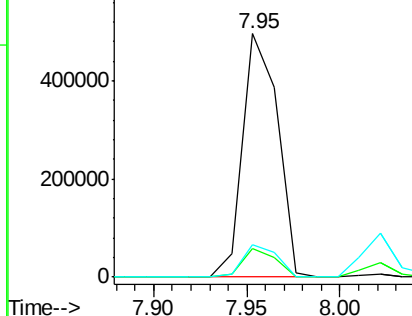


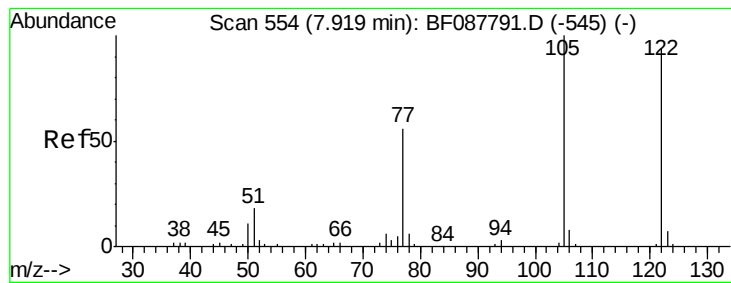
#31
 Naphthalene
 Concen: 39.38 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Tgt Ion:128 Resp: 646658
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.4 14.2
 127 13.1 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: 35.04 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

ClientSampleId :

PB91486BSD

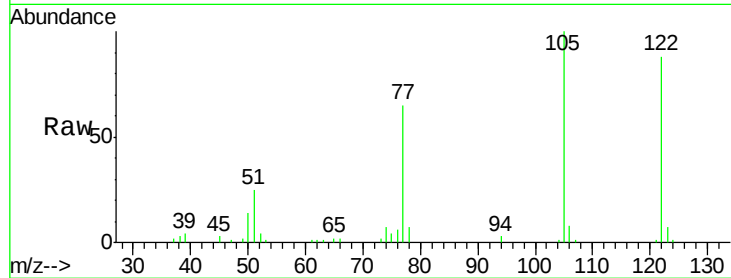
Tgt Ion:122 Resp: 104731

Ion Ratio Lower Upper

122 100

105 113.9 101.6 141.6

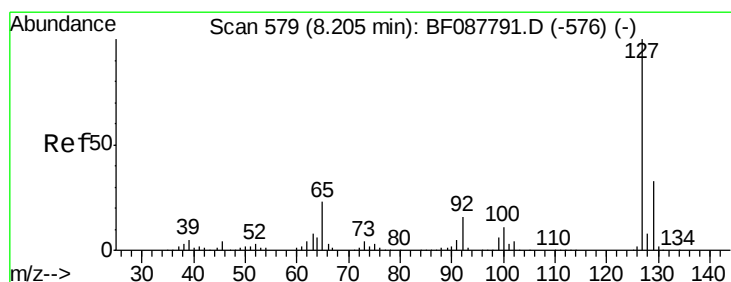
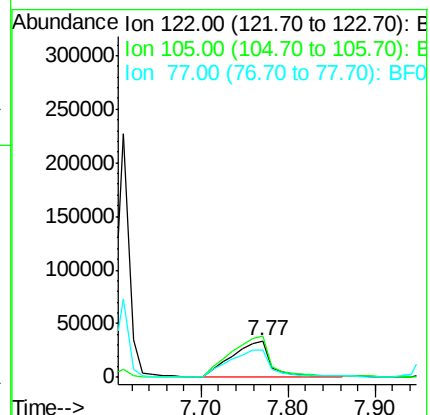
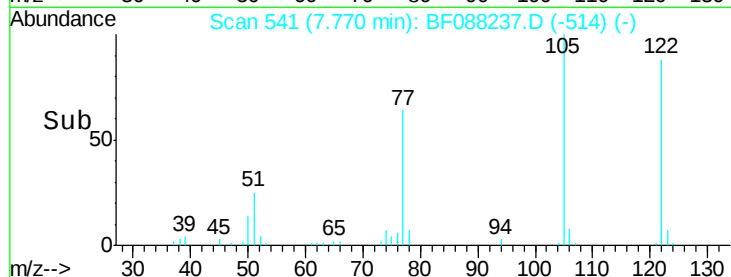
77 74.0 70.6 110.6



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: 16.34 ng

RT: 8.02 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Tgt Ion:127 Resp: 119844

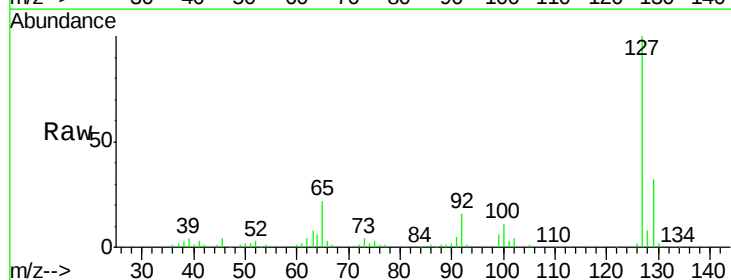
Ion Ratio Lower Upper

127 100

129 32.3 26.3 39.5

65 21.7 24.7 37.1#

92 15.5 15.4 23.0

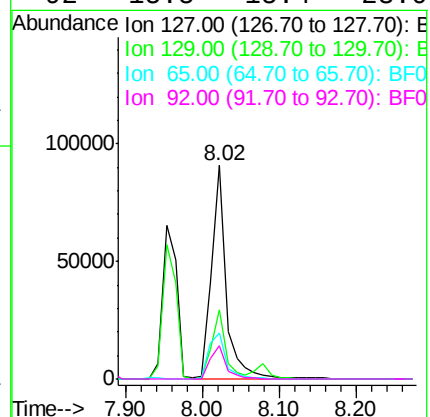
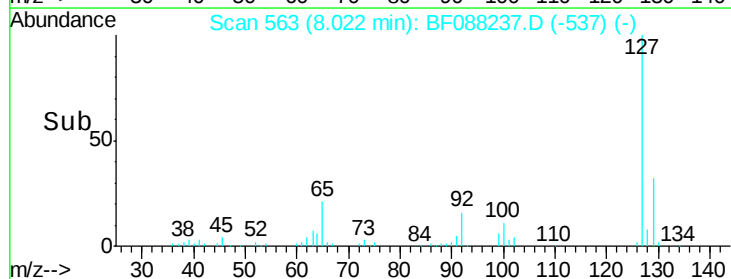


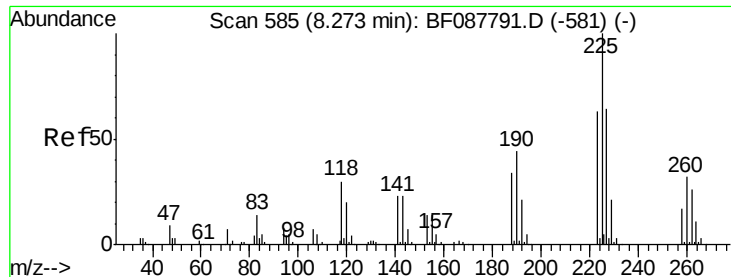
Abundance Ion 127.00 (126.70 to 127.70): E

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

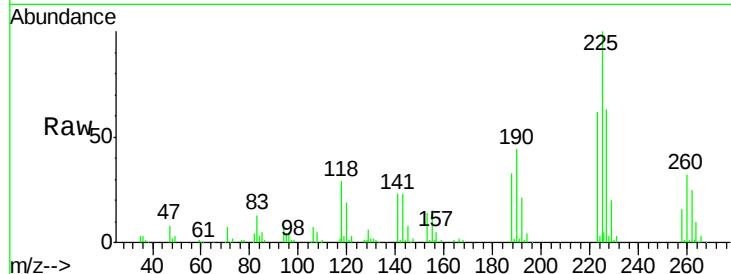




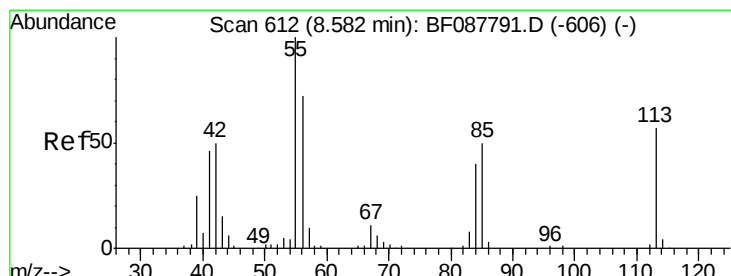
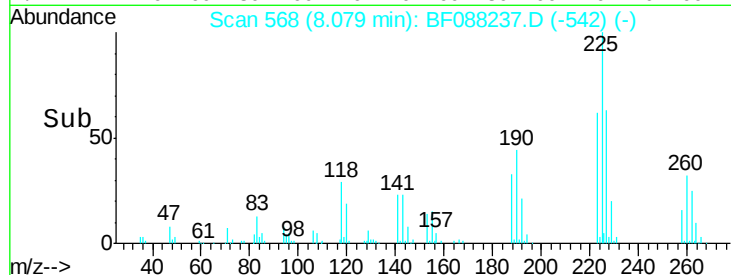
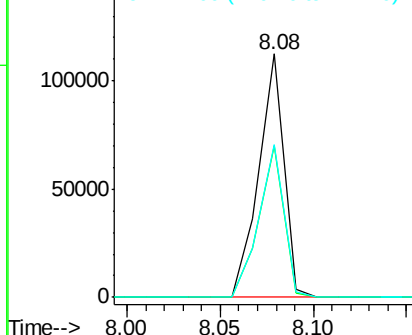
#34
Hexachlorobutadiene
Concen: 40.33 ng
RT: 8.08 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tgt Ion: 225 Resp: 104981
Ion Ratio Lower Upper
225 100
223 62.3 50.9 76.3
227 63.0 51.9 77.9

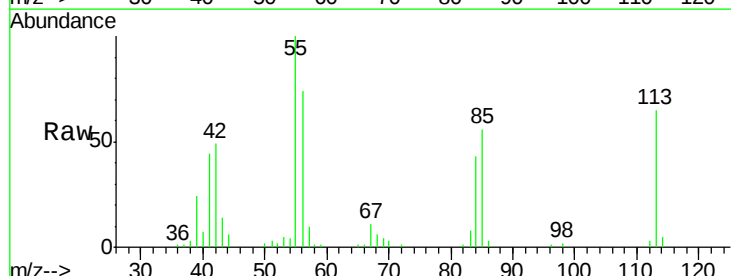


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

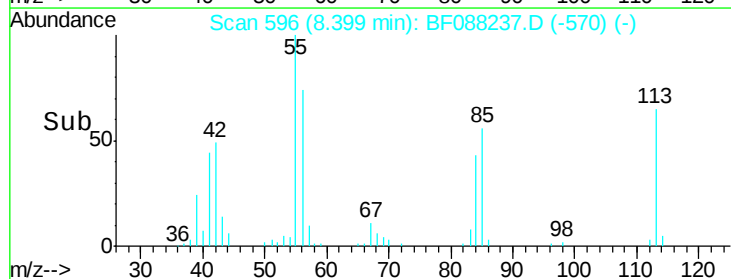
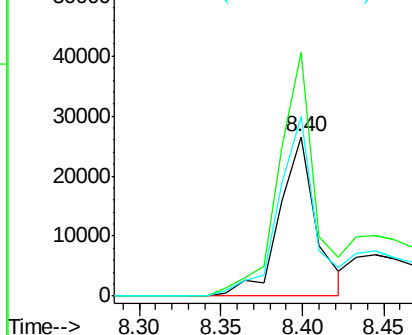


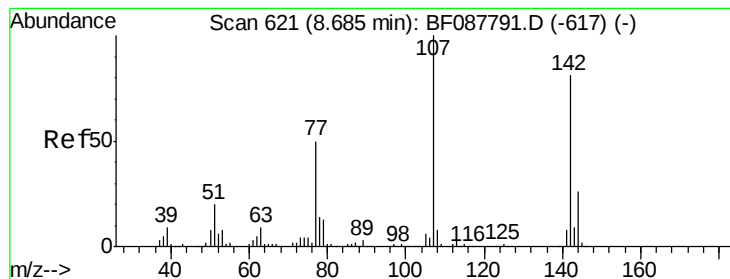
#35
Caprolactam
Concen: 27.36 ng
RT: 8.40 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion: 113 Resp: 41082
Ion Ratio Lower Upper
113 100
55 152.8 158.6 198.6#
56 112.6 110.6 150.6



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: 42.42 ng

RT: 8.52 min Scan# 607

Delta R.T. 0.01 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

ClientSampleId :

PB91486BSD

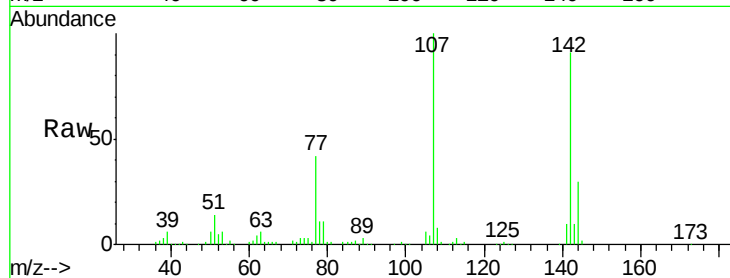
Tgt Ion:107 Resp: 205622

Ion Ratio Lower Upper

107 100

144 29.8 20.8 31.2

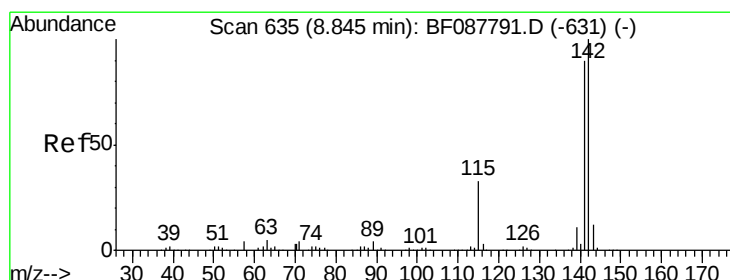
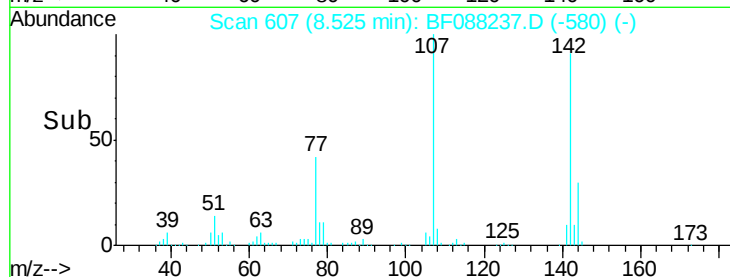
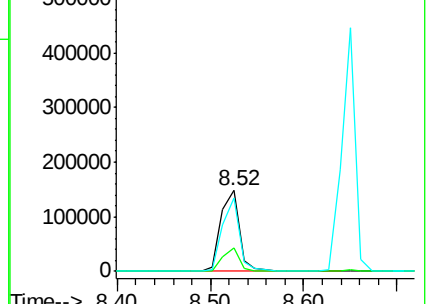
142 90.9 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 41.68 ng

RT: 8.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

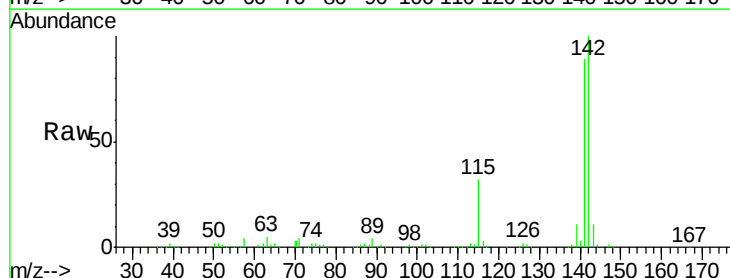
Tgt Ion:142 Resp: 451052

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6

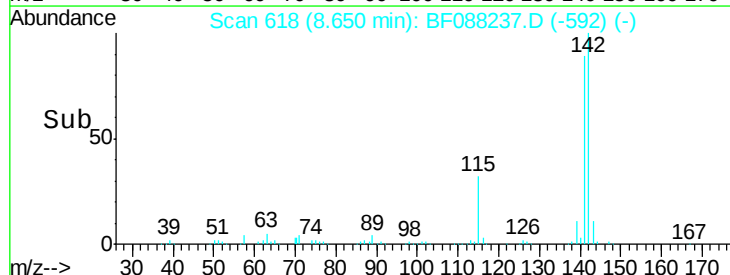
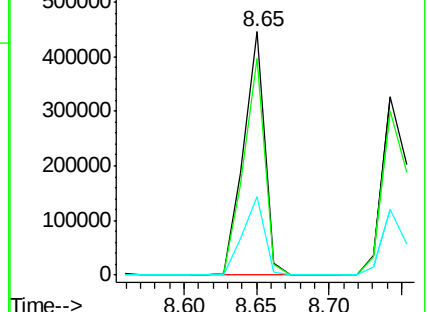
115 32.3 22.6 33.8

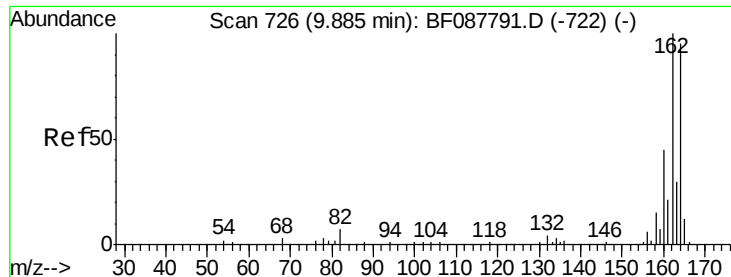


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

ClientSampleId :

PB91486BSD

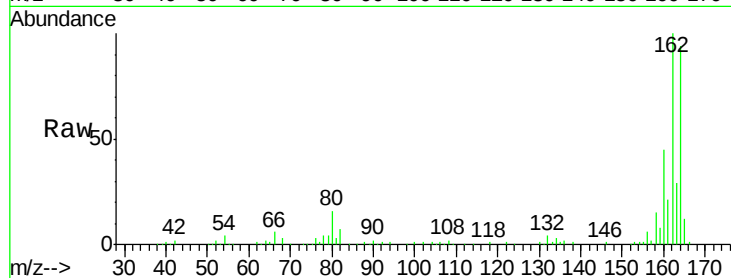
Tgt Ion:164 Resp: 158835

Ion Ratio Lower Upper

164 100

162 106.5 85.4 128.2

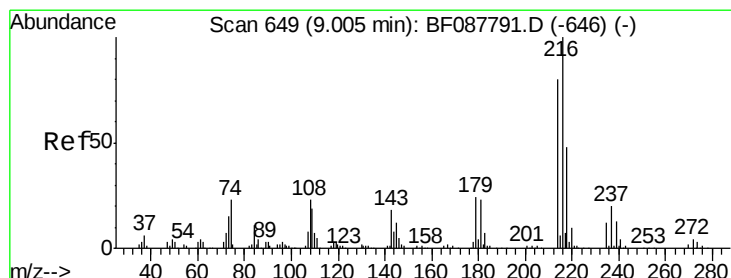
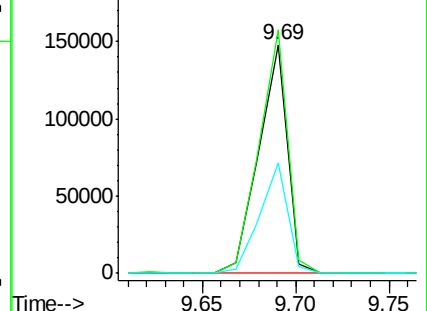
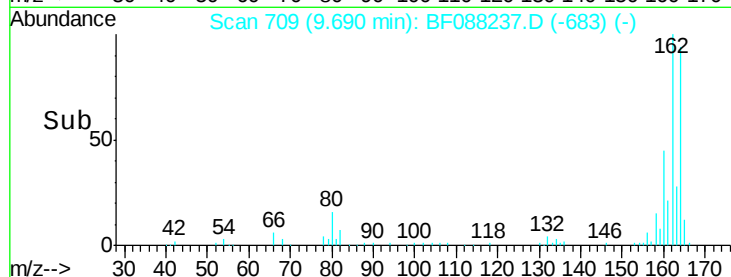
160 48.2 39.5 59.3



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: 44.21 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Tgt Ion:216 Resp: 183854

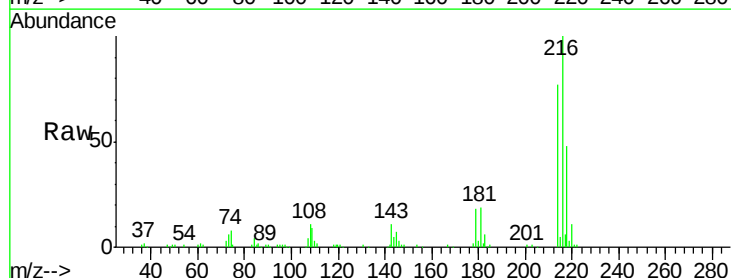
Ion Ratio Lower Upper

216 100

214 78.5 2.9 4.3#

179 21.5 0.0 0.0#

108 20.0 0.5 0.7#

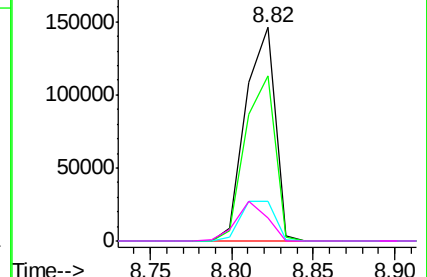
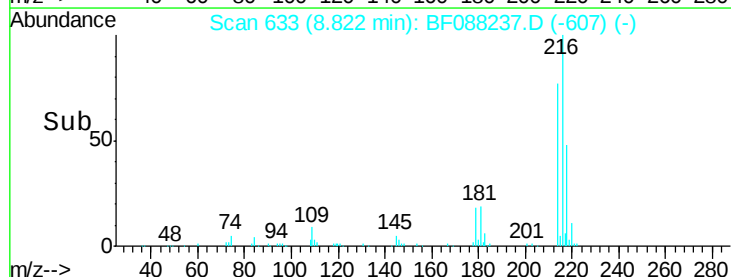


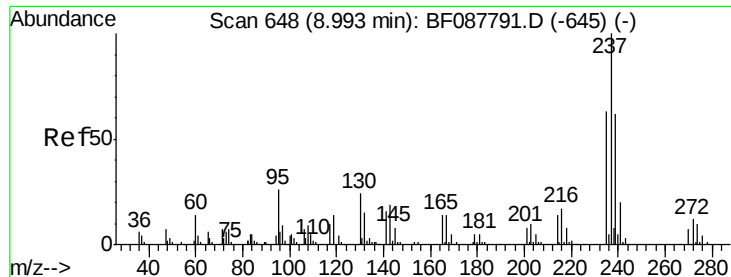
Abundance Ion 216.00 (215.70 to 216.70): E

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

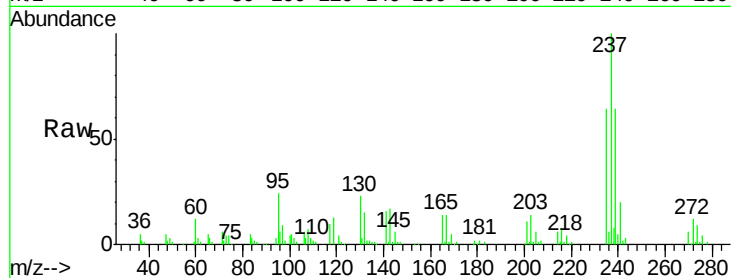




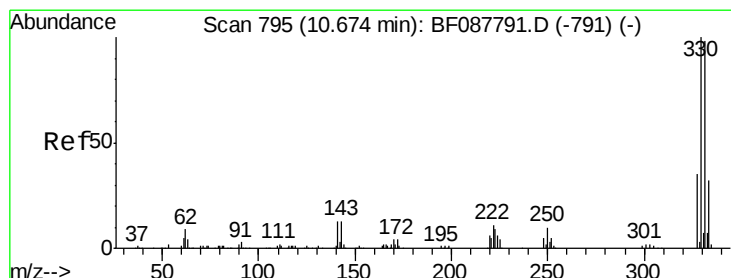
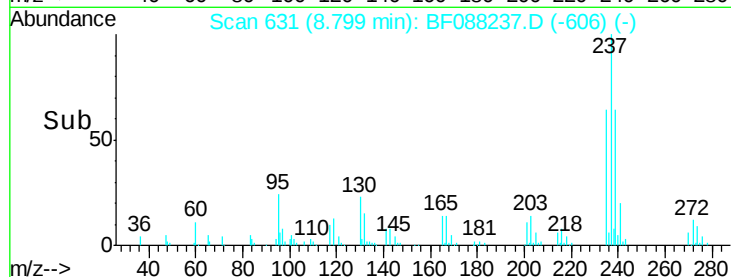
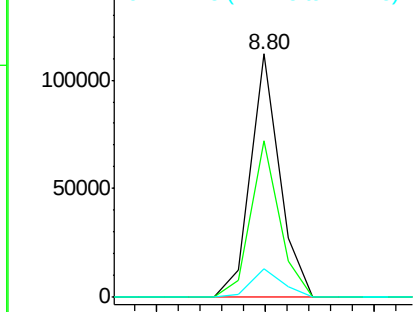
#40
Hexachlorocyclopentadiene
Concen: 40.72 ng
RT: 8.80 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.1	43.4	83.4
272	11.5	0.0	32.3

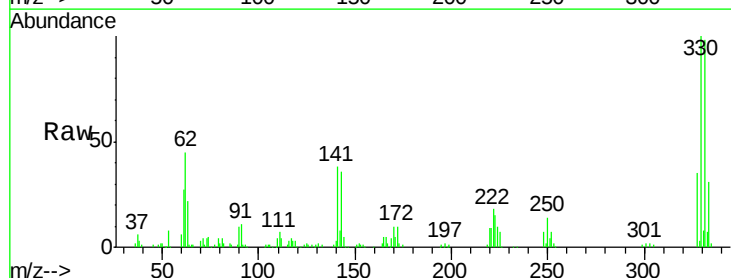


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

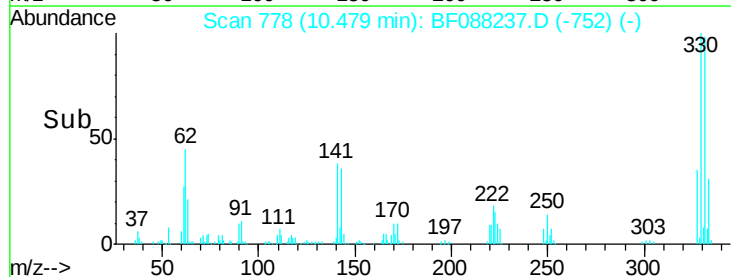
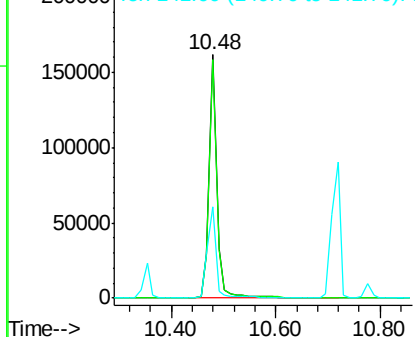


#41
2,4,6-Tribromophenol
Concen: 101.34 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	40.4	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

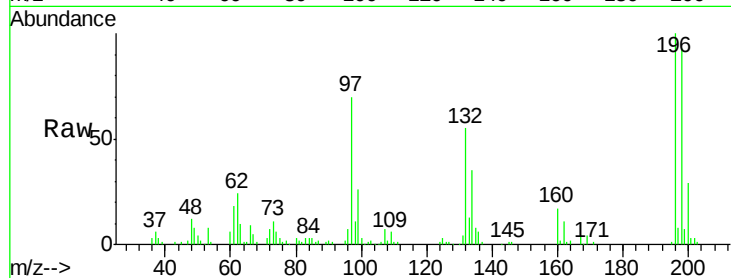




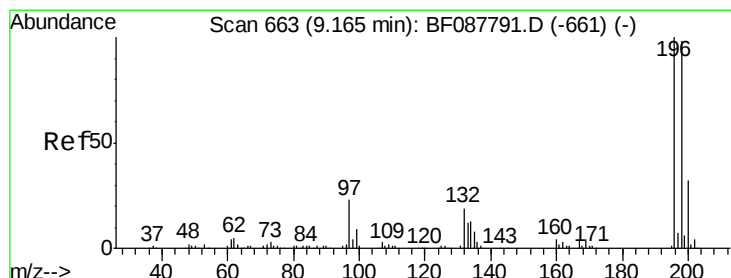
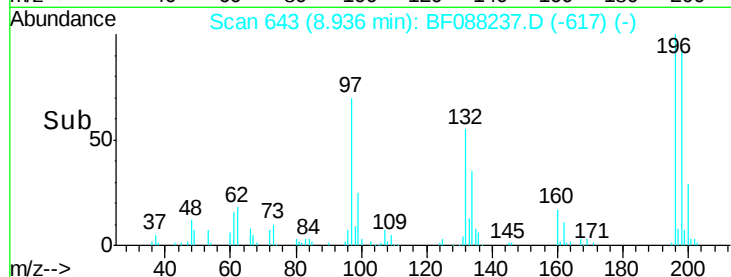
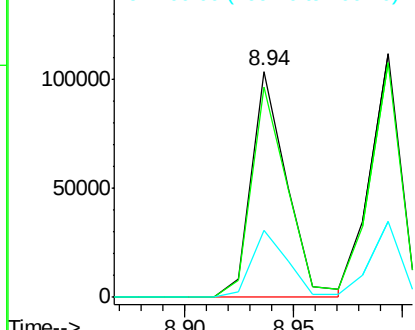
#42
 2,4,6-Trichlorophenol
 Concen: 36.88 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BSD

Tgt Ion:196 Resp: 117143
 Ion Ratio Lower Upper
 196 100
 198 93.0 78.0 117.0
 200 29.4 25.4 38.2

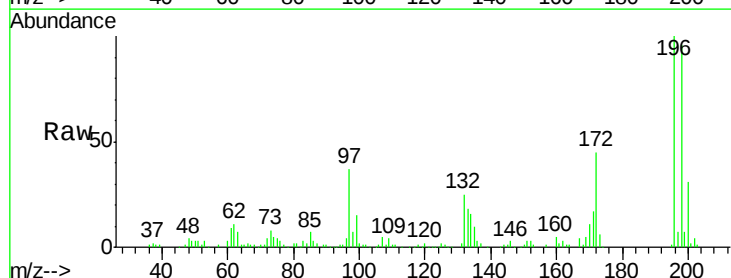


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

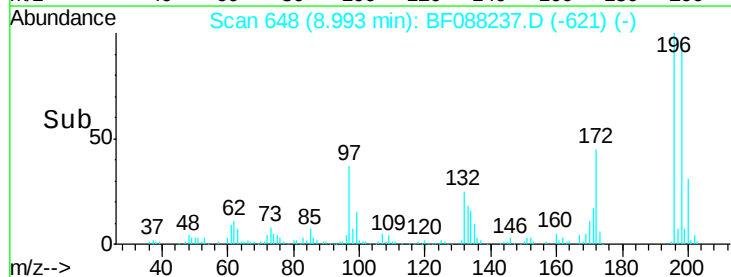
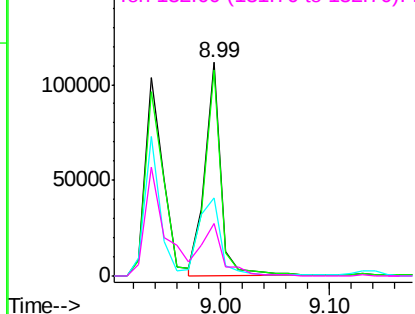


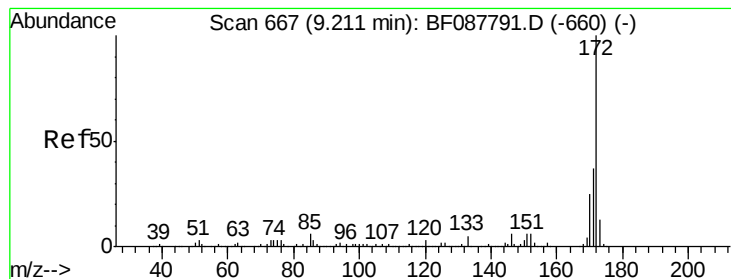
#43
 2,4,5-Trichlorophenol
 Concen: 34.99 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.01 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Tgt Ion:196 Resp: 115630
 Ion Ratio Lower Upper
 196 100
 198 96.4 77.5 116.3
 97 36.5 32.0 48.0
 132 24.9 20.9 31.3



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





#44

2-Fluorobiphenyl

Concen: 81.44 ng

RT: 9.02 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

ClientSampleId :

PB91486BSD

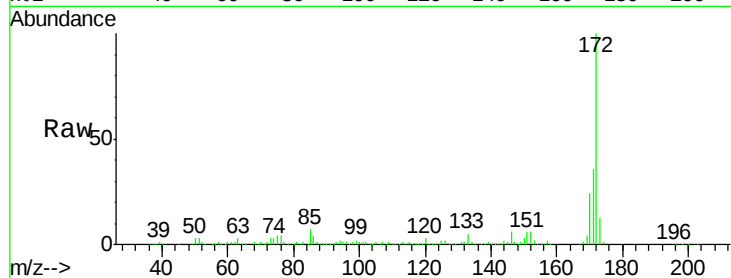
Tgt Ion:172 Resp: 825757

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

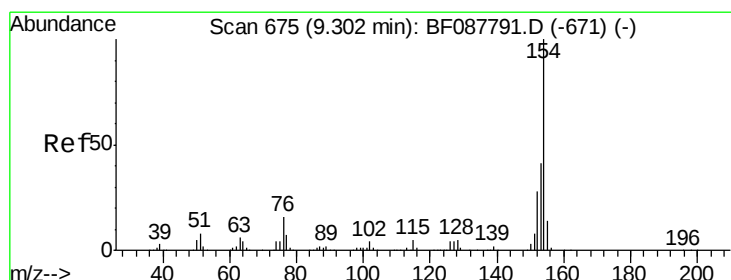
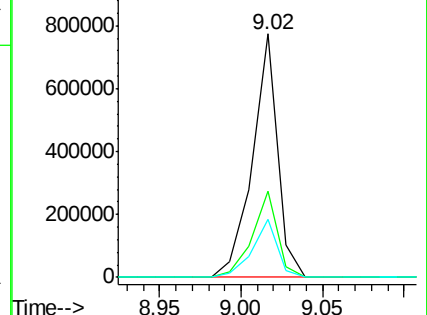
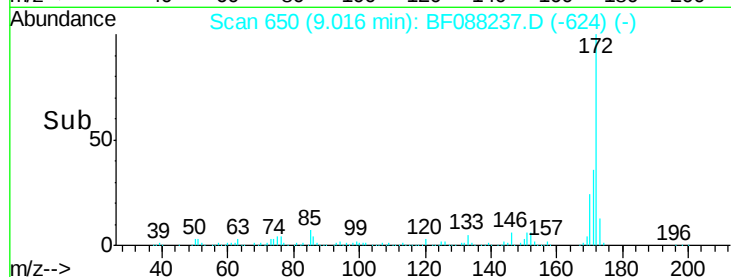
170 24.1 19.2 28.8



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: 46.49 ng

RT: 9.12 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

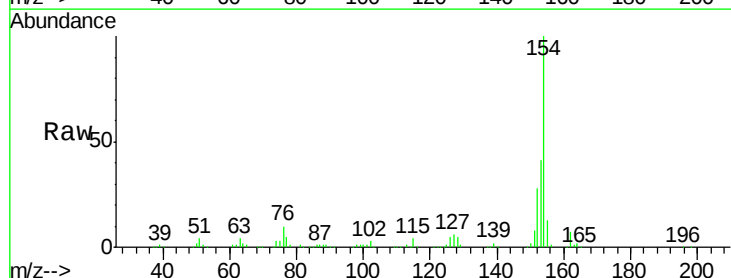
Tgt Ion:154 Resp: 551805

Ion Ratio Lower Upper

154 100

153 41.2 20.6 60.6

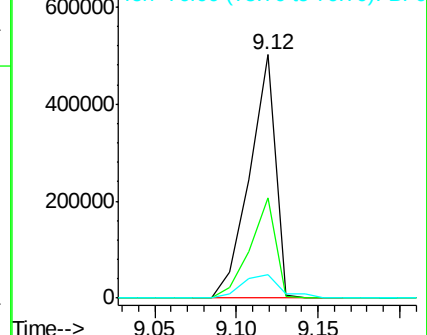
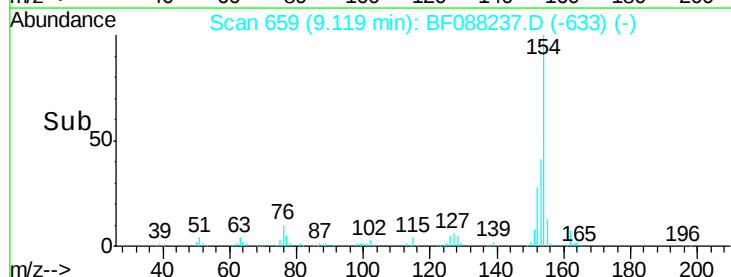
76 9.8 0.0 35.1

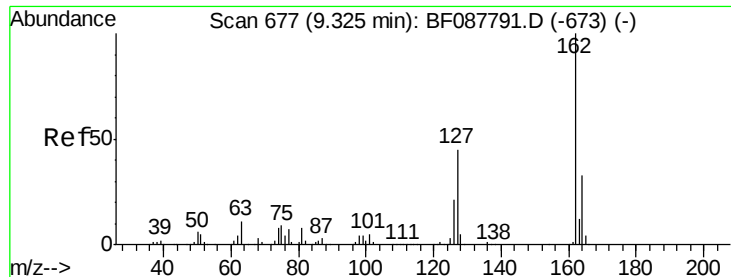


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

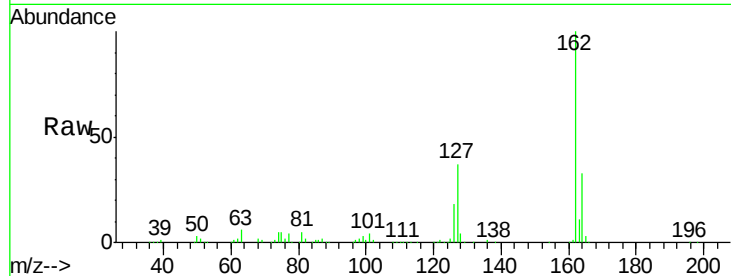




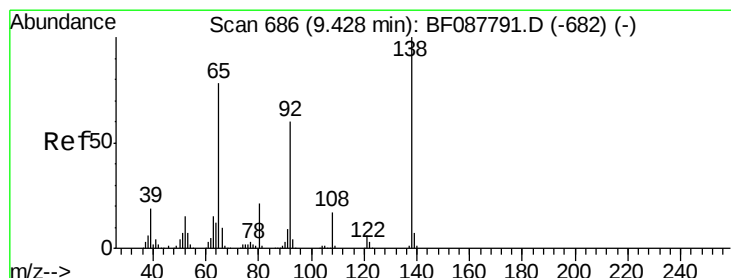
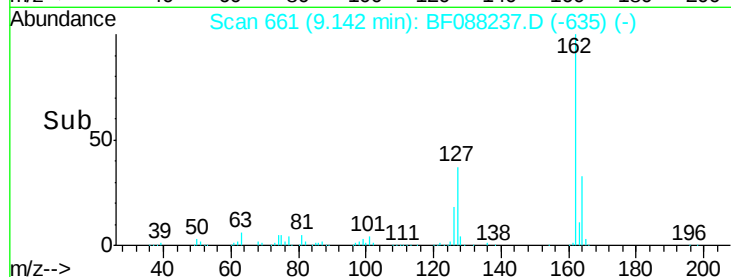
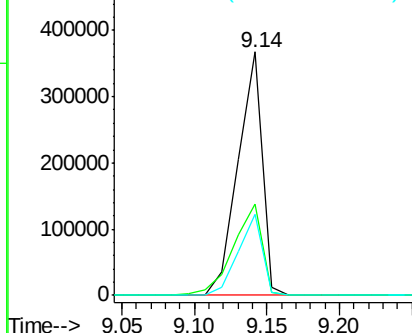
#46
 2-Chloronaphthalene
 Concen: 41.44 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BSD

Tgt Ion: 162 Resp: 425984
 Ion Ratio Lower Upper
 162 100
 127 37.3 35.2 52.8
 164 33.4 26.6 39.8

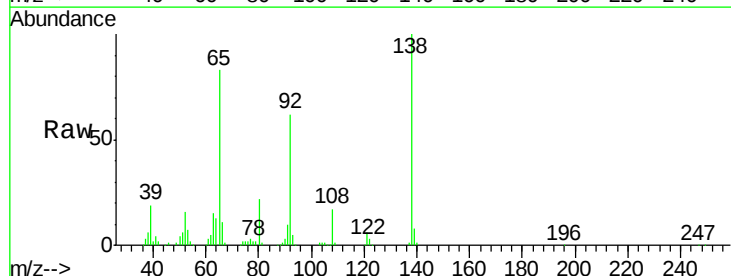


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

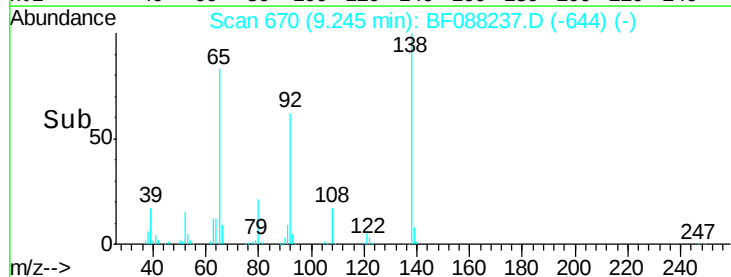
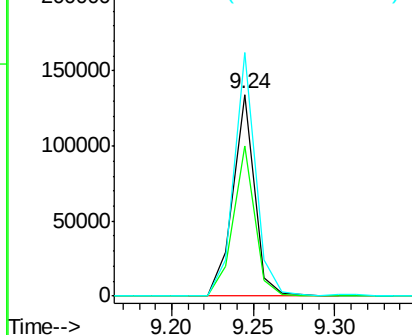


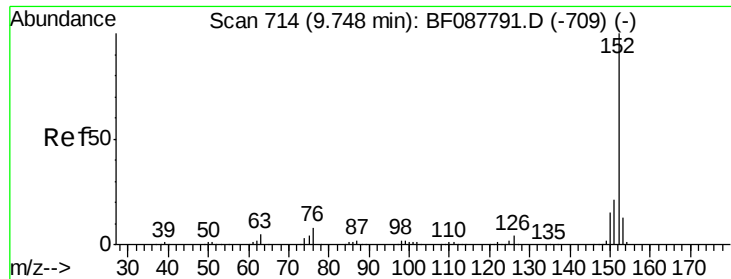
#47
 2-Nitroaniline
 Concen: 40.39 ng
 RT: 9.24 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Tgt Ion: 65 Resp: 122473
 Ion Ratio Lower Upper
 65 100
 92 74.6 54.6 82.0
 138 120.7 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: 40.12 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

ClientSampleId :

PB91486BSD

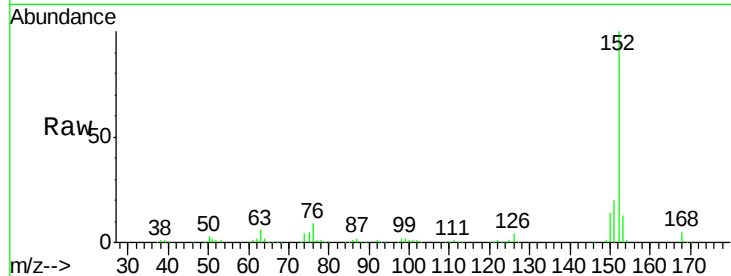
Tgt Ion:152 Resp: 655979

Ion Ratio Lower Upper

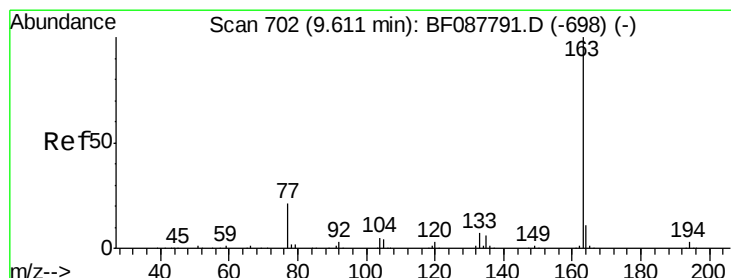
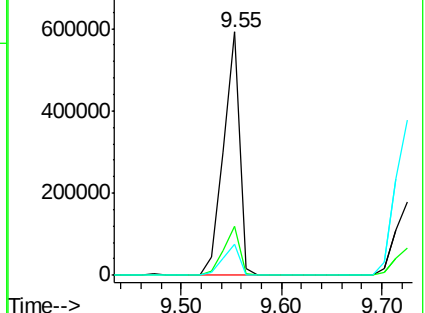
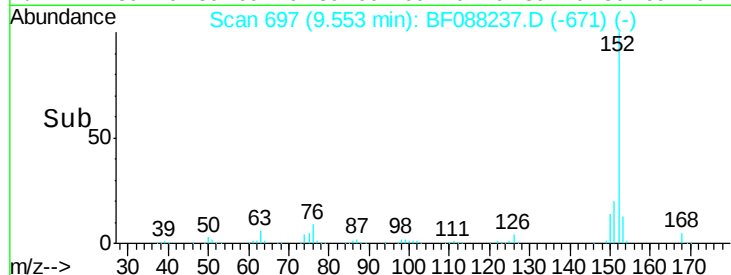
152 100

151 20.1 16.2 24.4

153 13.0 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: 43.07 ng

RT: 9.43 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

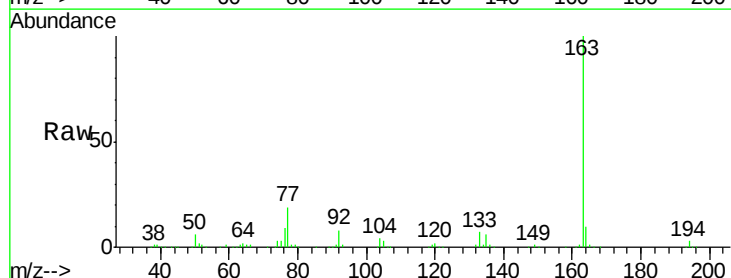
Tgt Ion:163 Resp: 495503

Ion Ratio Lower Upper

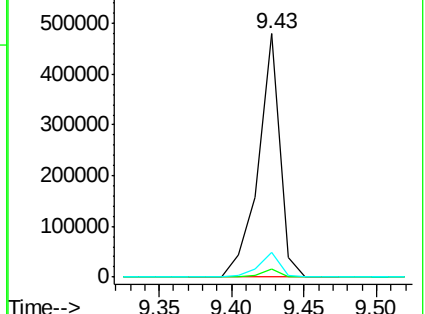
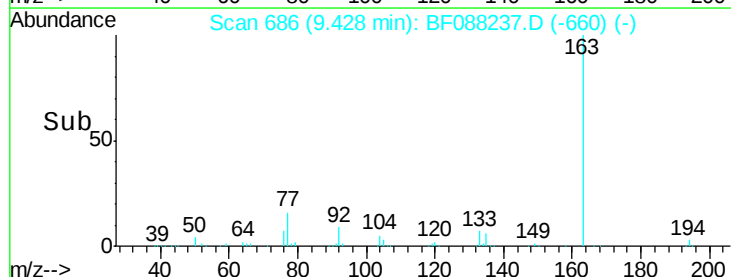
163 100

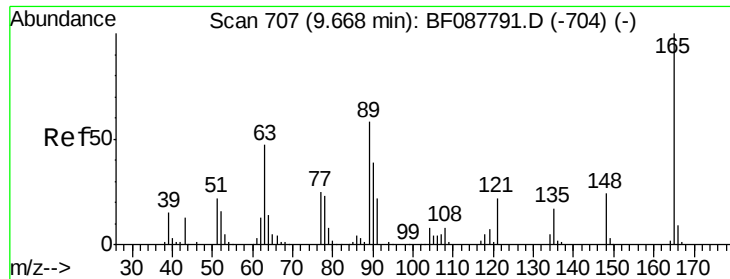
194 3.2 2.8 4.2

164 10.1 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

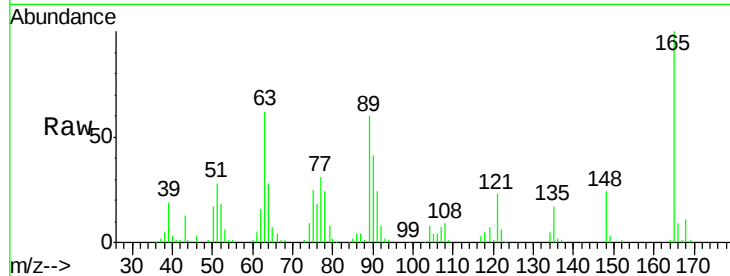




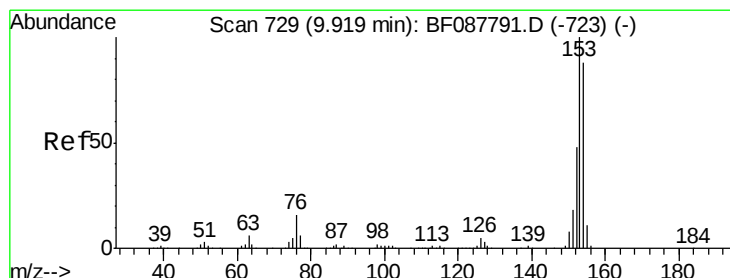
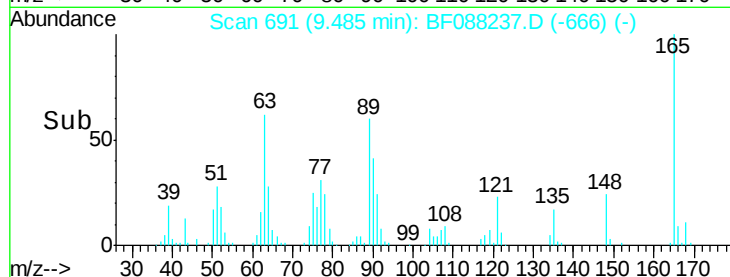
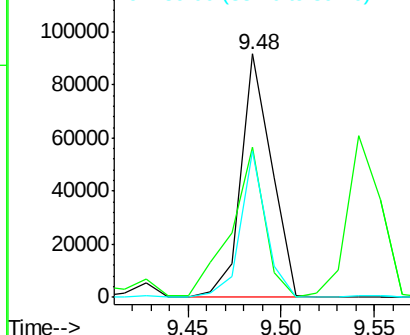
#50
2,6-Dinitrotoluene
Concen: 39.49 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tgt Ion:165 Resp: 104058
Ion Ratio Lower Upper
165 100
63 61.8 28.1 42.1#
89 60.3 32.2 48.2#

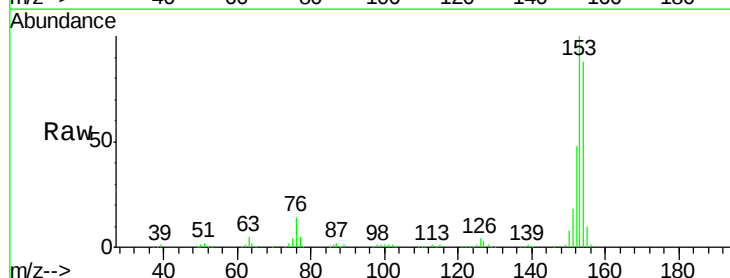


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

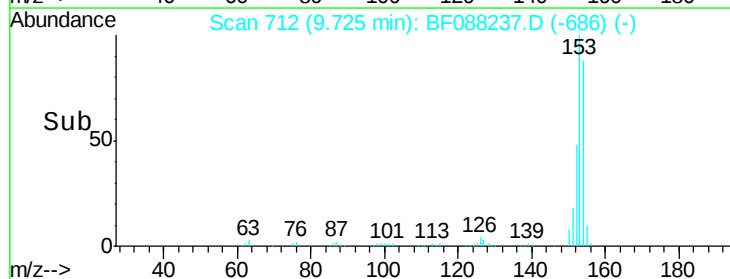
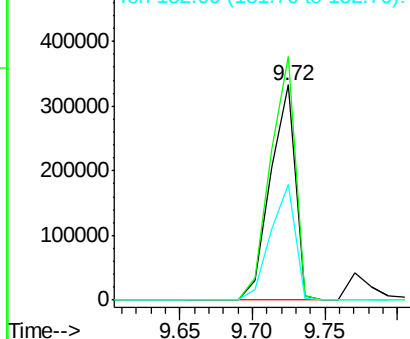


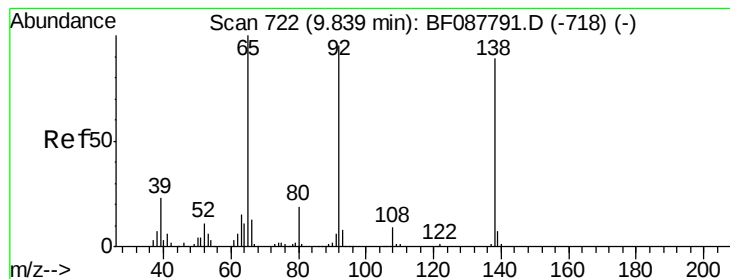
#51
Acenaphthene
Concen: 38.74 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion:154 Resp: 395069
Ion Ratio Lower Upper
154 100
153 113.1 89.5 134.3
152 53.8 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 22.93 ng

RT: 9.66 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

ClientSampleId :

PB91486BSD

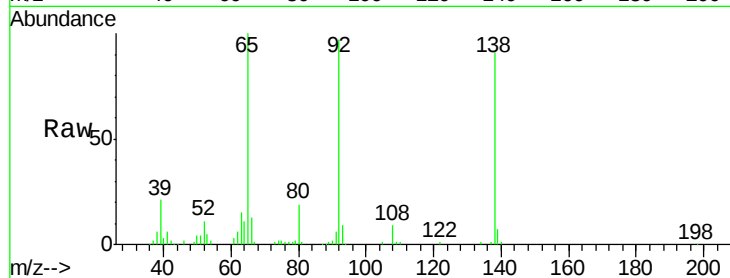
Tgt Ion:138 Resp: 69731

Ion Ratio Lower Upper

138 100

108 10.0 8.5 12.7

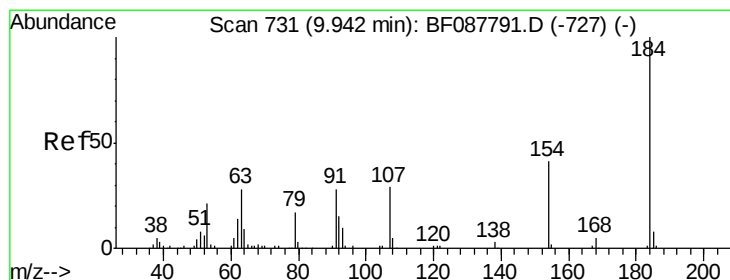
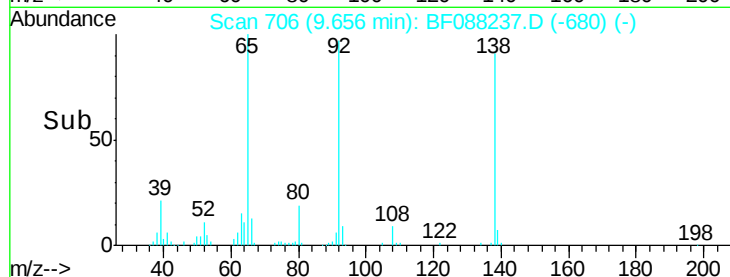
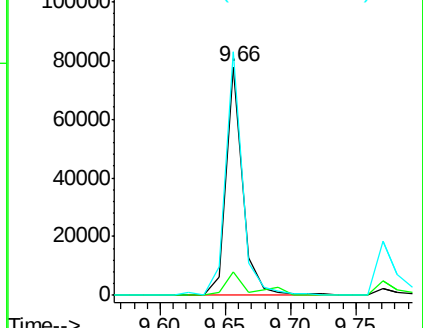
92 106.5 95.7 143.5



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: 62.89 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

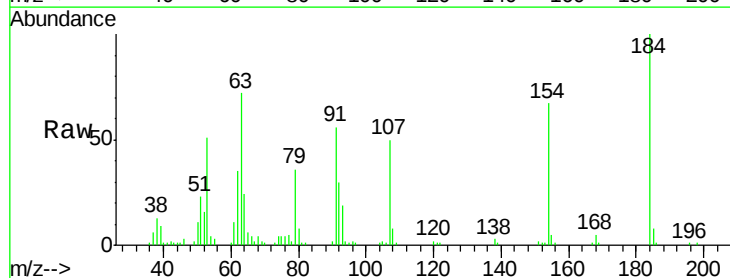
Tgt Ion:184 Resp: 85602

Ion Ratio Lower Upper

184 100

63 71.9 57.6 86.4

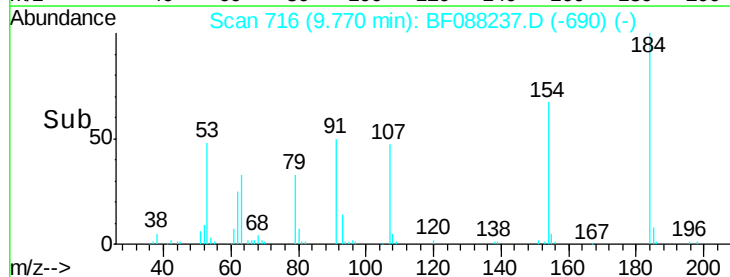
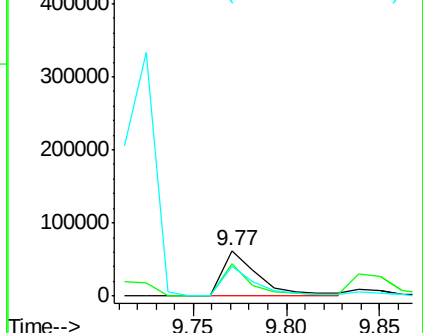
154 66.7 53.5 80.3

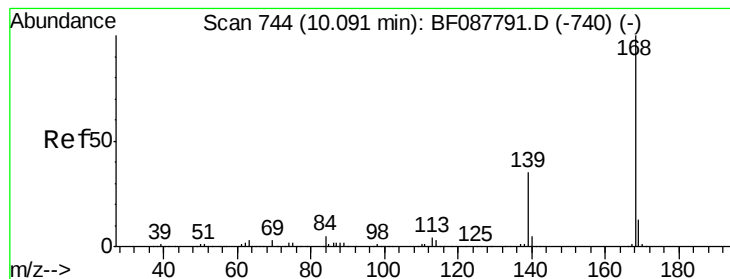


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 38.86 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

ClientSampleId :

PB91486BSD

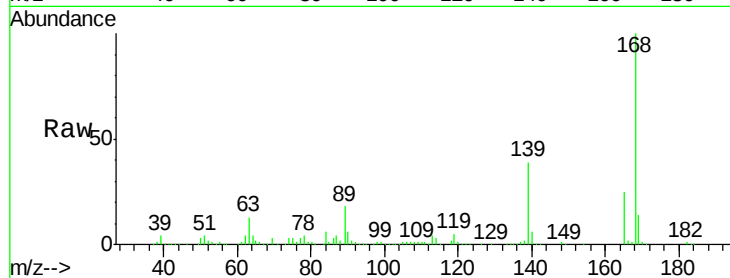
Tgt Ion:168 Resp: 545829

Ion Ratio Lower Upper

168 100

139 39.4 26.4 39.6

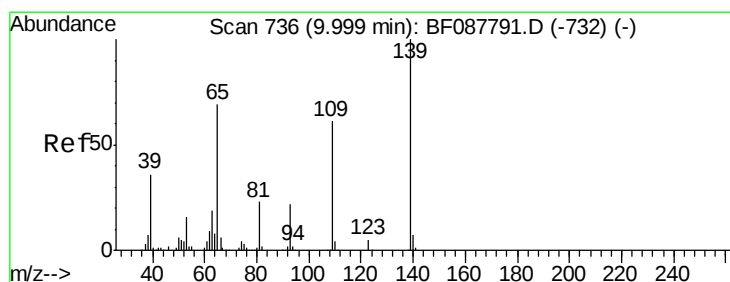
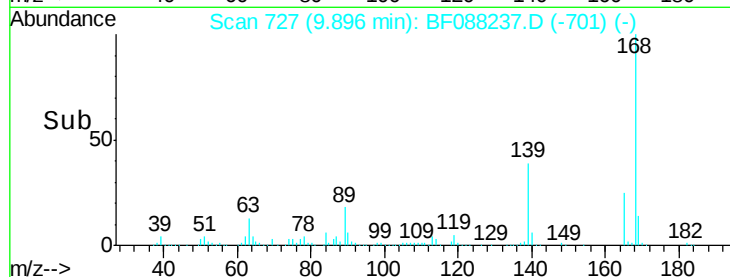
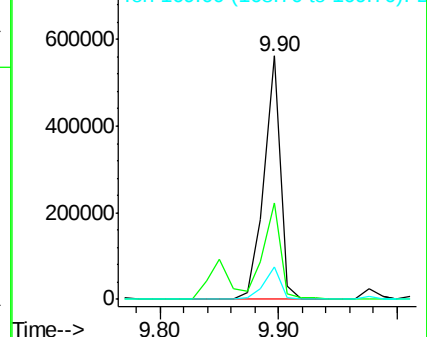
169 13.5 10.4 15.6



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: 51.59 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

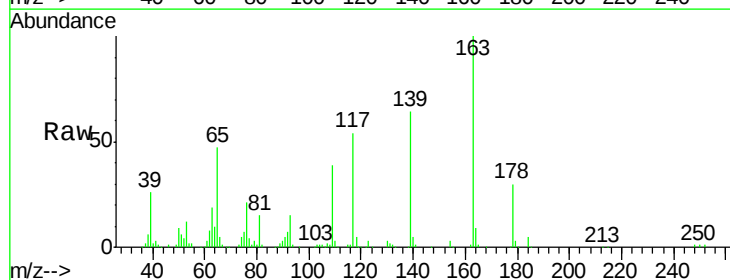
Tgt Ion:139 Resp: 121754

Ion Ratio Lower Upper

139 100

109 60.8 48.9 88.9

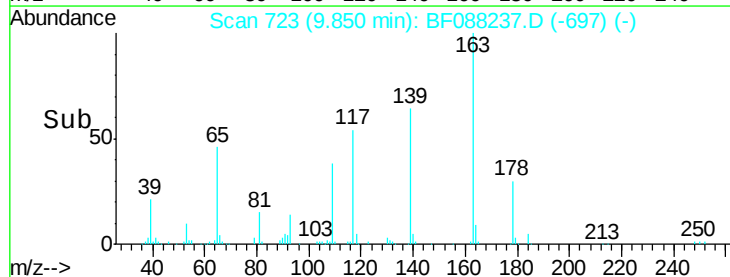
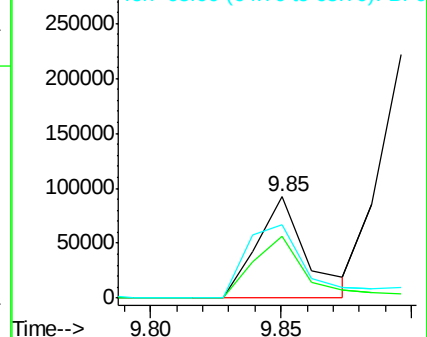
65 73.1 84.9 124.9#

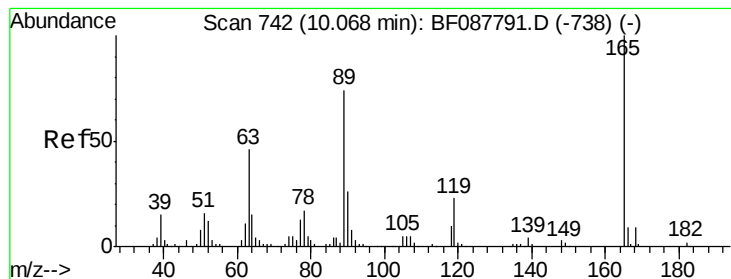


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 39.61 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

ClientSampleId :

PB91486BSD

Tgt Ion:165 Resp: 134143

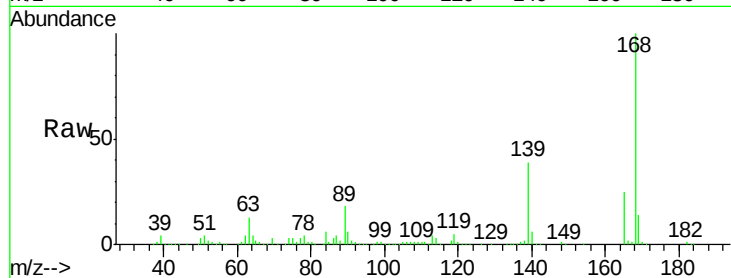
Ion Ratio Lower Upper

165 100

63 51.1 22.0 33.0#

89 73.1 41.1 61.7#

182 2.4 2.0 3.0

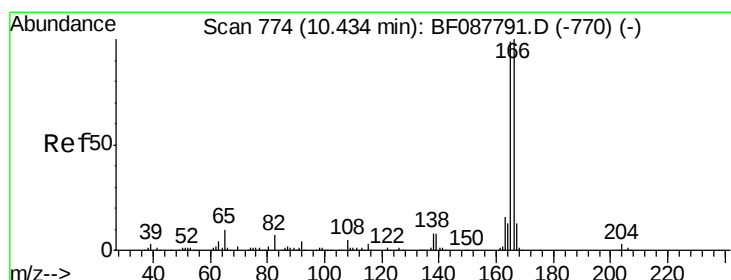
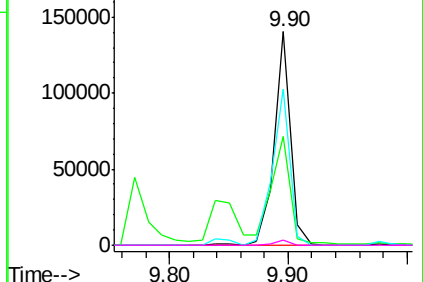
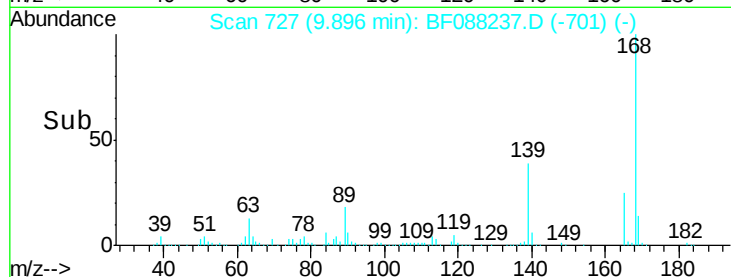


Abundance Ion 165.00 (164.70 to 165.70): E

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: 48.70 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

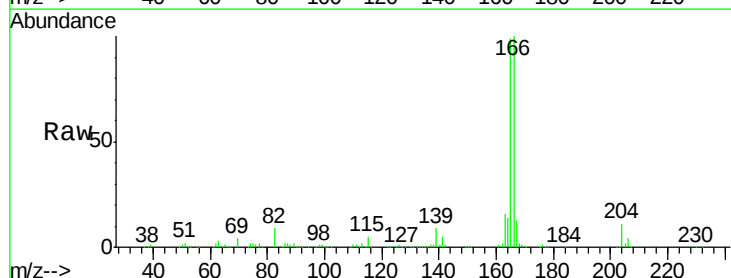
Tgt Ion:166 Resp: 458451

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.8

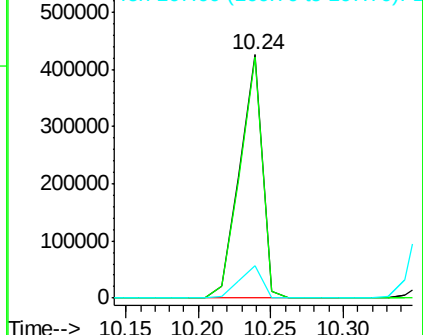
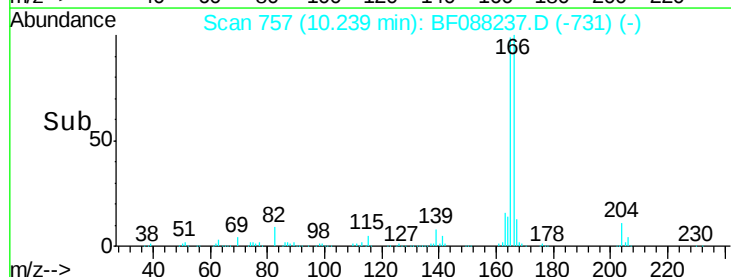
167 13.1 11.2 16.8



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

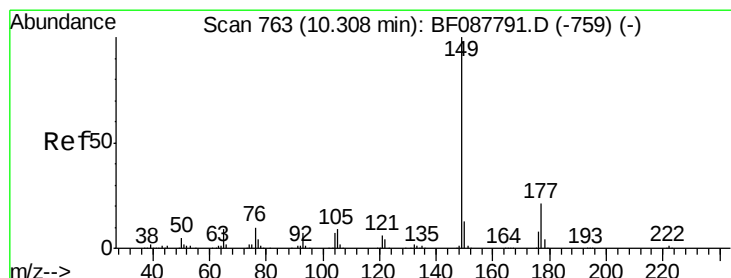
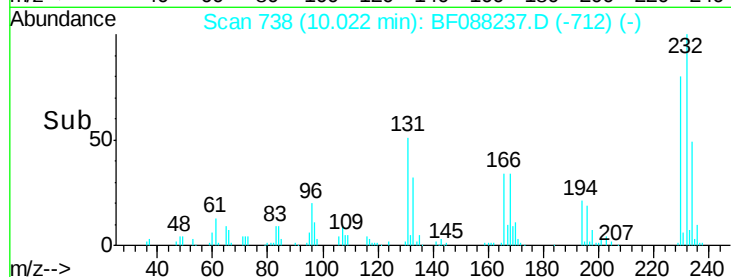
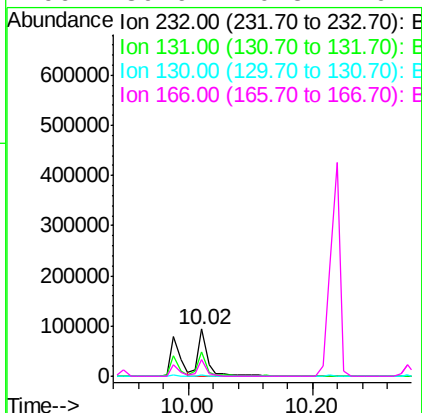
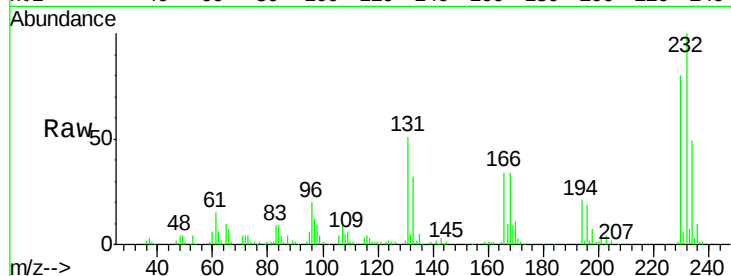




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.86 ng
 RT: 10.02 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

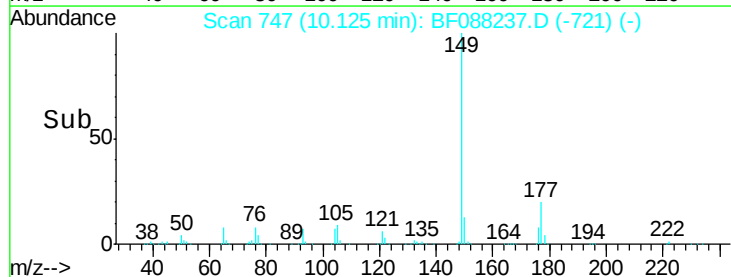
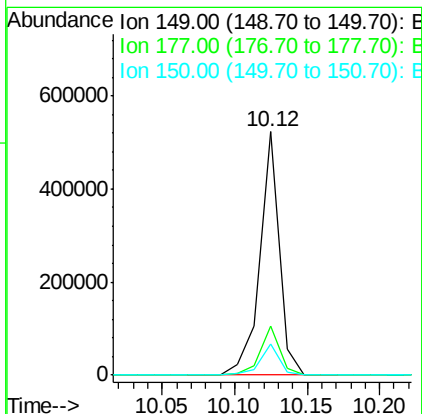
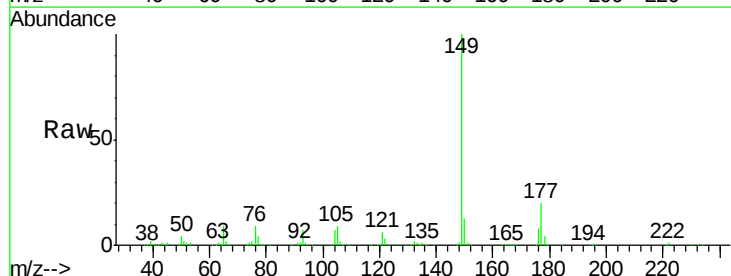
Instrument :
 BNA_F
 ClientSampleId :
 PB91486BSD

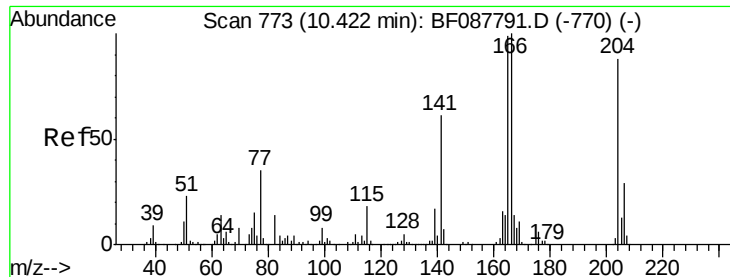
Tgt Ion: 232 Resp: 106108
 Ion Ratio Lower Upper
 232 100
 131 48.3 0.9 1.3#
 130 2.0 1.5 2.3
 166 30.6 0.5 0.7#



#59
 Diethylphthalate
 Concen: 41.75 ng
 RT: 10.12 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Tgt Ion: 149 Resp: 486244
 Ion Ratio Lower Upper
 149 100
 177 20.3 16.9 25.3
 150 12.5 10.1 15.1

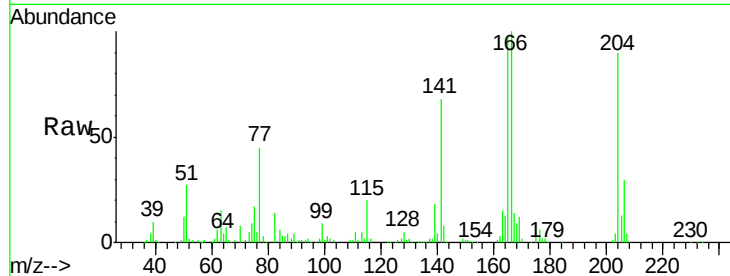




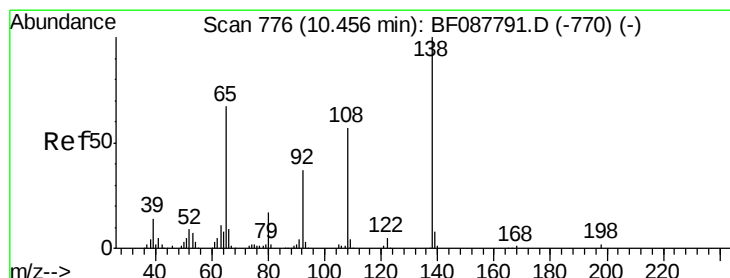
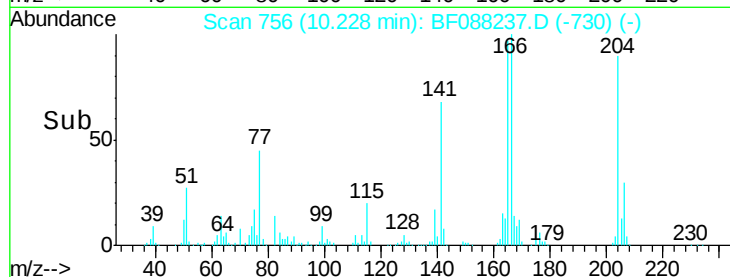
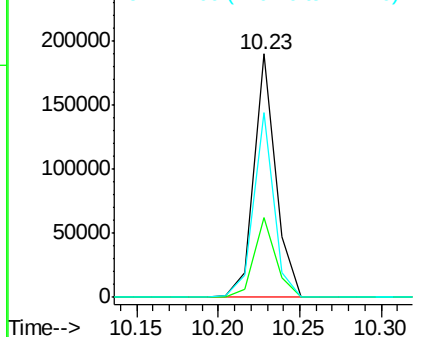
#60
 4-Chlorophenyl-phenylether
 Concen: 37.87 ng
 RT: 10.23 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BSD

Tgt Ion: 204 Resp: 176903
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.3 39.5
 141 75.7 55.0 82.6

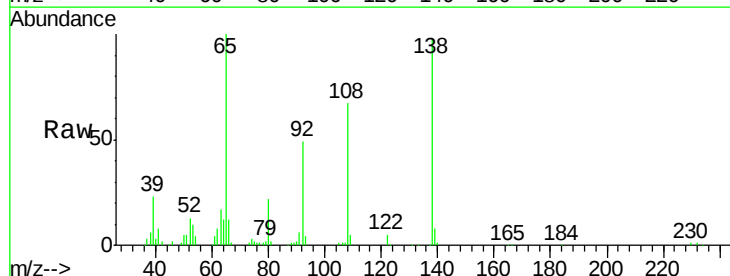


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

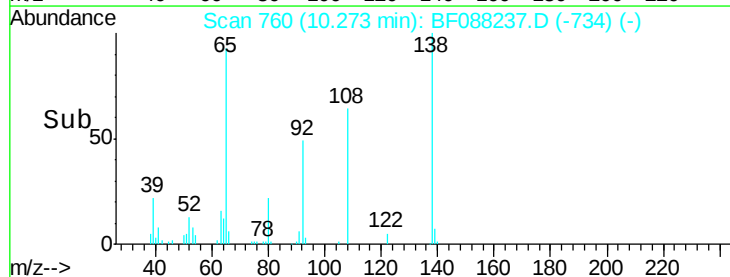
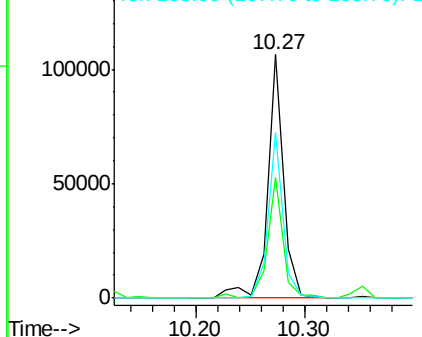


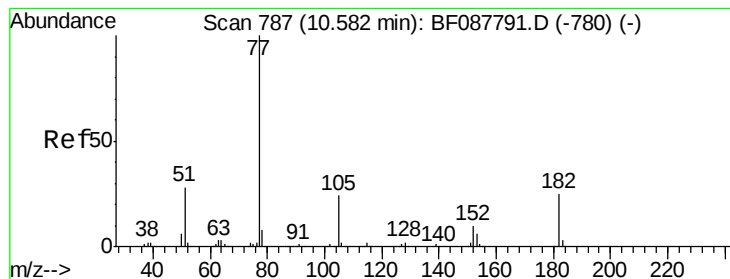
#61
 4-Nitroaniline
 Concen: 37.80 ng
 RT: 10.27 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Tgt Ion: 138 Resp: 109031
 Ion Ratio Lower Upper
 138 100
 92 49.5 27.3 67.3
 108 67.9 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: 40.51 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

ClientSampleId :

PB91486BSD

Tgt Ion: 77 Resp: 466503

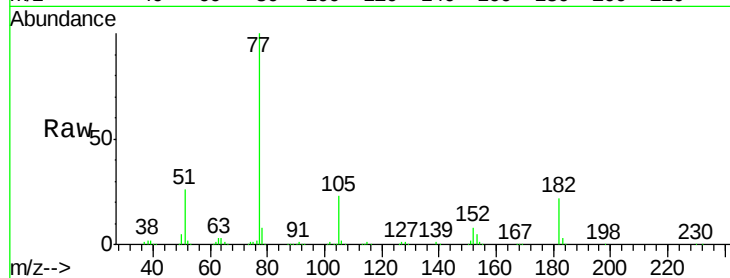
Ion Ratio Lower Upper

77 100

182 21.6 4.4 44.4

105 23.1 3.8 43.8

51 26.4 9.3 49.3

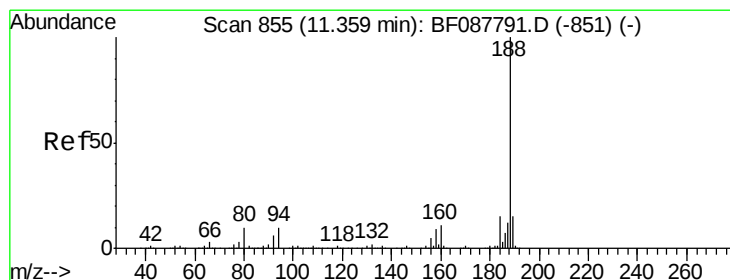
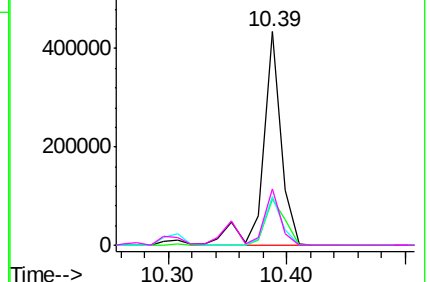
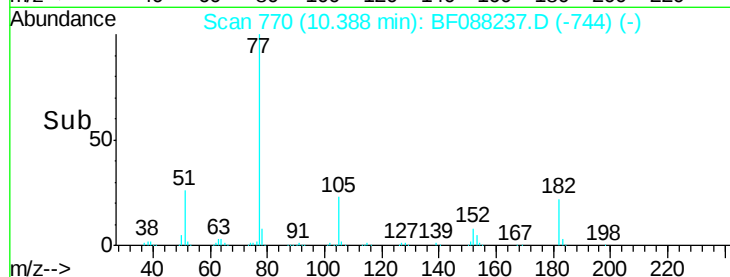


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF088237.D

Acq: 22 Jun 2016 3:03

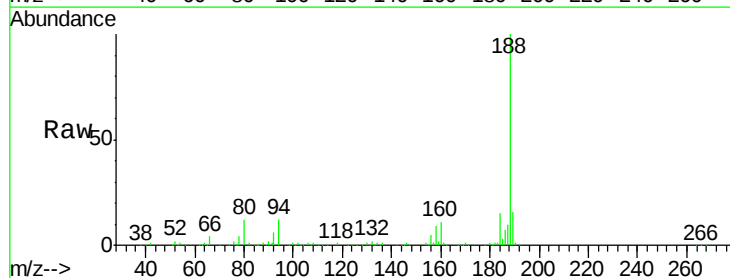
Tgt Ion: 188 Resp: 283056

Ion Ratio Lower Upper

188 100

94 11.7 9.0 13.6

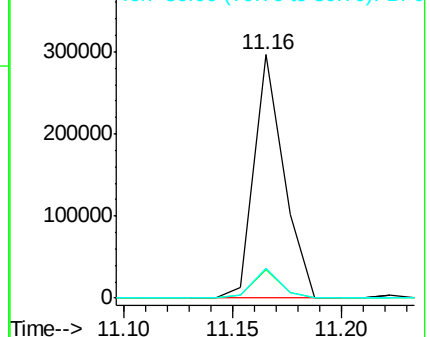
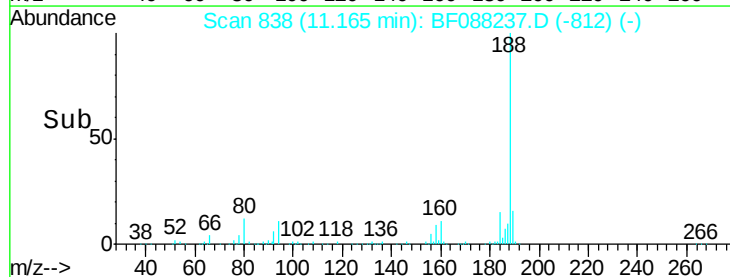
80 12.5 10.0 15.0

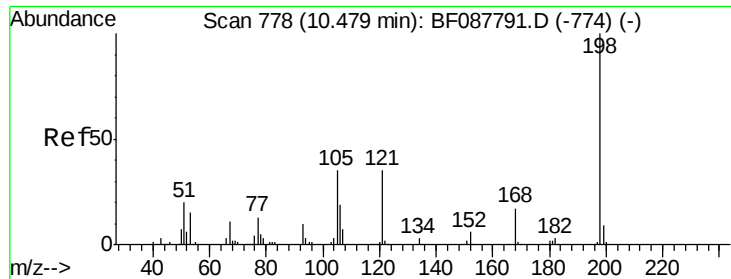


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

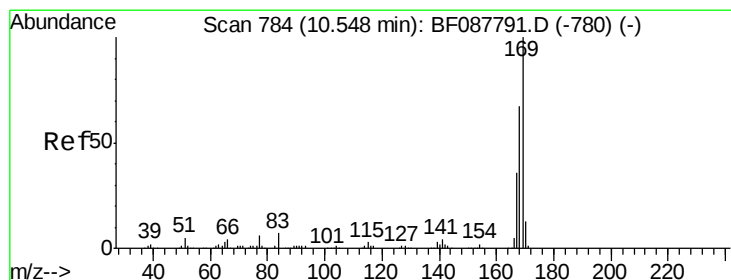
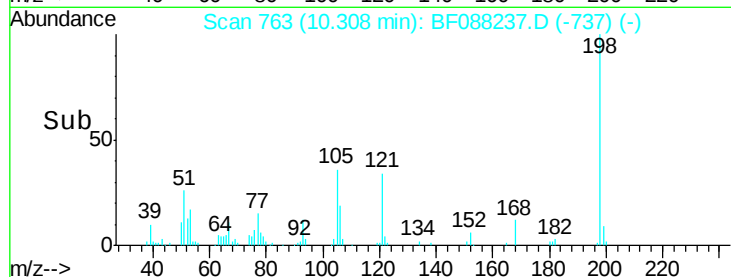
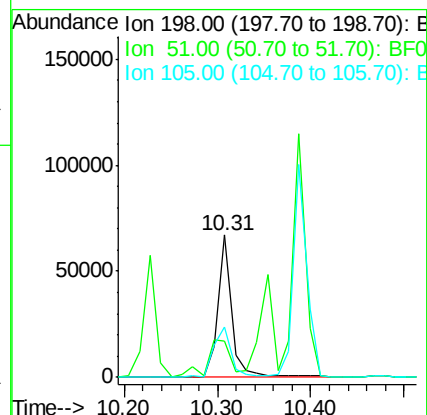
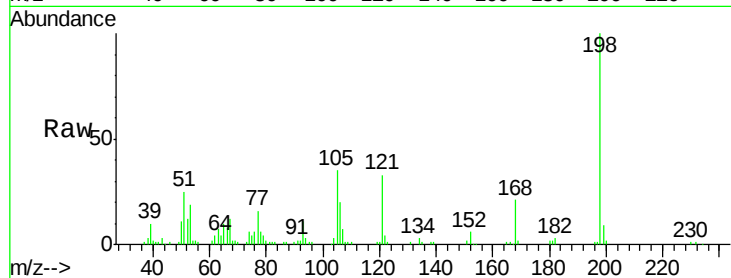




#64
4,6-Dinitro-2-methylphenol
Concen: 40.16 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

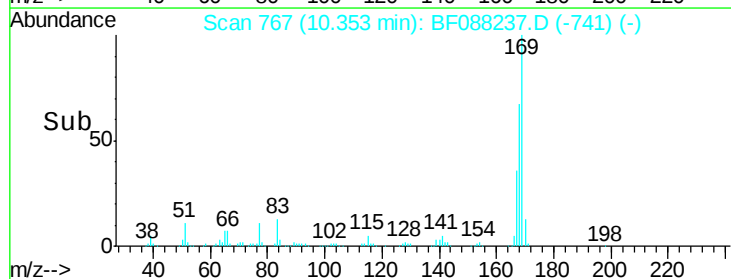
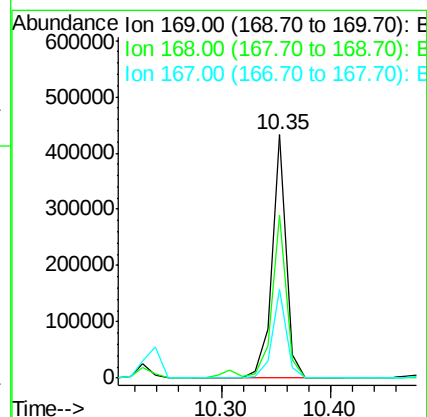
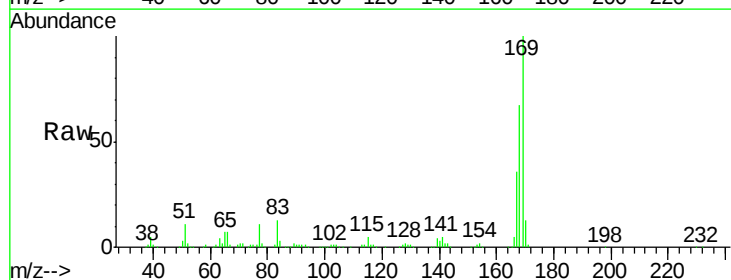
Instrument :
BNA_F
ClientSampleId :
PB91486BSD

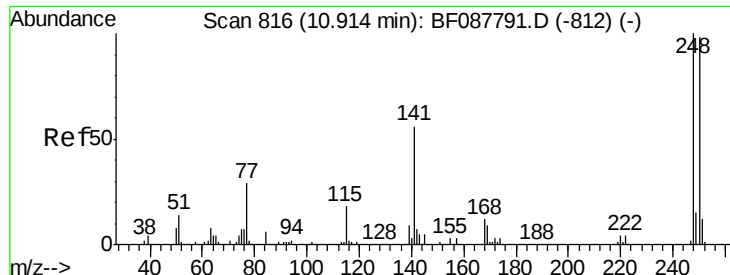
Tgt Ion:198 Resp: 70317
Ion Ratio Lower Upper
198 100
51 25.1 39.6 79.6#
105 35.3 36.6 76.6#



#65
n-Nitrosodiphenylamine
Concen: 42.11 ng
RT: 10.35 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion:169 Resp: 395504
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.0
167 36.4 29.4 44.0

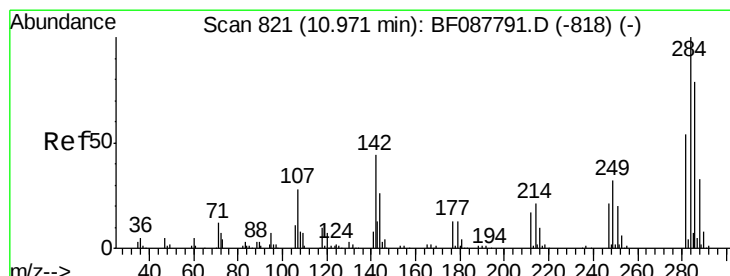
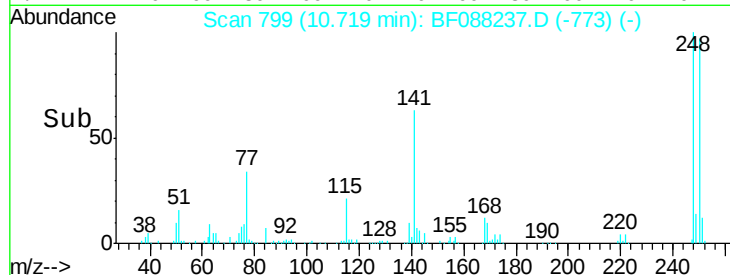
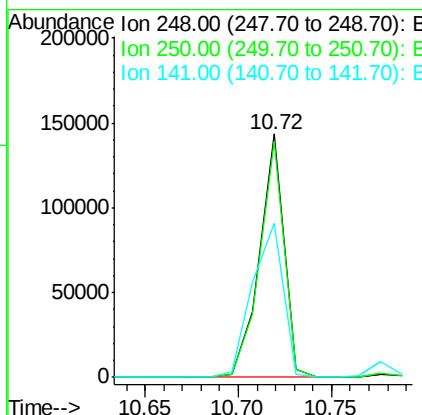
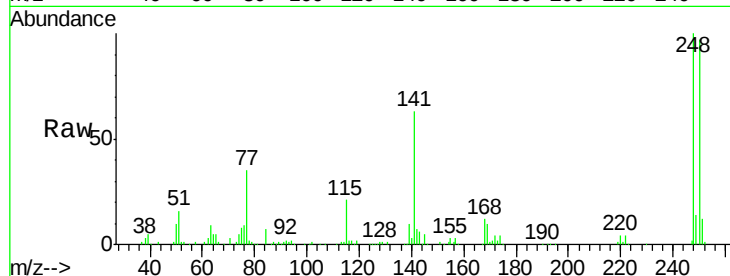




#66
 4-Bromophenyl-phenylether
 Concen: 42.66 ng
 RT: 10.72 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

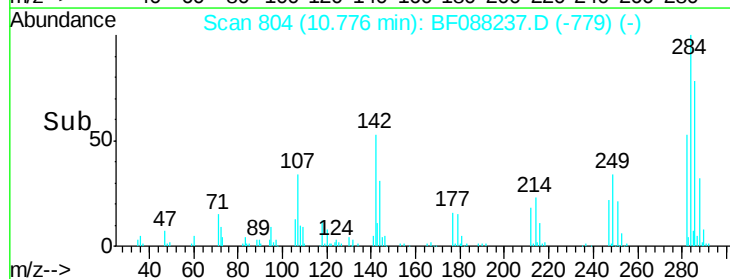
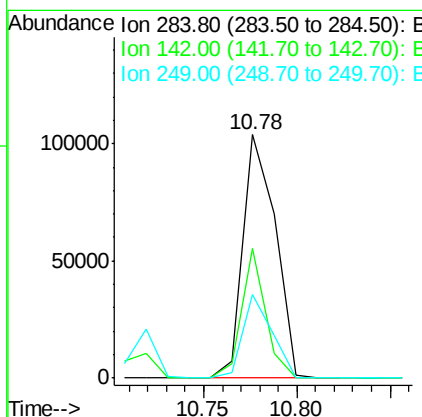
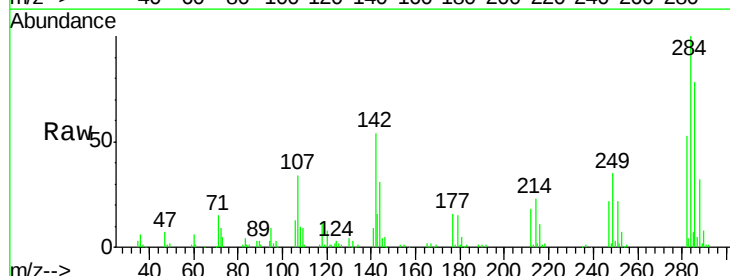
Instrument :
 BNA_F
 ClientSampleId :
 PB91486BSD

Tgt Ion: 248 Resp: 129536
 Ion Ratio Lower Upper
 248 100
 250 96.8 77.1 115.7
 141 63.2 50.6 76.0



#67
 Hexachlorobenzene
 Concen: 39.64 ng
 RT: 10.78 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Tgt Ion: 284 Resp: 125081
 Ion Ratio Lower Upper
 284 100
 142 53.5 35.8 53.8
 249 34.6 25.8 38.6

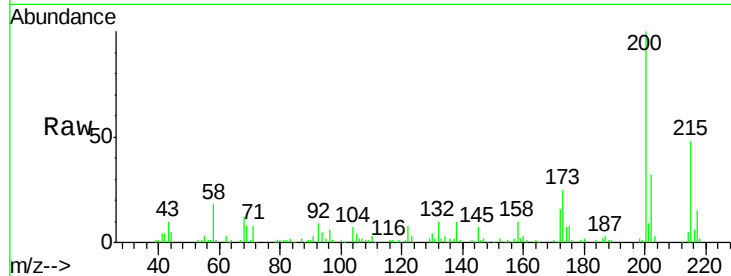




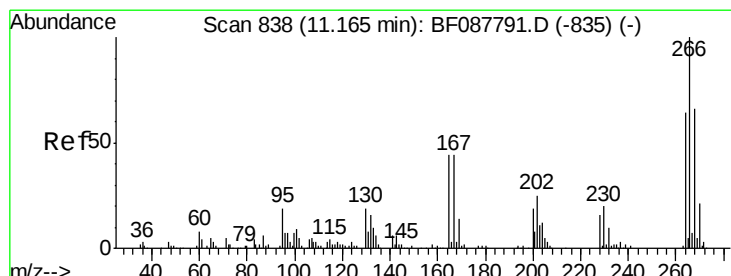
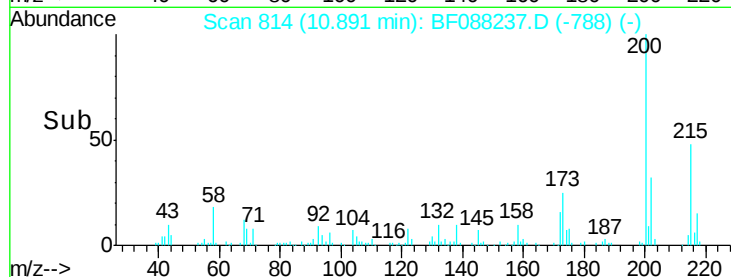
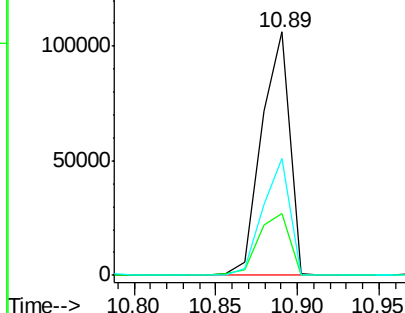
#68
Atrazine
Concen: 44.62 ng
RT: 10.89 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tgt Ion:200 Resp: 126904
Ion Ratio Lower Upper
200 100
173 25.3 4.0 44.0
215 48.0 29.3 69.3

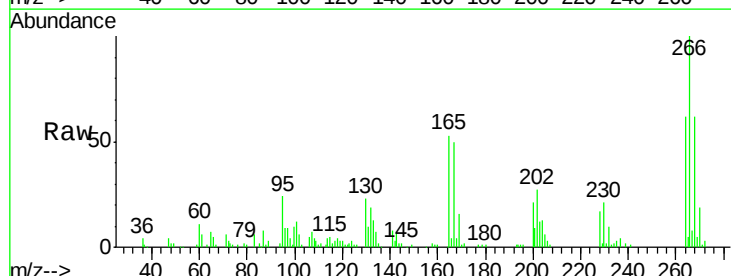


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

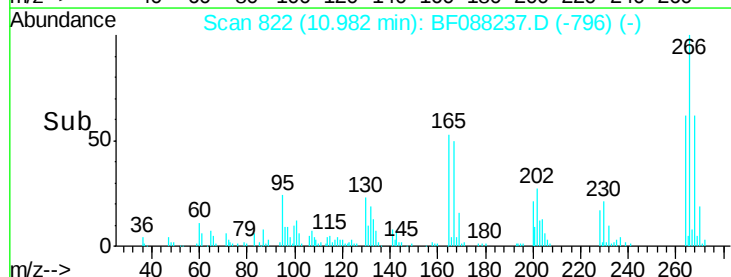
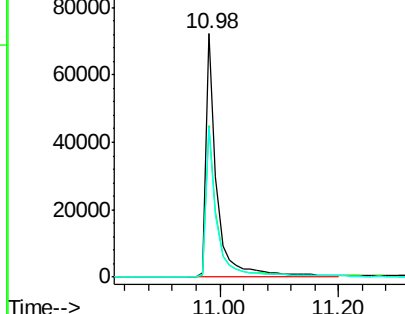


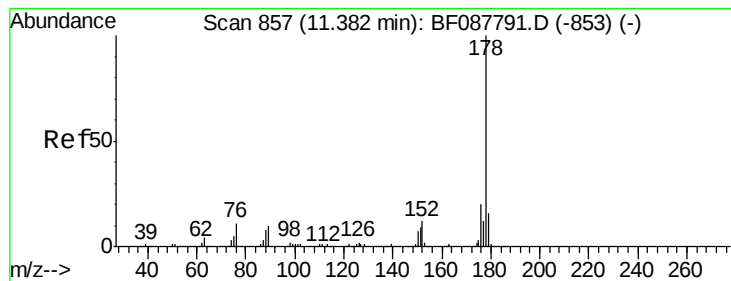
#69
Pentachlorophenol
Concen: 57.17 ng
RT: 10.98 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion:266 Resp: 95086
Ion Ratio Lower Upper
266 100
268 62.0 52.8 79.2
264 61.9 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: 42.05 ng

RT: 11.19 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

ClientSampleId :

PB91486BSD

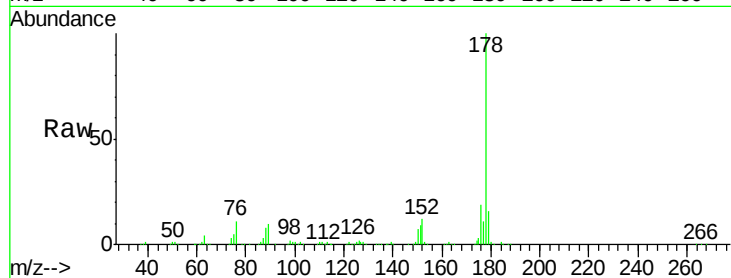
Tgt Ion:178 Resp: 624570

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

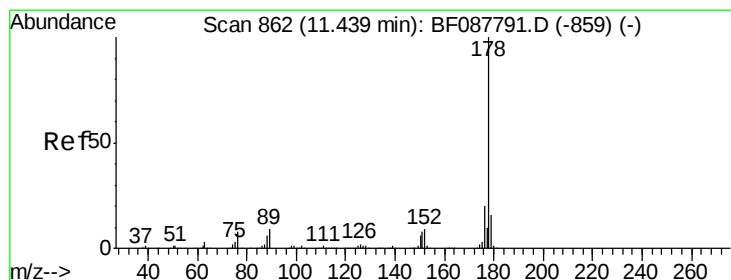
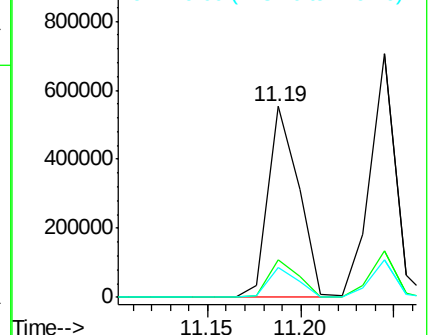
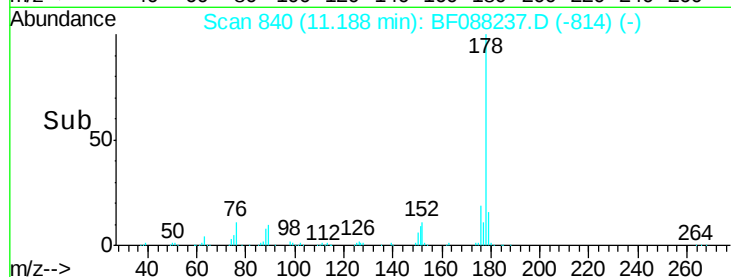
179 15.9 13.0 19.4



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: 44.02 ng

RT: 11.24 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

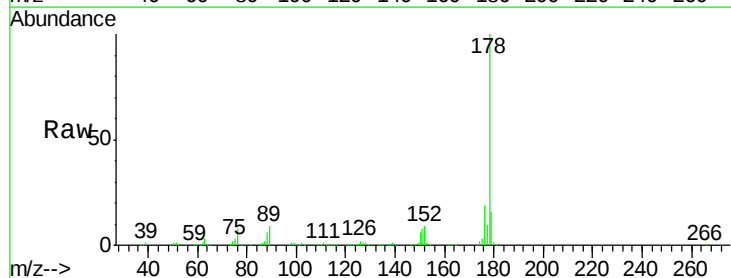
Tgt Ion:178 Resp: 659566

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

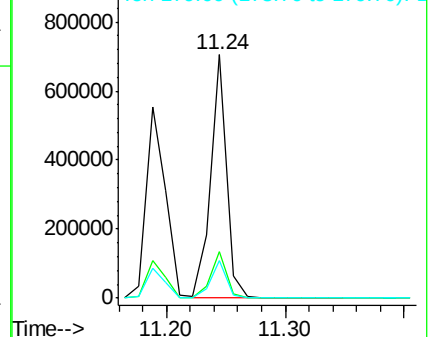
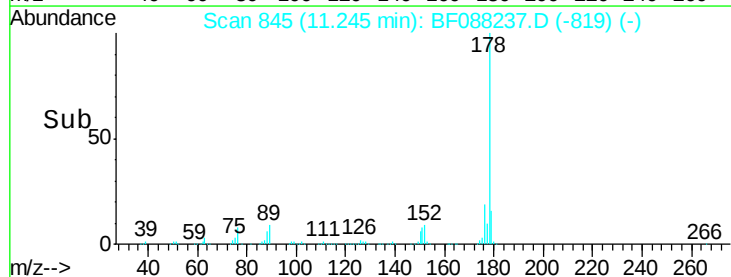
179 15.6 12.8 19.2

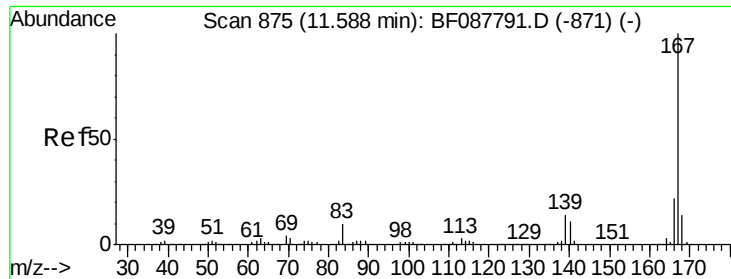


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

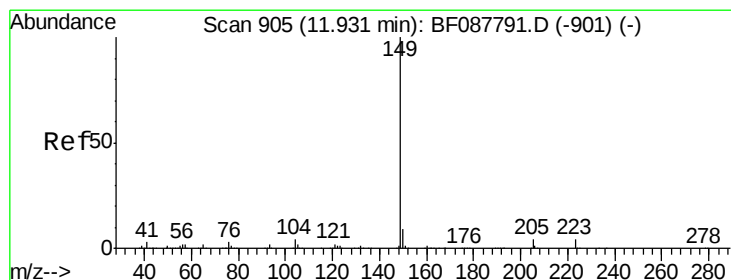
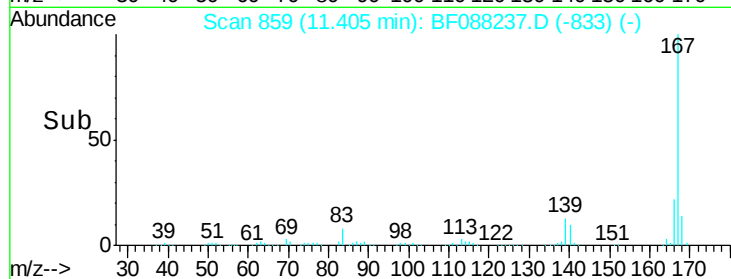
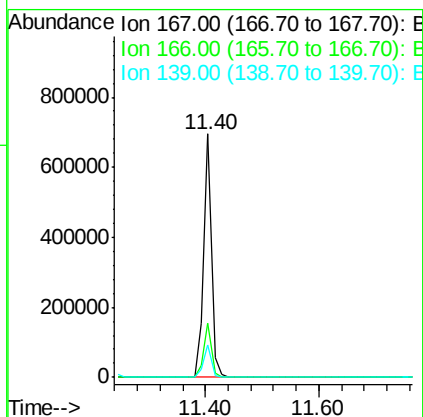
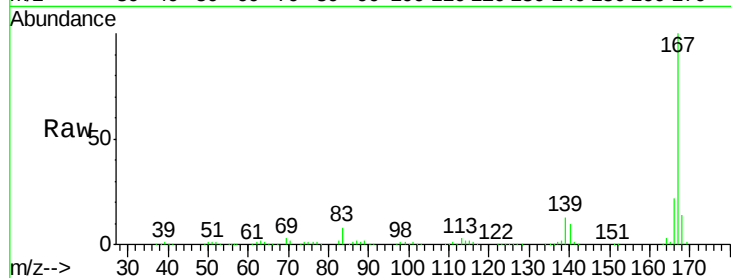




#72
 Carbazole
 Concen: 45.36 ng
 RT: 11.40 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

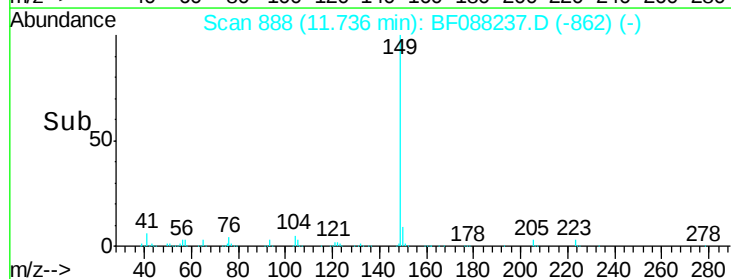
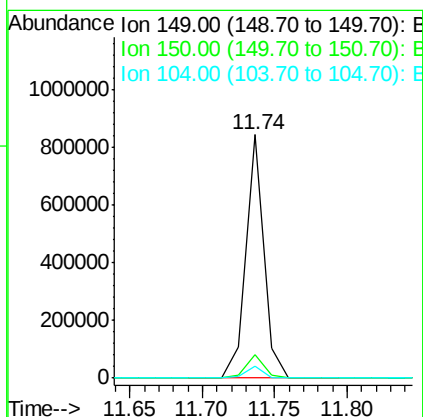
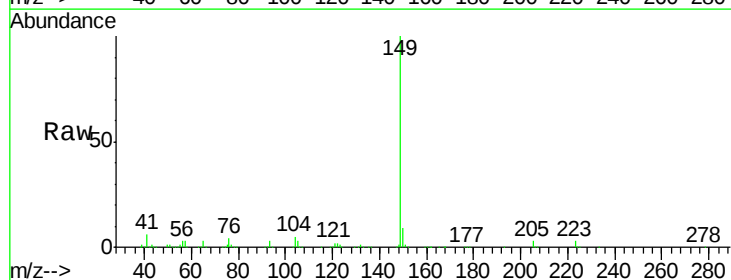
Instrument :
 BNA_F
 ClientSampleId :
 PB91486BSD

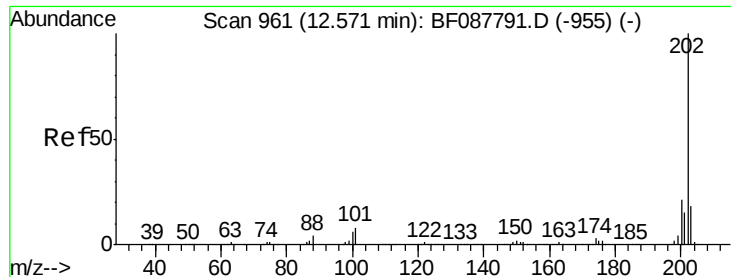
Tgt Ion:167 Resp: 635978
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 13.5 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 41.03 ng
 RT: 11.74 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Tgt Ion:149 Resp: 728297
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 4.7 4.0 6.0

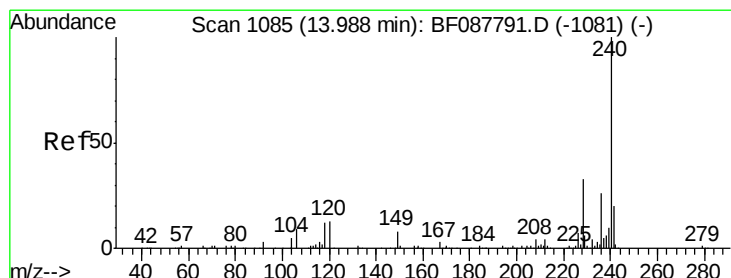
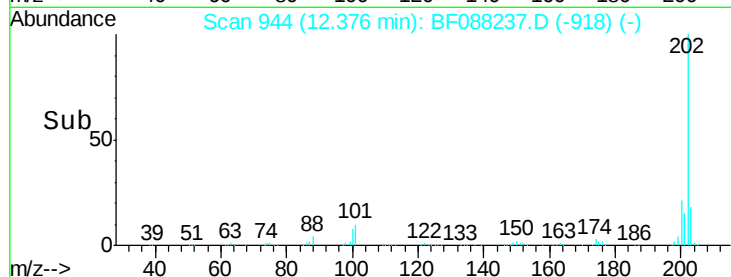
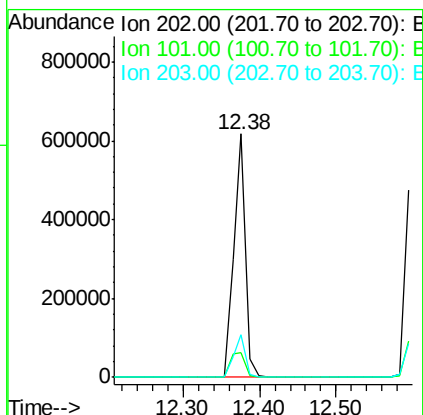
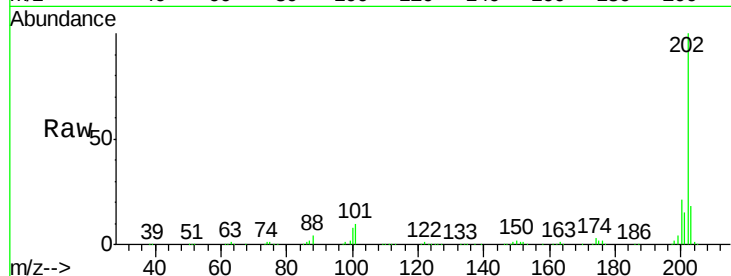




#74
Fluoranthene
Concen: 42.59 ng
RT: 12.38 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

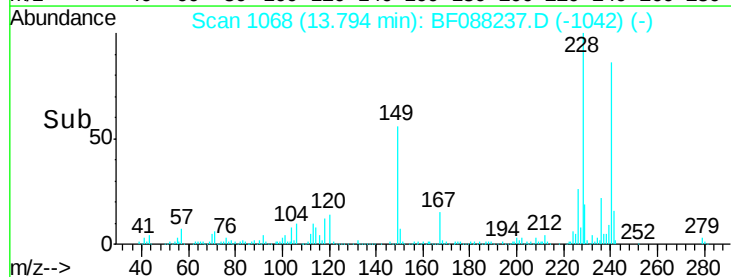
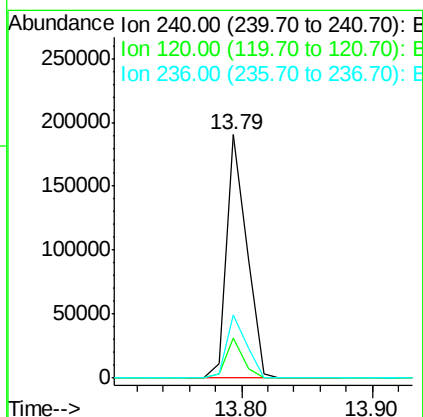
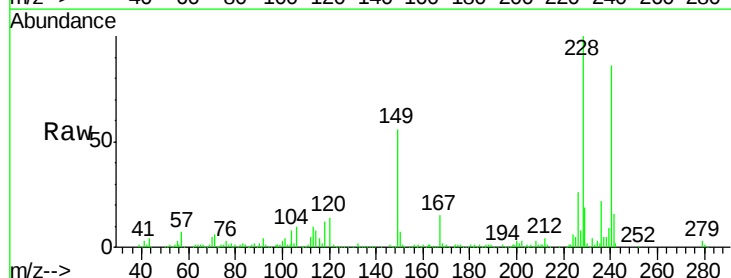
Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	33.1
203	17.7	0.0	38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.6	6.8	10.2#
236	25.8	20.2	30.2

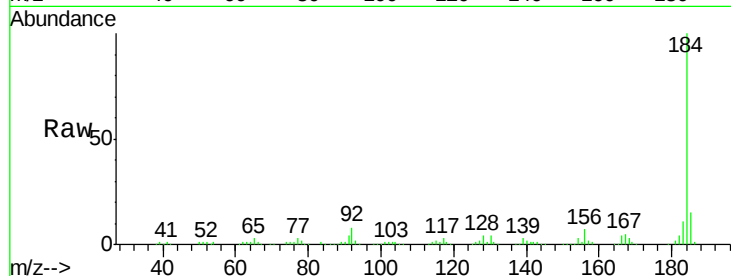




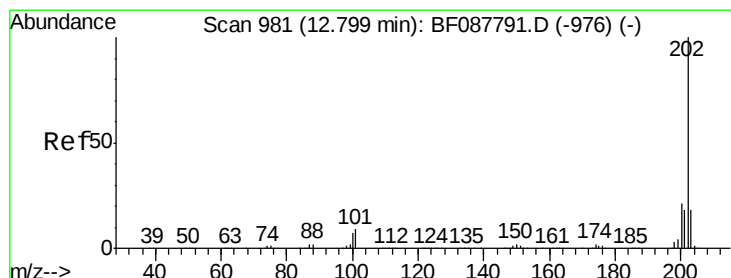
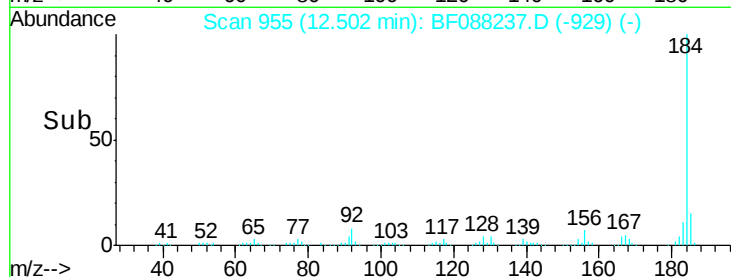
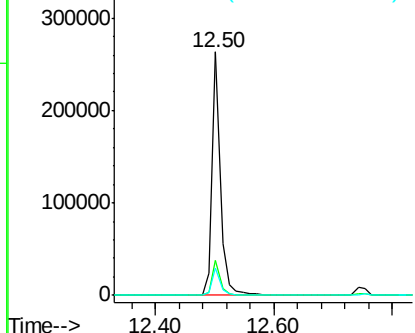
#76
Benzidine
Concen: 45.12 ng
RT: 12.50 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tgt Ion:184 Resp: 256149
Ion Ratio Lower Upper
184 100
185 14.5 12.5 18.7
183 11.4 9.3 13.9

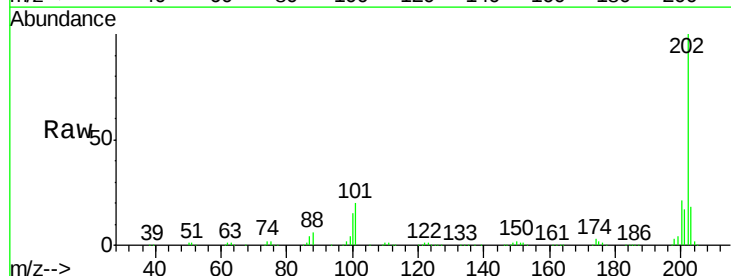


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

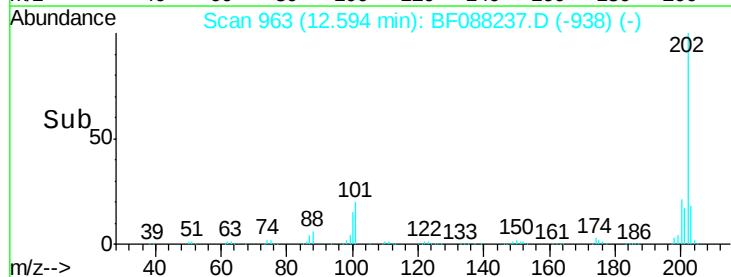
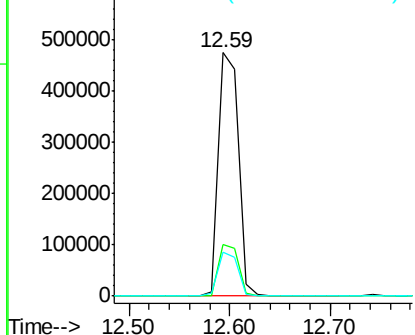


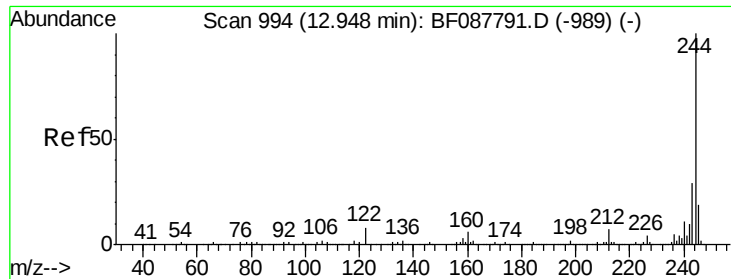
#77
Pyrene
Concen: 43.03 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion:202 Resp: 654636
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 18.0 14.5 21.7



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

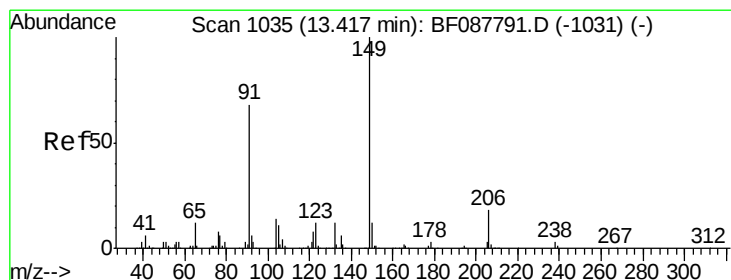
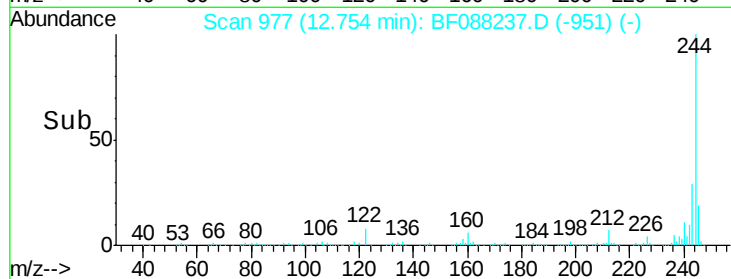
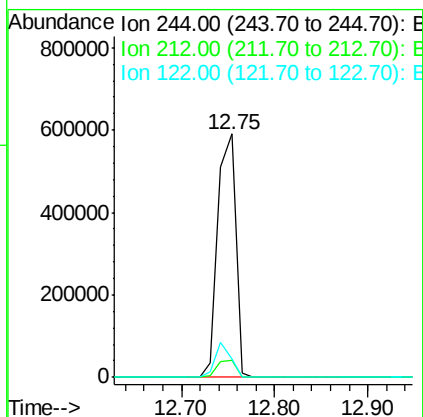
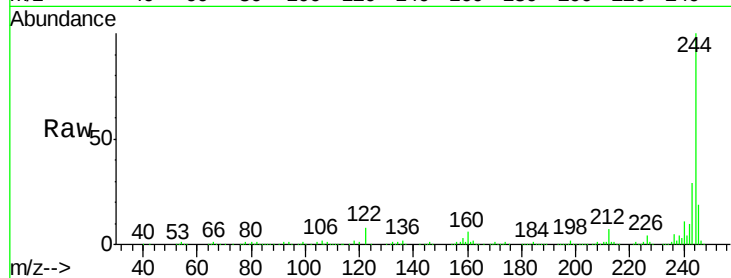




#78
 Terphenyl-d14
 Concen: 87.76 ng
 RT: 12.75 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

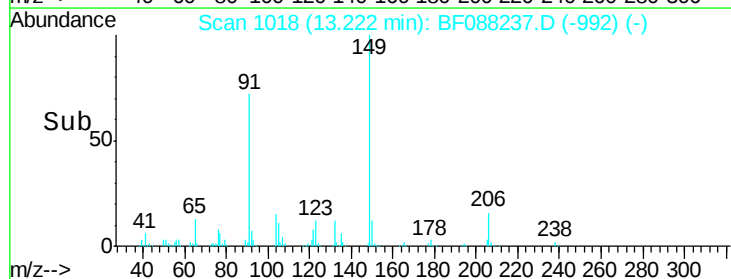
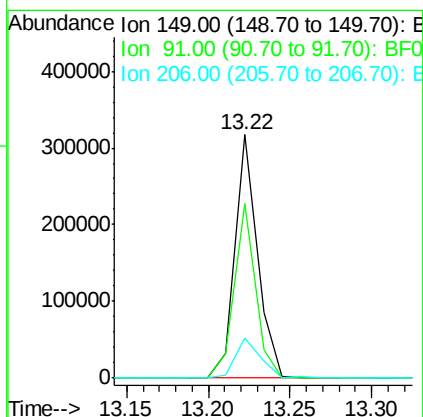
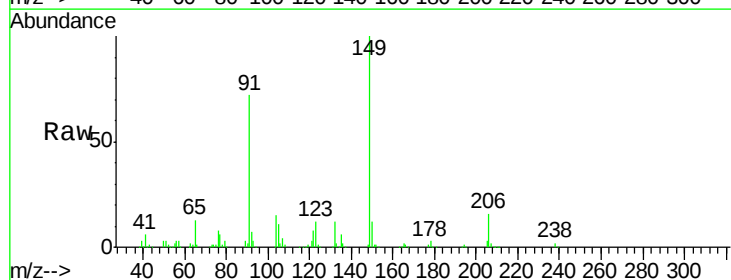
Instrument :
 BNA_F
 ClientSampleId :
 PB91486BSD

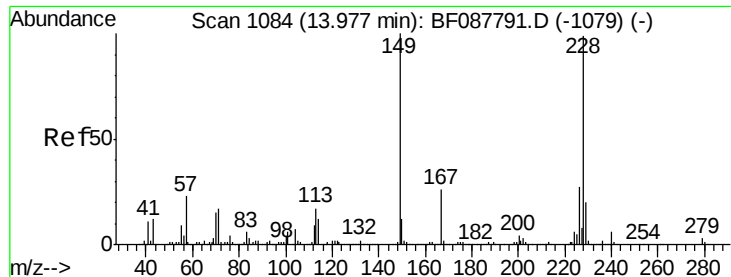
Tgt Ion: 244 Resp: 790675
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 7.7 11.2 16.8#



#79
 Butylbenzylphthalate
 Concen: 44.58 ng
 RT: 13.22 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Tgt Ion: 149 Resp: 299860
 Ion Ratio Lower Upper
 149 100
 91 71.5 48.0 72.0
 206 16.5 16.0 24.0





#80

Benzo(a)anthracene

Concen: 39.99 ng

RT: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

ClientSampleId :

PB91486BSD

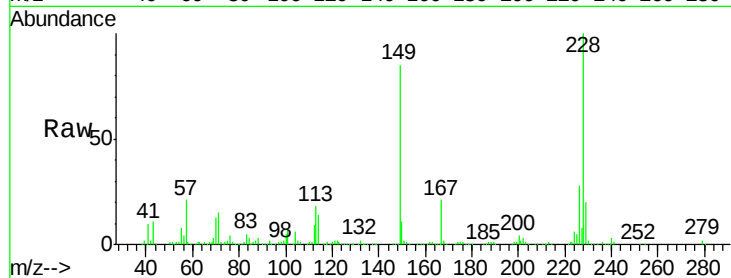
Tgt Ion:228 Resp: 467200

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

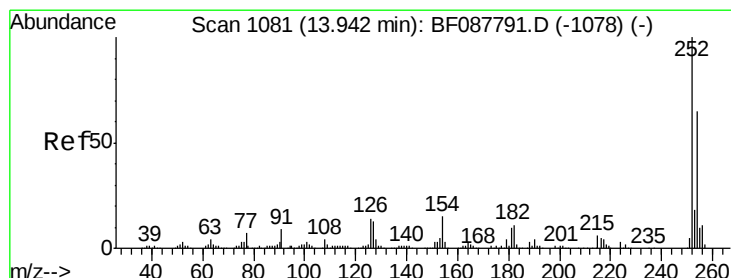
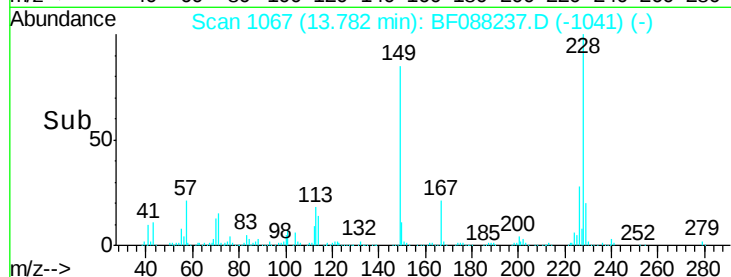
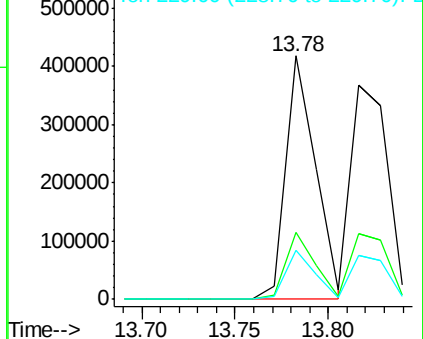
229 19.9 16.0 24.0



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: 32.47 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

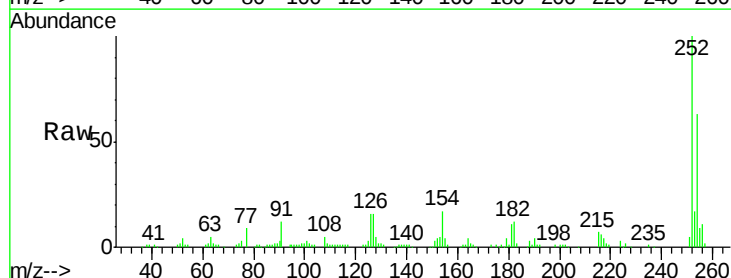
Tgt Ion:252 Resp: 102011

Ion Ratio Lower Upper

252 100

254 62.9 52.6 78.8

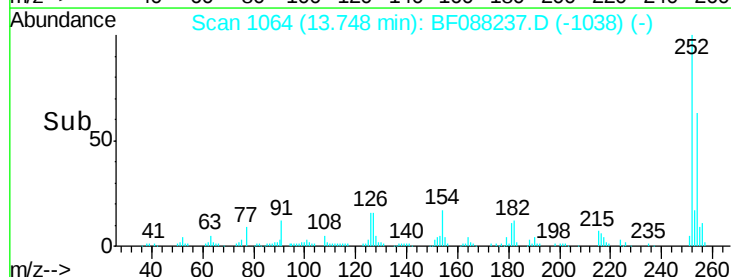
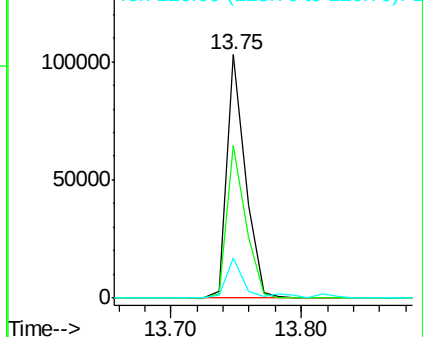
126 16.5 6.2 9.2#

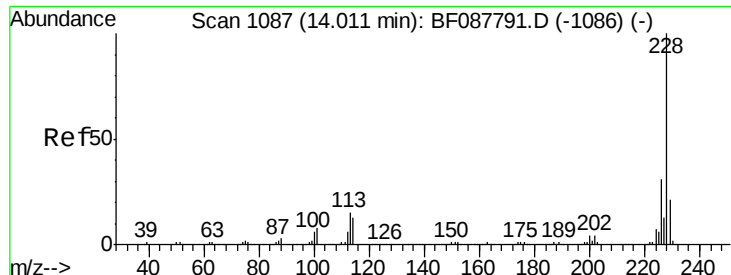


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 46.23 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

ClientSampled :

PB91486BSD

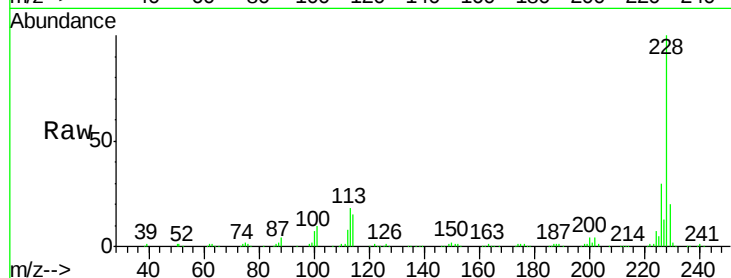
Tgt Ion: 228 Resp: 508108

Ion Ratio Lower Upper

228 100

226 30.4 25.4 38.2

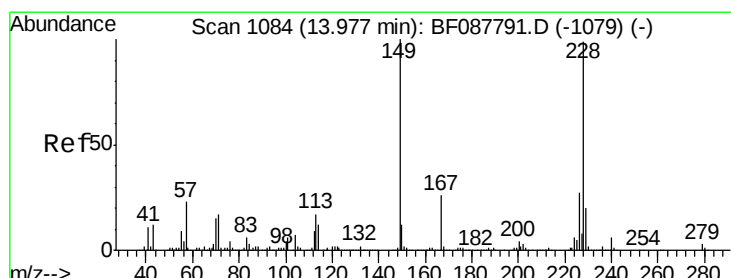
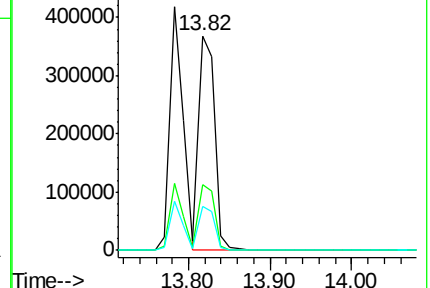
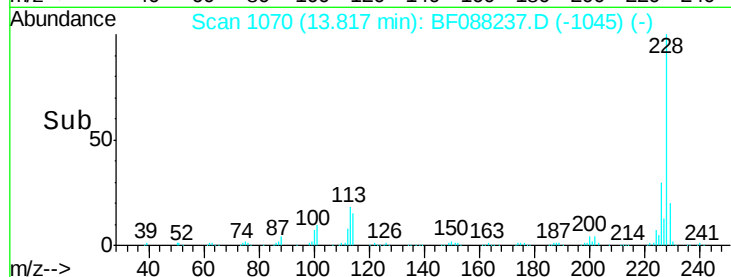
229 20.4 16.3 24.5



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: 43.91 ng

RT: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

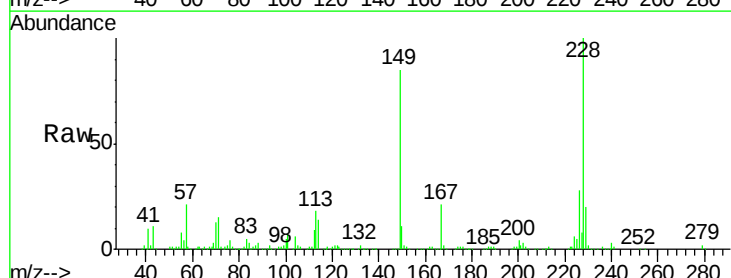
Tgt Ion: 149 Resp: 359478

Ion Ratio Lower Upper

149 100

167 25.1 20.5 30.7

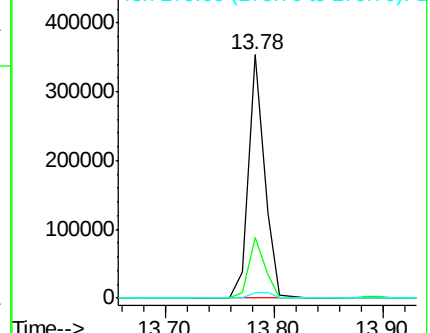
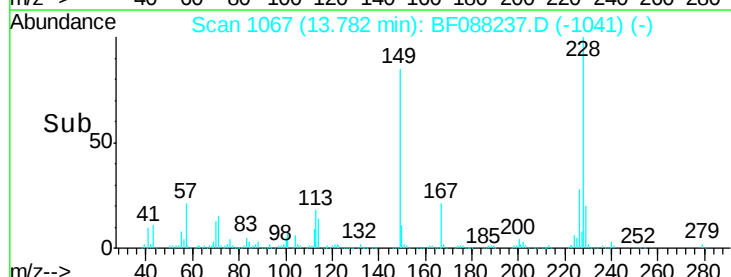
279 2.5 2.0 3.0



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

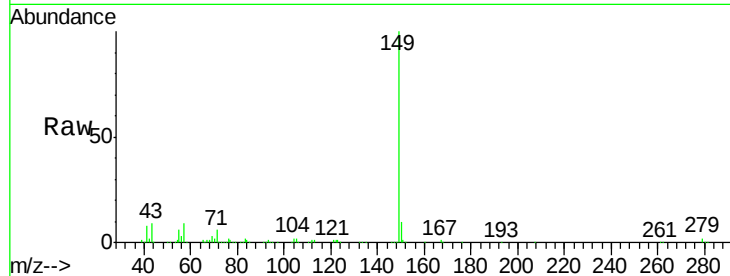




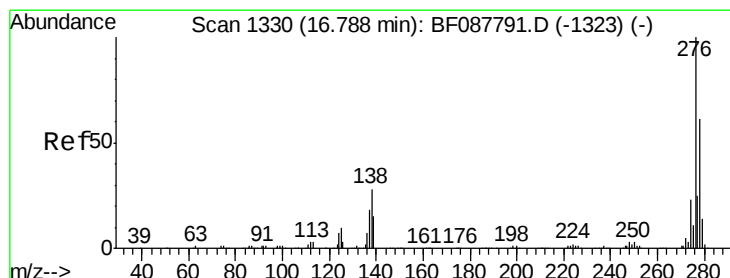
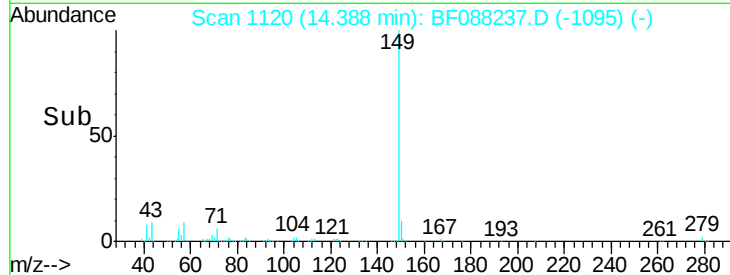
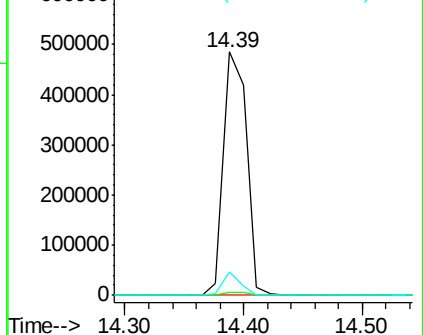
#84
Di-n-octyl phthalate
Concen: 48.98 ng
RT: 14.39 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tgt Ion:149 Resp: 651566
Ion Ratio Lower Upper
149 100
167 1.5 0.0 0.0#
43 7.6 0.0 0.0#

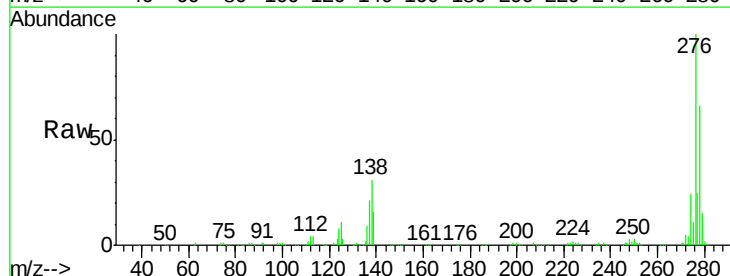


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

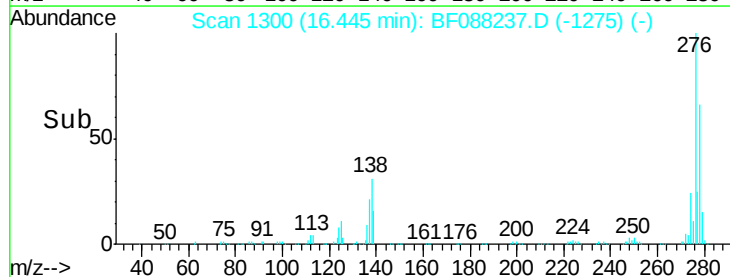
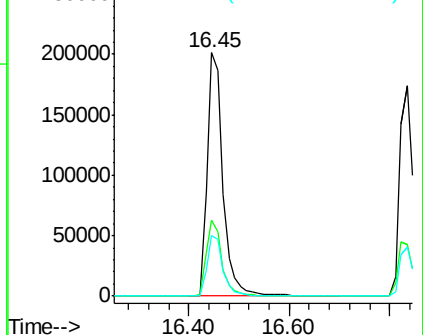


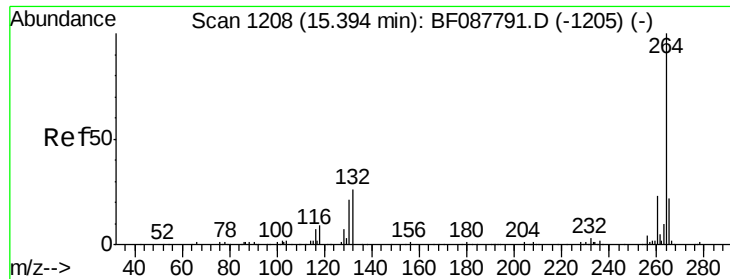
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.74 ng
RT: 16.45 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion:276 Resp: 436418
Ion Ratio Lower Upper
276 100
138 31.0 0.0 0.0#
277 24.8 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

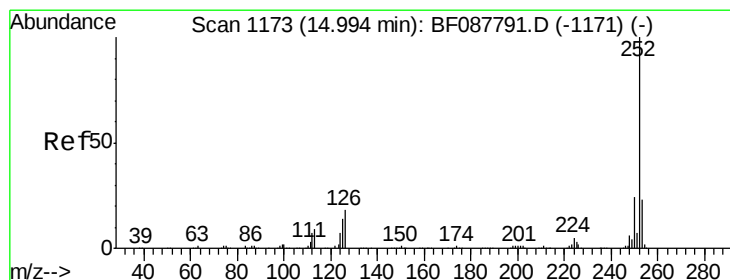
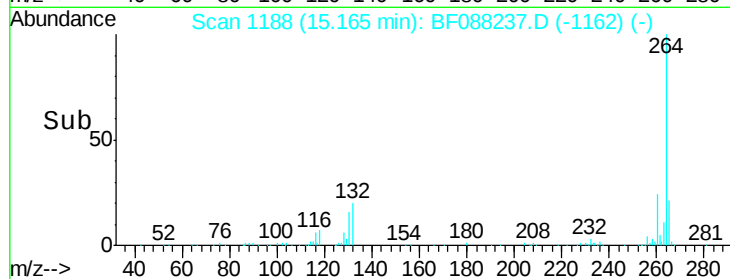
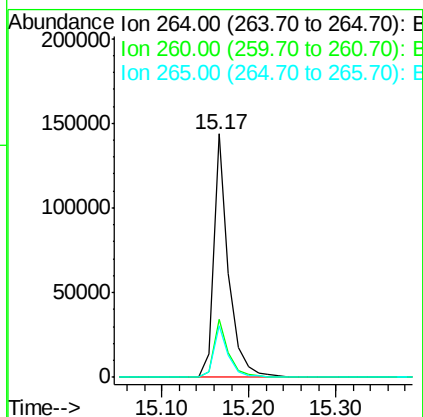
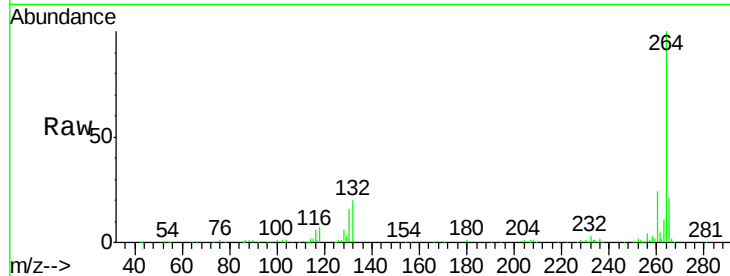




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

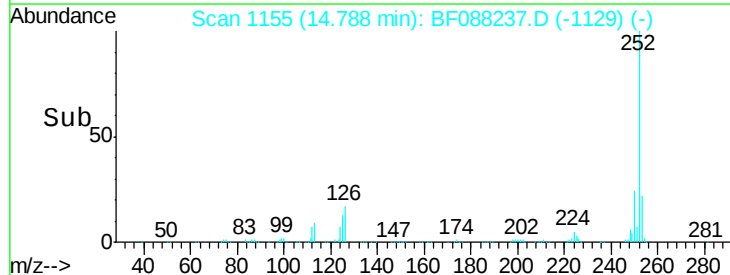
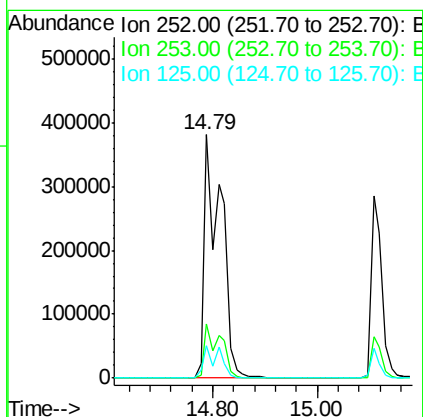
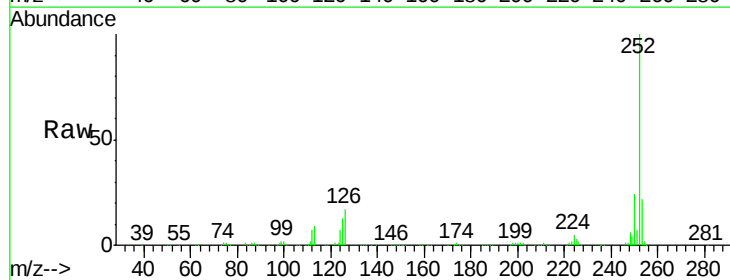
Instrument :
BNA_F
ClientSampleId :
PB91486BSD

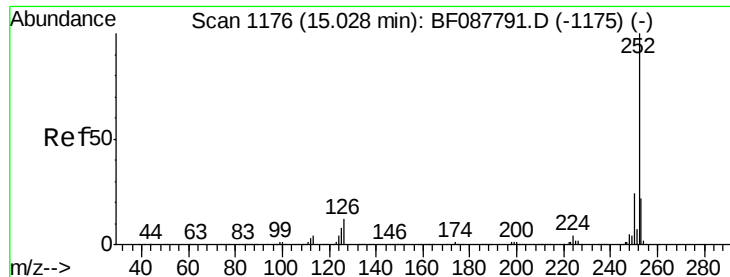
Tgt Ion: 264 Resp: 170604
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.0 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 72.79 ng
RT: 14.79 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion: 252 Resp: 865591
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 13.5 7.1 10.7#





#88

Benzo(k)fluoranthene

Concen: 96.50 ng

RT: 14.79 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

ClientSampleId :

PB91486BSD

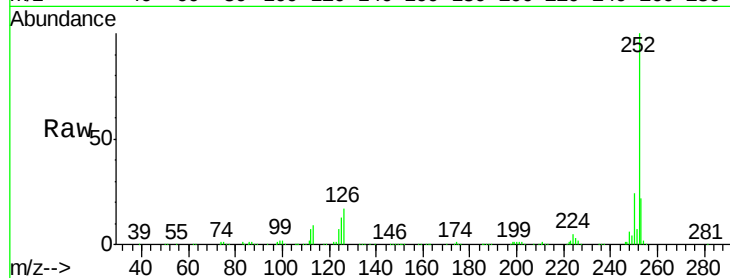
Tgt Ion:252 Resp: 865600

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

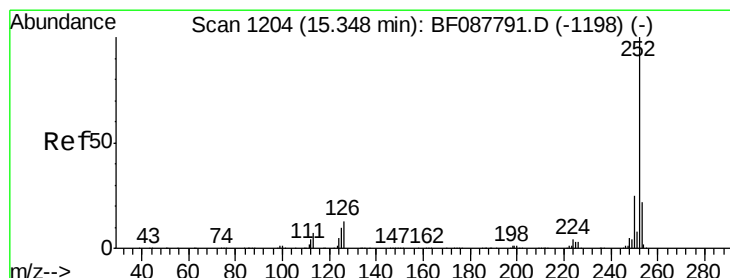
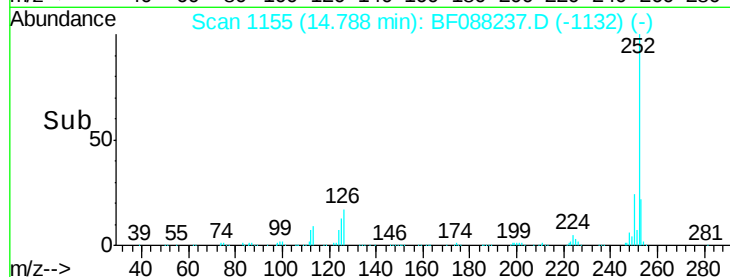
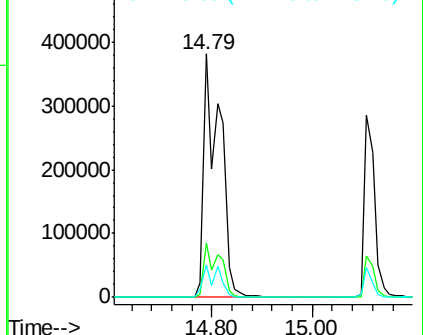
125 13.5 11.2 16.8



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: 42.69 ng

RT: 15.11 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

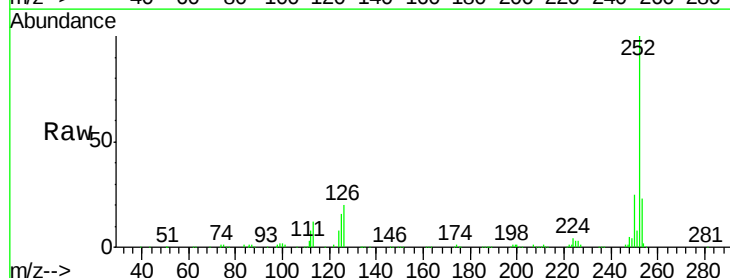
Tgt Ion:252 Resp: 410656

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

125 16.2 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

