

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
 Data File : BF088156.D
 Acq On : 19 Jun 2016 2:20
 Operator : UM/SJ
 Sample : H3611-13MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMSD

Quant Time: Jun 19 07:53:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	93124	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	355539	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	140104	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	219689	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	148185	20.00	ng	-0.02
86) Perylene-d12	15.21	264	119151	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	680346	124.90	ng	0.02
7) Phenol-d6	6.35	99	791274	119.86	ng	0.00
23) Nitrobenzene-d5	7.26	82	502165	82.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	147485	99.70	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	884485	100.16	ng	-0.02
78) Terphenyl-d14	12.79	244	688132	105.67	ng	-0.01

Target Compounds				Qvalue		
4) n-Nitrosodimethylamine	2.97	42	108874	41.13	ng	86
6) Aniline	6.36	93	45914	4.89	ng	# 1
8) 2-Chlorophenol	6.48	128	295934	45.90	ng	91
9) Benzaldehyde	6.24	77	13178	2.82	ng	96
10) Phenol	6.36	94	334865	49.37	ng	95
11) bis(2-Chloroethyl)ether	6.43	93	264040	45.61	ng	87
12) 1,3-Dichlorobenzene	6.86	146	262666	37.97	ng	97
13) 1,4-Dichlorobenzene	6.71	146	282453	40.53	ng	96
14) 1,2-Dichlorobenzene	6.86	146	262928	41.49	ng	95
15) Benzyl Alcohol	6.84	79	97165	18.81	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.97	45	304714	38.96	ng	# 2
17) 2-Methylphenol	6.97	107	222894	42.63	ng	# 91
18) Hexachloroethane	7.20	117	89214	36.08	ng	97
19) n-Nitroso-di-n-propylamine	7.11	70	176521	41.80	ng	# 88
20) 3+4-Methylphenols	7.12	107	283270	46.43	ng	# 81
22) Acetophenone	7.11	105	389957	49.08	ng	98
24) Nitrobenzene	7.28	77	283999	48.15	ng	99
25) Isophorone	7.52	82	506836	44.94	ng	99
26) 2-Nitrophenol	7.60	139	121005	38.30	ng	# 73
27) 2,4-Dimethylphenol	7.64	122	237383	40.81	ng	92
28) bis(2-Chloroethoxy)methane	7.74	93	266520	38.10	ng	98
29) 2,4-Dichlorophenol	7.85	162	213832	44.03	ng	91
30) 1,2,4-Trichlorobenzene	7.92	180	233728	44.20	ng	99
31) Naphthalene	8.00	128	874082	49.68	ng	99
32) Benzoic acid	7.78	122	113897	35.56	ng	95
33) 4-Chloroaniline	8.06	127	32271	4.11	ng	97
34) Hexachlorobutadiene	8.11	225	123611	44.32	ng	98
35) Caprolactam	8.43	113	54867	34.11	ng	# 73
36) 4-Chloro-3-methylphenol	8.56	107	209075	40.25	ng	89
37) 2-Methylnaphthalene	8.79	142	487461	42.03	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	208727	70.76	ng	# 1
40) Hexachlorocyclopentadiene	8.83	237	25086	11.10	ng	98
42) 2,4,6-Trichlorophenol	8.98	196	130122	46.44	ng	99
43) 2,4,5-Trichlorophenol	9.03	196	132535	45.47	ng	99

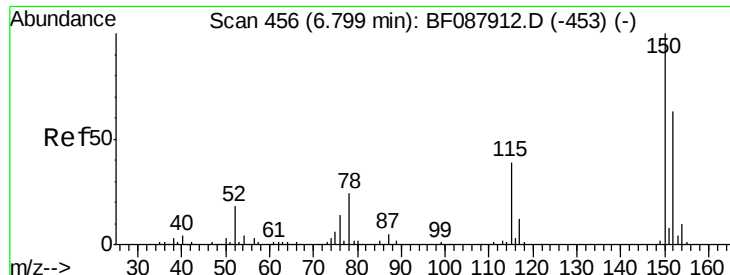
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.15	154	587892	57.65	ng	98
46) 2-Chloronaphthalene	9.18	162	437948	48.31	ng	97
47) 2-Nitroaniline	9.28	65	125404	46.89	ng	87
48) Acenaphthylene	9.59	152	657112	45.57	ng	99
49) Dimethylphthalate	9.46	163	553170	54.51	ng	99
50) 2,6-Dinitrotoluene	9.52	165	100174	43.10	ng	# 72
51) Acenaphthene	9.76	154	397028	44.13	ng	98
52) 3-Nitroaniline	9.69	138	60547	22.58	ng	# 76
53) 2,4-Dinitrophenol	9.80	184	15472	17.22	ng	# 85
54) Dibenzofuran	9.93	168	572108	46.18	ng	93
55) 4-Nitrophenol	9.87	139	100856	48.45	ng	88
56) 2,4-Dinitrotoluene	9.92	165	97545	32.66	ng	# 44
57) Fluorene	10.27	166	449992	54.80	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	98817	43.14	ng	# 56
59) Diethylphthalate	10.16	149	517387	50.36	ng	97
60) 4-Chlorophenyl-phenylether	10.26	204	174101	42.26	ng	92
61) 4-Nitroaniline	10.30	138	78204	30.74	ng	96
62) Azobenzene	10.42	77	367372	36.16	ng	96
64) 4,6-Dinitro-2-methylphenol	10.33	198	14353	12.16	ng	89
65) n-Nitrosodiphenylamine	10.39	169	197064	27.03	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	122503	51.98	ng	97
67) Hexachlorobenzene	10.82	284	115733	47.26	ng	# 71
68) Atrazine	10.91	200	14432	6.54	ng	97
69) Pentachlorophenol	11.02	266	87981	68.16	ng	96
70) Phenanthrene	11.22	178	547104	47.46	ng	99
71) Anthracene	11.28	178	569847	49.00	ng	99
72) Carbazole	11.44	167	332550	30.56	ng	97
73) Di-n-butylphthalate	11.77	149	673097	48.86	ng	99
74) Fluoranthene	12.41	202	564253	46.38	ng	98
77) Pyrene	12.64	202	568827	51.73	ng	99
79) Butylbenzylphthalate	13.26	149	260769	53.64	ng	# 82
80) Benzo(a)anthracene	13.82	228	427435	50.62	ng	99
81) 3,3'-Dichlorobenzidine	13.78	252	11342	4.99	ng	# 93
82) Chrysene	13.86	228	463520	58.34	ng	98
83) Bis(2-ethylhexyl)phthalate	13.82	149	350622	59.25	ng	# 97
84) Di-n-octyl phthalate	14.43	149	682312	70.95	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.51	276	348818	47.26	ng	# 100
87) Benzo(b)fluoranthene	14.86	252	789560	95.07	ng	# 97
88) Benzo(k)fluoranthene	14.86	252	789560	126.03	ng	98
89) Benzo(a)pyrene	15.15	252	352526	52.47	ng	100
90) Dibenzo(a,h)anthracene	16.53	278	302968	48.55	ng	98
91) Benzo(g,h,i)perylene	16.90	276	288941	45.01	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

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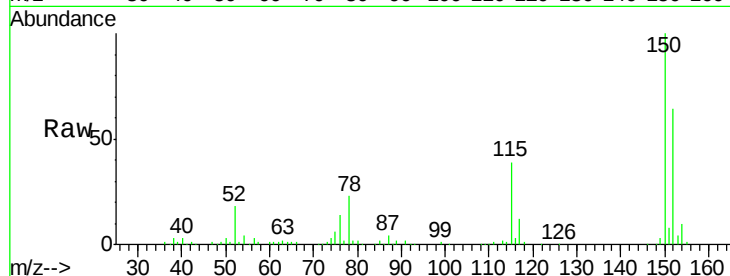
Tgt Ion:152 Resp: 93124

Ion Ratio Lower Upper

152 100

150 156.1 123.8 185.6

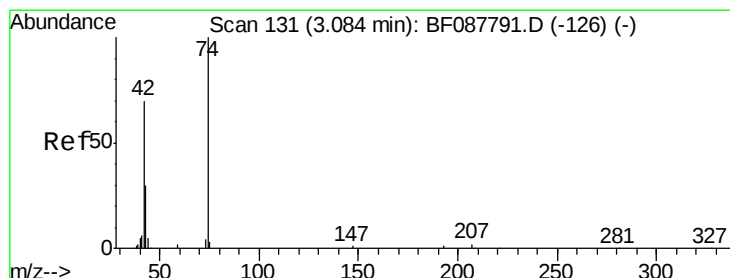
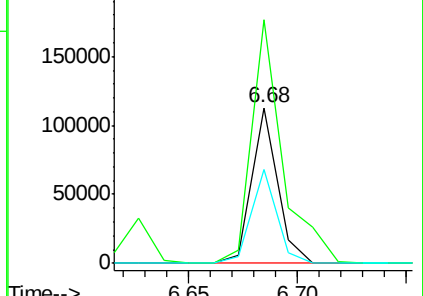
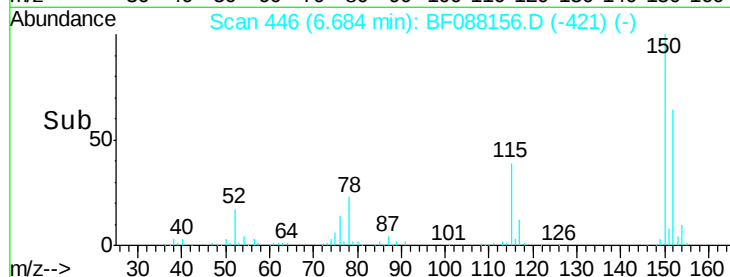
115 60.5 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

n-Nitrosodimethylamine

Concen: 41.13 ng

RT: 2.97 min Scan# 121

Delta R.T. 0.16 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

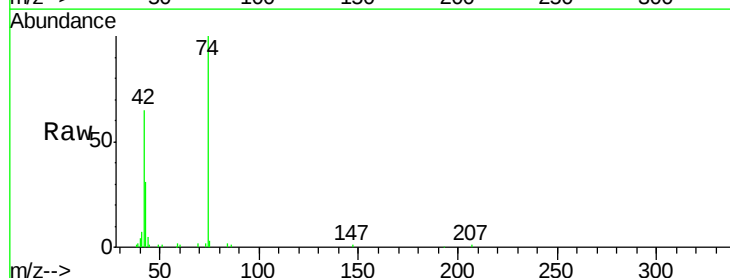
Tgt Ion: 42 Resp: 108874

Ion Ratio Lower Upper

42 100

74 153.0 108.6 163.0

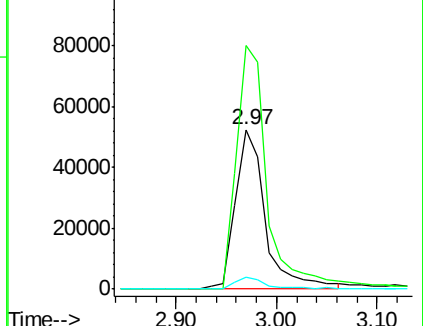
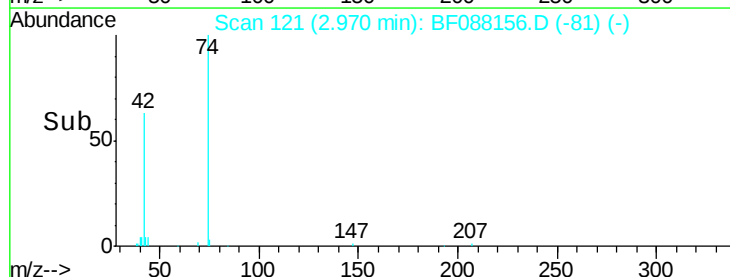
44 7.4 5.5 8.3

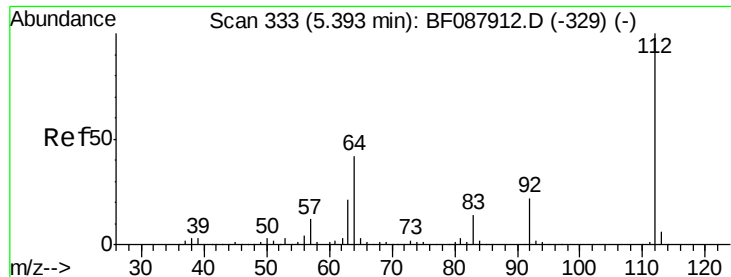


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

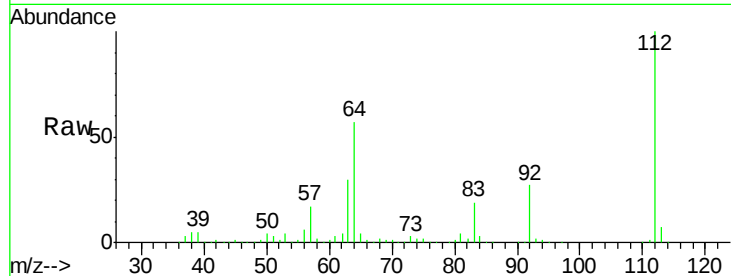




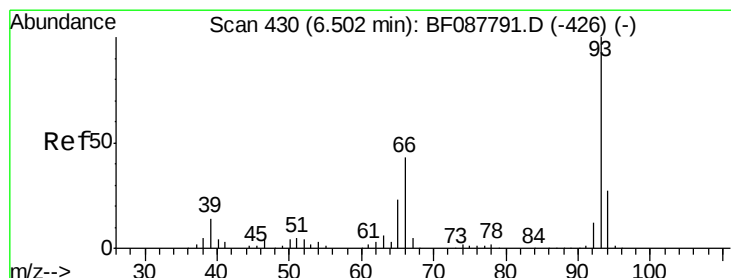
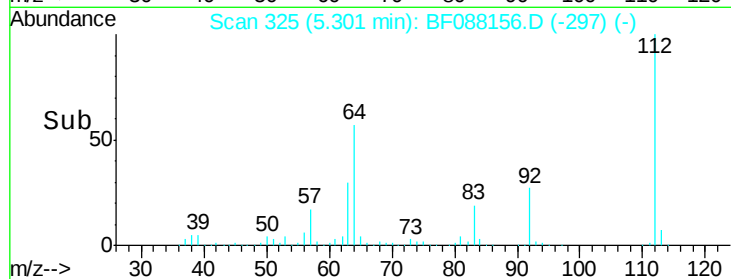
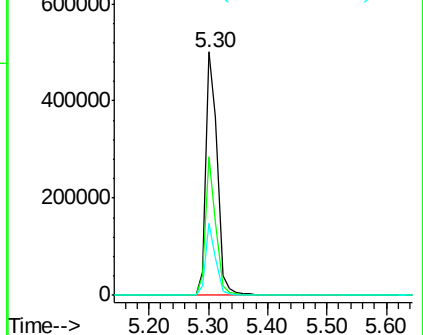
#5
 2-Fluorophenol
 Concen: 124.90 ng
 RT: 5.30 min Scan# 325
 Delta R.T. 0.02 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Instrument :
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 PL-UP1-COMPMSD

Tgt Ion: 112 Resp: 680346
 Ion Ratio Lower Upper
 112 100
 64 57.1 42.2 63.2
 63 29.6 21.8 32.8

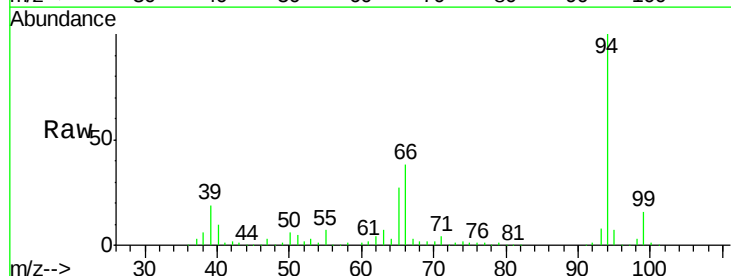


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

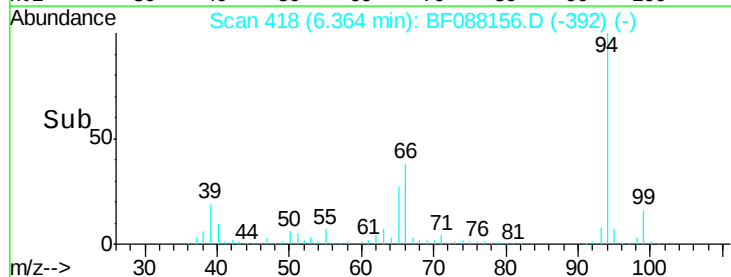
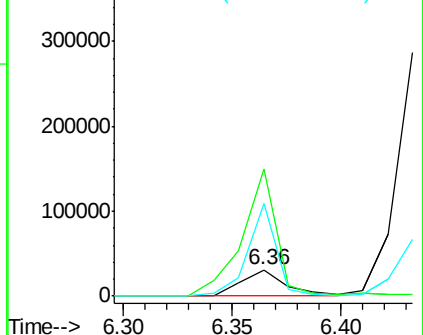


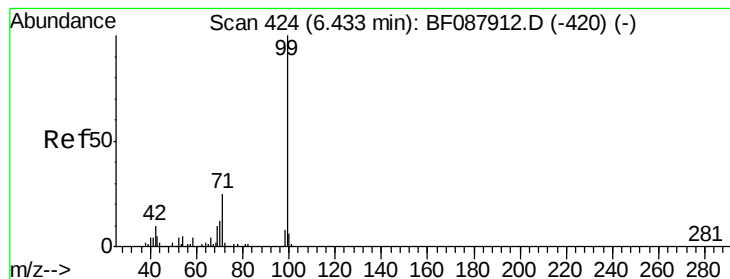
#6
 Aniline
 Concen: 4.89 ng
 RT: 6.36 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Tgt Ion: 93 Resp: 45914
 Ion Ratio Lower Upper
 93 100
 66 482.7 29.8 44.8#
 65 348.2 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: 119.86 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMSD

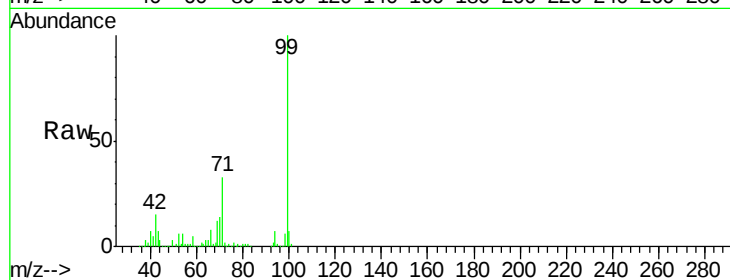
Tgt Ion: 99 Resp: 791274

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

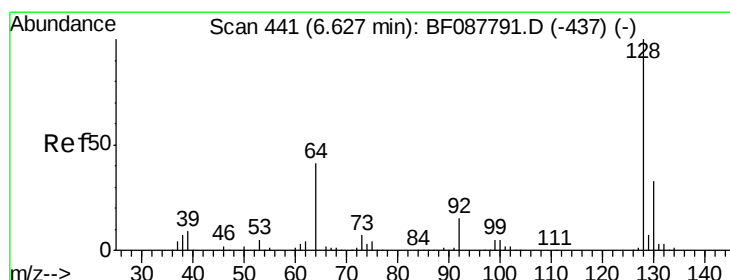
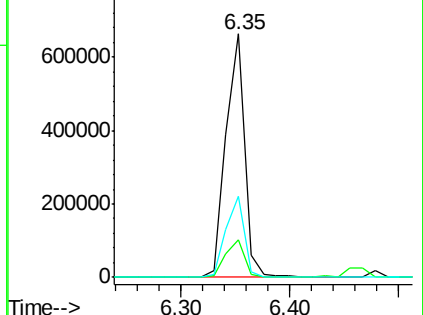
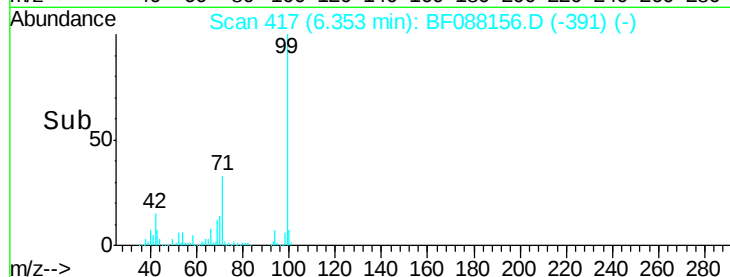
71 33.3 23.4 35.0



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: 45.90 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

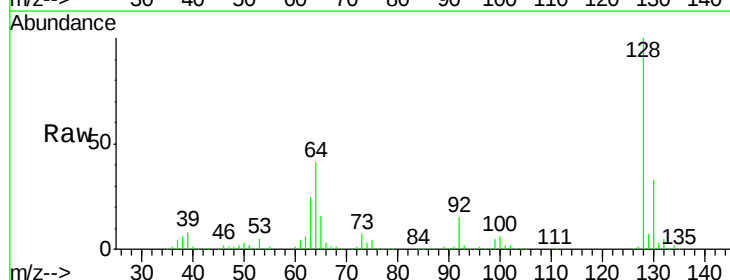
Tgt Ion: 128 Resp: 295934

Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

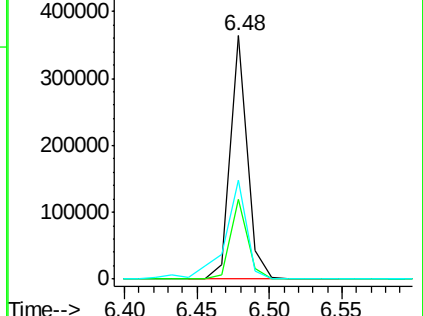
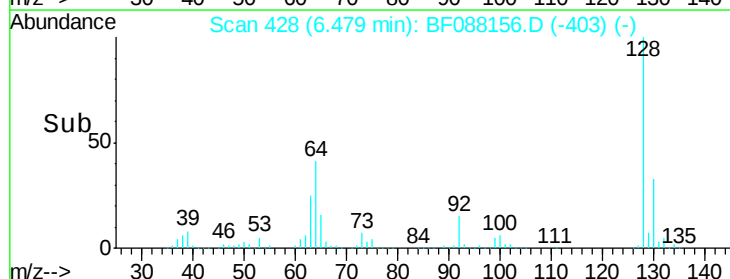
64 40.9 30.8 70.8

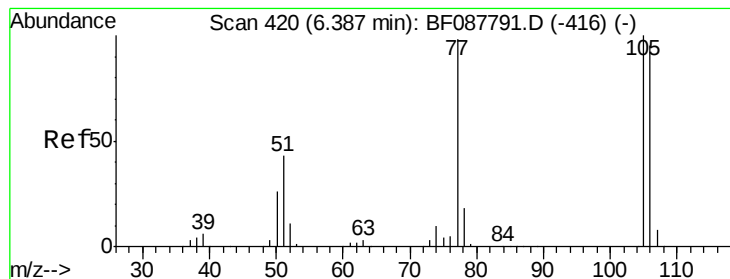


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.82 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

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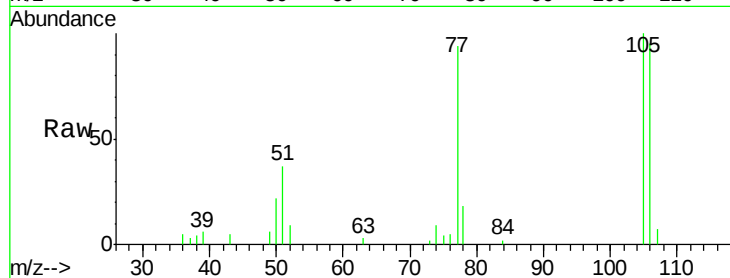
Tgt Ion: 77 Resp: 13178

Ion Ratio Lower Upper

77 100

105 106.0 90.6 130.6

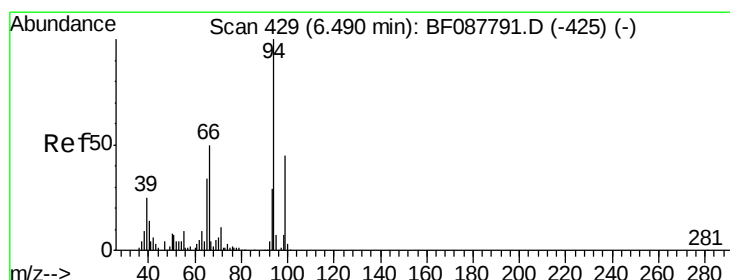
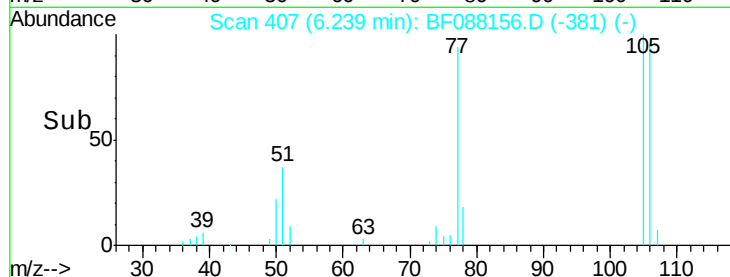
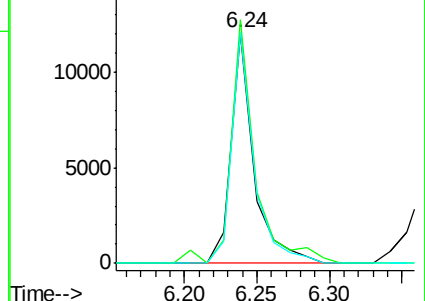
106 100.6 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 49.37 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

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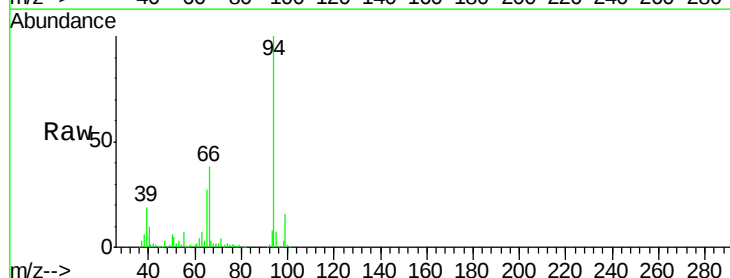
Tgt Ion: 94 Resp: 334865

Ion Ratio Lower Upper

94 100

65 27.3 5.9 45.9

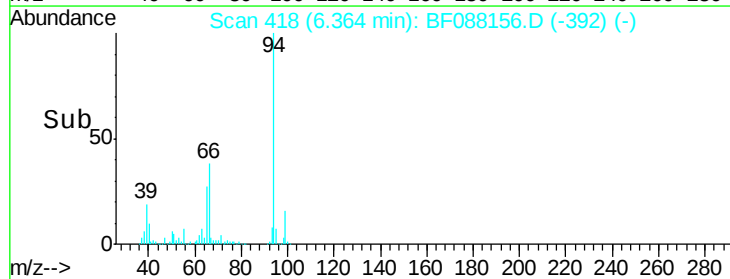
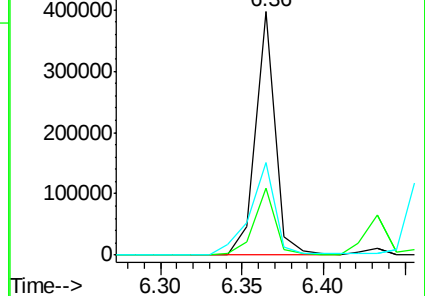
66 37.8 14.0 54.0

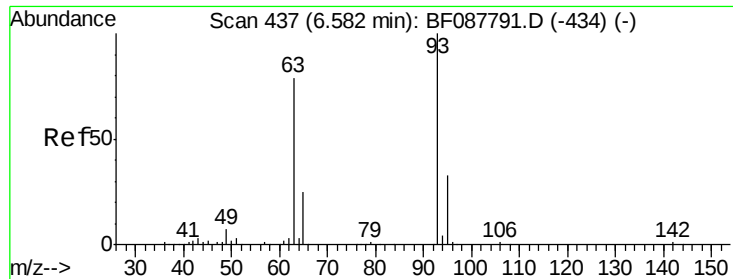


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 45.61 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

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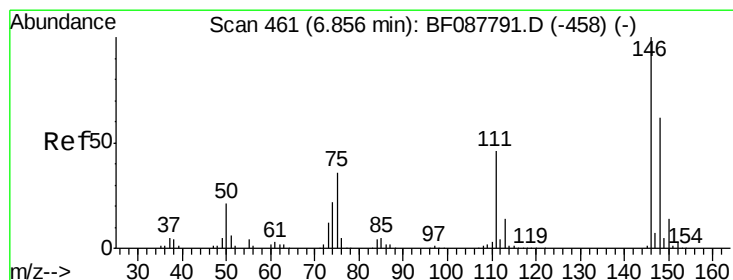
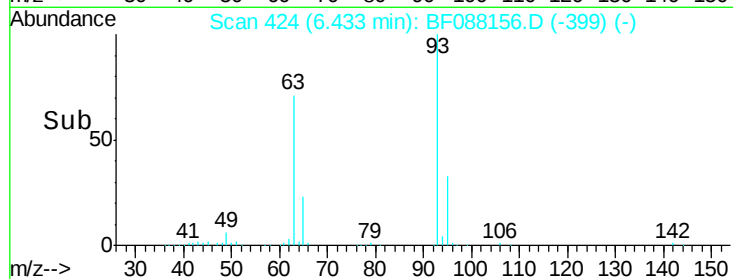
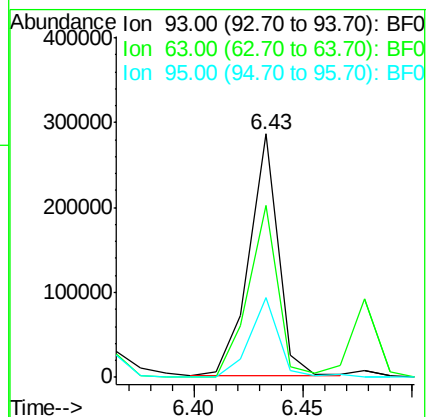
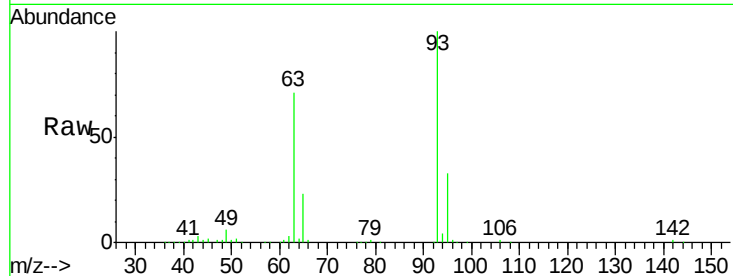
Tgt Ion: 93 Resp: 264040

Ion Ratio Lower Upper

93 100

63 70.9 67.6 107.6

95 32.7 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 37.97 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.22 min

Lab File: BF088156.D

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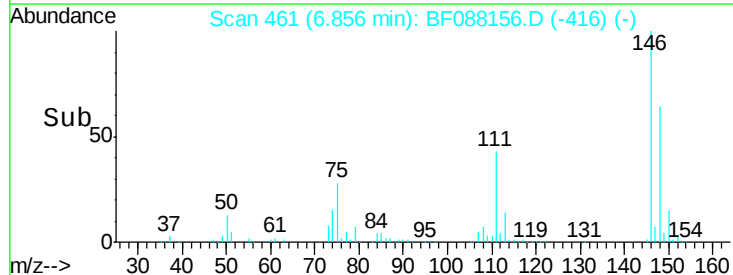
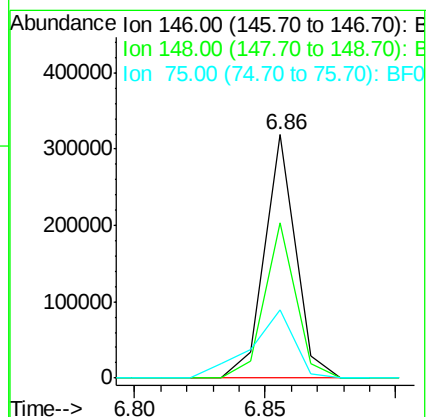
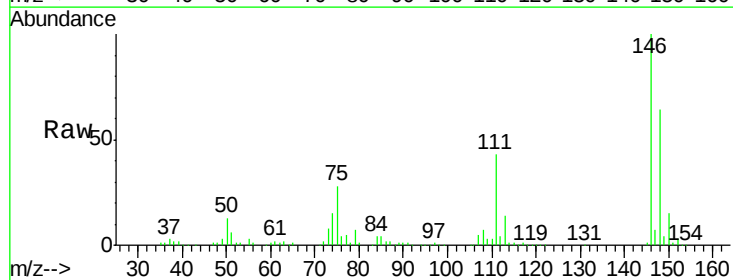
Tgt Ion: 146 Resp: 262666

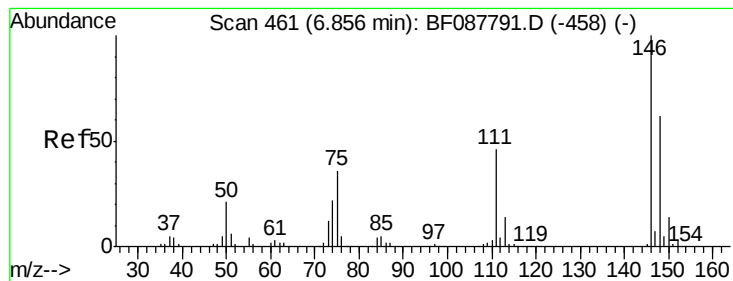
Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

75 27.9 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 40.53 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMSD

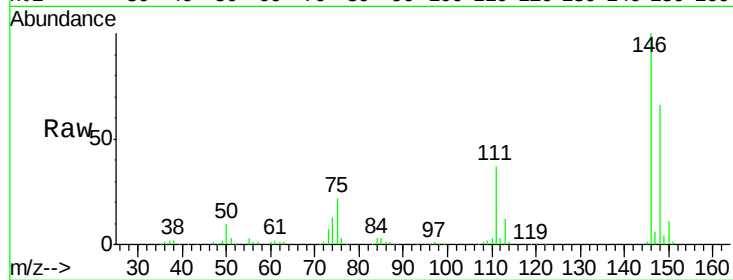
Tgt Ion:146 Resp: 282453

Ion Ratio Lower Upper

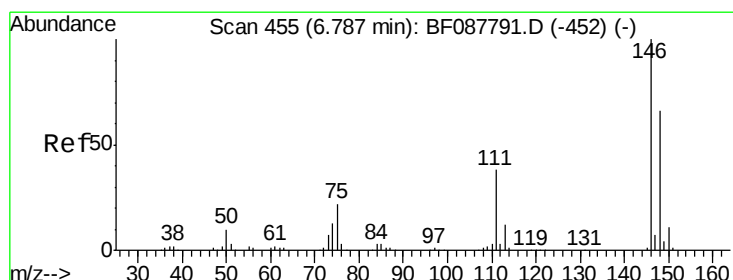
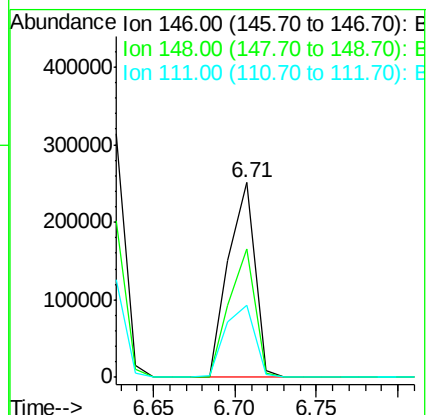
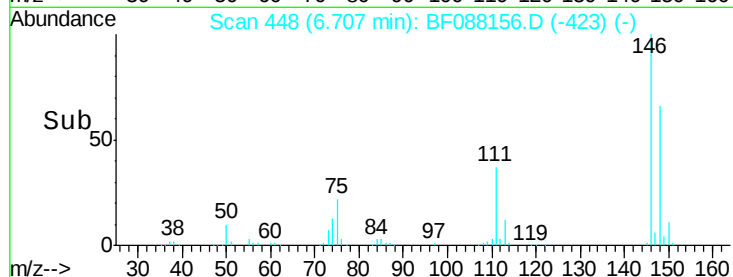
146 100

148 66.0 52.0 78.0

111 37.0 33.8 50.8



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



#14

1,2-Dichlorobenzene

Concen: 41.49 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

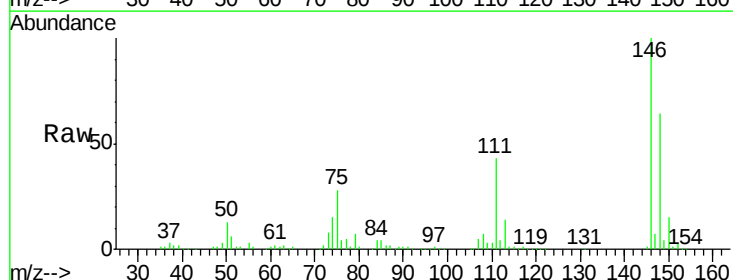
Tgt Ion:146 Resp: 262928

Ion Ratio Lower Upper

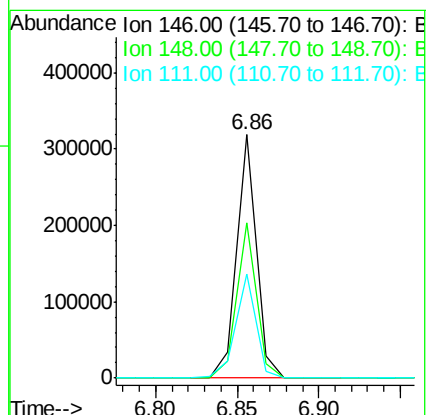
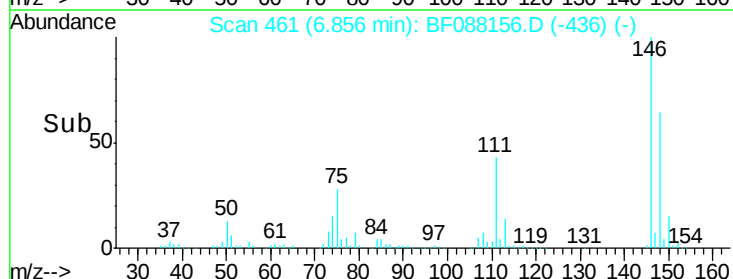
146 100

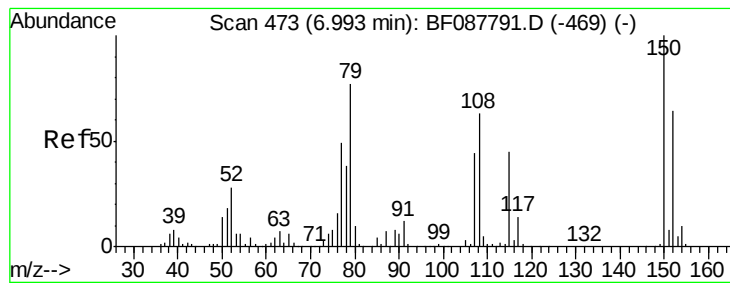
148 63.9 52.3 78.5

111 42.6 28.7 43.1



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





#15

Benzyl Alcohol

Concen: 18.81 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMSD

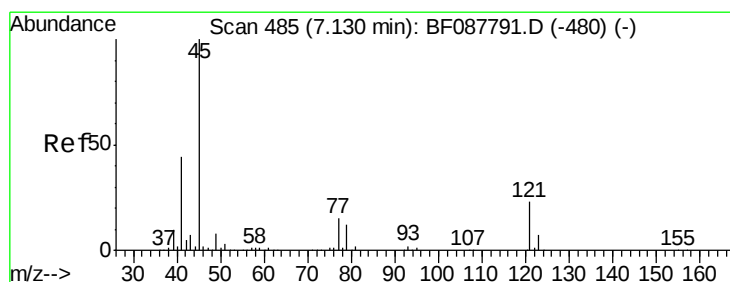
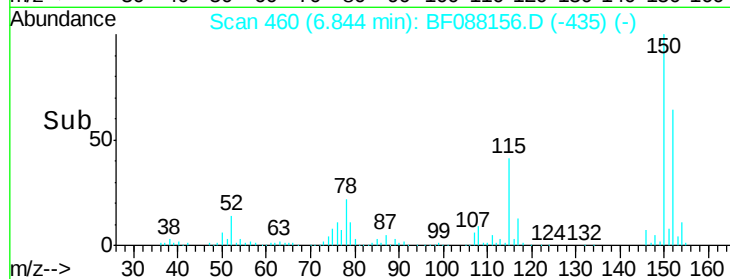
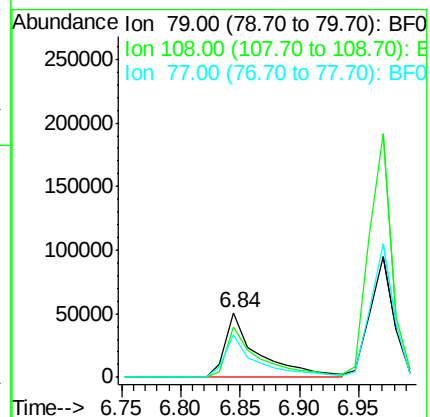
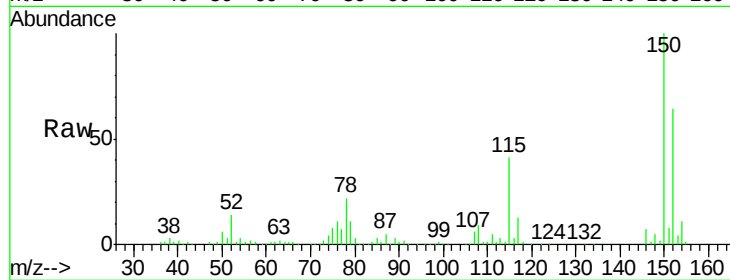
Tgt Ion: 79 Resp: 97165

Ion Ratio Lower Upper

79 100

108 77.6 65.0 97.6

77 66.4 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.96 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

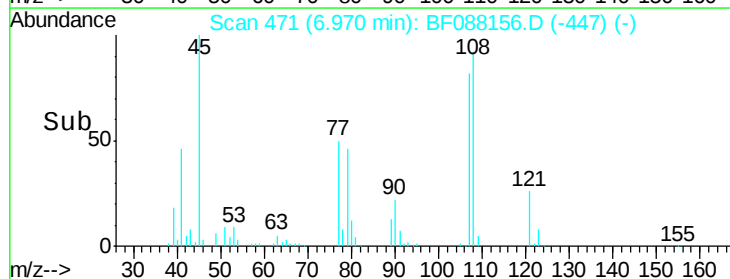
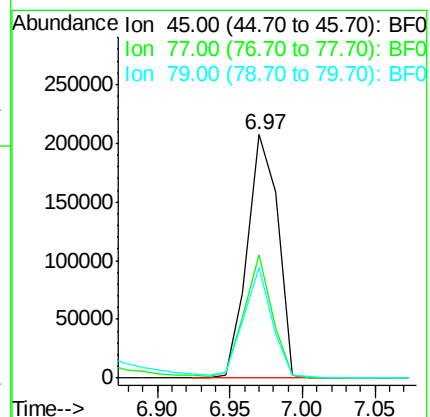
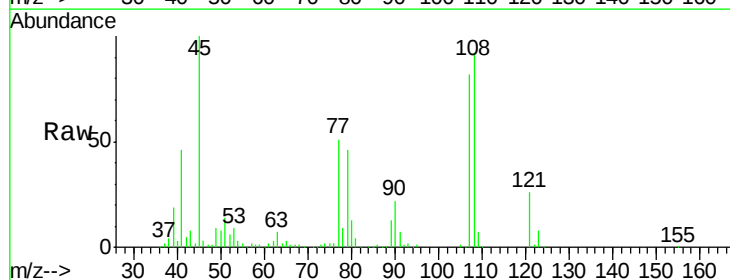
Tgt Ion: 45 Resp: 304714

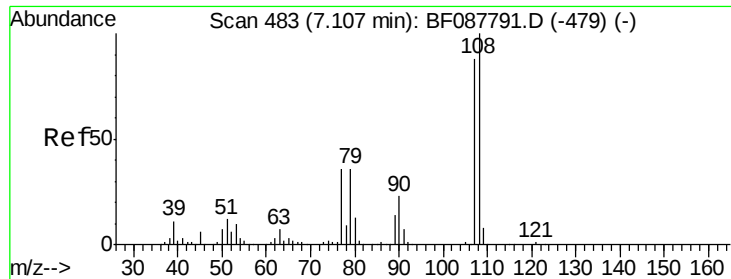
Ion Ratio Lower Upper

45 100

77 50.7 0.0 32.5#

79 45.6 0.0 29.5#

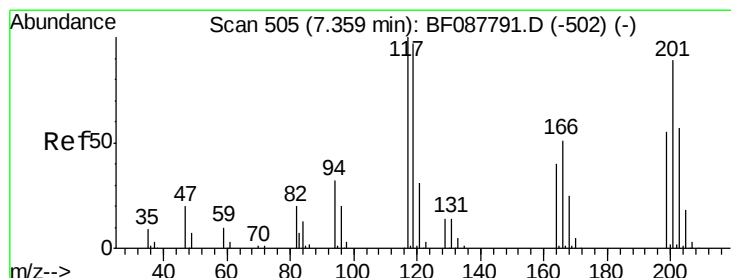
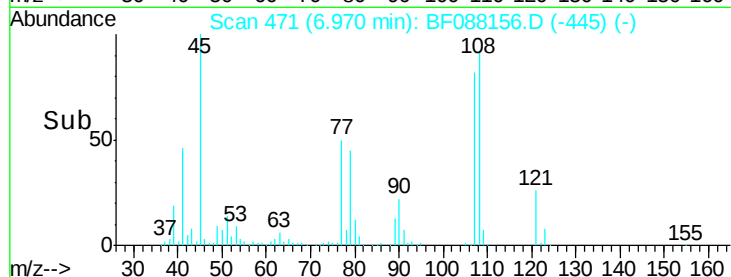
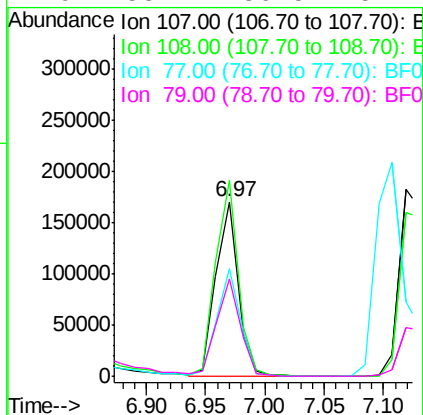
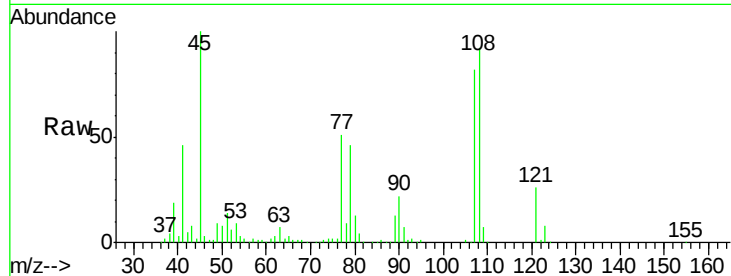




#17
2-Methylphenol
Concen: 42.63 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

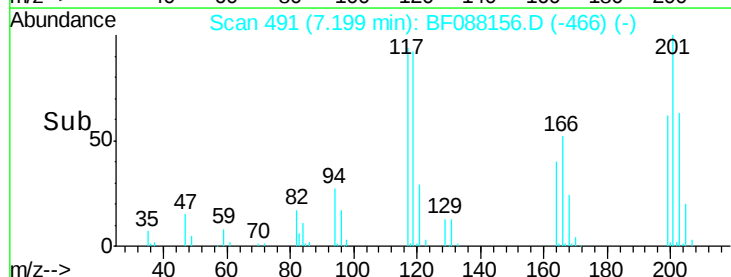
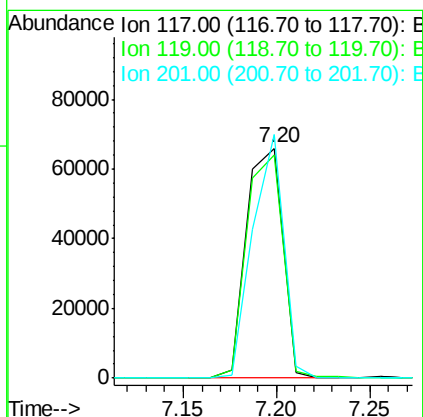
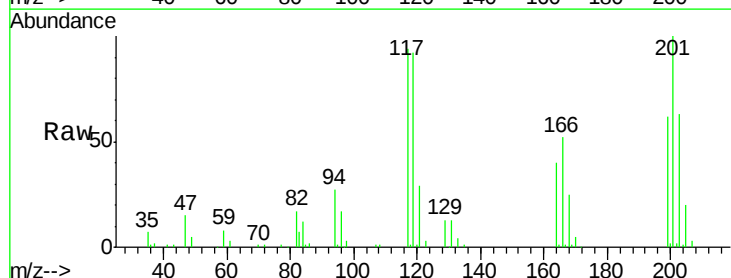
Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

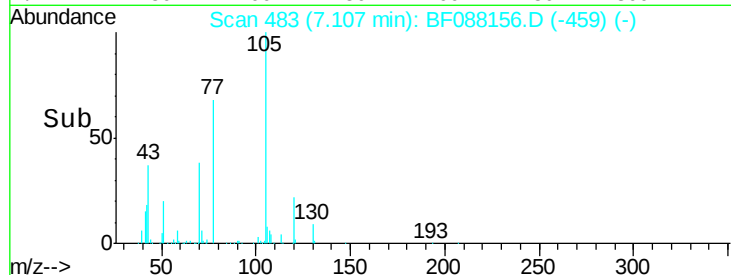
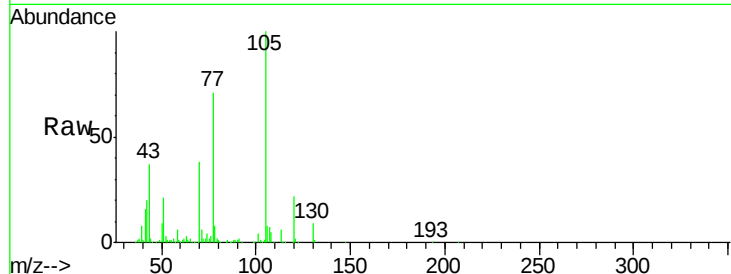
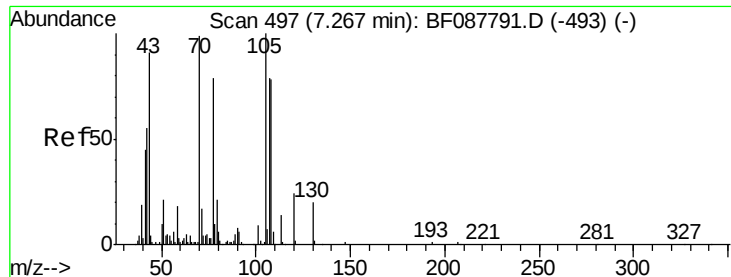
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.9	136.3
77	61.6	36.6	55.0#
79	55.4	36.5	54.7#



#18
Hexachloroethane
Concen: 36.08 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.4	116.2
201	106.0	80.4	120.6

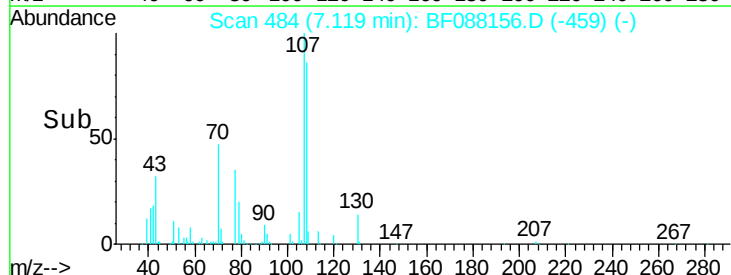
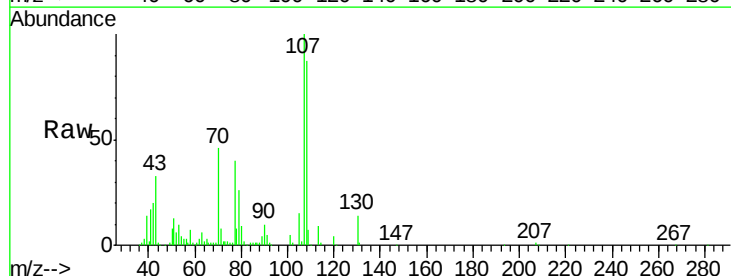
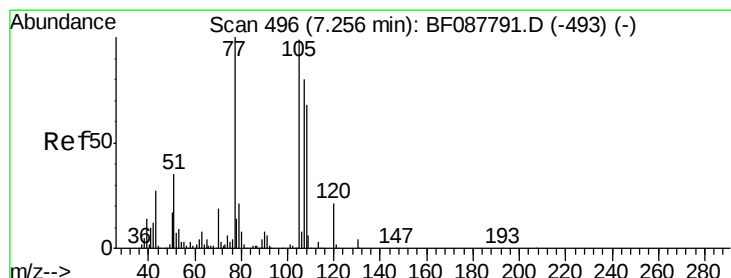
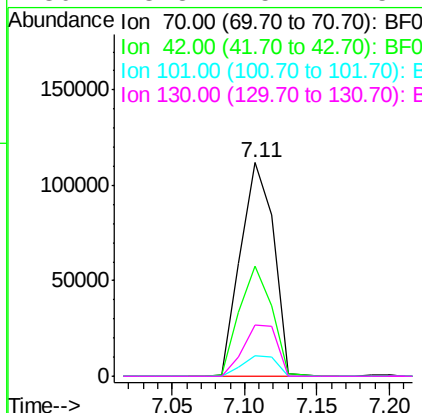




#19
n-Nitroso-di-n-propylamine
Concen: 41.80 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

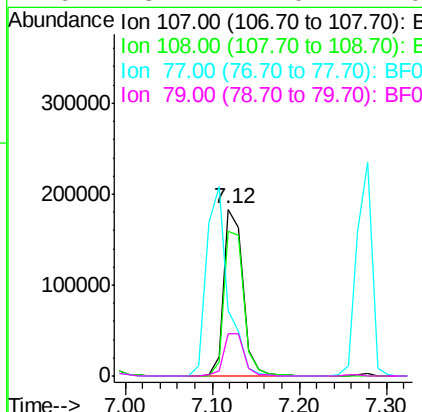
Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

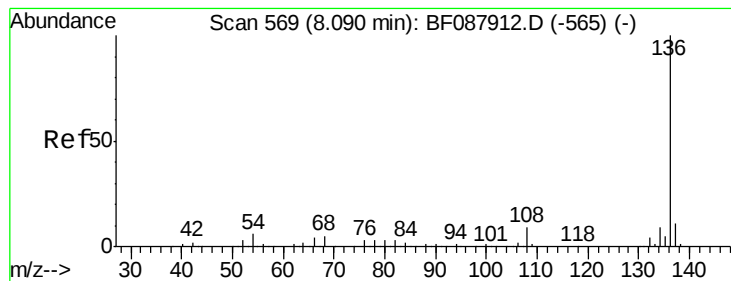
Tgt Ion:	70	Resp:	176521
Ion	Ratio	Lower	Upper
70	100		
42	51.7	49.6	74.4
101	9.7	7.1	10.7
130	23.8	15.4	23.2#



#20
3+4-Methylphenols
Concen: 46.43 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion:	107	Resp:	283270
Ion	Ratio	Lower	Upper
107	100		
108	87.1	67.8	107.8
77	39.5	59.3	99.3#
79	25.7	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMSD

Tgt Ion:136 Resp: 355539

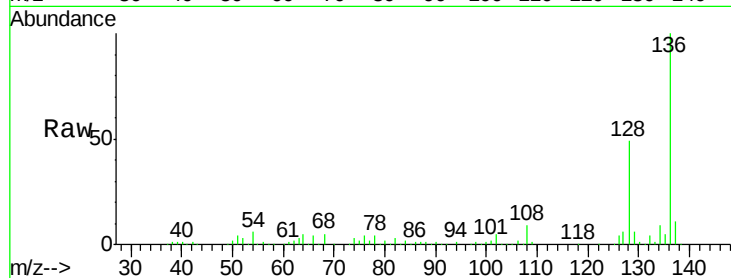
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.8 6.6 10.0#

68 5.0 5.1 7.7#

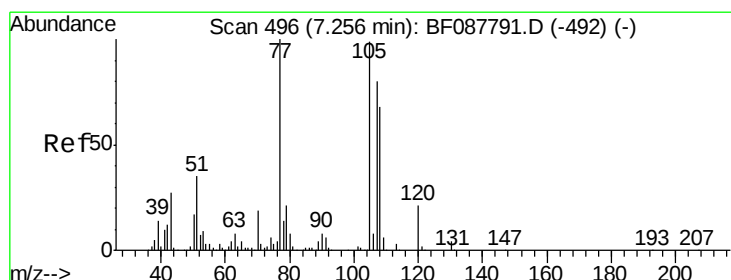
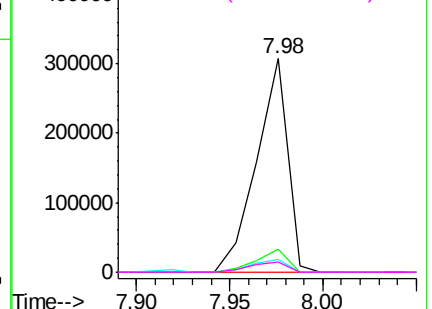
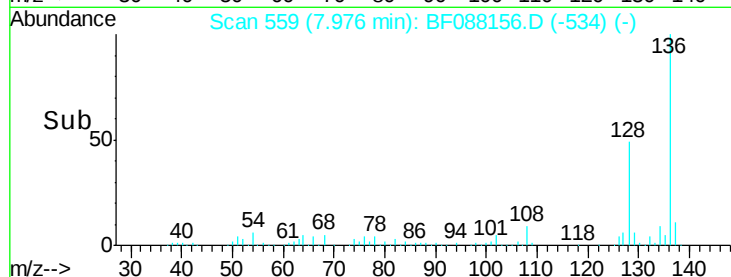


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 49.08 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Tgt Ion:105 Resp: 389957

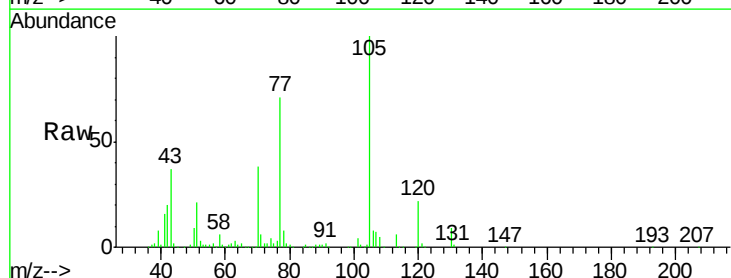
Ion Ratio Lower Upper

105 100

71 6.4 5.3 7.9

51 21.4 18.2 27.4

120 22.0 18.0 27.0

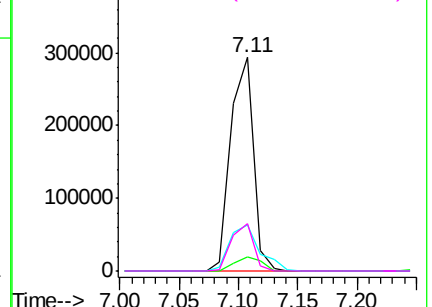
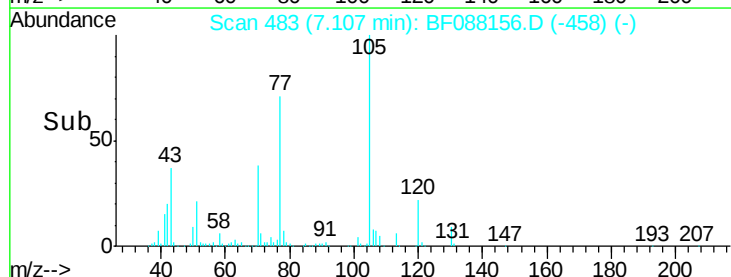


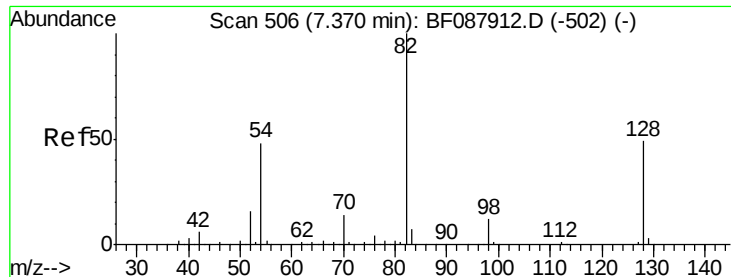
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

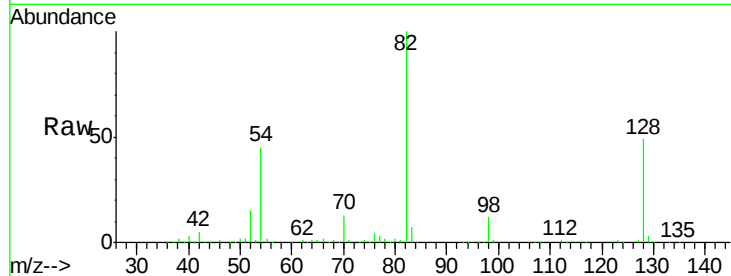




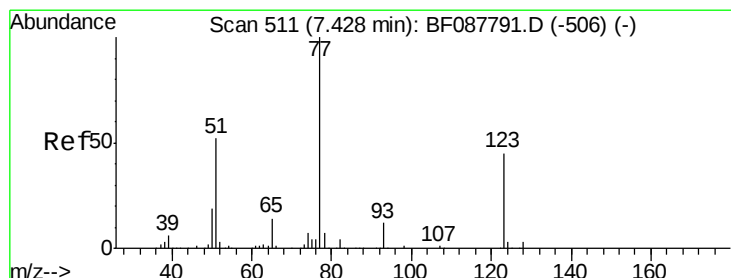
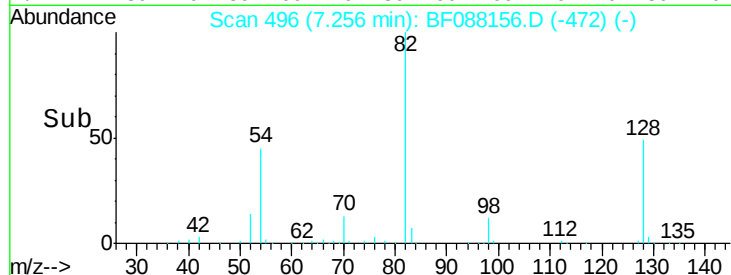
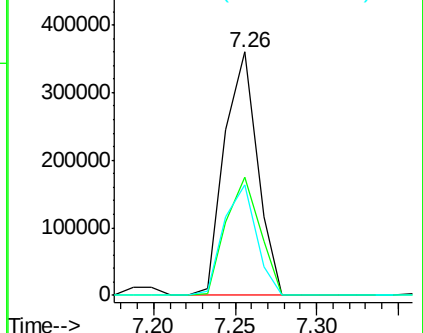
#23
 Nitrobenzene-d5
 Concen: 82.48 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.5	35.9	53.9
54	45.4	40.9	61.3

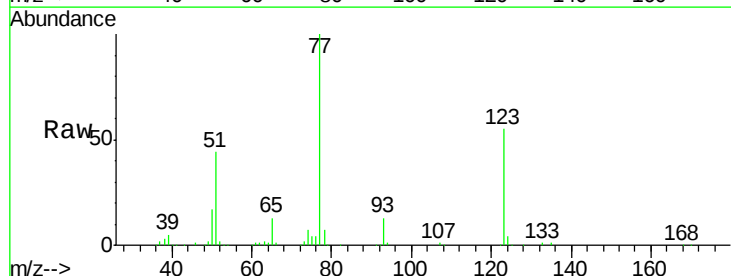


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

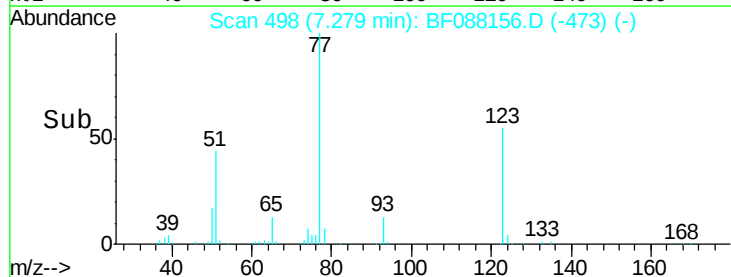
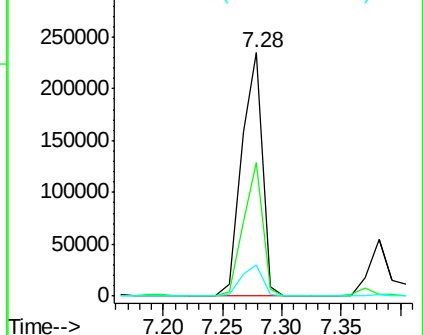


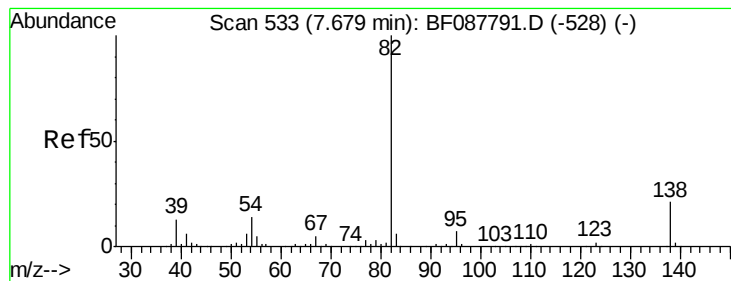
#24
 Nitrobenzene
 Concen: 48.15 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.9	45.0	67.4
65	12.6	10.2	15.2



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





#25

Isophorone

Concen: 44.94 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMSD

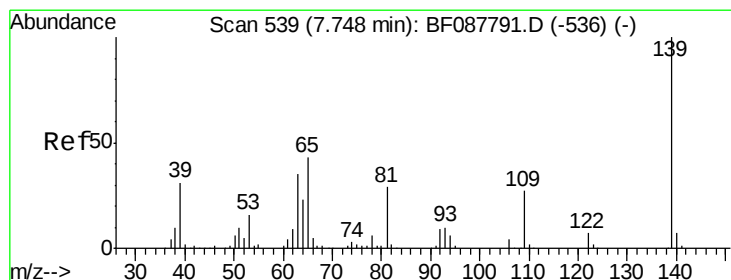
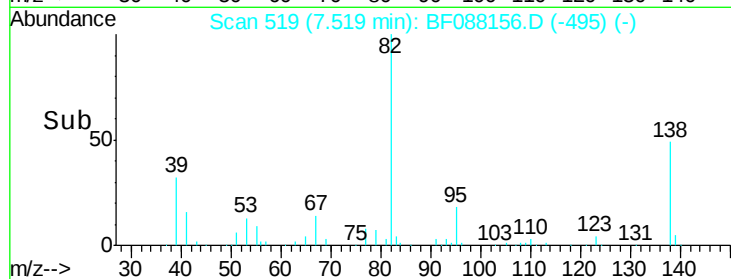
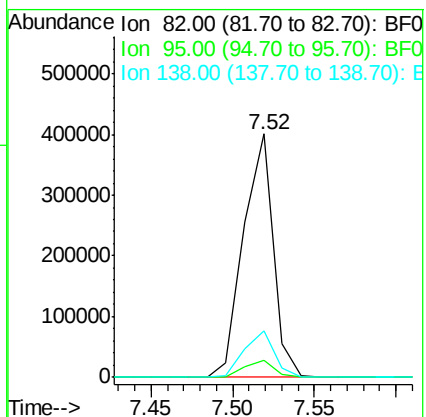
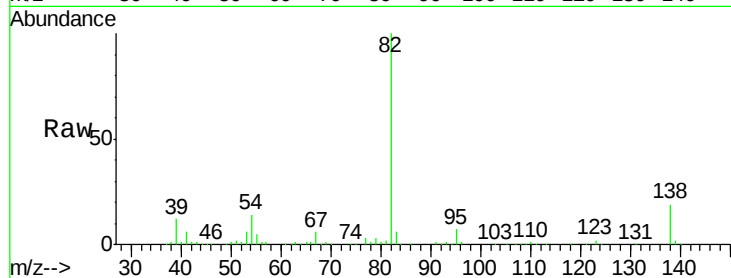
Tgt Ion: 82 Resp: 506836

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 19.0 14.6 21.8



#26

2-Nitrophenol

Concen: 38.30 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

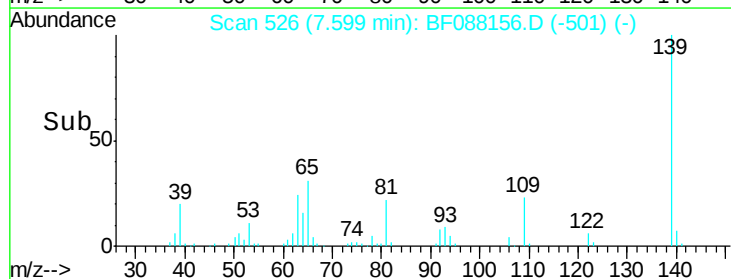
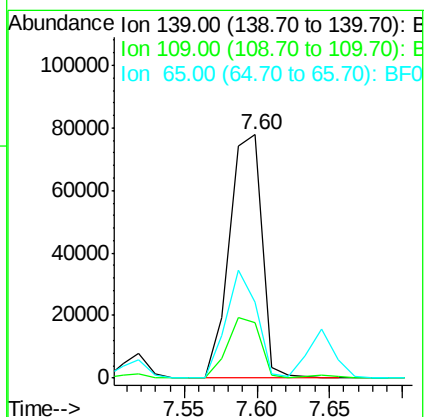
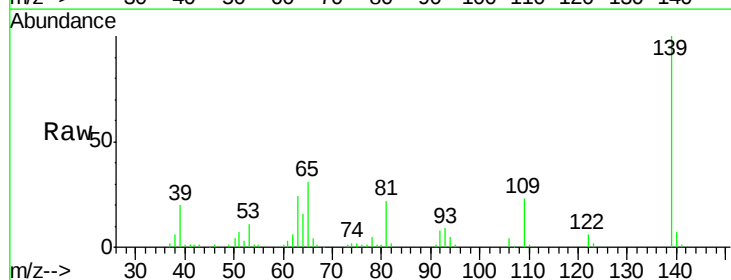
Tgt Ion: 139 Resp: 121005

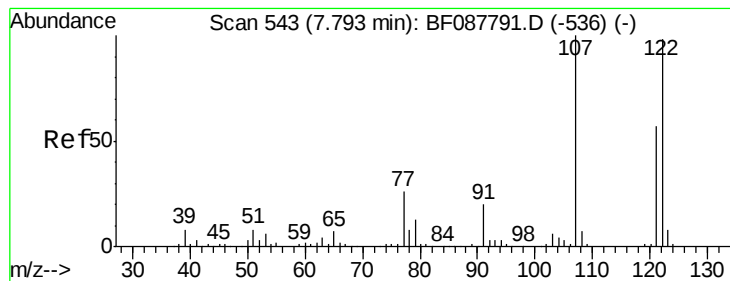
Ion Ratio Lower Upper

139 100

109 22.8 23.0 34.4#

65 31.2 45.8 68.8#

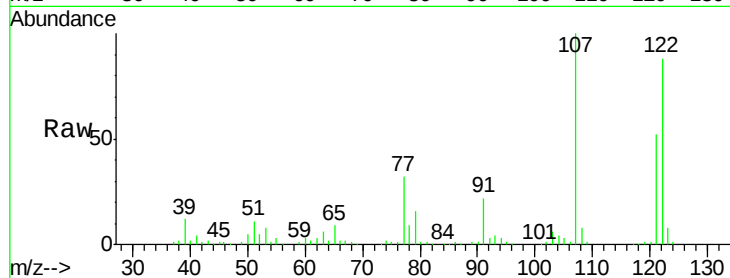




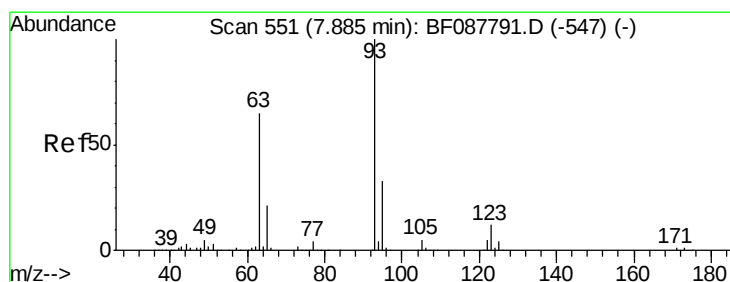
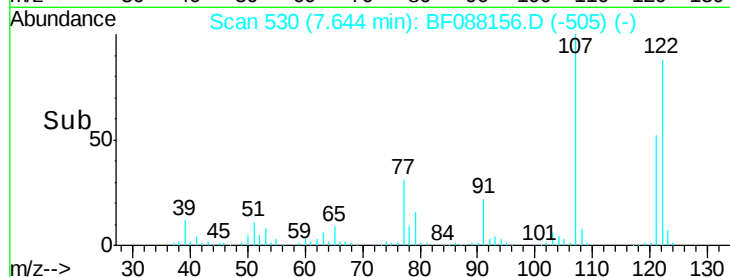
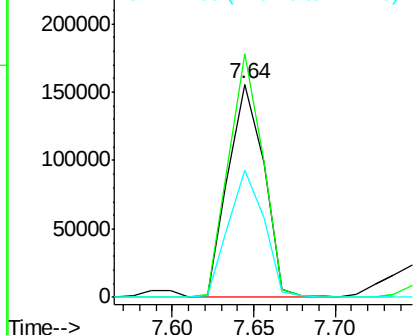
#27
 2,4-Dimethylphenol
 Concen: 40.81 ng
 RT: 7.64 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMSD

Tgt Ion: 122 Resp: 237383
 Ion Ratio Lower Upper
 122 100
 107 114.1 82.4 123.6
 121 59.4 46.3 69.5

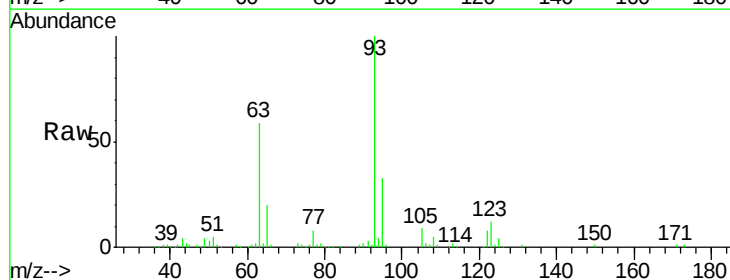


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

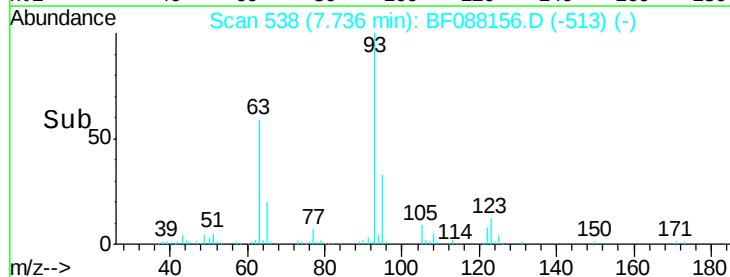
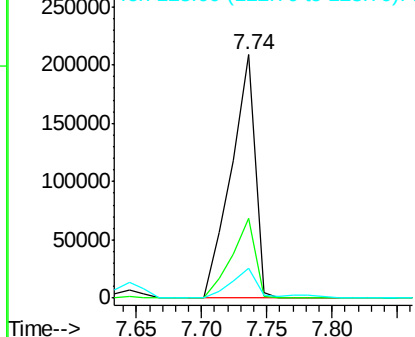


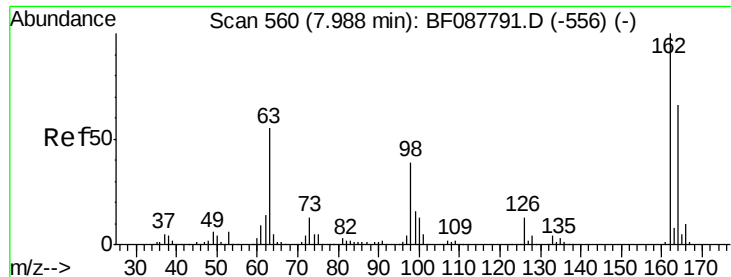
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.10 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.01 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Tgt Ion: 93 Resp: 266520
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 12.4 11.6 17.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

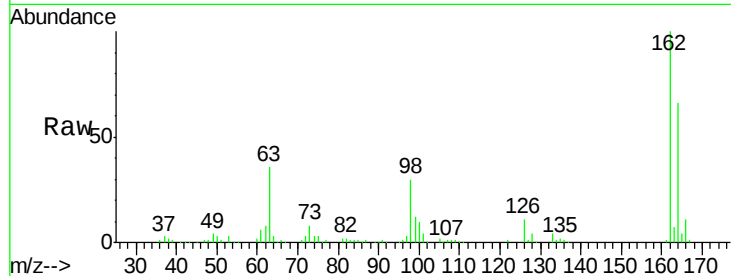




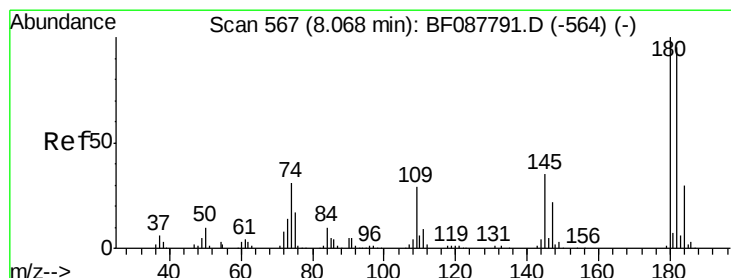
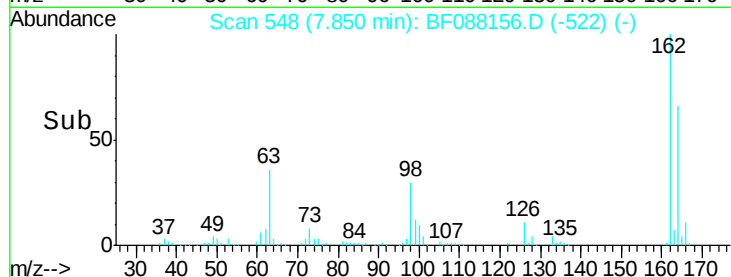
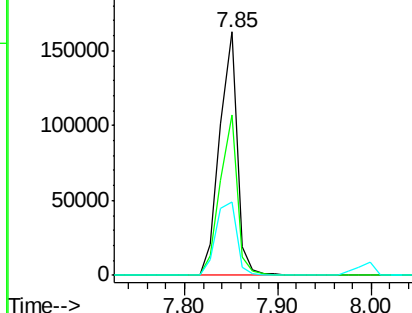
#29
 2,4-Dichlorophenol
 Concen: 44.03 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.00 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.8	43.8	83.8
98	29.9	21.3	61.3

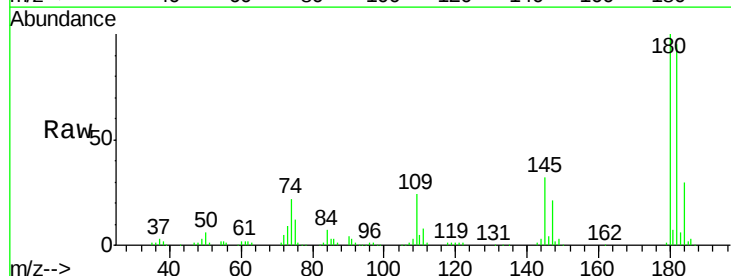


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

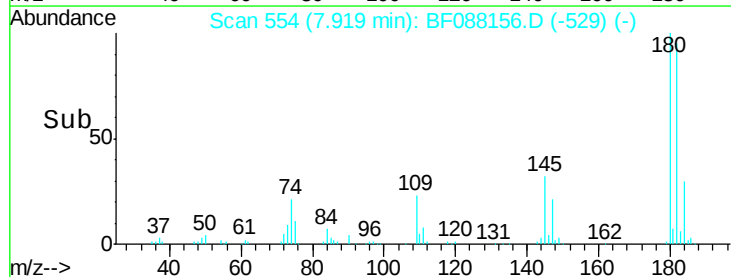
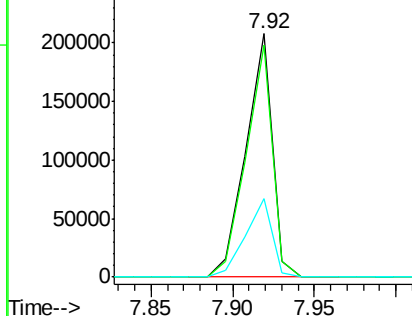


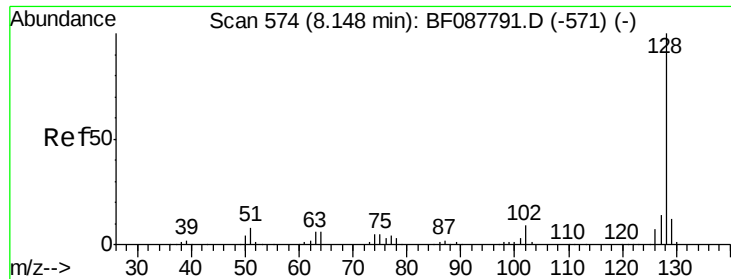
#30
 1,2,4-Trichlorobenzene
 Concen: 44.20 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.0	114.0
145	32.0	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

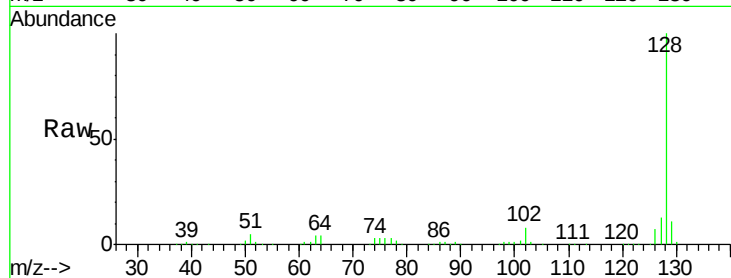




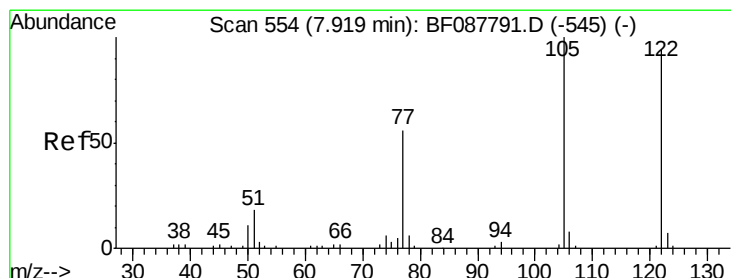
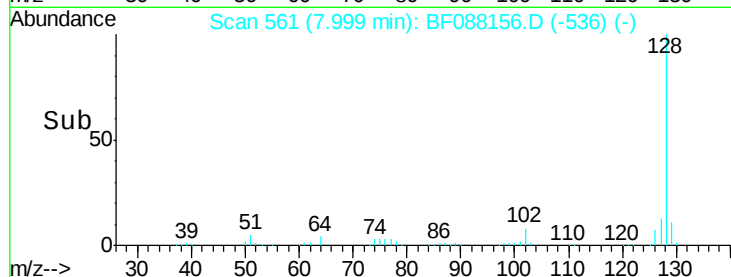
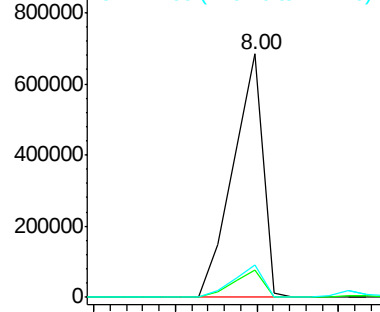
#31
Naphthalene
Concen: 49.68 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

Tgt Ion:128 Resp: 874082
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 13.3 10.9 16.3

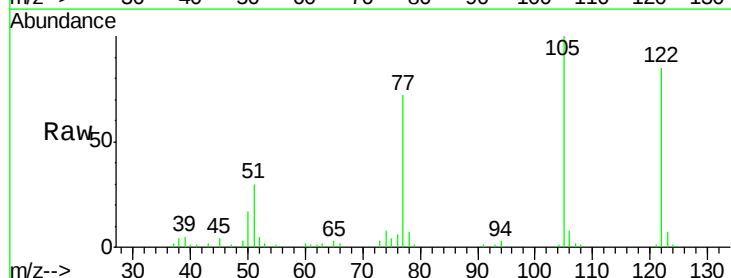


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

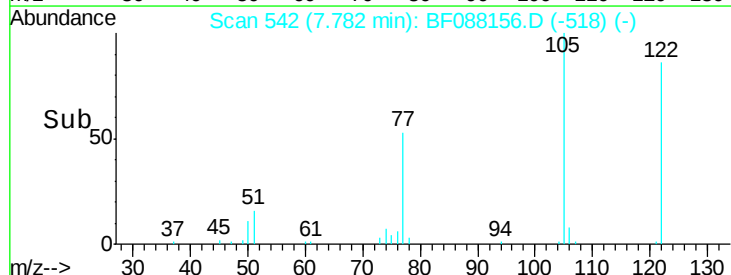
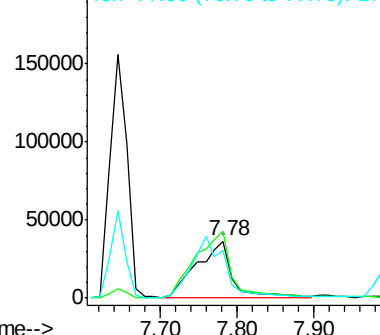


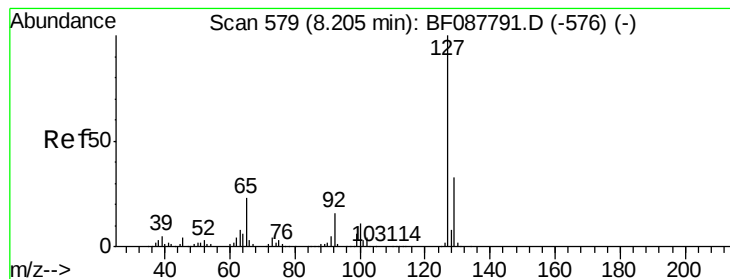
#32
Benzoic acid
Concen: 35.56 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion:122 Resp: 113897
Ion Ratio Lower Upper
122 100
105 117.3 101.6 141.6
77 84.5 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: 4.11 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMSD

Tgt Ion:127 Resp: 32271

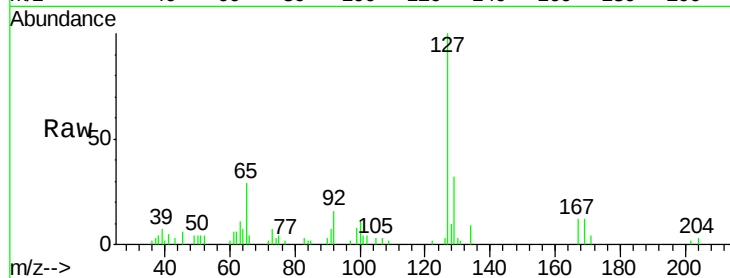
Ion Ratio Lower Upper

127 100

129 32.1 26.3 39.5

65 28.7 24.7 37.1

92 16.4 15.4 23.0

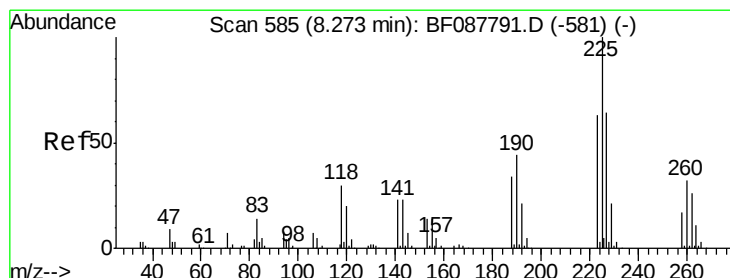
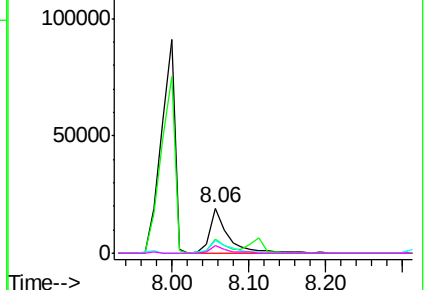
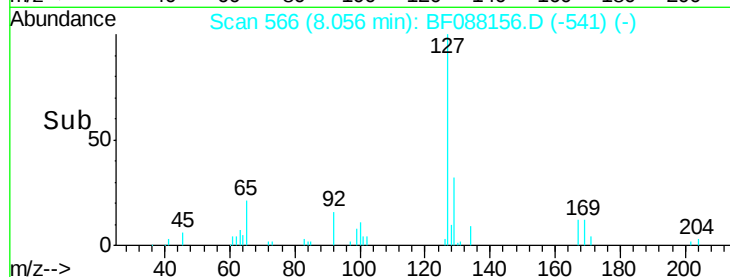


Abundance Ion 127.00 (126.70 to 127.70): E

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: 44.32 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

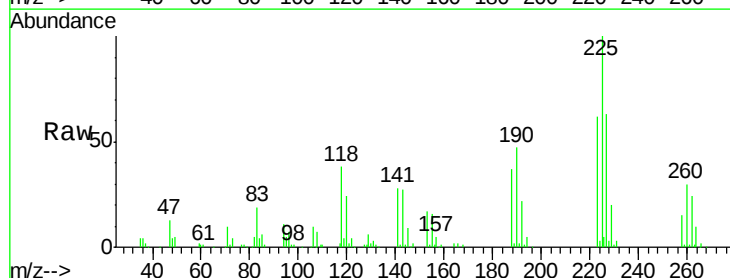
Tgt Ion:225 Resp: 123611

Ion Ratio Lower Upper

225 100

223 62.2 50.9 76.3

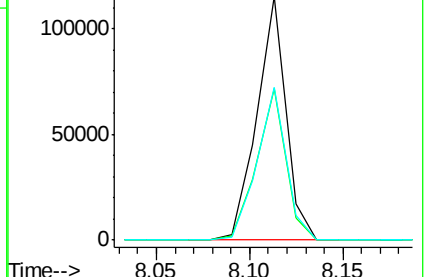
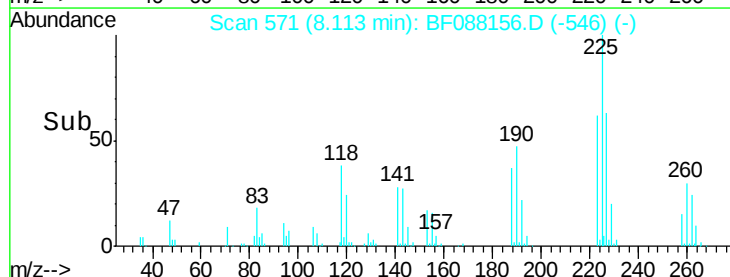
227 62.8 51.9 77.9

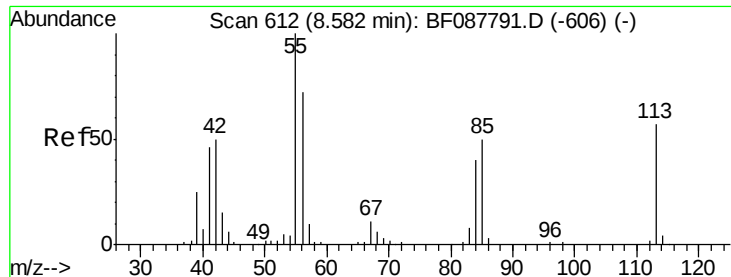


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

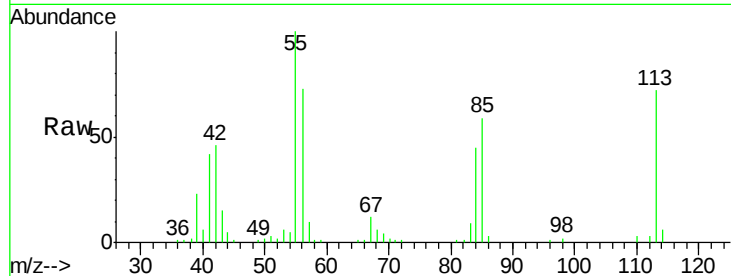




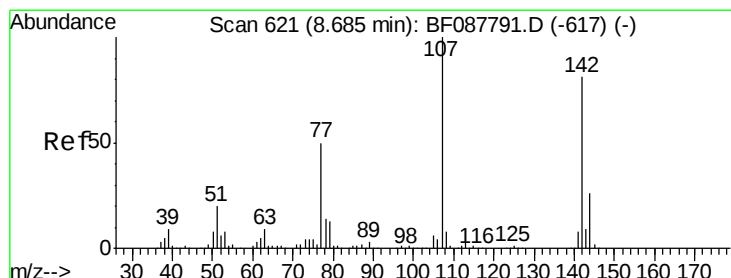
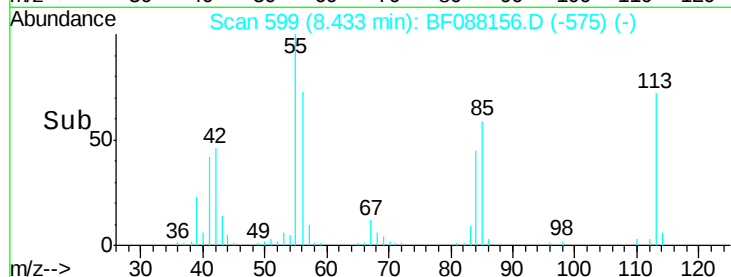
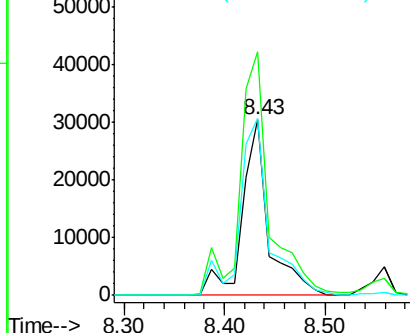
#35
 Caprolactam
 Concen: 34.11 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.02 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMSD

Tgt Ion:113 Resp: 54867
 Ion Ratio Lower Upper
 113 100
 55 139.0 158.6 198.6#
 56 101.1 110.6 150.6#

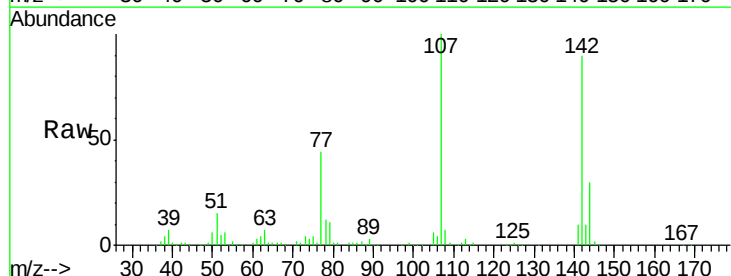


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

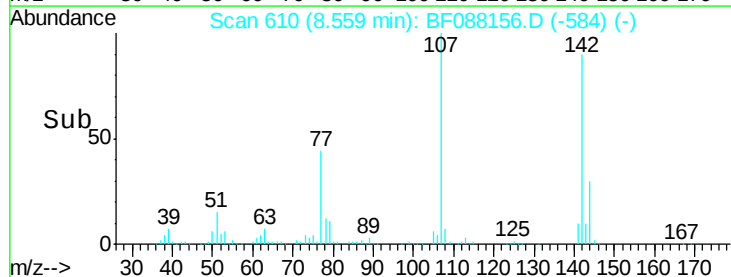
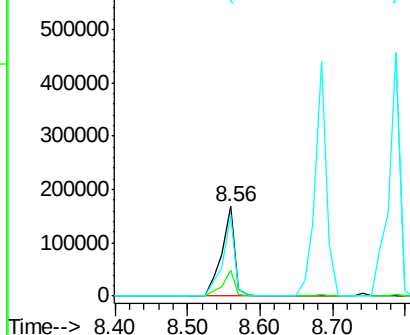


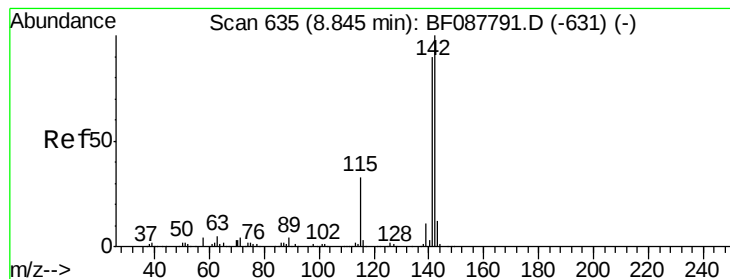
#36
 4-Chloro-3-methylphenol
 Concen: 40.25 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Tgt Ion:107 Resp: 209075
 Ion Ratio Lower Upper
 107 100
 144 29.6 20.8 31.2
 142 90.4 63.4 95.2



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





#37

2-Methylnaphthalene

Concen: 42.03 ng

RT: 8.79 min Scan# 630

Delta R.T. 0.09 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMSD

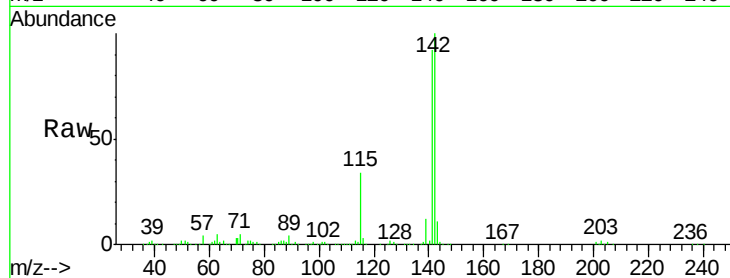
Tgt Ion:142 Resp: 487461

Ion Ratio Lower Upper

142 100

141 92.1 71.0 106.6

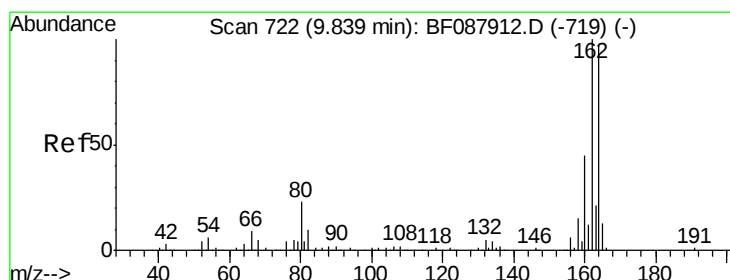
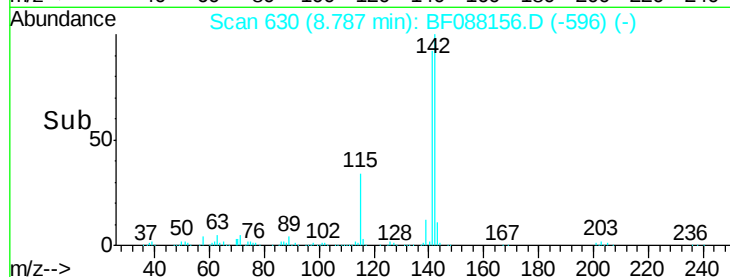
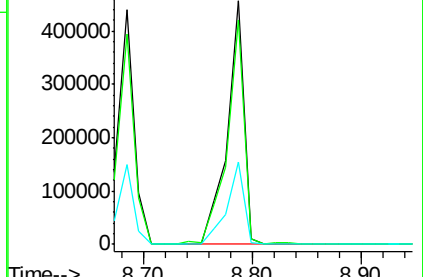
115 33.7 22.6 33.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

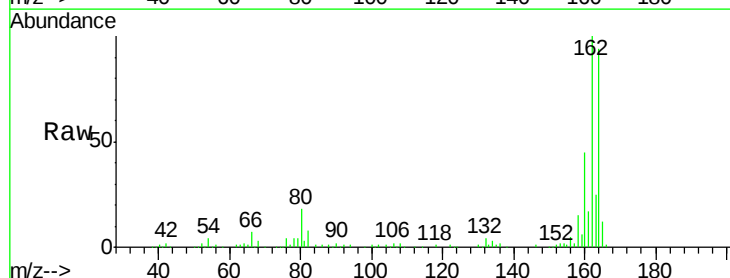
Tgt Ion:164 Resp: 140104

Ion Ratio Lower Upper

164 100

162 106.2 85.4 128.2

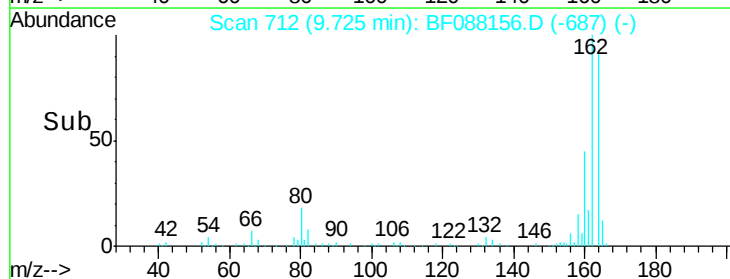
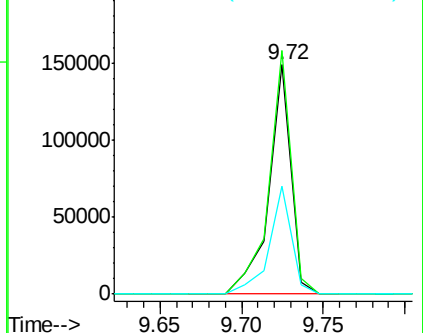
160 47.3 39.5 59.3

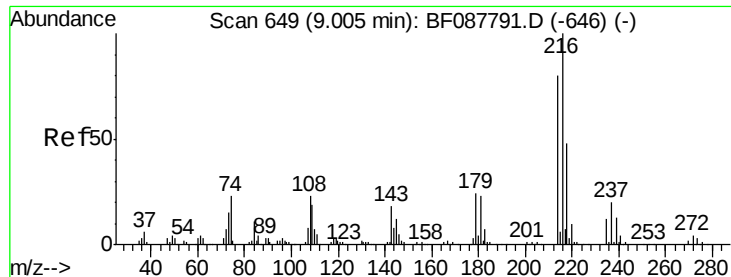


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 70.76 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMSD

Tgt Ion:216 Resp: 208727

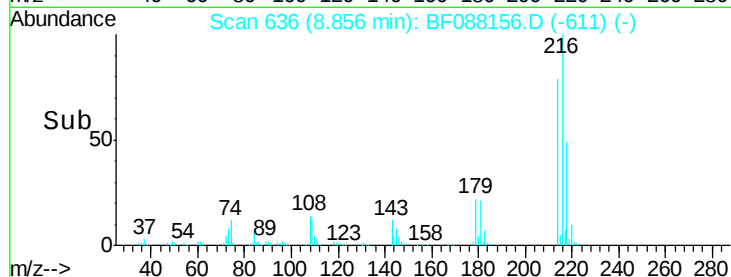
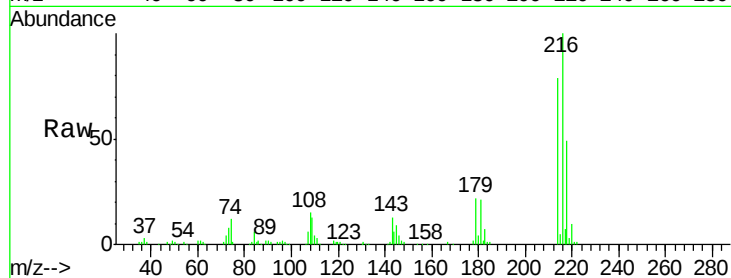
Ion Ratio Lower Upper

216 100

214 79.9 2.9 4.3#

179 22.8 0.0 0.0#

108 18.7 0.5 0.7#



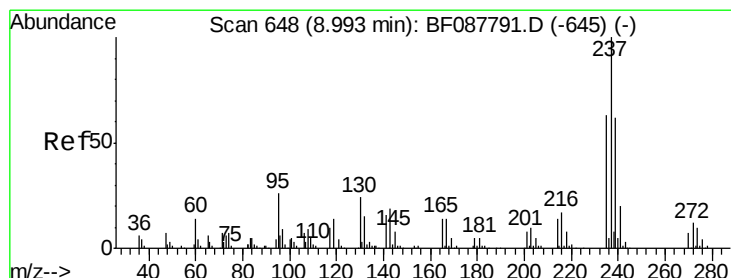
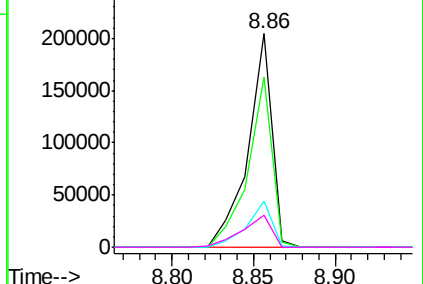
Abundance Ion 216.00 (215.70 to 216.70): E

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

Time-->



#40

Hexachlorocyclopentadiene

Concen: 11.10 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

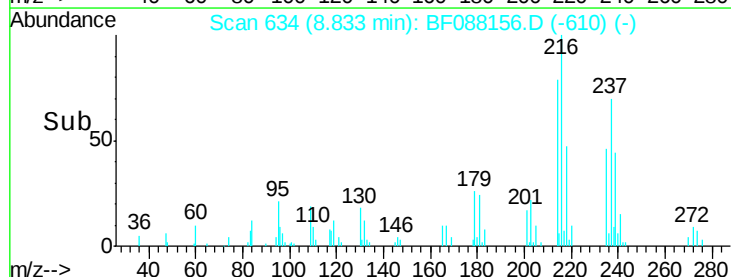
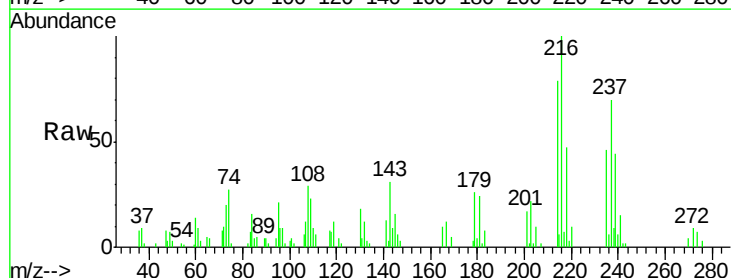
Tgt Ion:237 Resp: 25086

Ion Ratio Lower Upper

237 100

235 65.4 43.4 83.4

272 12.3 0.0 32.3

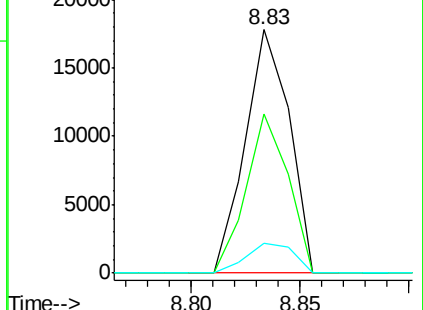


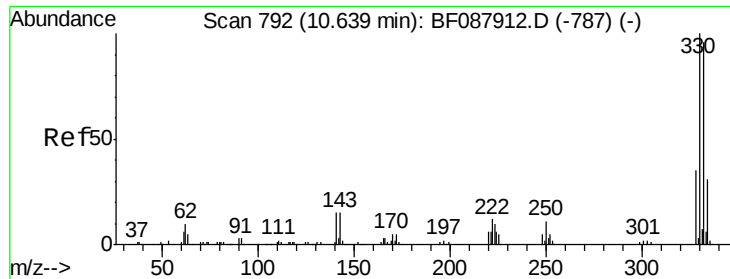
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

Time-->

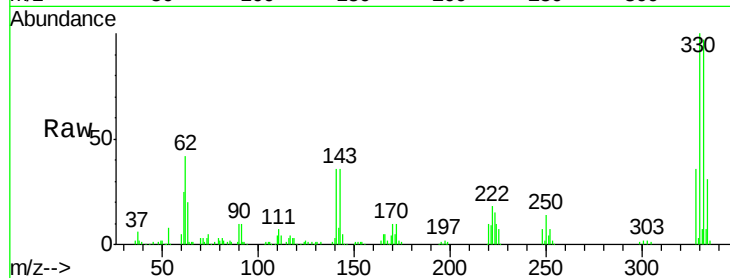




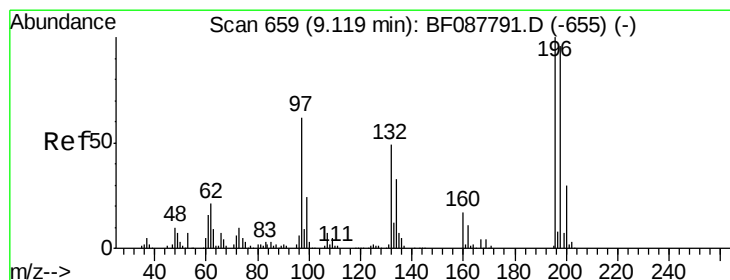
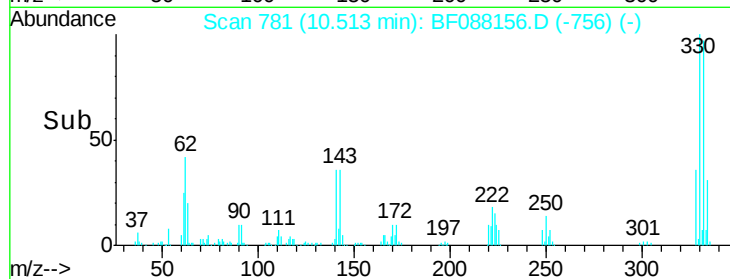
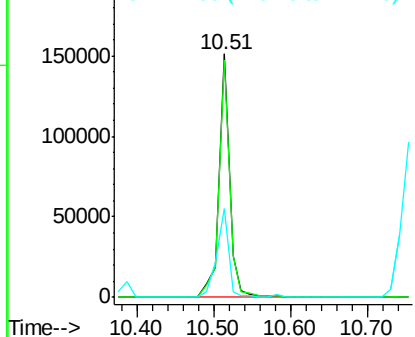
#41
 2,4,6-Tribromophenol
 Concen: 99.70 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	40.7	0.0	0.0#

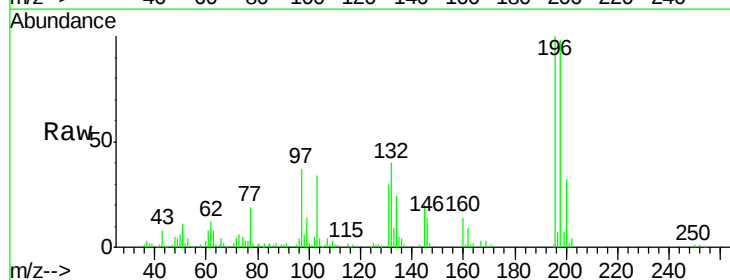


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

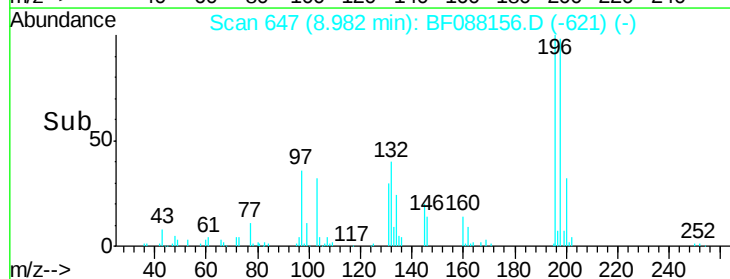
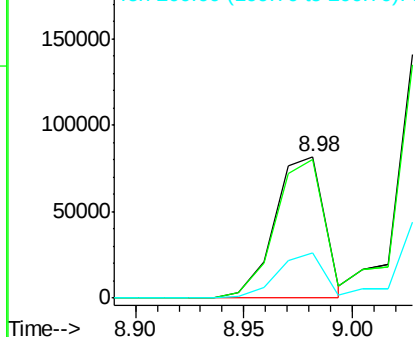


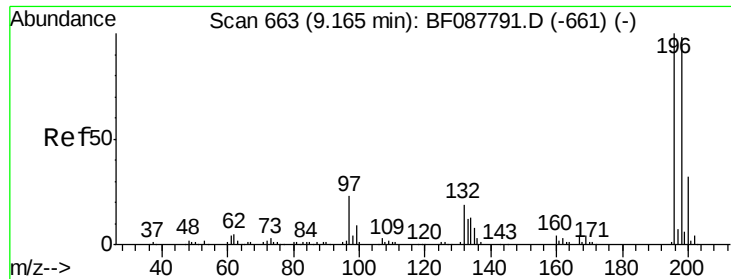
#42
 2,4,6-Trichlorophenol
 Concen: 46.44 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.3	78.0	117.0
200	32.2	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

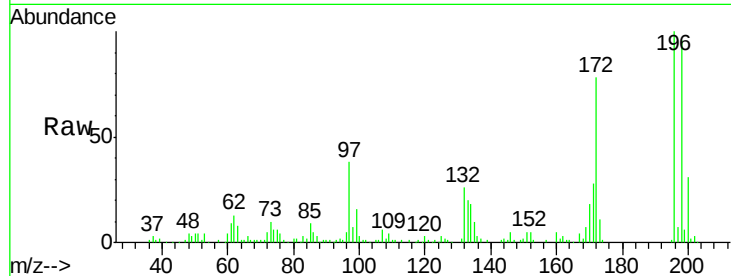




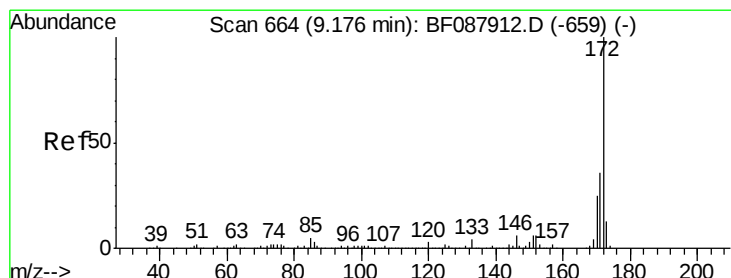
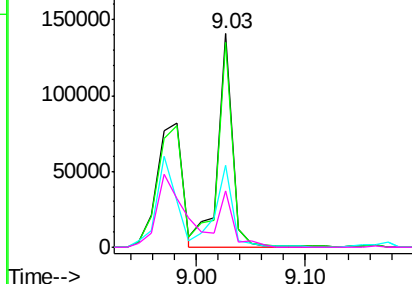
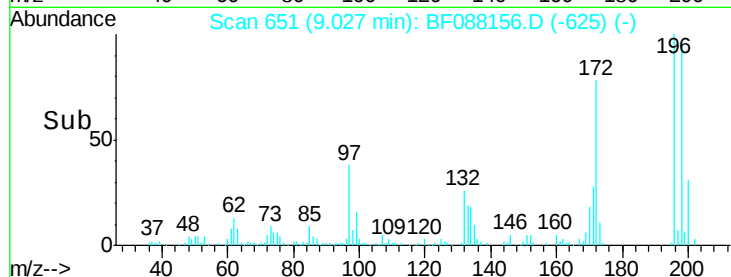
#43
 2,4,5-Trichlorophenol
 Concen: 45.47 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.5	116.3
97	38.3	32.0	48.0
132	26.3	20.9	31.3

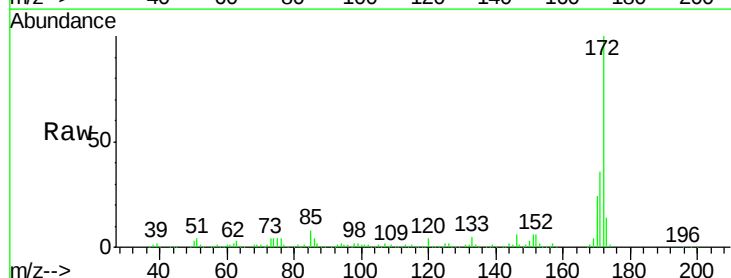


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

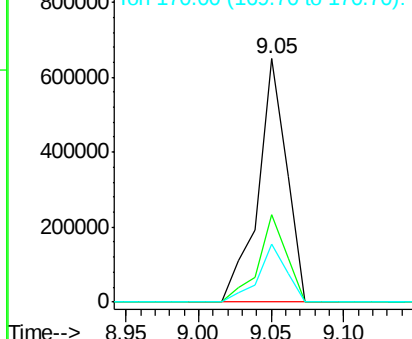
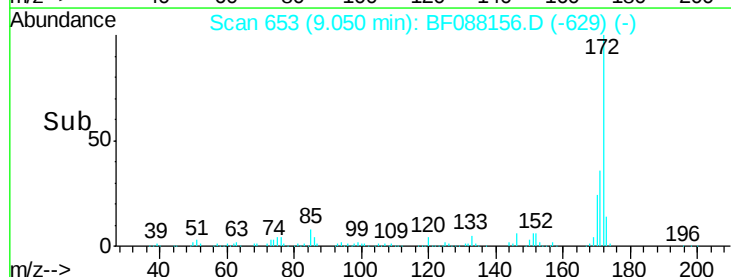


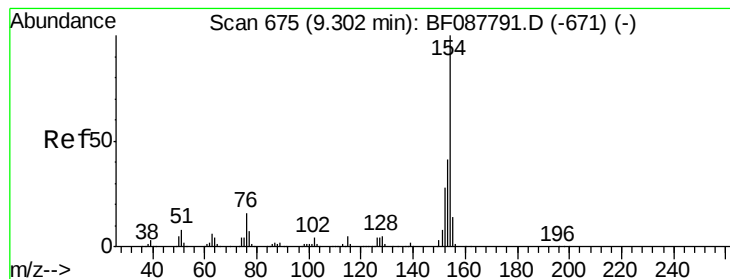
#44
 2-Fluorobiphenyl
 Concen: 100.16 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.9	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: 57.65 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMSD

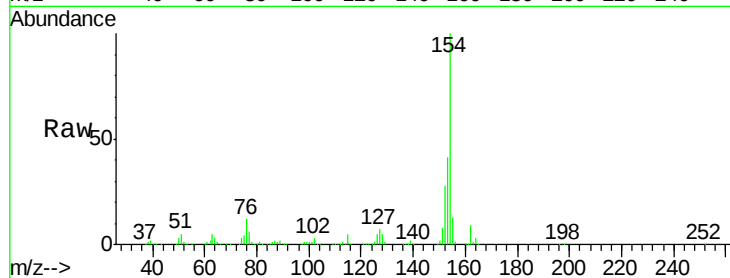
Tgt Ion:154 Resp: 587892

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

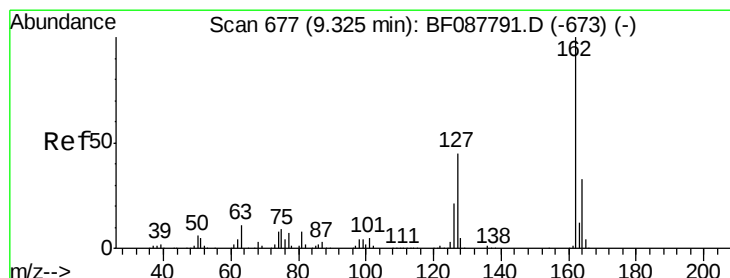
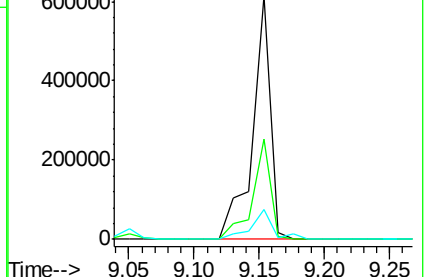
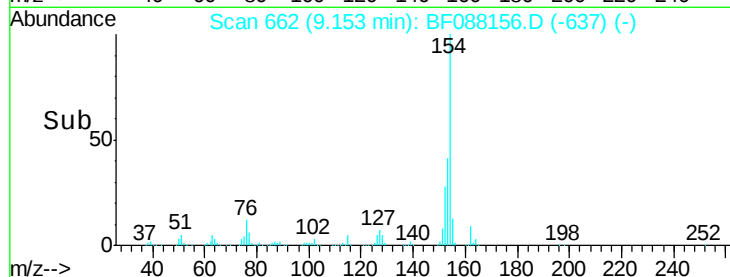
76 12.3 0.0 35.1



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: 48.31 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

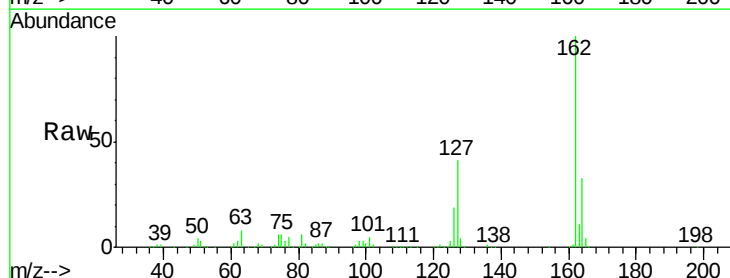
Tgt Ion:162 Resp: 437948

Ion Ratio Lower Upper

162 100

127 40.8 35.2 52.8

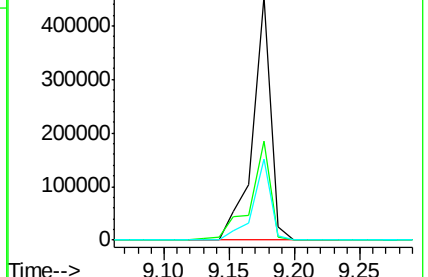
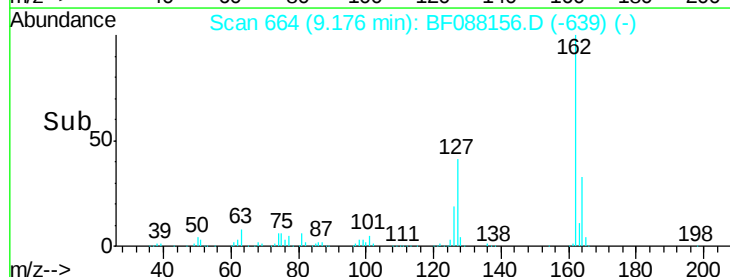
164 33.2 26.6 39.8

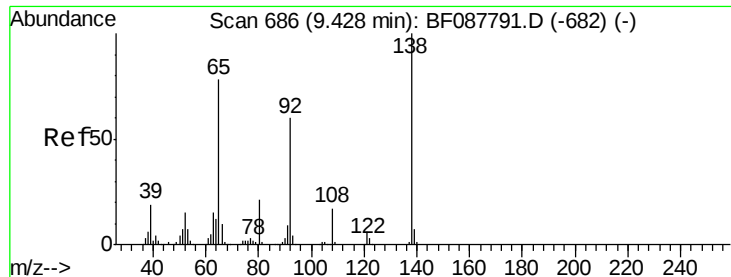


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

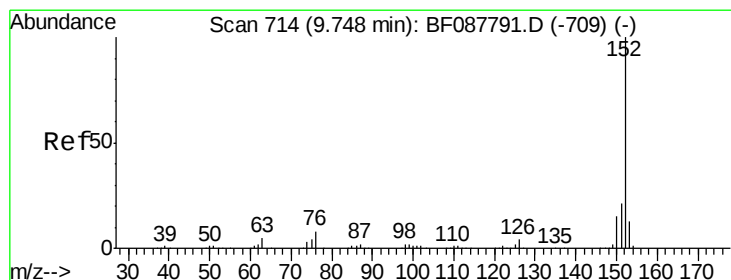
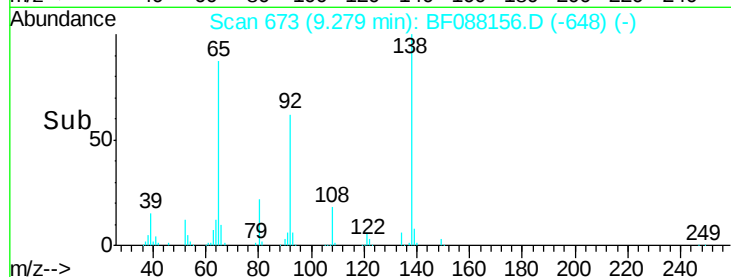
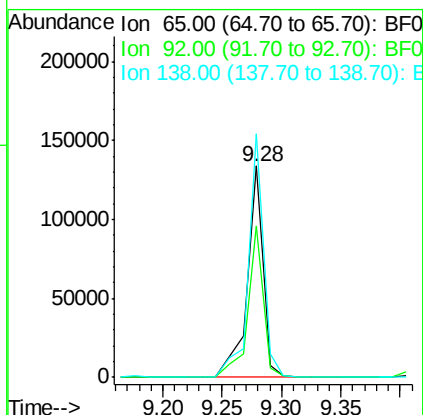
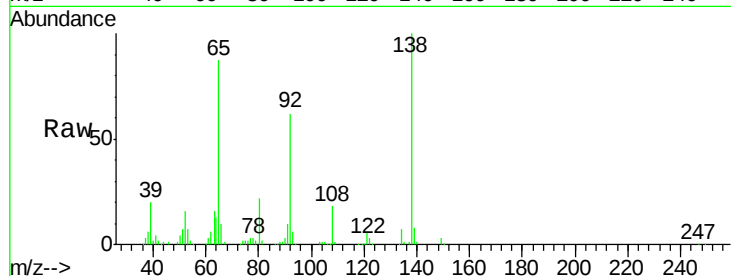




#47
2-Nitroaniline
Concen: 46.89 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

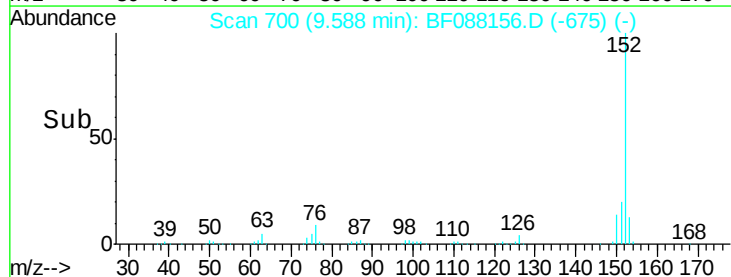
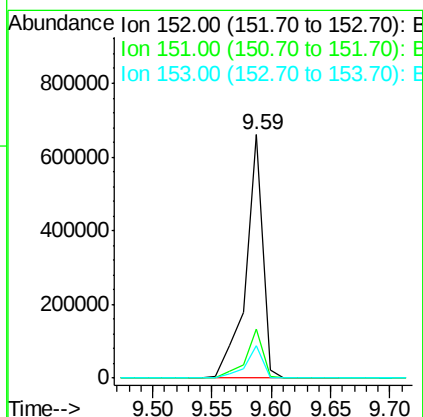
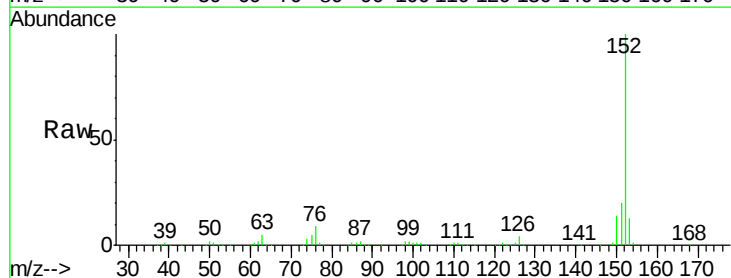
Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

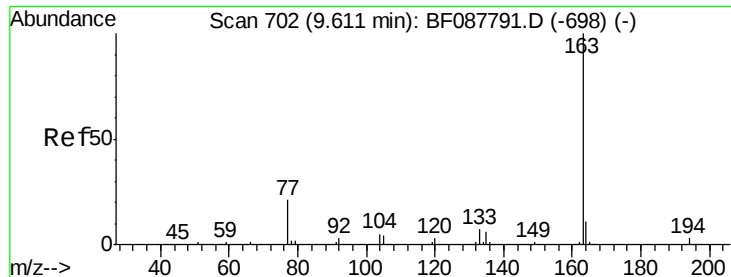
Tgt Ion: 65 Resp: 125404
Ion Ratio Lower Upper
65 100
92 71.6 54.6 82.0
138 115.2 77.0 115.4



#48
Acenaphthylene
Concen: 45.57 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion: 152 Resp: 657112
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.2 11.0 16.6





#49

Dimethylphthalate

Concen: 54.51 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMSD

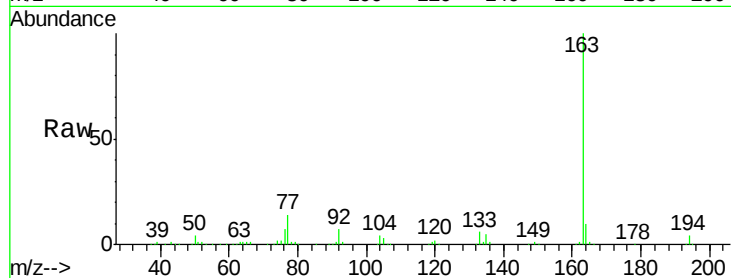
Tgt Ion:163 Resp: 553170

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

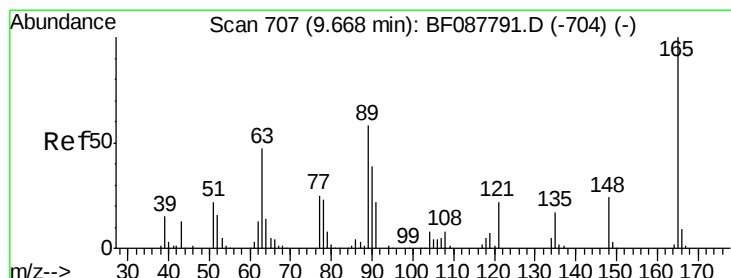
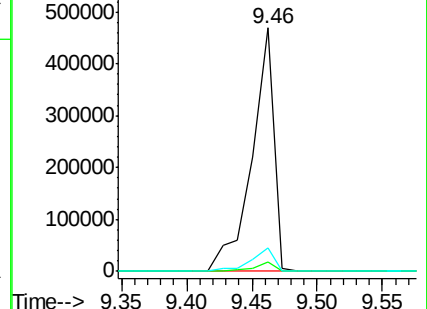
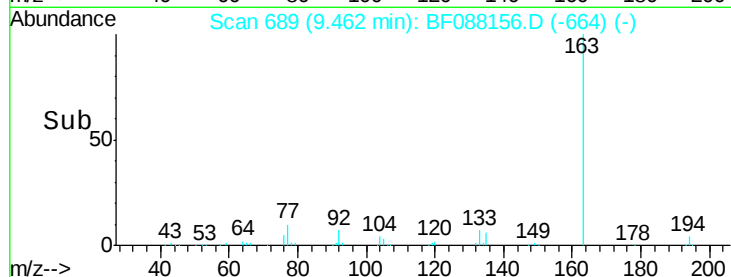
164 9.8 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.10 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

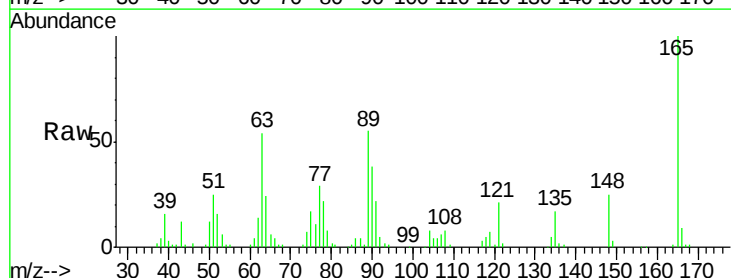
Tgt Ion:165 Resp: 100174

Ion Ratio Lower Upper

165 100

63 53.7 28.1 42.1#

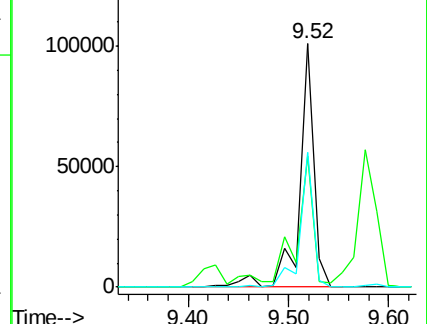
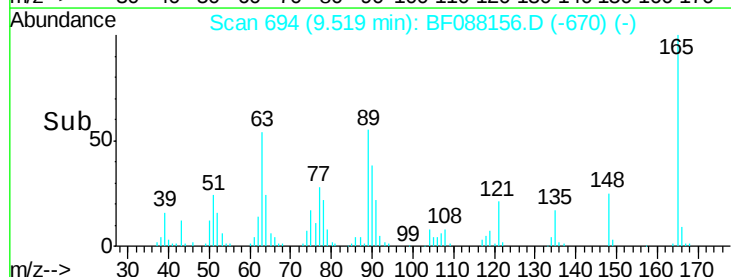
89 55.4 32.2 48.2#

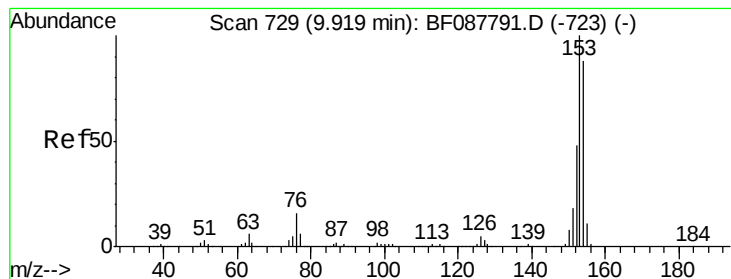


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.13 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMSD

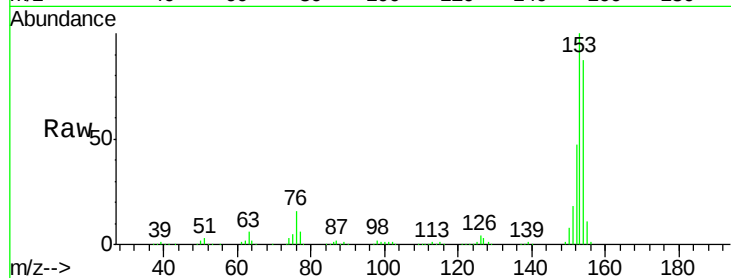
Tgt Ion:154 Resp: 397028

Ion Ratio Lower Upper

154 100

153 114.6 89.5 134.3

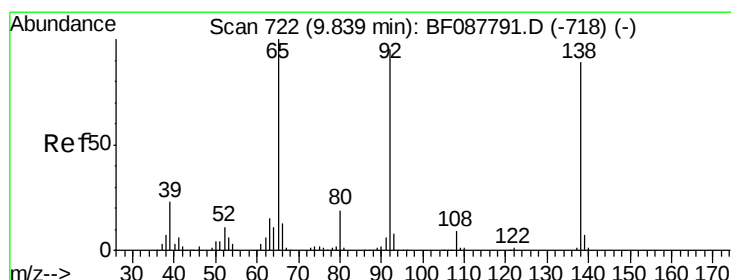
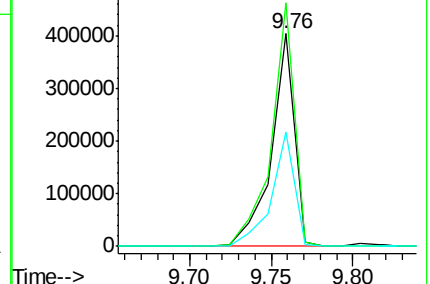
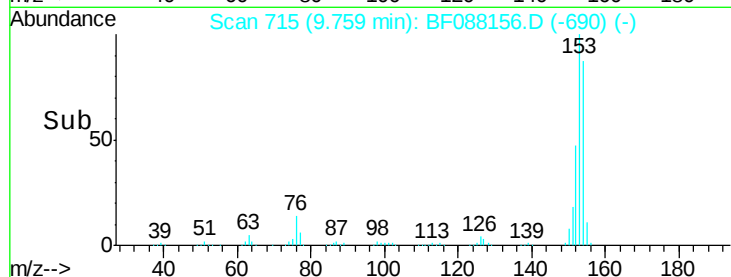
152 54.0 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.58 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

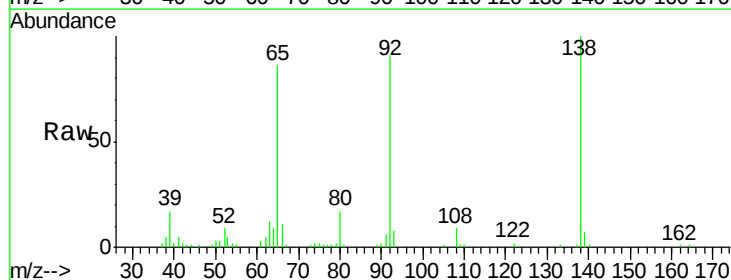
Tgt Ion:138 Resp: 60547

Ion Ratio Lower Upper

138 100

108 9.1 8.5 12.7

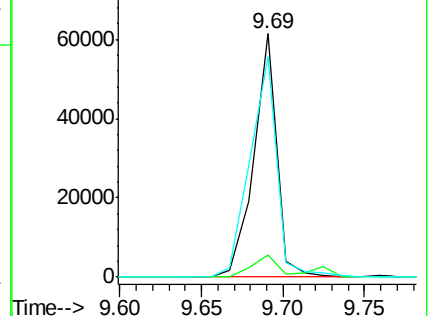
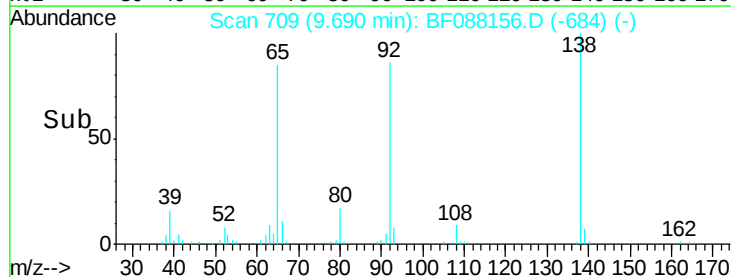
92 90.8 95.7 143.5#

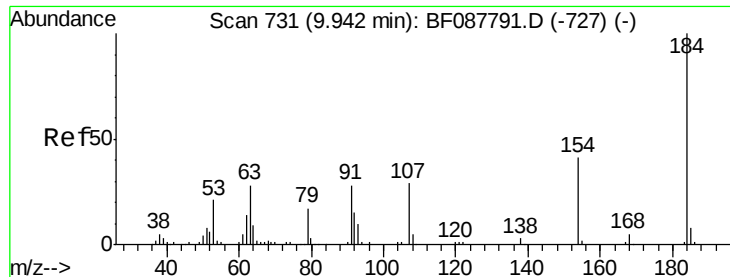


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

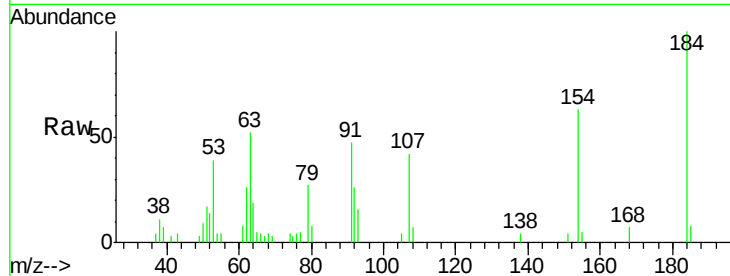




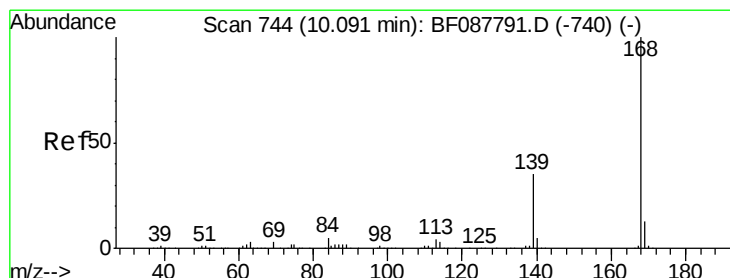
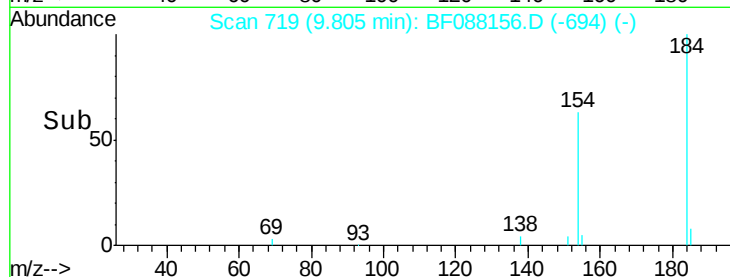
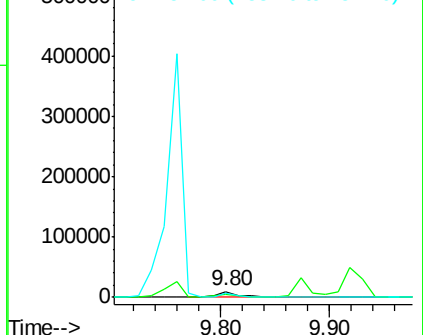
#53
2,4-Dinitrophenol
Concen: 17.22 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

Tgt Ion:184 Resp: 15472
Ion Ratio Lower Upper
184 100
63 51.8 57.6 86.4#
154 63.4 53.5 80.3

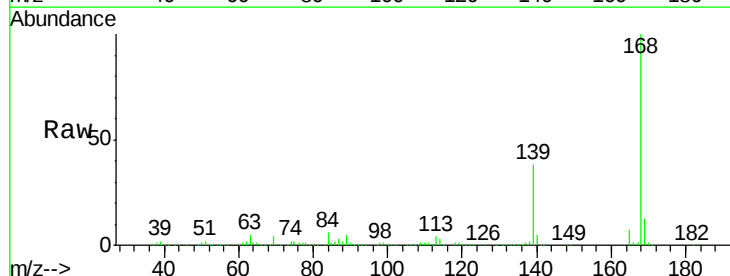


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

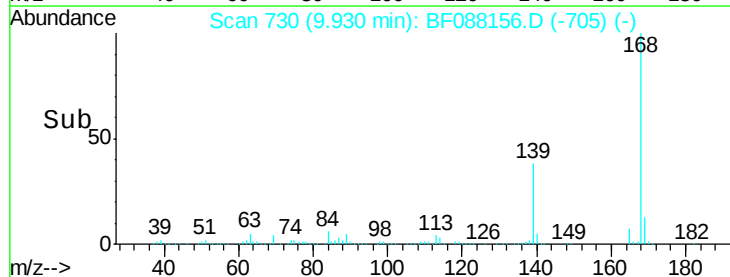
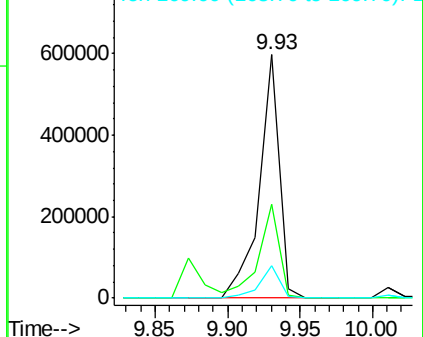


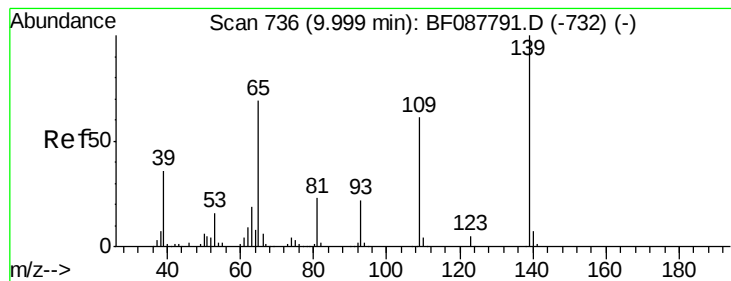
#54
Dibenzofuran
Concen: 46.18 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion:168 Resp: 572108
Ion Ratio Lower Upper
168 100
139 38.3 26.4 39.6
169 13.2 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: 48.45 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMSD

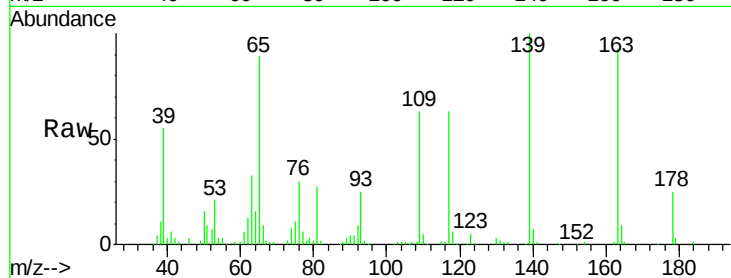
Tgt Ion:139 Resp: 100856

Ion Ratio Lower Upper

139 100

109 62.7 48.9 88.9

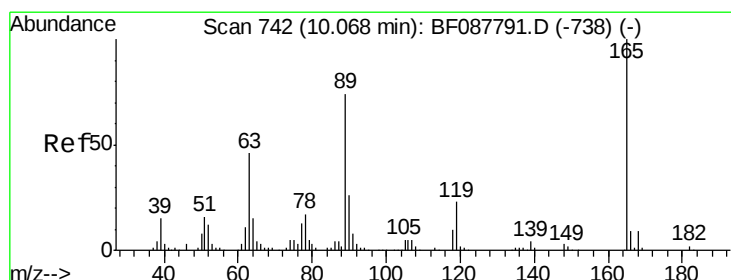
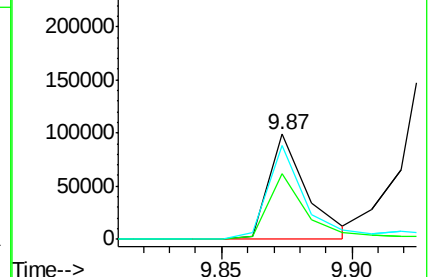
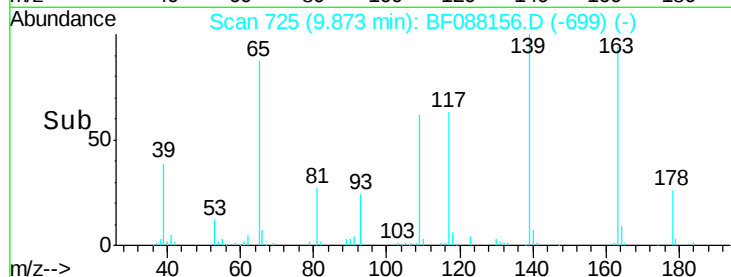
65 89.1 84.9 124.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 32.66 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Tgt Ion:165 Resp: 97545

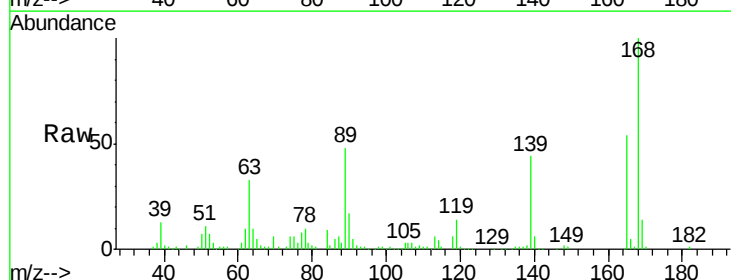
Ion Ratio Lower Upper

165 100

63 62.1 22.0 33.0#

89 88.8 41.1 61.7#

182 2.1 2.0 3.0

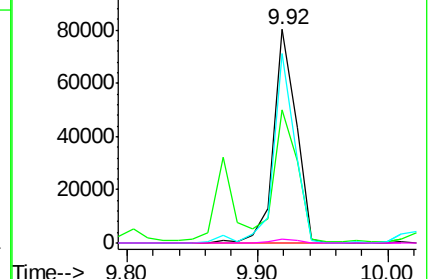
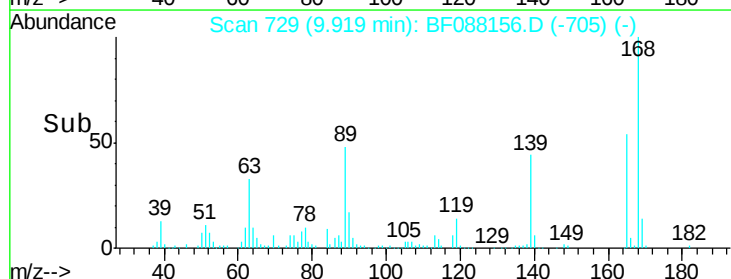


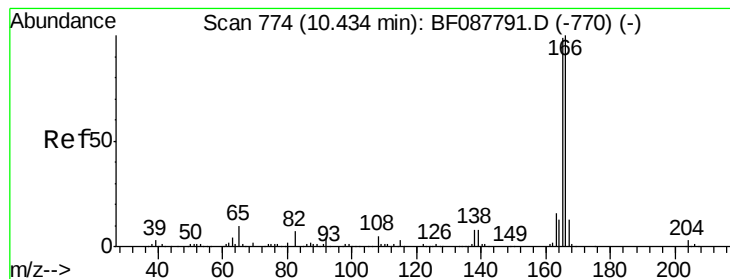
Abundance Ion 165.00 (164.70 to 165.70): E

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: 54.80 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMSD

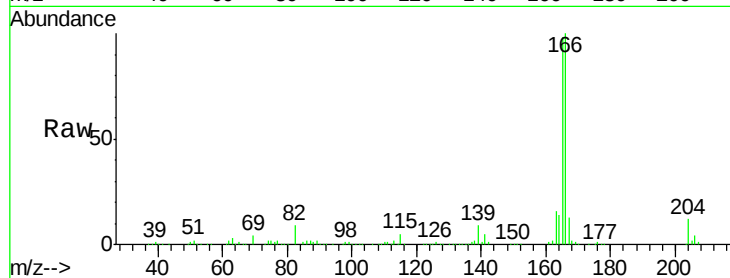
Tgt Ion:166 Resp: 449992

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

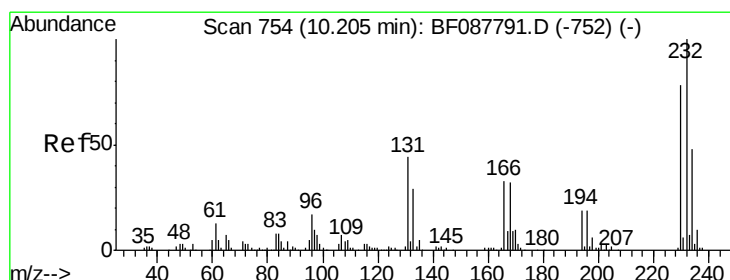
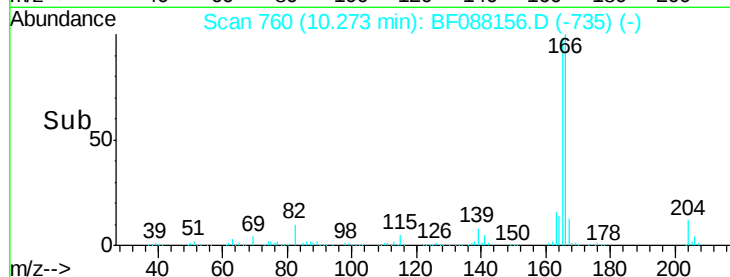
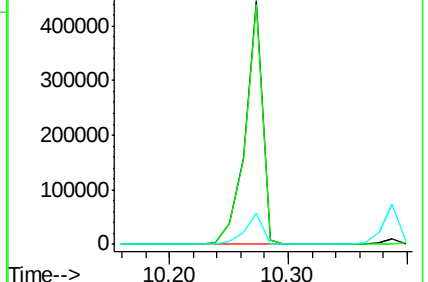
167 13.0 11.2 16.8



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: 43.14 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Tgt Ion:232 Resp: 98817

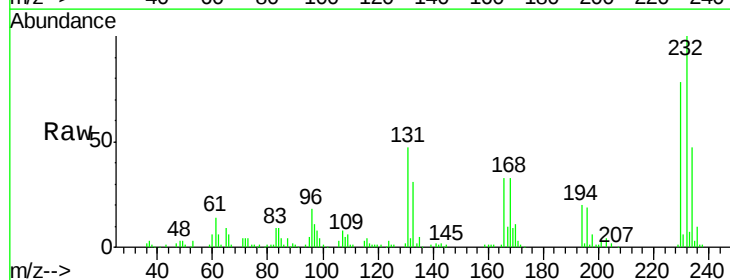
Ion Ratio Lower Upper

232 100

131 47.3 0.9 1.3#

130 0.0 1.5 2.3#

166 30.2 0.5 0.7#

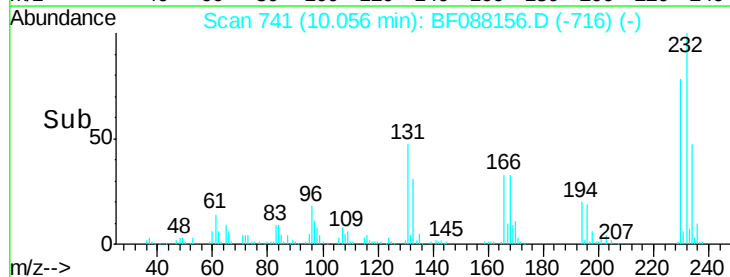
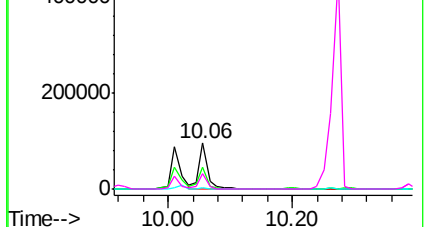


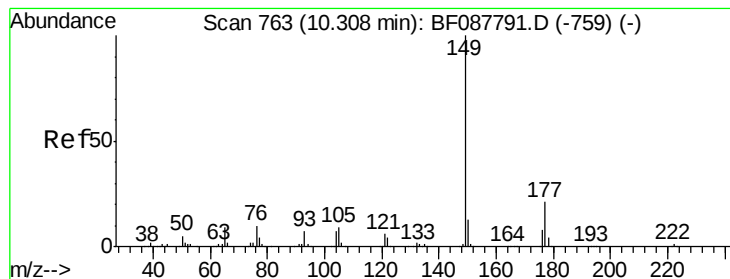
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 50.36 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMSD

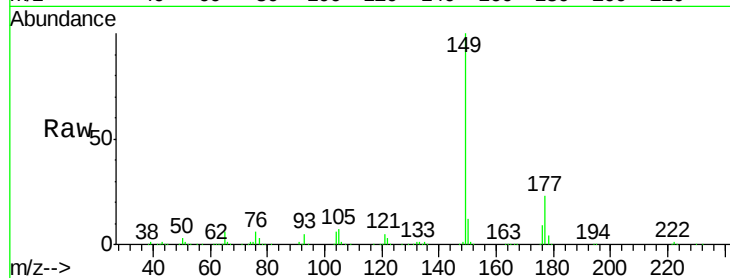
Tgt Ion:149 Resp: 517387

Ion Ratio Lower Upper

149 100

177 22.9 16.9 25.3

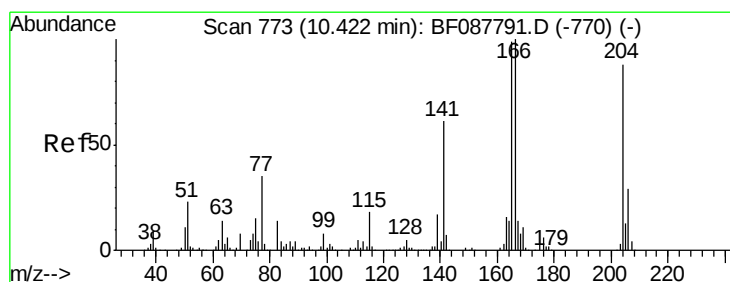
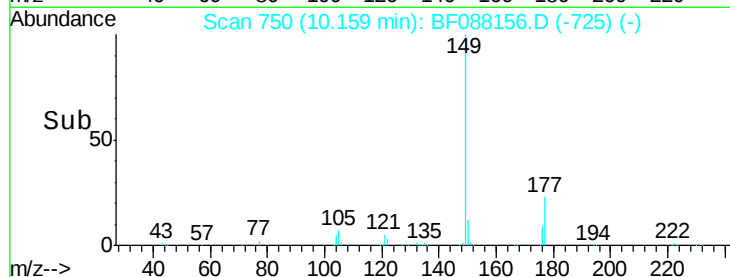
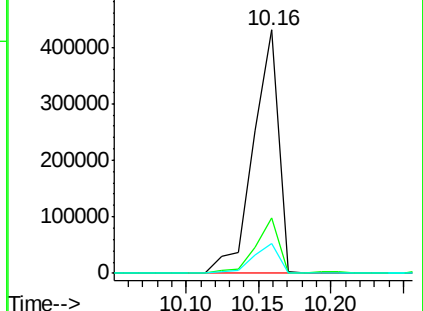
150 12.2 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.26 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

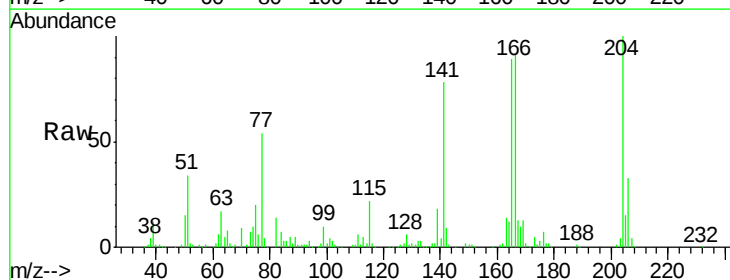
Tgt Ion:204 Resp: 174101

Ion Ratio Lower Upper

204 100

206 32.8 26.3 39.5

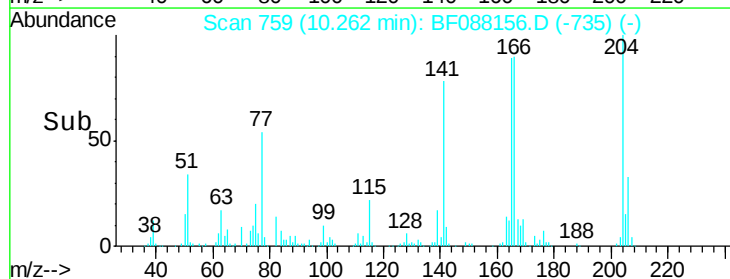
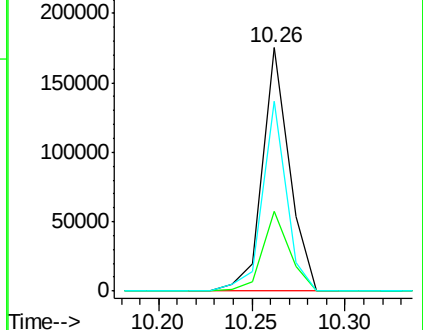
141 78.0 55.0 82.6

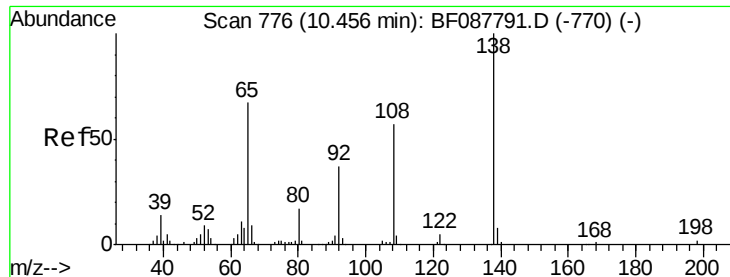


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

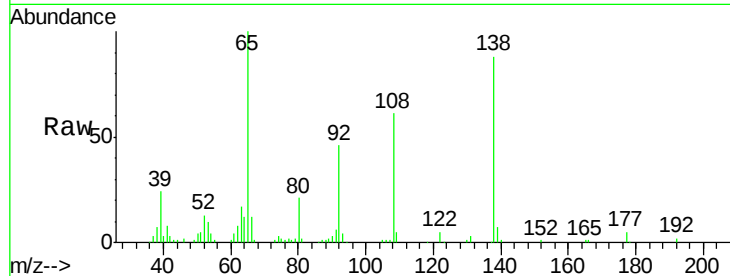




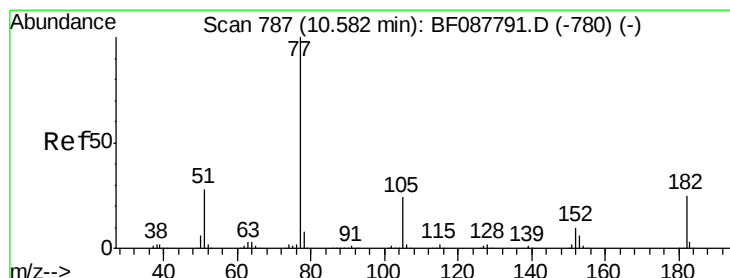
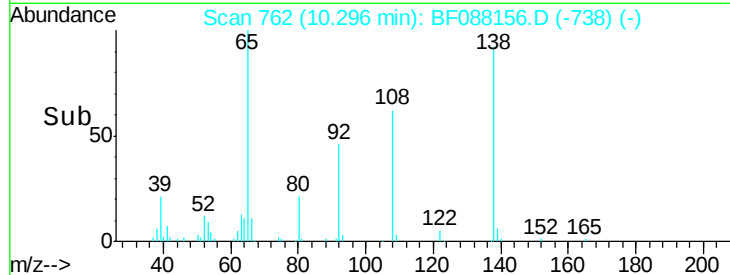
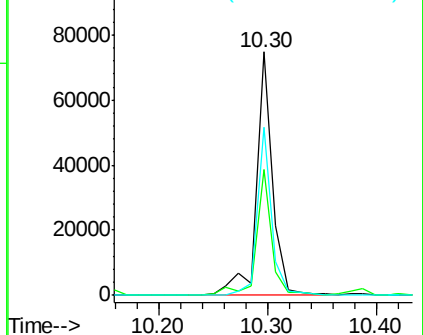
#61
4-Nitroaniline
Concen: 30.74 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

Tgt Ion:138 Resp: 78204
Ion Ratio Lower Upper
138 100
92 51.7 27.3 67.3
108 69.1 46.7 86.7

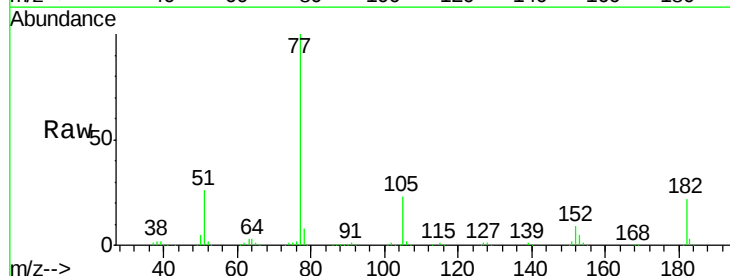


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

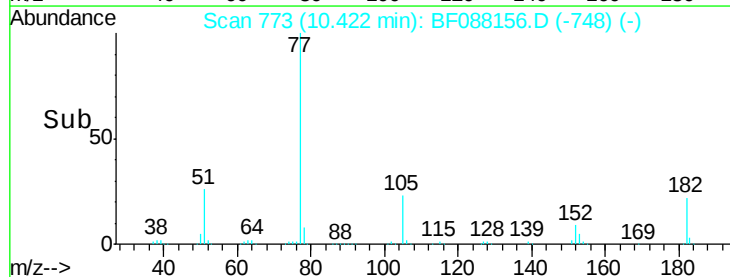
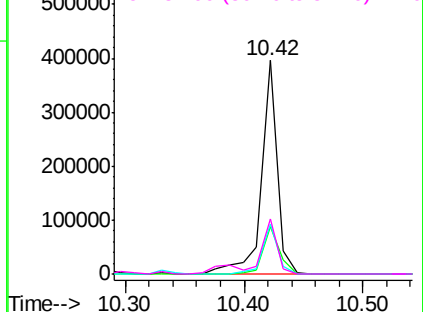


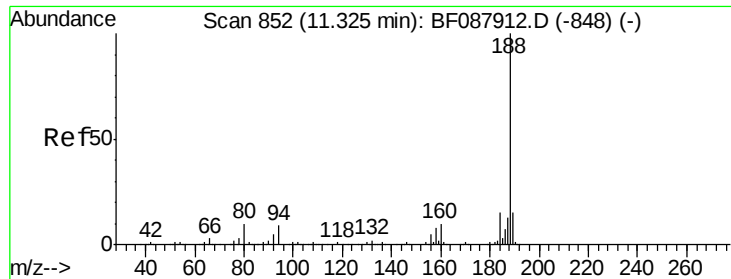
#62
Azobenzene
Concen: 36.16 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion: 77 Resp: 367372
Ion Ratio Lower Upper
77 100
182 22.3 4.4 44.4
105 23.3 3.8 43.8
51 26.0 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

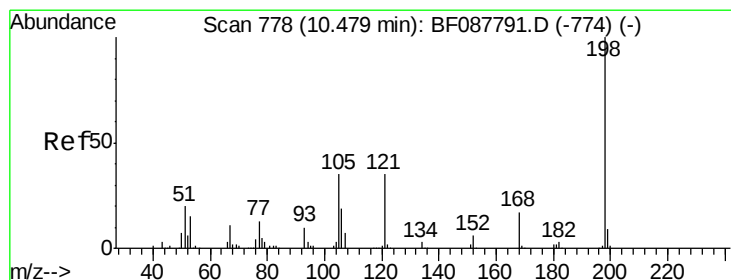
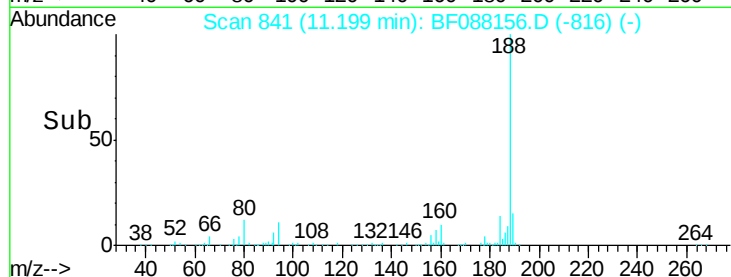
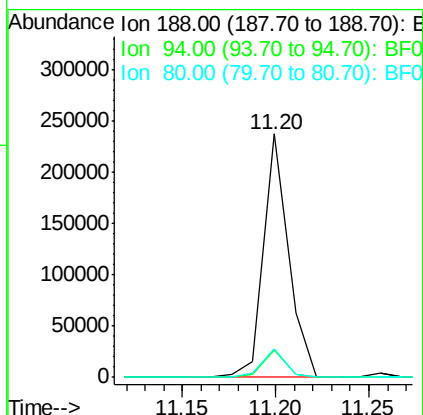
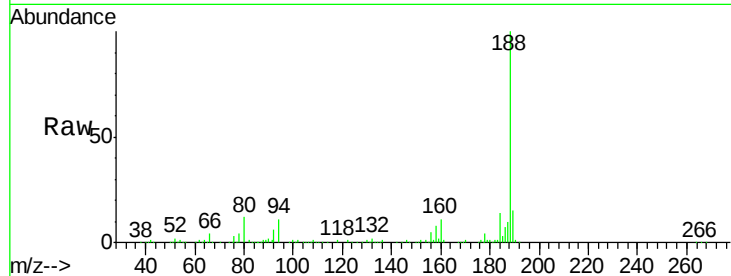




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

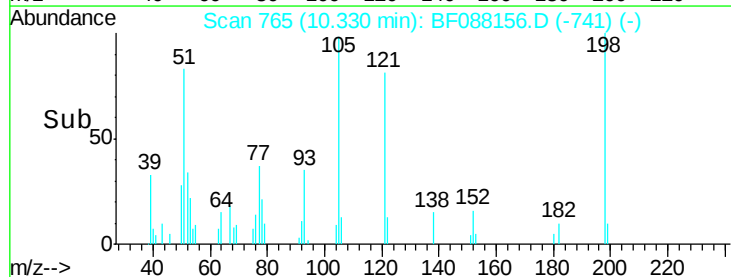
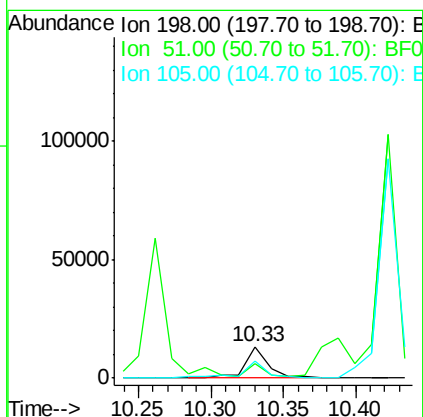
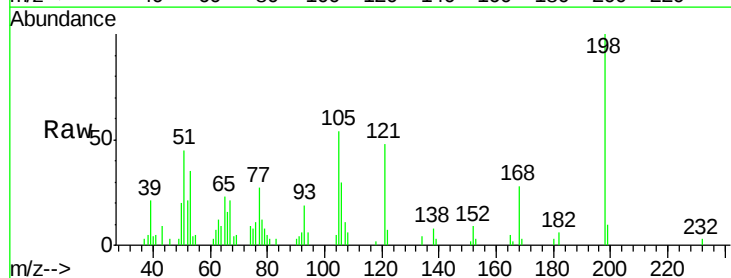
Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

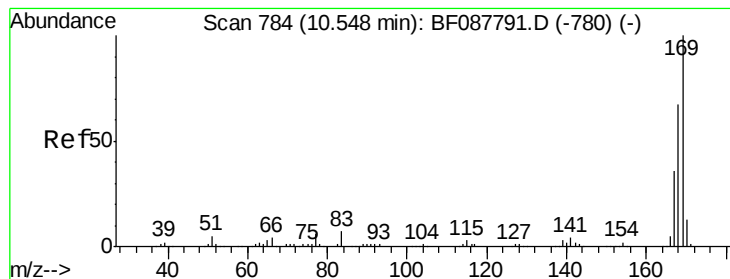
Tgt Ion:188 Resp: 219689
Ion Ratio Lower Upper
188 100
94 11.1 9.0 13.6
80 12.0 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 12.16 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion:198 Resp: 14353
Ion Ratio Lower Upper
198 100
51 45.5 39.6 79.6
105 54.2 36.6 76.6





#65

n-Nitrosodiphenylamine

Concen: 27.03 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMSD

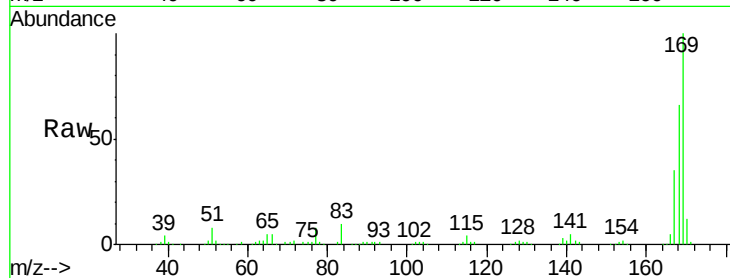
Tgt Ion:169 Resp: 197064

Ion Ratio Lower Upper

169 100

168 66.5 53.4 80.0

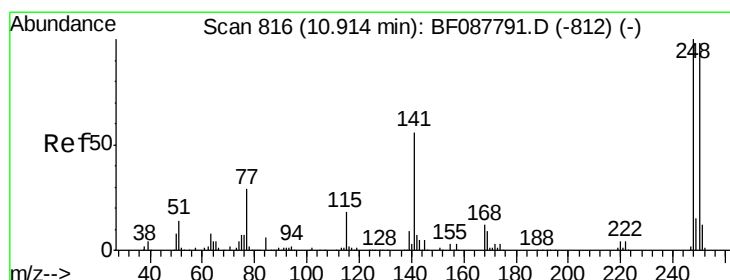
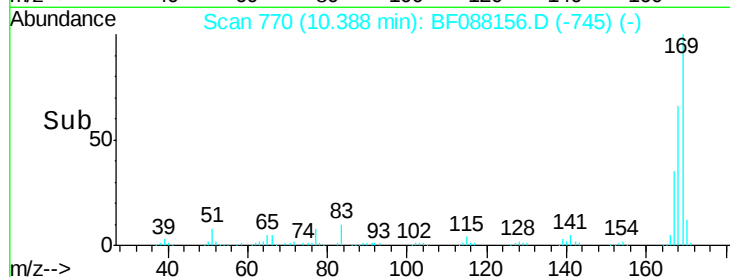
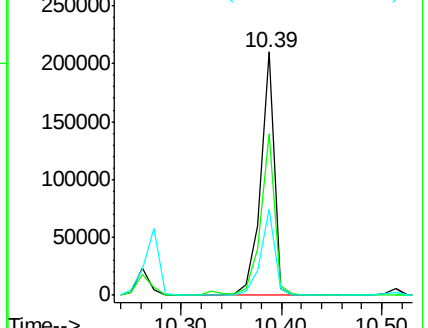
167 35.4 29.4 44.0



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: 51.98 ng

RT: 10.75 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

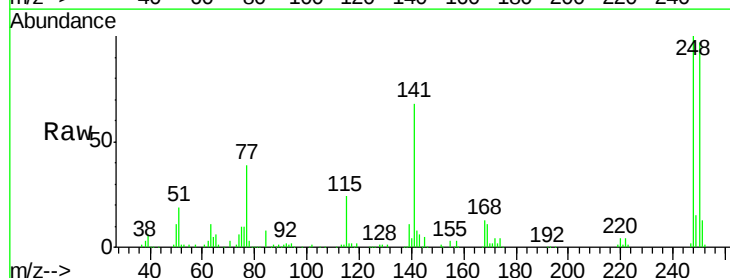
Tgt Ion:248 Resp: 122503

Ion Ratio Lower Upper

248 100

250 97.1 77.1 115.7

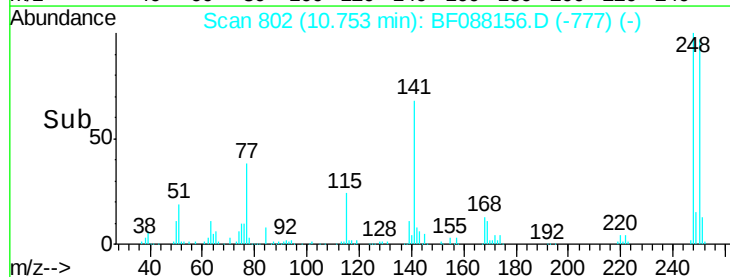
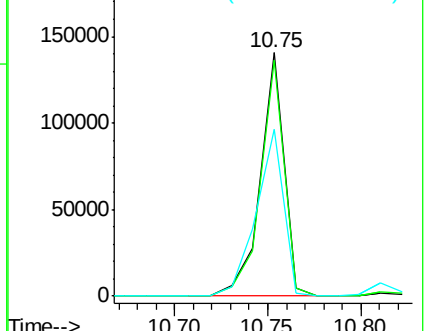
141 68.4 50.6 76.0

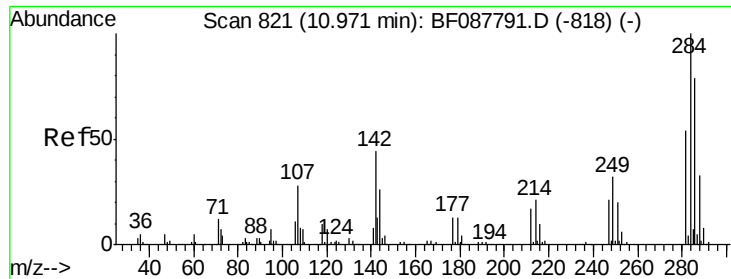


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

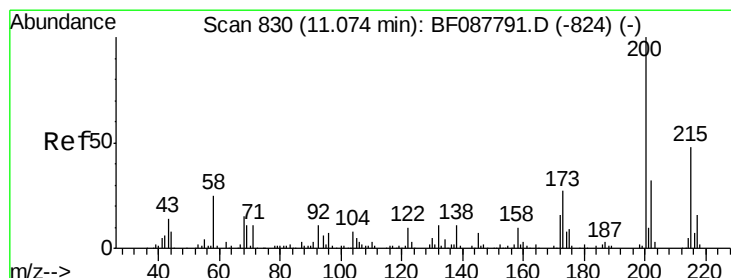
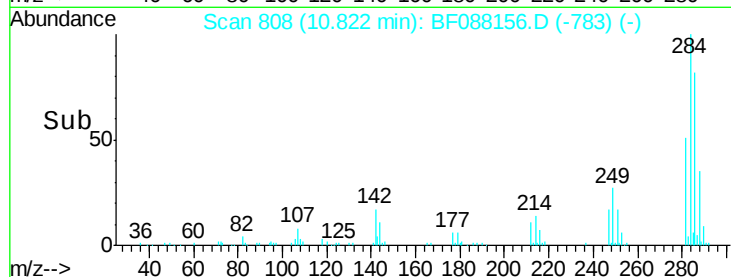
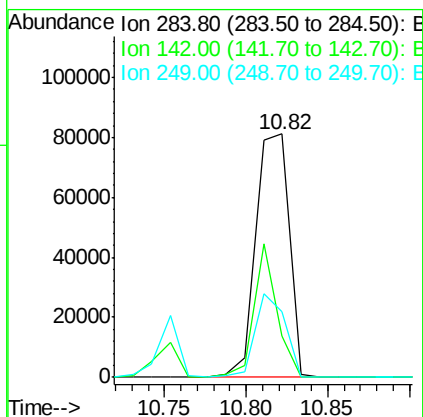
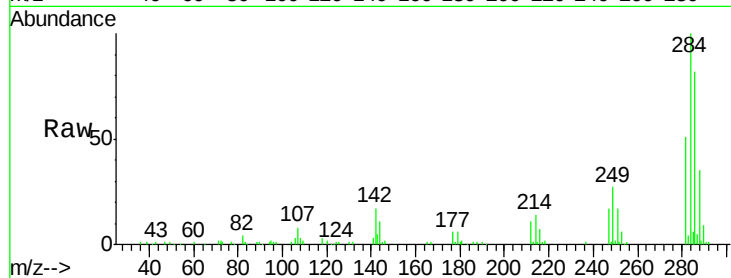




#67
Hexachlorobenzene
Concen: 47.26 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

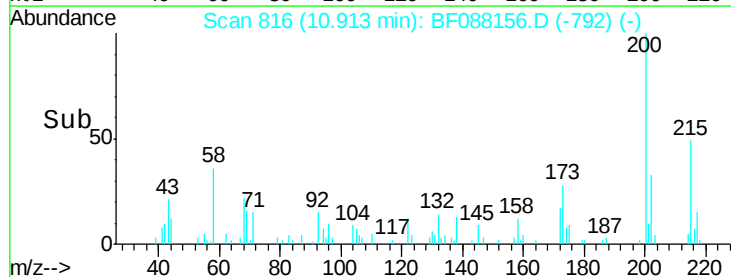
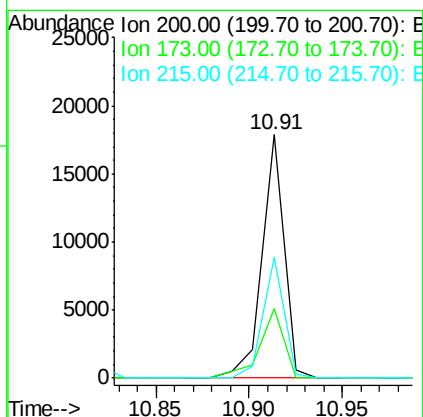
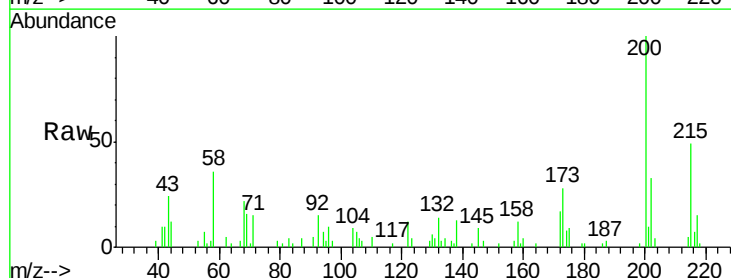
Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

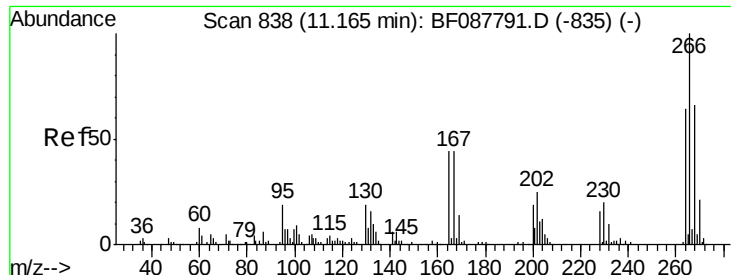
Tgt Ion:284 Resp: 115733
Ion Ratio Lower Upper
284 100
142 17.0 35.8 53.8#
249 27.1 25.8 38.6



#68
Atrazine
Concen: 6.54 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion:200 Resp: 14432
Ion Ratio Lower Upper
200 100
173 28.4 4.0 44.0
215 49.4 29.3 69.3

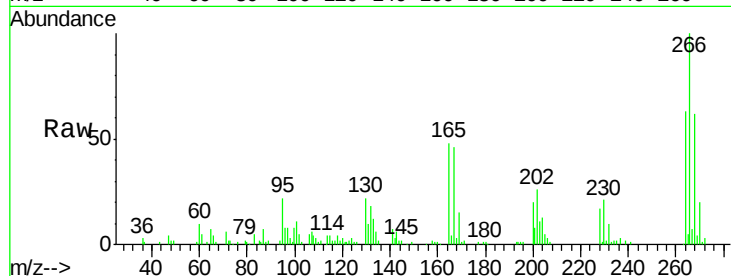




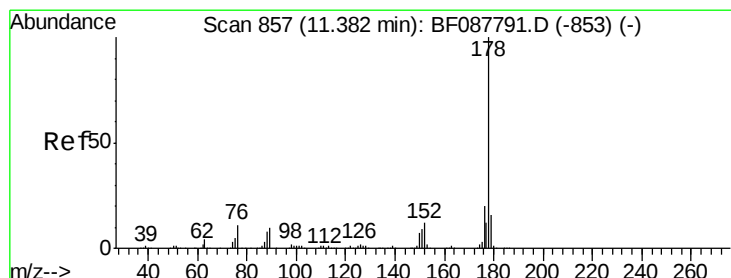
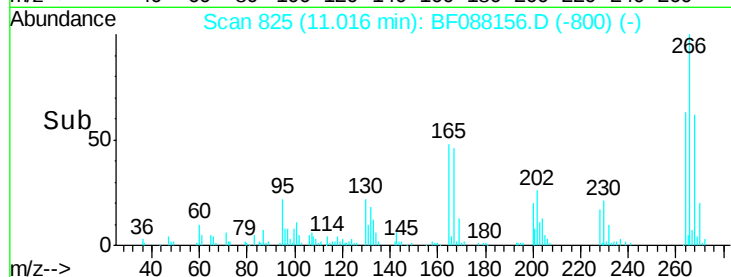
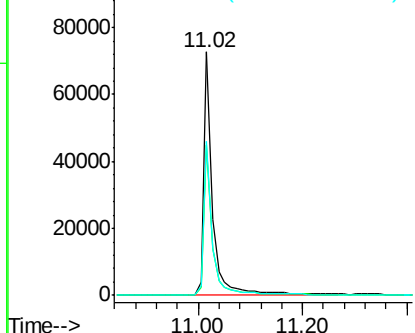
#69
 Pentachlorophenol
 Concen: 68.16 ng
 RT: 11.02 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMSD

Tgt Ion:266 Resp: 87981
 Ion Ratio Lower Upper
 266 100
 268 61.7 52.8 79.2
 264 63.3 49.6 74.4

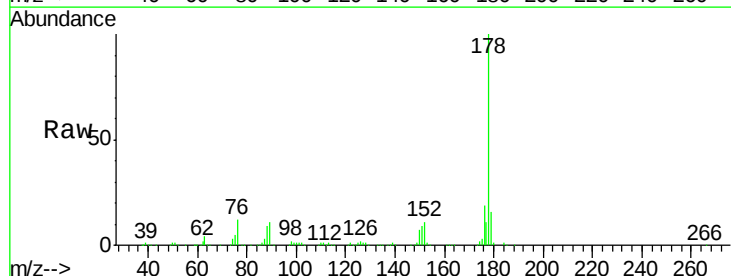


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

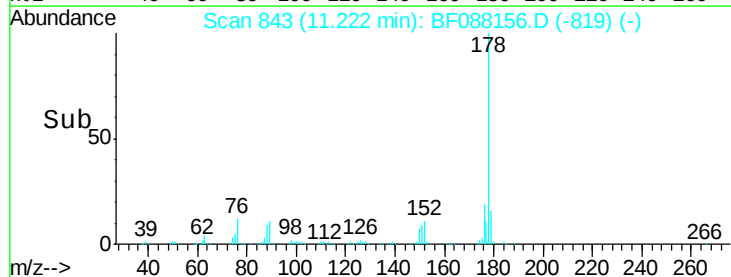
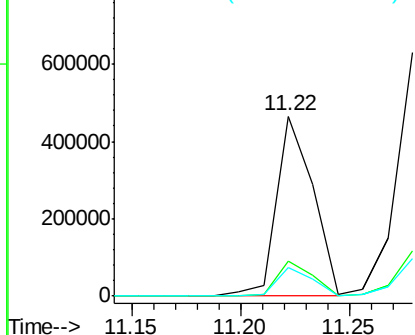


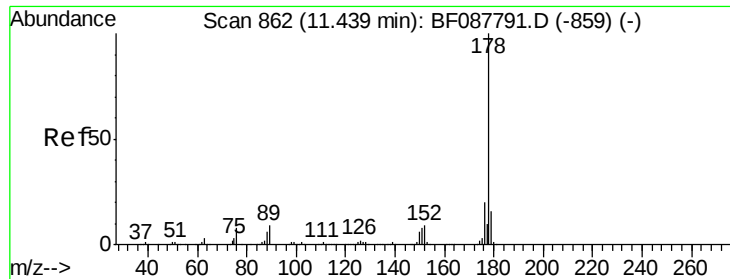
#70
 Phenanthrene
 Concen: 47.46 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Tgt Ion:178 Resp: 547104
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.6
 179 15.8 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

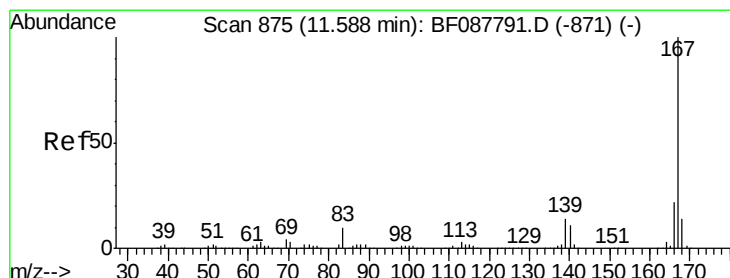
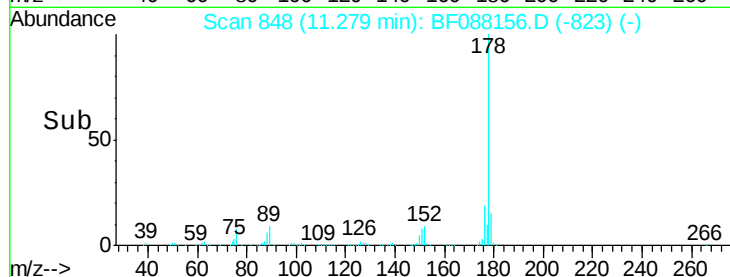
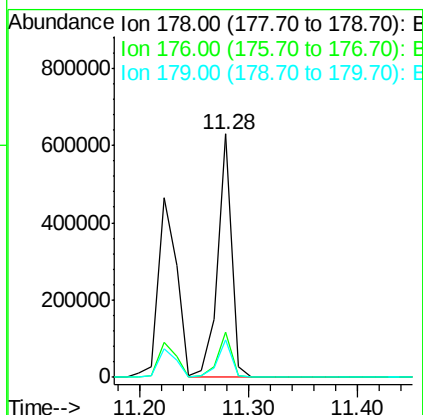
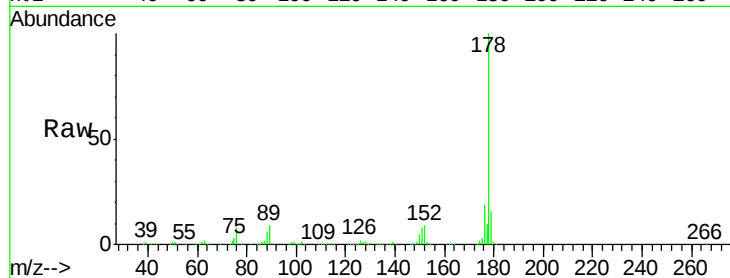




#71
 Anthracene
 Concen: 49.00 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

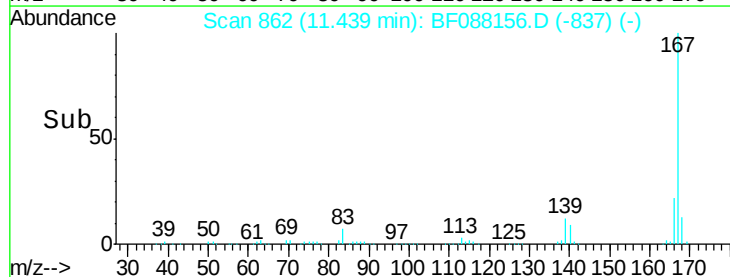
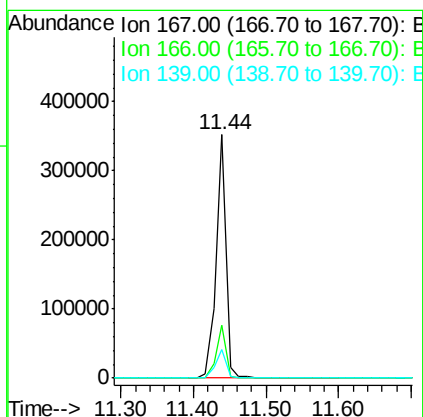
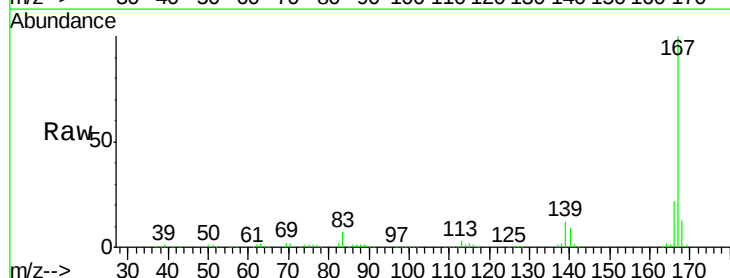
Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMSD

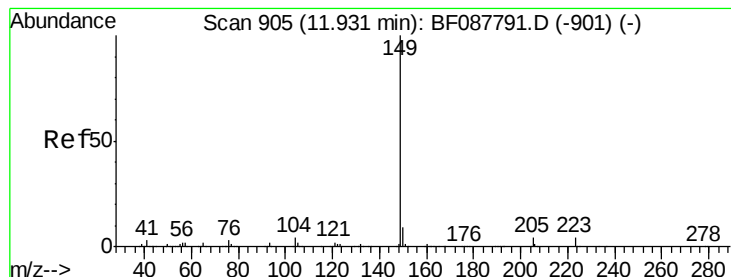
Tgt Ion:178 Resp: 569847
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.6 23.4
 179 15.5 12.8 19.2



#72
 Carbazole
 Concen: 30.56 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Tgt Ion:167 Resp: 332550
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 11.7 11.2 16.8





#73

Di-n-butylphthalate

Concen: 48.86 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMSD

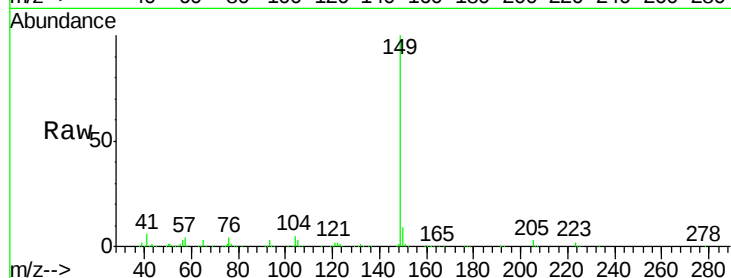
Tgt Ion:149 Resp: 673097

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

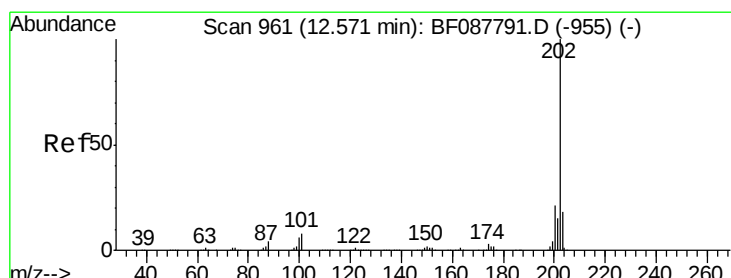
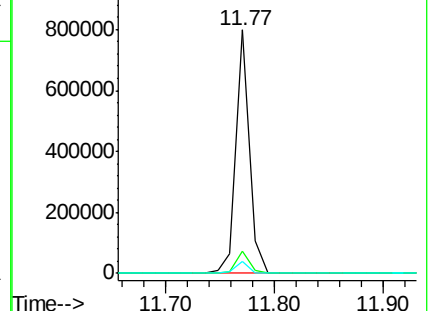
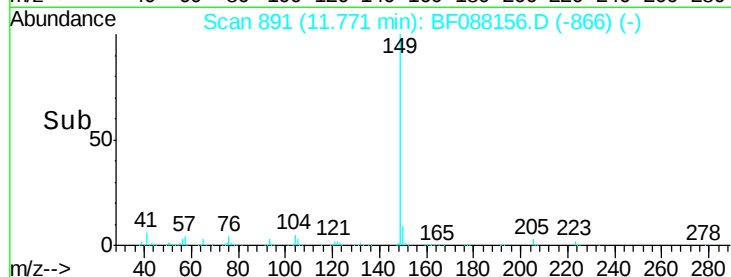
104 4.7 4.0 6.0



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: 46.38 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

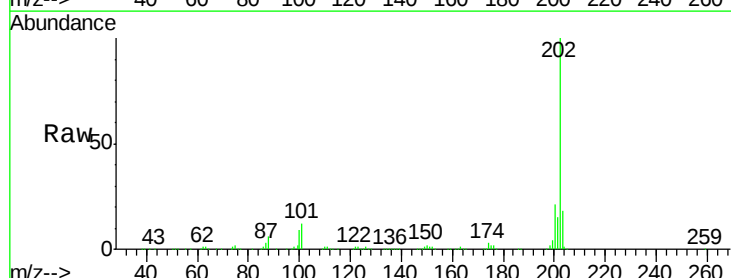
Tgt Ion:202 Resp: 564253

Ion Ratio Lower Upper

202 100

101 12.0 0.0 33.1

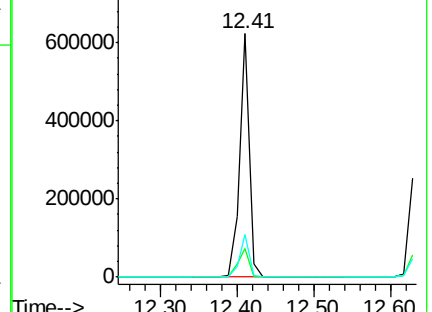
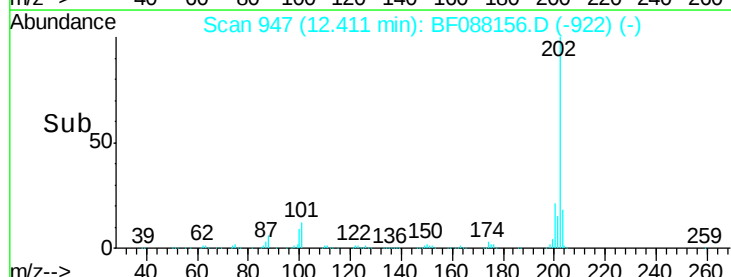
203 17.7 0.0 38.1

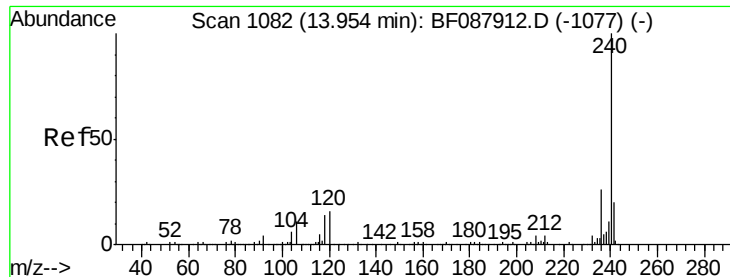


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMSD

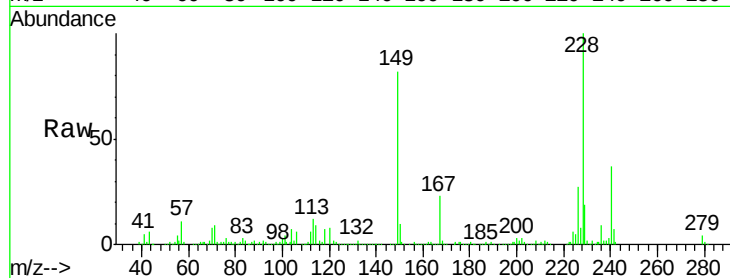
Tgt Ion:240 Resp: 148185

Ion Ratio Lower Upper

240 100

120 21.5 6.8 10.2#

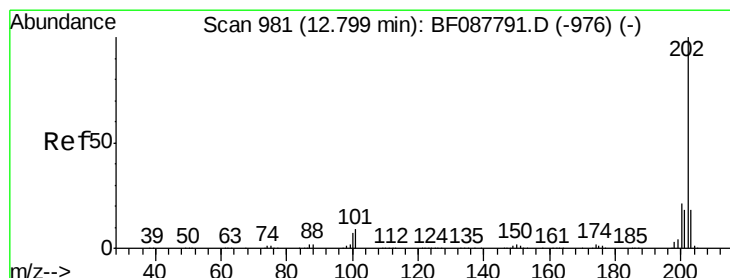
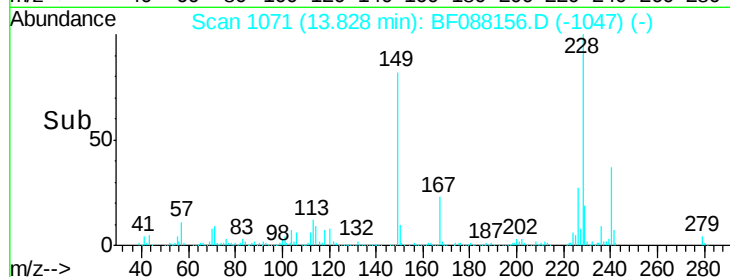
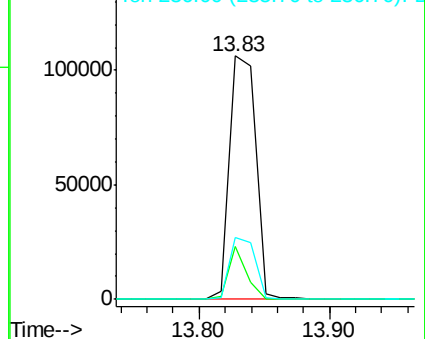
236 25.4 20.2 30.2



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



#77

Pyrene

Concen: 51.73 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

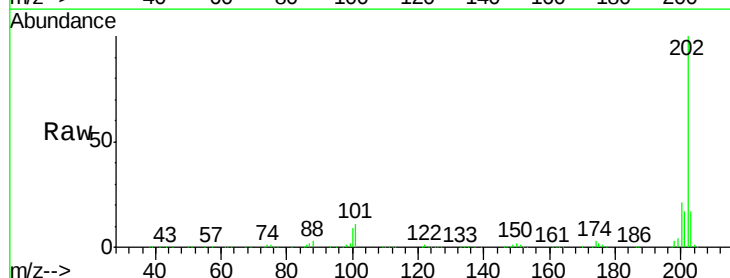
Tgt Ion:202 Resp: 568827

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

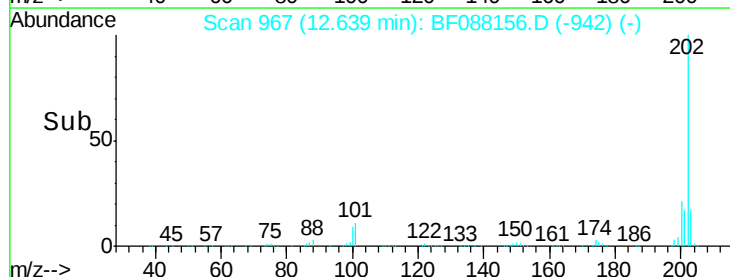
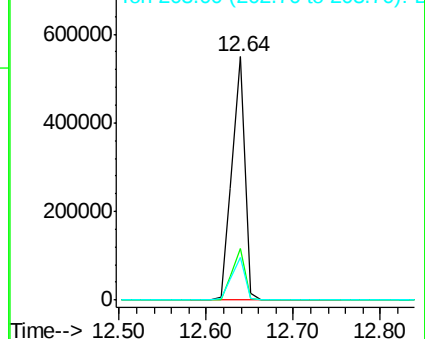
203 17.4 14.5 21.7

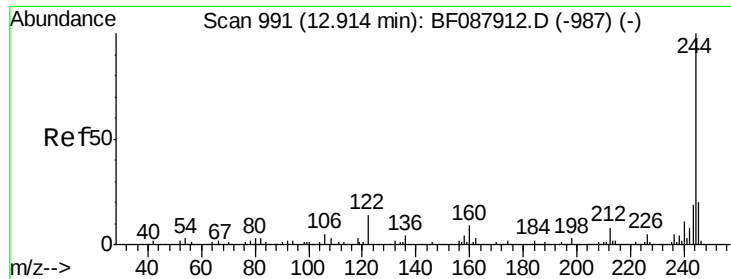


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

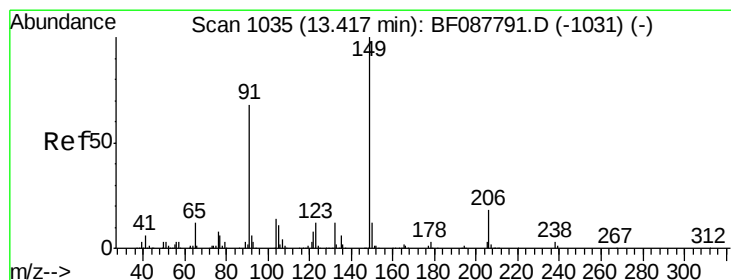
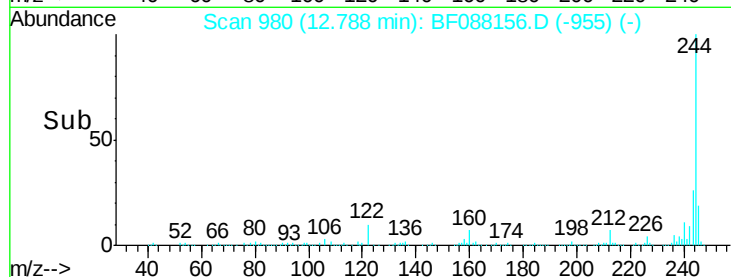
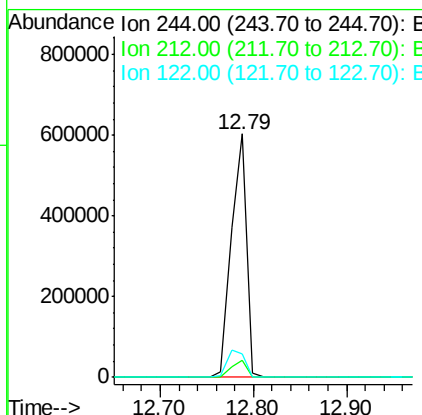
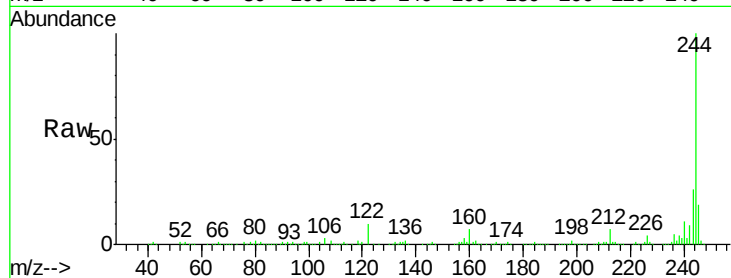




#78
 Terphenyl-d14
 Concen: 105.67 ng
 RT: 12.79 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

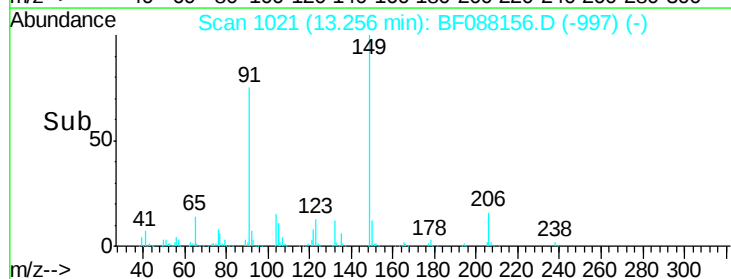
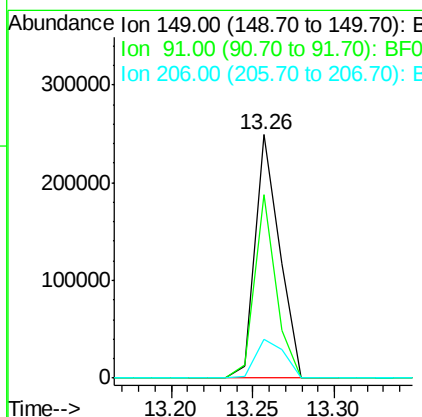
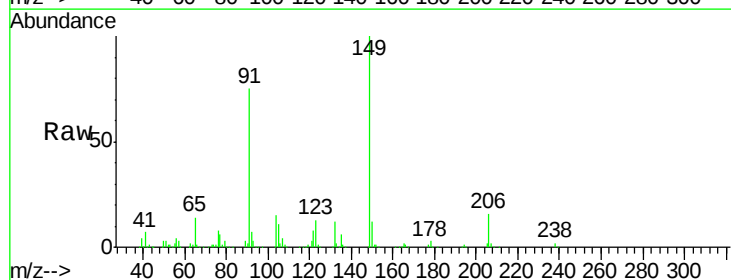
Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMSD

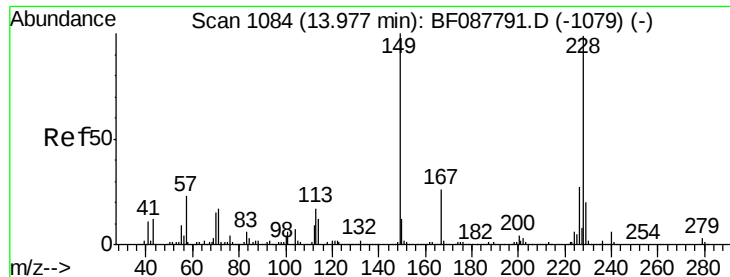
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	9.8	11.2	16.8#



#79
 Butylbenzylphthalate
 Concen: 53.64 ng
 RT: 13.26 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF088156.D
 Acq: 19 Jun 2016 2:20

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.4	48.0	72.0#
206	15.9	16.0	24.0#





#80

Benzo(a)anthracene

Concen: 50.62 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMSD

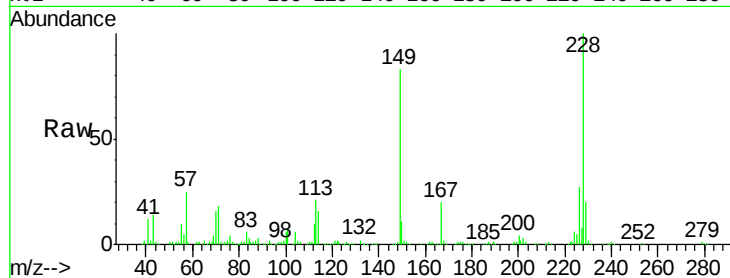
Tgt Ion:228 Resp: 427435

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

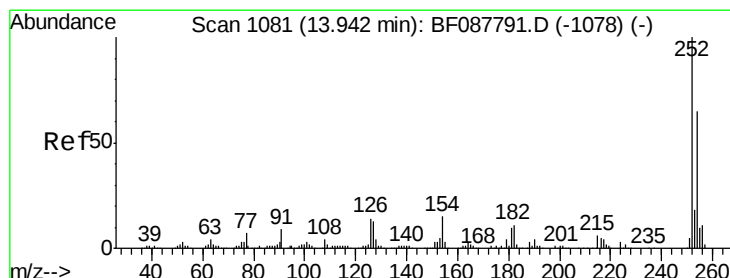
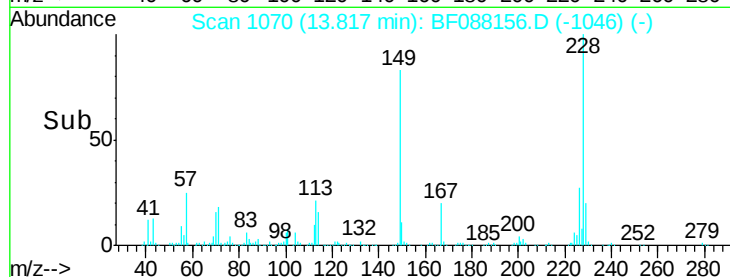
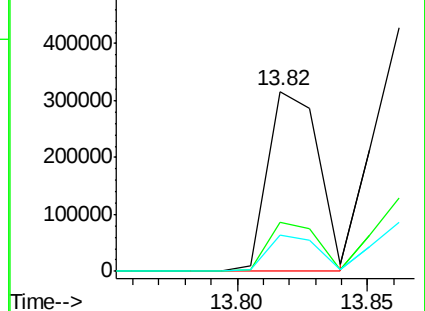
229 20.1 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 4.99 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.02 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

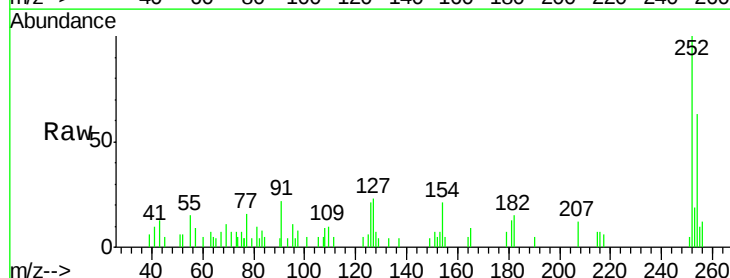
Tgt Ion:252 Resp: 11342

Ion Ratio Lower Upper

252 100

254 63.0 52.6 78.8

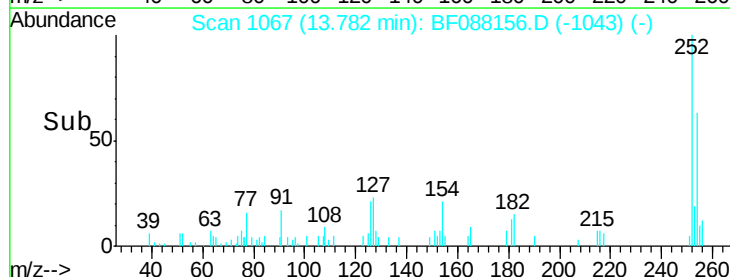
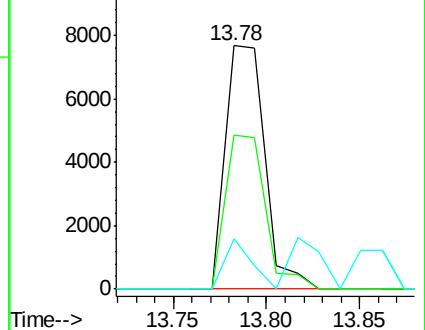
126 20.5 6.2 9.2#

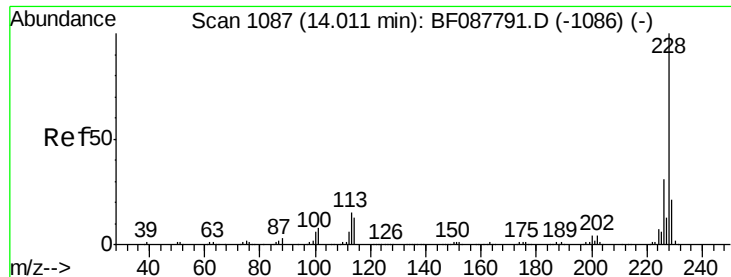


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 58.34 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMSD

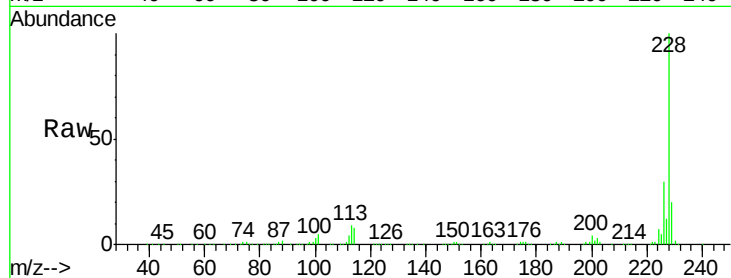
Tgt Ion: 228 Resp: 463520

Ion Ratio Lower Upper

228 100

226 30.2 25.4 38.2

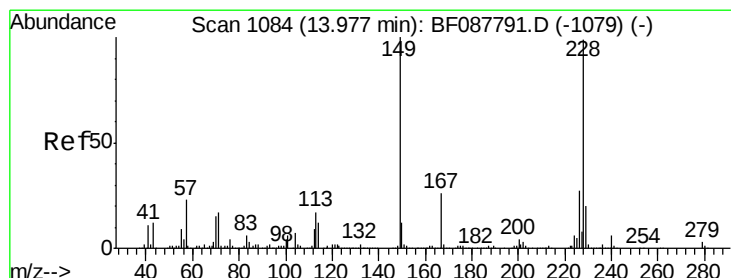
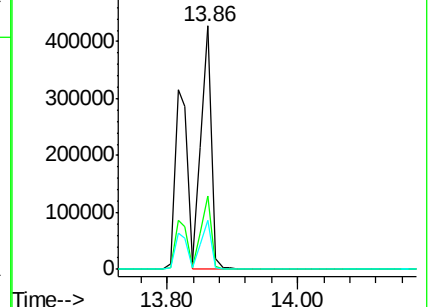
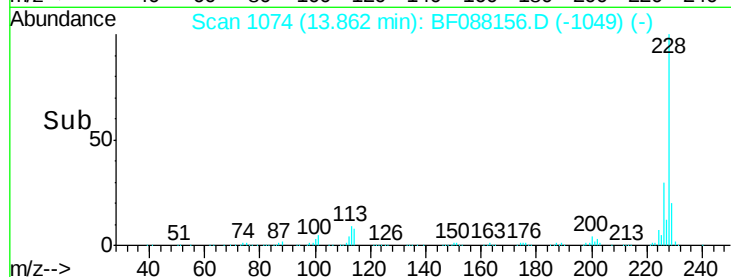
229 20.0 16.3 24.5



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: 59.25 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

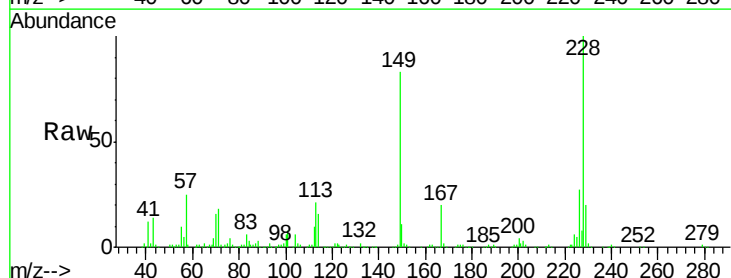
Tgt Ion: 149 Resp: 350622

Ion Ratio Lower Upper

149 100

167 23.9 20.5 30.7

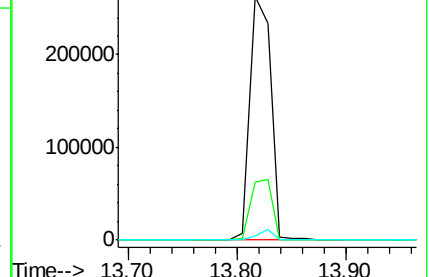
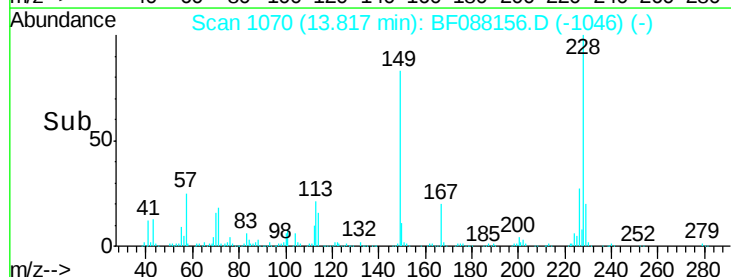
279 1.7 2.0 3.0#

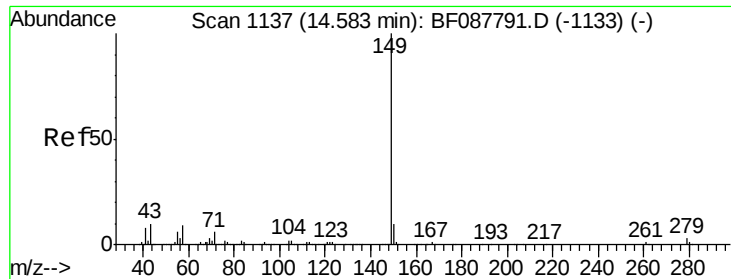


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

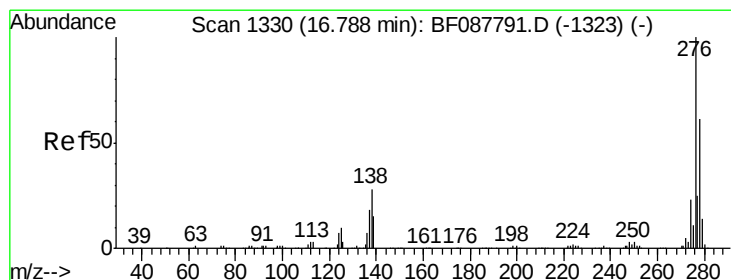
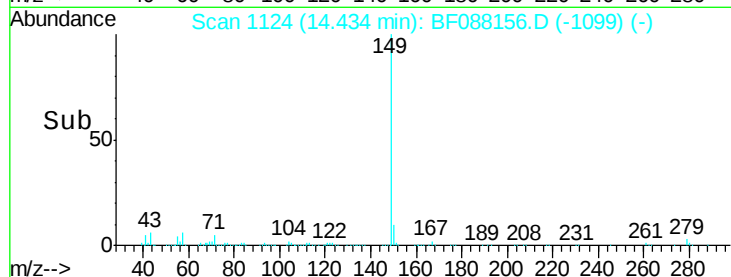
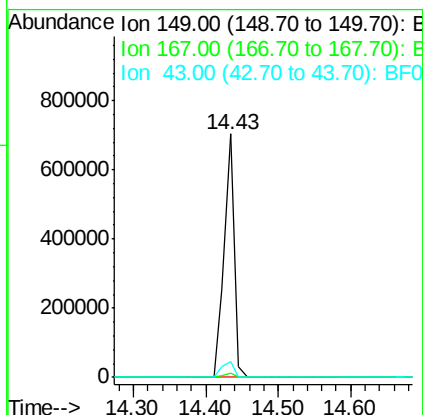
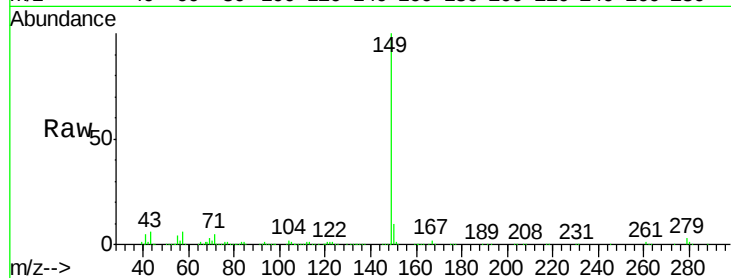




#84
Di-n-octyl phthalate
Concen: 70.95 ng
RT: 14.43 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

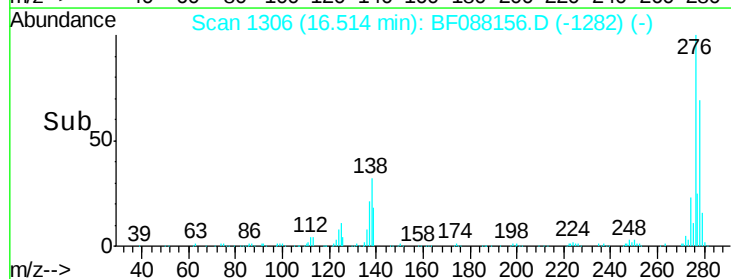
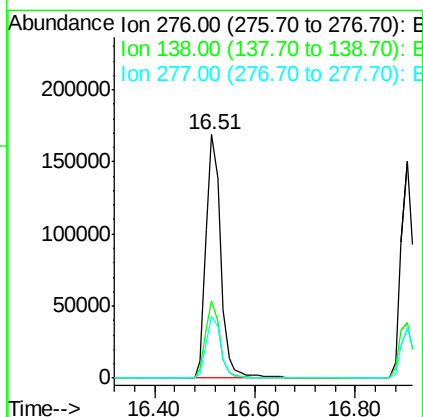
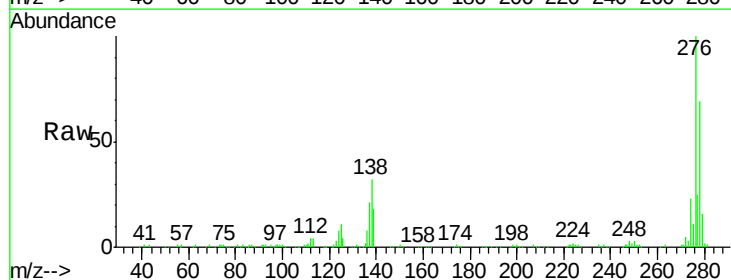
Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

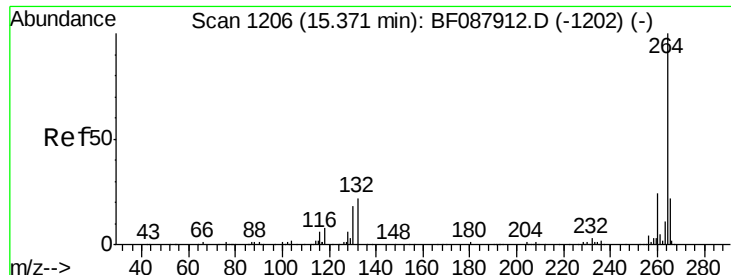
Tgt Ion:149 Resp: 682312
Ion Ratio Lower Upper
149 100
167 1.6 0.0 0.0#
43 7.8 0.0 0.0#



#85
Indeno(1,2,3-cd)pyrene
Concen: 47.26 ng
RT: 16.51 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion:276 Resp: 348818
Ion Ratio Lower Upper
276 100
138 31.2 0.0 0.0#
277 25.3 0.0 0.0#

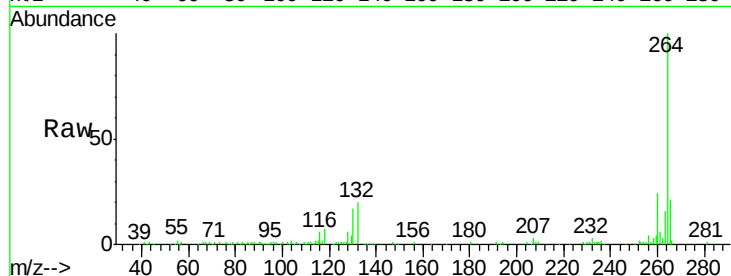




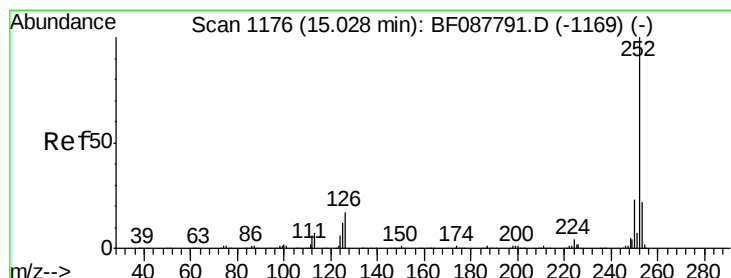
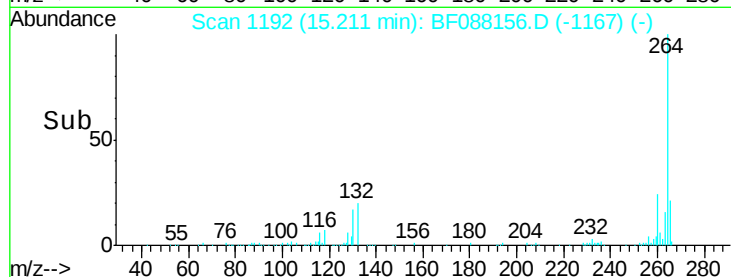
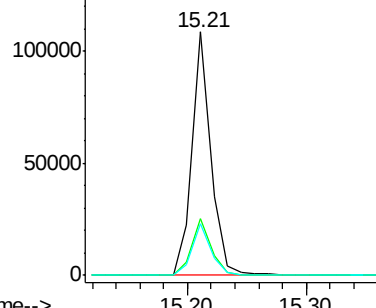
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

Tgt Ion: 264 Resp: 119151
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.4 16.9 25.3

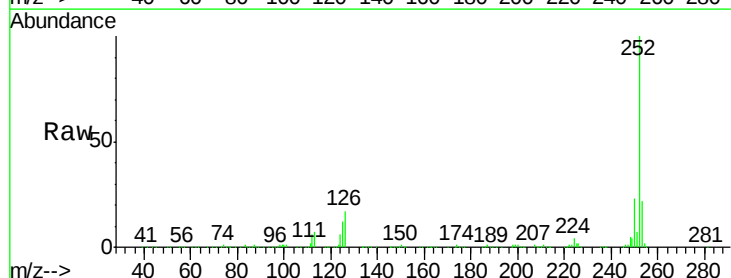


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

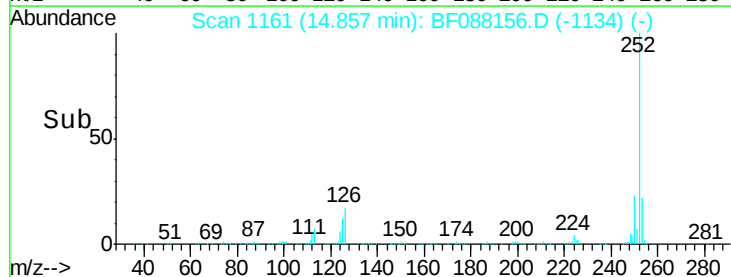
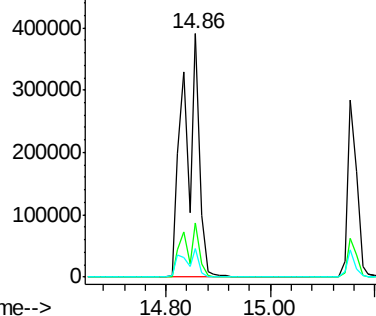


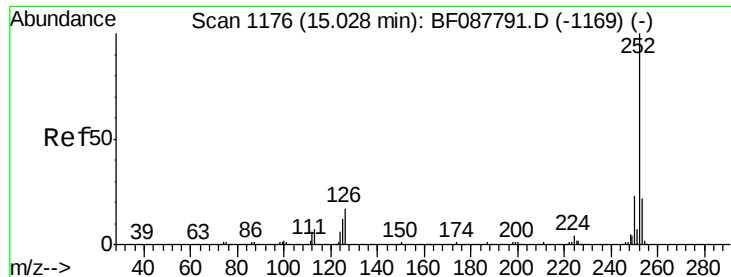
#87
Benzo(b)fluoranthene
Concen: 95.07 ng
RT: 14.86 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion: 252 Resp: 789560
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 12.0 7.1 10.7#



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

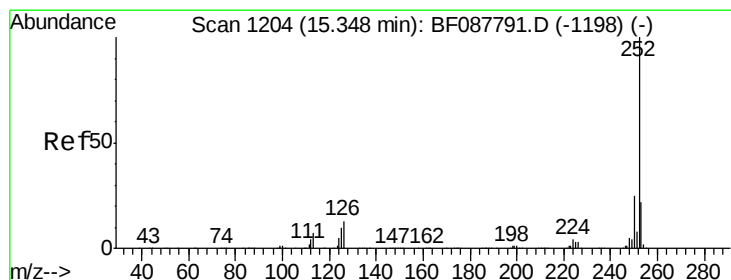
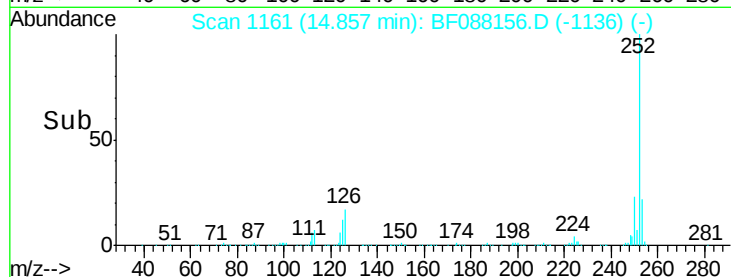
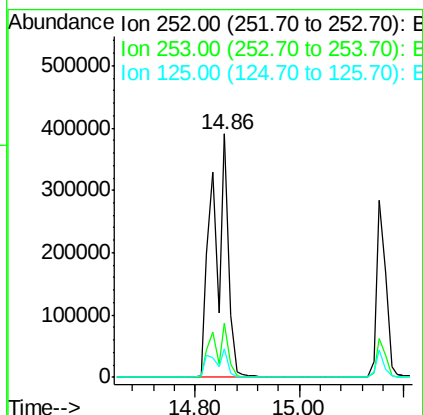
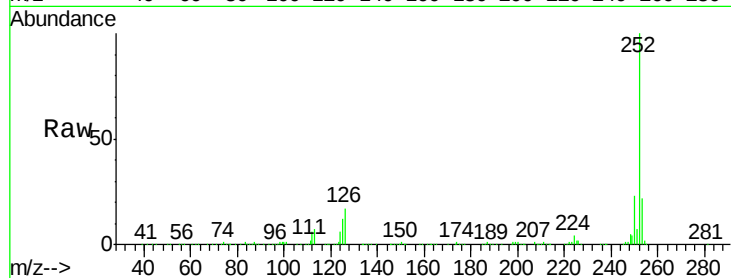




#88
Benzo(k)fluoranthene
Concen: 126.03 ng
RT: 14.86 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

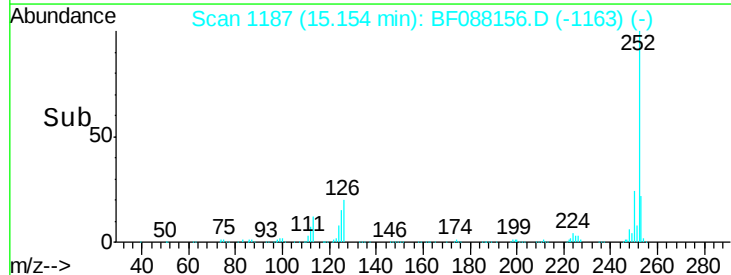
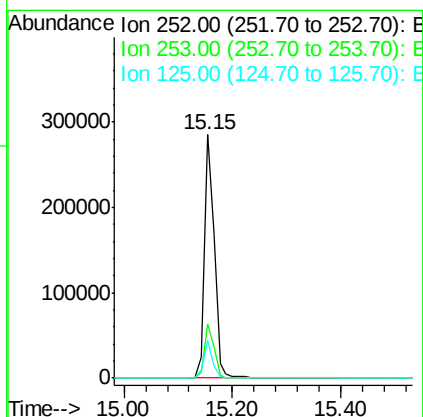
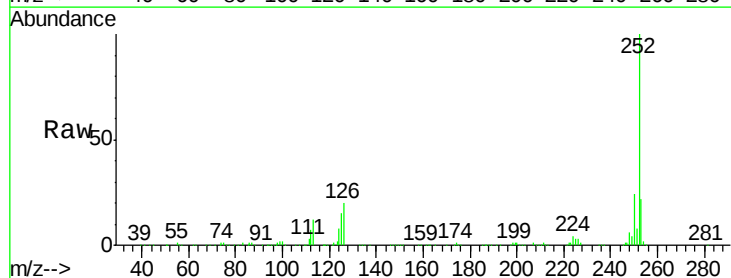
Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMSD

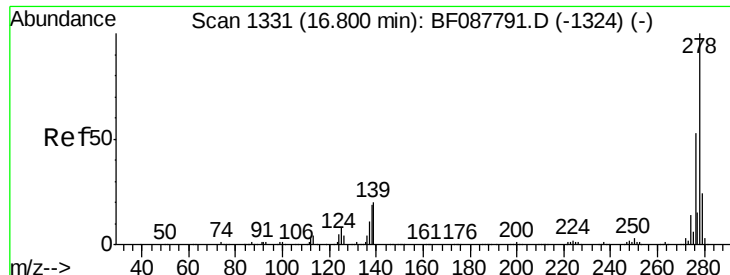
Tgt Ion: 252 Resp: 789560
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 12.0 11.2 16.8



#89
Benzo(a)pyrene
Concen: 52.47 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF088156.D
Acq: 19 Jun 2016 2:20

Tgt Ion: 252 Resp: 352526
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 15.4 12.5 18.7





#90

Dibenzo(a,h)anthracene

Concen: 48.55 ng

RT: 16.53 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Instrument :

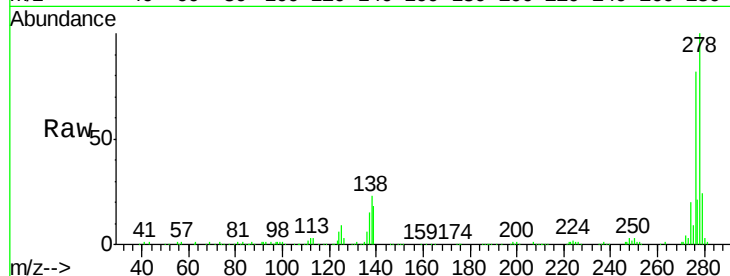
BNA_F

ClientSampleId :

PL-UP1-COMPMSD

Tgt Ion: 278 Resp: 302968

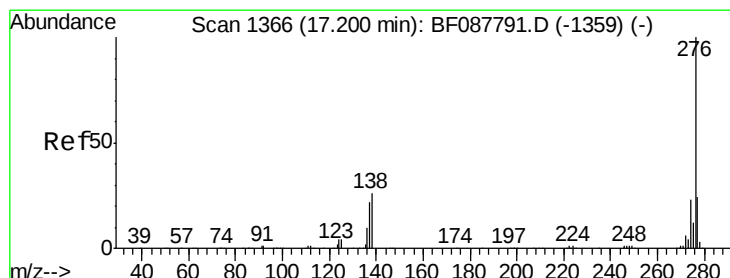
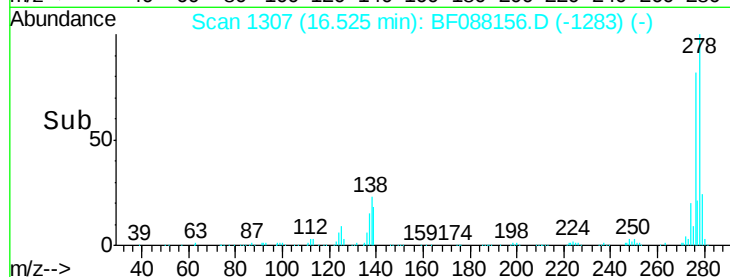
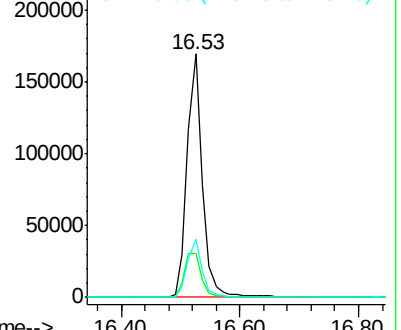
Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.7	23.5
279	23.9	19.4	29.2



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: 45.01 ng

RT: 16.90 min Scan# 1340

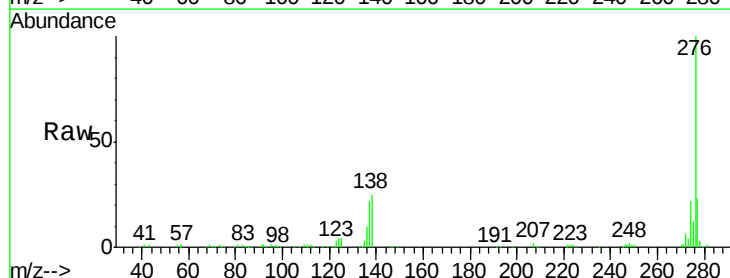
Delta R.T. -0.03 min

Lab File: BF088156.D

Acq: 19 Jun 2016 2:20

Tgt Ion: 276 Resp: 288941

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	25.4	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

