

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
 Data File : BF088186.D
 Acq On : 20 Jun 2016 22:20
 Operator : UM/SJ
 Sample : PB91400BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91400BS

Quant Time: Jun 21 01:04:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	90433	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	379176	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	183477	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	350019	20.00	ng	0.00
75) Chrysene-d12	13.81	240	263752	20.00	ng	0.00
86) Perylene-d12	15.18	264	228316	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	380552	71.94	ng	0.01
7) Phenol-d6	6.32	99	468666	73.10	ng	-0.01
23) Nitrobenzene-d5	7.24	82	432645	66.63	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	116187	59.97	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	856192	72.49	ng	-0.01
78) Terphenyl-d14	12.76	244	819709	70.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	76211	29.65	ng	# 42
3) Pyridine	2.87	79	195124	32.15	ng	90
4) n-Nitrosodimethylamine	2.82	42	80841	31.45	ng	82
6) Aniline	6.33	93	153263	16.80	ng	# 39
8) 2-Chlorophenol	6.46	128	242060	38.66	ng	89
10) Phenol	6.34	94	262562	39.35	ng	97
11) bis(2-Chloroethyl)ether	6.41	93	211427	37.61	ng	88
12) 1,3-Dichlorobenzene	6.60	146	240188	35.75	ng	97
13) 1,4-Dichlorobenzene	6.68	146	250287	36.98	ng	99
14) 1,2-Dichlorobenzene	6.68	146	250287	40.67	ng	96
15) Benzyl Alcohol	6.82	79	154666	30.84	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	241921	31.85	ng	74
17) 2-Methylphenol	6.95	107	191114	37.64	ng	97
18) Hexachloroethane	7.18	117	89215	37.15	ng	93
19) n-Nitroso-di-n-propylamine	7.10	70	156486	38.16	ng	# 83
20) 3+4-Methylphenols	7.11	107	254911	43.03	ng	# 74
22) Acetophenone	7.08	105	306027	36.12	ng	# 98
24) Nitrobenzene	7.26	77	223771	35.58	ng	92
25) Isophorone	7.50	82	419634	34.89	ng	100
26) 2-Nitrophenol	7.58	139	131991	39.17	ng	# 85
27) 2,4-Dimethylphenol	7.62	122	208500	33.61	ng	95
28) bis(2-Chloroethoxy)methane	7.71	93	270056	36.20	ng	# 97
29) 2,4-Dichlorophenol	7.83	162	202959	39.18	ng	93
30) 1,2,4-Trichlorobenzene	7.90	180	199523	35.38	ng	98
31) Naphthalene	7.98	128	691230	36.84	ng	99
32) Benzoic acid	7.77	122	78056	22.85	ng	95
33) 4-Chloroaniline	8.03	127	113703	13.57	ng	95
34) Hexachlorobutadiene	8.09	225	102632	34.50	ng	98
35) Caprolactam	8.41	113	46427	27.06	ng	# 69
36) 4-Chloro-3-methylphenol	8.54	107	218251	39.40	ng	97
37) 2-Methylnaphthalene	8.66	142	446874	36.13	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	188018	37.14	ng	# 1
40) Hexachlorocyclopentadiene	8.82	237	105224	35.55	ng	98
42) 2,4,6-Trichlorophenol	8.96	196	120071	32.72	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	129677	33.97	ng	98
45) 1,1'-Biphenyl	9.13	154	547392	38.91	ng	98
46) 2-Chloronaphthalene	9.15	162	432037	36.39	ng	98
47) 2-Nitroaniline	9.26	65	118494	33.83	ng	90
48) Acenaphthylene	9.56	152	638886	33.83	ng	100
49) Dimethylphthalate	9.44	163	506277	38.09	ng	100
50) 2,6-Dinitrotoluene	9.51	165	113938	37.43	ng	# 79
51) Acenaphthene	9.74	154	399782	33.93	ng	100
52) 3-Nitroaniline	9.67	138	71415	20.33	ng	92
53) 2,4-Dinitrophenol	9.78	184	68752	46.71	ng	98
54) Dibenzofuran	9.91	168	537780	33.15	ng	# 90
55) 4-Nitrophenol	9.86	139	123518	45.31	ng	# 73
56) 2,4-Dinitrotoluene	9.91	165	147526	37.71	ng	# 67
57) Fluorene	10.25	166	460805	41.67	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	107864	35.96	ng	# 56
59) Diethylphthalate	10.14	149	539119	40.07	ng	100
60) 4-Chlorophenyl-phenylether	10.24	204	185550	34.39	ng	91
61) 4-Nitroaniline	10.28	138	127590	38.30	ng	98
62) Azobenzene	10.40	77	481935	36.23	ng	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	61566	29.07	ng	# 59
65) n-Nitrosodiphenylamine	10.36	169	414728	35.71	ng	100
66) 4-Bromophenyl-phenylether	10.73	248	135876	36.18	ng	93
67) Hexachlorobenzene	10.80	284	135794	34.80	ng	# 71
68) Atrazine	10.90	200	135522	38.53	ng	98
69) Pentachlorophenol	10.99	266	90451	43.98	ng	98
70) Phenanthrene	11.20	178	672482	36.61	ng	100
71) Anthracene	11.26	178	670111	36.17	ng	100
72) Carbazole	11.42	167	650150	37.50	ng	100
73) Di-n-butylphthalate	11.75	149	781071	35.59	ng	100
74) Fluoranthene	12.39	202	719620	37.13	ng	97
76) Benzidine	12.51	184	245462	33.61	ng	98
77) Pyrene	12.62	202	726723	37.13	ng	99
79) Butylbenzylphthalate	13.23	149	332374	38.41	ng	# 84
80) Benzo(a)anthracene	13.79	228	530620	35.30	ng	99
81) 3,3'-Dichlorobenzidine	13.76	252	112228	27.77	ng	# 96
82) Chrysene	13.84	228	595487	42.11	ng	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	412442	39.16	ng	99
84) Di-n-octyl phthalate	14.40	149	808965	47.26	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.47	276	467537	35.59	ng	# 100
87) Benzo(b)fluoranthene	14.83	252	1058969	66.55	ng	99
88) Benzo(k)fluoranthene	14.83	252	1059437	88.26	ng	# 95
89) Benzo(a)pyrene	15.13	252	496547	38.57	ng	# 95
90) Dibenzo(a,h)anthracene	16.48	278	393557	32.91	ng	96
91) Benzo(g,h,i)perylene	16.85	276	407251	33.11	ng	97

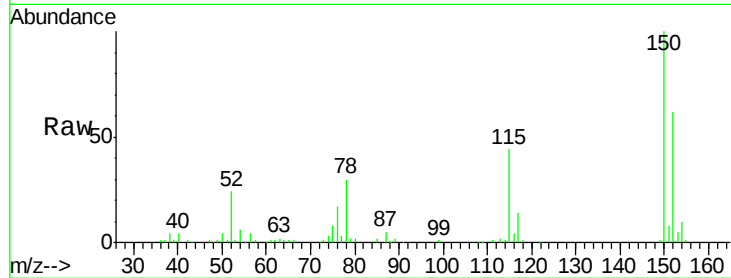
(#) = qualifier out of range (m) = manual integration (+) = signals summed



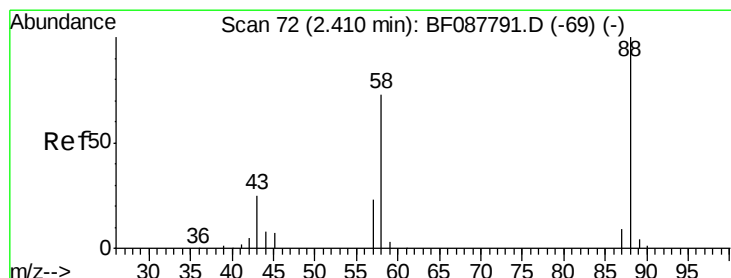
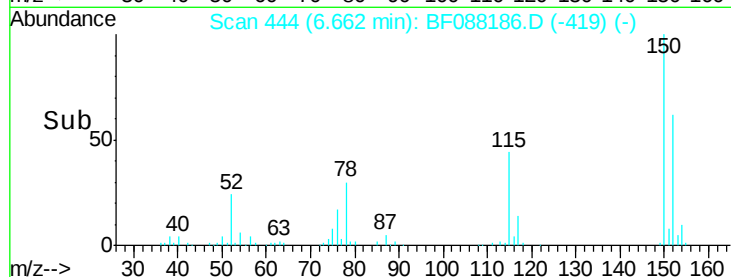
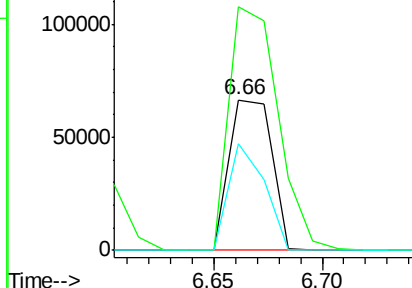
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

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Tgt Ion:152 Resp: 90433
 Ion Ratio Lower Upper
 152 100
 150 162.1 123.8 185.6
 115 70.6 39.6 59.4#

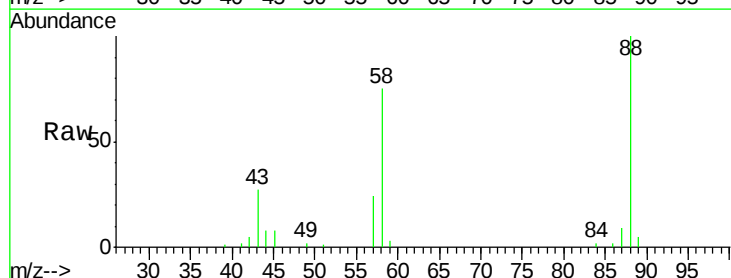


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

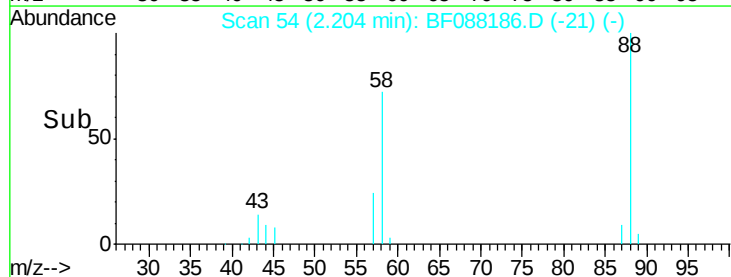
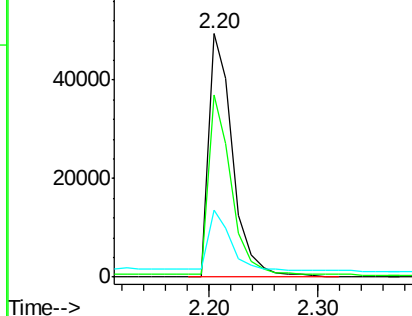


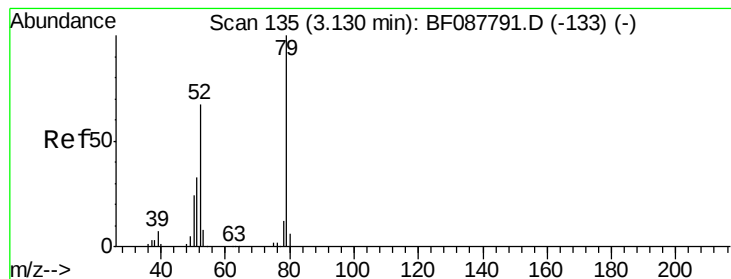
#2
 1,4-Dioxane
 Concen: 29.65 ng
 RT: 2.20 min Scan# 54
 Delta R.T. 0.08 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Tgt Ion: 88 Resp: 76211
 Ion Ratio Lower Upper
 88 100
 58 69.5 0.0 0.0#
 43 23.5 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: 32.15 ng

RT: 2.87 min Scan# 112

Delta R.T. 0.07 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

PB91400BS

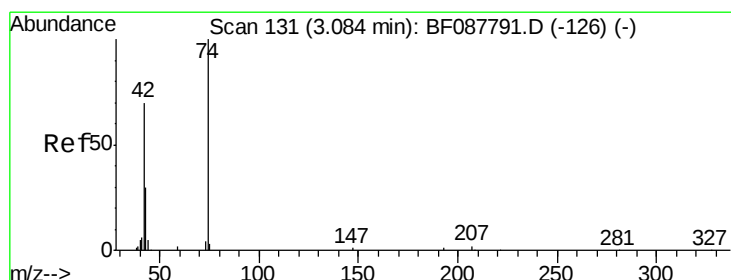
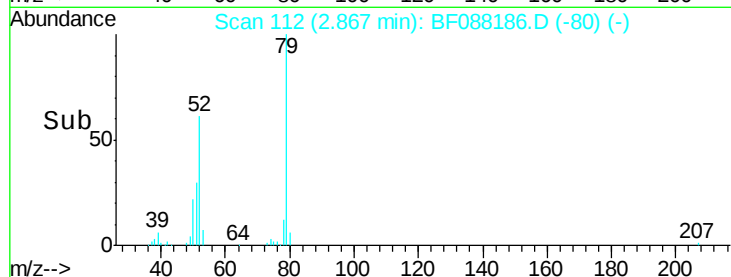
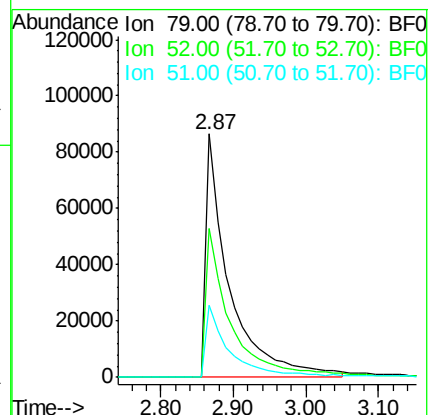
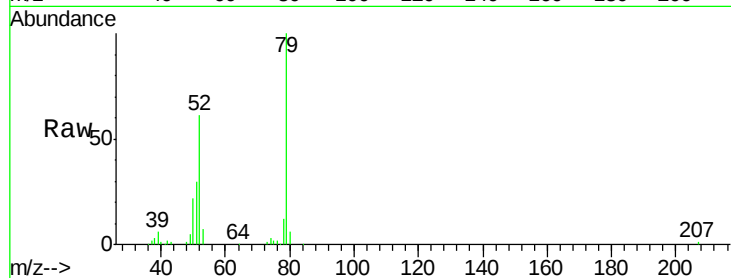
Tgt Ion: 79 Resp: 195124

Ion Ratio Lower Upper

79 100

52 61.3 56.3 84.5

51 29.7 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 31.45 ng

RT: 2.82 min Scan# 108

Delta R.T. 0.07 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

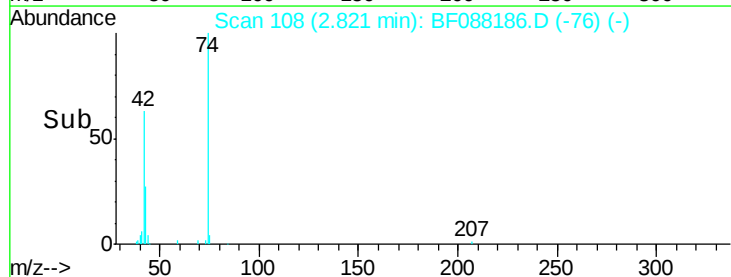
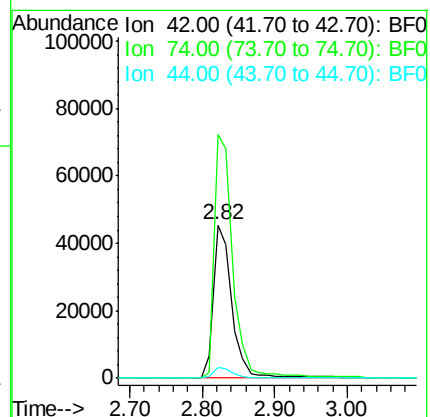
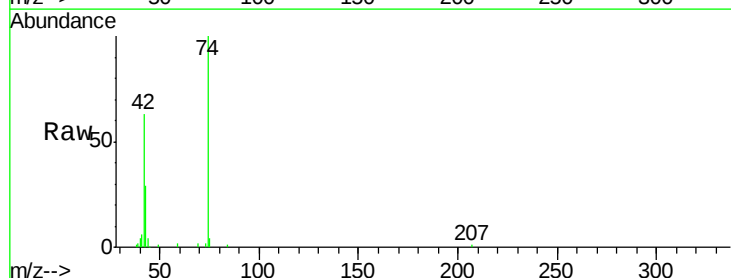
Tgt Ion: 42 Resp: 80841

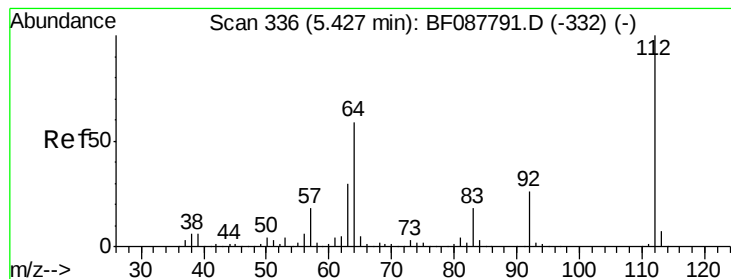
Ion Ratio Lower Upper

42 100

74 158.9 108.6 163.0

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 71.94 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

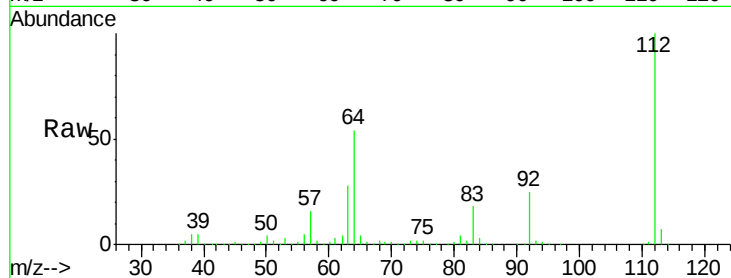
Instrument :

BNA_F

ClientSampleId :

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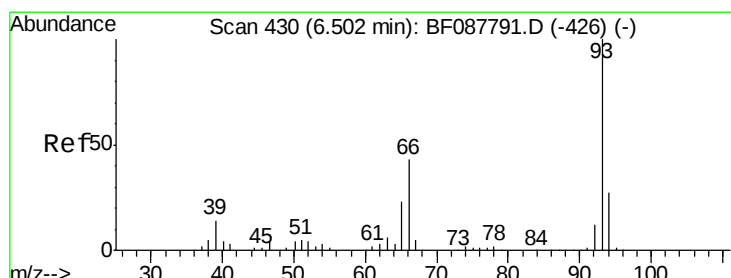
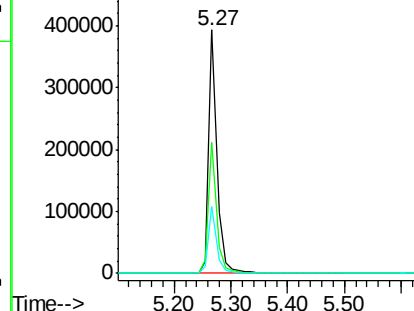
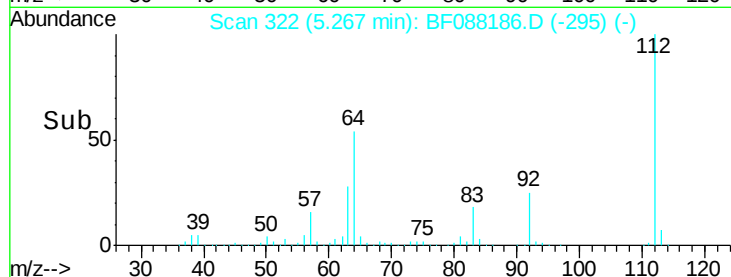
Tgt Ion:	112	Resp:	380552
Ion Ratio	Lower	Upper	
112	100		
64	53.7	42.2	63.2
63	27.6	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.80 ng

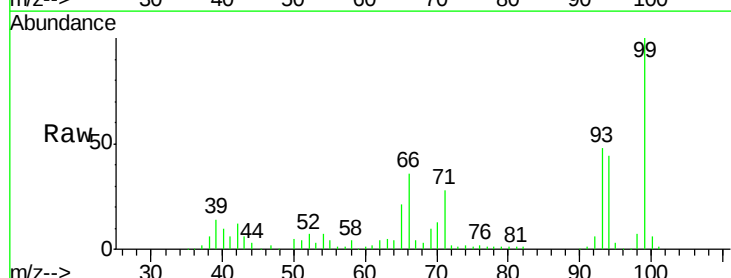
RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

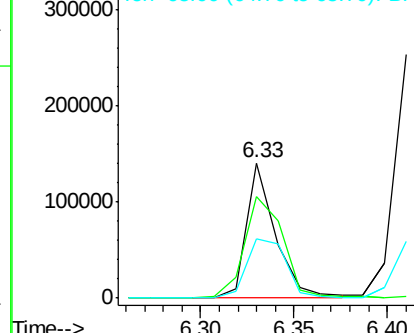
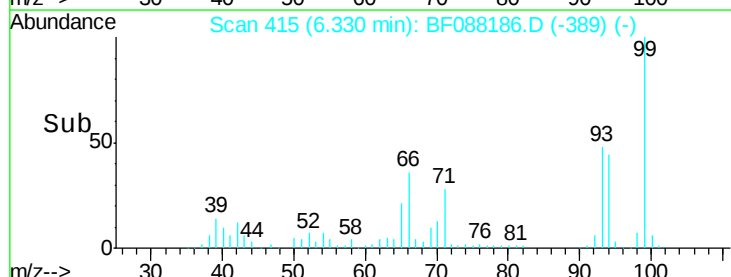
Tgt Ion:	93	Resp:	153263
Ion Ratio	Lower	Upper	
93	100		
66	75.4	29.8	44.8#
65	43.5	14.9	22.3#

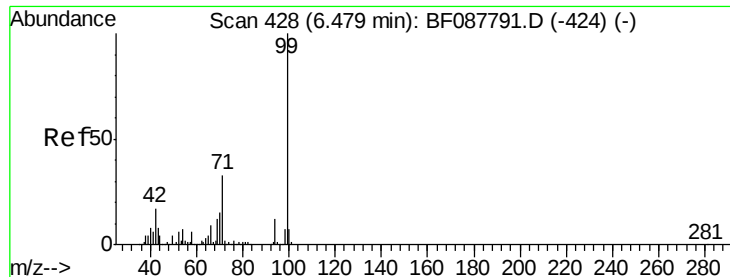


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 73.10 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

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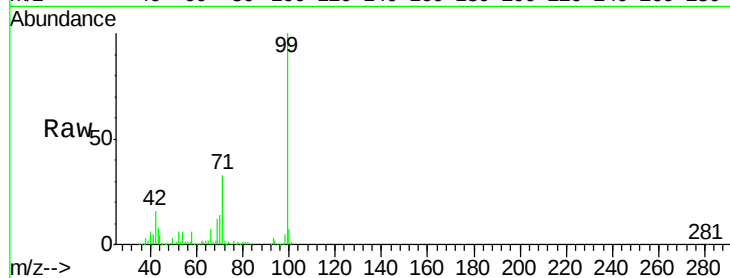
Tgt Ion: 99 Resp: 468666

Ion Ratio Lower Upper

99 100

42 15.6 12.2 18.2

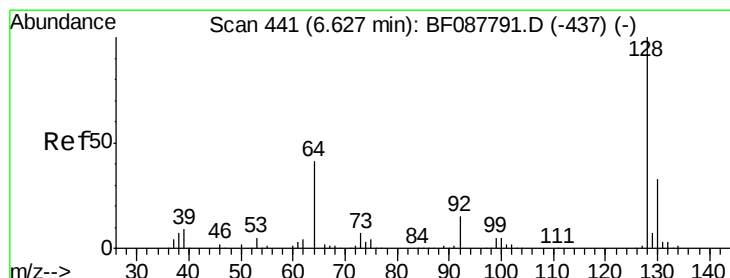
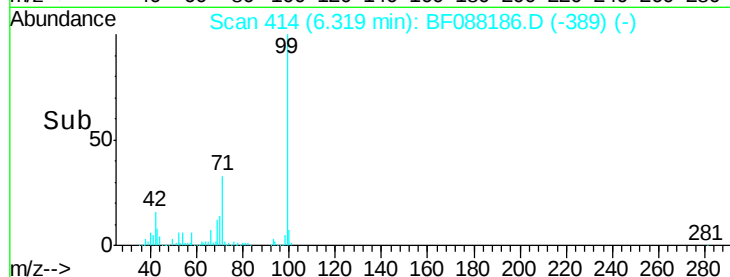
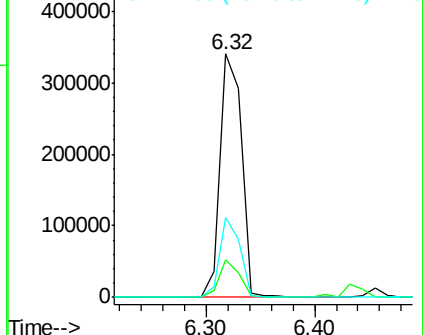
71 32.7 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.66 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

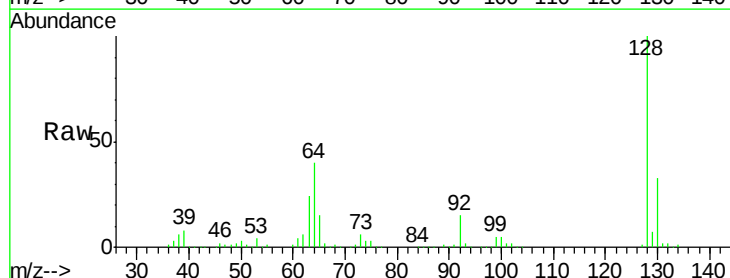
Tgt Ion: 128 Resp: 242060

Ion Ratio Lower Upper

128 100

130 33.1 12.0 52.0

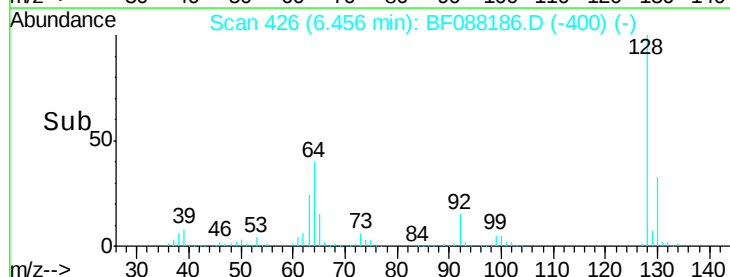
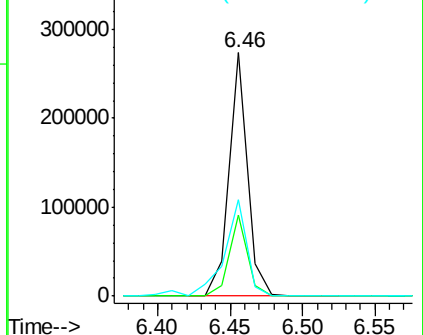
64 39.6 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 39.35 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

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ClientSampleId :

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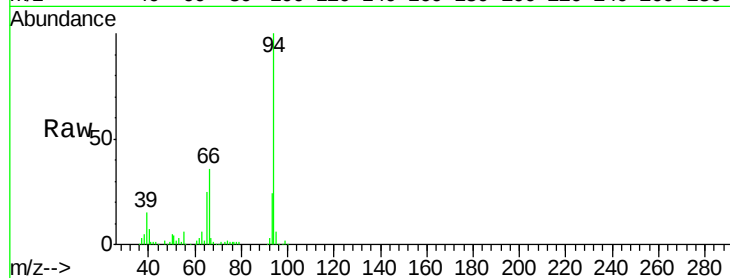
Tgt Ion: 94 Resp: 262562

Ion Ratio Lower Upper

94 100

65 25.2 5.9 45.9

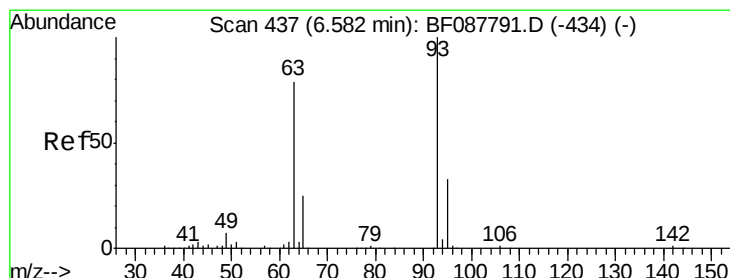
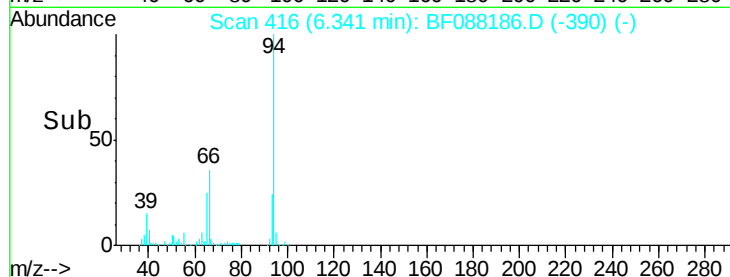
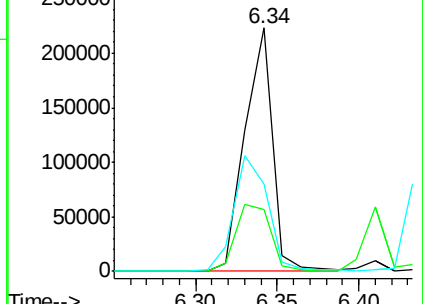
66 35.9 14.0 54.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 37.61 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

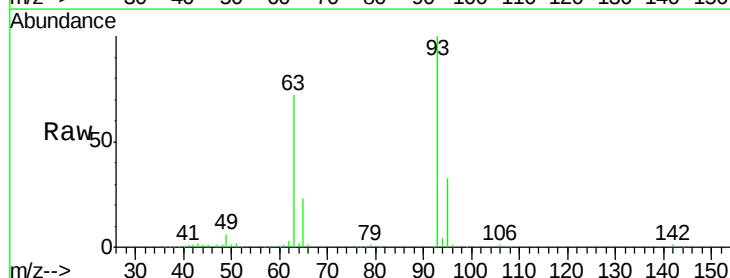
Tgt Ion: 93 Resp: 211427

Ion Ratio Lower Upper

93 100

63 72.0 67.6 107.6

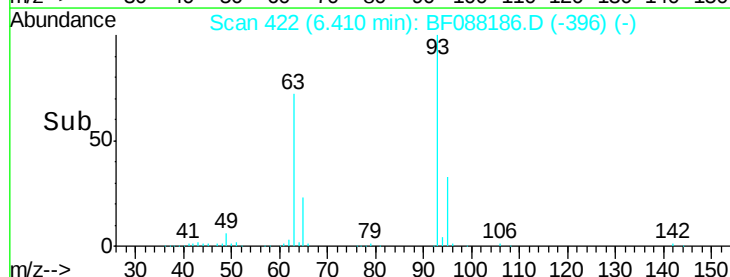
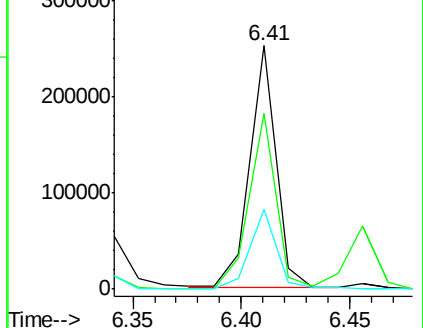
95 32.8 12.5 52.5

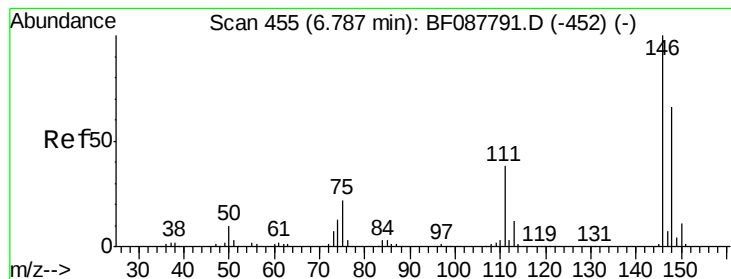


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 35.75 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

PB91400BS

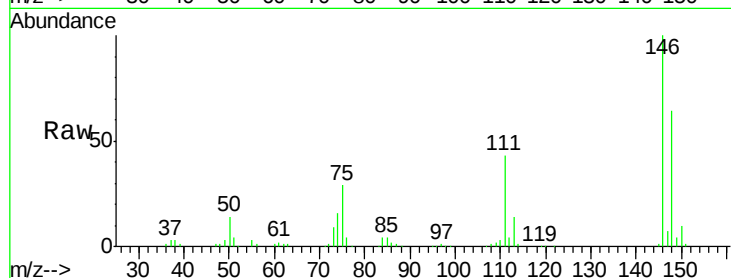
Tgt Ion:146 Resp: 240188

Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

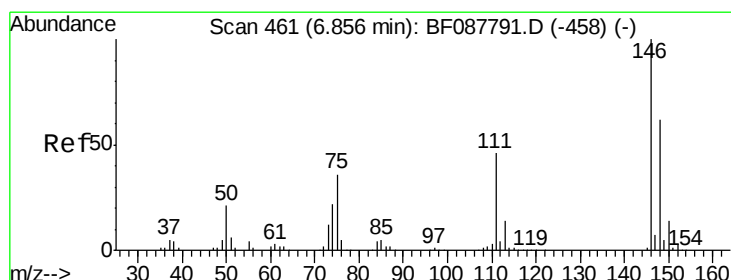
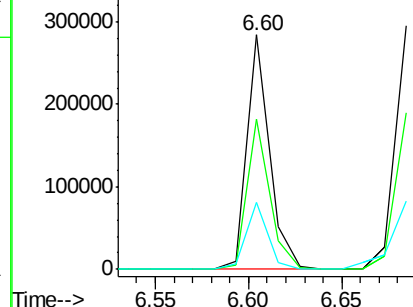
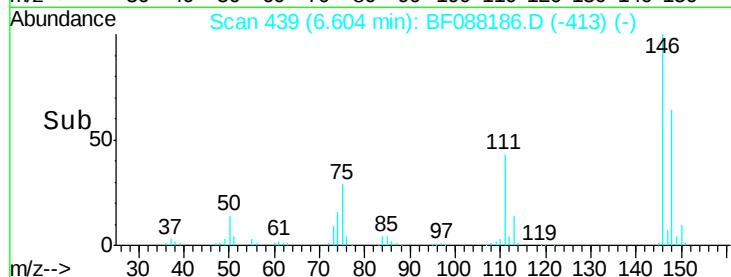
75 28.5 25.6 38.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 36.98 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

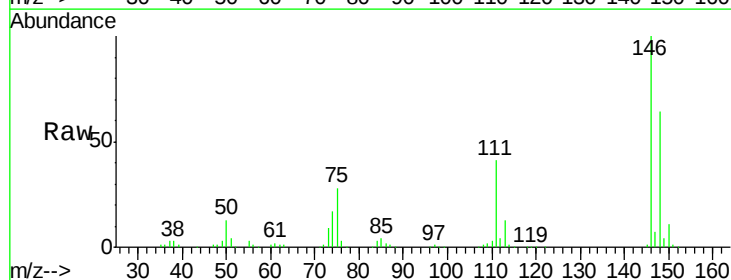
Tgt Ion:146 Resp: 250287

Ion Ratio Lower Upper

146 100

148 64.1 52.0 78.0

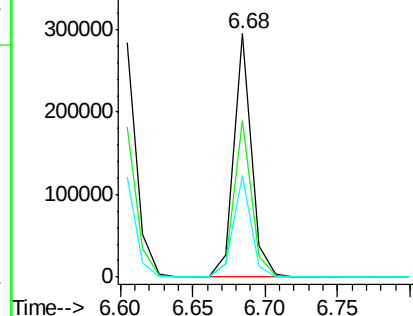
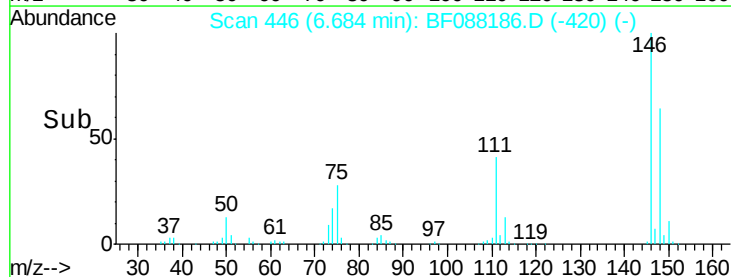
111 41.5 33.8 50.8

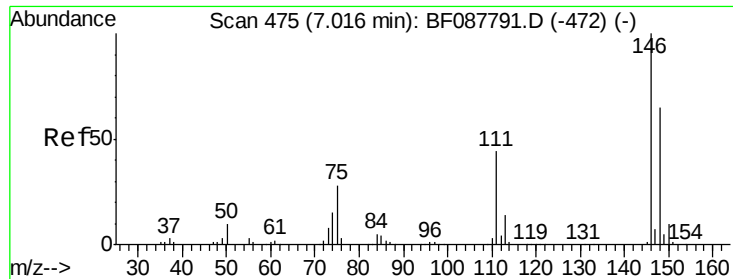


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 40.67 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.16 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

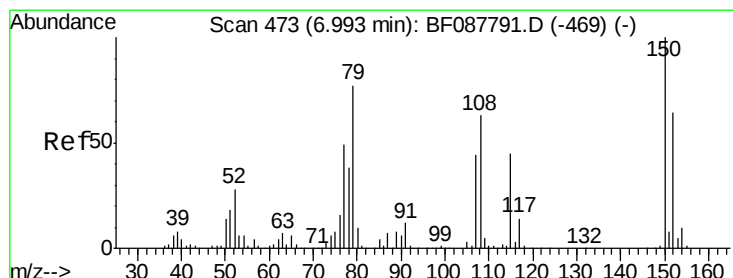
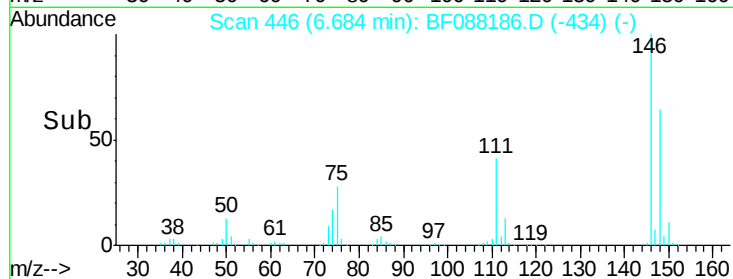
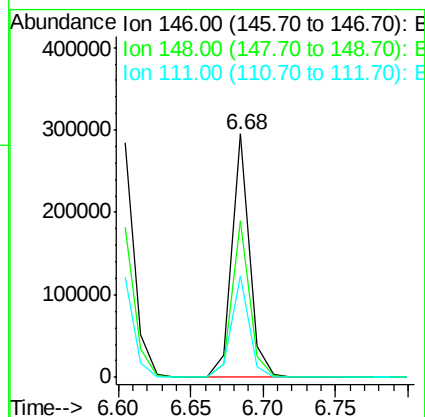
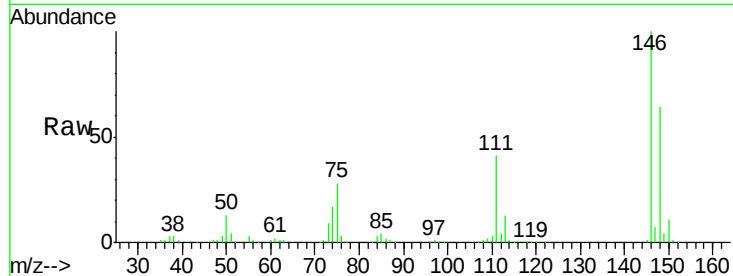
Instrument :

BNA_F

ClientSampleId :

PB91400BS

Tgt Ion:	146	Resp:	250287
Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.3	78.5
111	41.5	28.7	43.1



#15

Benzyl Alcohol

Concen: 30.84 ng

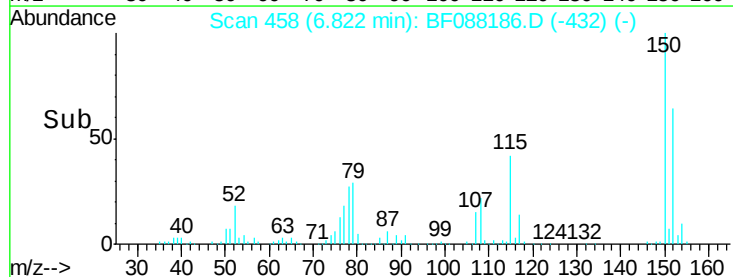
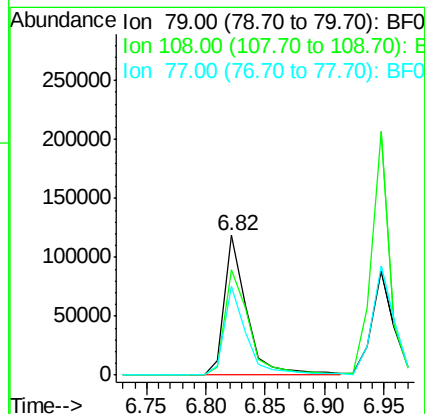
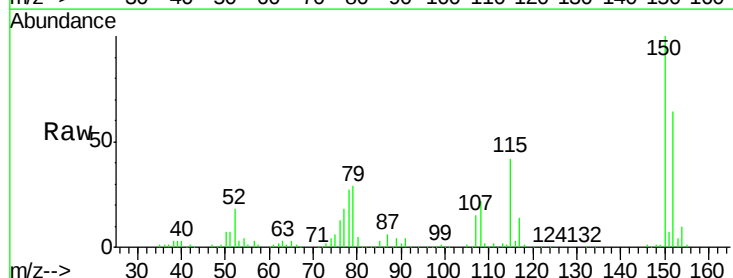
RT: 6.82 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Tgt Ion:	79	Resp:	154666
Ion	Ratio	Lower	Upper
79	100		
108	75.3	65.0	97.6
77	63.4	50.3	75.5

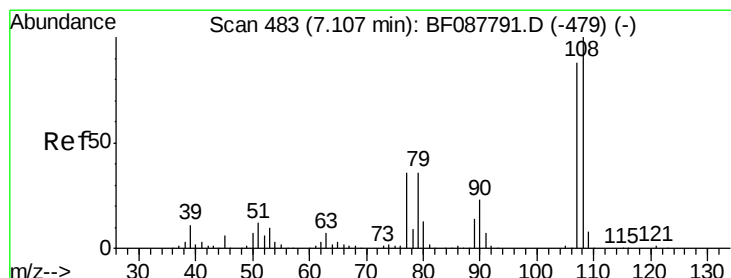
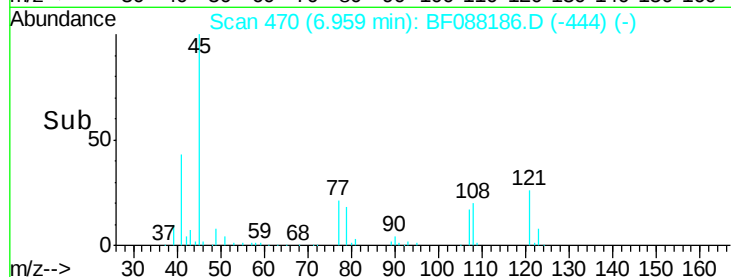
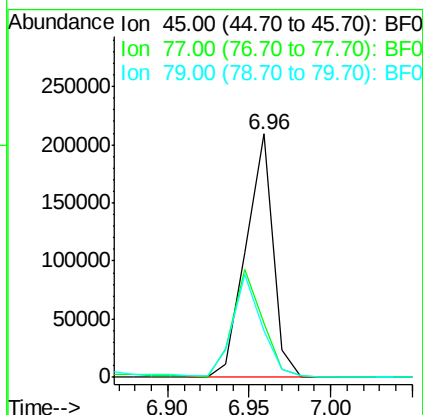
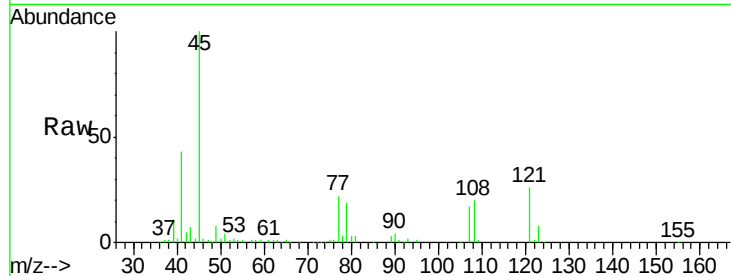




#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.85 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

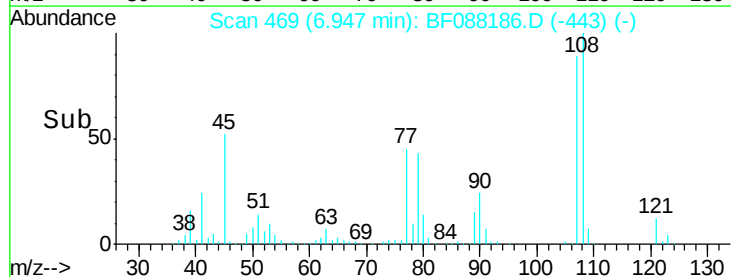
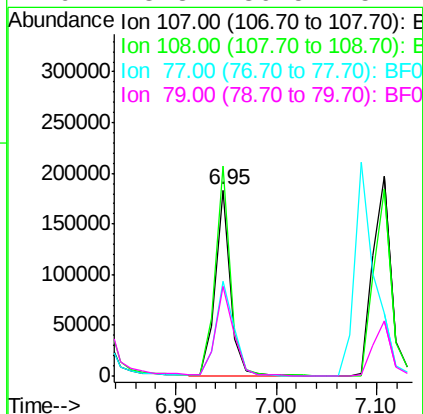
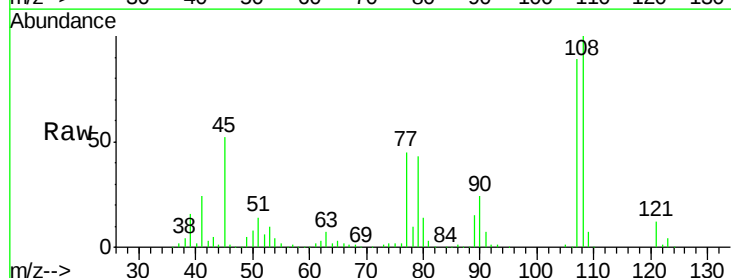
Instrument :
BNA_F
ClientSampleId :
PB91400BS

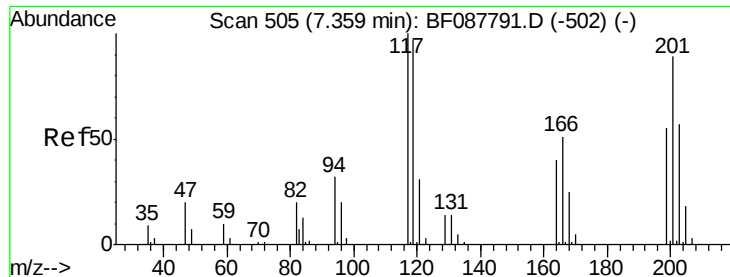
Tgt Ion: 45 Resp: 241921
Ion Ratio Lower Upper
45 100
77 22.3 0.0 32.5
79 19.3 0.0 29.5



#17
2-Methylphenol
Concen: 37.64 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion: 107 Resp: 191114
Ion Ratio Lower Upper
107 100
108 112.8 90.9 136.3
77 50.8 36.6 55.0
79 48.3 36.5 54.7

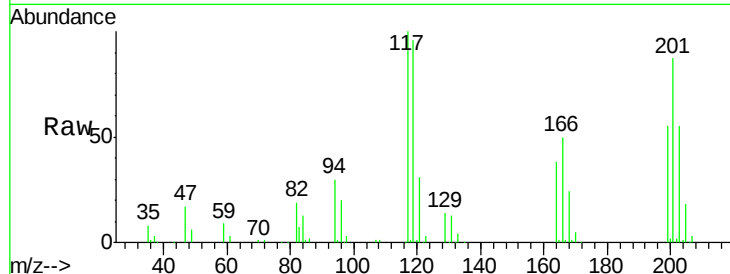




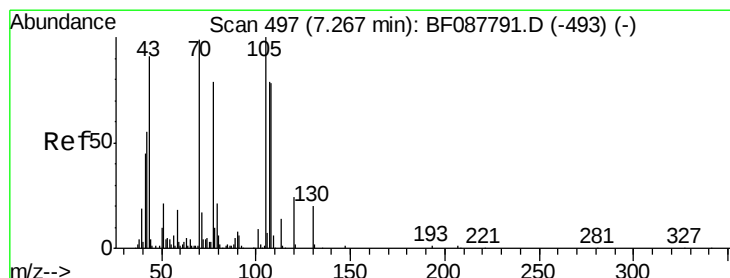
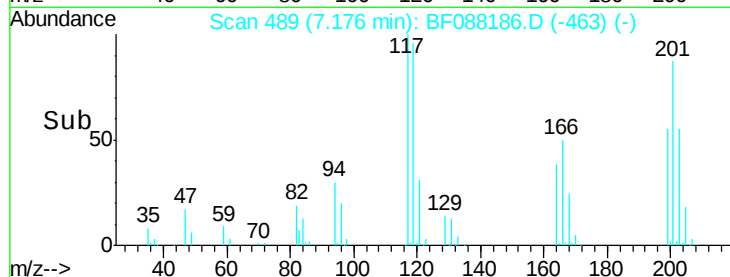
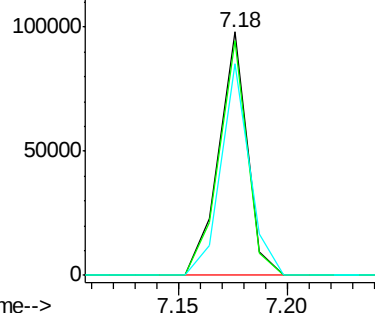
#18
Hexachloroethane
Concen: 37.15 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

Tgt Ion: 117 Resp: 89215
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.2
201 87.0 80.4 120.6

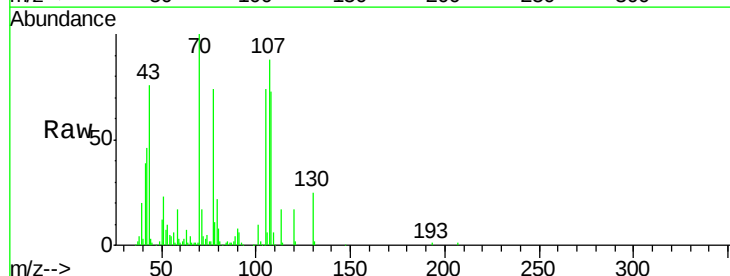


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

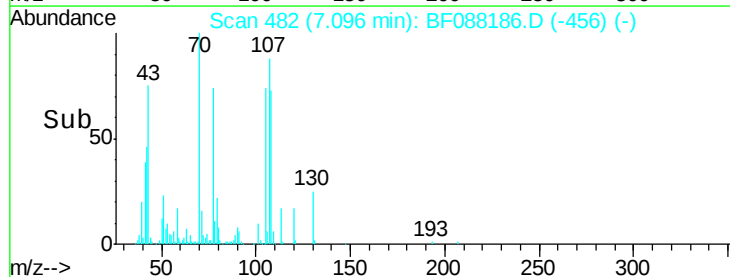
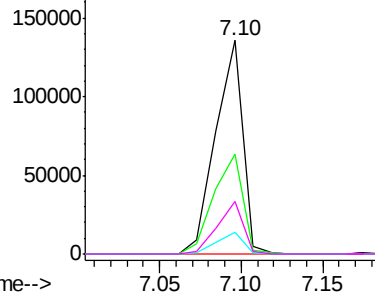


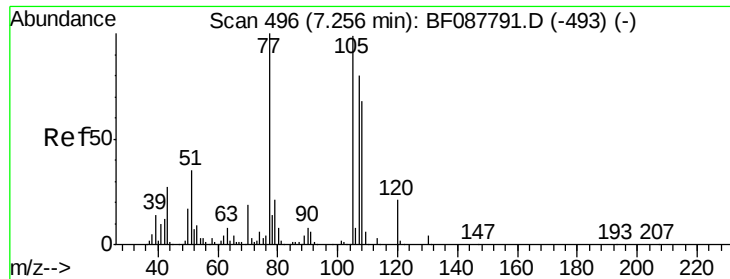
#19
n-Nitroso-di-n-propylamine
Concen: 38.16 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion: 70 Resp: 156486
Ion Ratio Lower Upper
70 100
42 46.5 49.6 74.4#
101 10.4 7.1 10.7
130 24.6 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

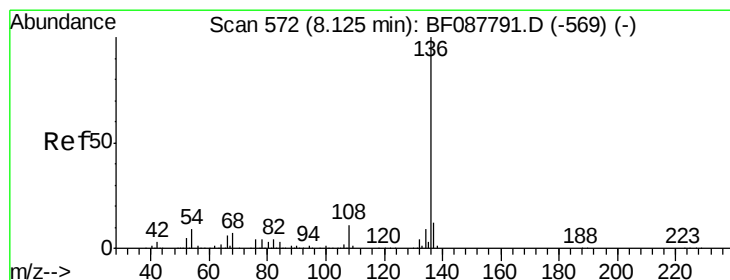
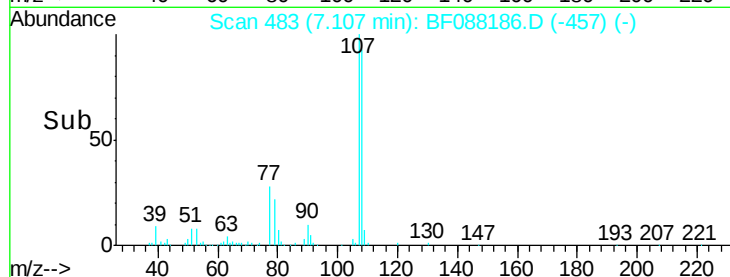
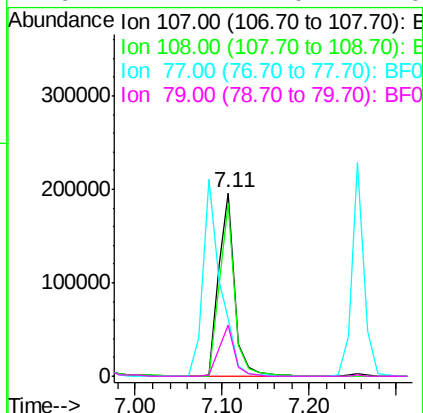
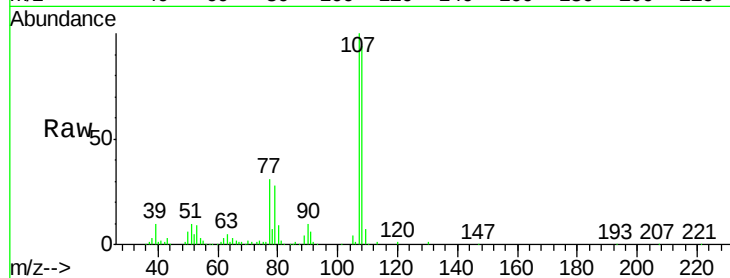




#20
3+4-Methylphenols
Concen: 43.03 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

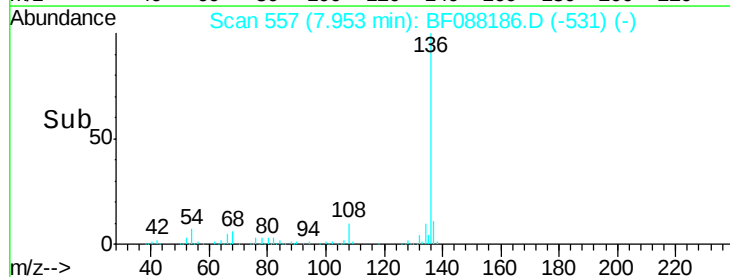
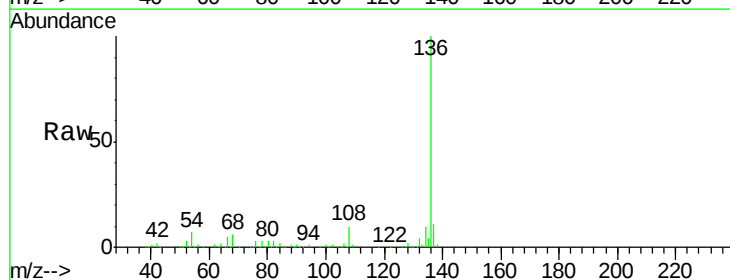
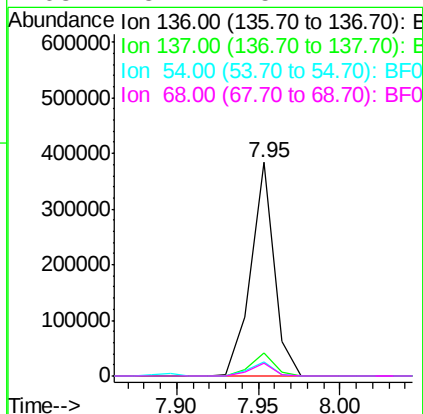
Instrument :
BNA_F
ClientSampleId :
PB91400BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.9	67.8	107.8
77	31.2	59.3	99.3#
79	27.7	7.0	47.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.8	6.6	10.0
68	5.7	5.1	7.7





#22

Acetophenone

Concen: 36.12 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

PB91400BS

Tgt Ion: 105 Resp: 306027

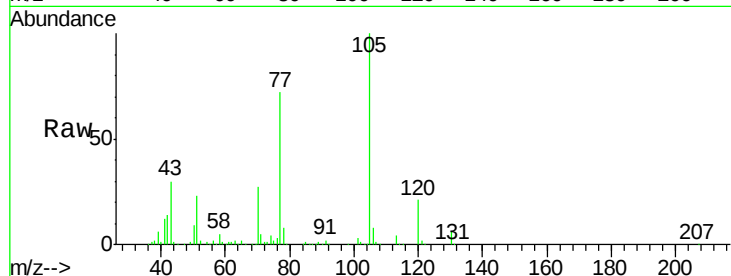
Ion Ratio Lower Upper

105 100

71 4.5 5.3 7.9#

51 22.6 18.2 27.4

120 21.3 18.0 27.0

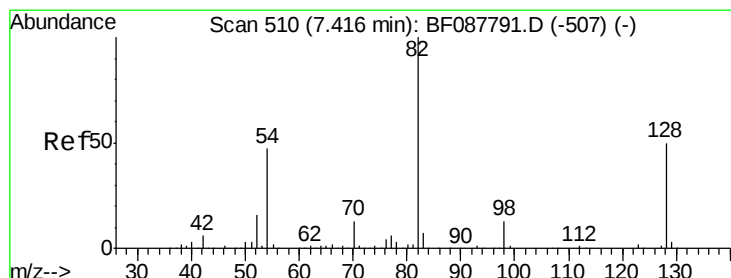
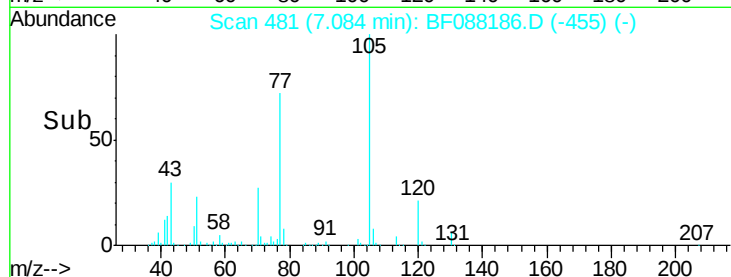
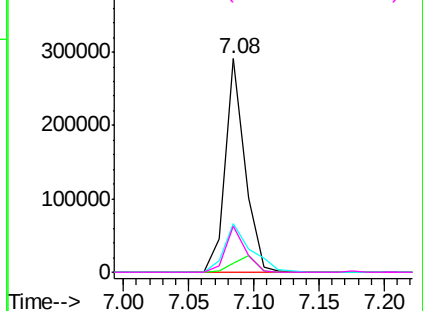


Abundance Ion 105.00 (104.70 to 105.70): E

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: 66.63 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

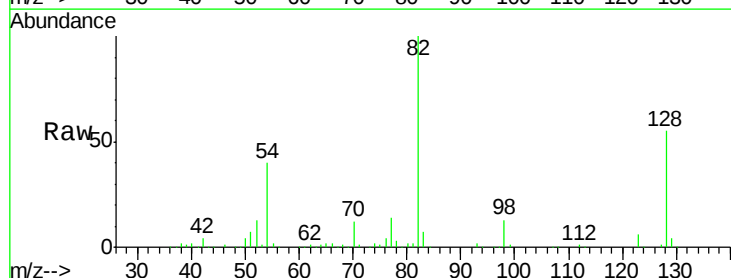
Tgt Ion: 82 Resp: 432645

Ion Ratio Lower Upper

82 100

128 55.4 35.9 53.9#

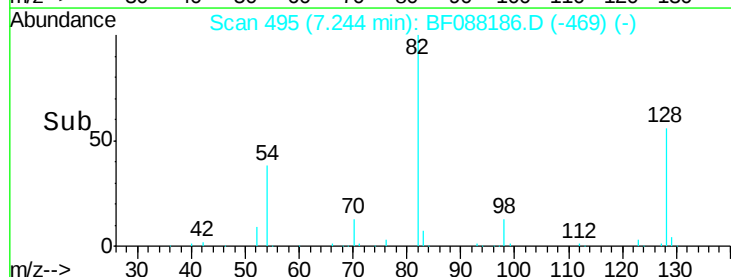
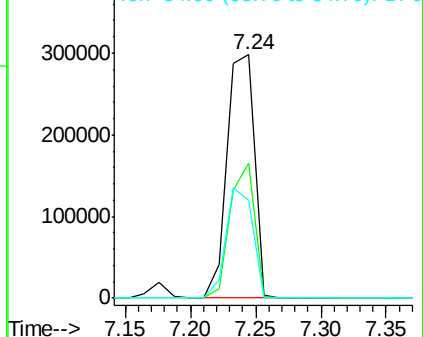
54 40.3 40.9 61.3#

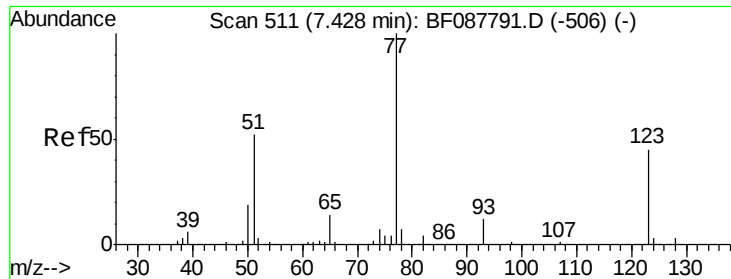


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

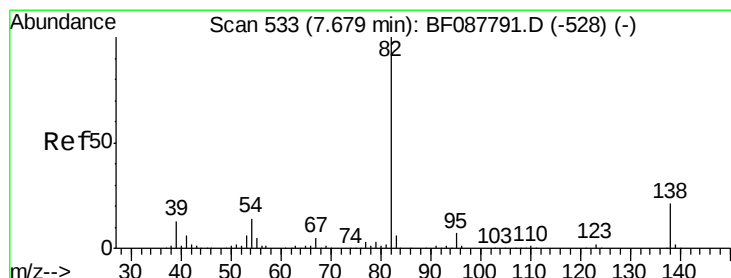
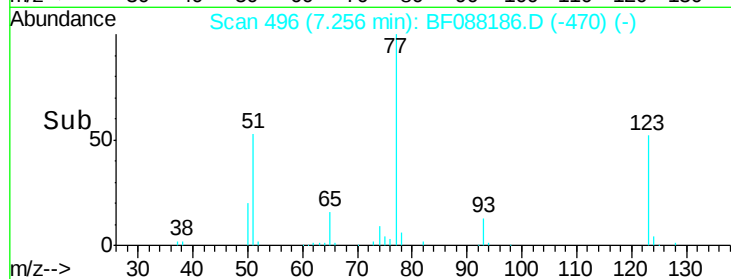
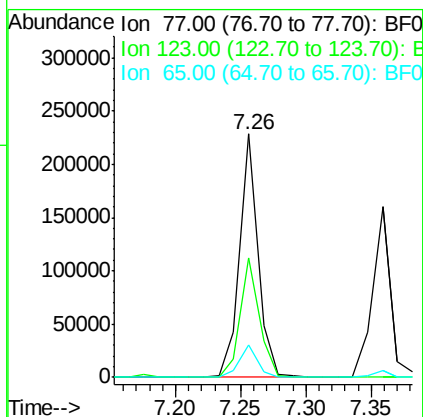
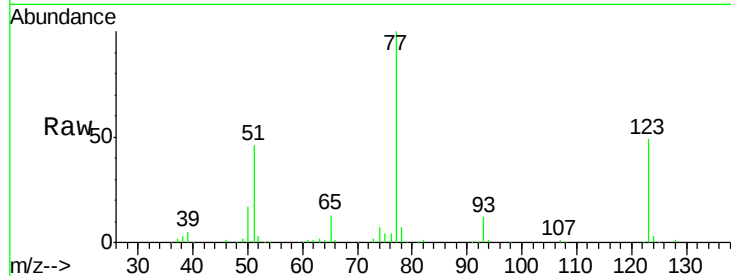




#24
 Nitrobenzene
 Concen: 35.58 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

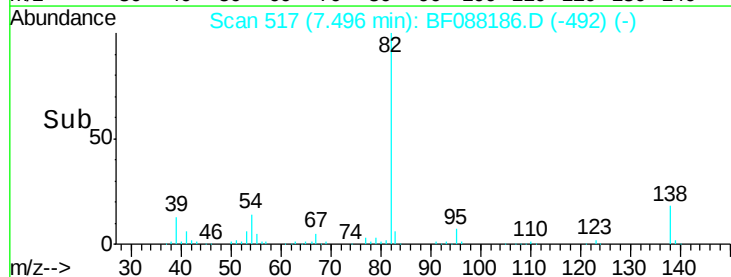
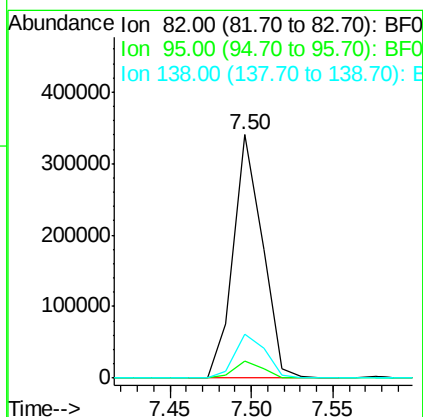
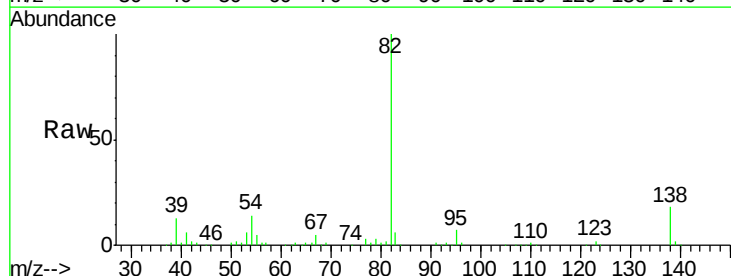
Instrument :
 BNA_F
 ClientSampleId :
 PB91400BS

Tgt Ion: 77 Resp: 223771
 Ion Ratio Lower Upper
 77 100
 123 48.8 45.0 67.4
 65 13.2 10.2 15.2



#25
 Isophorone
 Concen: 34.89 ng
 RT: 7.50 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Tgt Ion: 82 Resp: 419634
 Ion Ratio Lower Upper
 82 100
 95 7.0 5.4 8.2
 138 18.0 14.6 21.8





#26

2-Nitrophenol

Concen: 39.17 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

PB91400BS

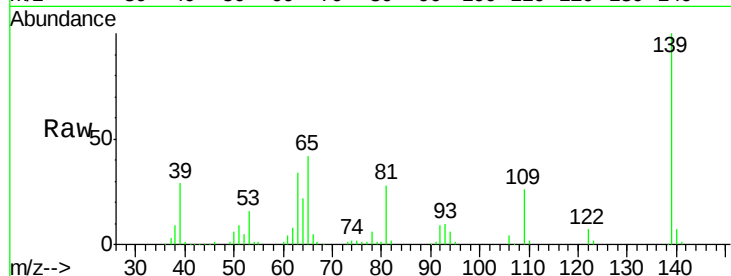
Tgt Ion:139 Resp: 131991

Ion Ratio Lower Upper

139 100

109 25.9 23.0 34.4

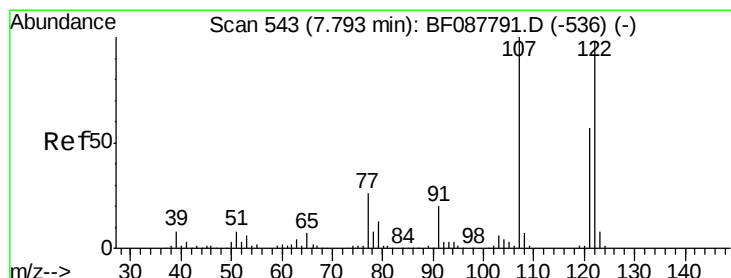
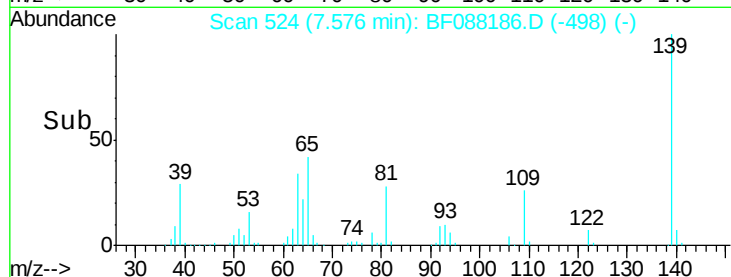
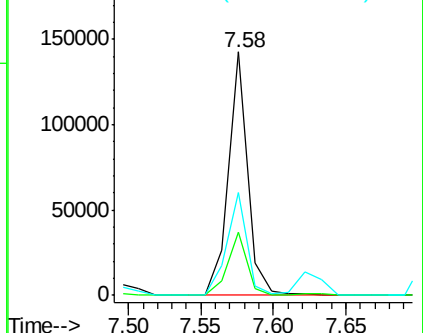
65 42.2 45.8 68.8#



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): E



#27

2,4-Dimethylphenol

Concen: 33.61 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

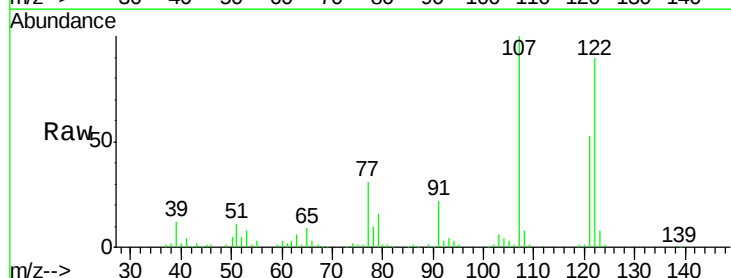
Tgt Ion:122 Resp: 208500

Ion Ratio Lower Upper

122 100

107 110.6 82.4 123.6

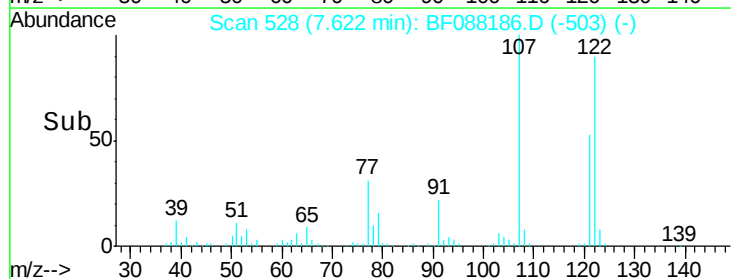
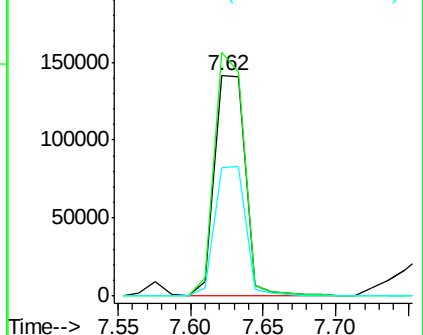
121 58.1 46.3 69.5

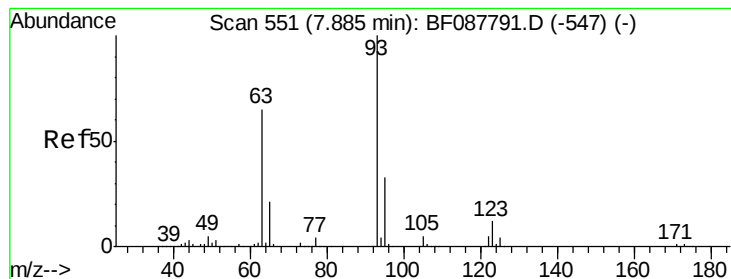


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 36.20 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

PB91400BS

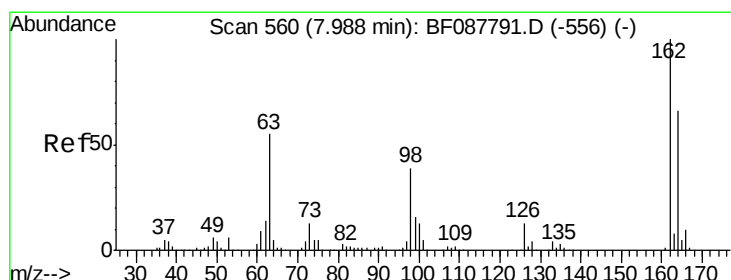
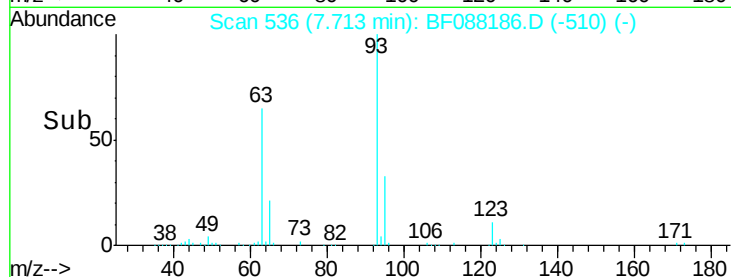
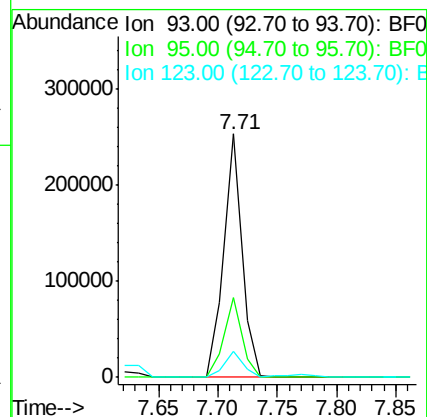
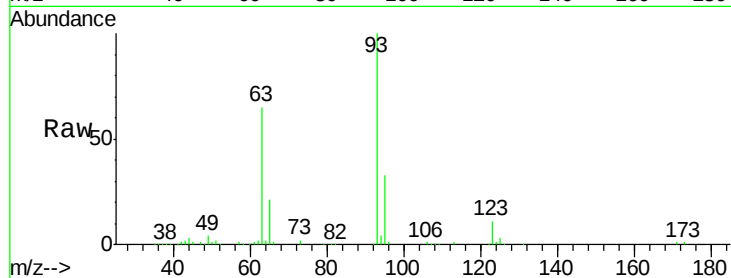
Tgt Ion: 93 Resp: 270056

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

123 10.8 11.6 17.4#



#29

2,4-Dichlorophenol

Concen: 39.18 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

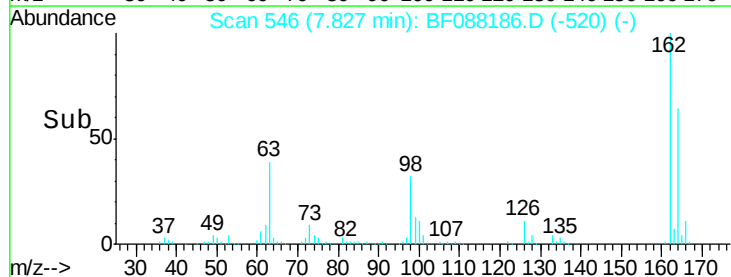
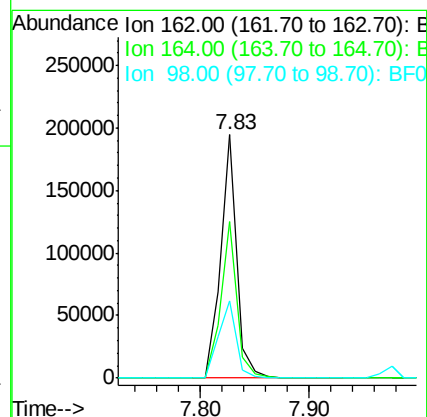
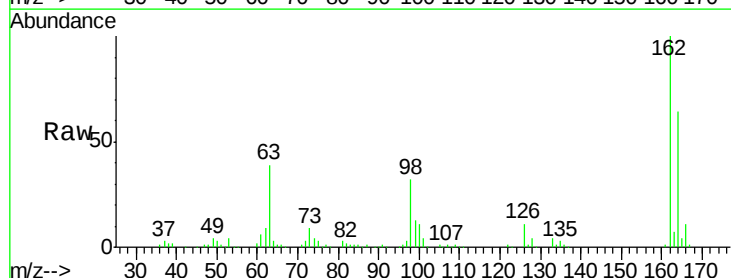
Tgt Ion: 162 Resp: 202959

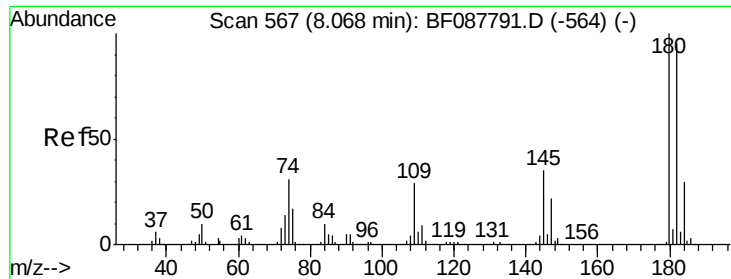
Ion Ratio Lower Upper

162 100

164 64.4 43.8 83.8

98 31.6 21.3 61.3

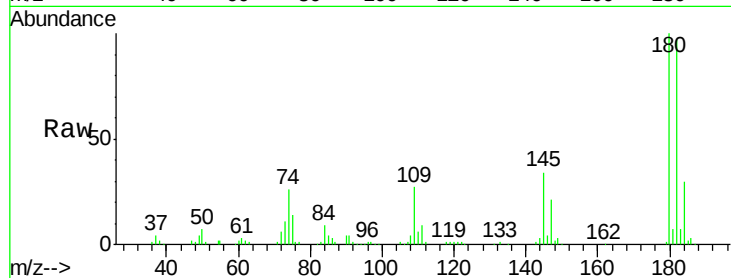




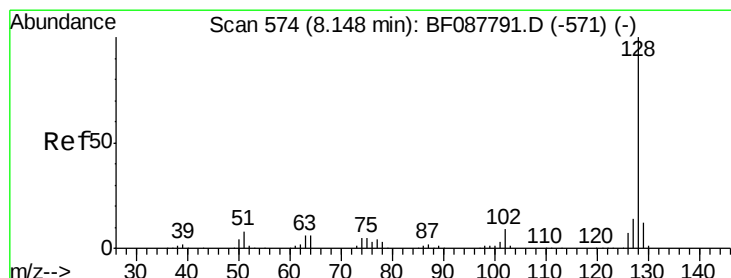
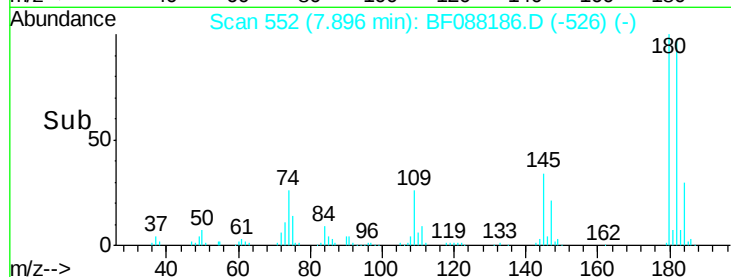
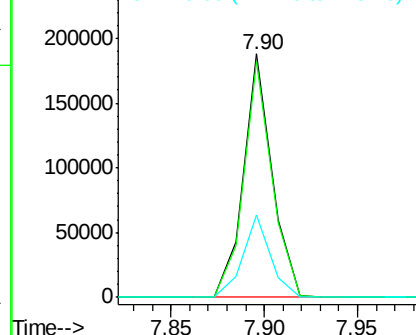
#30
 1,2,4-Trichlorobenzene
 Concen: 35.38 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Instrument :
 BNA_F
 ClientSampleId :
 PB91400BS

Tgt Ion:180 Resp: 199523
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.0 114.0
 145 34.0 26.5 39.7

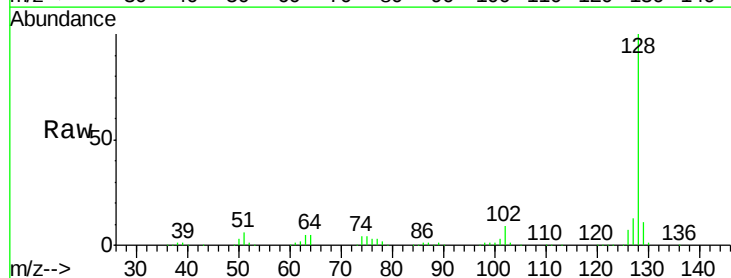


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

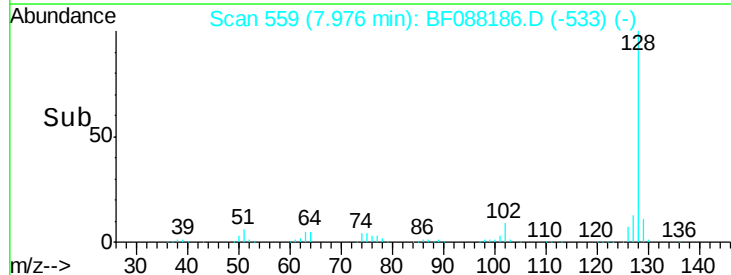
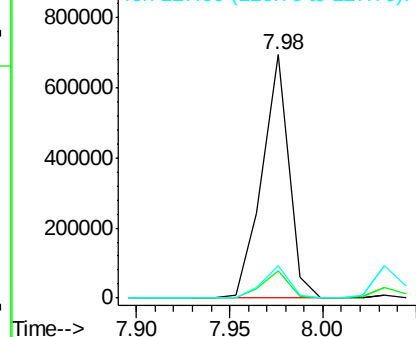


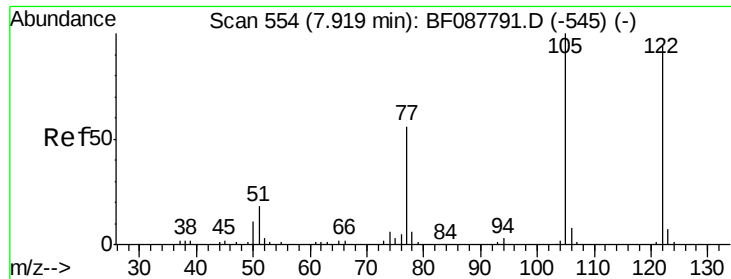
#31
 Naphthalene
 Concen: 36.84 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Tgt Ion:128 Resp: 691230
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.4 14.2
 127 13.4 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

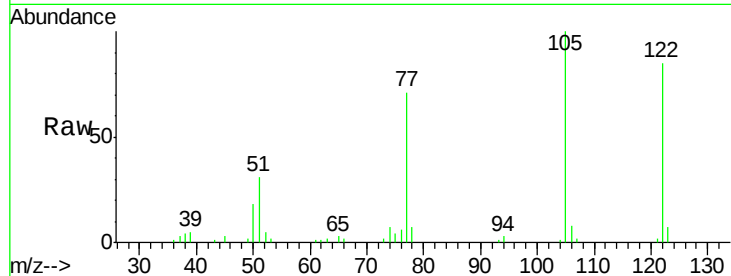




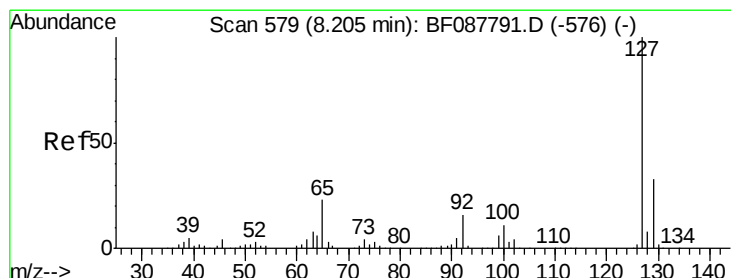
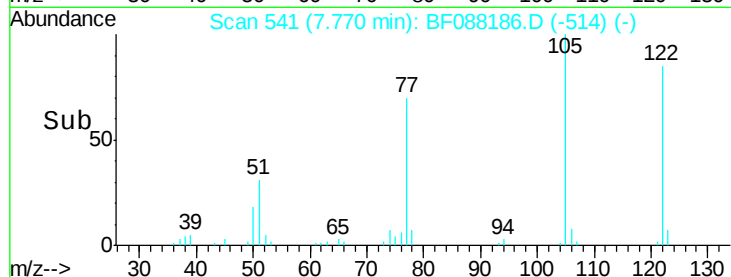
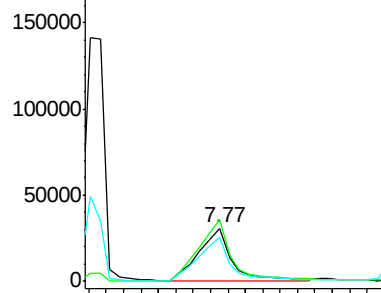
#32
Benzoic acid
Concen: 22.85 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

Tgt Ion:122 Resp: 78056
Ion Ratio Lower Upper
122 100
105 117.9 101.6 141.6
77 84.0 70.6 110.6



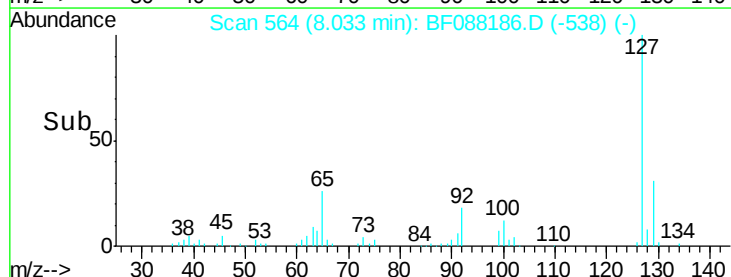
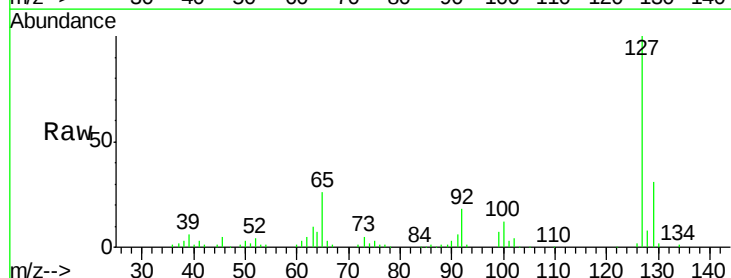
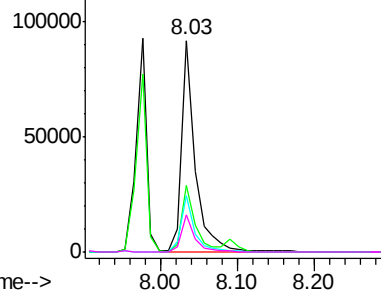
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0



#33
4-Chloroaniline
Concen: 13.57 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion:127 Resp: 113703
Ion Ratio Lower Upper
127 100
129 31.4 26.3 39.5
65 26.5 24.7 37.1
92 17.6 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

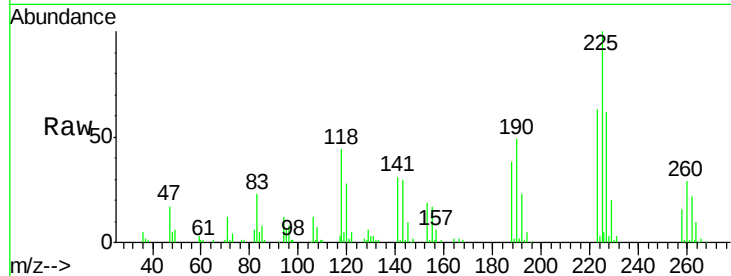




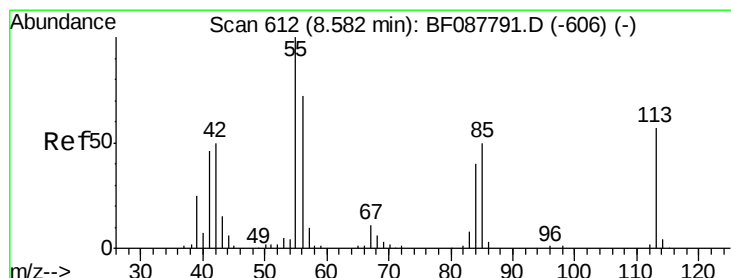
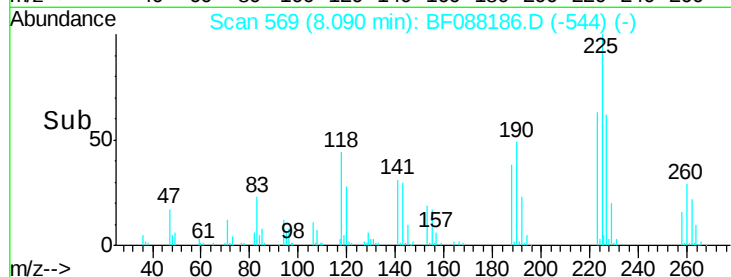
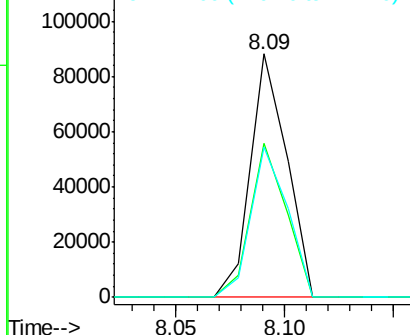
#34
Hexachlorobutadiene
Concen: 34.50 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

Tgt Ion: 225 Resp: 102632
Ion Ratio Lower Upper
225 100
223 63.5 50.9 76.3
227 61.6 51.9 77.9

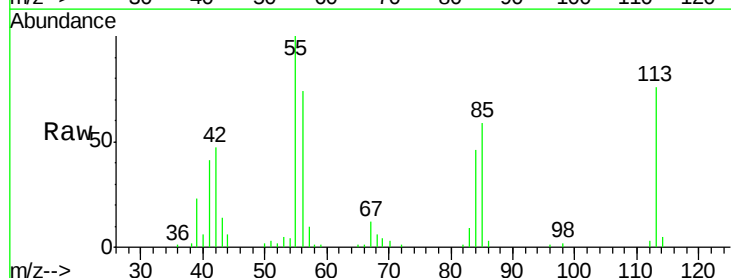


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

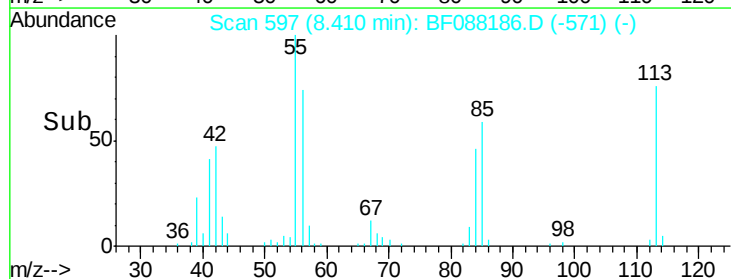
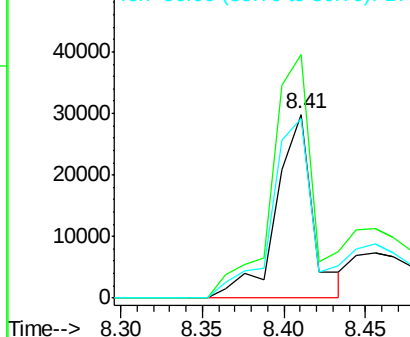


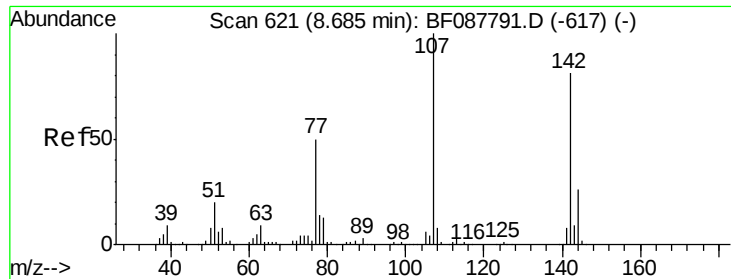
#35
Caprolactam
Concen: 27.06 ng
RT: 8.41 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion: 113 Resp: 46427
Ion Ratio Lower Upper
113 100
55 132.4 158.6 198.6#
56 97.6 110.6 150.6#



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

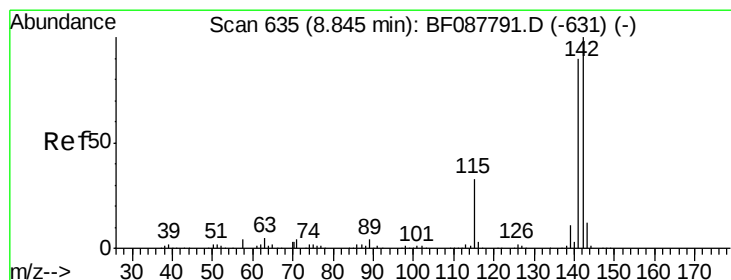
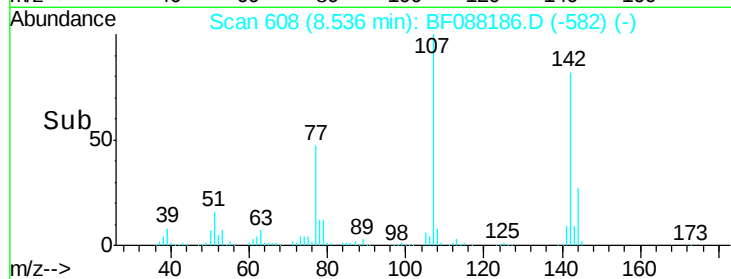
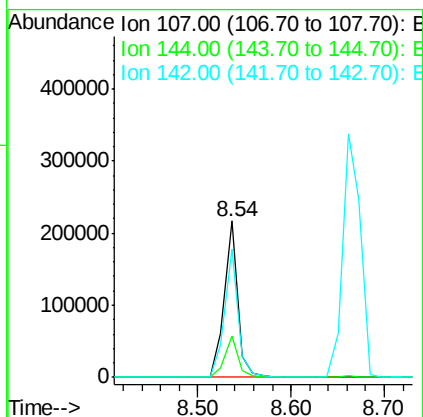
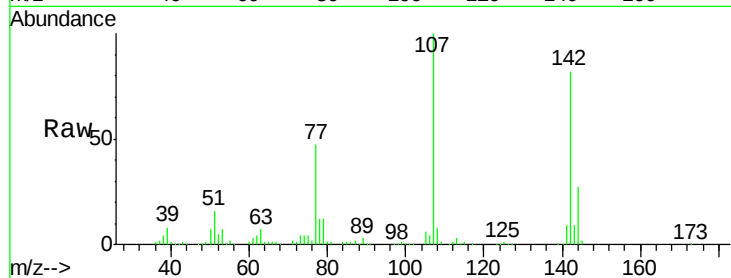




#36
 4-Chloro-3-methylphenol
 Concen: 39.40 ng
 RT: 8.54 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

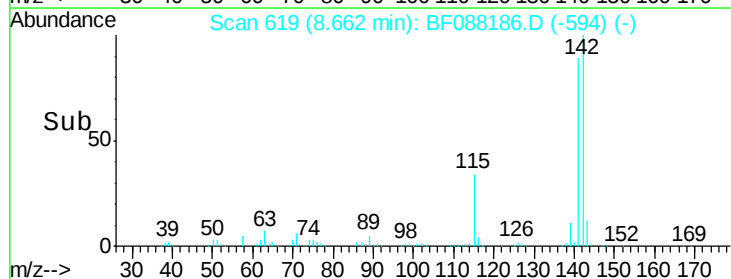
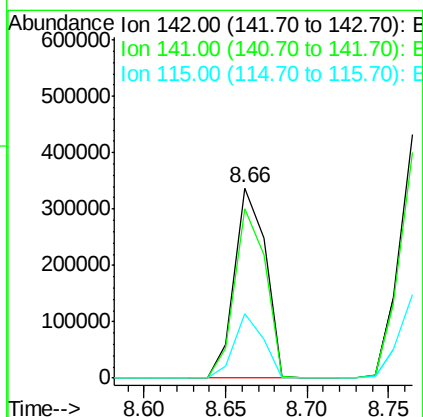
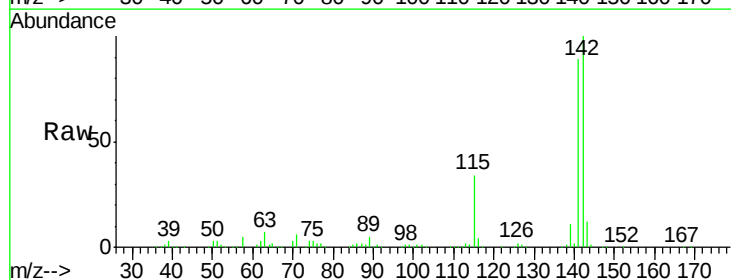
Instrument :
 BNA_F
 ClientSampleId :
 PB91400BS

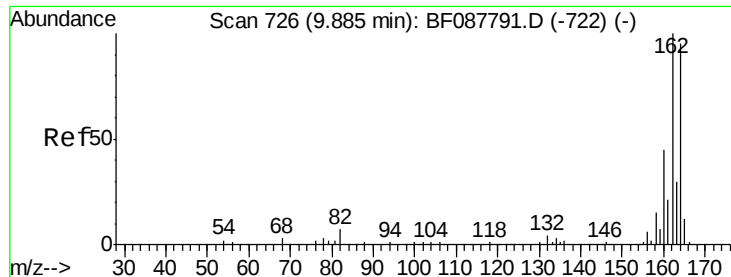
Tgt Ion:107 Resp: 218251
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.8 31.2
 142 82.1 63.4 95.2



#37
 2-Methylnaphthalene
 Concen: 36.13 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Tgt Ion:142 Resp: 446874
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.0 106.6
 115 34.0 22.6 33.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampled :

PB91400BS

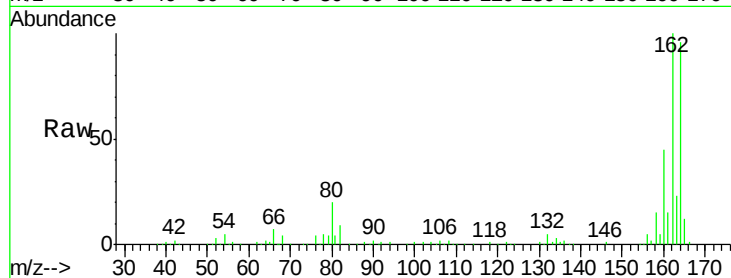
Tgt Ion:164 Resp: 183477

Ion Ratio Lower Upper

164 100

162 104.5 85.4 128.2

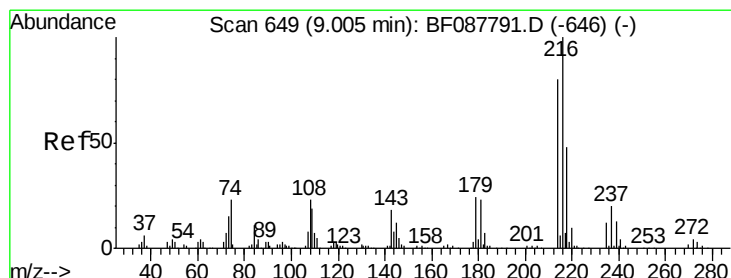
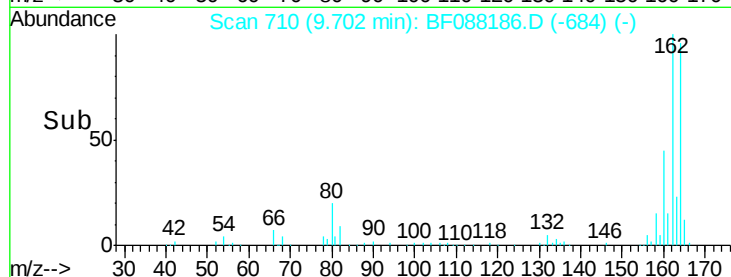
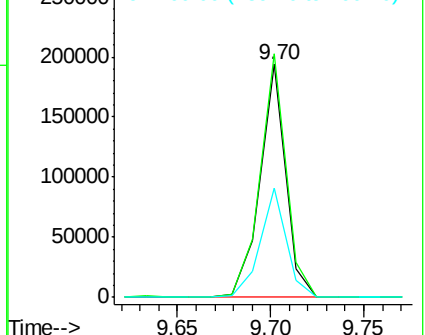
160 46.6 39.5 59.3



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: 37.14 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Tgt Ion:216 Resp: 188018

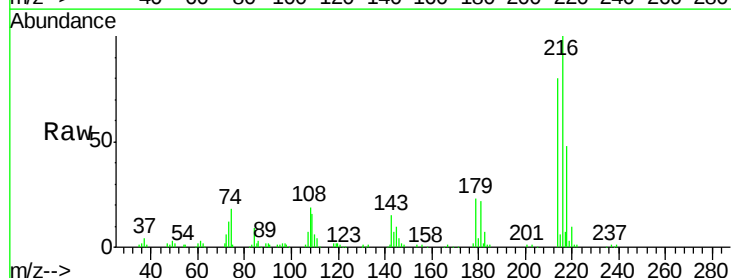
Ion Ratio Lower Upper

216 100

214 79.7 2.9 4.3#

179 22.7 0.0 0.0#

108 21.7 0.5 0.7#

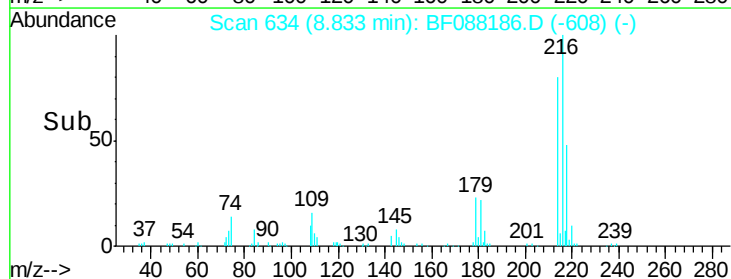
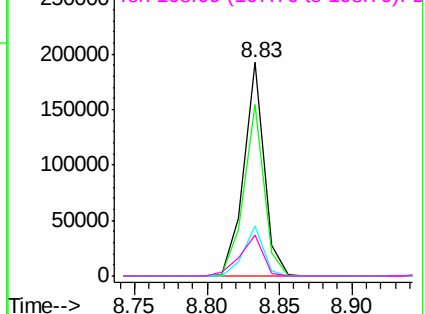


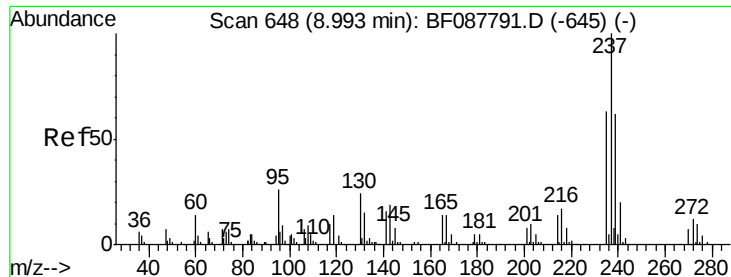
Abundance Ion 216.00 (215.70 to 216.70): E

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

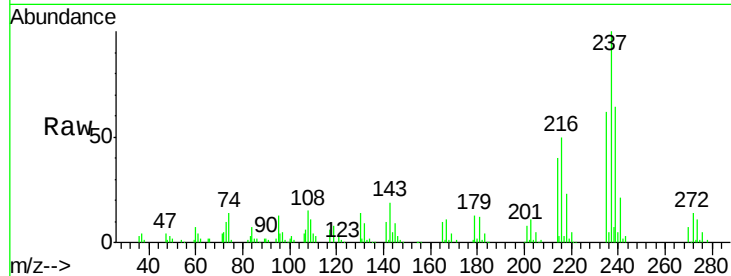




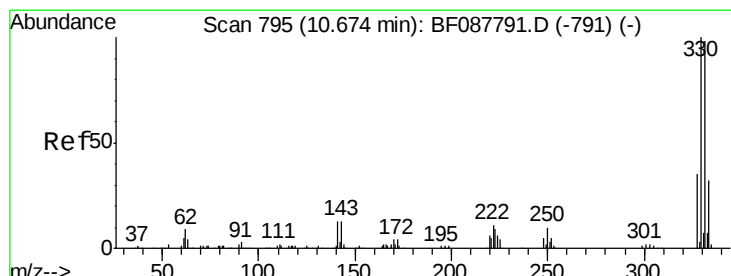
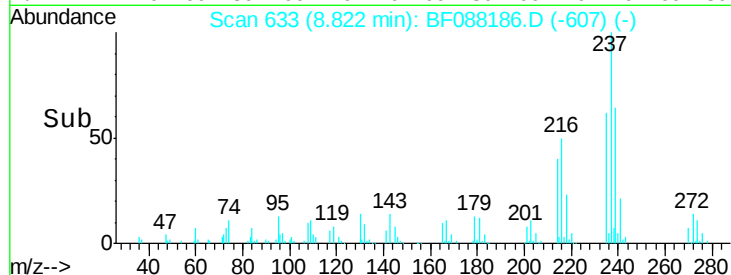
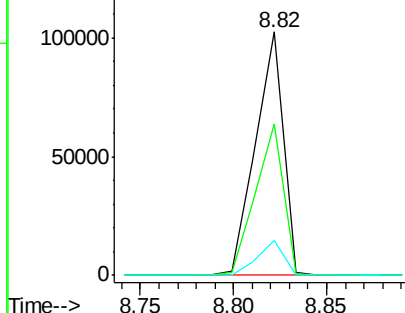
#40
Hexachlorocyclopentadiene
Concen: 35.55 ng
RT: 8.82 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

Tgt Ion: 237 Resp: 105224
Ion Ratio Lower Upper
237 100
235 62.0 43.4 83.4
272 14.2 0.0 32.3

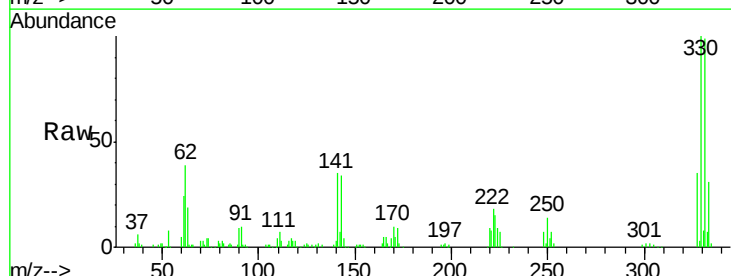


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

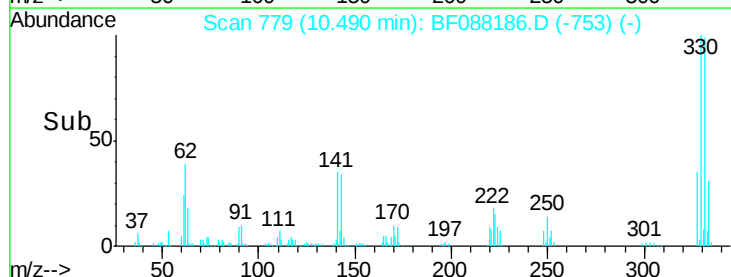
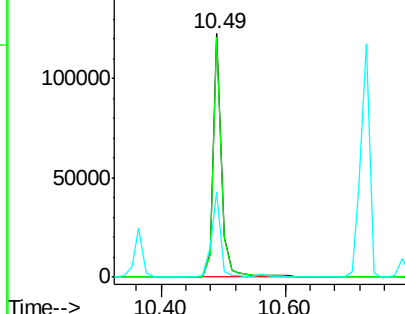


#41
2,4,6-Tribromophenol
Concen: 59.97 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion: 330 Resp: 116187
Ion Ratio Lower Upper
330 100
332 98.6 0.0 0.0#
141 37.4 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

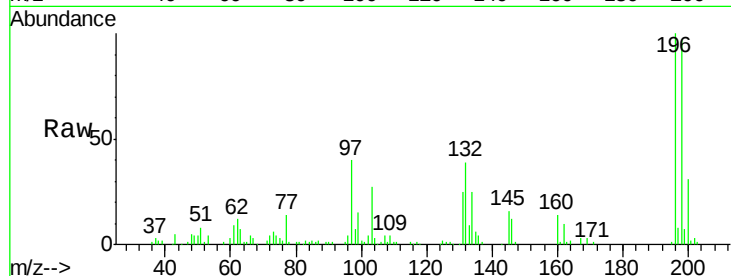




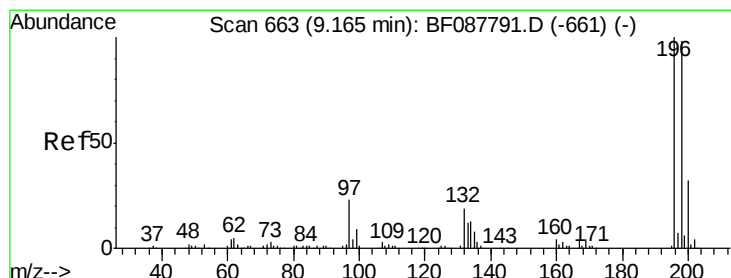
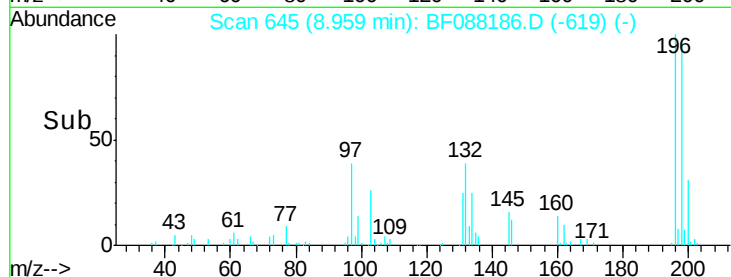
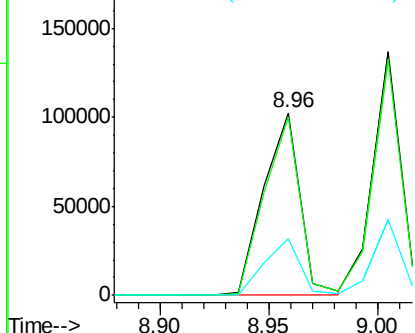
#42
 2,4,6-Trichlorophenol
 Concen: 32.72 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Instrument :
 BNA_F
 ClientSampleId :
 PB91400BS

Tgt Ion:196 Resp: 120071
 Ion Ratio Lower Upper
 196 100
 198 97.4 78.0 117.0
 200 31.1 25.4 38.2



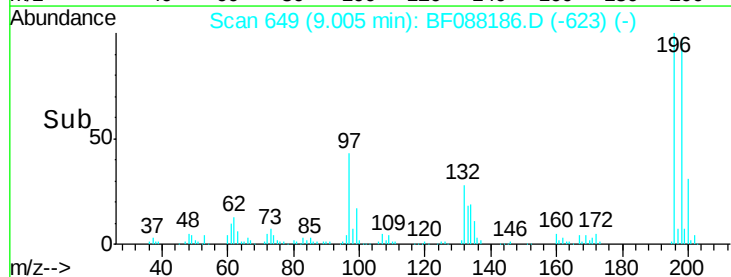
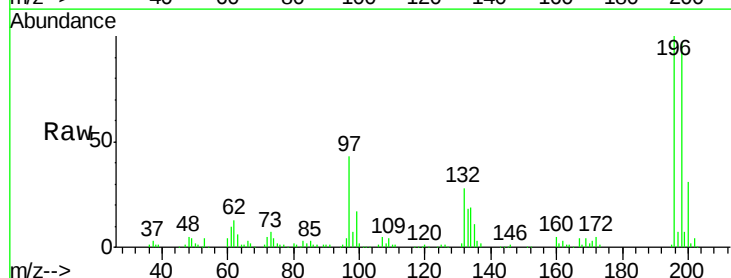
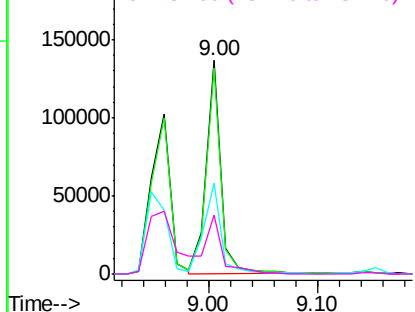
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

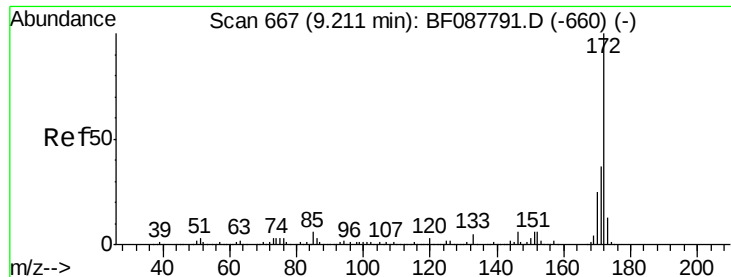


#43
 2,4,5-Trichlorophenol
 Concen: 33.97 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Tgt Ion:196 Resp: 129677
 Ion Ratio Lower Upper
 196 100
 198 96.7 77.5 116.3
 97 42.6 32.0 48.0
 132 27.9 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: 72.49 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

PB91400BS

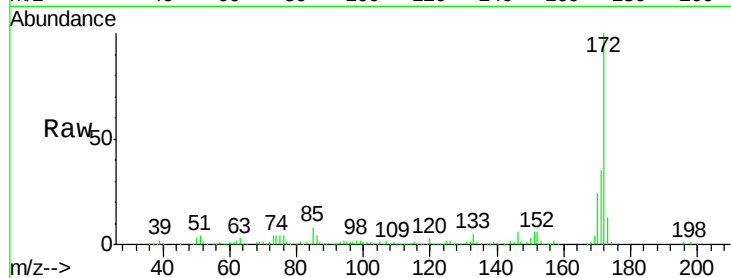
Tgt Ion:172 Resp: 856192

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

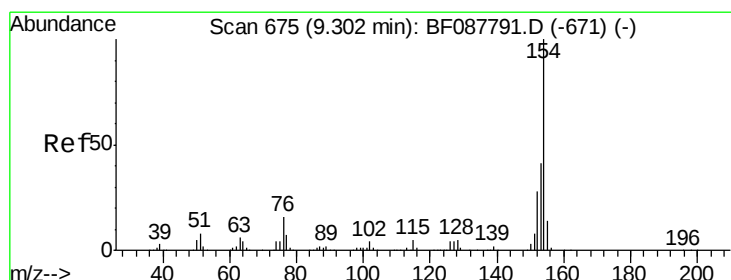
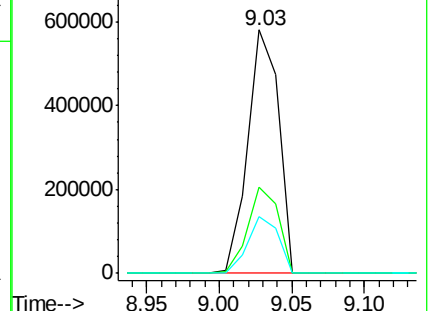
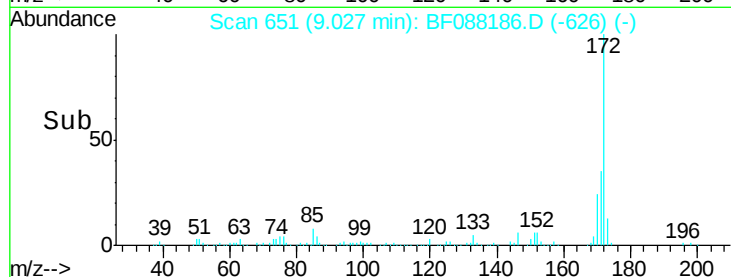
170 23.5 19.2 28.8



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: 38.91 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

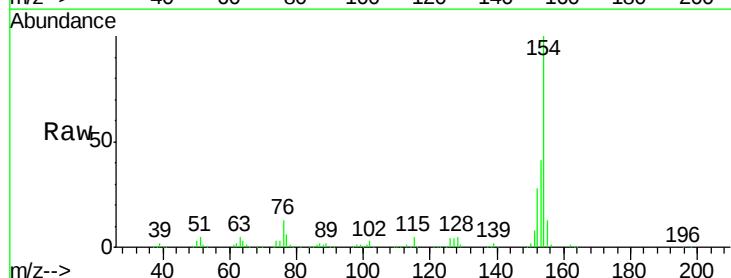
Tgt Ion:154 Resp: 547392

Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

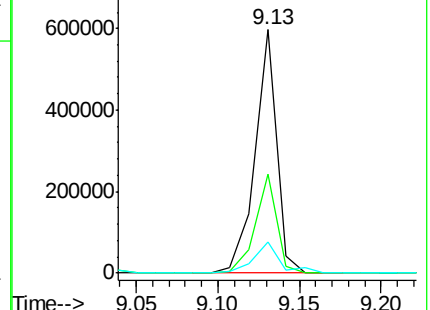
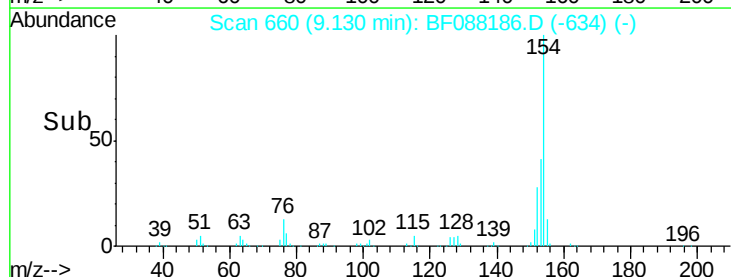
76 12.8 0.0 35.1

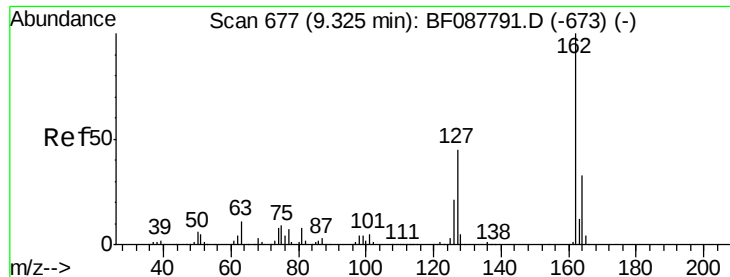


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

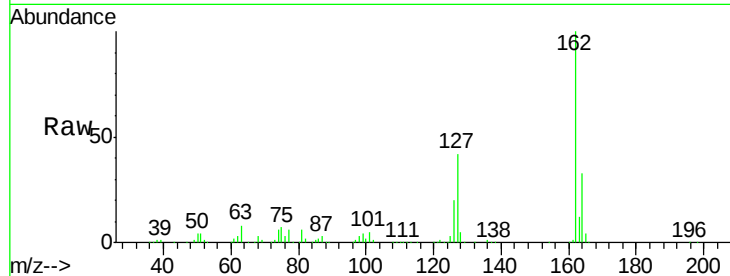




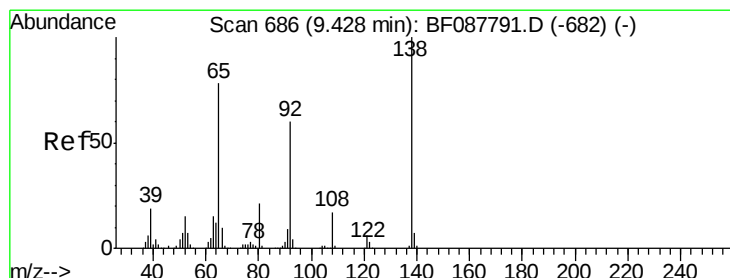
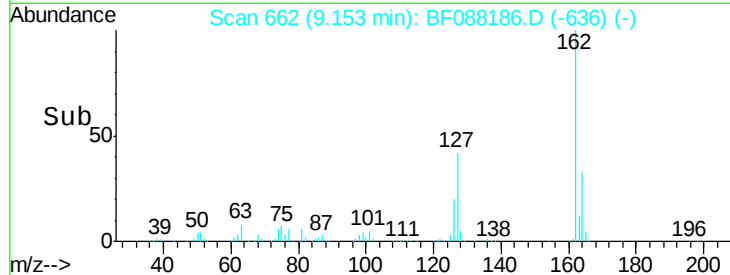
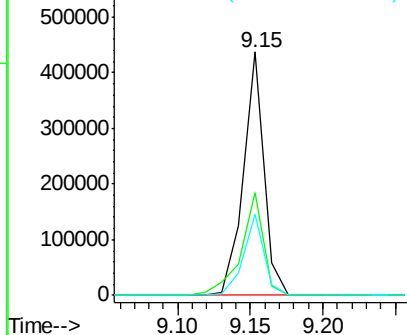
#46
 2-Chloronaphthalene
 Concen: 36.39 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Instrument :
 BNA_F
 ClientSampleId :
 PB91400BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.0	35.2	52.8
164	33.0	26.6	39.8

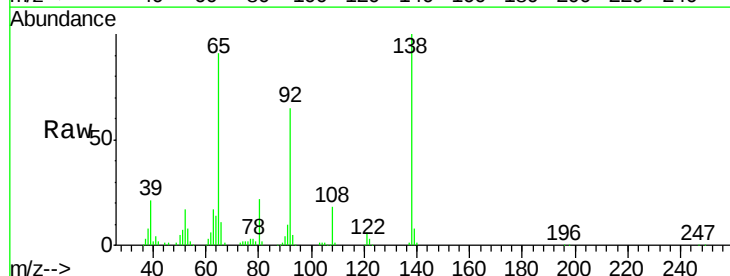


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

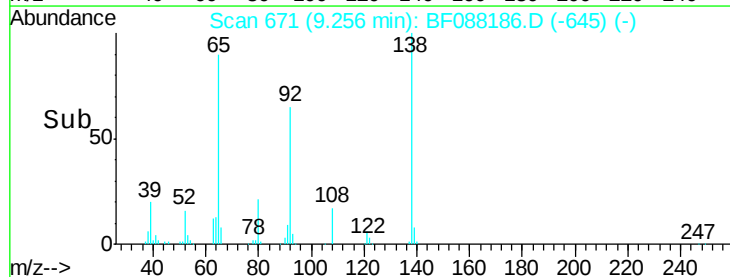
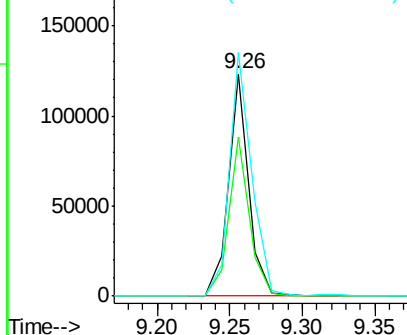


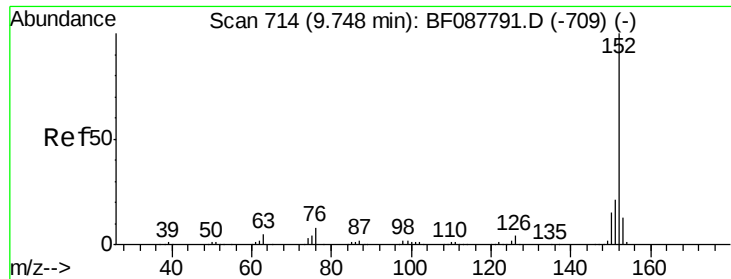
#47
 2-Nitroaniline
 Concen: 33.83 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	54.6	82.0
138	109.5	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

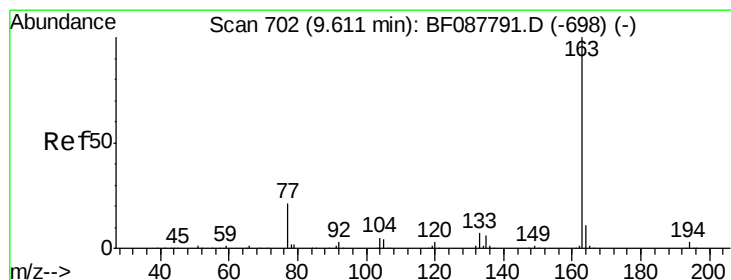
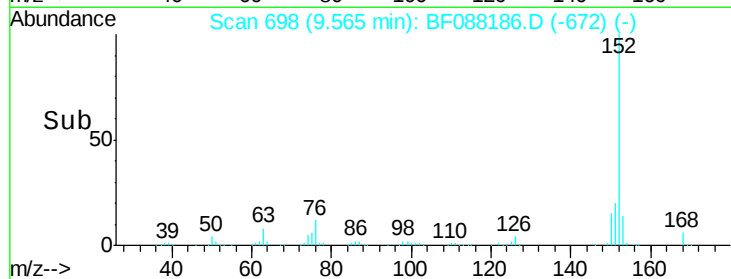
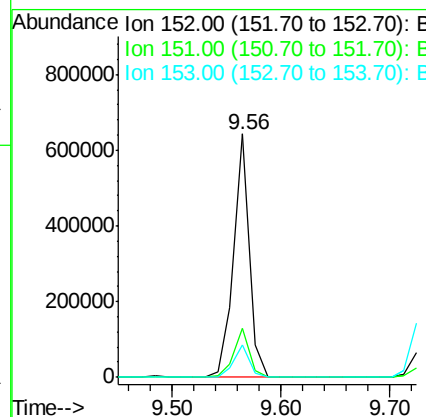
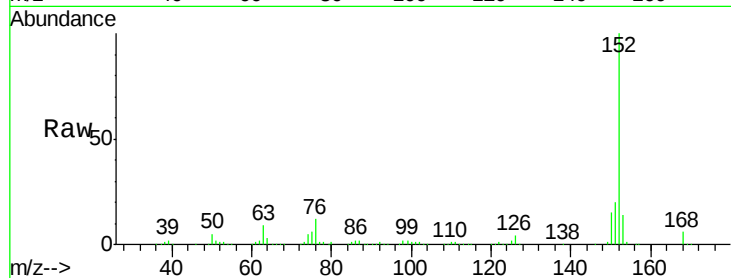




#48
Acenaphthylene
Concen: 33.83 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

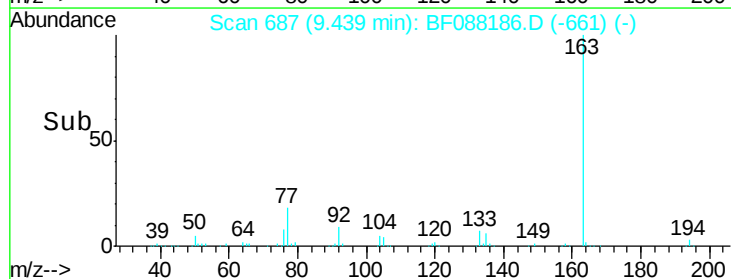
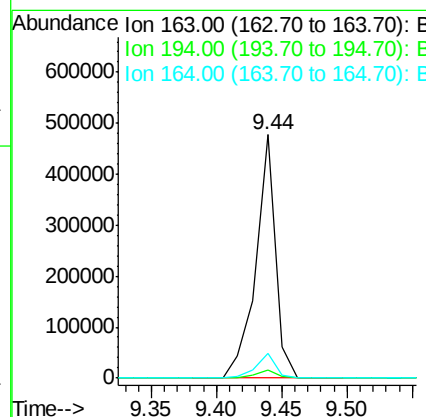
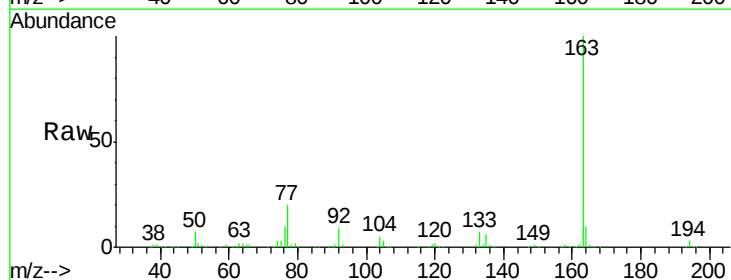
Instrument :
BNA_F
ClientSampleId :
PB91400BS

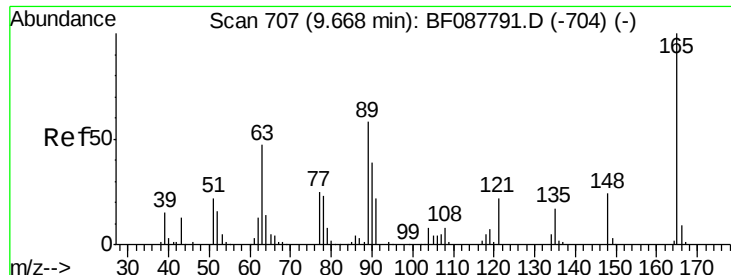
Tgt Ion:	152	Resp:	638886
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.5	11.0	16.6



#49
Dimethylphthalate
Concen: 38.09 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion:	163	Resp:	506277
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.4	8.3	12.5

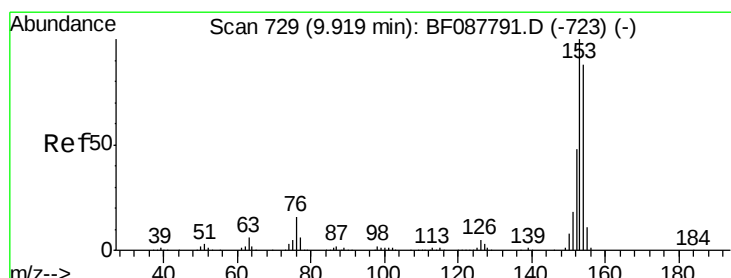
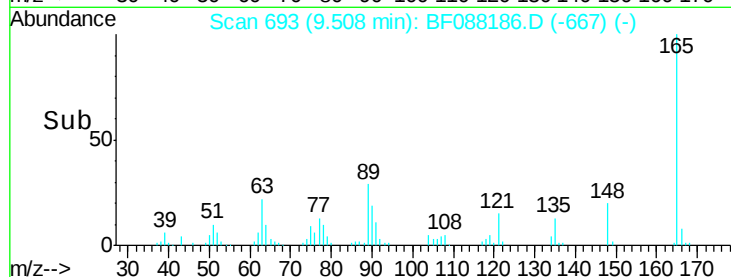
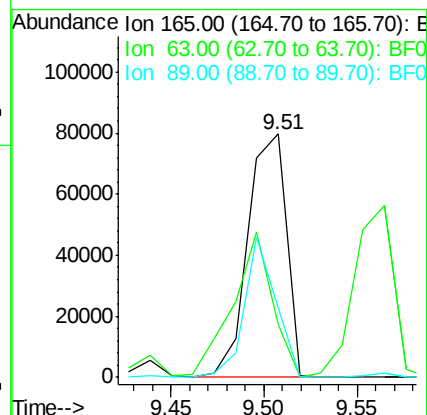
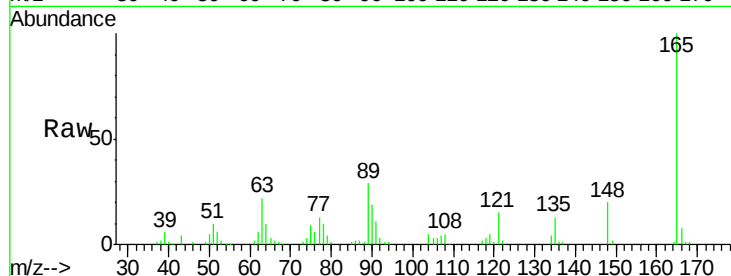




#50
 2,6-Dinitrotoluene
 Concen: 37.43 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

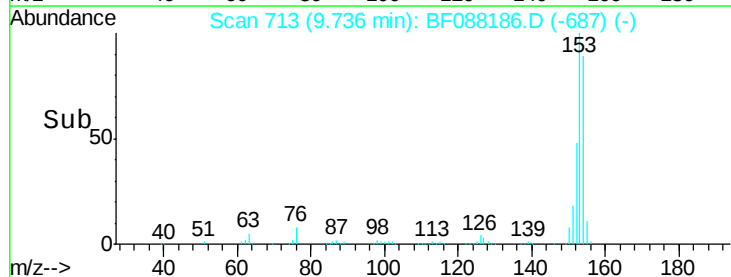
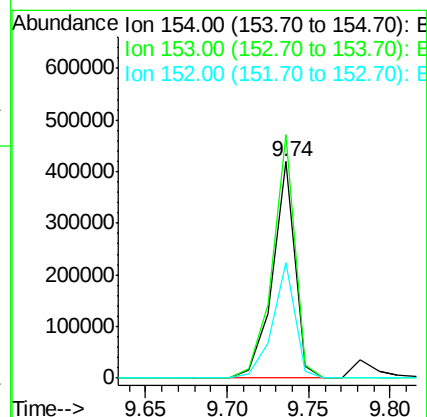
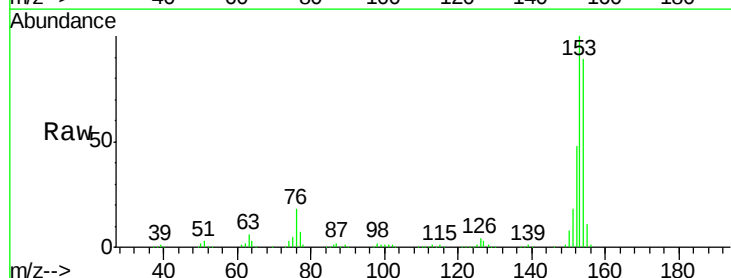
Instrument :
 BNA_F
 ClientSampleId :
 PB91400BS

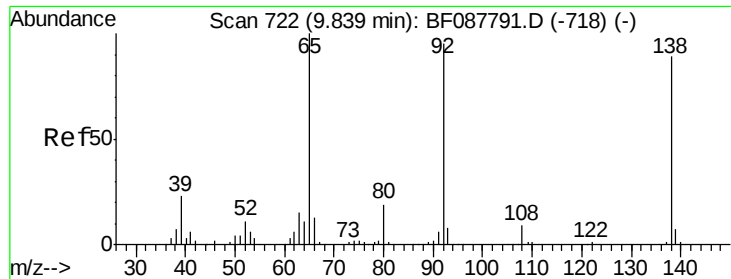
Tgt Ion:165 Resp: 113938
 Ion Ratio Lower Upper
 165 100
 63 21.7 28.1 42.1#
 89 28.8 32.2 48.2#



#51
 Acenaphthene
 Concen: 33.93 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Tgt Ion:154 Resp: 399782
 Ion Ratio Lower Upper
 154 100
 153 112.5 89.5 134.3
 152 53.6 42.7 64.1

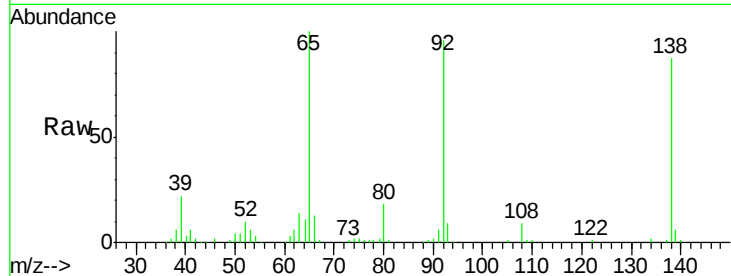




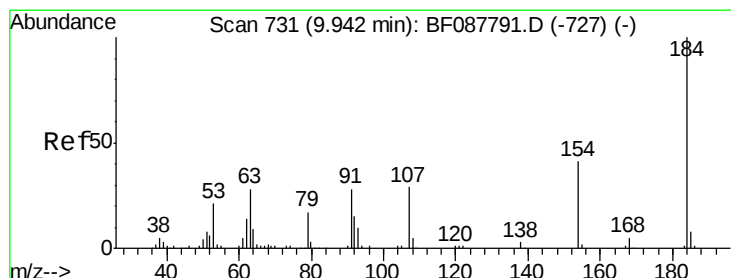
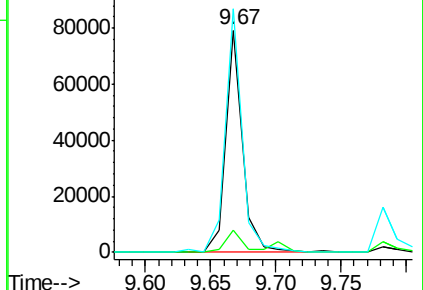
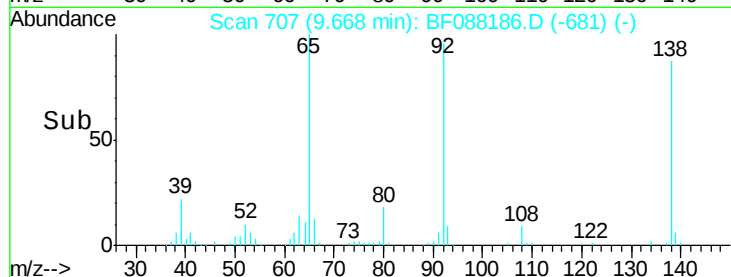
#52
 3-Nitroaniline
 Concen: 20.33 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Instrument :
 BNA_F
 ClientSampleId :
 PB91400BS

Tgt Ion:138 Resp: 71415
 Ion Ratio Lower Upper
 138 100
 108 10.0 8.5 12.7
 92 109.7 95.7 143.5

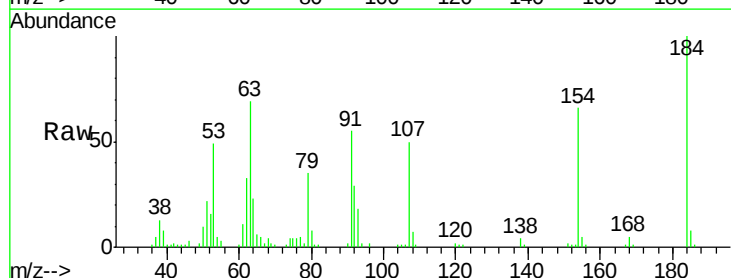


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

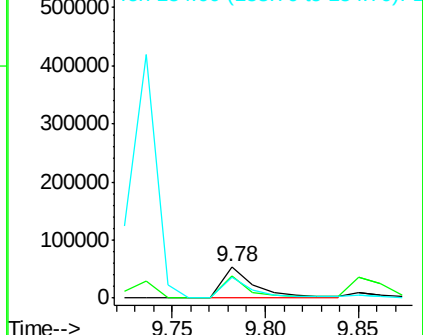
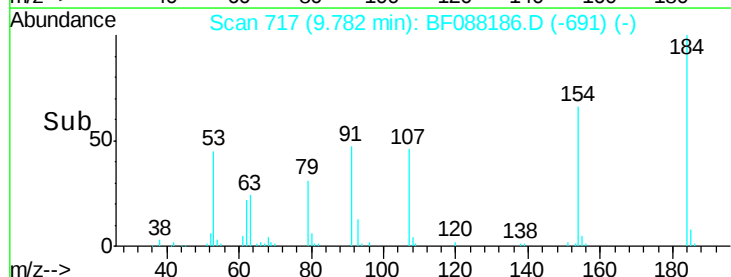


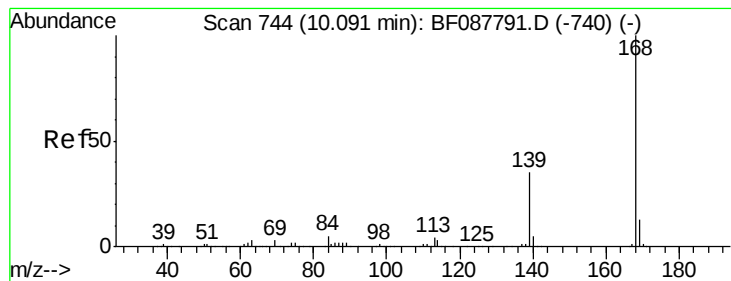
#53
 2,4-Dinitrophenol
 Concen: 46.71 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Tgt Ion:184 Resp: 68752
 Ion Ratio Lower Upper
 184 100
 63 69.4 57.6 86.4
 154 66.3 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: 33.15 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

PB91400BS

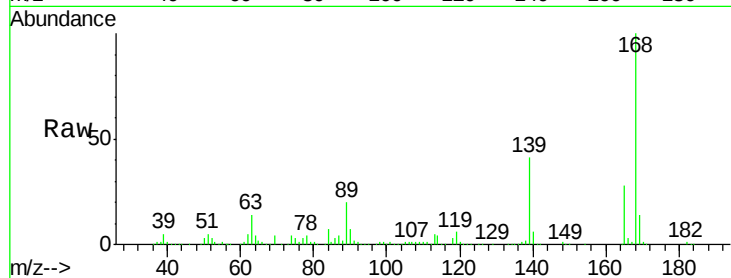
Tgt Ion:168 Resp: 537780

Ion Ratio Lower Upper

168 100

139 40.9 26.4 39.6#

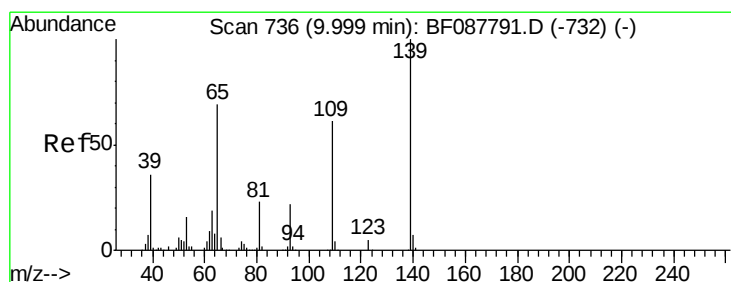
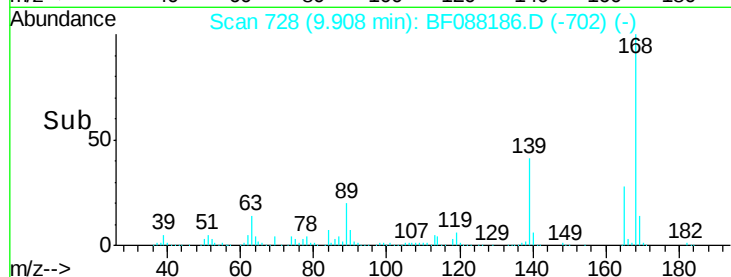
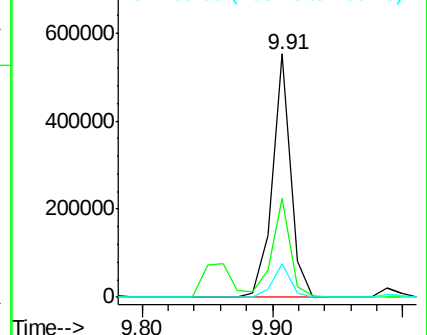
169 13.6 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 45.31 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

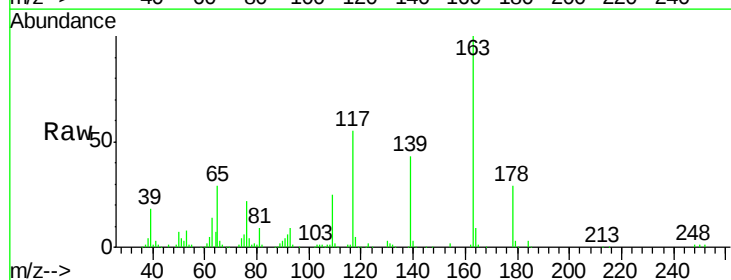
Tgt Ion:139 Resp: 123518

Ion Ratio Lower Upper

139 100

109 57.4 48.9 88.9

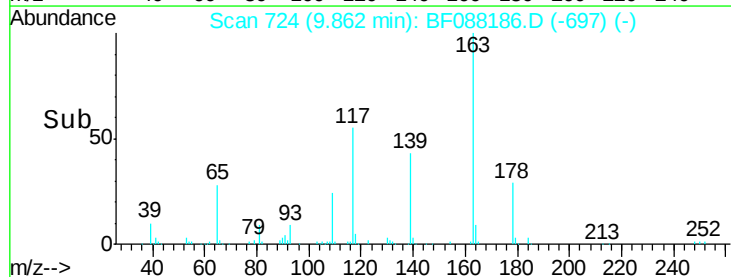
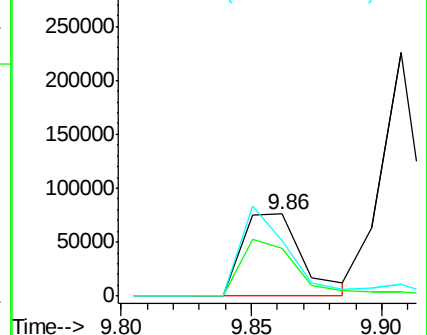
65 67.8 84.9 124.9#

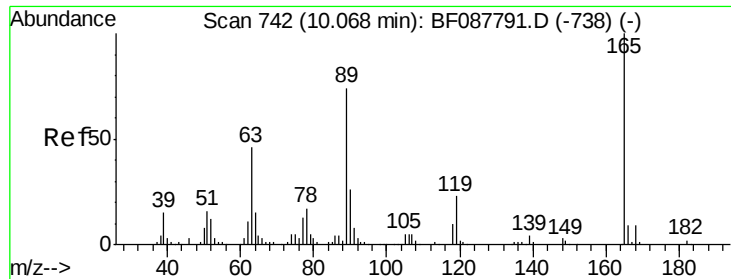


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

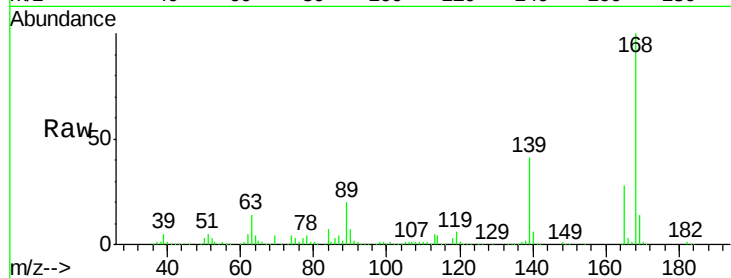




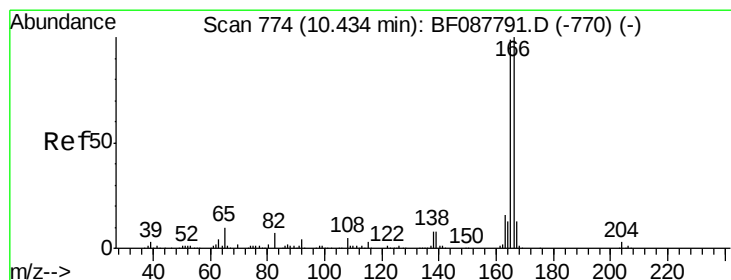
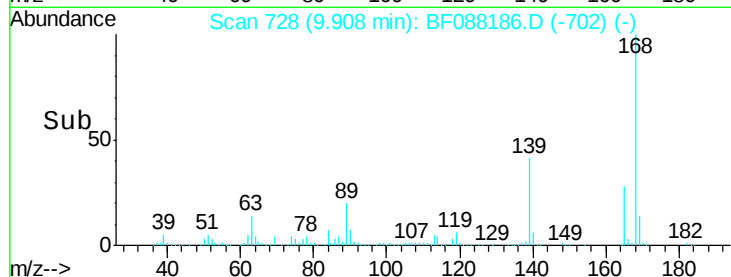
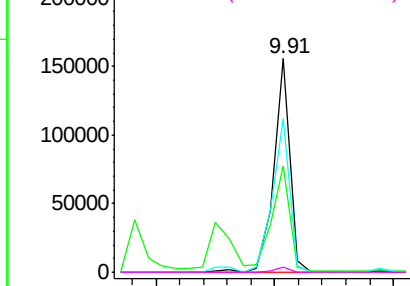
#56
2,4-Dinitrotoluene
Concen: 37.71 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

Tgt Ion:165 Resp: 147526
Ion Ratio Lower Upper
165 100
63 49.8 22.0 33.0#
89 71.9 41.1 61.7#
182 2.4 2.0 3.0

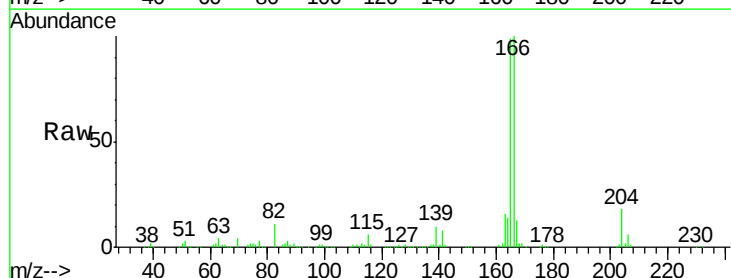


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

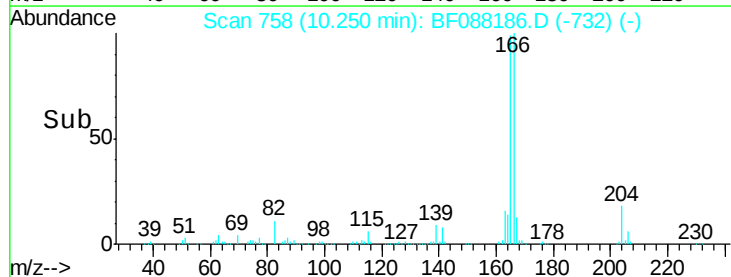
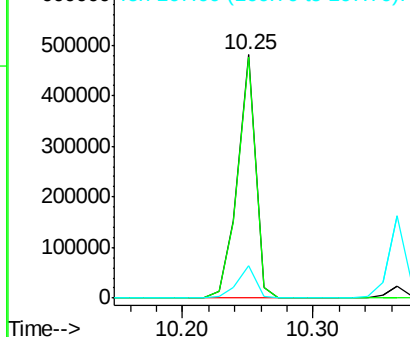


#57
Fluorene
Concen: 41.67 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion:166 Resp: 460805
Ion Ratio Lower Upper
166 100
165 99.1 77.8 116.8
167 13.3 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

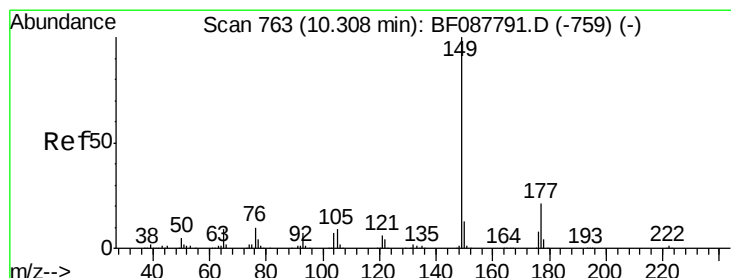
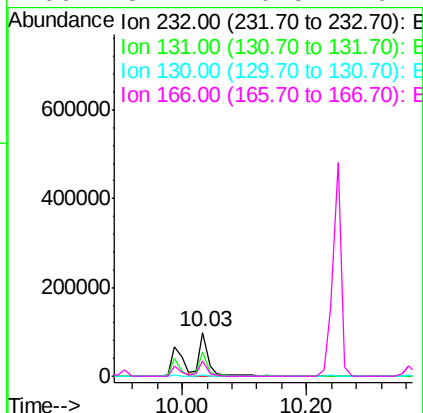
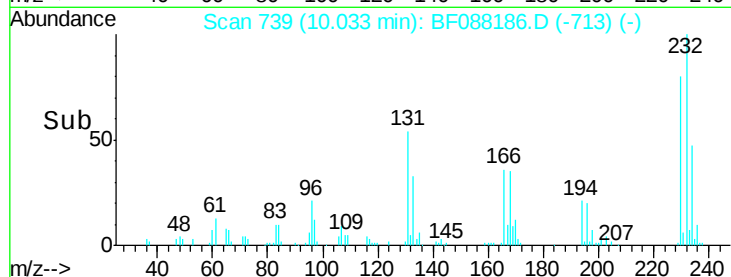
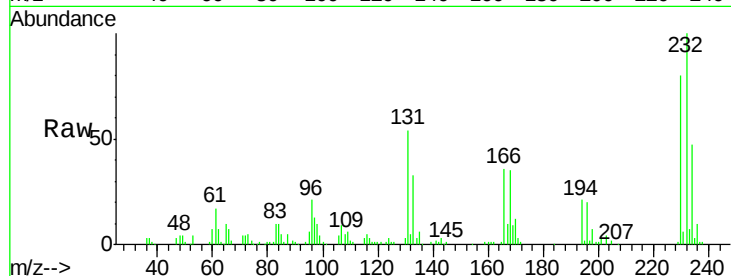




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.96 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

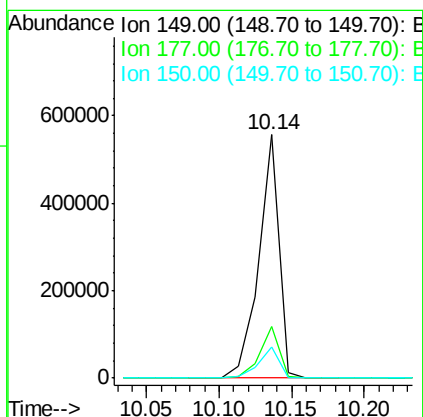
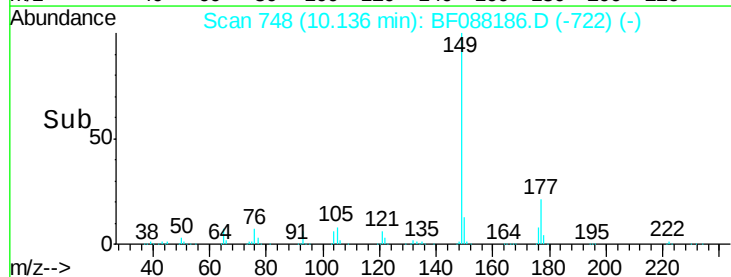
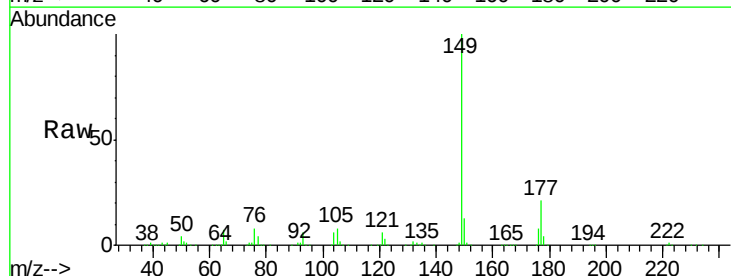
Instrument :
 BNA_F
 ClientSampleId :
 PB91400BS

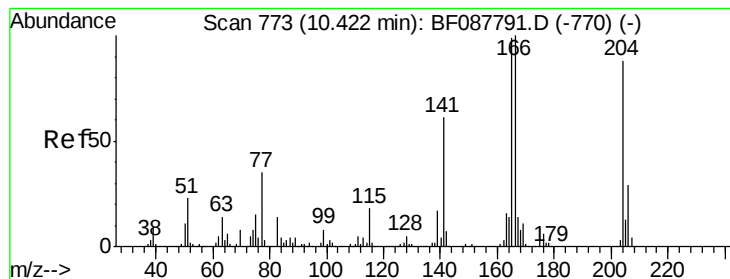
Tgt Ion:	232	Resp:	107864
Ion	Ratio	Lower	Upper
232	100		
131	49.6	0.9	1.3#
130	2.2	1.5	2.3
166	31.4	0.5	0.7#



#59
 Diethylphthalate
 Concen: 40.07 ng
 RT: 10.14 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Tgt Ion:	149	Resp:	539119
Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.9	25.3
150	12.5	10.1	15.1





#60

4-Chlorophenyl-phenylether

Concen: 34.39 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

PB91400BS

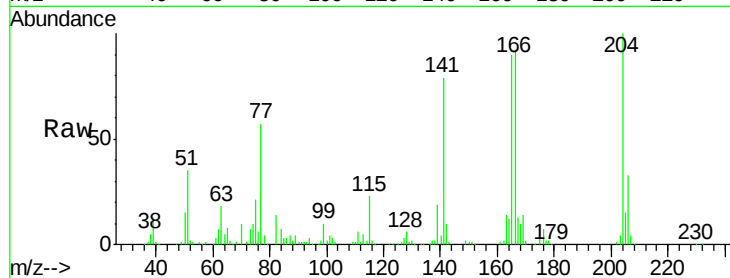
Tgt Ion:204 Resp: 185550

Ion Ratio Lower Upper

204 100

206 32.9 26.3 39.5

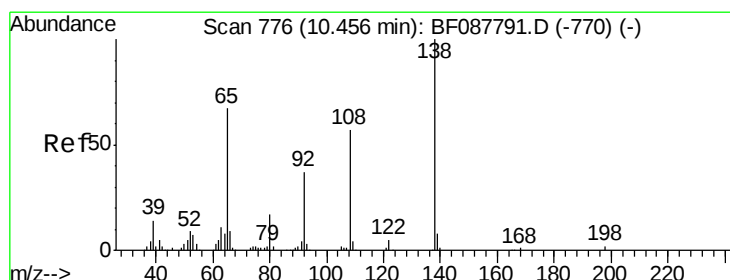
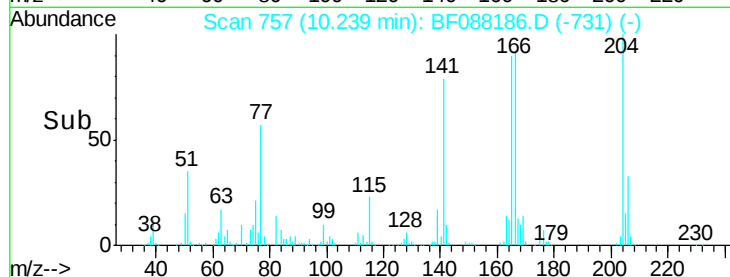
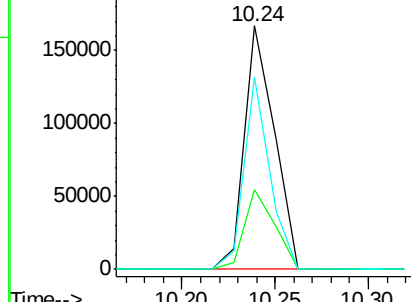
141 79.1 55.0 82.6



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 38.30 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

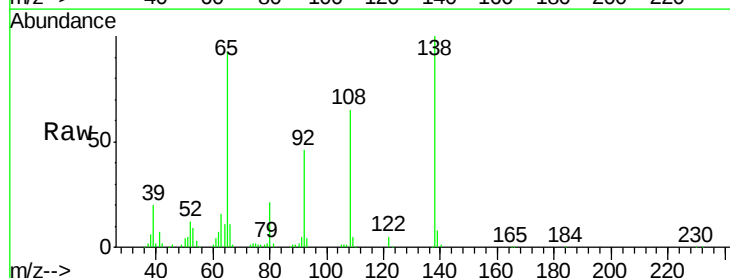
Tgt Ion:138 Resp: 127590

Ion Ratio Lower Upper

138 100

92 46.1 27.3 67.3

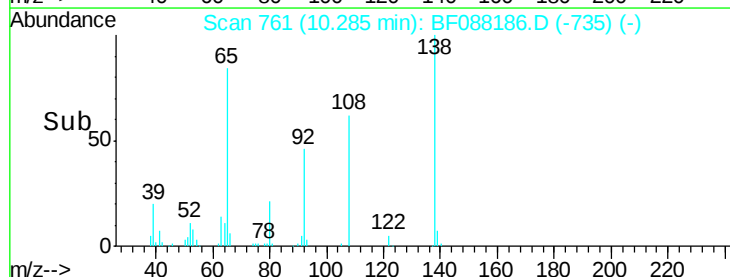
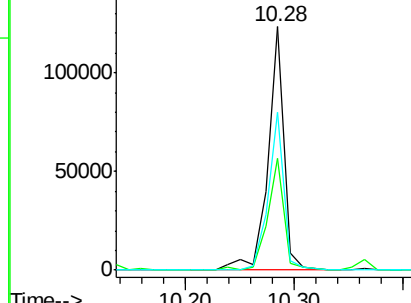
108 64.7 46.7 86.7

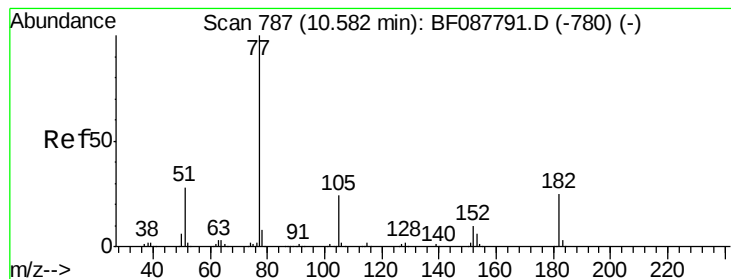


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 36.23 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

PB91400BS

Tgt Ion: 77 Resp: 481935

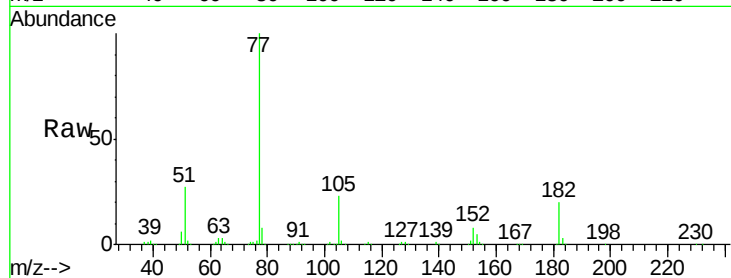
Ion Ratio Lower Upper

77 100

182 20.2 4.4 44.4

105 22.7 3.8 43.8

51 26.8 9.3 49.3

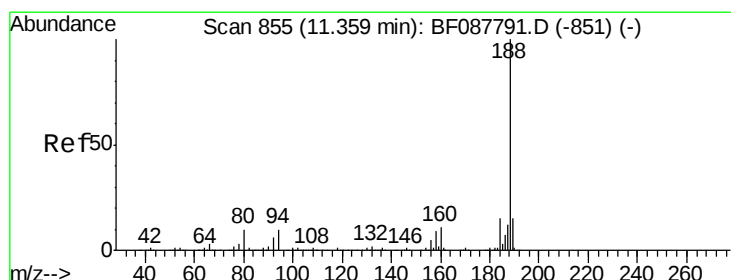
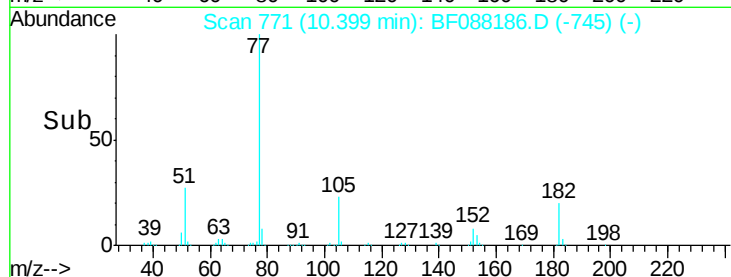
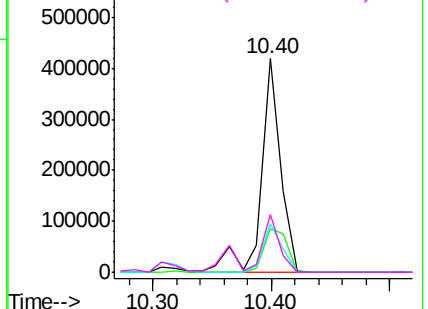


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.18 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

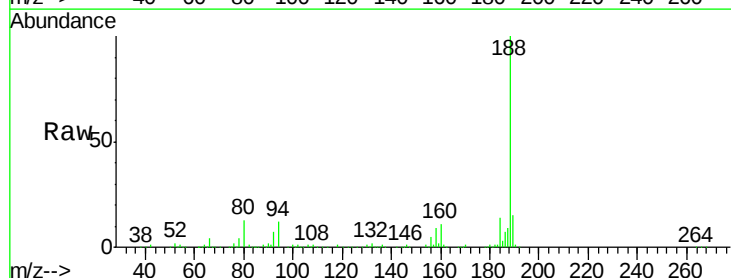
Tgt Ion: 188 Resp: 350019

Ion Ratio Lower Upper

188 100

94 12.3 9.0 13.6

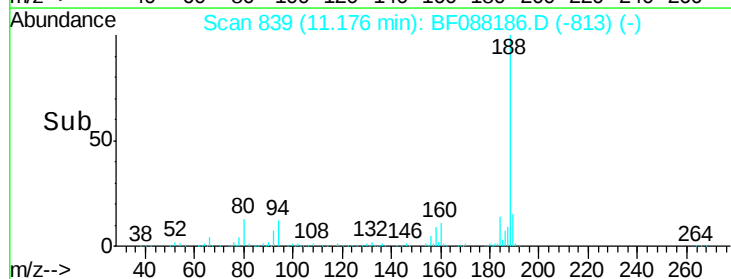
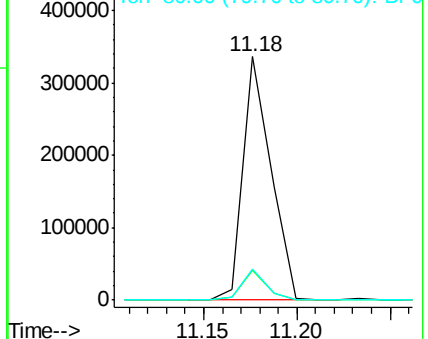
80 12.9 10.0 15.0

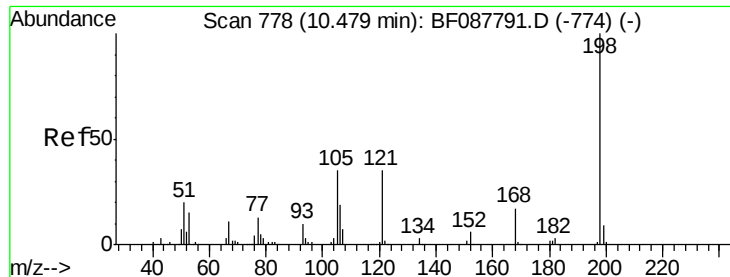


Abundance Ion 188.00 (187.70 to 188.70): E

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: 29.07 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

PB91400BS

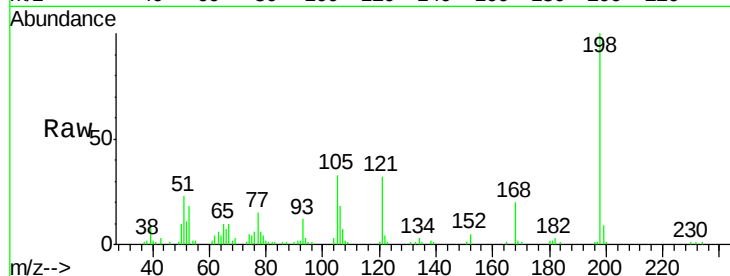
Tgt Ion:198 Resp: 61566

Ion Ratio Lower Upper

198 100

51 23.1 39.6 79.6#

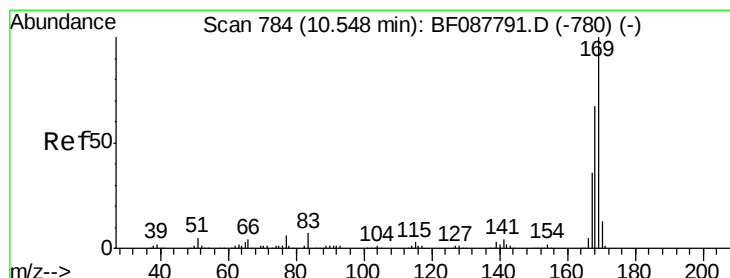
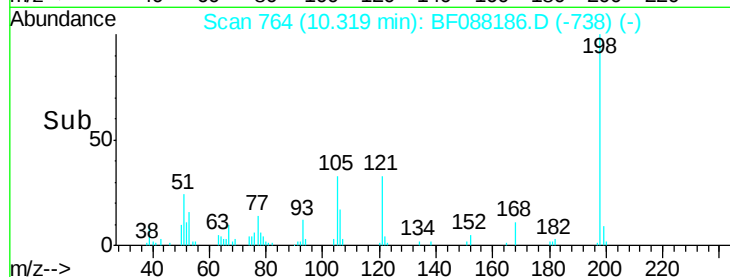
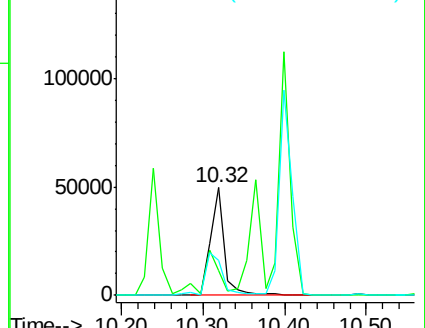
105 32.8 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 35.71 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

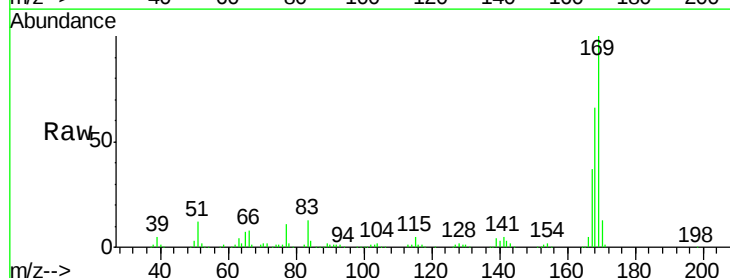
Tgt Ion:169 Resp: 414728

Ion Ratio Lower Upper

169 100

168 66.4 53.4 80.0

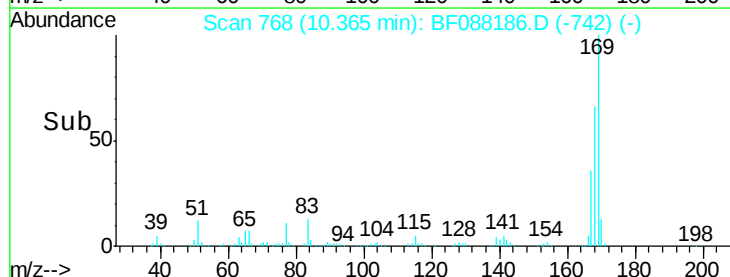
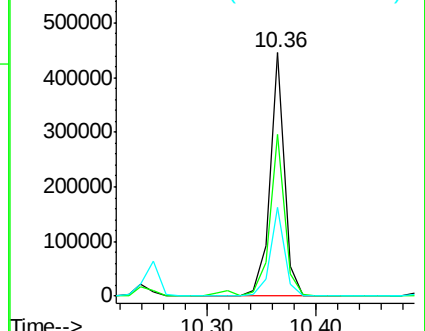
167 36.5 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

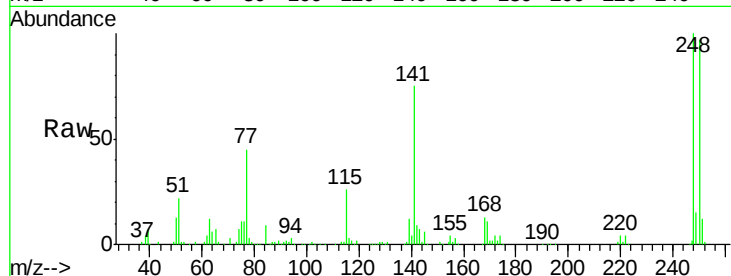




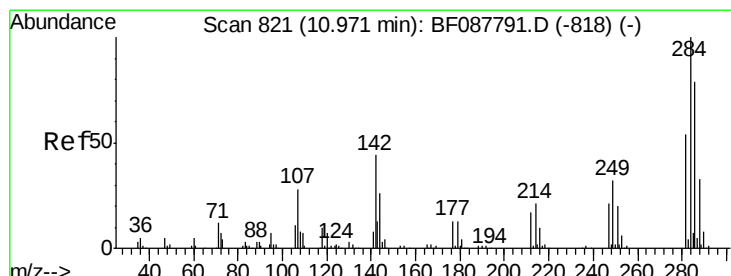
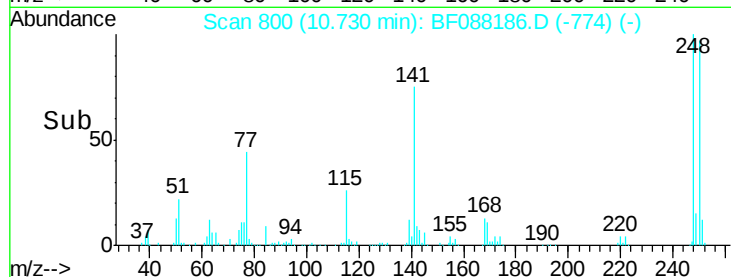
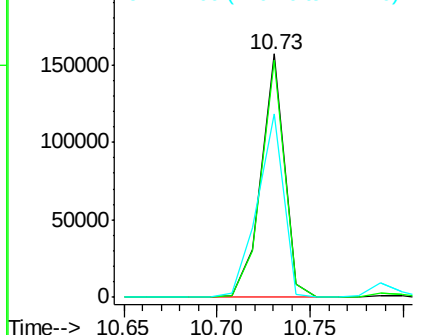
#66
 4-Bromophenyl-phenylether
 Concen: 36.18 ng
 RT: 10.73 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Instrument :
 BNA_F
 ClientSampleId :
 PB91400BS

Tgt Ion:248 Resp: 135876
 Ion Ratio Lower Upper
 248 100
 250 97.3 77.1 115.7
 141 75.1 50.6 76.0

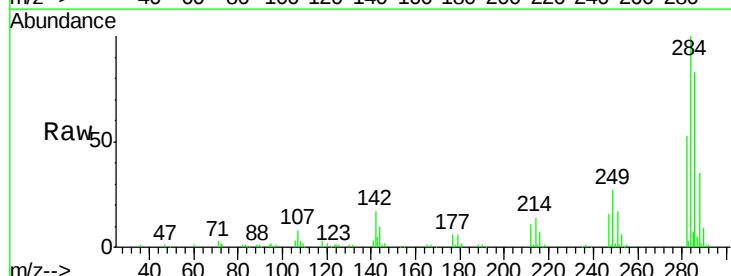


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

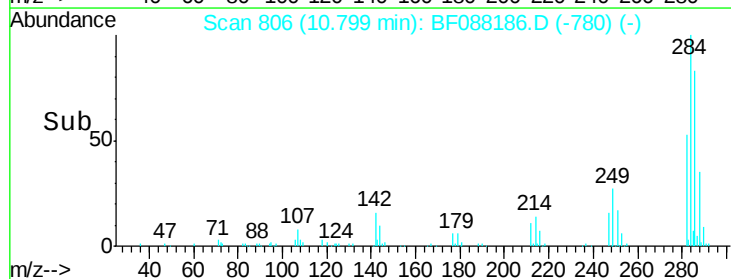
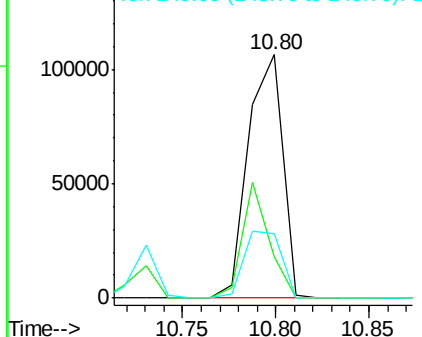


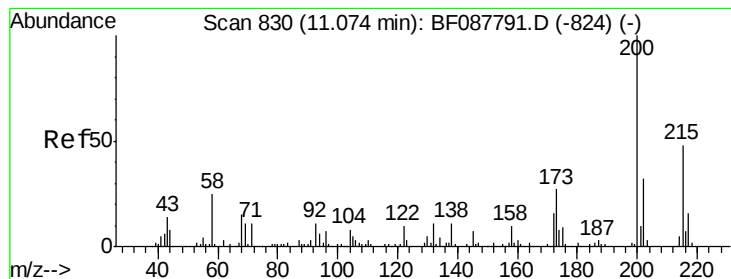
#67
 Hexachlorobenzene
 Concen: 34.80 ng
 RT: 10.80 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Tgt Ion:284 Resp: 135794
 Ion Ratio Lower Upper
 284 100
 142 17.0 35.8 53.8#
 249 26.6 25.8 38.6



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





#68

Atrazine

Concen: 38.53 ng

RT: 10.90 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampled :

PB91400BS

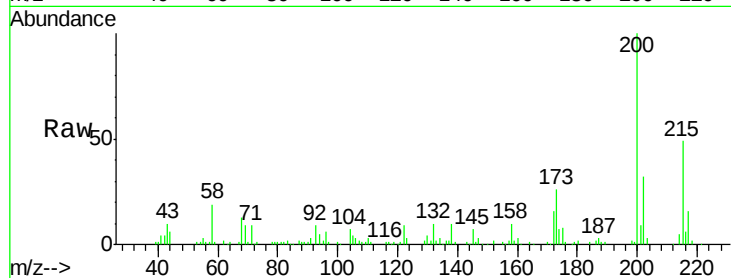
Tgt Ion:200 Resp: 135522

Ion Ratio Lower Upper

200 100

173 25.7 4.0 44.0

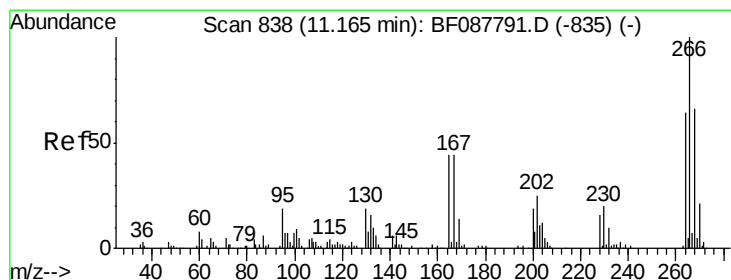
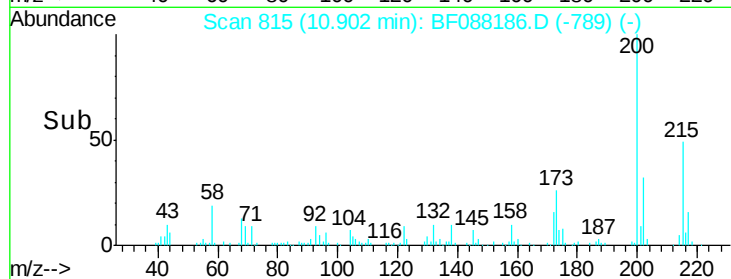
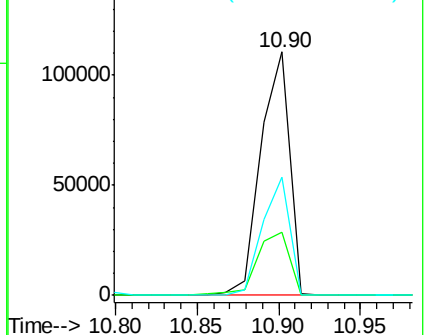
215 48.6 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 43.98 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

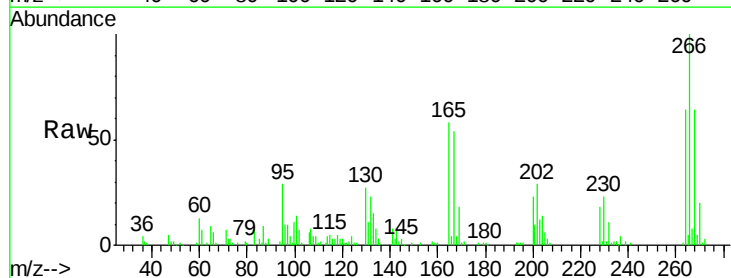
Tgt Ion:266 Resp: 90451

Ion Ratio Lower Upper

266 100

268 64.2 52.8 79.2

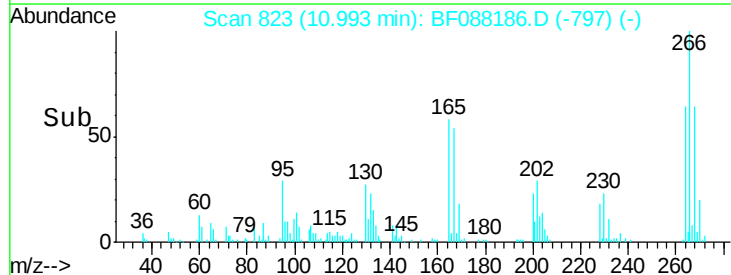
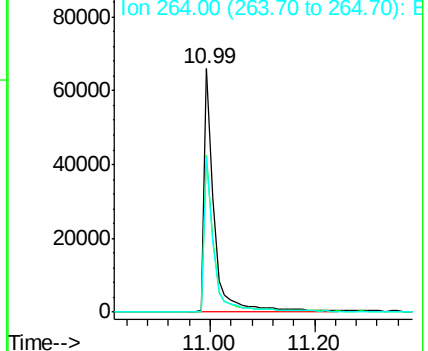
264 64.0 49.6 74.4

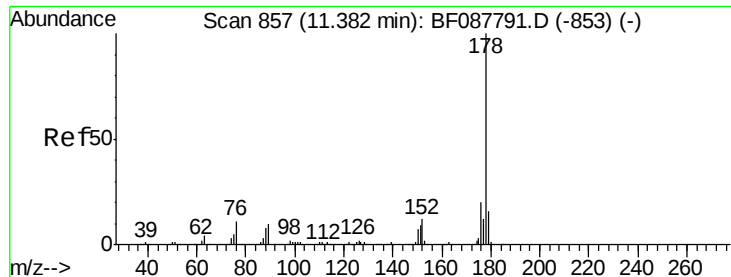


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

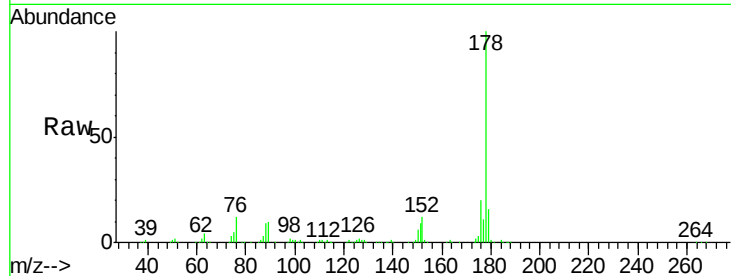




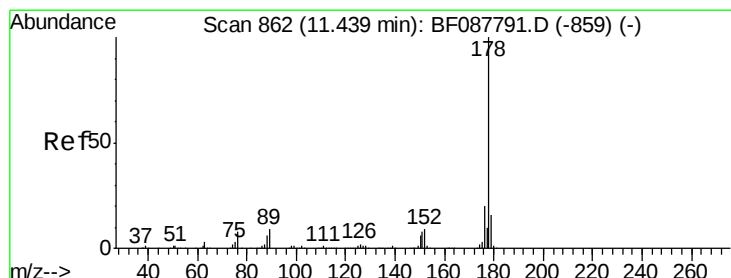
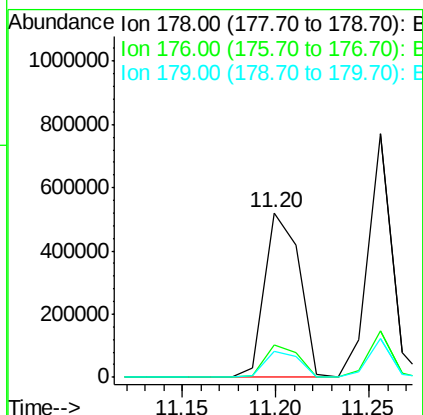
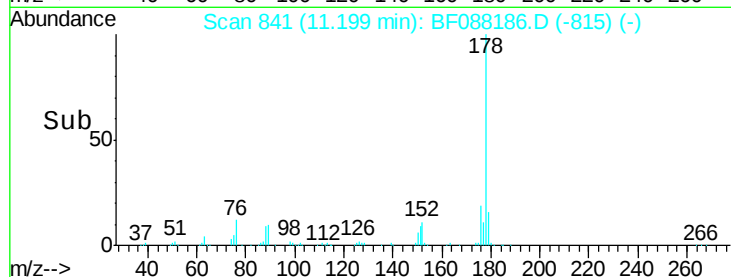
#70
Phenanthrene
Concen: 36.61 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

Tgt Ion:178 Resp: 672482
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 16.0 13.0 19.4

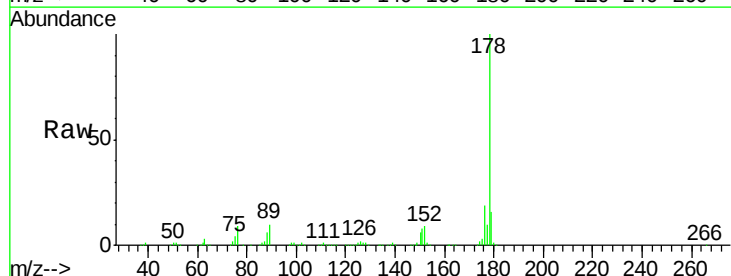


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

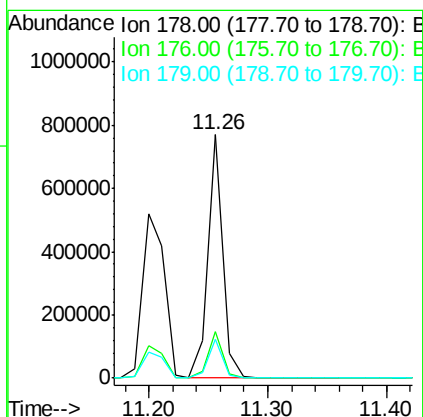
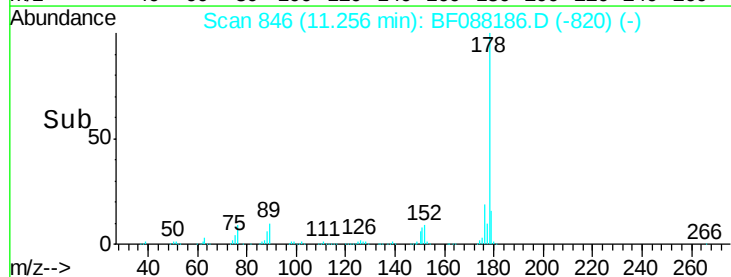


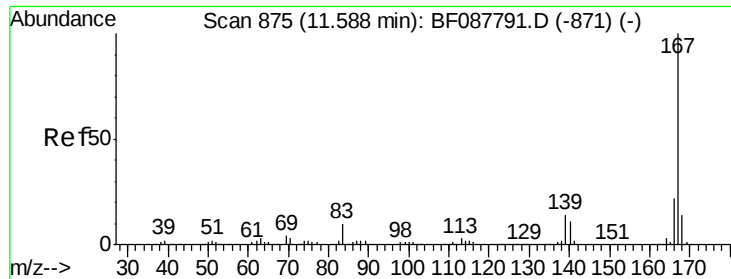
#71
Anthracene
Concen: 36.17 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion:178 Resp: 670111
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 16.1 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

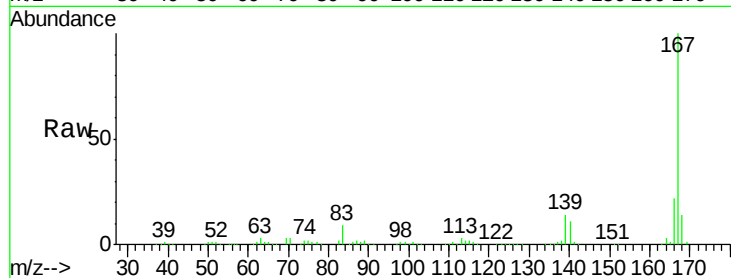




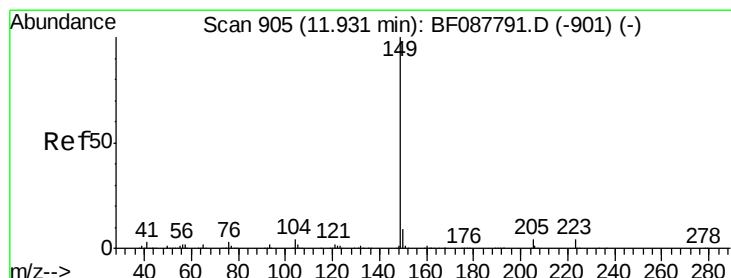
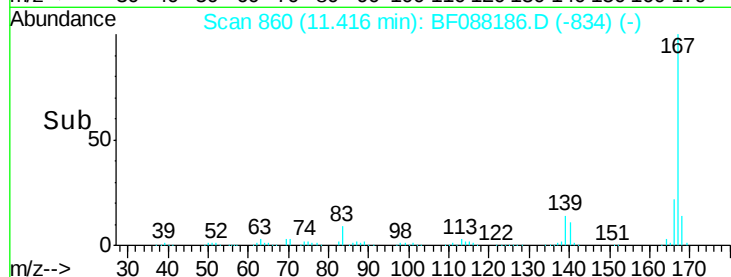
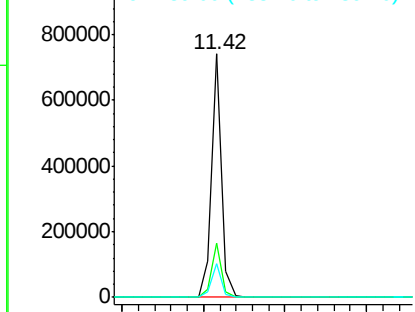
#72
 Carbazole
 Concen: 37.50 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Instrument :
 BNA_F
 ClientSampleId :
 PB91400BS

Tgt Ion:167 Resp: 650150
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 13.7 11.2 16.8

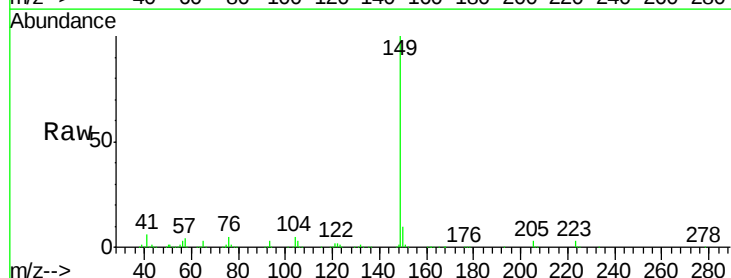


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

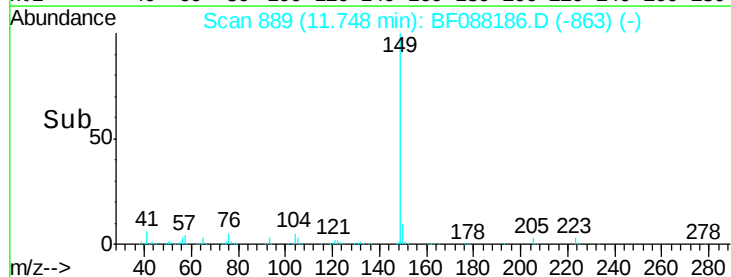
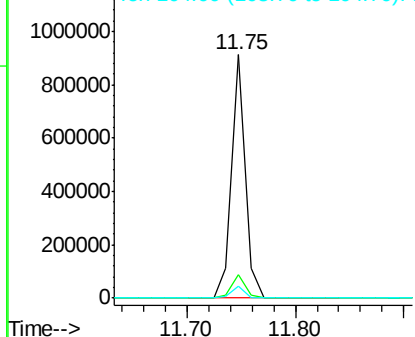


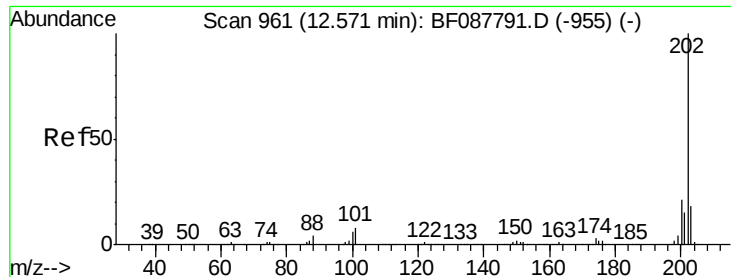
#73
 Di-n-butylphthalate
 Concen: 35.59 ng
 RT: 11.75 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Tgt Ion:149 Resp: 781071
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 37.13 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

PB91400BS

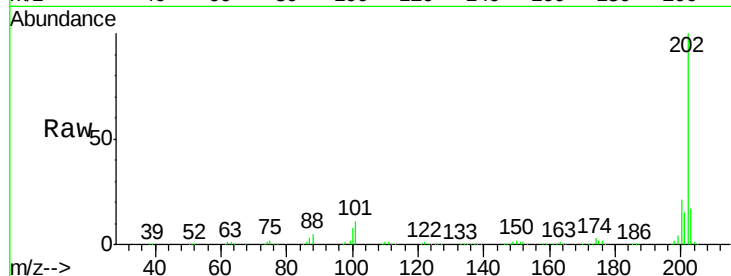
Tgt Ion:202 Resp: 719620

Ion Ratio Lower Upper

202 100

101 11.2 0.0 33.1

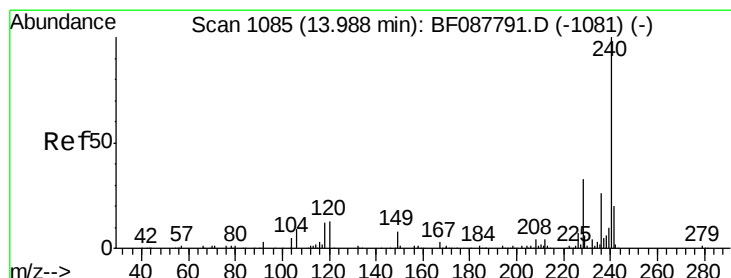
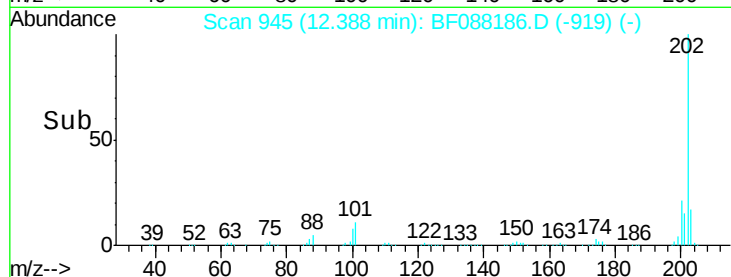
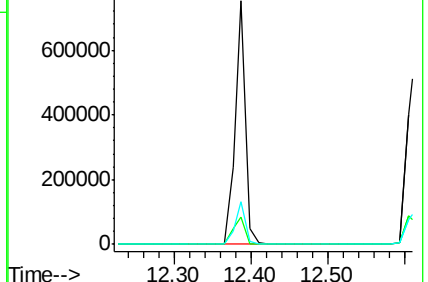
203 17.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

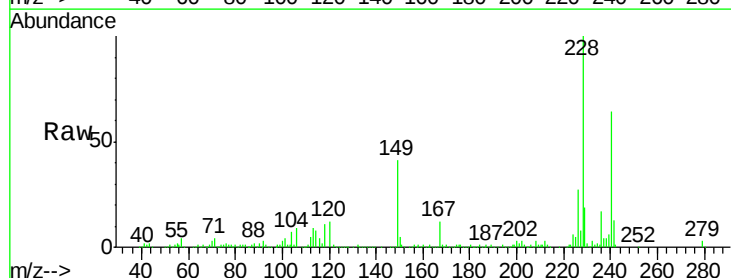
Tgt Ion:240 Resp: 263752

Ion Ratio Lower Upper

240 100

120 19.4 6.8 10.2#

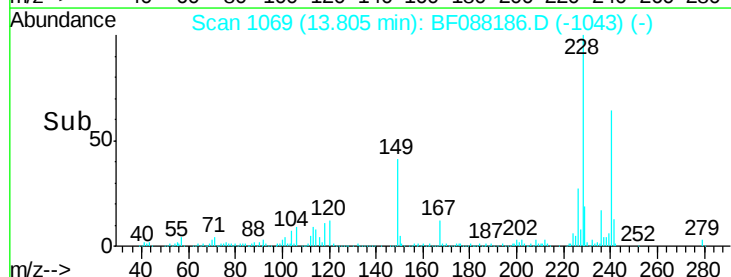
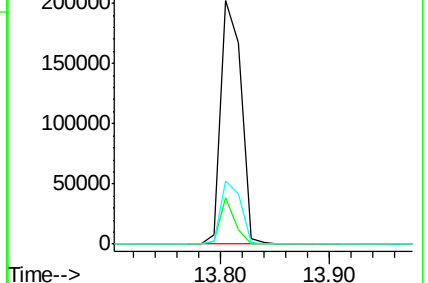
236 26.2 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

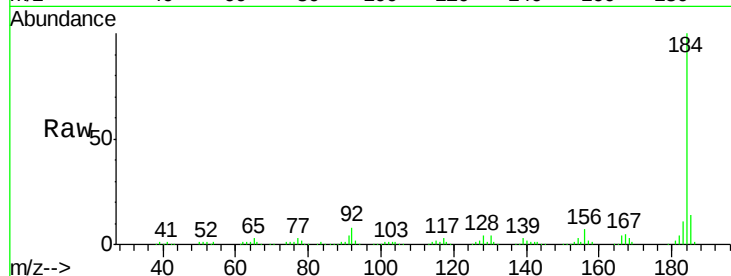




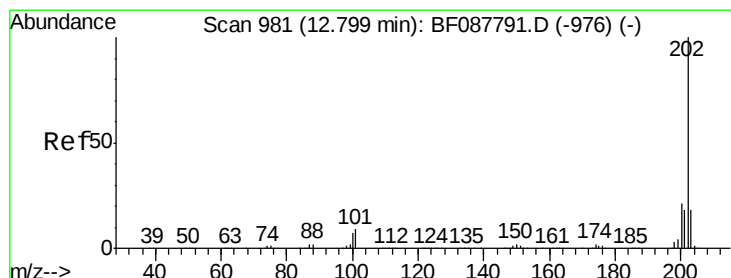
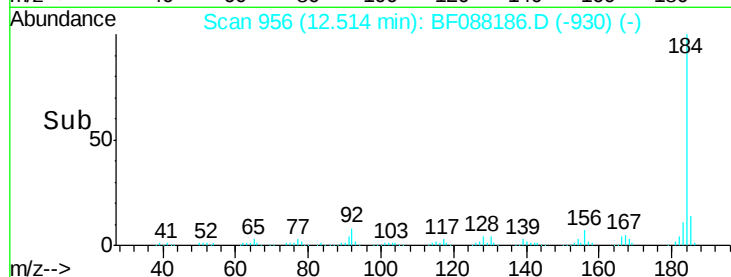
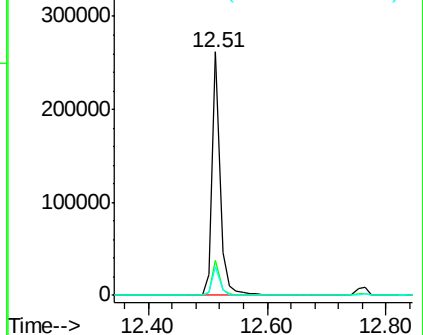
#76
Benzidine
Concen: 33.61 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PB91400BS

Tgt Ion:184 Resp: 245462
Ion Ratio Lower Upper
184 100
185 14.4 12.5 18.7
183 11.5 9.3 13.9

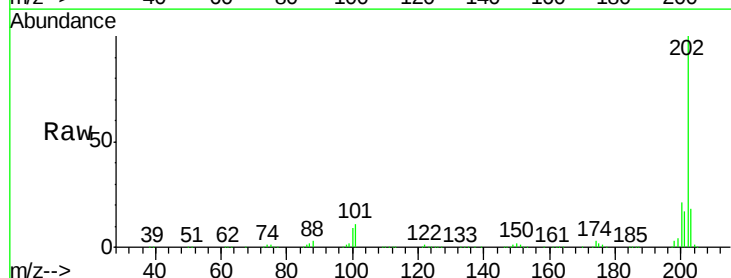


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

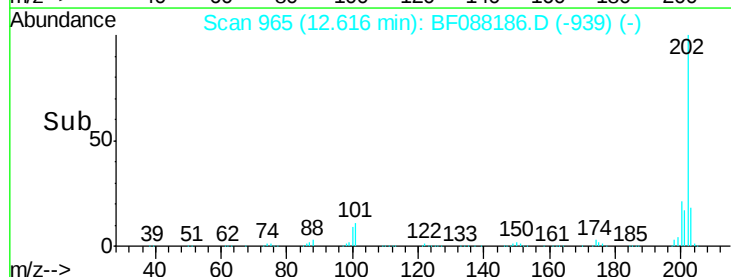
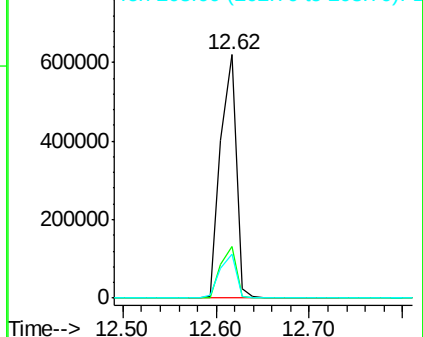


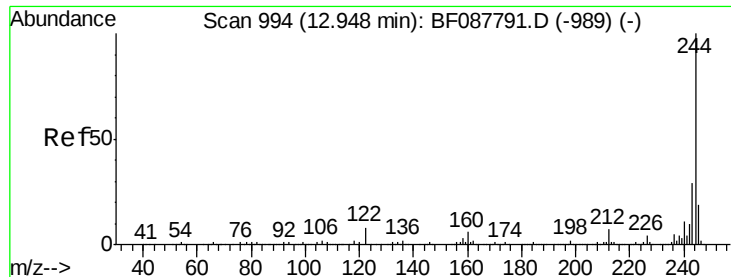
#77
Pyrene
Concen: 37.13 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion:202 Resp: 726723
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.8 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

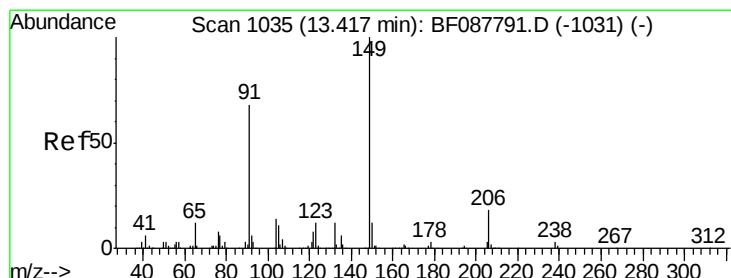
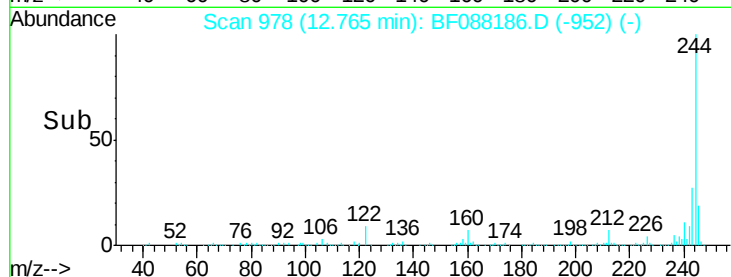
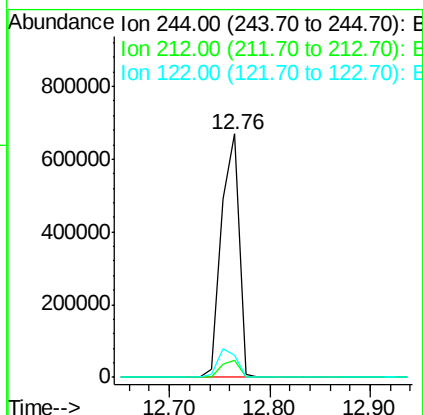
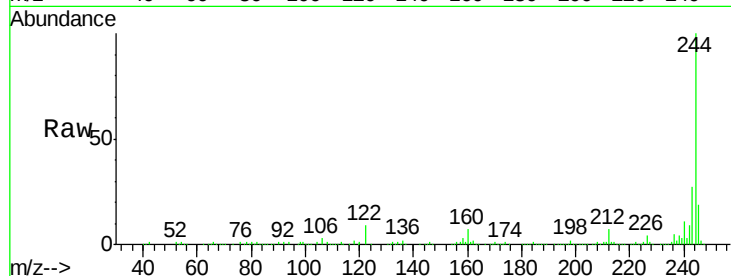




#78
 Terphenyl-d14
 Concen: 70.72 ng
 RT: 12.76 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

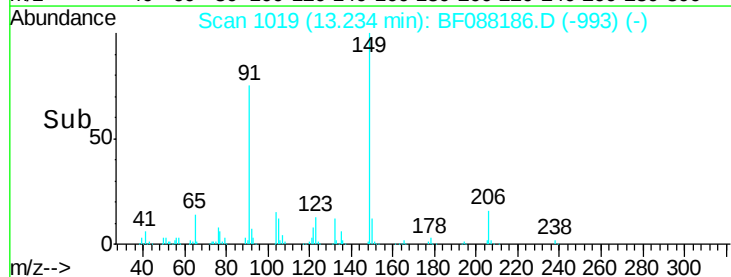
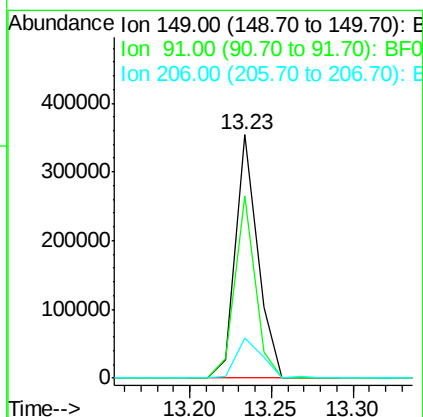
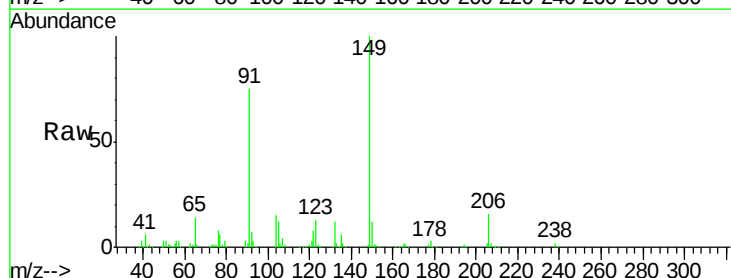
Instrument :
 BNA_F
 ClientSampleId :
 PB91400BS

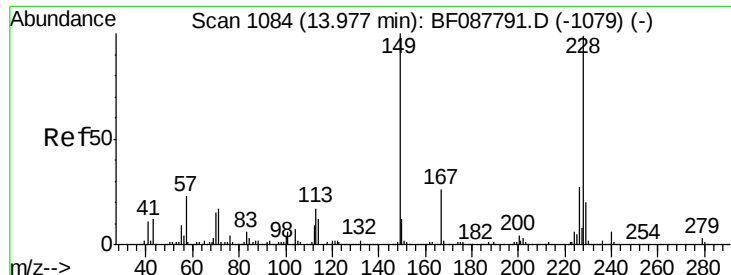
Tgt Ion:244 Resp: 819709
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.0 11.2 16.8#



#79
 Butylbenzylphthalate
 Concen: 38.41 ng
 RT: 13.23 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF088186.D
 Acq: 20 Jun 2016 22:20

Tgt Ion:149 Resp: 332374
 Ion Ratio Lower Upper
 149 100
 91 74.6 48.0 72.0#
 206 16.3 16.0 24.0





#80

Benzo(a)anthracene

Concen: 35.30 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

PB91400BS

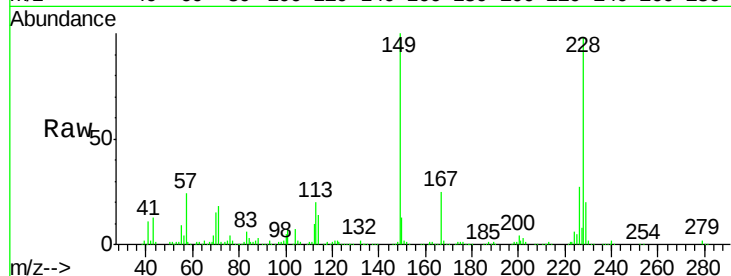
Tgt Ion:228 Resp: 530620

Ion Ratio Lower Upper

228 100

226 27.0 22.3 33.5

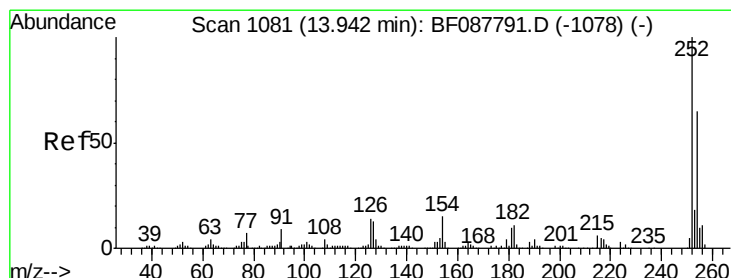
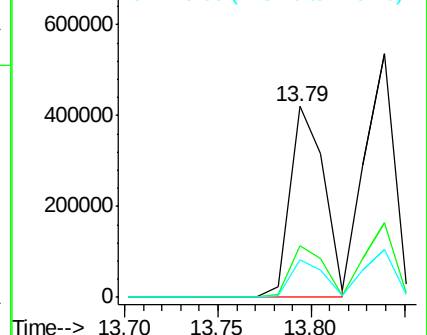
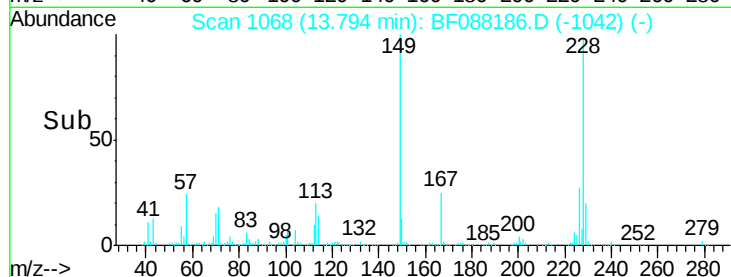
229 20.0 16.0 24.0



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: 27.77 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

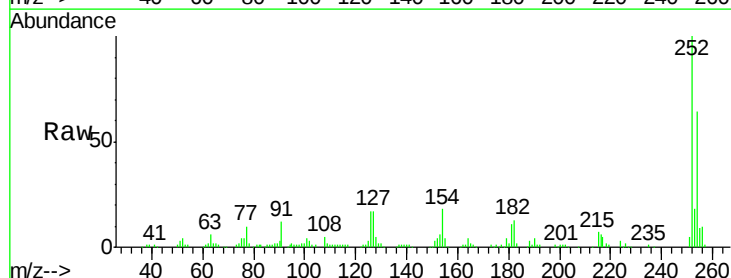
Tgt Ion:252 Resp: 112228

Ion Ratio Lower Upper

252 100

254 64.4 52.6 78.8

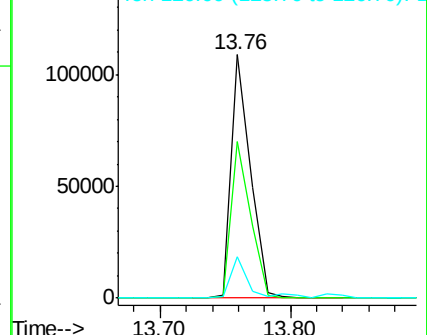
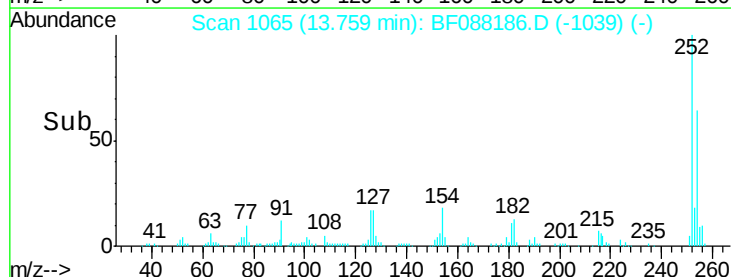
126 17.2 6.2 9.2#

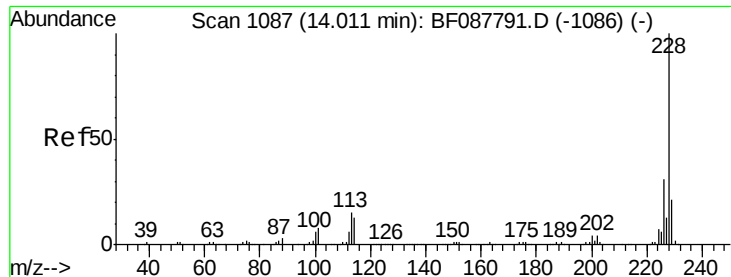


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 42.11 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

PB91400BS

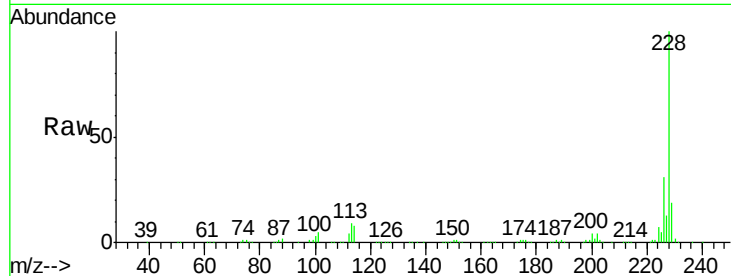
Tgt Ion:228 Resp: 595487

Ion Ratio Lower Upper

228 100

226 30.5 25.4 38.2

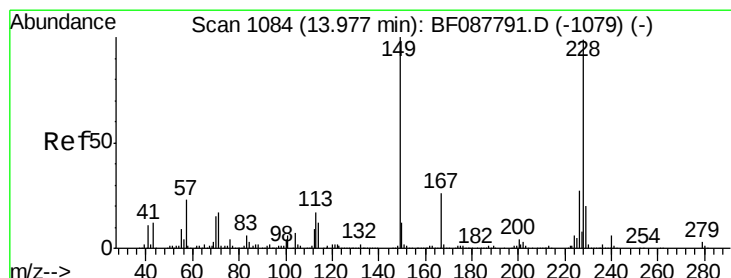
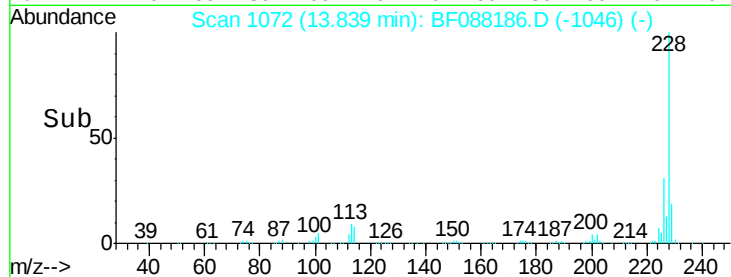
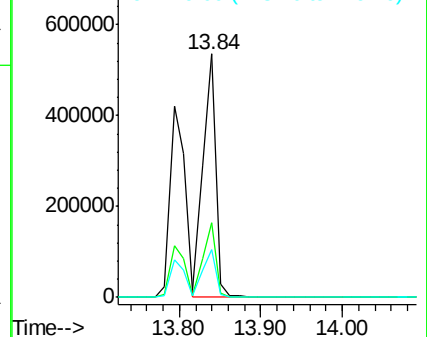
229 19.5 16.3 24.5



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: 39.16 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

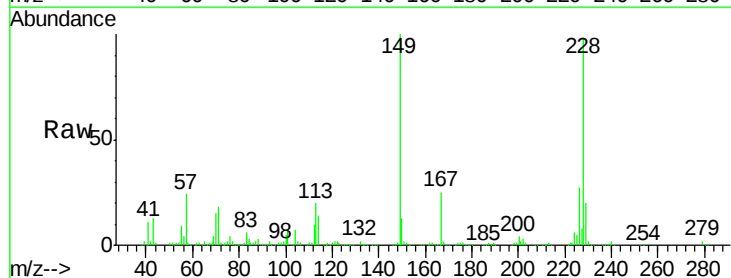
Tgt Ion:149 Resp: 412442

Ion Ratio Lower Upper

149 100

167 25.3 20.5 30.7

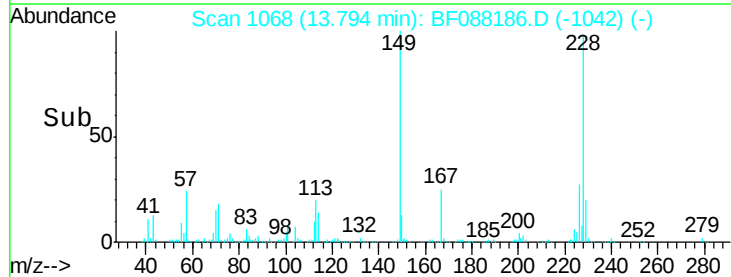
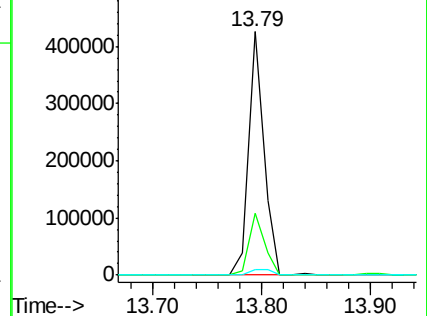
279 2.4 2.0 3.0



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: 47.26 ng

RT: 14.40 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

PB91400BS

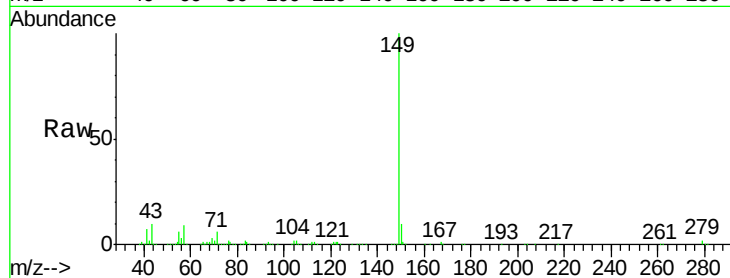
Tgt Ion:149 Resp: 808965

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

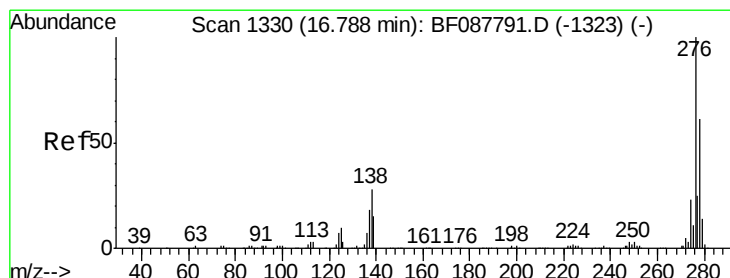
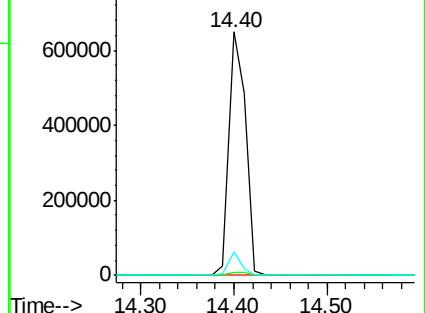
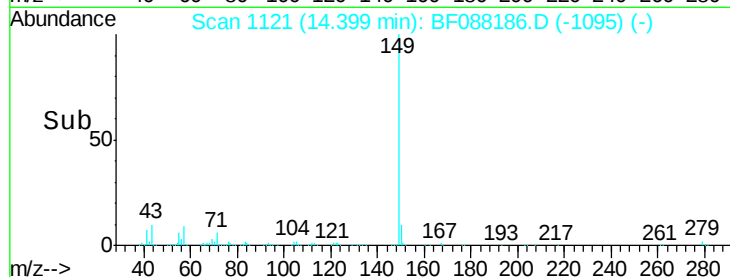
43 7.5 0.0 0.0#



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: 35.59 ng

RT: 16.47 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

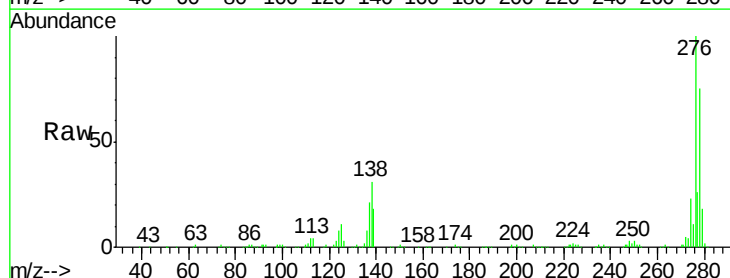
Tgt Ion:276 Resp: 467537

Ion Ratio Lower Upper

276 100

138 30.9 0.0 0.0#

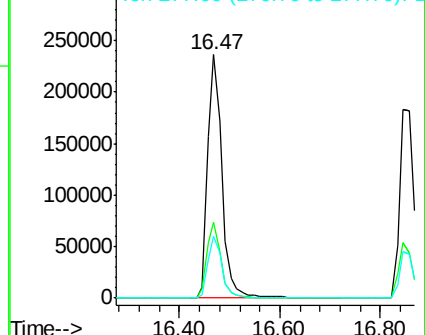
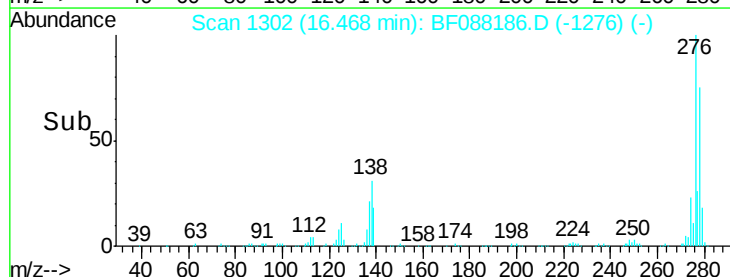
277 25.1 0.0 0.0#

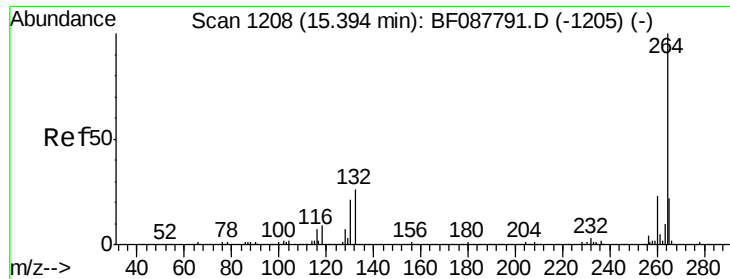


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

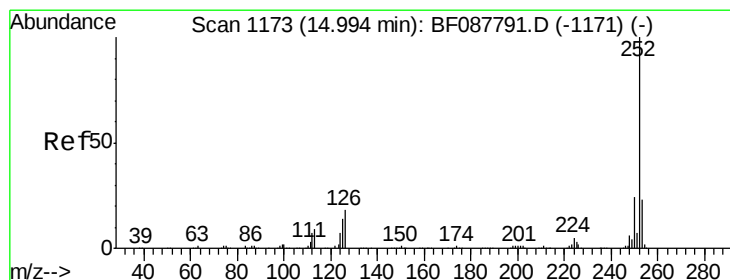
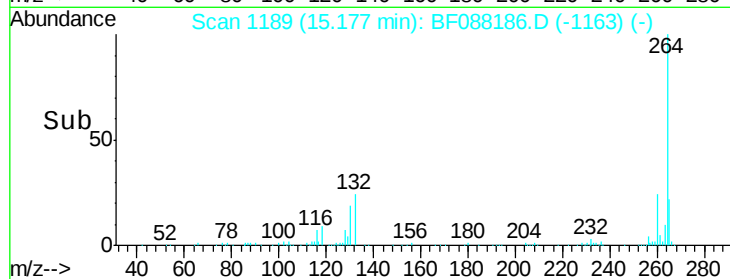
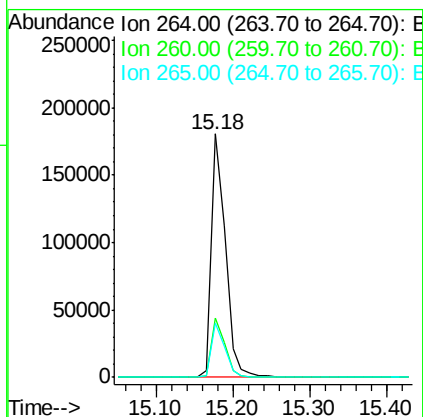
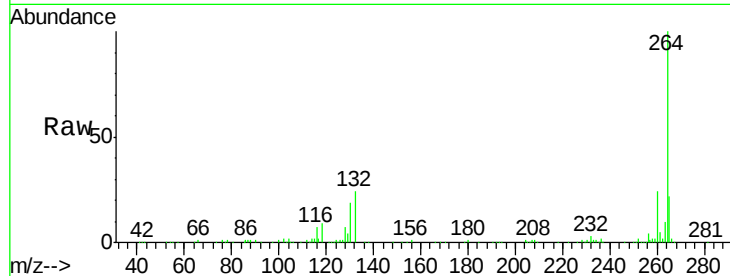




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

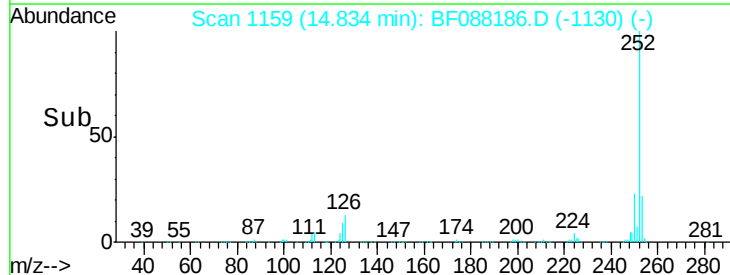
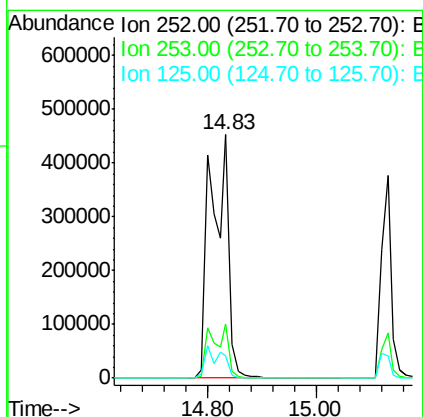
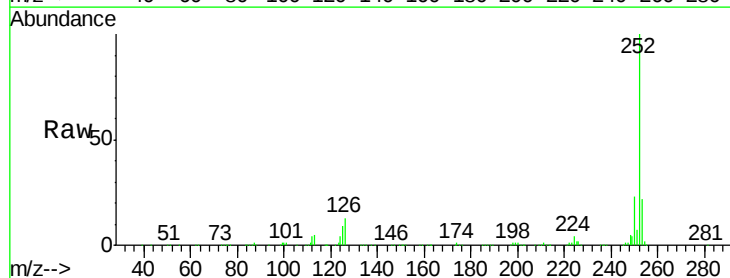
Instrument :
BNA_F
ClientSampleId :
PB91400BS

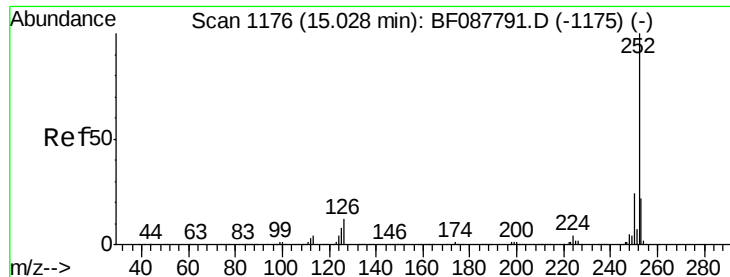
Tgt Ion: 264 Resp: 228316
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 22.0 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 66.55 ng
RT: 14.83 min Scan# 1159
Delta R.T. 0.03 min
Lab File: BF088186.D
Acq: 20 Jun 2016 22:20

Tgt Ion: 252 Resp: 1058969
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 9.1 7.1 10.7





#88

Benzo(k)fluoranthene

Concen: 88.26 ng

RT: 14.83 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

PB91400BS

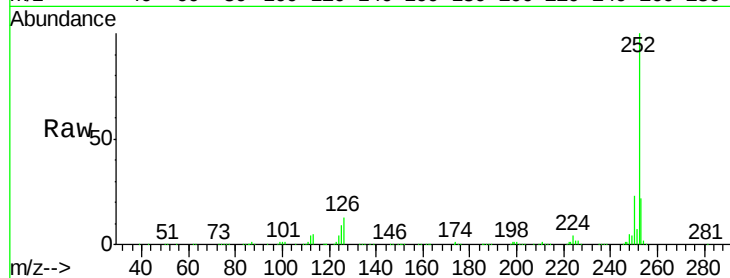
Tgt Ion:252 Resp: 1059437

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

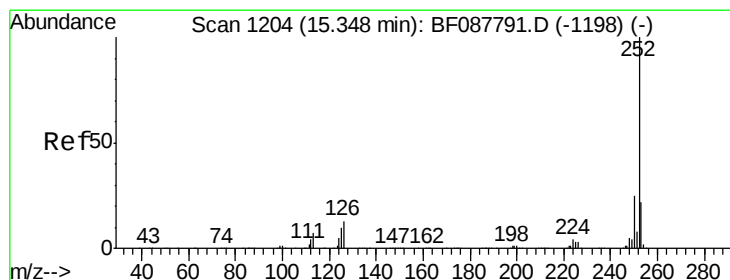
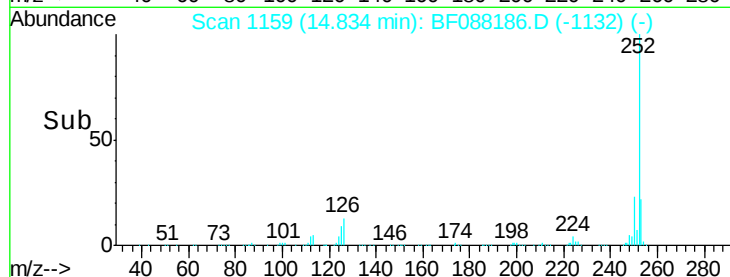
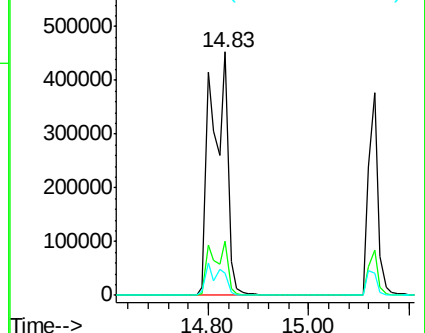
125 9.1 11.2 16.8#



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: 38.57 ng

RT: 15.13 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

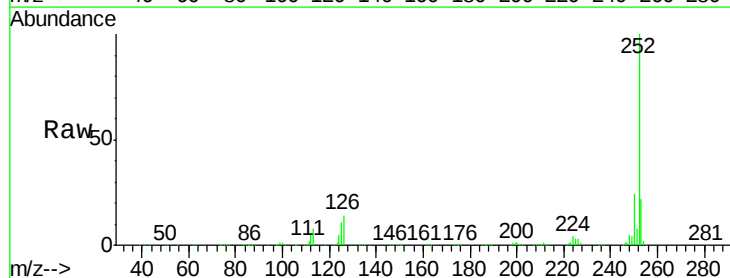
Tgt Ion:252 Resp: 496547

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

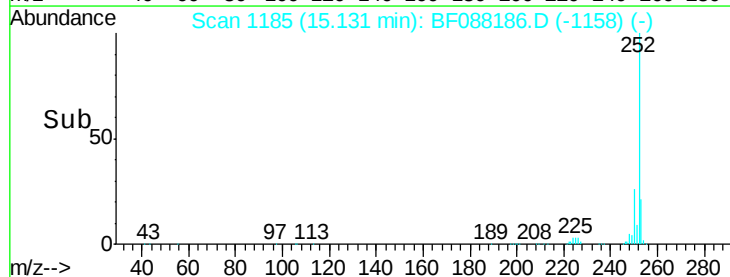
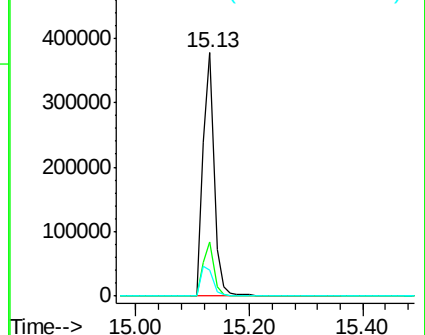
125 10.8 12.5 18.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 32.91 ng

RT: 16.48 min Scan# 1303

Delta R.T. 0.01 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

PB91400BS

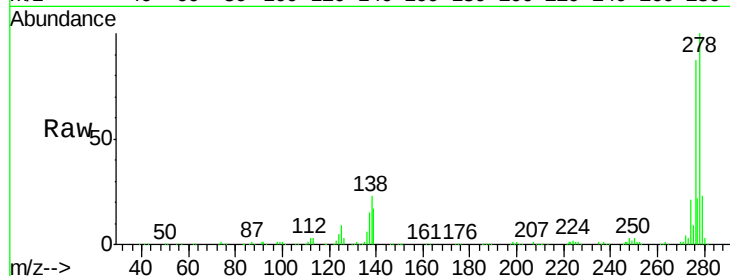
Tgt Ion:278 Resp: 393557

Ion Ratio Lower Upper

278 100

139 16.6 15.7 23.5

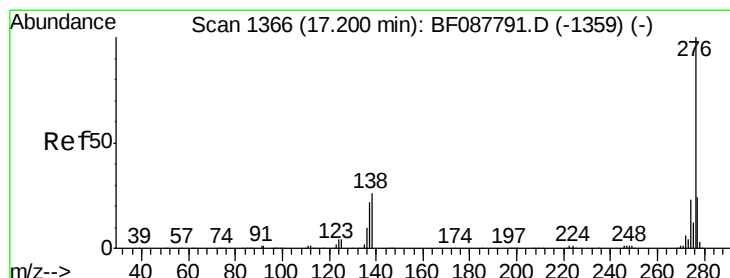
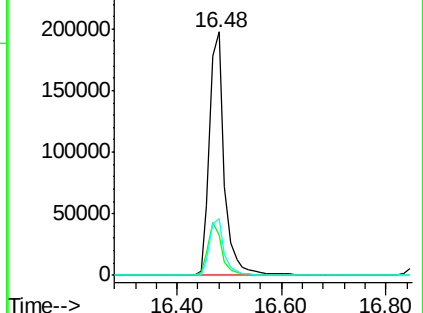
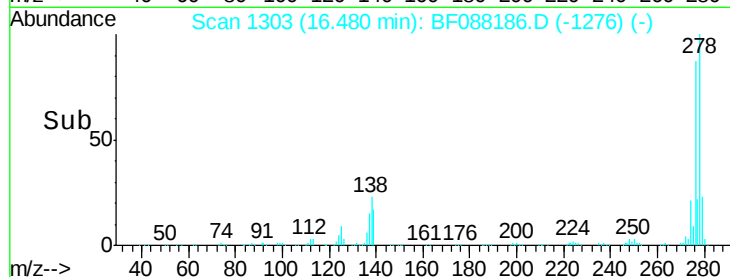
279 23.1 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 33.11 ng

RT: 16.85 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF088186.D

Acq: 20 Jun 2016 22:20

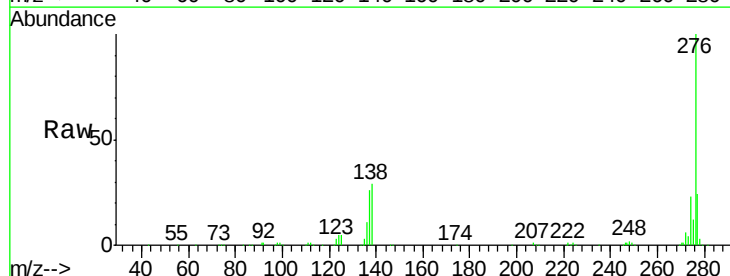
Tgt Ion:276 Resp: 407251

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 29.4 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

