

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
 Data File : BF088155.D
 Acq On : 19 Jun 2016 1:51
 Operator : UM/SJ
 Sample : H3611-13MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMS

Quant Time: Jun 19 07:53:19 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	91125	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	348278	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	137669	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	215131	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	141437	20.00	ng	-0.01
86) Perylene-d12	15.21	264	126186	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	662795	124.34	ng	0.02
7) Phenol-d6	6.35	99	756102	117.04	ng	0.00
23) Nitrobenzene-d5	7.26	82	490601	82.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	139365	95.87	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	871186	100.41	ng	-0.02
78) Terphenyl-d14	12.79	244	664266	106.87	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.40	88	94413	36.45	ng	# 87
3) Pyridine	3.06	79	46238	7.56	ng	95
4) n-Nitrosodimethylamine	2.96	42	107464	41.49	ng	82
6) Aniline	6.36	93	58468	6.36	ng	# 1
8) 2-Chlorophenol	6.48	128	285906	45.32	ng	93
9) Benzaldehyde	6.24	77	12673	2.78	ng	96
10) Phenol	6.36	94	313820	47.17	ng	92
11) bis(2-Chloroethyl)ether	6.43	93	261767	46.21	ng	88
12) 1,3-Dichlorobenzene	6.63	146	276881	40.90	ng	95
13) 1,4-Dichlorobenzene	6.71	146	291992	42.82	ng	97
14) 1,2-Dichlorobenzene	6.71	146	291992	47.08	ng	99
15) Benzyl Alcohol	6.84	79	106855	21.14	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.98	45	306066	39.99	ng	64
17) 2-Methylphenol	6.97	107	222449	43.48	ng	# 94
18) Hexachloroethane	7.20	117	87499	36.16	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	193812	46.90	ng	# 81
20) 3+4-Methylphenols	7.13	107	284476	47.65	ng	# 74
22) Acetophenone	7.11	105	386089	49.61	ng	# 97
24) Nitrobenzene	7.28	77	280349	48.53	ng	95
25) Isophorone	7.52	82	496439	44.94	ng	99
26) 2-Nitrophenol	7.60	139	121333	39.21	ng	# 73
27) 2,4-Dimethylphenol	7.64	122	232845	40.86	ng	94
28) bis(2-Chloroethoxy)methane	7.74	93	278103	40.59	ng	98
29) 2,4-Dichlorophenol	7.85	162	213944	44.97	ng	92
30) 1,2,4-Trichlorobenzene	7.92	180	228705	44.15	ng	99
31) Naphthalene	8.00	128	952442	55.26	ng	99
32) Benzoic acid	7.78	122	100239	31.95	ng	92
33) 4-Chloroaniline	8.06	127	26636	3.46	ng	97
34) Hexachlorobutadiene	8.11	225	118771	43.47	ng	98
35) Caprolactam	8.43	113	47682	30.26	ng	# 63
36) 4-Chloro-3-methylphenol	8.56	107	209708	41.22	ng	89
37) 2-Methylnaphthalene	8.68	142	470269	41.40	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	211512	78.34	ng	# 1
40) Hexachlorocyclopentadiene	8.83	237	21479	9.67	ng	99

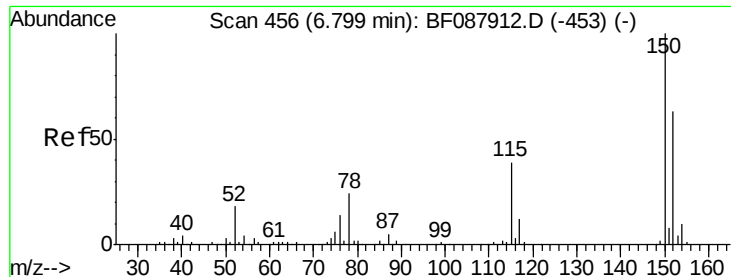
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	128161	46.55	ng	96
43) 2,4,5-Trichlorophenol	9.03	196	133075	46.46	ng	99
45) 1,1'-Biphenyl	9.15	154	583975	58.35	ng	97
46) 2-Chloronaphthalene	9.18	162	443194	49.75	ng	97
47) 2-Nitroaniline	9.28	65	122377	46.57	ng	# 84
48) Acenaphthylene	9.59	152	640411	45.19	ng	99
49) Dimethylphthalate	9.46	163	556994	55.85	ng	99
50) 2,6-Dinitrotoluene	9.52	165	94923	41.56	ng	# 75
51) Acenaphthene	9.76	154	402119	45.49	ng	99
52) 3-Nitroaniline	9.69	138	62114	23.57	ng	# 78
53) 2,4-Dinitrophenol	9.80	184	12863	15.13	ng	# 87
54) Dibenzofuran	9.93	168	578580	47.53	ng	93
55) 4-Nitrophenol	9.87	139	92675	45.31	ng	91
56) 2,4-Dinitrotoluene	9.92	165	97152	33.10	ng	# 48
57) Fluorene	10.27	166	437181	54.12	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	98787	43.89	ng	# 56
59) Diethylphthalate	10.16	149	518041	51.32	ng	98
60) 4-Chlorophenyl-phenylether	10.26	204	173630	42.89	ng	92
61) 4-Nitroaniline	10.30	138	81776	32.71	ng	97
62) Azobenzene	10.42	77	379562	38.02	ng	96
64) 4,6-Dinitro-2-methylphenol	10.33	198	11992	10.69	ng	91
65) n-Nitrosodiphenylamine	10.39	169	213842	29.96	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	121188	52.51	ng	96
67) Hexachlorobenzene	10.82	284	118189	49.29	ng	# 71
68) Atrazine	10.91	200	15649	7.24	ng	97
69) Pentachlorophenol	11.02	266	82786	65.49	ng	97
70) Phenanthrene	11.22	178	542032	48.01	ng	100
71) Anthracene	11.28	178	571308	50.17	ng	99
72) Carbazole	11.44	167	334316	31.37	ng	98
73) Di-n-butylphthalate	11.77	149	672280	49.84	ng	100
74) Fluoranthene	12.41	202	560305	47.03	ng	98
77) Pyrene	12.64	202	564180	53.75	ng	98
79) Butylbenzylphthalate	13.26	149	265122	57.14	ng	# 82
80) Benzo(a)anthracene	13.82	228	424159	52.63	ng	99
81) 3,3'-Dichlorobenzidine	13.78	252	11066	5.11	ng	# 92
82) Chrysene	13.86	228	460393	60.72	ng	98
83) Bis(2-ethylhexyl)phthalate	13.82	149	349244	61.83	ng	# 98
84) Di-n-octyl phthalate	14.43	149	665997	72.56	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.51	276	356384	50.59	ng	# 100
87) Benzo(b)fluoranthene	14.86	252	798279	90.76	ng	# 97
88) Benzo(k)fluoranthene	14.86	252	798279	120.32	ng	98
89) Benzo(a)pyrene	15.15	252	361322	50.78	ng	99
90) Dibenzo(a,h)anthracene	16.53	278	306866	46.43	ng	97
91) Benzo(g,h,i)perylene	16.90	276	298921	43.97	ng	99

(#) = 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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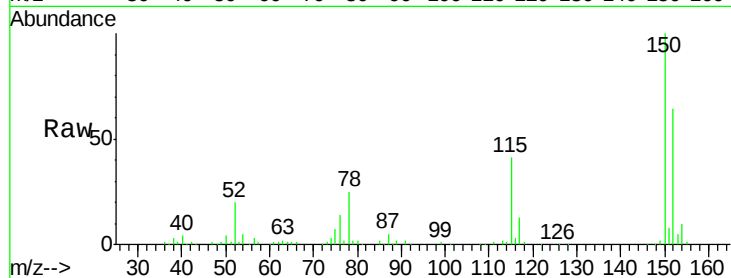
Tgt Ion:152 Resp: 91125

Ion Ratio Lower Upper

152 100

150 155.7 123.8 185.6

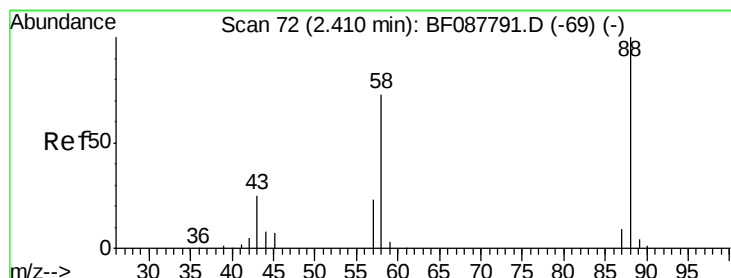
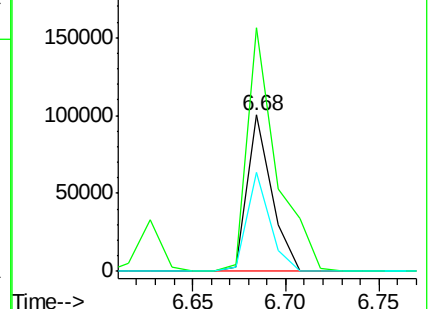
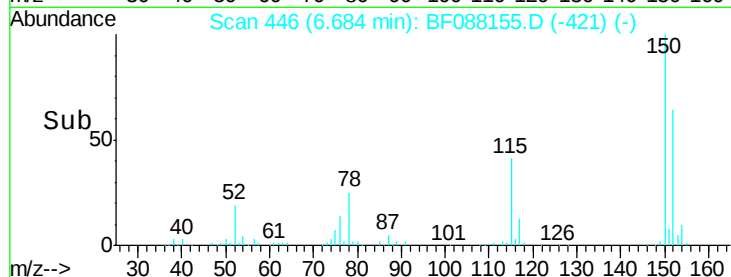
115 63.1 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.45 ng

RT: 2.40 min Scan# 71

Delta R.T. 0.22 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

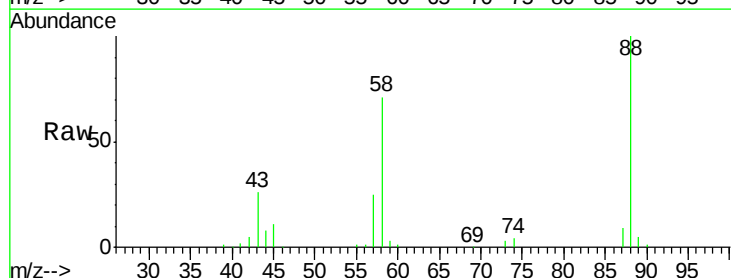
Tgt Ion: 88 Resp: 94413

Ion Ratio Lower Upper

88 100

58 68.2 0.0 0.0#

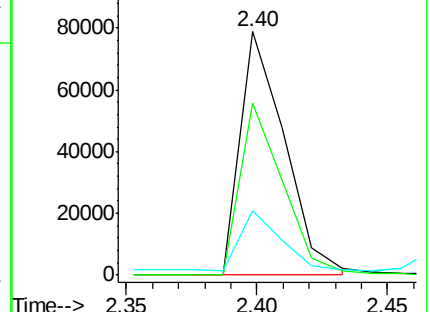
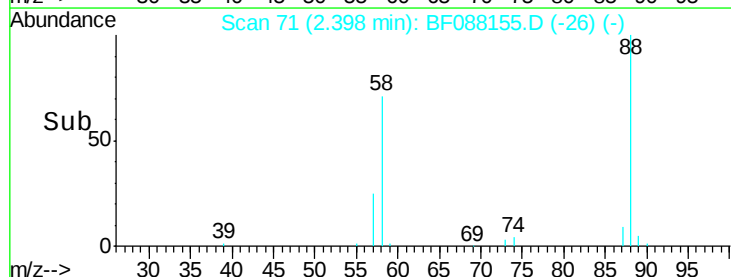
43 0.0 3.4 5.2#

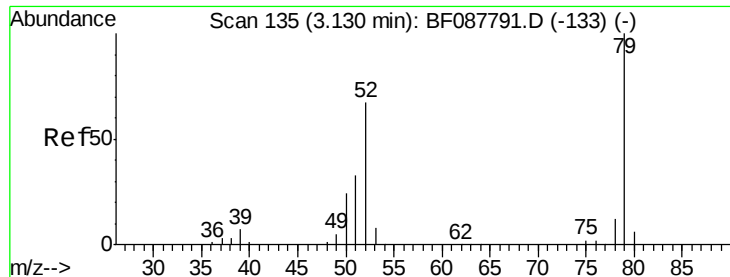


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 7.56 ng

RT: 3.06 min Scan# 129

Delta R.T. 0.22 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

Instrument :

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ClientSampleId :

PL-UP1-COMPMS

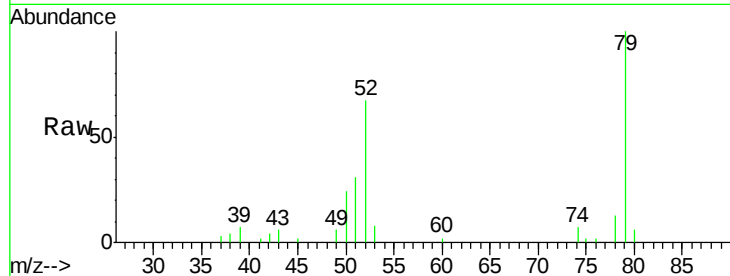
Tgt Ion: 79 Resp: 46238

Ion Ratio Lower Upper

79 100

52 66.8 56.3 84.5

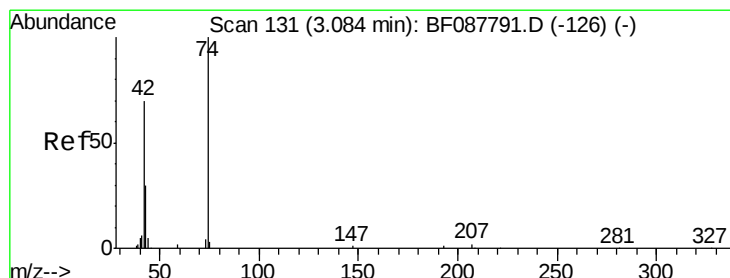
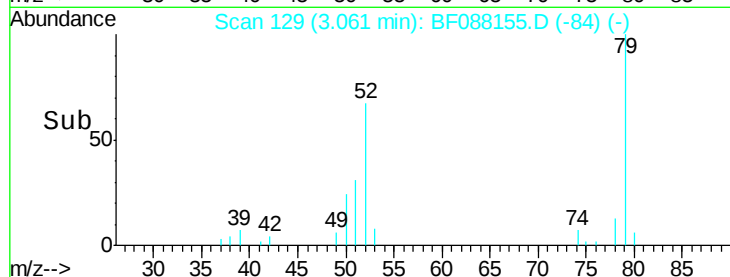
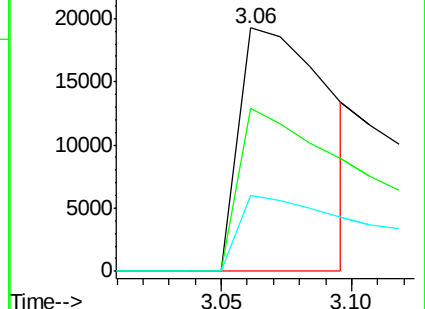
51 31.4 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.49 ng

RT: 2.96 min Scan# 120

Delta R.T. 0.15 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

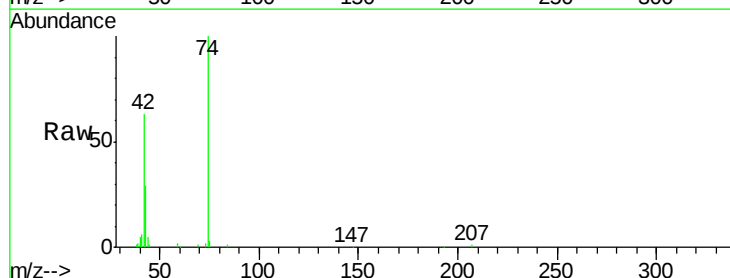
Tgt Ion: 42 Resp: 107464

Ion Ratio Lower Upper

42 100

74 158.6 108.6 163.0

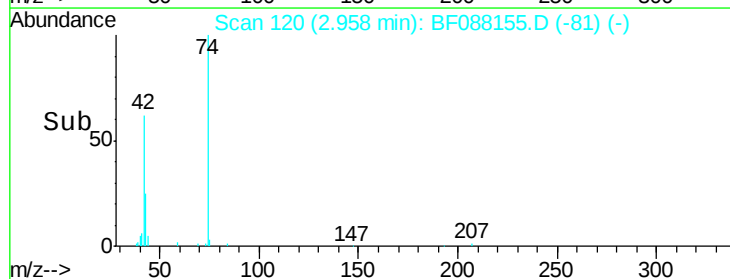
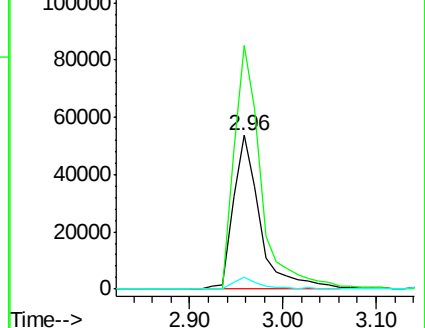
44 7.5 5.5 8.3

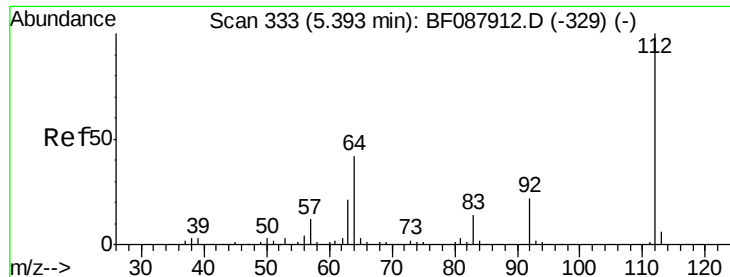


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 124.34 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.02 min

Lab File: BF088155.D

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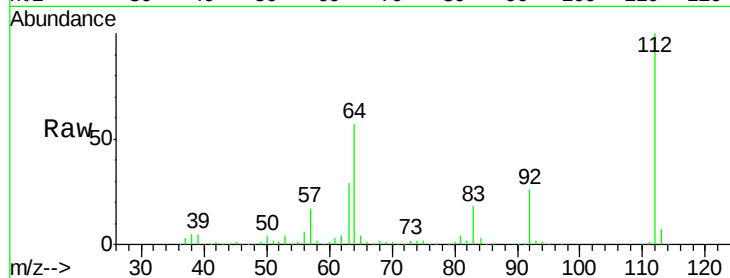
Tgt Ion: 112 Resp: 662795

Ion Ratio Lower Upper

112 100

64 56.6 42.2 63.2

63 29.3 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

5.30

400000

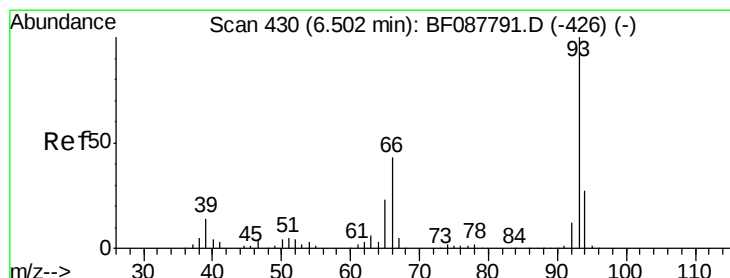
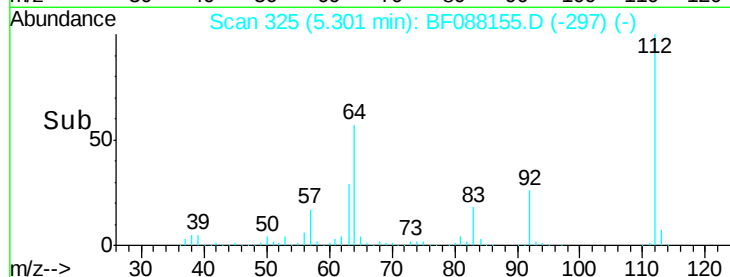
300000

200000

100000

0

Time-->



#6

Aniline

Concen: 6.36 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

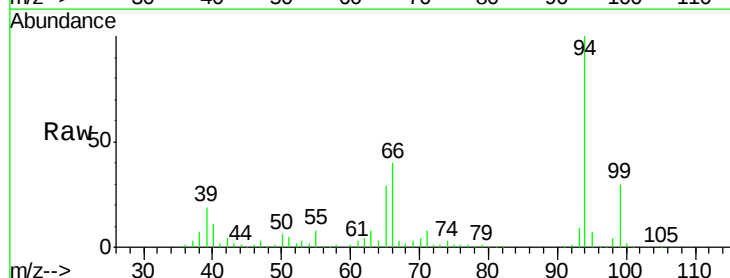
Tgt Ion: 93 Resp: 58468

Ion Ratio Lower Upper

93 100

66 433.2 29.8 44.8#

65 314.1 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

6.36

400000

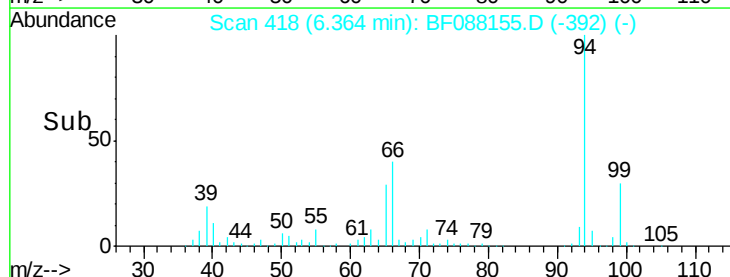
300000

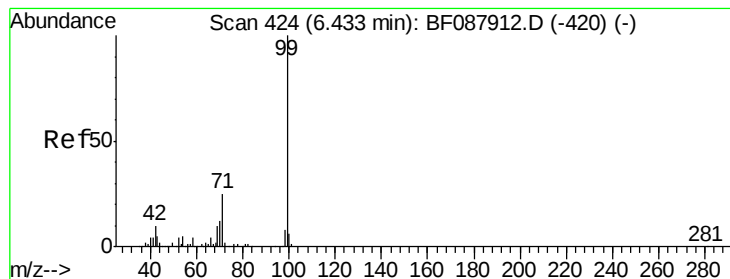
200000

100000

0

Time-->





#7

Phenol-d6

Concen: 117.04 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

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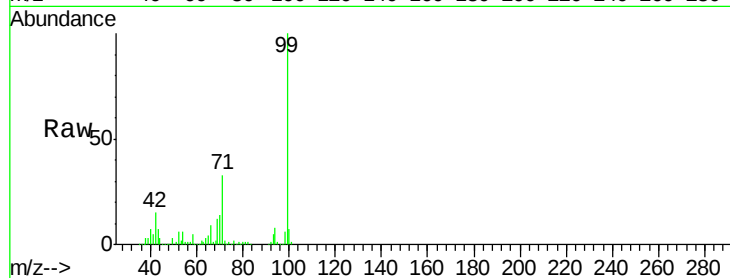
Tgt Ion: 99 Resp: 756102

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.2

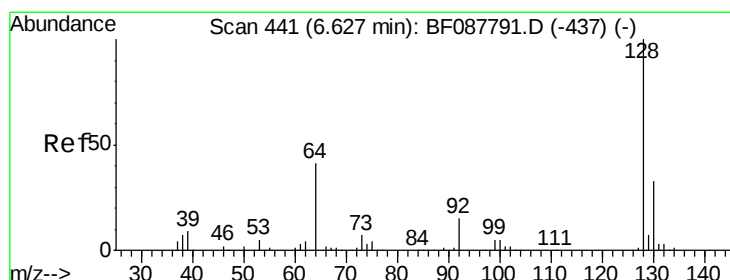
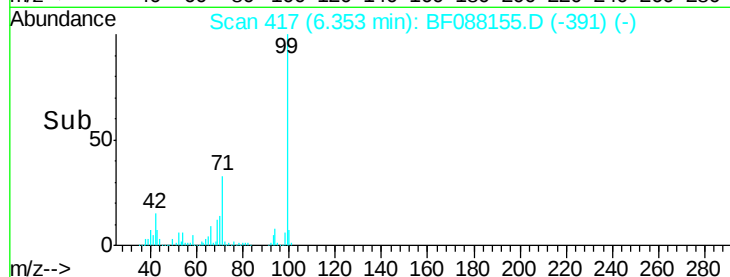
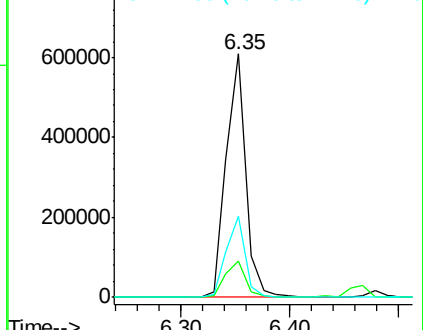
71 33.0 23.4 35.0



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: 45.32 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF088155.D

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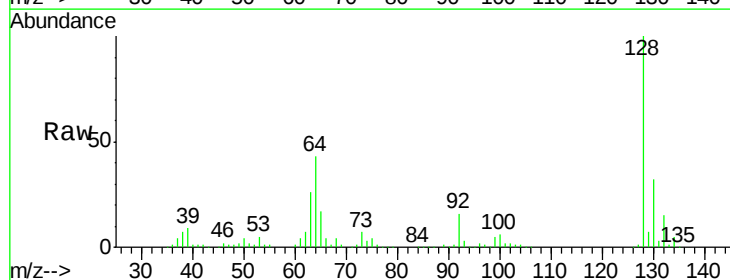
Tgt Ion: 128 Resp: 285906

Ion Ratio Lower Upper

128 100

130 32.5 12.0 52.0

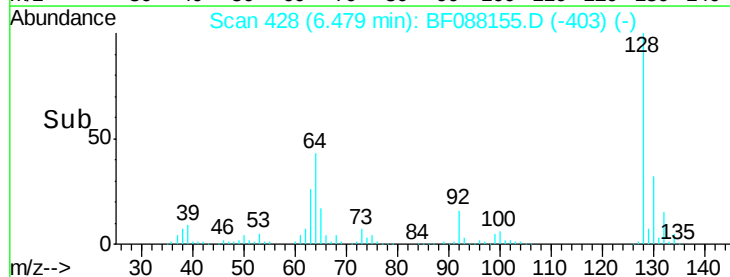
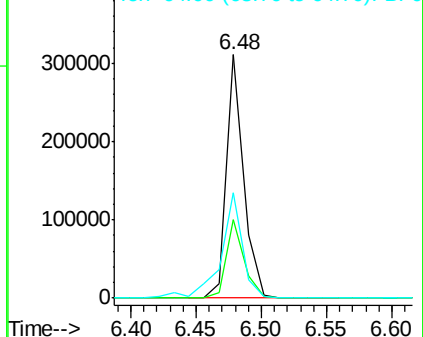
64 43.4 30.8 70.8



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: 2.78 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

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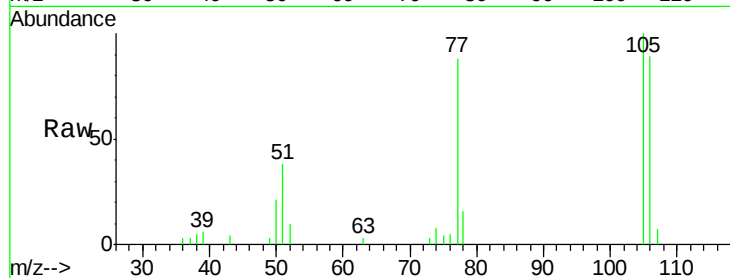
Tgt Ion: 77 Resp: 12673

Ion Ratio Lower Upper

77 100

105 113.4 90.6 130.6

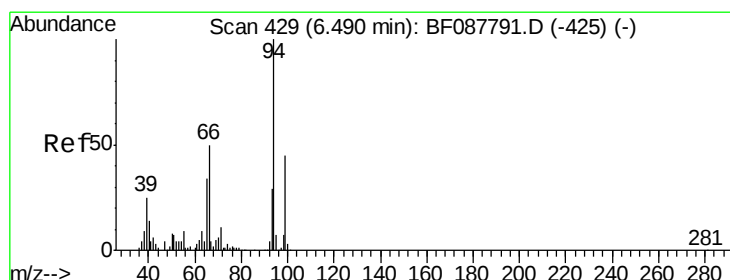
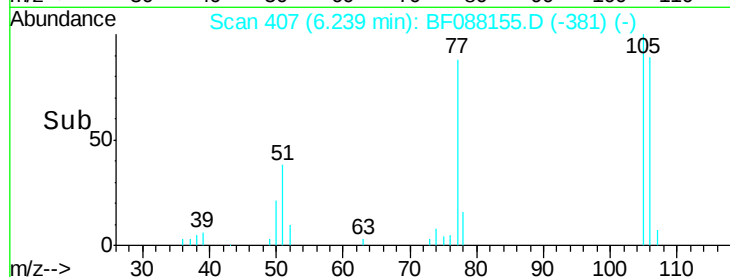
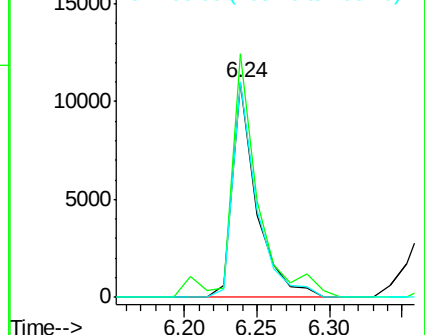
106 100.5 85.3 125.3



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: 47.17 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

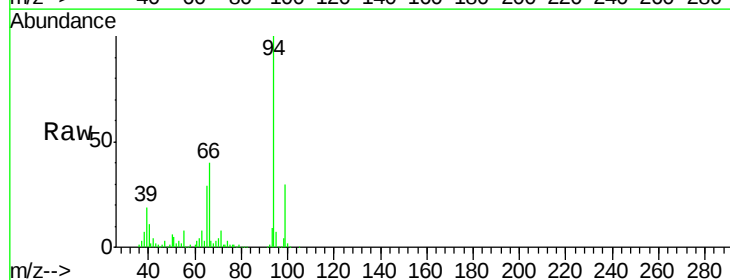
Tgt Ion: 94 Resp: 313820

Ion Ratio Lower Upper

94 100

65 28.7 5.9 45.9

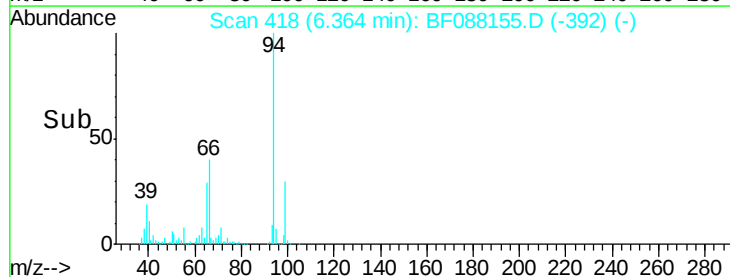
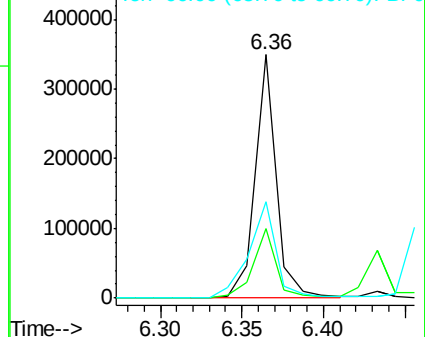
66 39.6 14.0 54.0



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

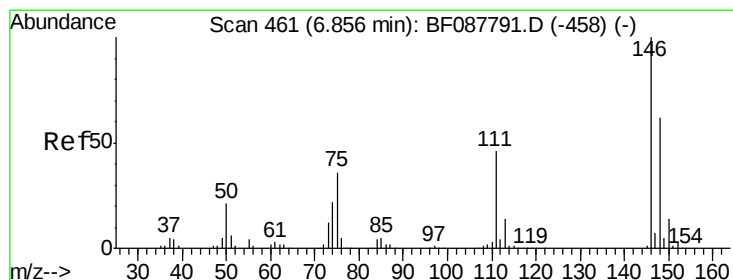
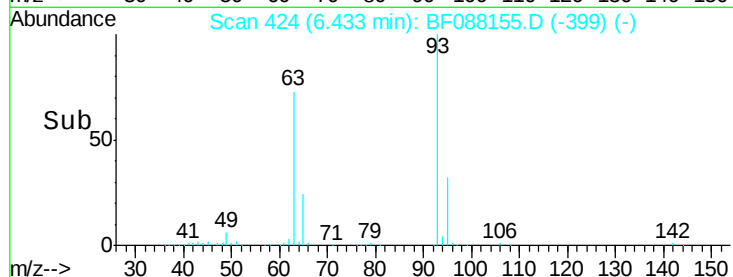
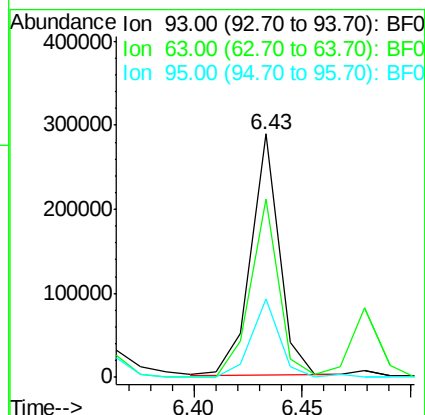
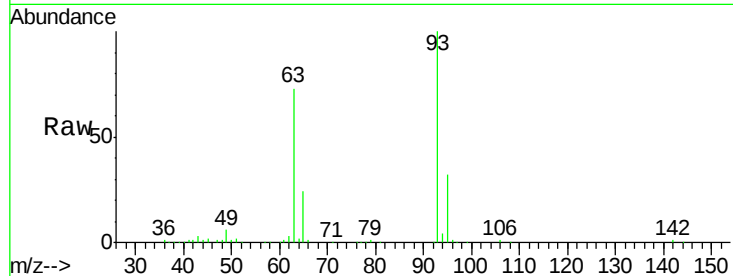




#11
bis(2-Chloroethyl)ether
Concen: 46.21 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

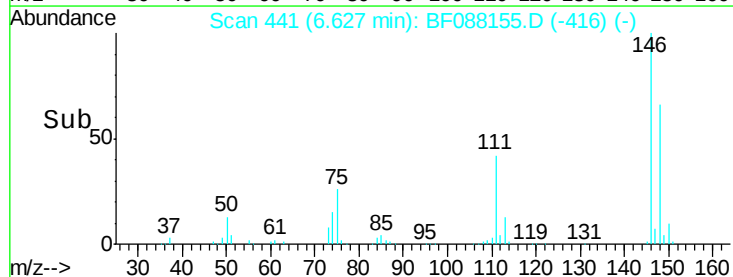
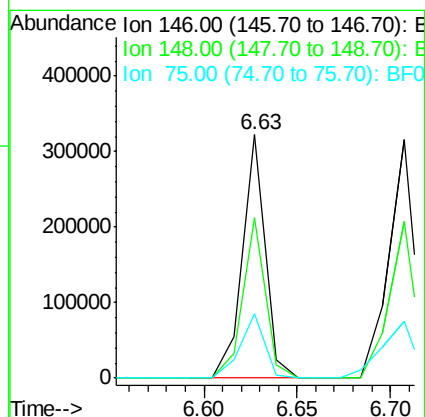
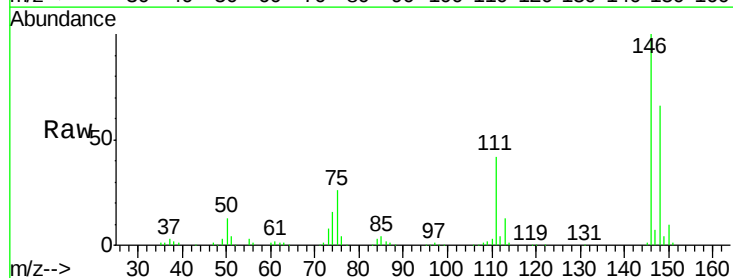
Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMS

Tgt Ion: 93 Resp: 261767
Ion Ratio Lower Upper
93 100
63 73.0 67.6 107.6
95 32.3 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 40.90 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

Tgt Ion: 146 Resp: 276881
Ion Ratio Lower Upper
146 100
148 65.9 50.9 76.3
75 26.4 25.6 38.4

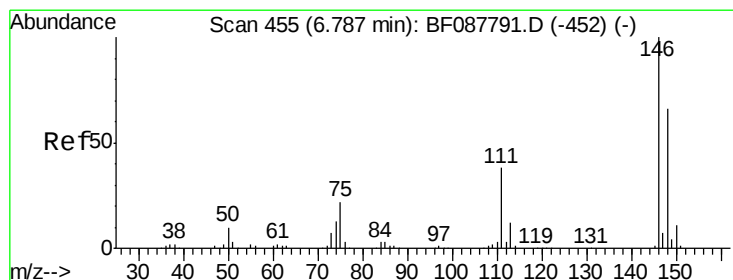
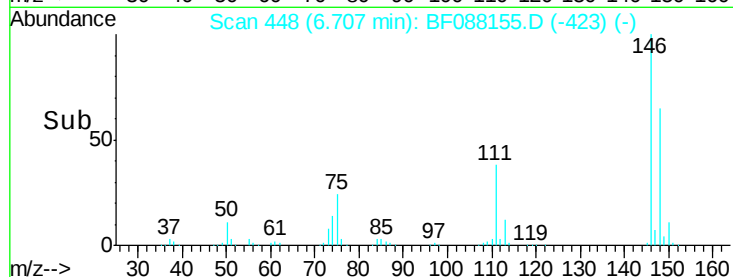
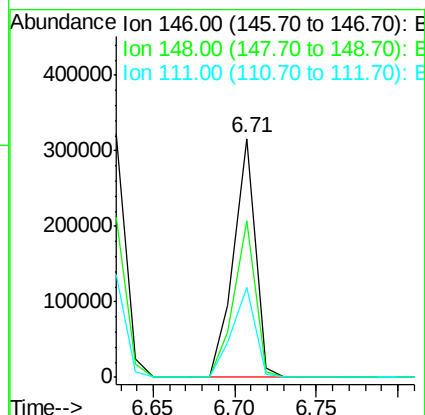
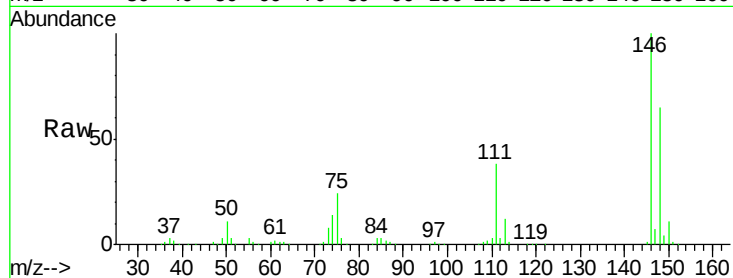




#13
 1,4-Dichlorobenzene
 Concen: 42.82 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.01 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

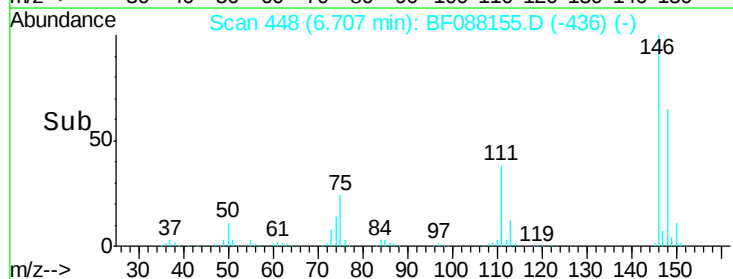
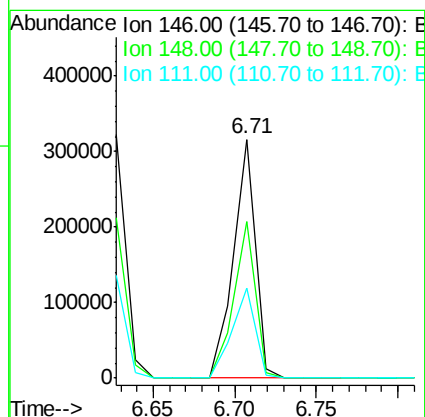
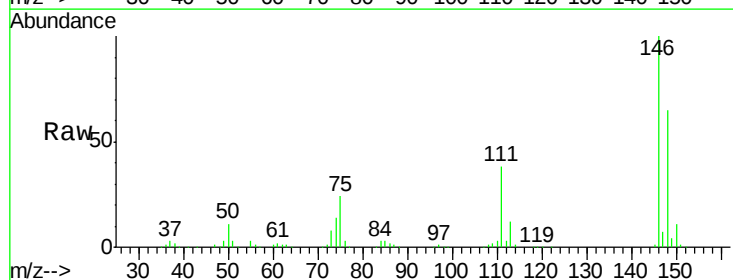
Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMS

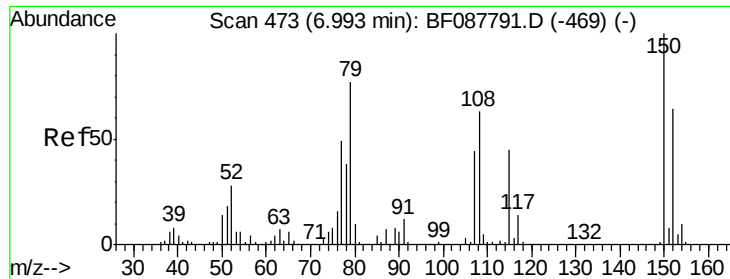
Tgt Ion:146 Resp: 291992
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.0 78.0
 111 37.8 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 47.08 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.16 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

Tgt Ion:146 Resp: 291992
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.3 78.5
 111 37.8 28.7 43.1

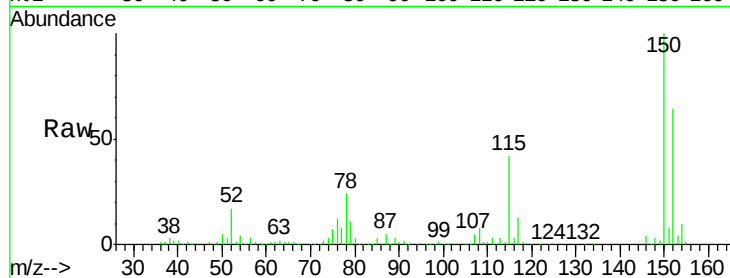




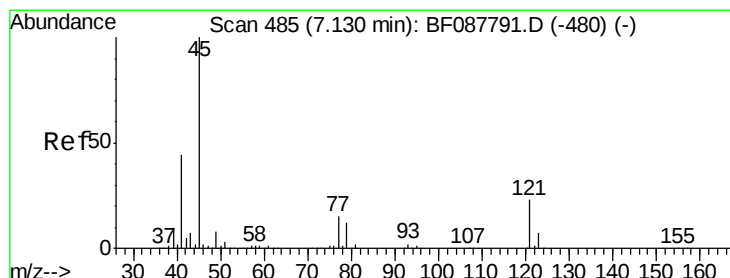
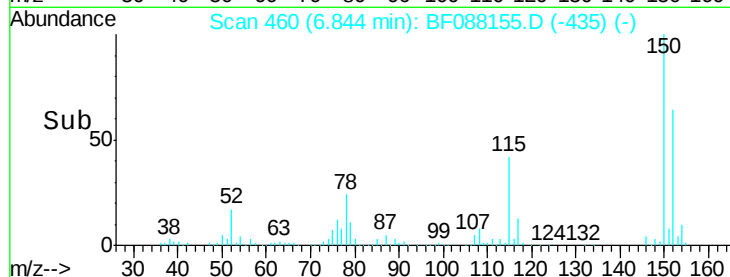
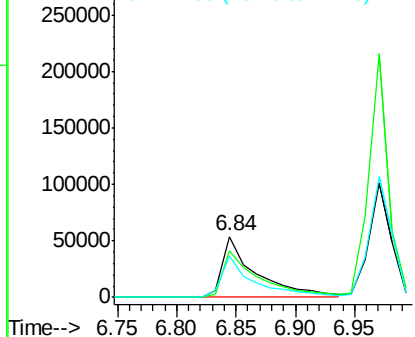
#15
Benzyl Alcohol
Concen: 21.14 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMS

Tgt Ion: 79 Resp: 106855
Ion Ratio Lower Upper
79 100
108 75.5 65.0 97.6
77 68.0 50.3 75.5

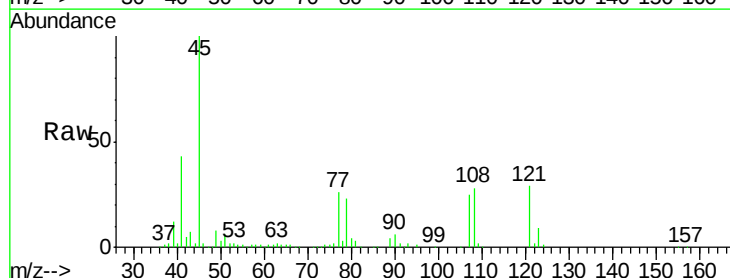


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

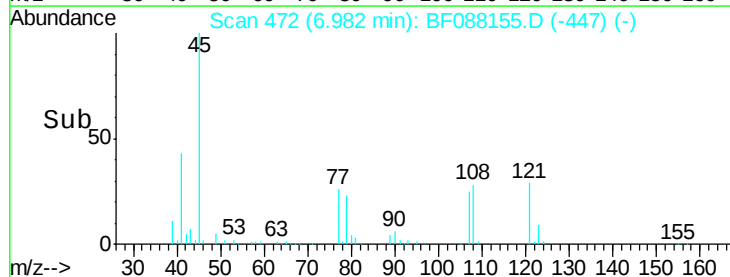
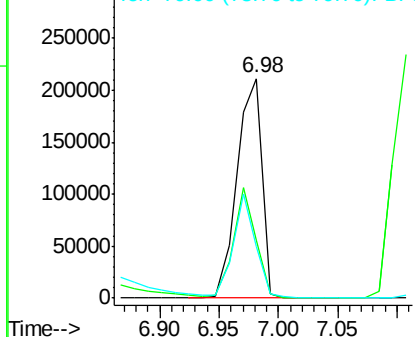


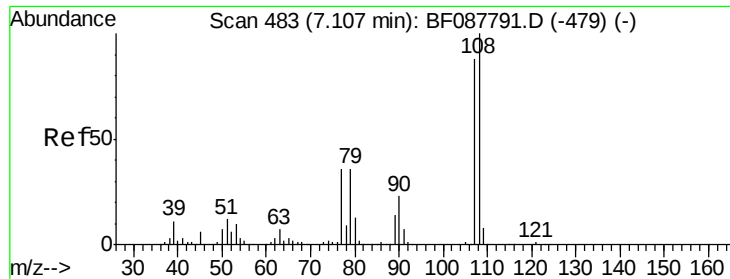
#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.99 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

Tgt Ion: 45 Resp: 306066
Ion Ratio Lower Upper
45 100
77 26.4 0.0 32.5
79 23.3 0.0 29.5



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

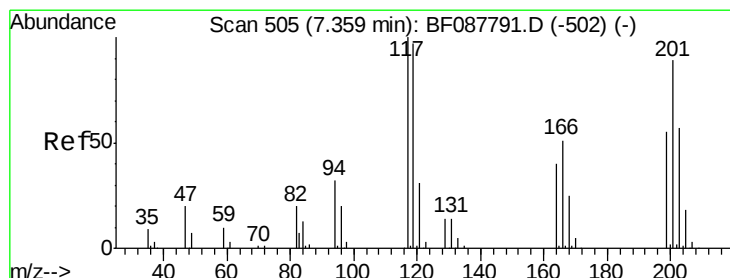
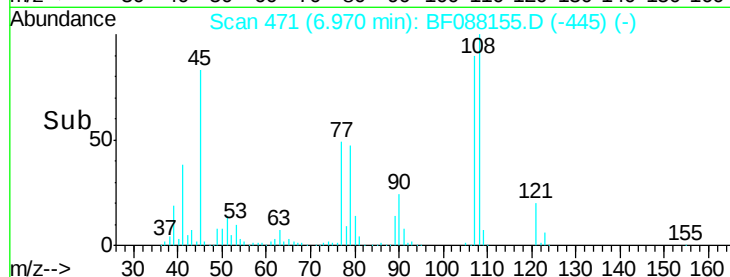
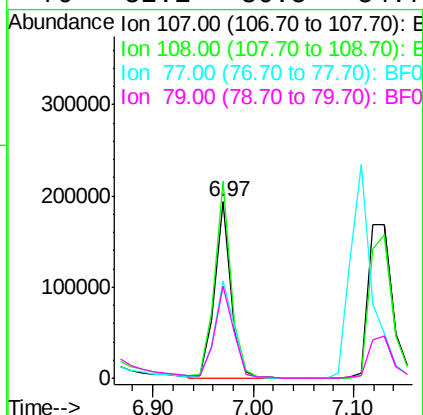
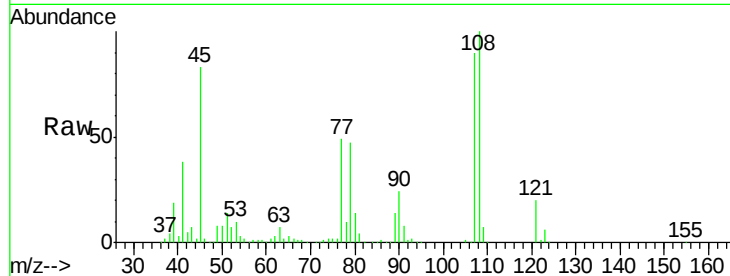




#17
2-Methylphenol
Concen: 43.48 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

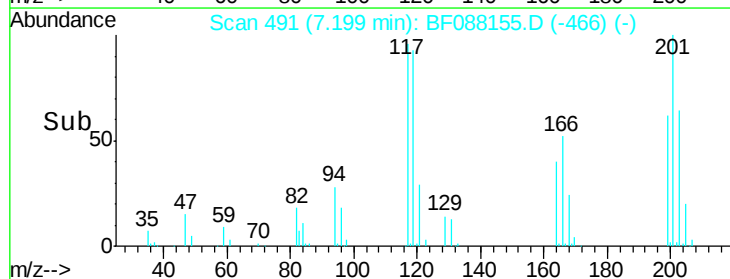
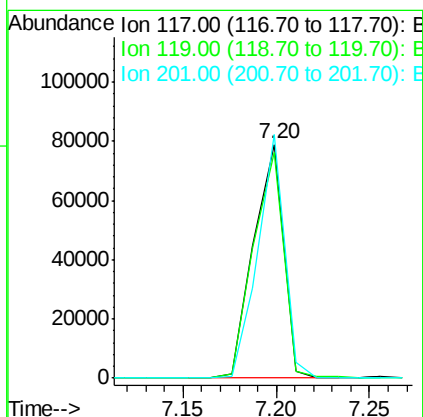
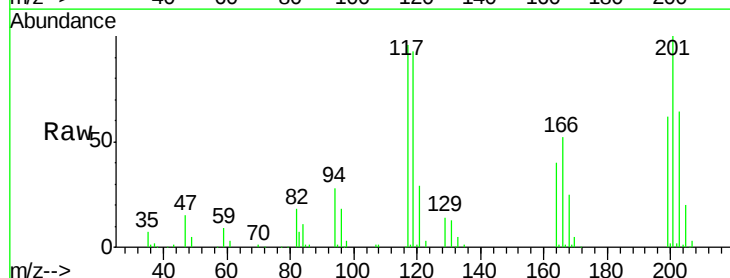
Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMS

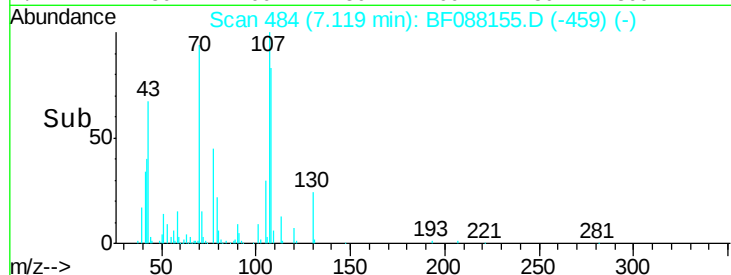
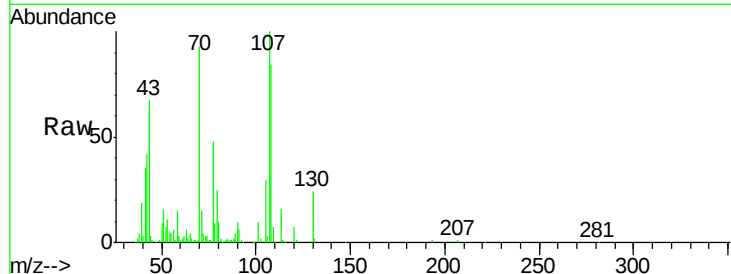
Tgt Ion:107 Resp: 222449
Ion Ratio Lower Upper
107 100
108 111.5 90.9 136.3
77 55.1 36.6 55.0#
79 52.1 36.5 54.7



#18
Hexachloroethane
Concen: 36.16 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

Tgt Ion:117 Resp: 87499
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.2
201 104.1 80.4 120.6

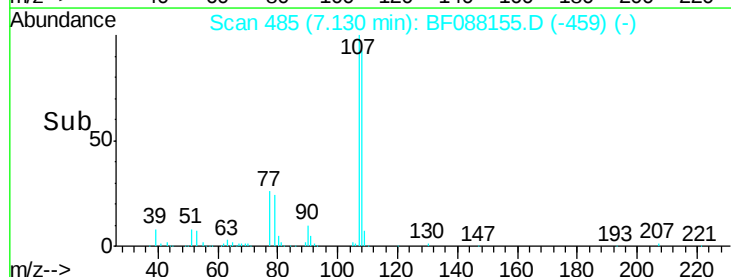
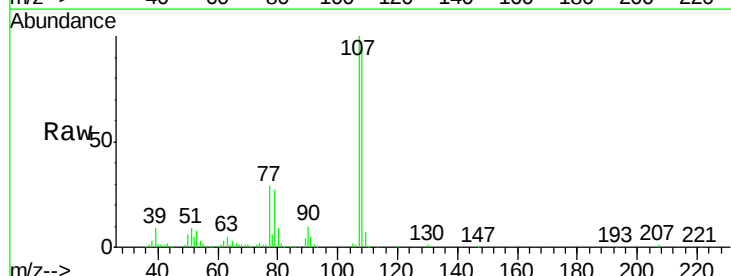
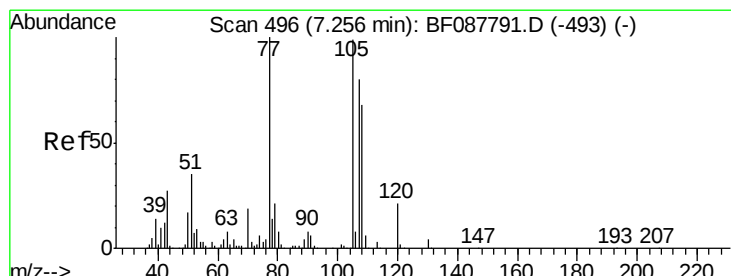
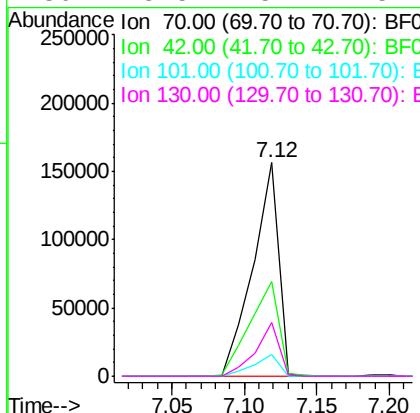




#19
n-Nitroso-di-n-propylamine
Concen: 46.90 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

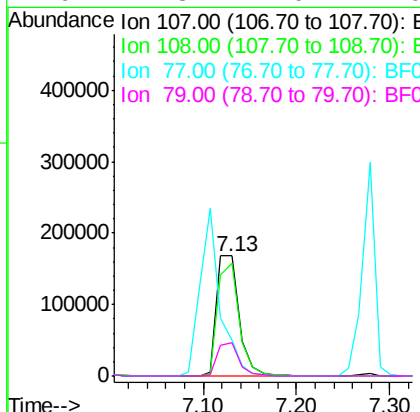
Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMS

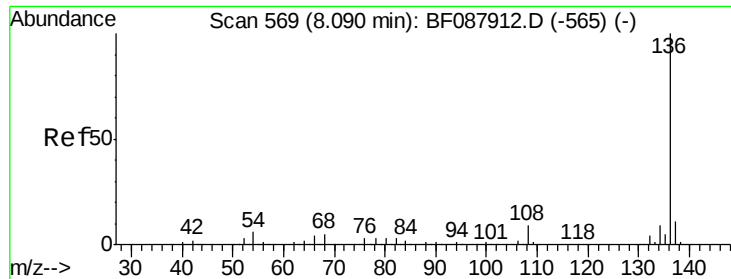
Tgt Ion: 70 Resp: 193812
Ion Ratio Lower Upper
70 100
42 44.6 49.6 74.4#
101 10.4 7.1 10.7
130 25.5 15.4 23.2#



#20
3+4-Methylphenols
Concen: 47.65 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

Tgt Ion: 107 Resp: 284476
Ion Ratio Lower Upper
107 100
108 93.6 67.8 107.8
77 29.4 59.3 99.3#
79 27.3 7.0 47.0

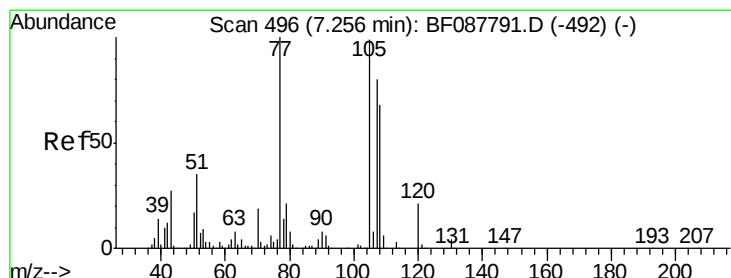
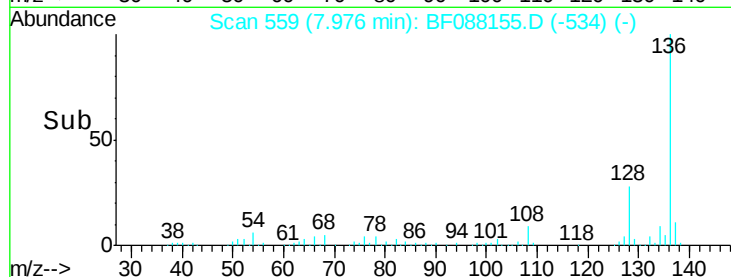
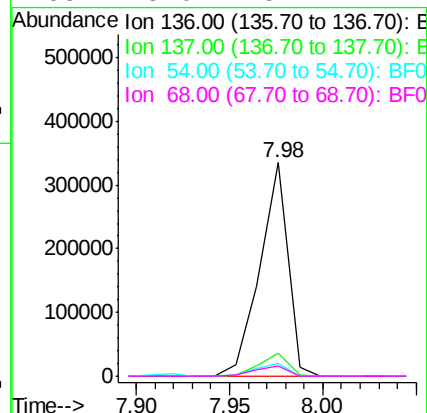
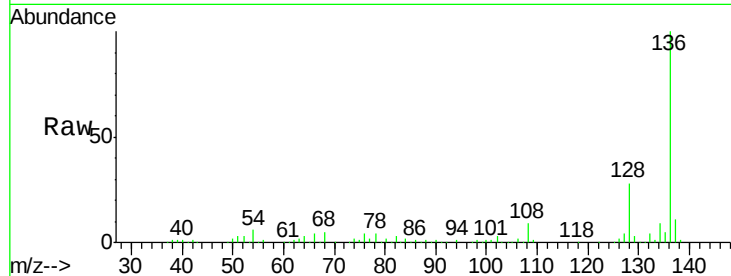




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

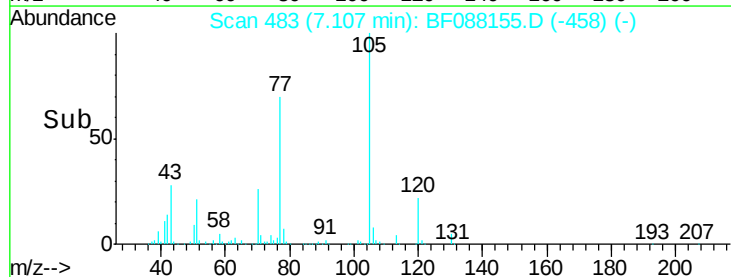
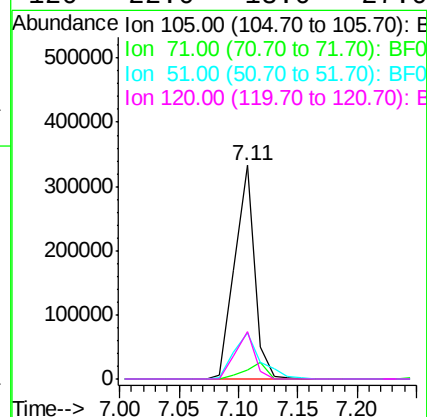
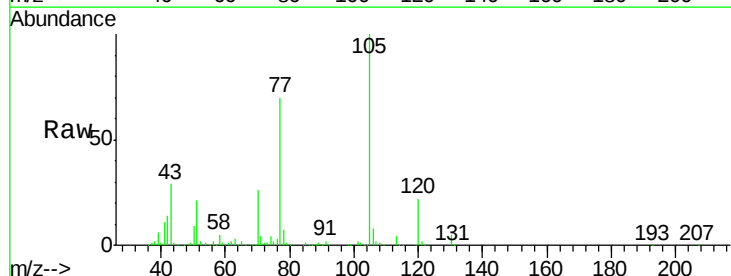
Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMS

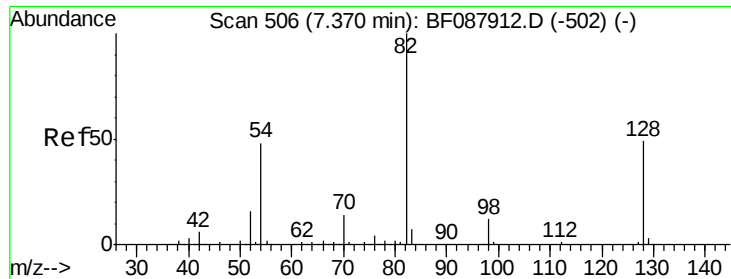
Tgt Ion:	136	Resp:	348278
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	5.7	6.6	10.0#
68	5.0	5.1	7.7#



#22
Acetophenone
Concen: 49.61 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

Tgt Ion:	105	Resp:	386089
Ion	Ratio	Lower	Upper
105	100		
71	4.3	5.3	7.9#
51	21.3	18.2	27.4
120	22.0	18.0	27.0

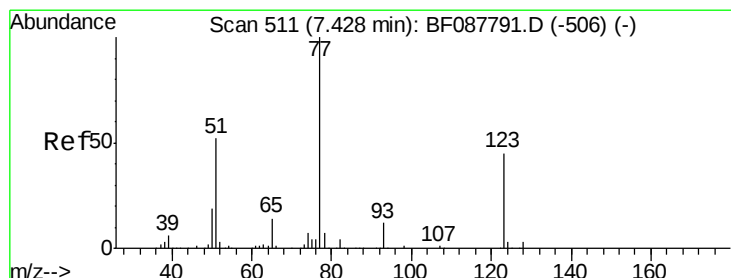
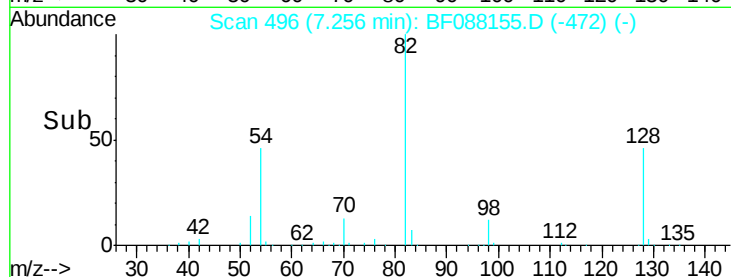
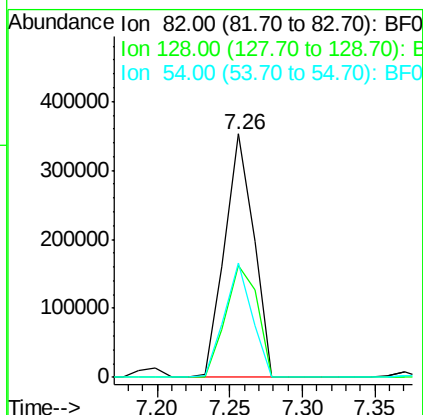
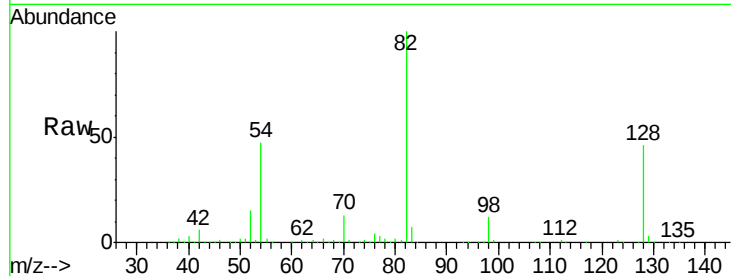




#23
 Nitrobenzene-d5
 Concen: 82.26 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

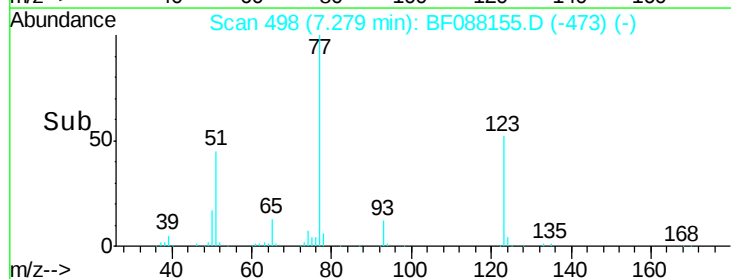
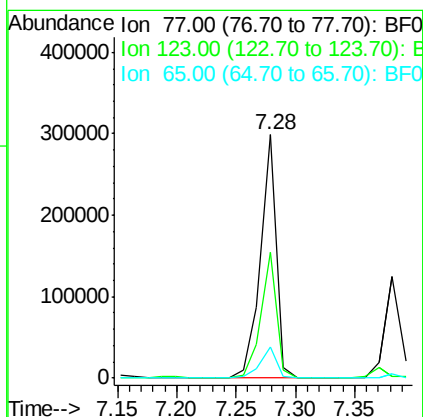
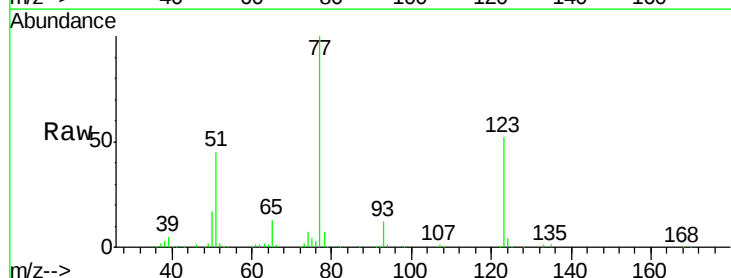
Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMS

Tgt Ion: 82 Resp: 490601
 Ion Ratio Lower Upper
 82 100
 128 45.9 35.9 53.9
 54 46.8 40.9 61.3



#24
 Nitrobenzene
 Concen: 48.53 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

Tgt Ion: 77 Resp: 280349
 Ion Ratio Lower Upper
 77 100
 123 51.6 45.0 67.4
 65 12.8 10.2 15.2





#25

Isophorone

Concen: 44.94 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMS

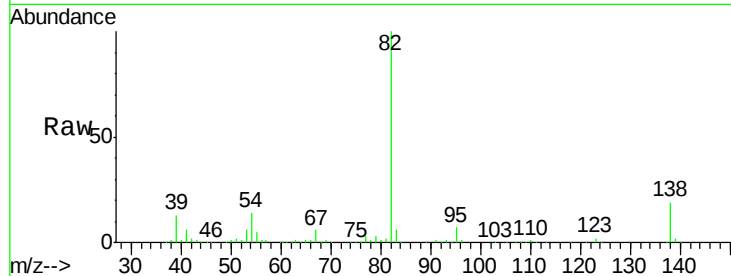
Tgt Ion: 82 Resp: 496439

Ion Ratio Lower Upper

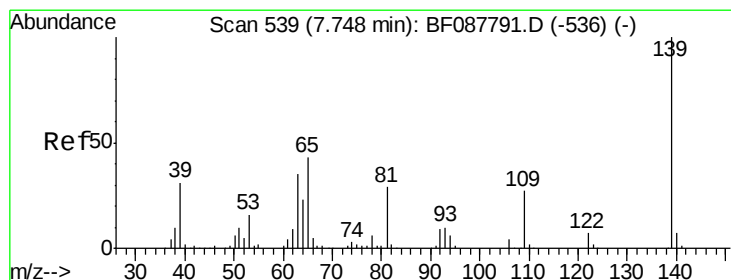
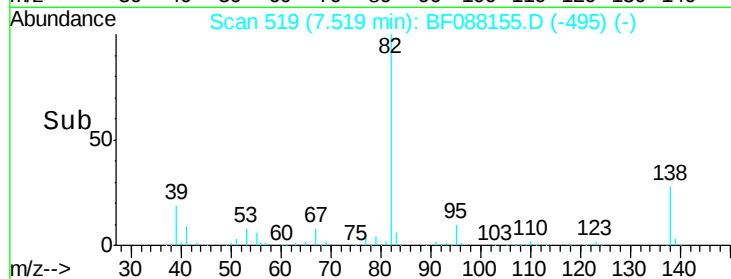
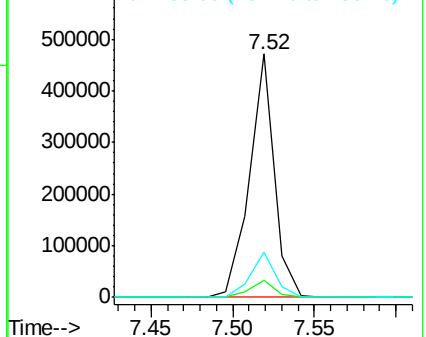
82 100

95 6.9 5.4 8.2

138 18.5 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.21 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

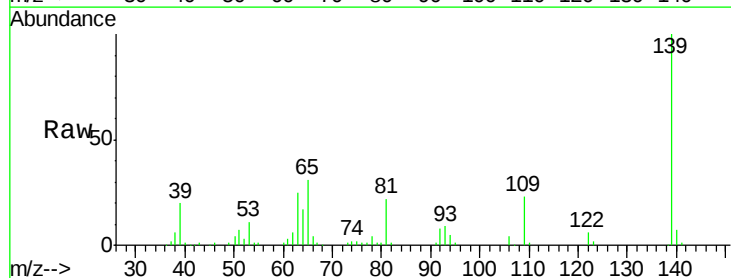
Tgt Ion: 139 Resp: 121333

Ion Ratio Lower Upper

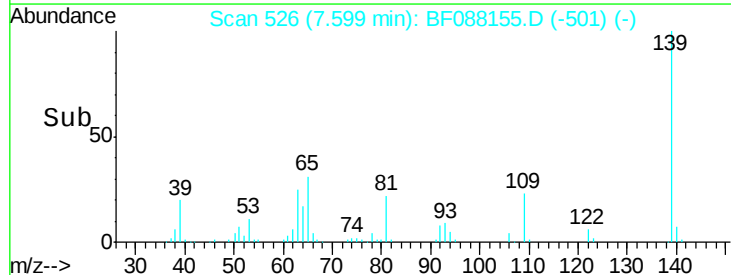
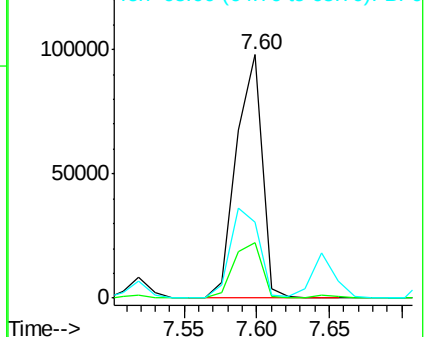
139 100

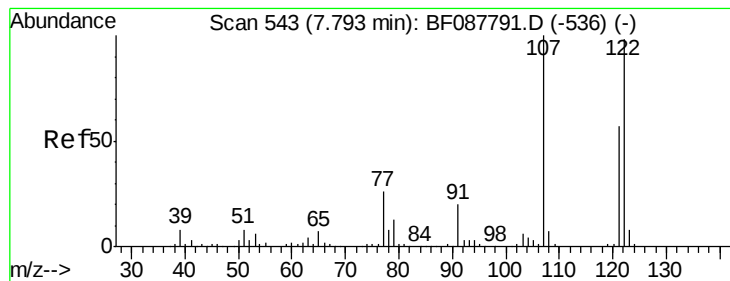
109 22.8 23.0 34.4#

65 31.4 45.8 68.8#



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





#27

2,4-Dimethylphenol

Concen: 40.86 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMS

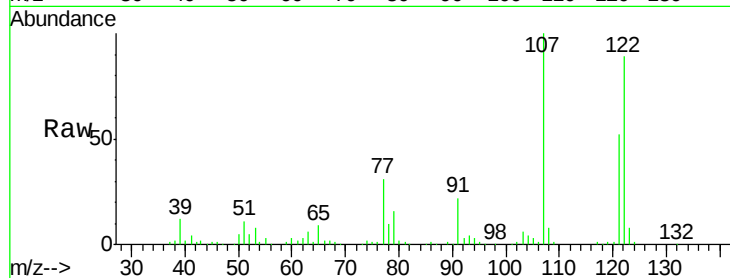
Tgt Ion: 122 Resp: 232845

Ion Ratio Lower Upper

122 100

107 112.1 82.4 123.6

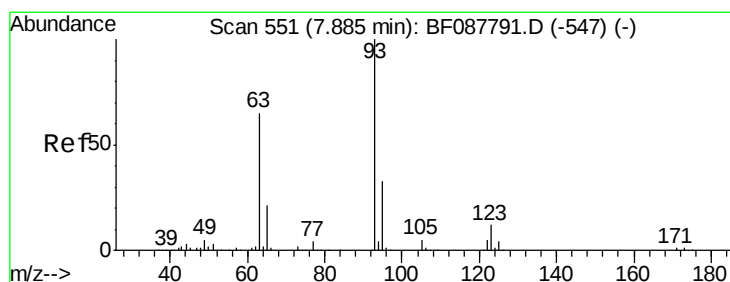
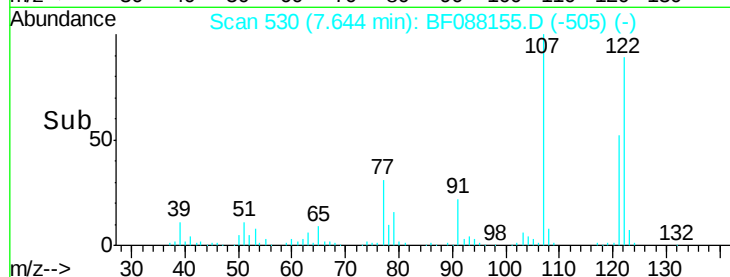
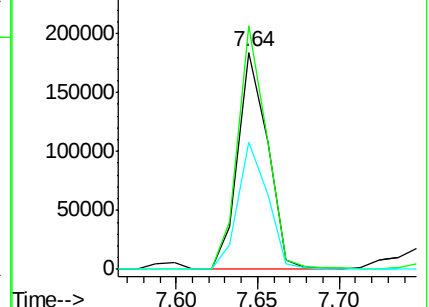
121 58.4 46.3 69.5



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: 40.59 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

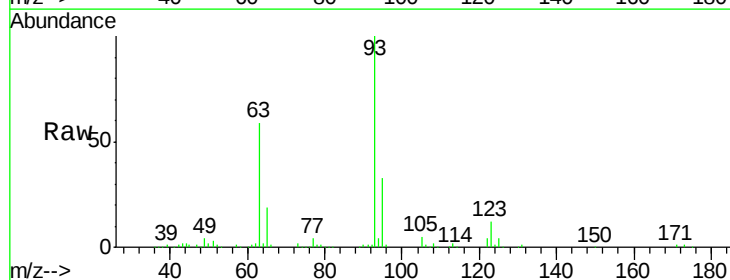
Tgt Ion: 93 Resp: 278103

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

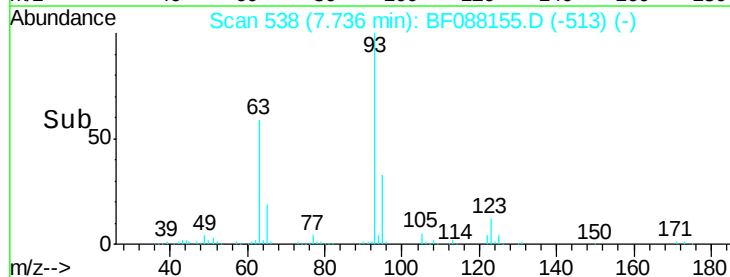
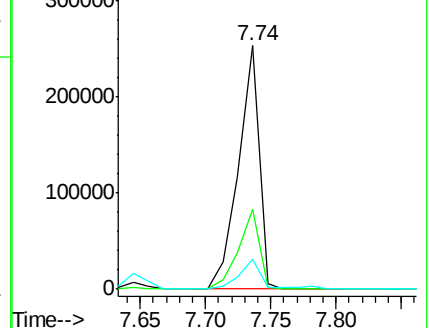
123 12.0 11.6 17.4

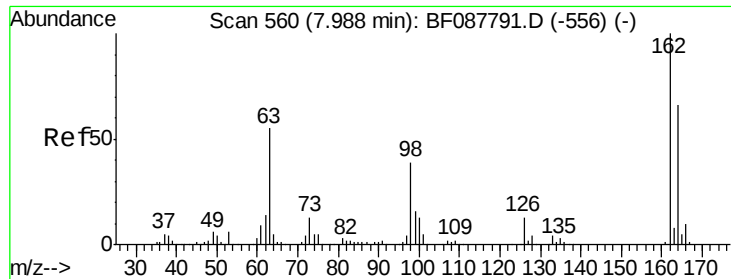


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

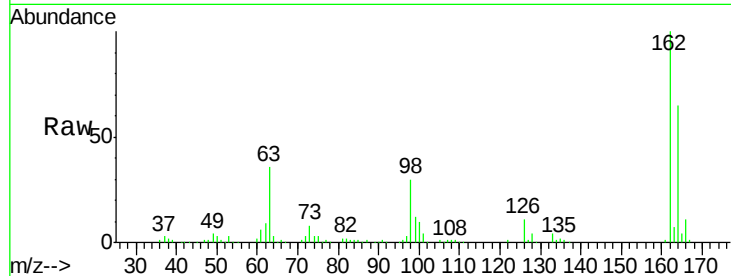




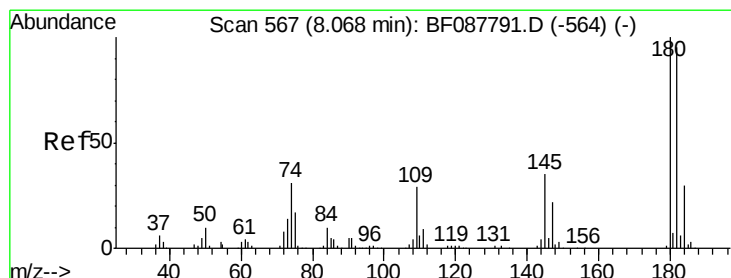
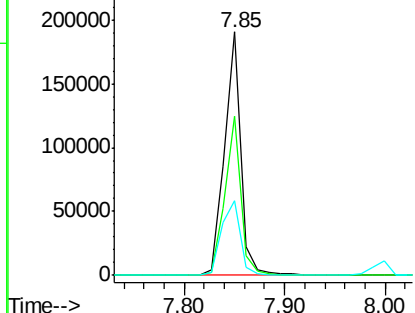
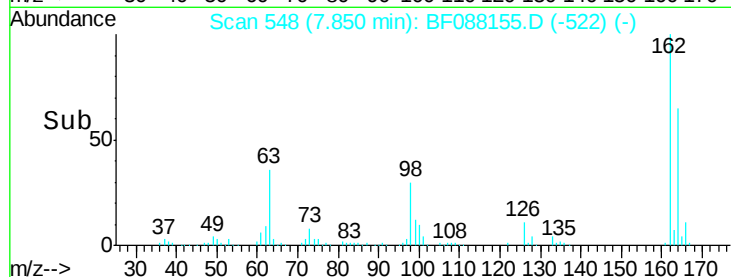
#29
 2,4-Dichlorophenol
 Concen: 44.97 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.00 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.8	83.8
98	30.5	21.3	61.3

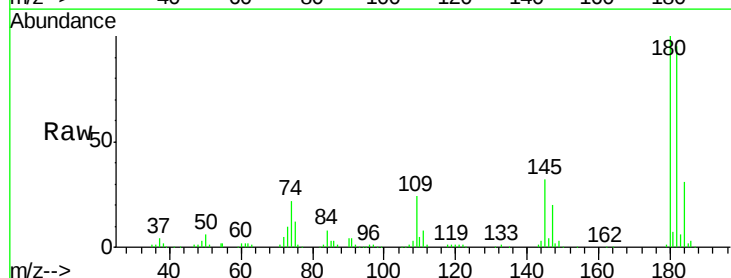


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

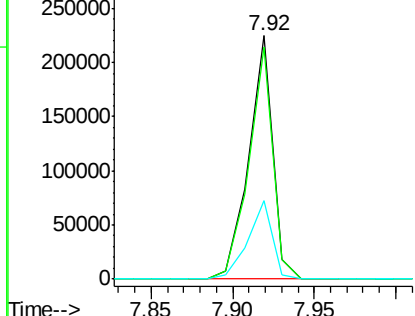
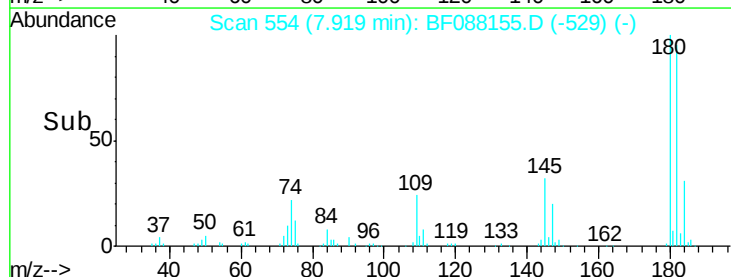


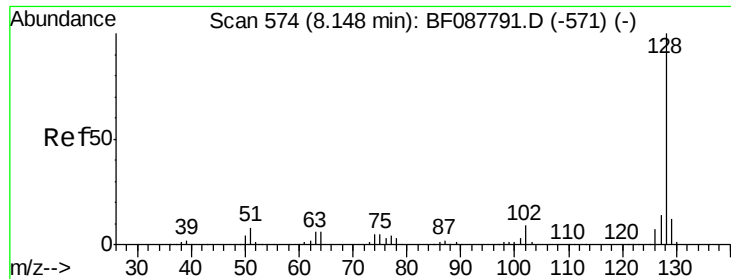
#30
 1,2,4-Trichlorobenzene
 Concen: 44.15 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.0	114.0
145	32.3	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

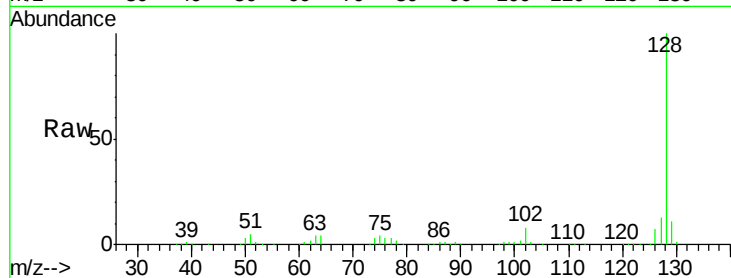




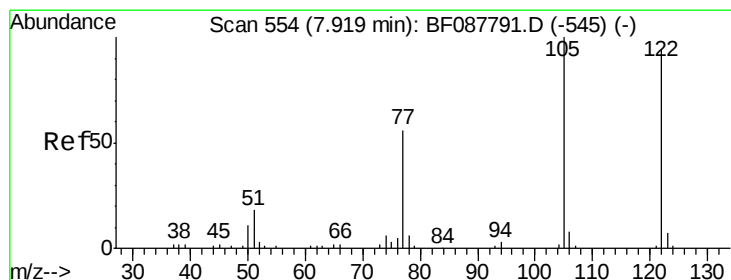
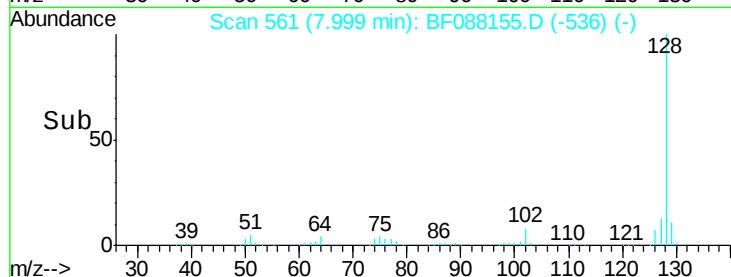
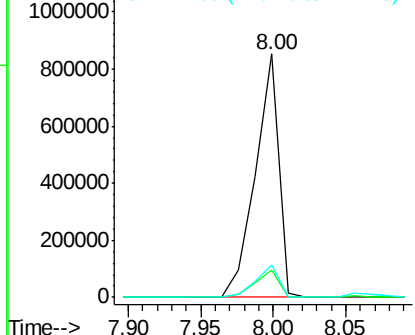
#31
Naphthalene
Concen: 55.26 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMS

Tgt Ion:128 Resp: 952442
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.5 10.9 16.3

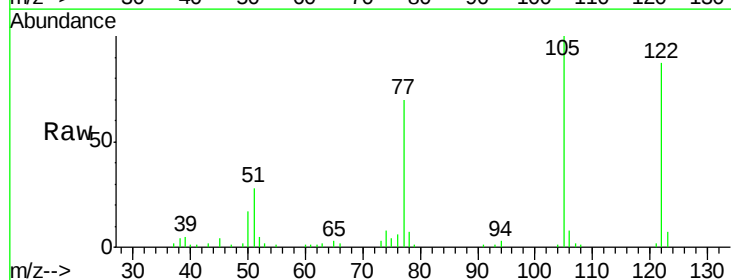


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

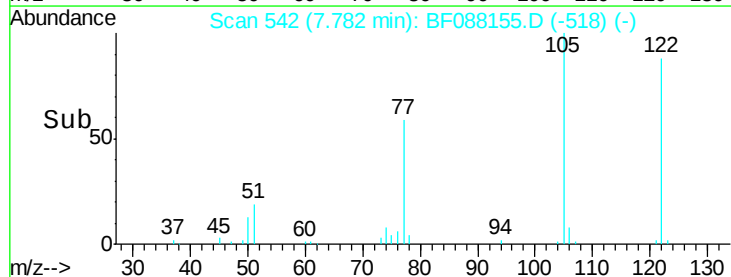
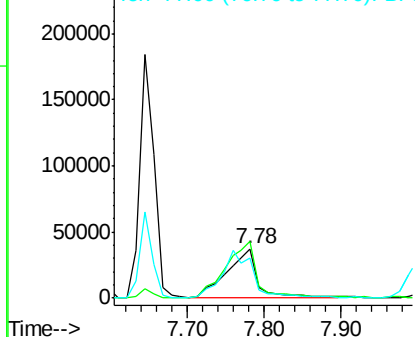


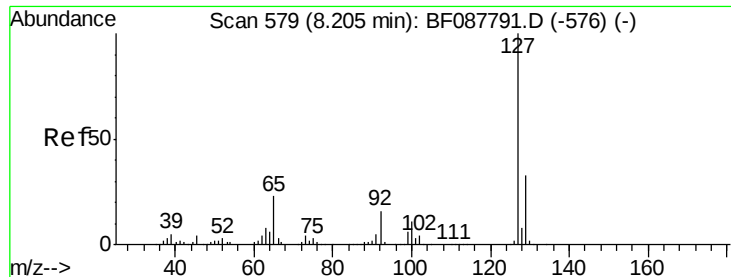
#32
Benzoic acid
Concen: 31.95 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

Tgt Ion:122 Resp: 100239
Ion Ratio Lower Upper
122 100
105 114.7 101.6 141.6
77 80.8 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

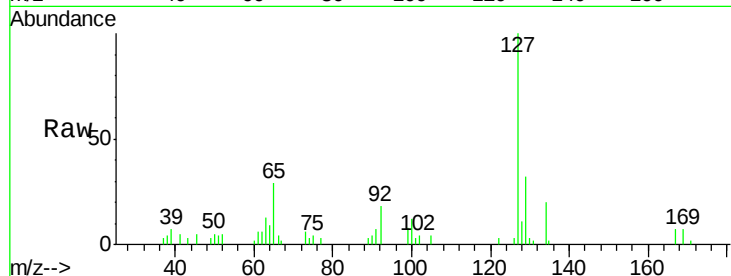




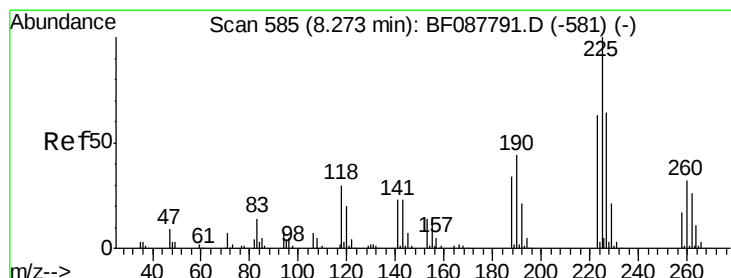
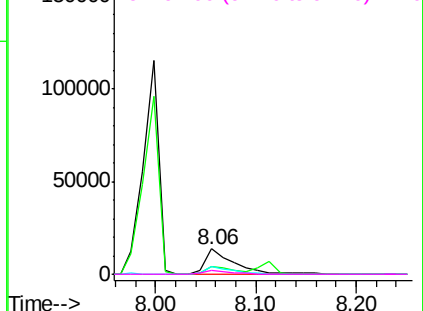
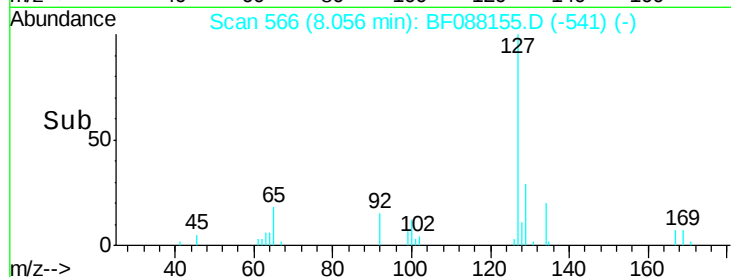
#33
4-Chloroaniline
Concen: 3.46 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMS

Tgt Ion:	127	Resp:	26636
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	28.9	24.7	37.1
92	17.6	15.4	23.0

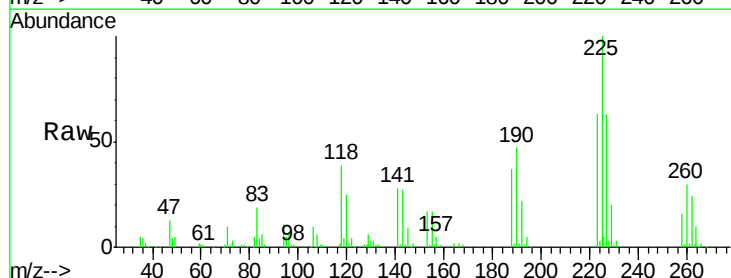


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

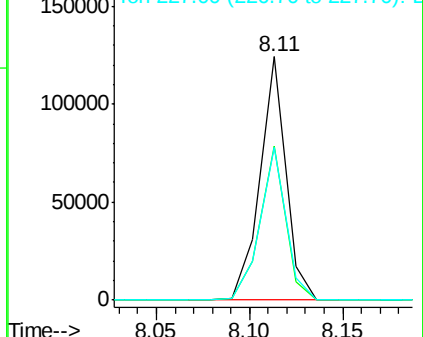
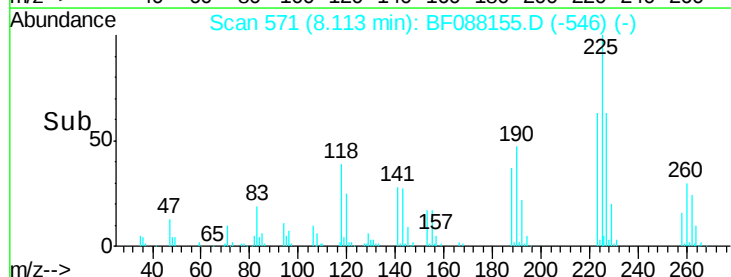


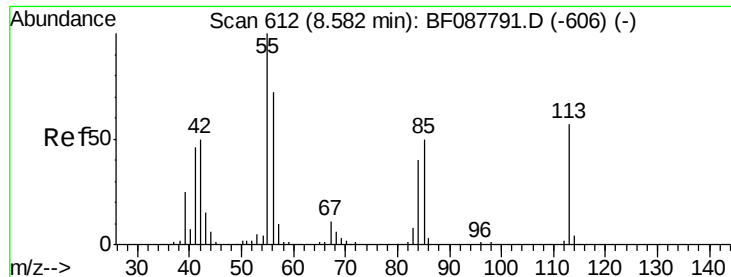
#34
Hexachlorobutadiene
Concen: 43.47 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

Tgt Ion:	225	Resp:	118771
Ion	Ratio	Lower	Upper
225	100		
223	63.1	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

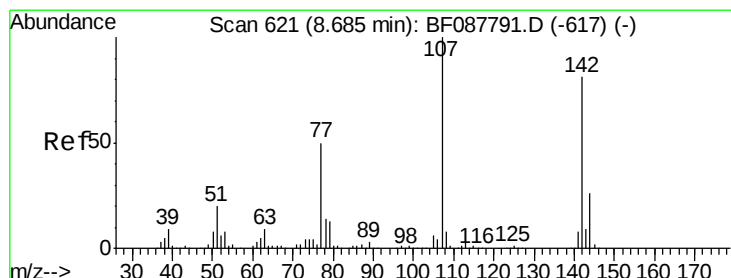
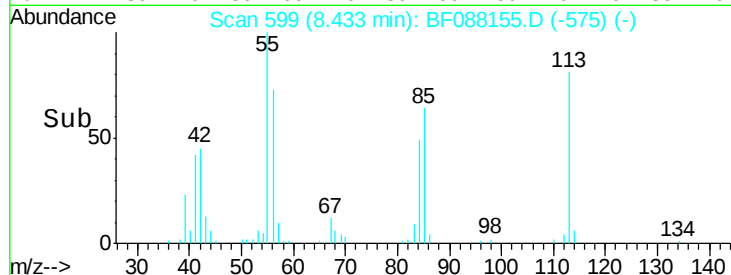
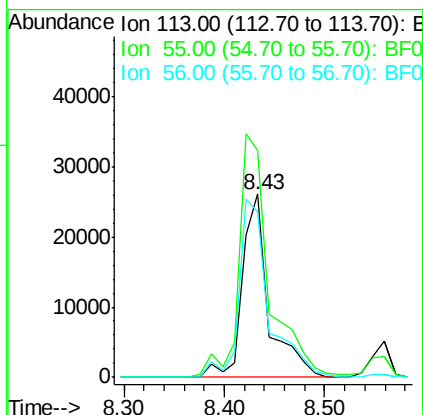
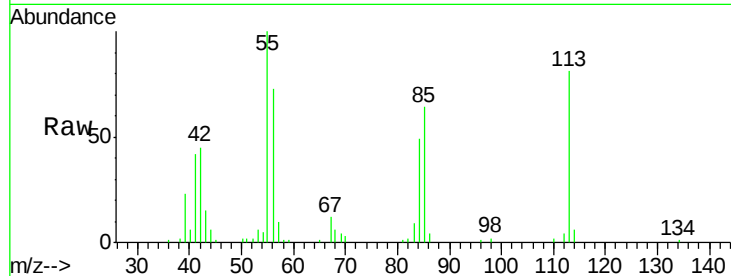




#35
 Caprolactam
 Concen: 30.26 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.02 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

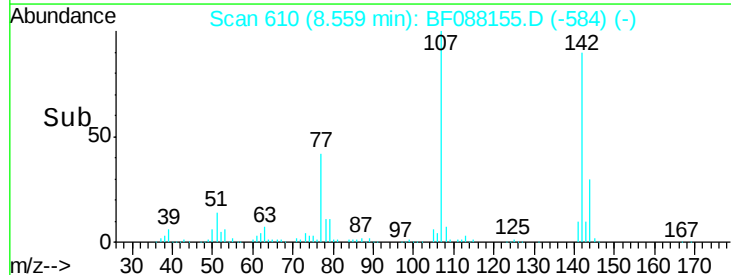
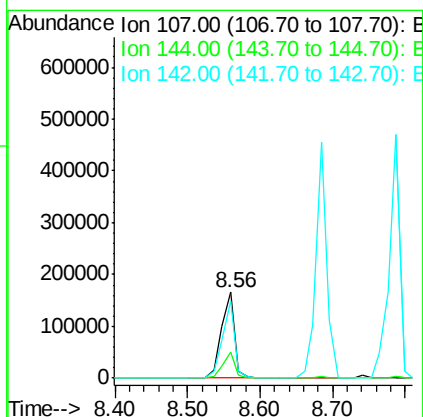
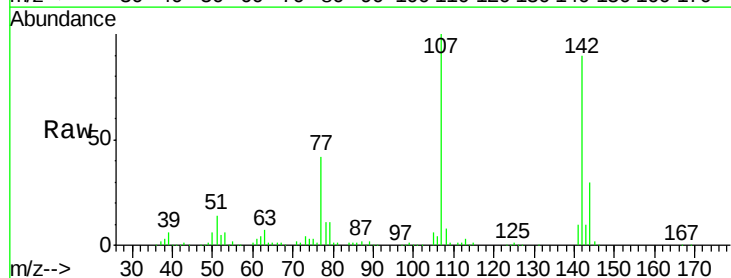
Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMS

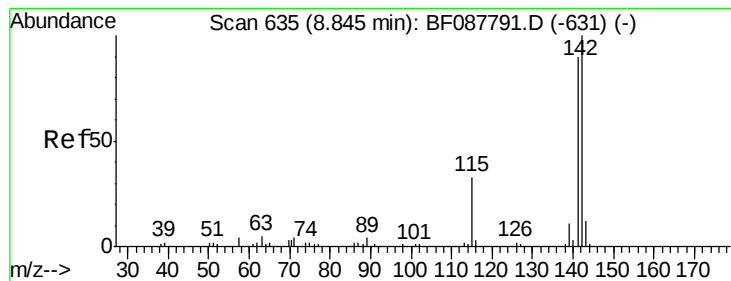
Tgt Ion:113 Resp: 47682
 Ion Ratio Lower Upper
 113 100
 55 123.7 158.6 198.6#
 56 90.3 110.6 150.6#



#36
 4-Chloro-3-methylphenol
 Concen: 41.22 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

Tgt Ion:107 Resp: 209708
 Ion Ratio Lower Upper
 107 100
 144 29.8 20.8 31.2
 142 90.1 63.4 95.2





#37

2-Methylnaphthalene

Concen: 41.40 ng

RT: 8.68 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMS

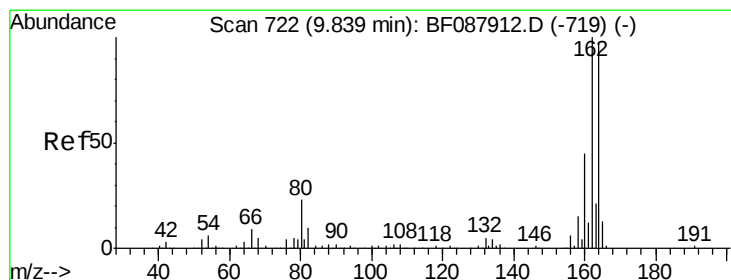
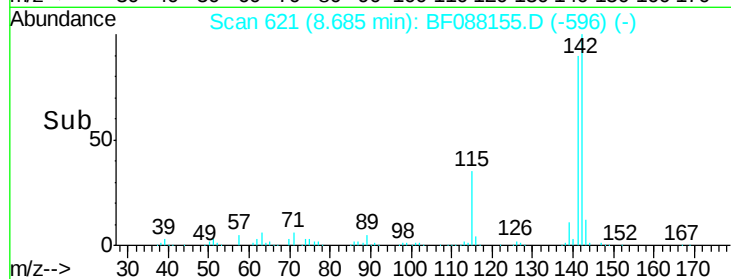
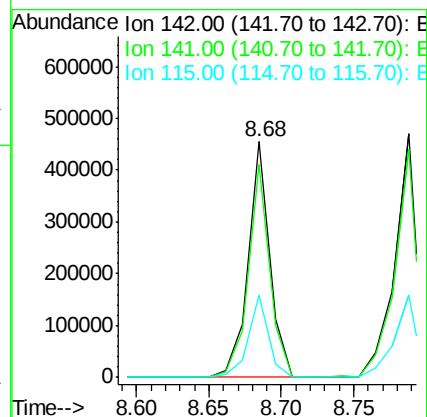
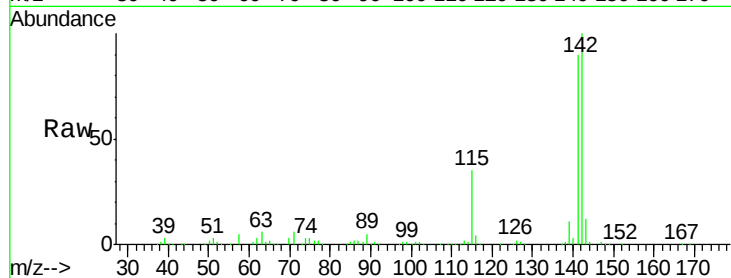
Tgt Ion:142 Resp: 470269

Ion Ratio Lower Upper

142 100

141 90.2 71.0 106.6

115 34.8 22.6 33.8#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

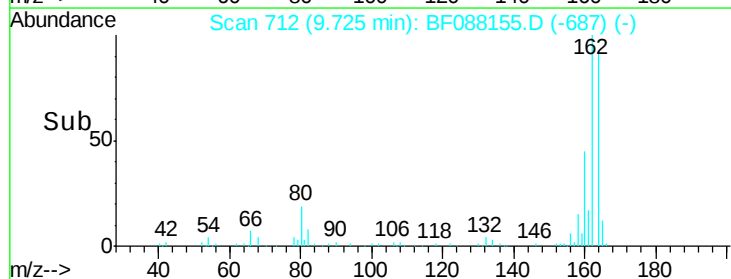
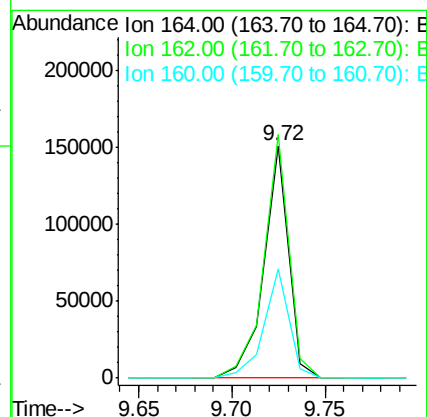
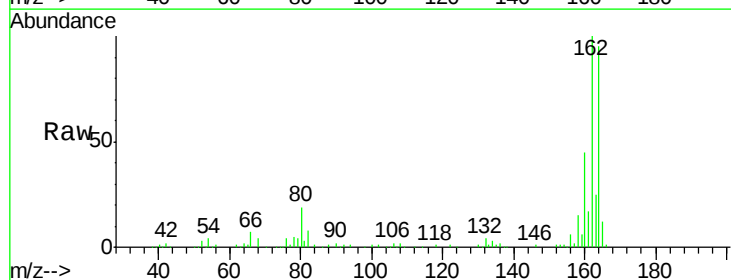
Tgt Ion:164 Resp: 137669

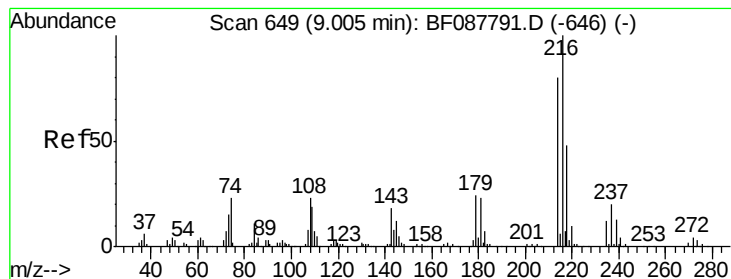
Ion Ratio Lower Upper

164 100

162 104.7 85.4 128.2

160 46.8 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 78.34 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMS

Tgt Ion:216 Resp: 211512

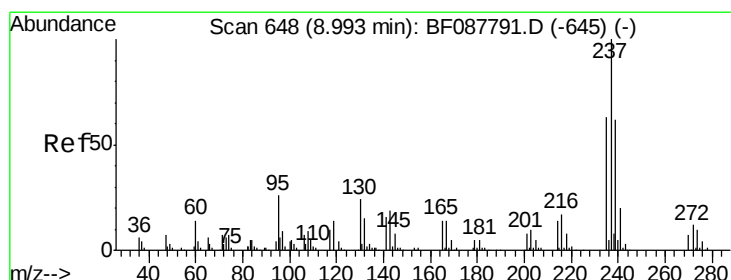
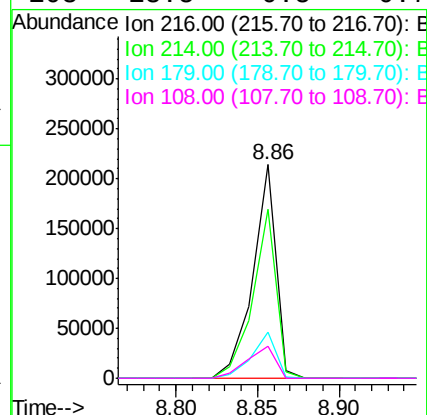
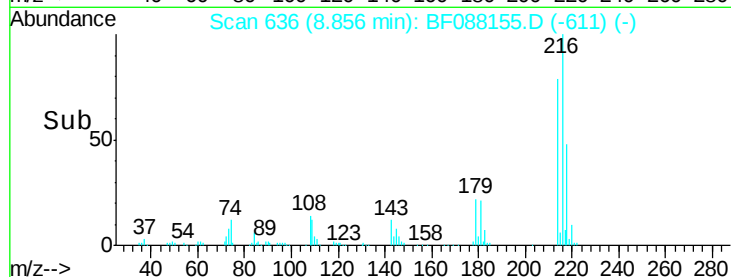
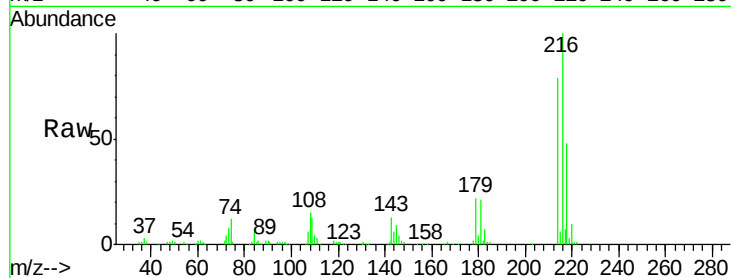
Ion Ratio Lower Upper

216 100

214 79.2 2.9 4.3#

179 22.5 0.0 0.0#

108 18.5 0.5 0.7#



#40

Hexachlorocyclopentadiene

Concen: 9.67 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

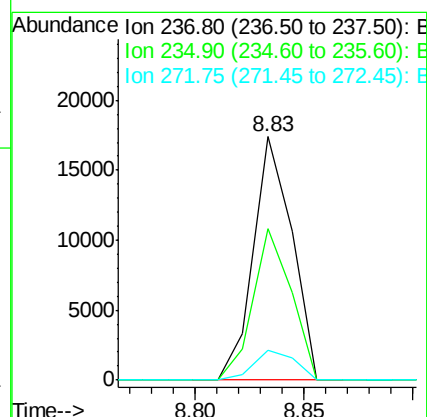
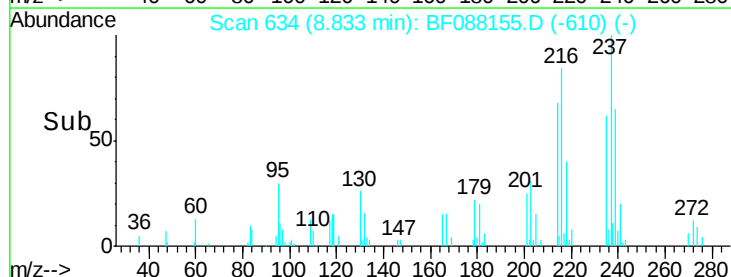
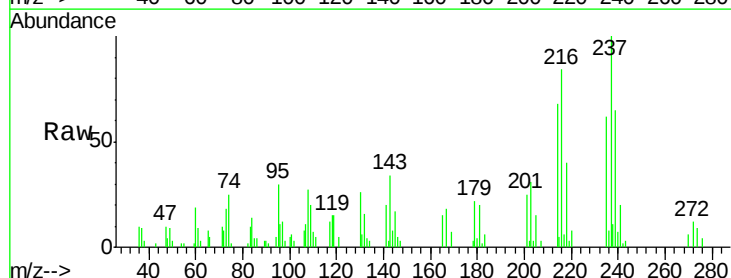
Tgt Ion:237 Resp: 21479

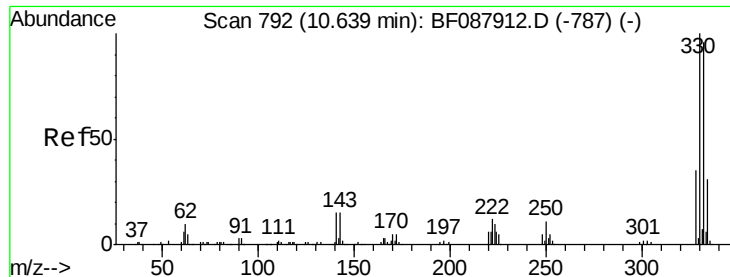
Ion Ratio Lower Upper

237 100

235 62.1 43.4 83.4

272 12.1 0.0 32.3

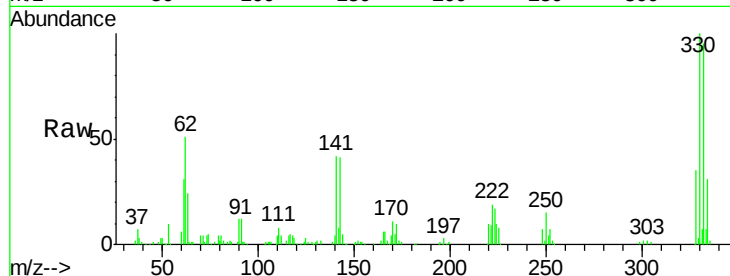




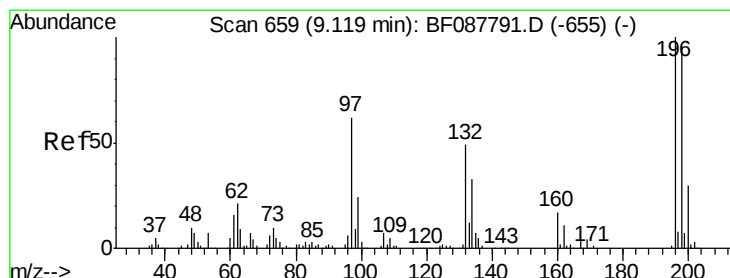
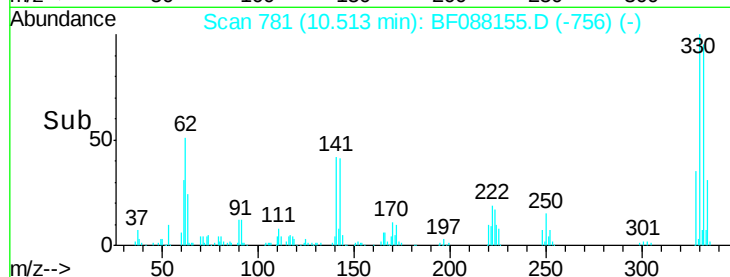
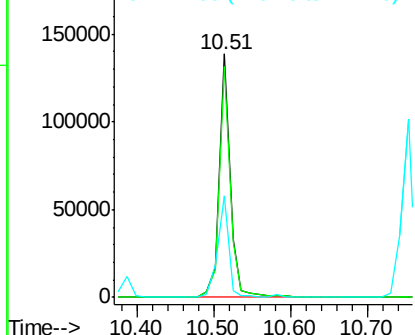
#41
 2,4,6-Tribromophenol
 Concen: 95.87 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	139365		
332	95.4	0.0	0.0	0.0
141	42.0	0.0	0.0	0.0

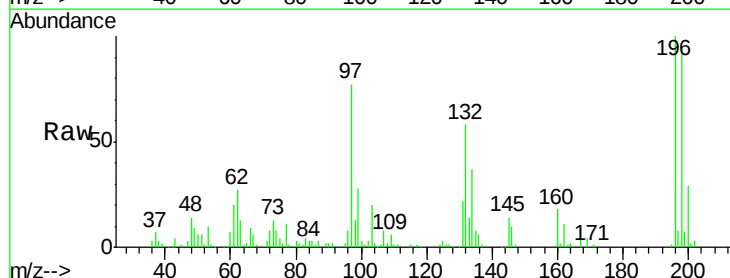


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

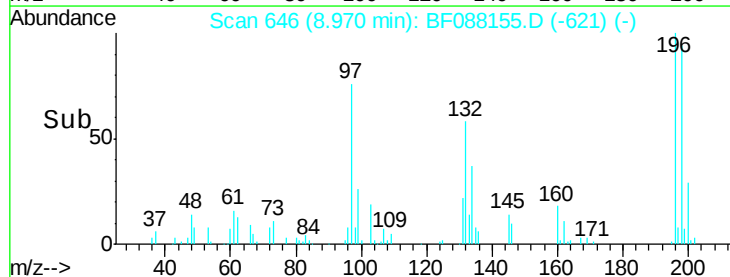
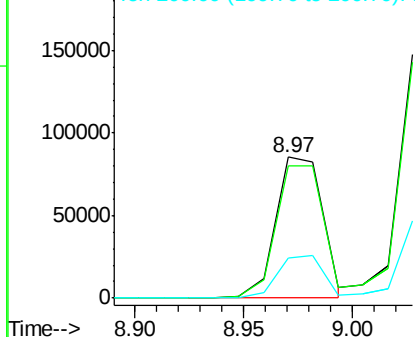


#42
 2,4,6-Trichlorophenol
 Concen: 46.55 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.01 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	128161		
198	93.5	78.0	117.0	
200	28.5	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

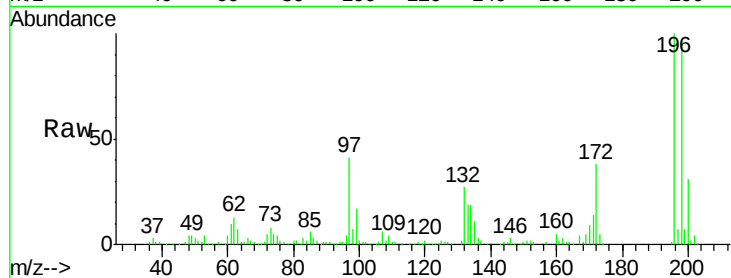




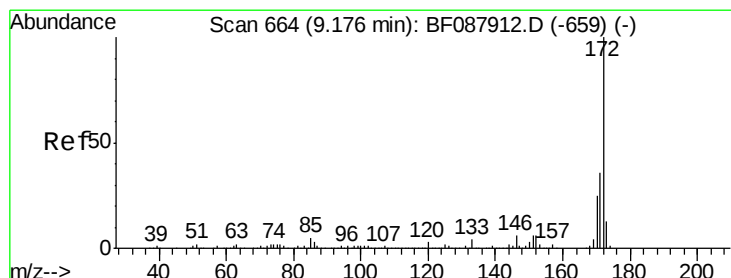
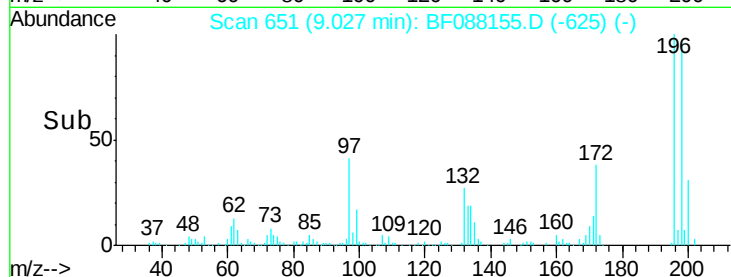
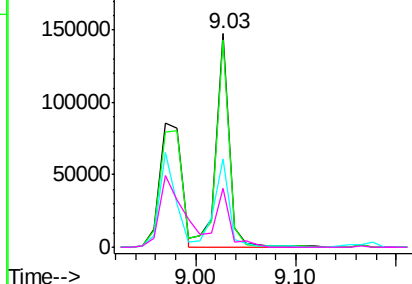
#43
 2,4,5-Trichlorophenol
 Concen: 46.46 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMS

Tgt Ion:196 Resp: 133075
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.5 116.3
 97 41.5 32.0 48.0
 132 27.4 20.9 31.3

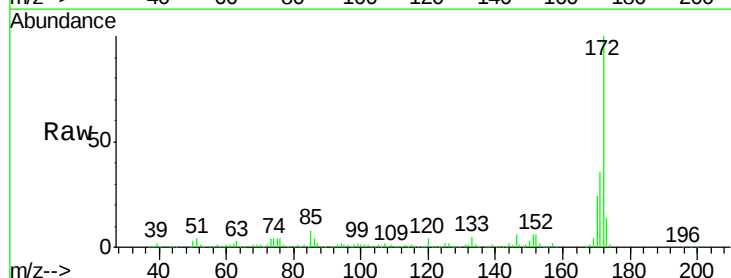


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

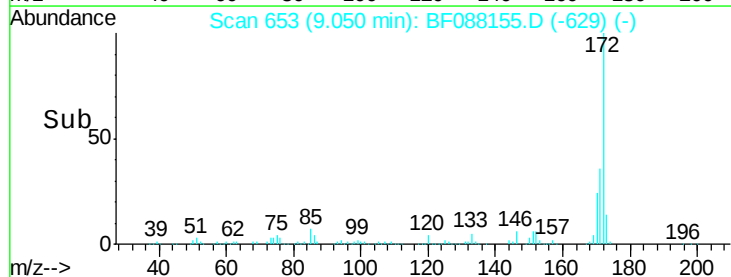
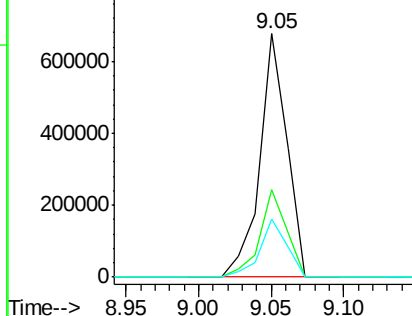


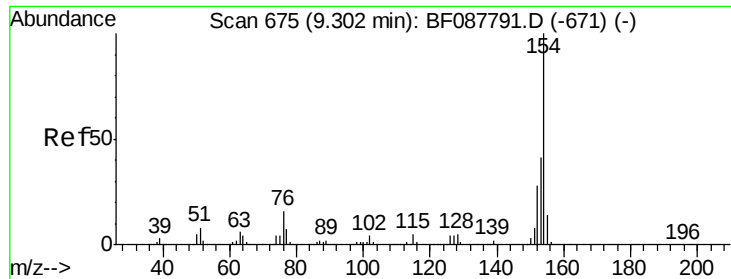
#44
 2-Fluorobiphenyl
 Concen: 100.41 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

Tgt Ion:172 Resp: 871186
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

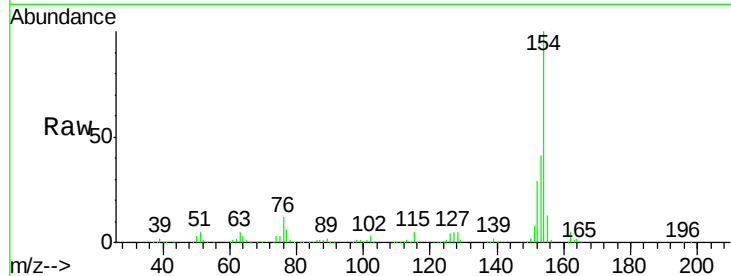




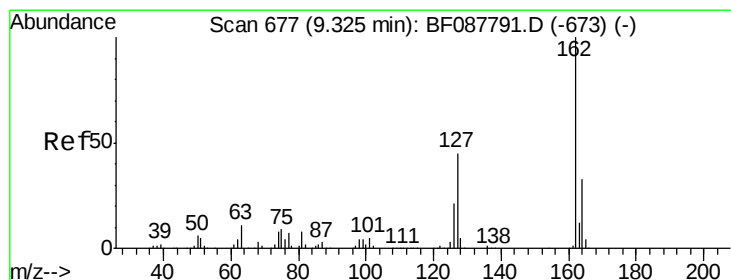
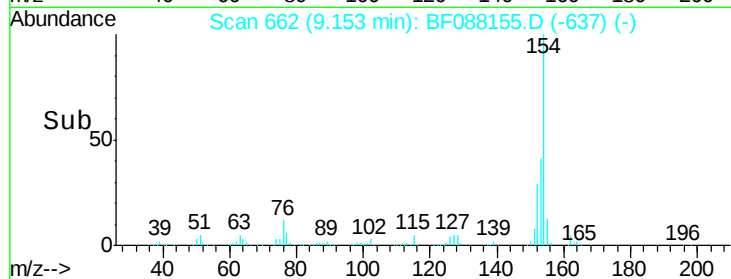
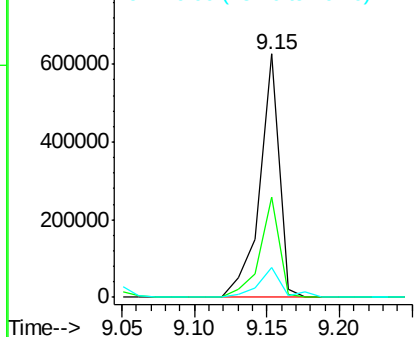
#45
 1,1'-Biphenyl
 Concen: 58.35 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMS

Tgt Ion:154 Resp: 583975
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.6 60.6
 76 12.0 0.0 35.1

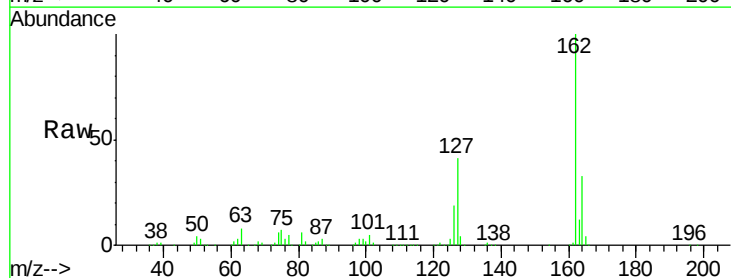


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

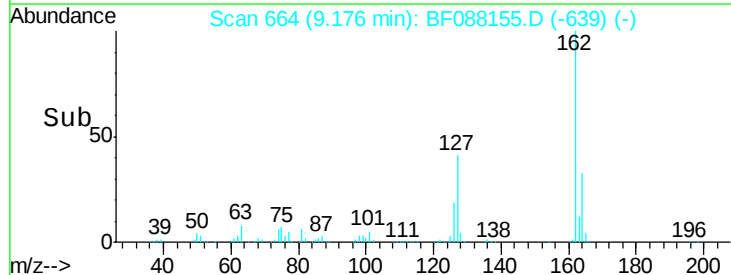
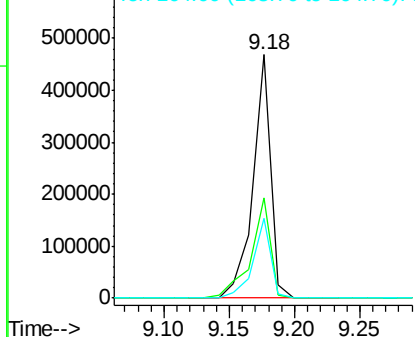


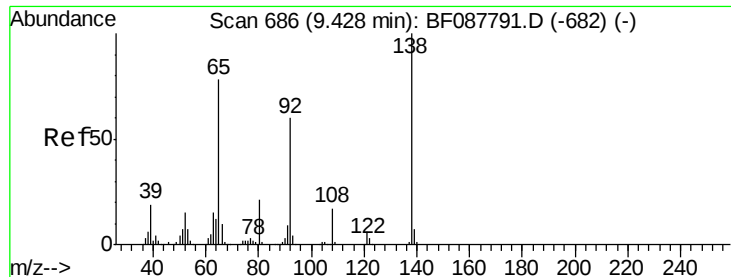
#46
 2-Chloronaphthalene
 Concen: 49.75 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

Tgt Ion:162 Resp: 443194
 Ion Ratio Lower Upper
 162 100
 127 41.1 35.2 52.8
 164 33.0 26.6 39.8



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

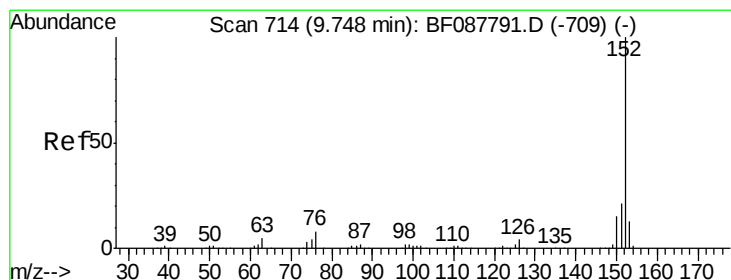
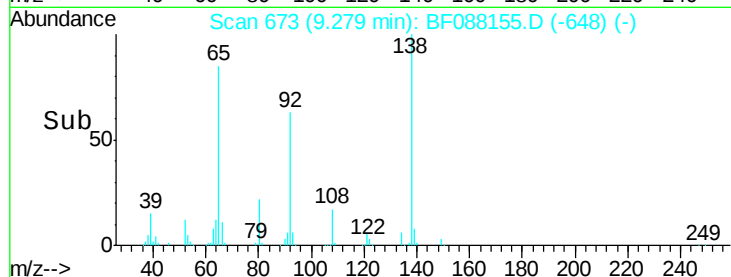
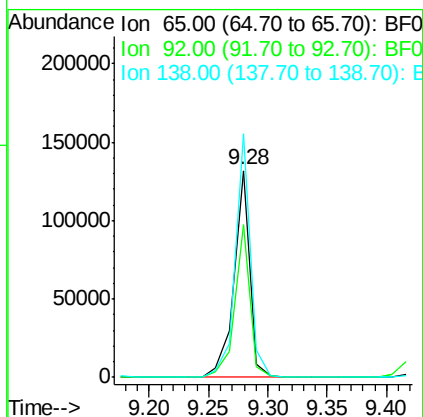
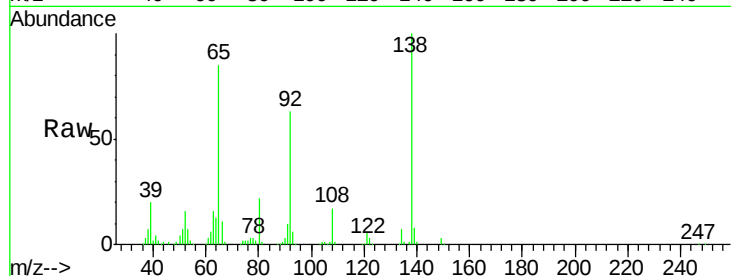




#47
2-Nitroaniline
Concen: 46.57 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

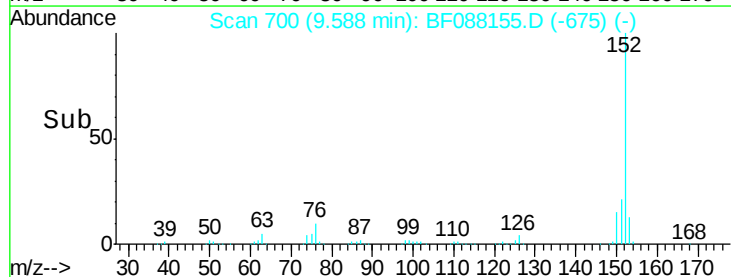
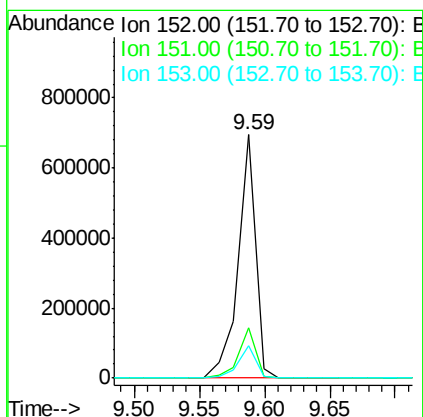
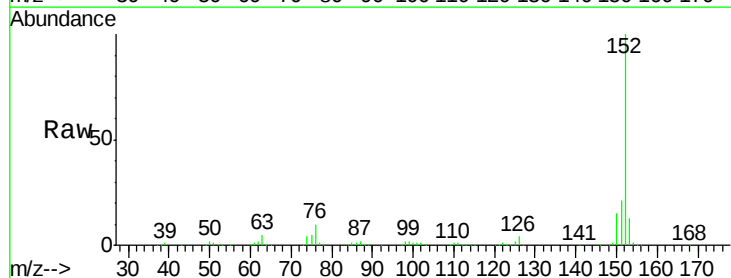
Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMS

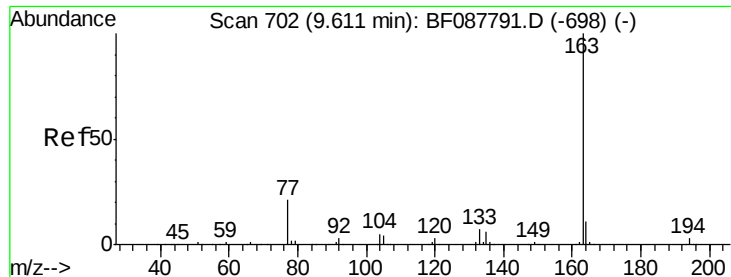
Tgt Ion: 65 Resp: 122377
Ion Ratio Lower Upper
65 100
92 74.0 54.6 82.0
138 117.6 77.0 115.4#



#48
Acenaphthylene
Concen: 45.19 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

Tgt Ion: 152 Resp: 640411
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.3 11.0 16.6





#49

Dimethylphthalate

Concen: 55.85 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMS

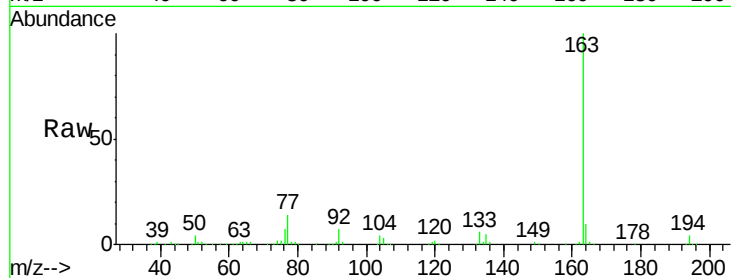
Tgt Ion:163 Resp: 556994

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

164 9.9 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

600000

500000

400000

300000

200000

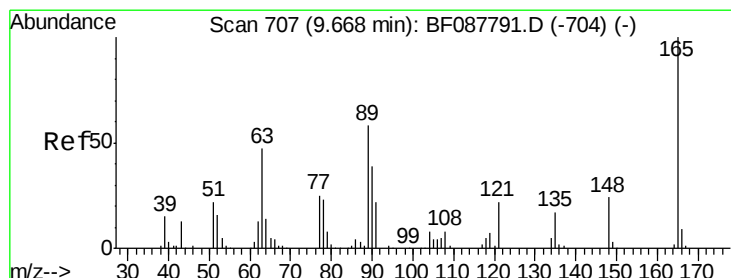
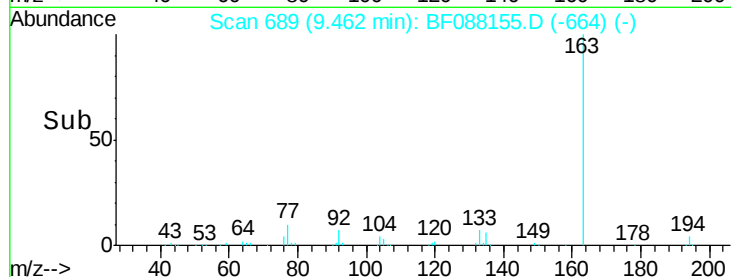
100000

0

9.46

9.35 9.40 9.45 9.50 9.55

Time-->



#50

2,6-Dinitrotoluene

Concen: 41.56 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

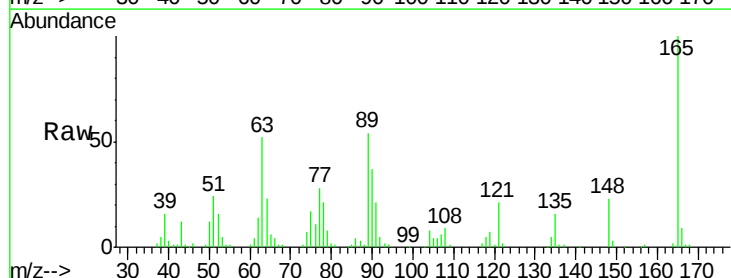
Tgt Ion:165 Resp: 94923

Ion Ratio Lower Upper

165 100

63 51.8 28.1 42.1#

89 53.9 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

100000

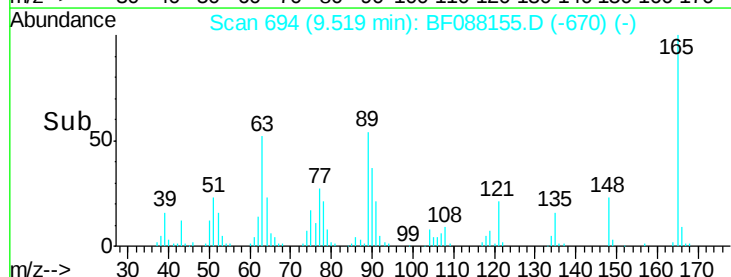
50000

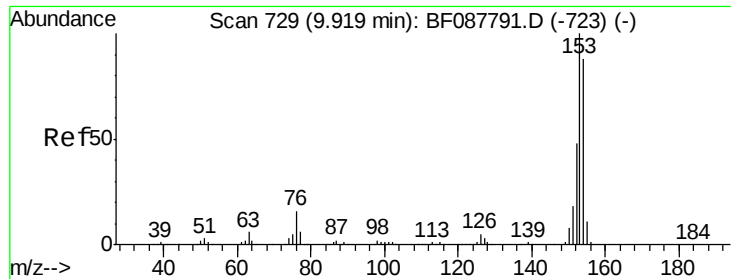
0

9.52

9.50 9.55

Time-->





#51

Acenaphthene

Concen: 45.49 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMS

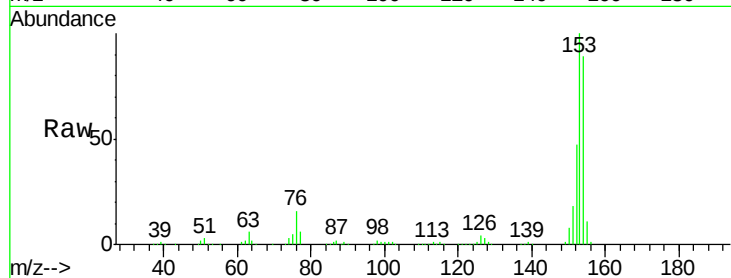
Tgt Ion:154 Resp: 402119

Ion Ratio Lower Upper

154 100

153 112.5 89.5 134.3

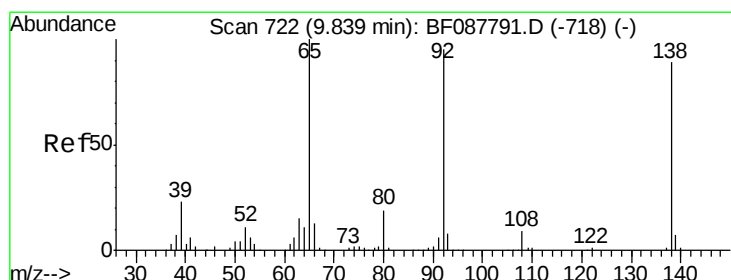
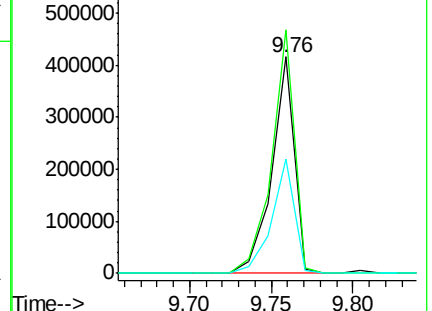
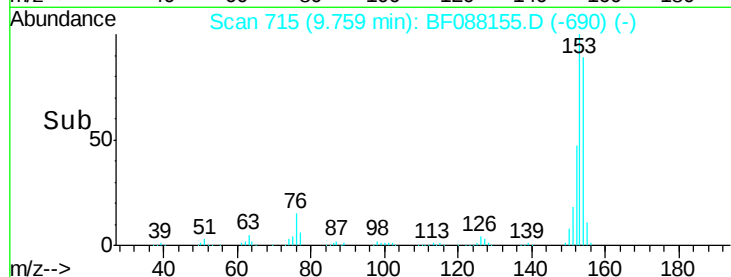
152 52.9 42.7 64.1



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: 23.57 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

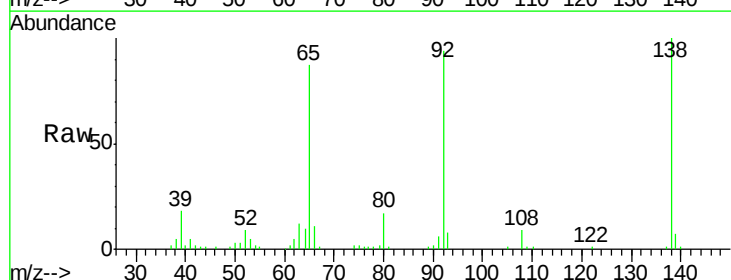
Tgt Ion:138 Resp: 62114

Ion Ratio Lower Upper

138 100

108 9.0 8.5 12.7

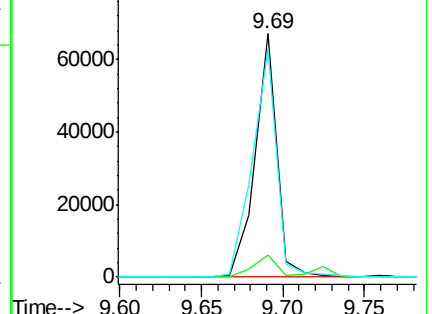
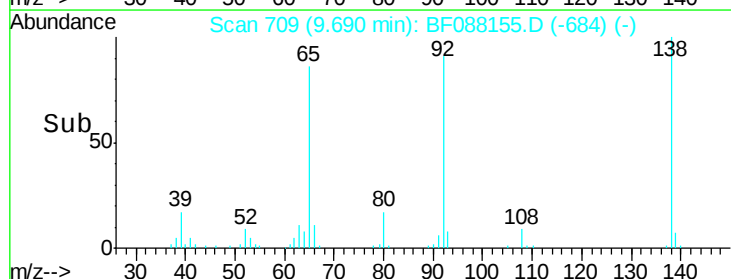
92 93.6 95.7 143.5#



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

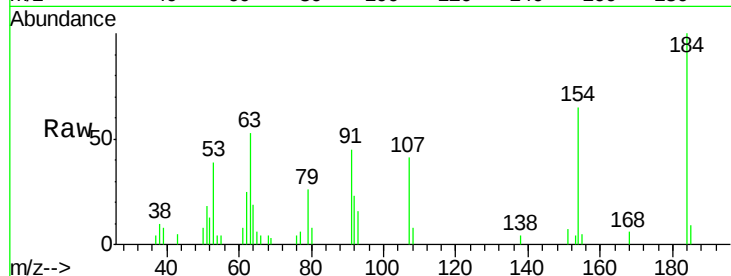




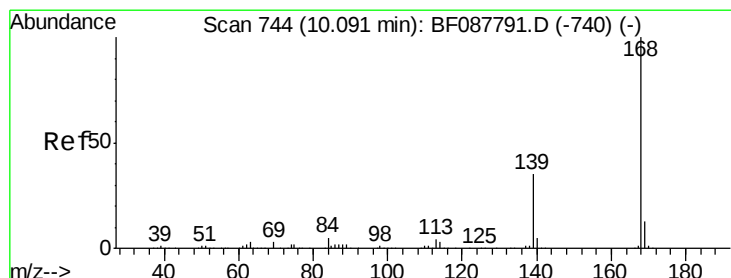
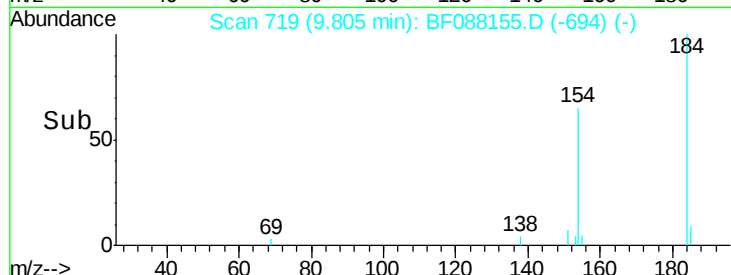
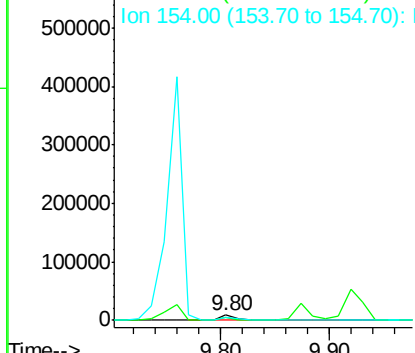
#53
2,4-Dinitrophenol
Concen: 15.13 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMS

Tgt Ion:184 Resp: 12863
Ion Ratio Lower Upper
184 100
63 53.3 57.6 86.4#
154 64.5 53.5 80.3

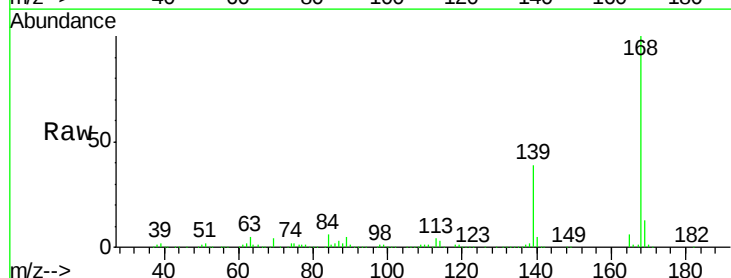


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

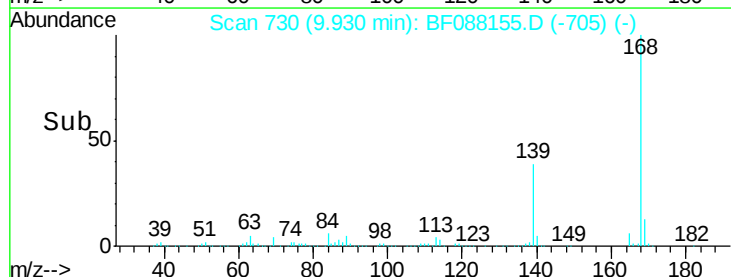
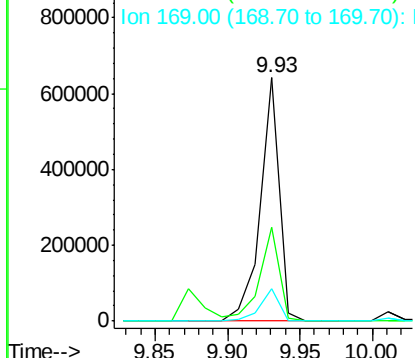


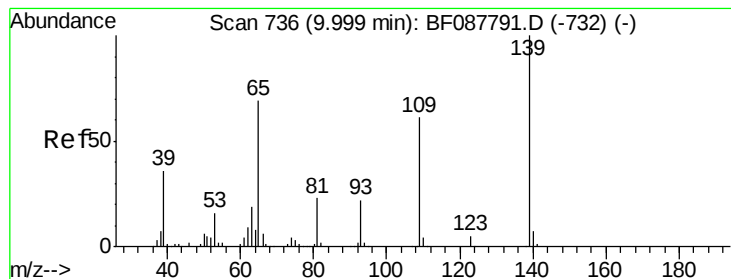
#54
Dibenzofuran
Concen: 47.53 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

Tgt Ion:168 Resp: 578580
Ion Ratio Lower Upper
168 100
139 38.5 26.4 39.6
169 13.5 10.4 15.6



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





#55

4-Nitrophenol

Concen: 45.31 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMS

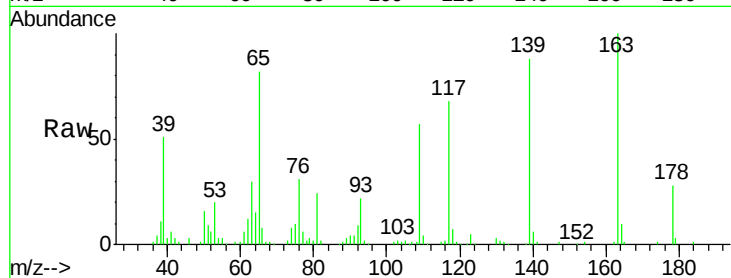
Tgt Ion:139 Resp: 92675

Ion Ratio Lower Upper

139 100

109 64.7 48.9 88.9

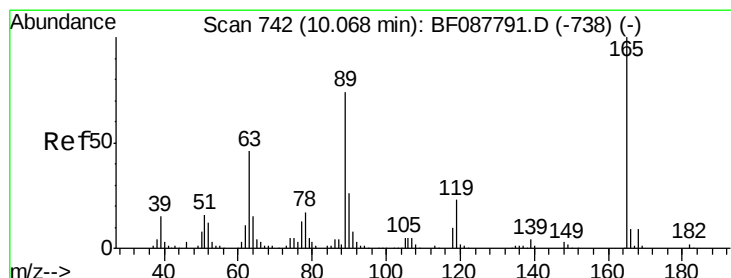
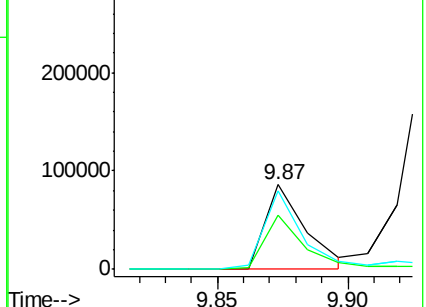
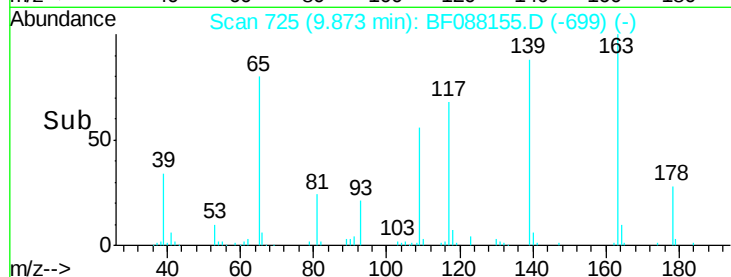
65 93.4 84.9 124.9



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: 33.10 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

Tgt Ion:165 Resp: 97152

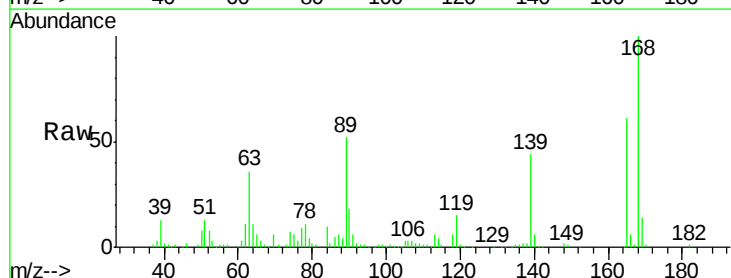
Ion Ratio Lower Upper

165 100

63 59.3 22.0 33.0#

89 85.9 41.1 61.7#

182 2.2 2.0 3.0

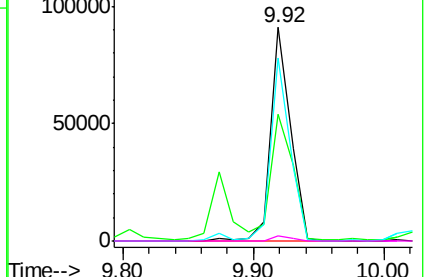
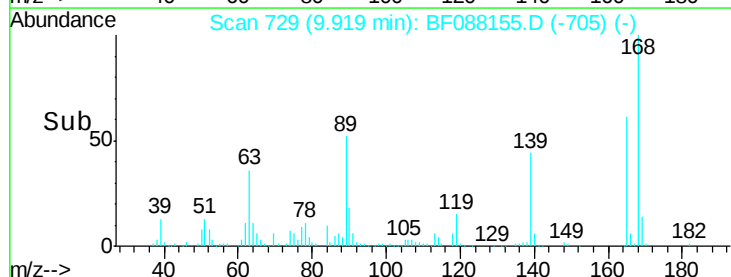


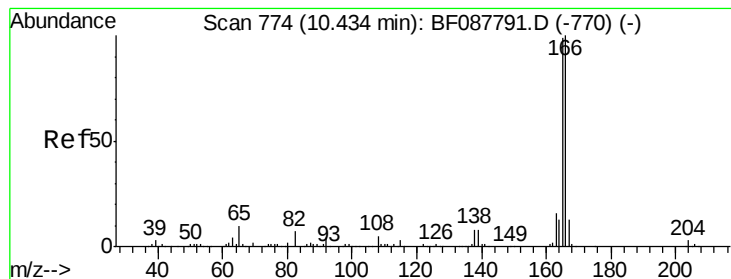
Abundance Ion 165.00 (164.70 to 165.70): E

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: 54.12 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMS

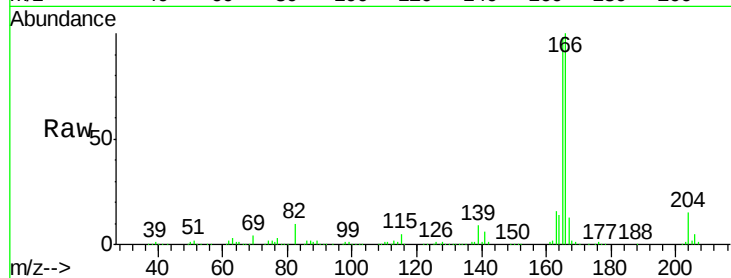
Tgt Ion:166 Resp: 437181

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.8

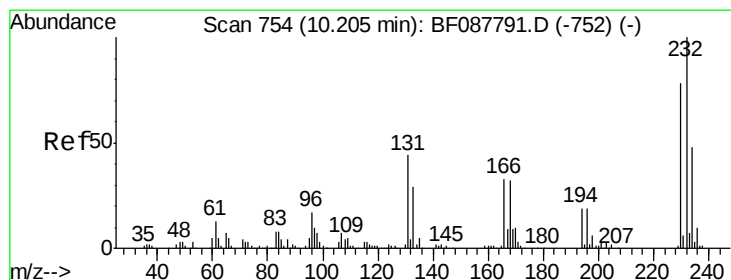
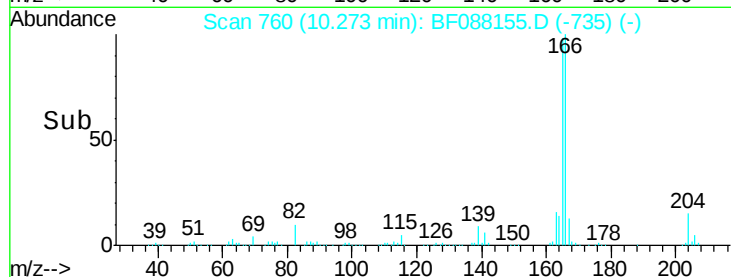
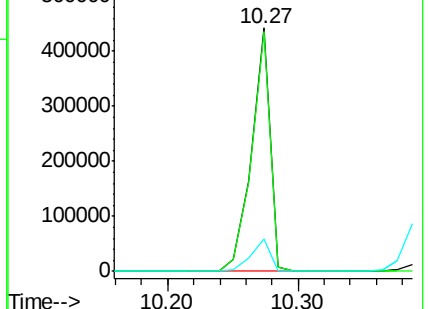
167 13.3 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.89 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

Tgt Ion:232 Resp: 98787

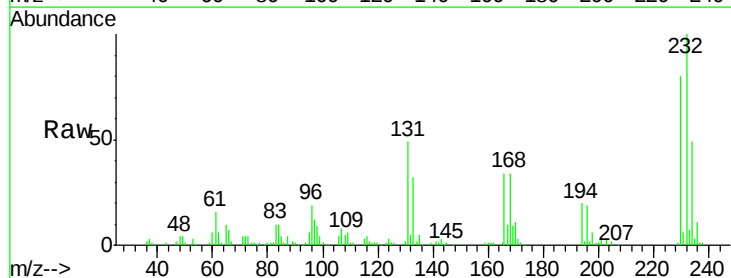
Ion Ratio Lower Upper

232 100

131 46.7 0.9 1.3#

130 0.0 1.5 2.3#

166 31.4 0.5 0.7#

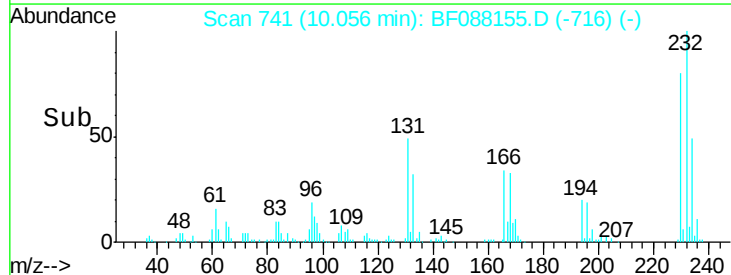
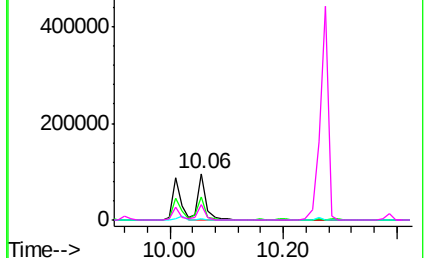


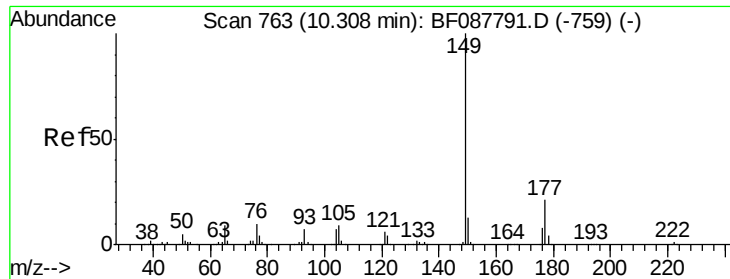
Abundance Ion 232.00 (231.70 to 232.70): E

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

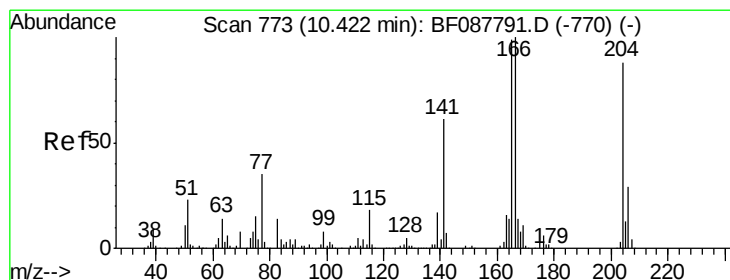
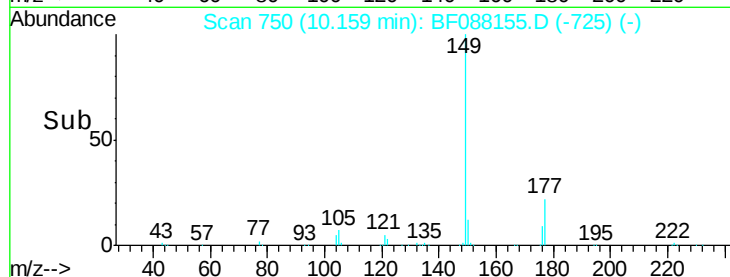
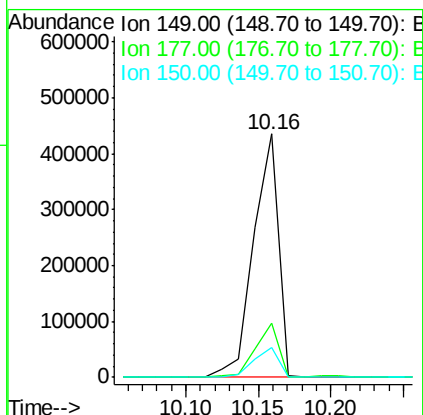
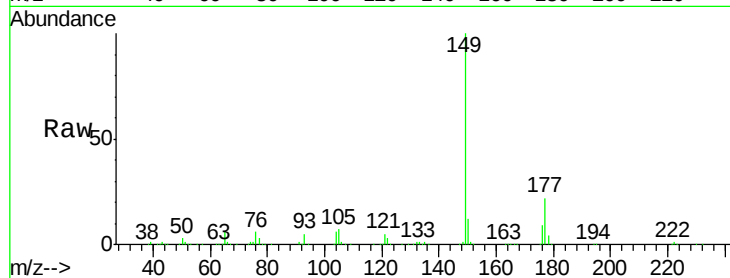




#59
Diethylphthalate
Concen: 51.32 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

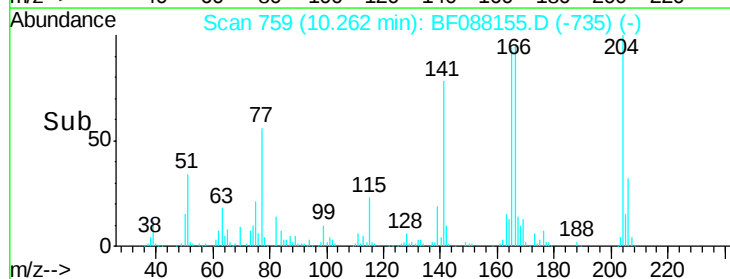
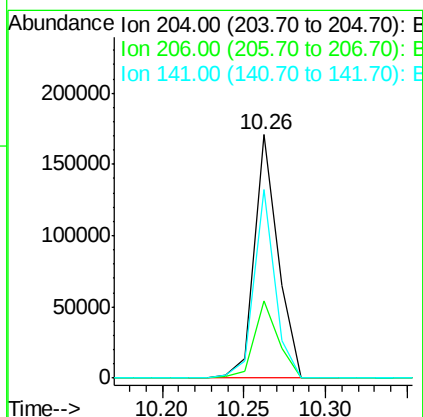
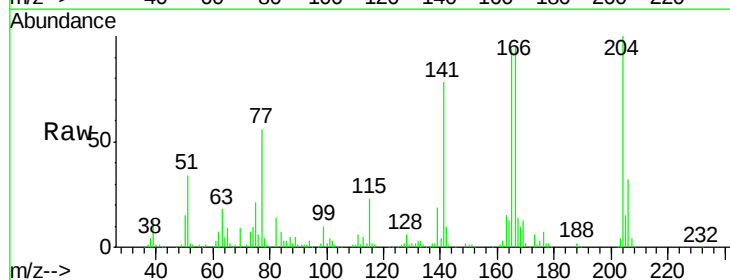
Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMS

Tgt Ion:149 Resp: 518041
Ion Ratio Lower Upper
149 100
177 22.4 16.9 25.3
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.89 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

Tgt Ion:204 Resp: 173630
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 77.6 55.0 82.6

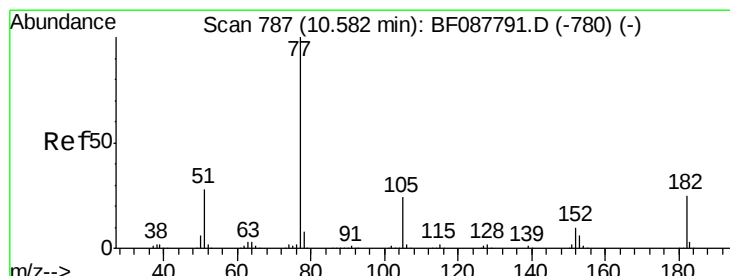
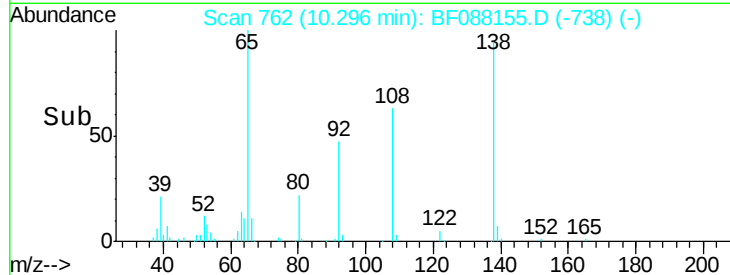
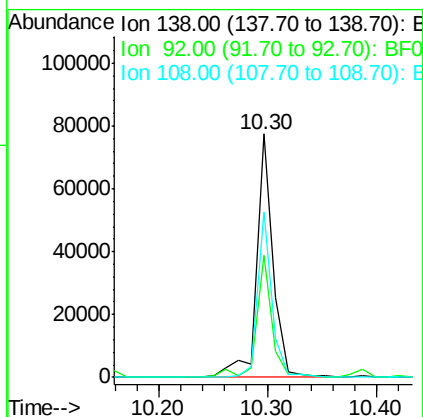
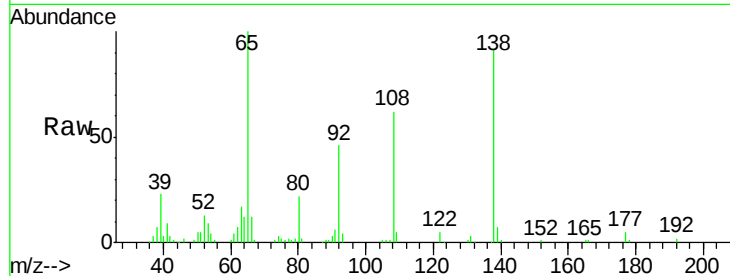




#61
 4-Nitroaniline
 Concen: 32.71 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.02 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

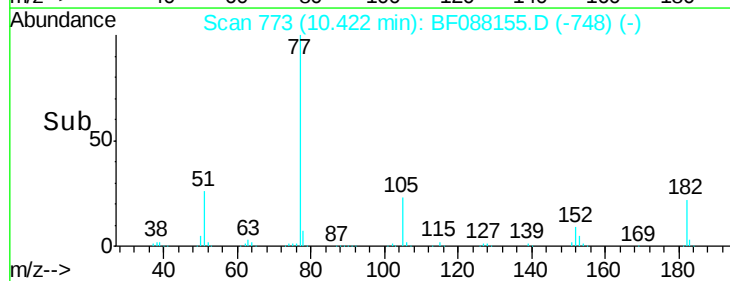
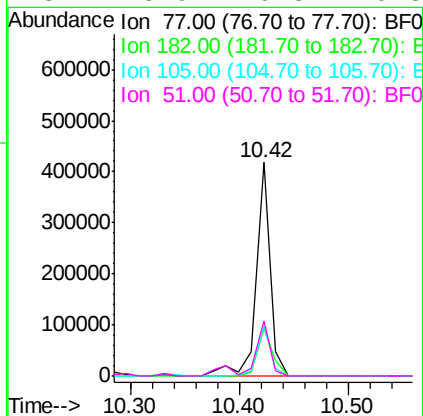
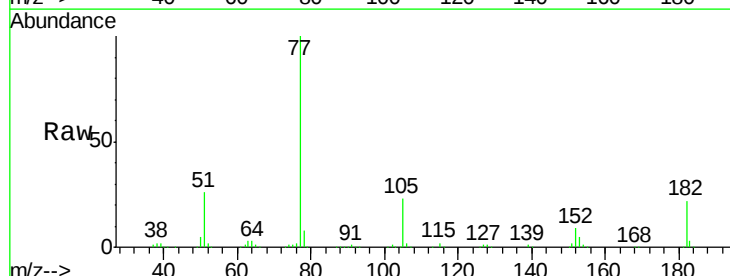
Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMS

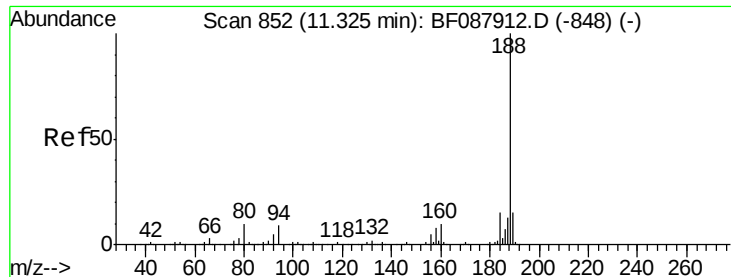
Tgt Ion: 138 Resp: 81776
 Ion Ratio Lower Upper
 138 100
 92 50.4 27.3 67.3
 108 67.9 46.7 86.7



#62
 Azobenzene
 Concen: 38.02 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

Tgt Ion: 77 Resp: 379562
 Ion Ratio Lower Upper
 77 100
 182 22.0 4.4 44.4
 105 23.3 3.8 43.8
 51 25.9 9.3 49.3

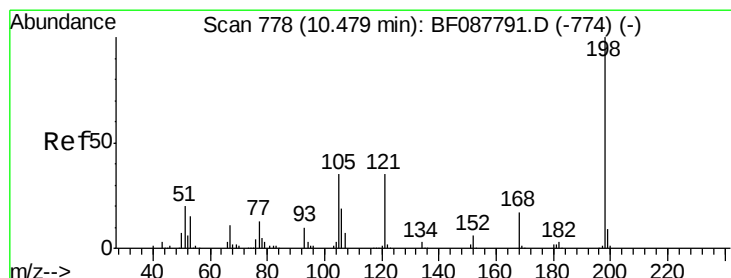
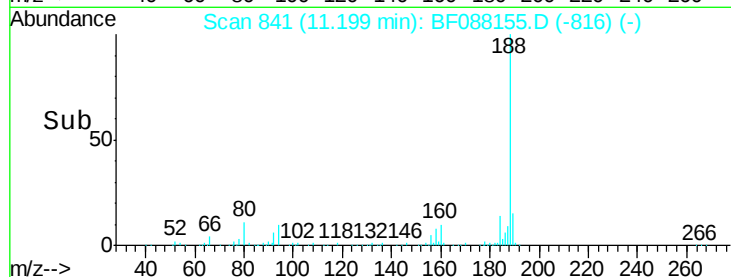
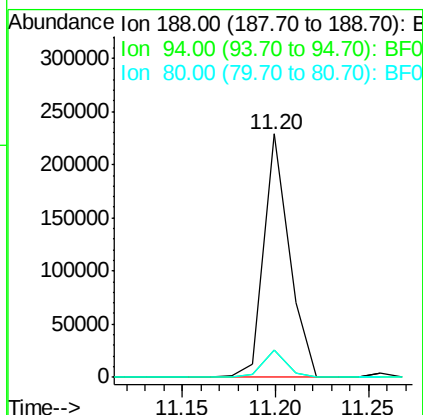
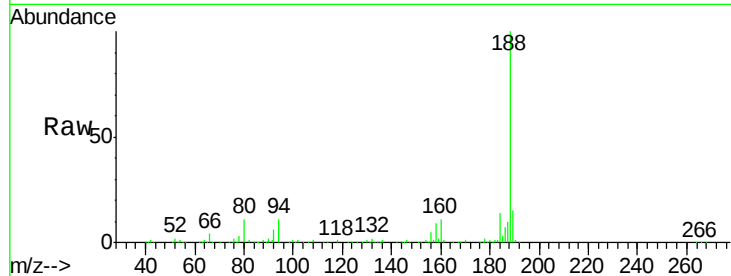




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

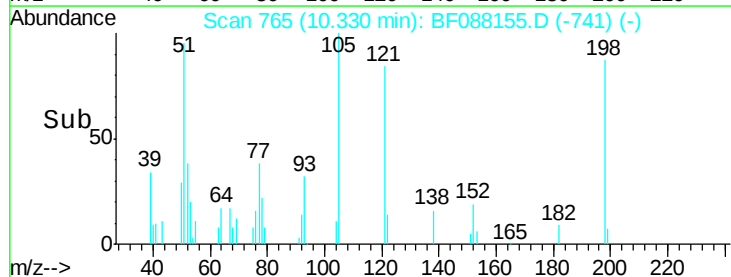
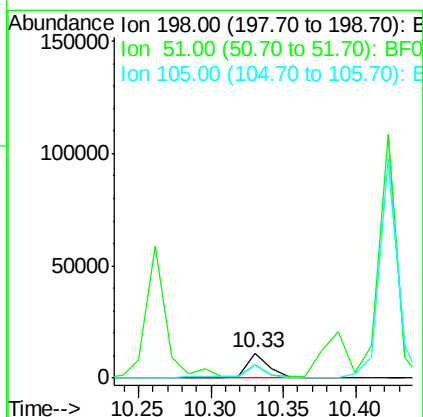
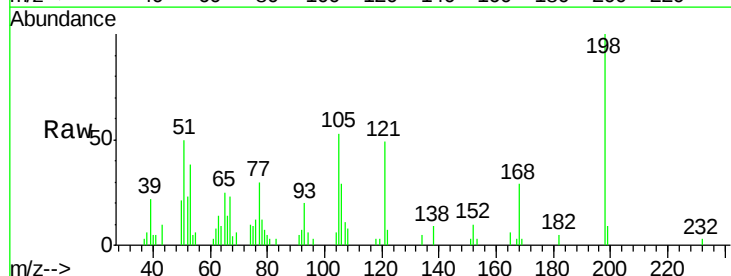
Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMS

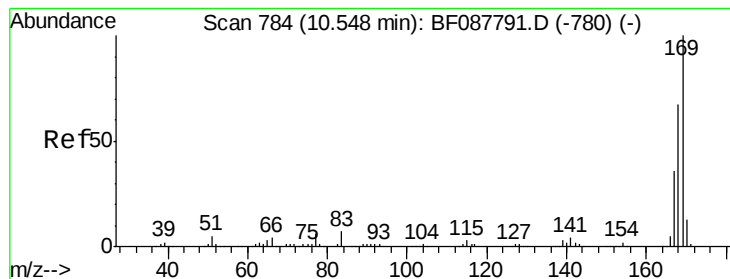
Tgt Ion:188 Resp: 215131
Ion Ratio Lower Upper
188 100
94 11.1 9.0 13.6
80 11.3 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 10.69 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

Tgt Ion:198 Resp: 11992
Ion Ratio Lower Upper
198 100
51 50.0 39.6 79.6
105 52.8 36.6 76.6

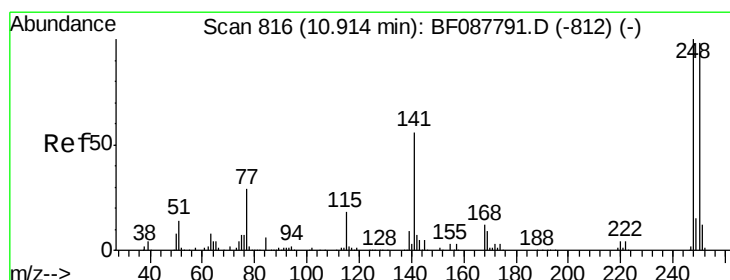
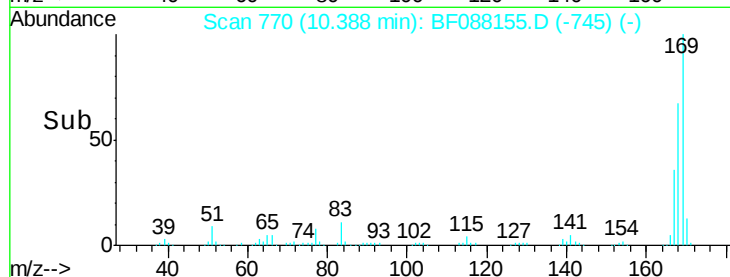
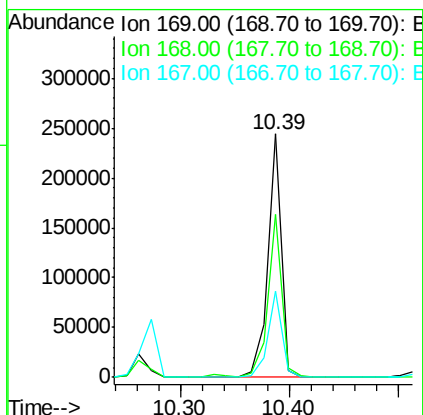
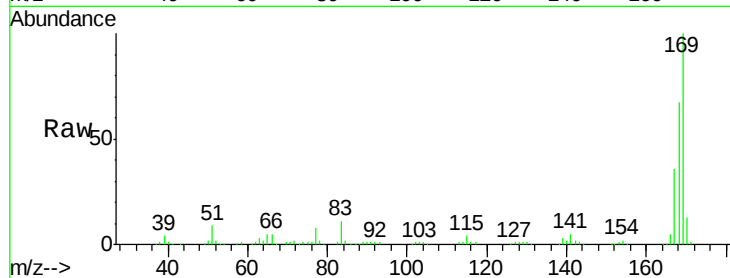




#65
 n-Nitrosodiphenylamine
 Concen: 29.96 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

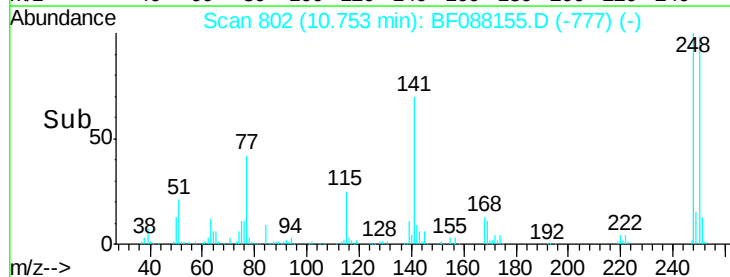
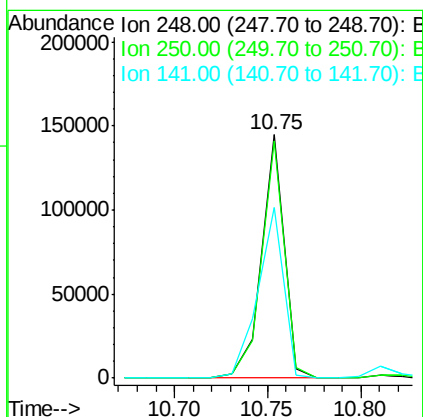
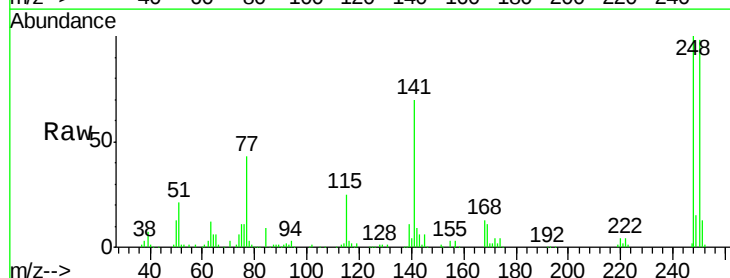
Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMS

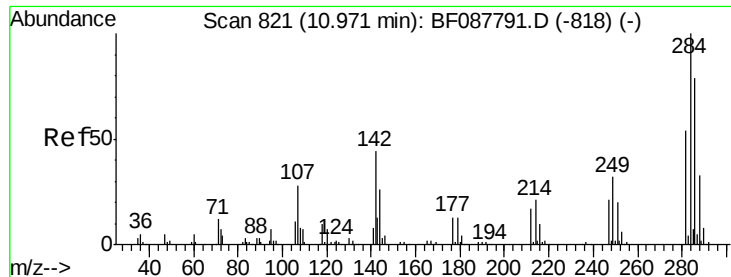
Tgt Ion:169 Resp: 213842
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.4 80.0
 167 35.6 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 52.51 ng
 RT: 10.75 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

Tgt Ion:248 Resp: 121188
 Ion Ratio Lower Upper
 248 100
 250 97.6 77.1 115.7
 141 70.4 50.6 76.0

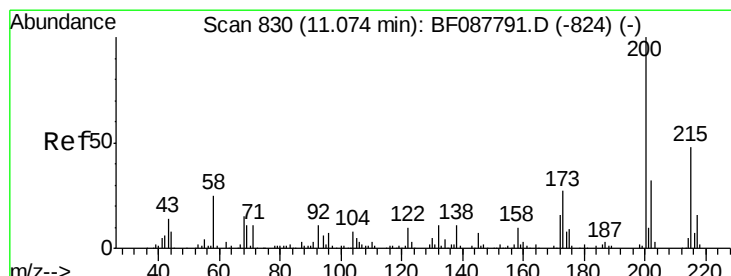
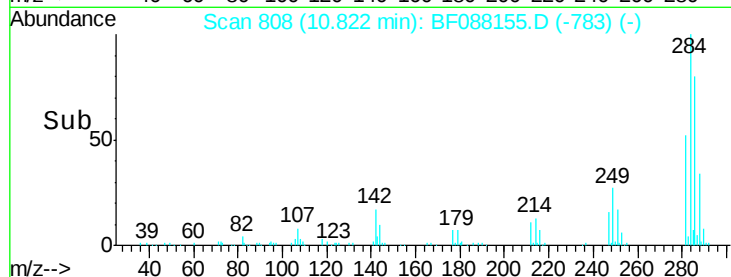
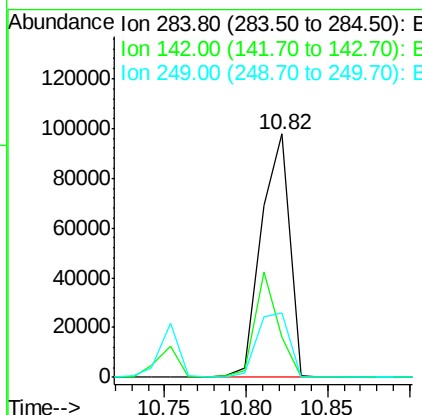
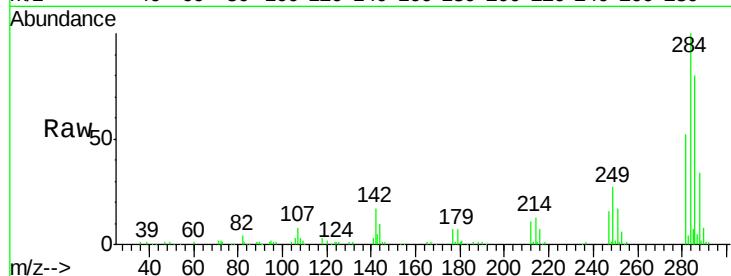




#67
Hexachlorobenzene
Concen: 49.29 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

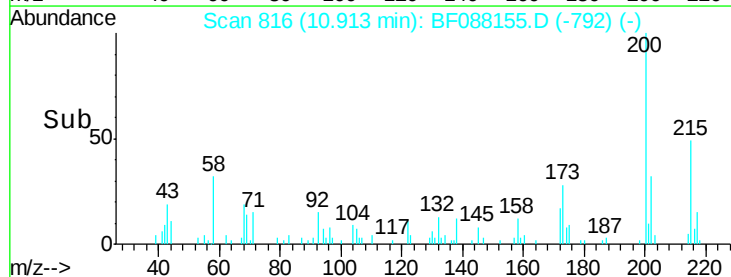
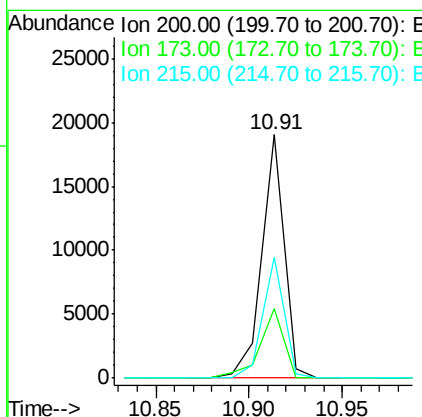
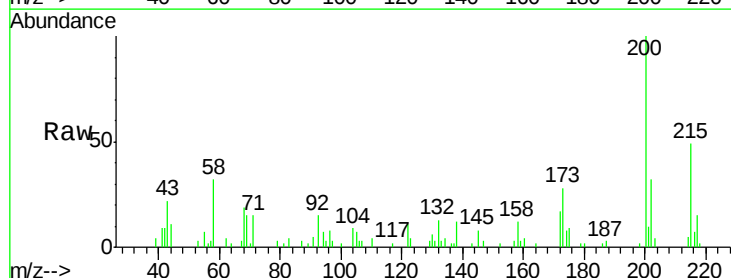
Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMS

Tgt Ion: 284 Resp: 118189
Ion Ratio Lower Upper
284 100
142 16.6 35.8 53.8#
249 26.6 25.8 38.6



#68
Atrazine
Concen: 7.24 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

Tgt Ion: 200 Resp: 15649
Ion Ratio Lower Upper
200 100
173 28.3 4.0 44.0
215 49.3 29.3 69.3

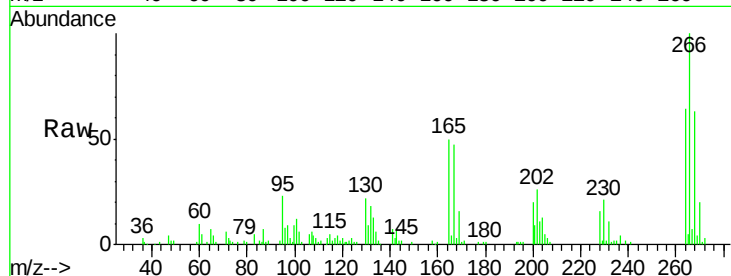




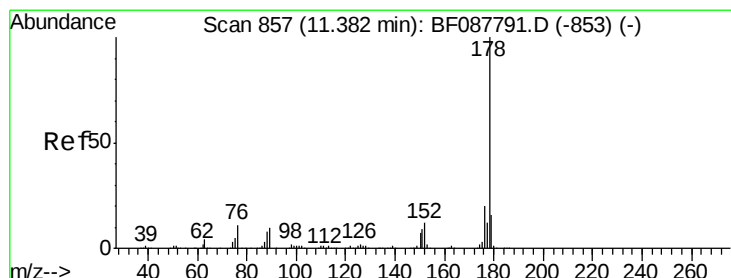
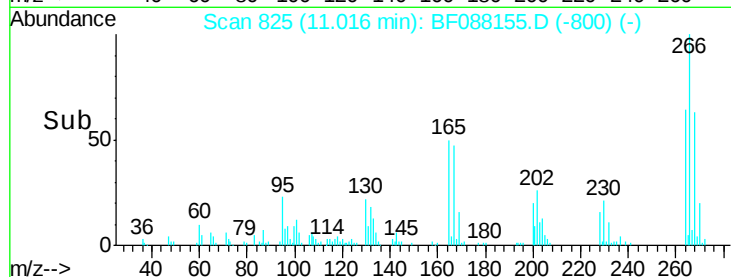
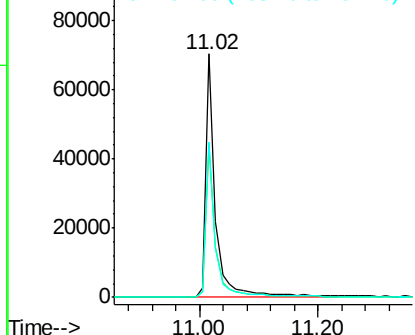
#69
 Pentachlorophenol
 Concen: 65.49 ng
 RT: 11.02 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMS

Tgt Ion: 266 Resp: 82786
 Ion Ratio Lower Upper
 266 100
 268 62.7 52.8 79.2
 264 63.8 49.6 74.4

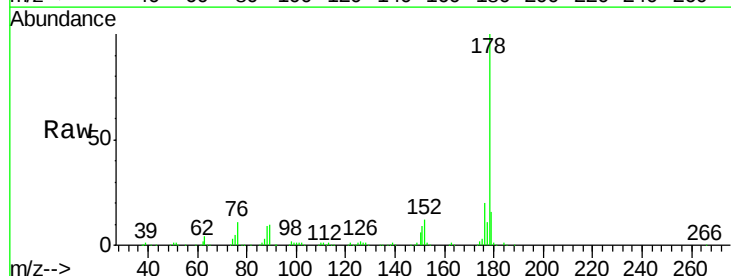


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

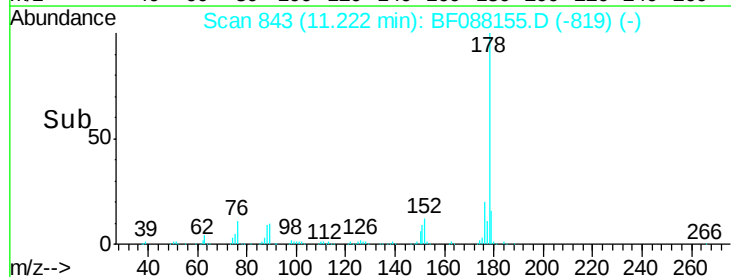
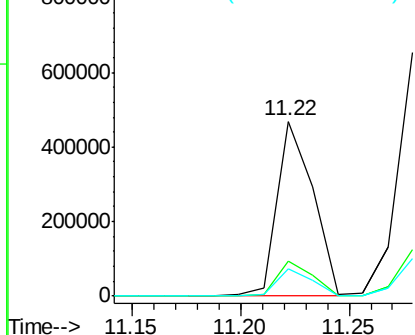


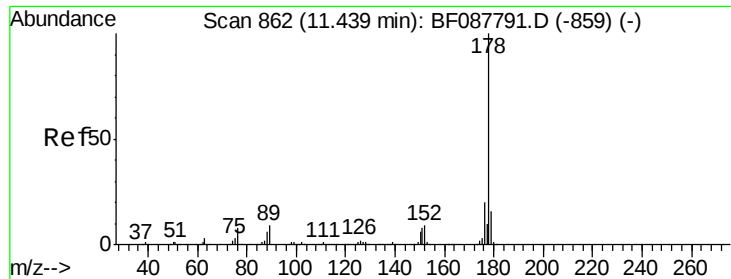
#70
 Phenanthrene
 Concen: 48.01 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

Tgt Ion: 178 Resp: 542032
 Ion Ratio Lower Upper
 178 100
 176 19.7 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

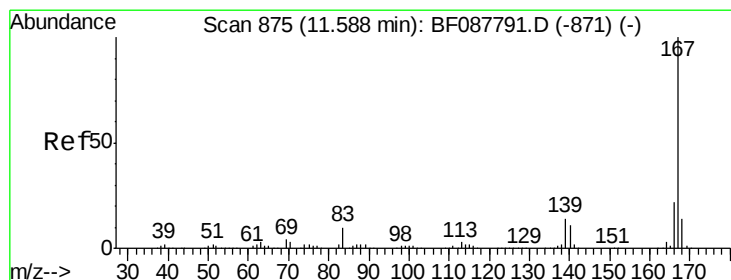
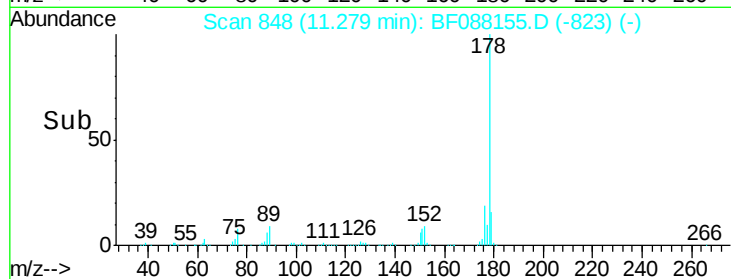
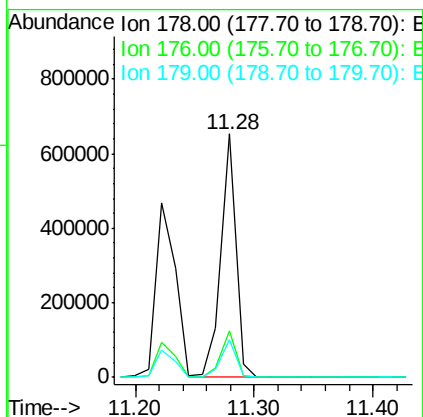
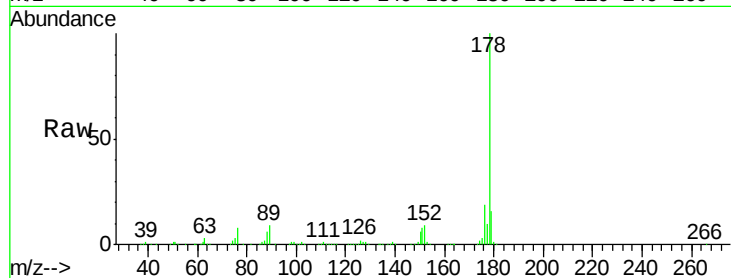




#71
 Anthracene
 Concen: 50.17 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

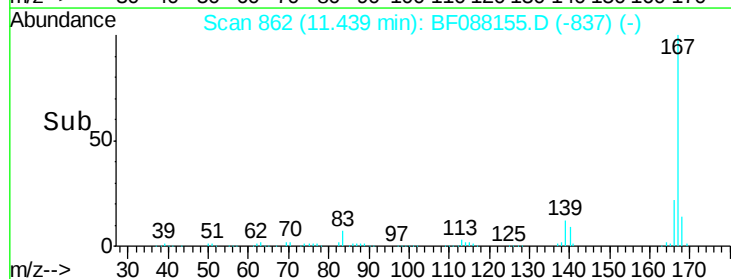
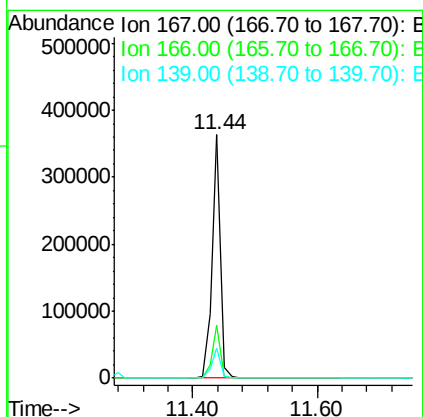
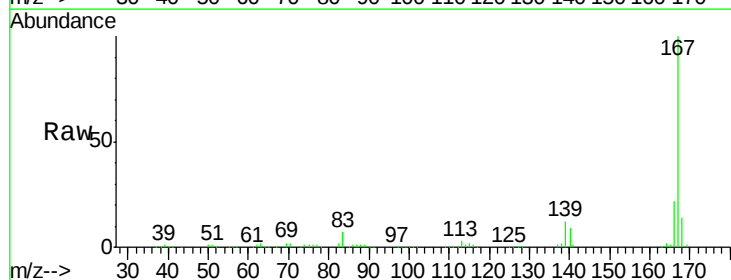
Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMS

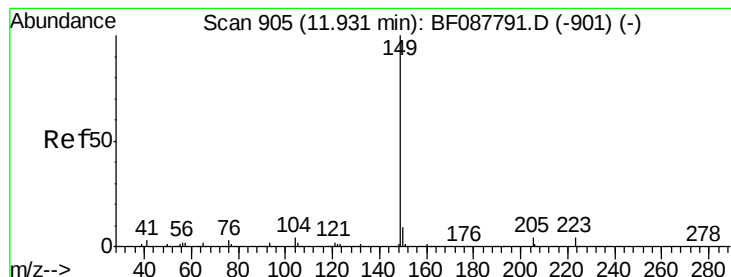
Tgt Ion:178 Resp: 571308
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.7 12.8 19.2



#72
 Carbazole
 Concen: 31.37 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

Tgt Ion:167 Resp: 334316
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 12.2 11.2 16.8





#73

Di-n-butylphthalate

Concen: 49.84 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMS

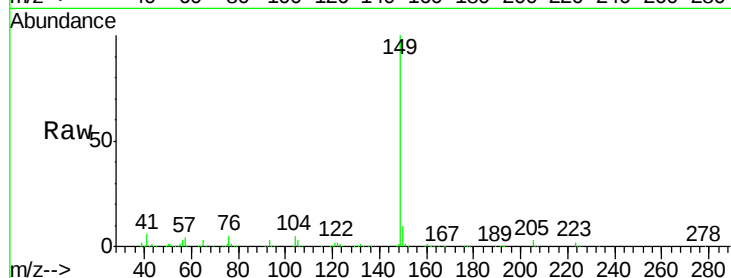
Tgt Ion:149 Resp: 672280

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

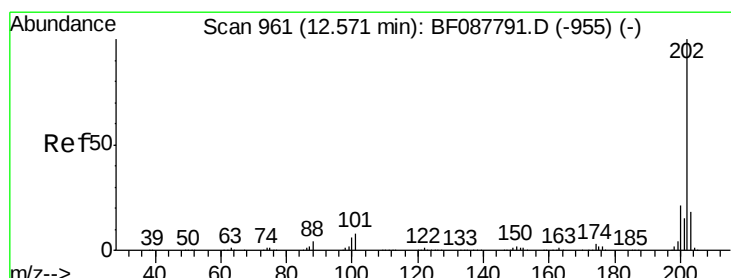
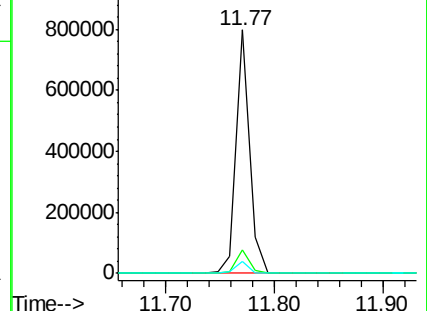
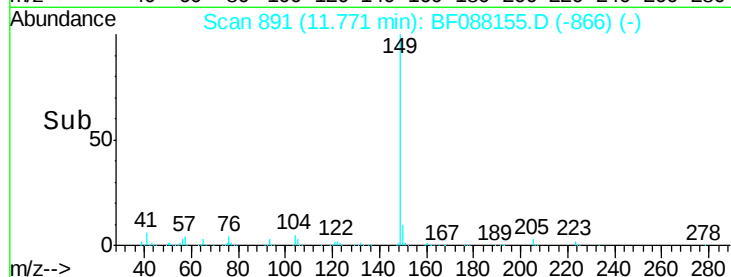
104 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.03 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

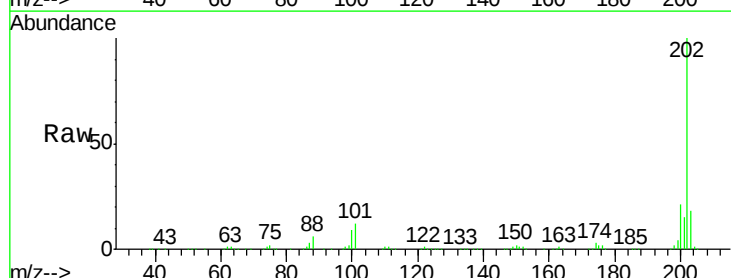
Tgt Ion:202 Resp: 560305

Ion Ratio Lower Upper

202 100

101 11.8 0.0 33.1

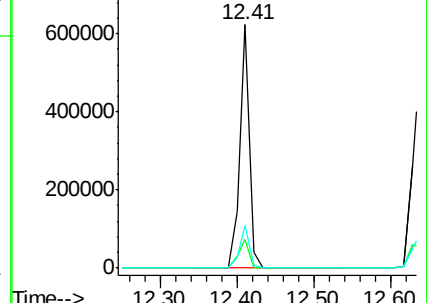
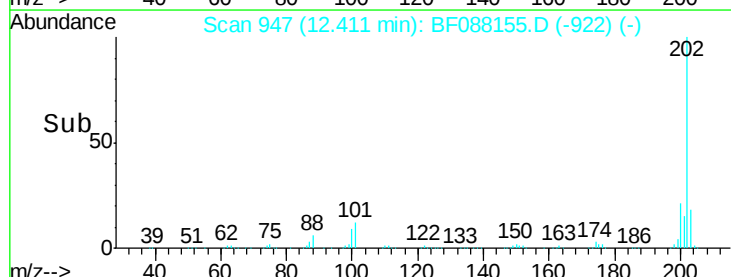
203 17.7 0.0 38.1

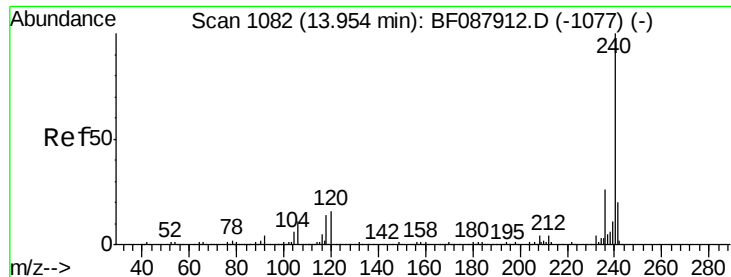


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMS

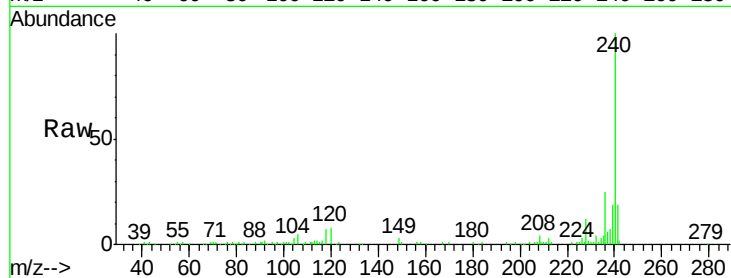
Tgt Ion:240 Resp: 141437

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

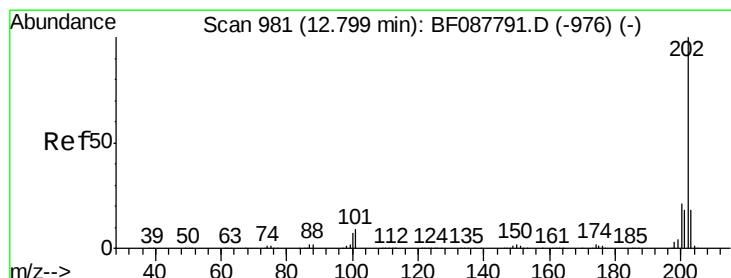
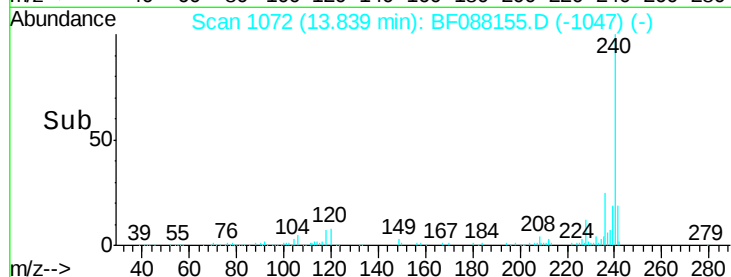
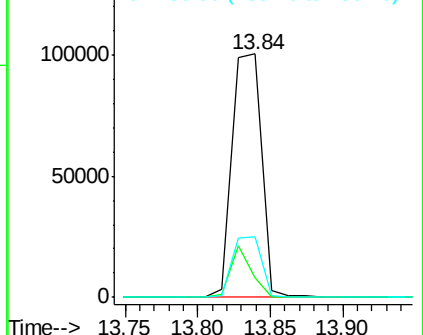
236 24.9 20.2 30.2



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: 53.75 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

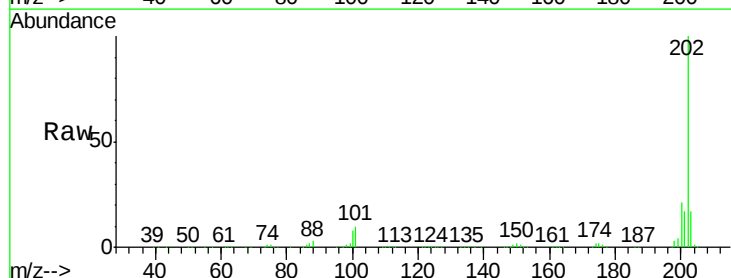
Tgt Ion:202 Resp: 564180

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

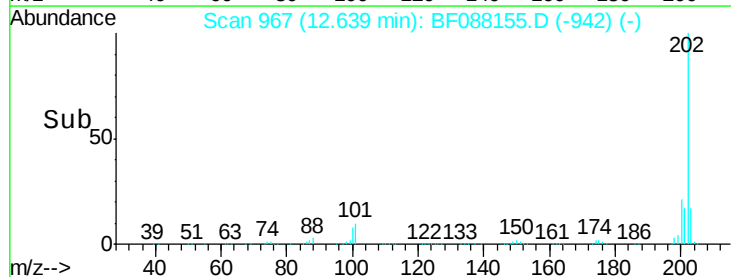
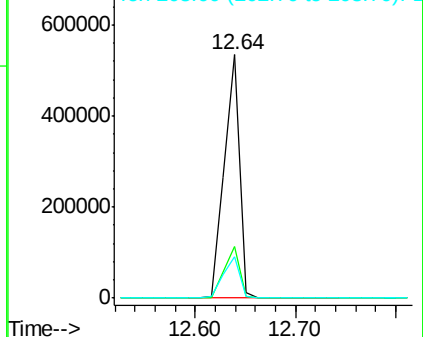
203 17.2 14.5 21.7

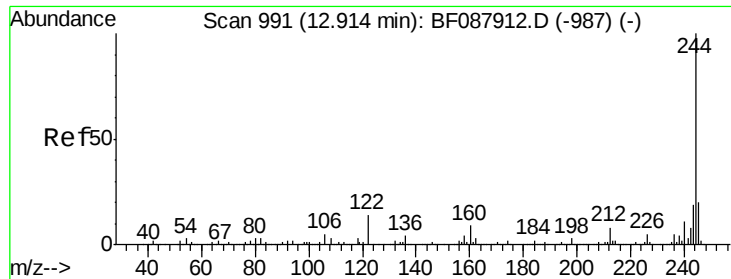


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

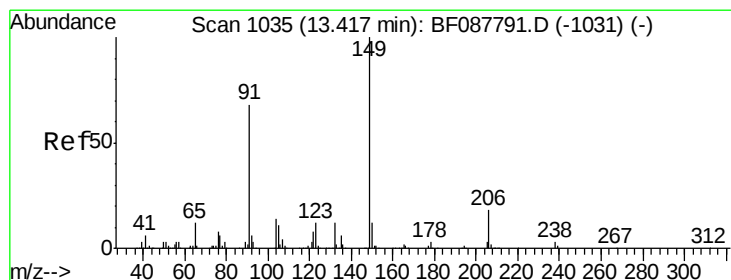
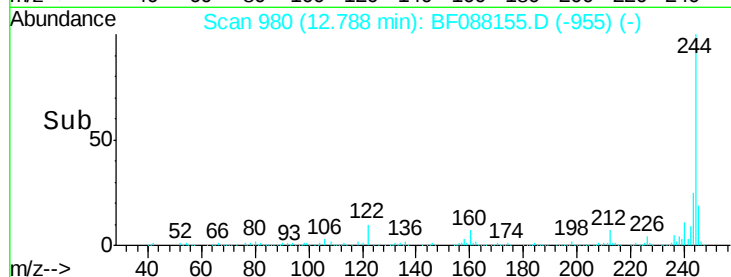
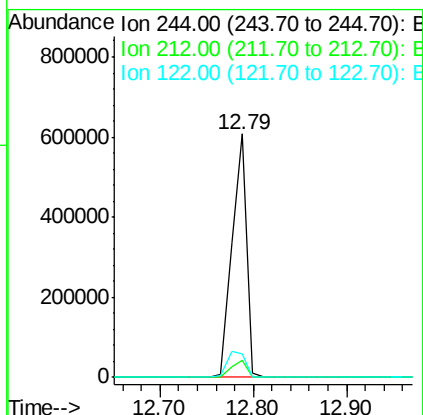
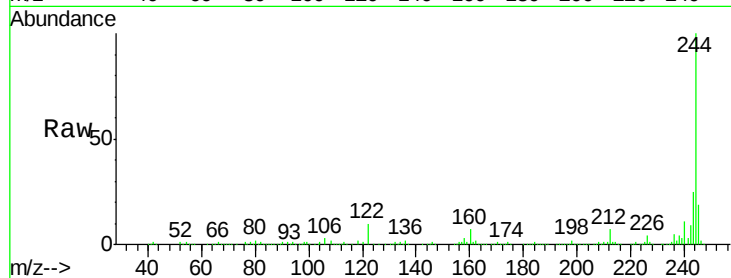




#78
 Terphenyl-d14
 Concen: 106.87 ng
 RT: 12.79 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

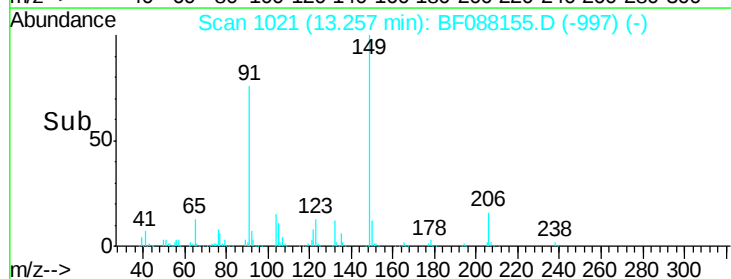
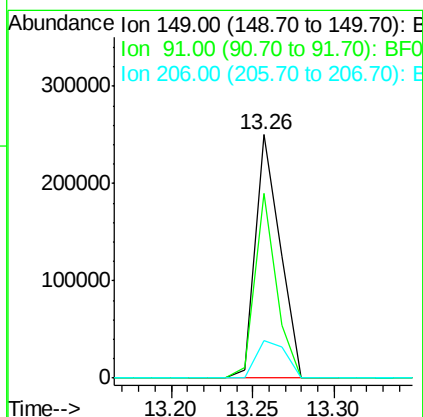
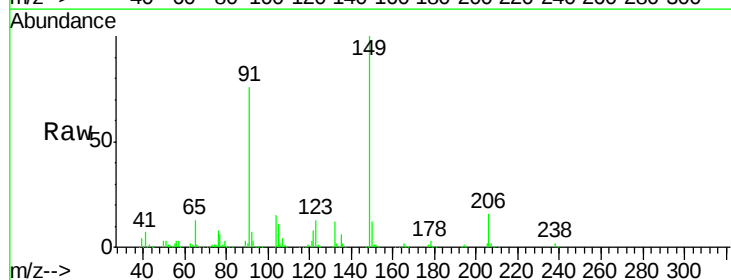
Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMPMS

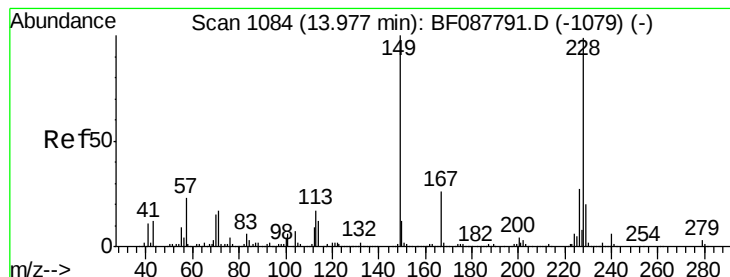
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	9.8	11.2	16.8#



#79
 Butylbenzylphthalate
 Concen: 57.14 ng
 RT: 13.26 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF088155.D
 Acq: 19 Jun 2016 1:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.0	48.0	72.0#
206	15.5	16.0	24.0#





#80

Benzo(a)anthracene

Concen: 52.63 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMS

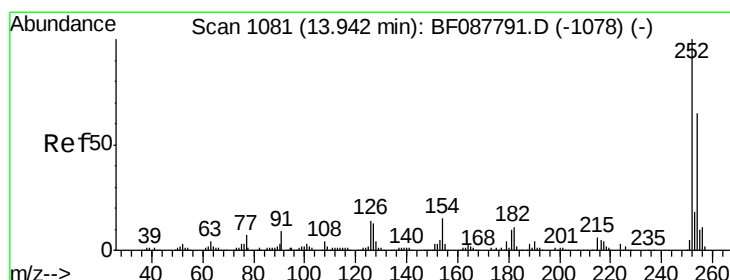
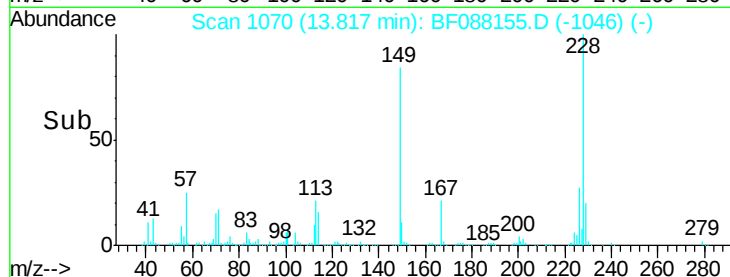
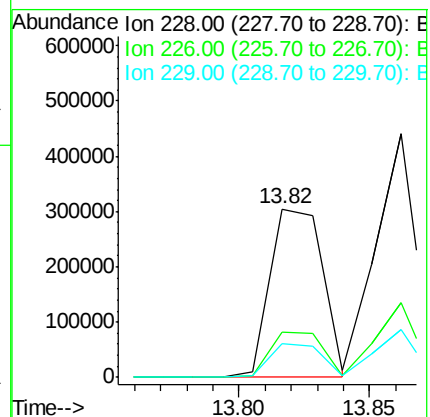
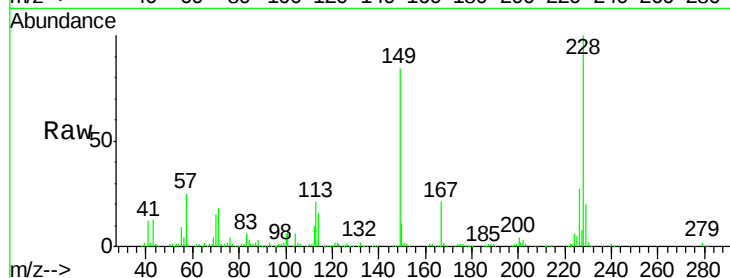
Tgt Ion: 228 Resp: 424159

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

229 20.2 16.0 24.0



#81

3,3'-Dichlorobenzidine

Concen: 5.11 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.02 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

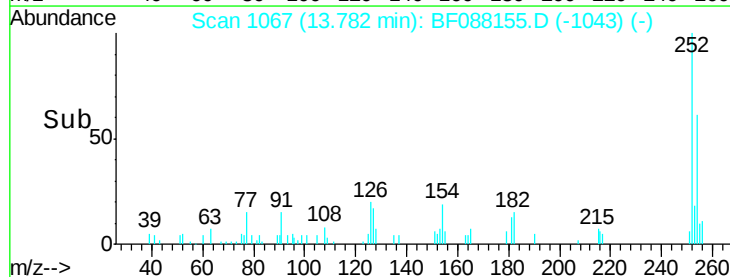
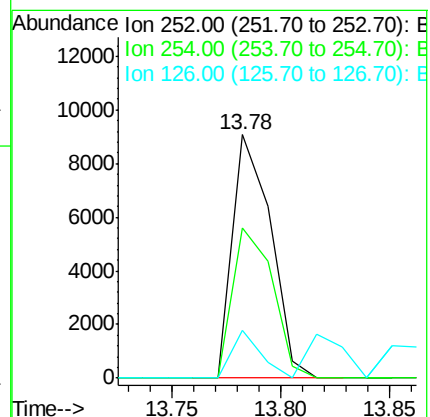
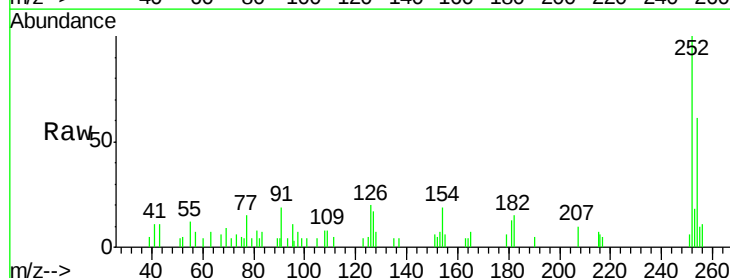
Tgt Ion: 252 Resp: 11066

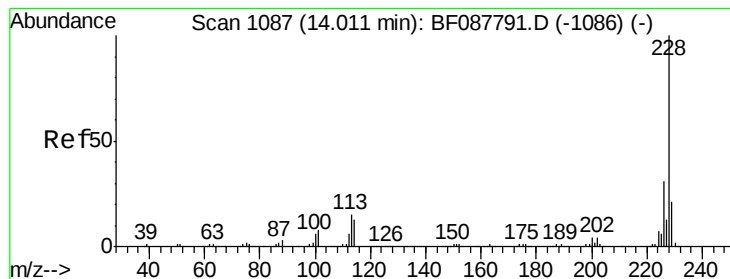
Ion Ratio Lower Upper

252 100

254 61.4 52.6 78.8

126 19.7 6.2 9.2#





#82

Chrysene

Concen: 60.72 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMS

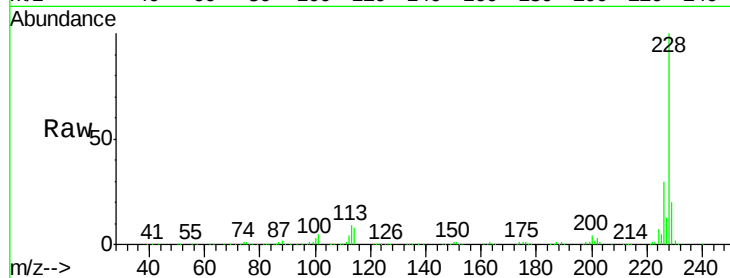
Tgt Ion:228 Resp: 460393

Ion Ratio Lower Upper

228 100

226 30.5 25.4 38.2

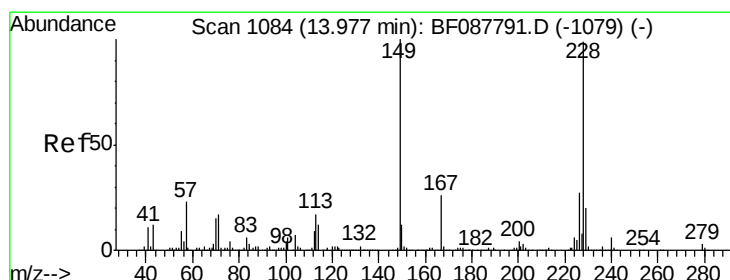
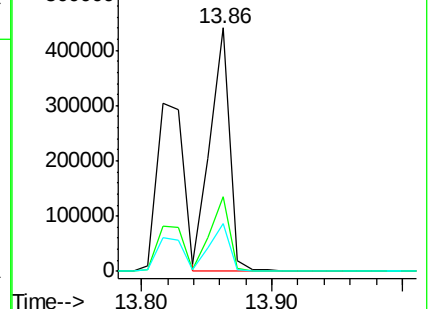
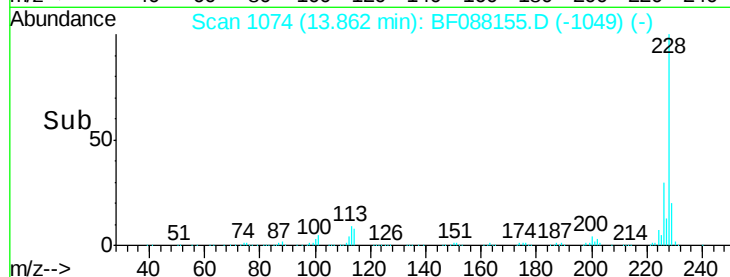
229 19.8 16.3 24.5



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: 61.83 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

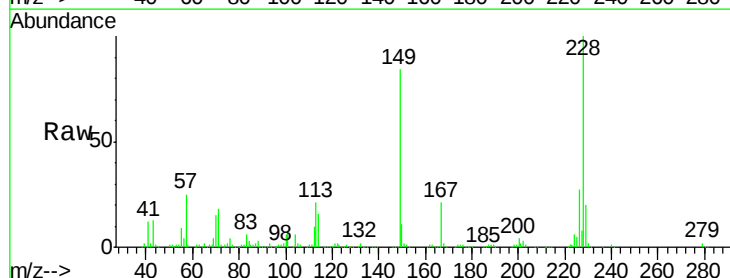
Tgt Ion:149 Resp: 349244

Ion Ratio Lower Upper

149 100

167 24.6 20.5 30.7

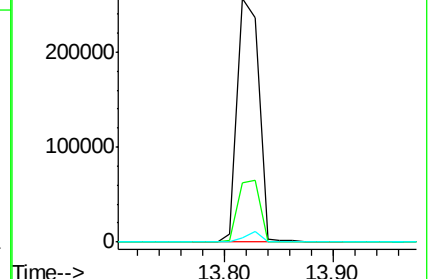
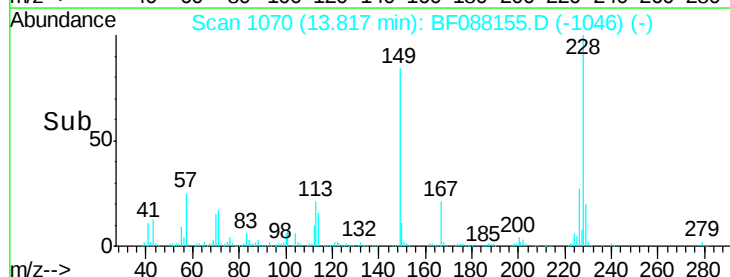
279 1.9 2.0 3.0#

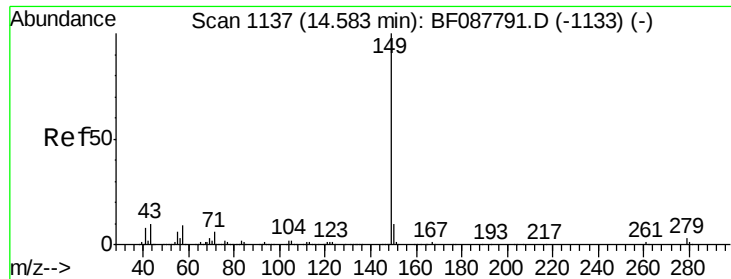


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 72.56 ng

RT: 14.43 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMPMS

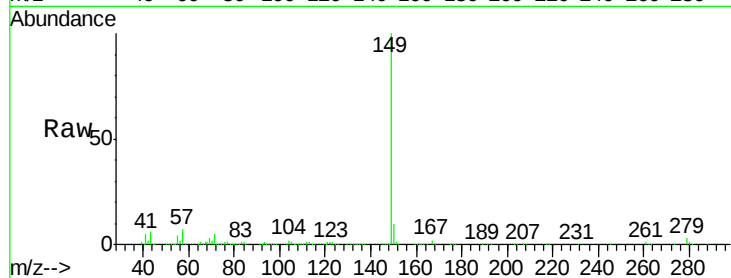
Tgt Ion:149 Resp: 665997

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

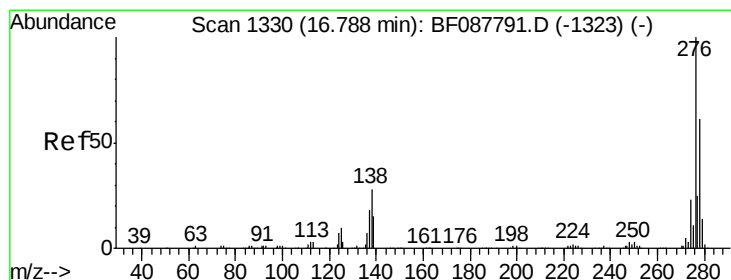
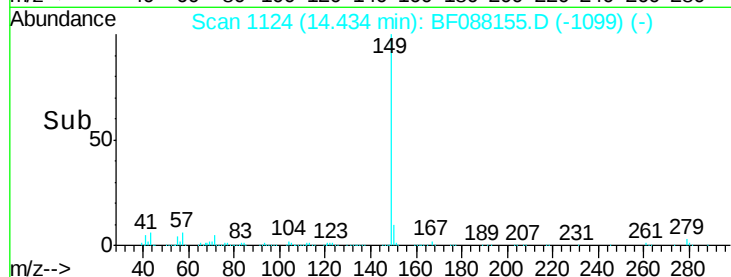
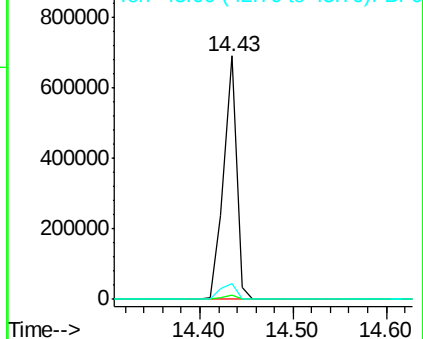
43 7.9 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 50.59 ng

RT: 16.51 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF088155.D

Acq: 19 Jun 2016 1:51

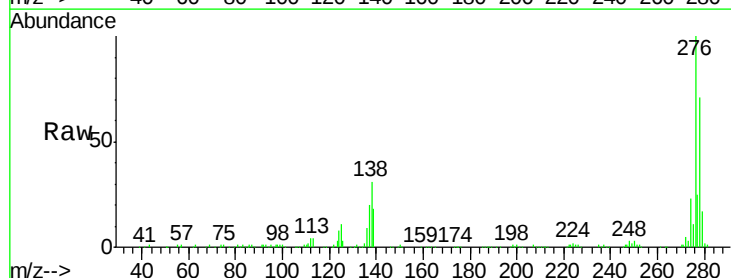
Tgt Ion:276 Resp: 356384

Ion Ratio Lower Upper

276 100

138 31.1 0.0 0.0#

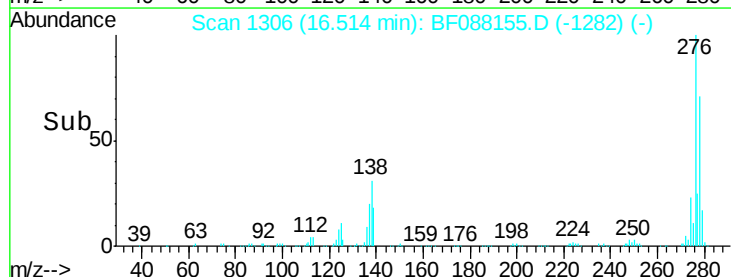
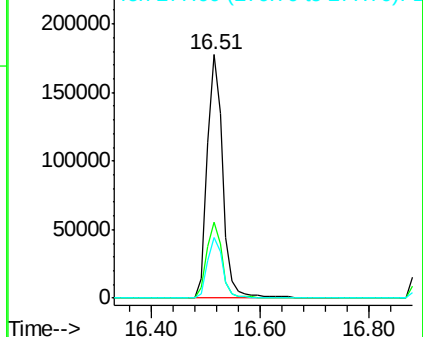
277 24.7 0.0 0.0#

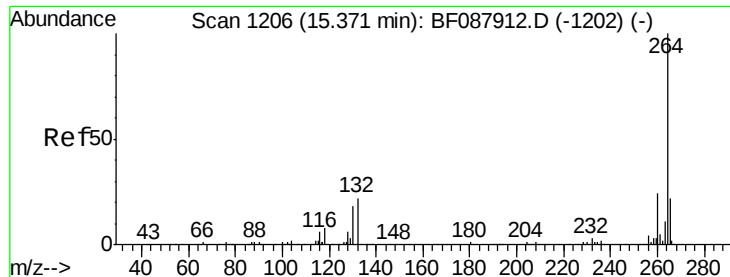


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

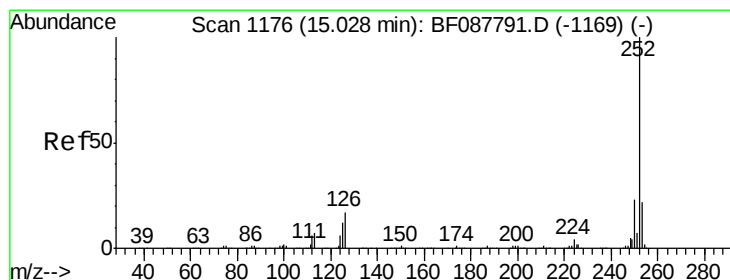
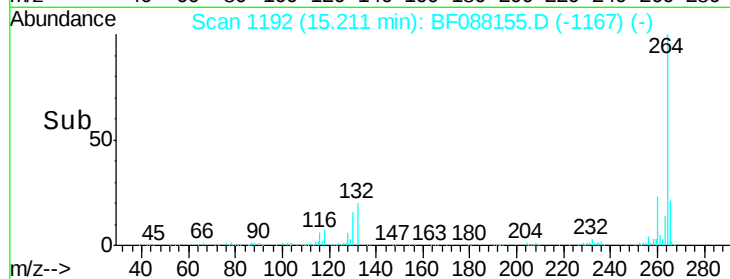
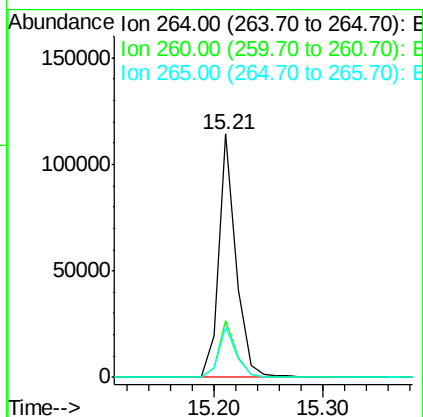
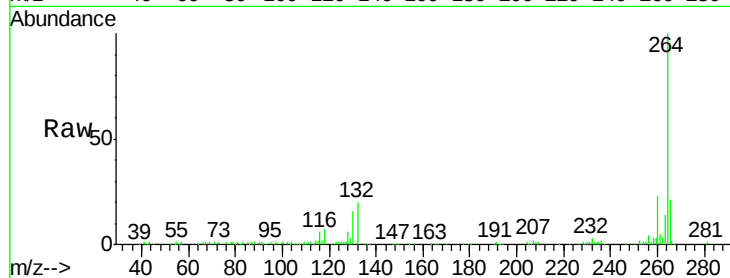




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

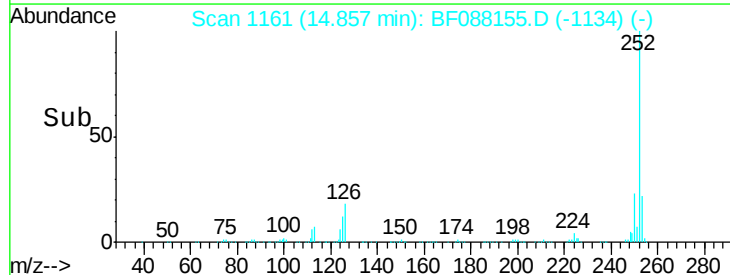
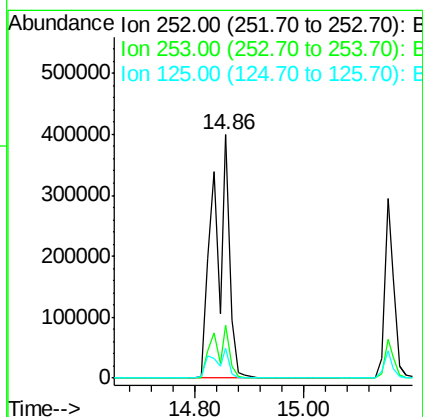
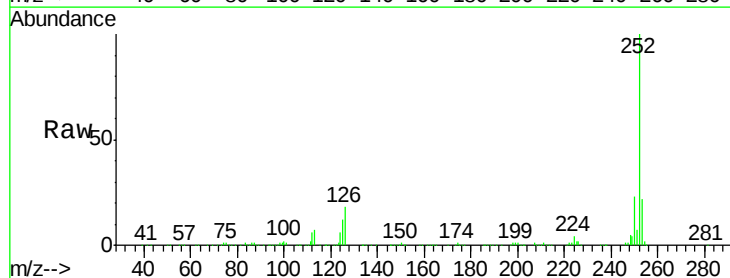
Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMS

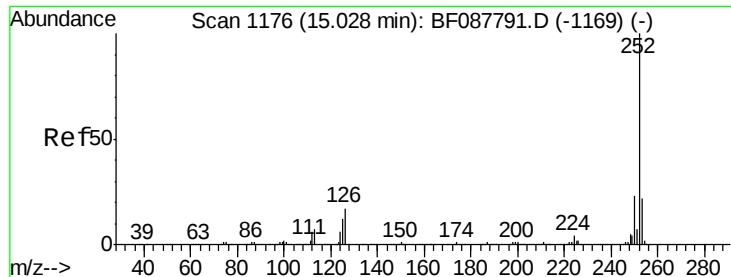
Tgt Ion: 264 Resp: 126186
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 20.8 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 90.76 ng
RT: 14.86 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

Tgt Ion: 252 Resp: 798279
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 12.3 7.1 10.7#

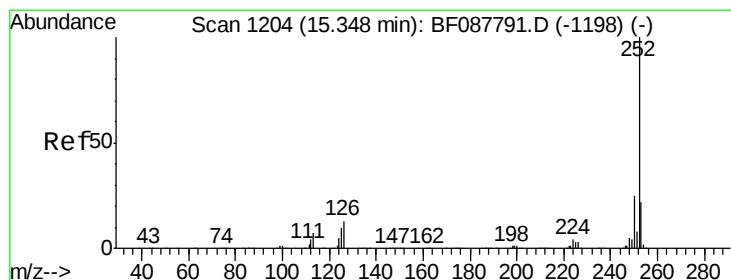
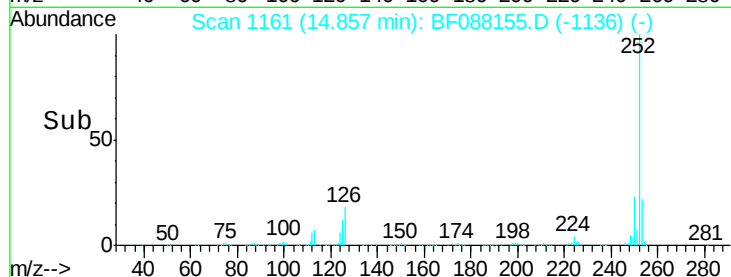
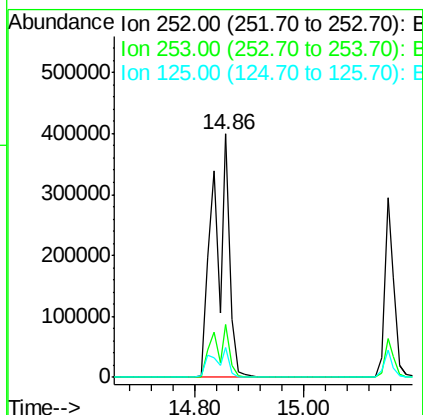
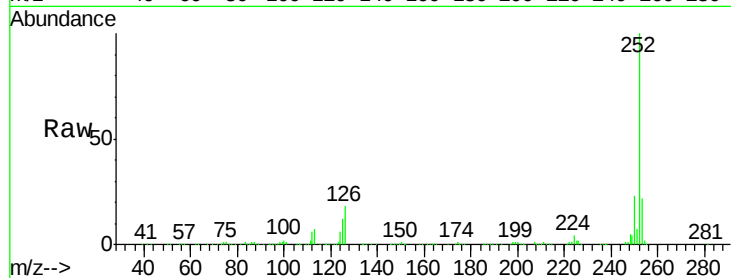




#88
Benzo(k)fluoranthene
Concen: 120.32 ng
RT: 14.86 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

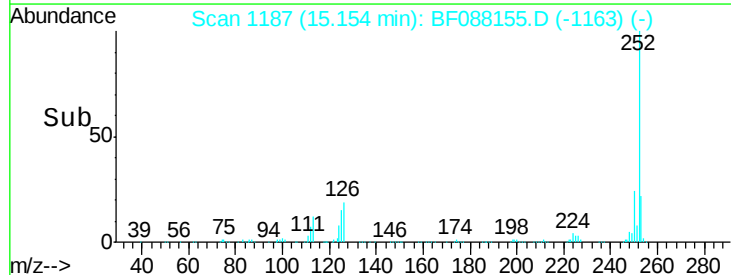
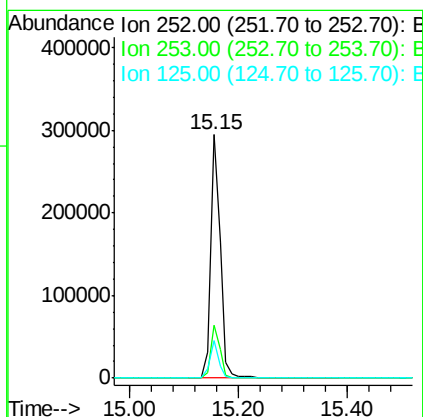
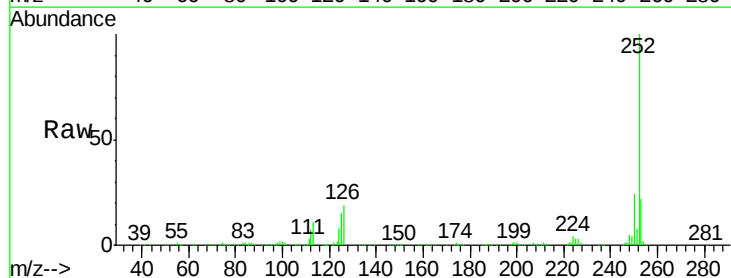
Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMS

Tgt Ion:252 Resp: 798279
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 12.3 11.2 16.8



#89
Benzo(a)pyrene
Concen: 50.78 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

Tgt Ion:252 Resp: 361322
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 15.4 12.5 18.7

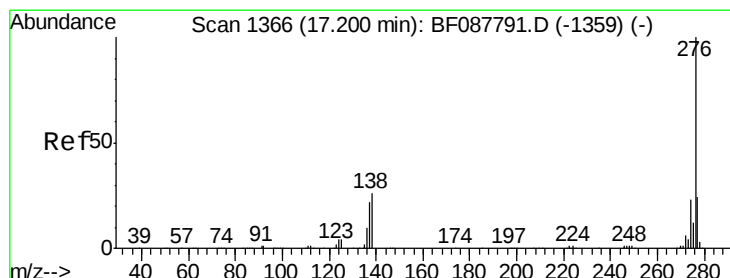
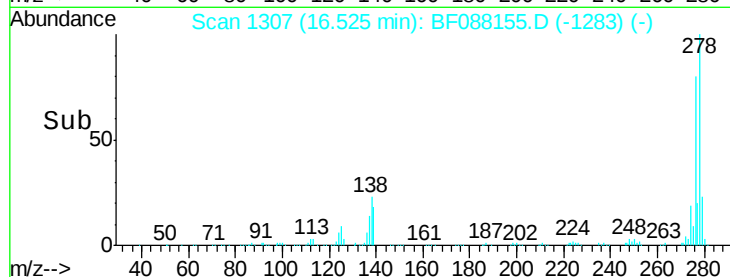
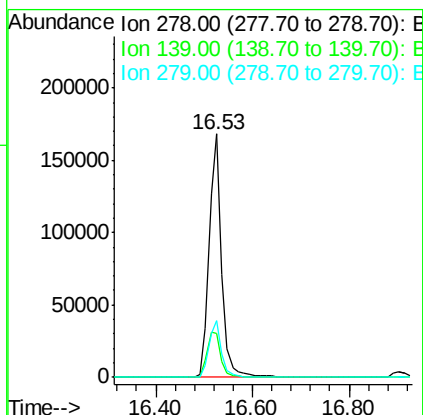
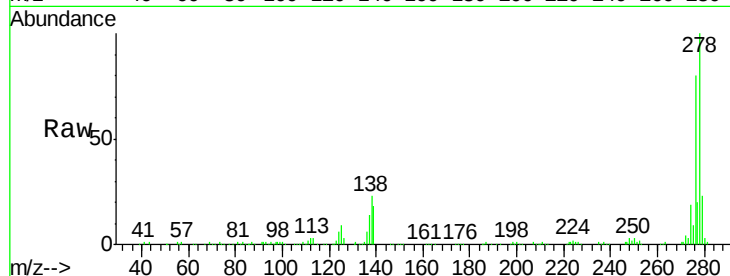




#90
Dibenzo(a,h)anthracene
Concen: 46.43 ng
RT: 16.53 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMPMS

Tgt Ion: 278 Resp: 306866
Ion Ratio Lower Upper
278 100
139 18.0 15.7 23.5
279 23.2 19.4 29.2



#91
Benzo(g,h,i)perylene
Concen: 43.97 ng
RT: 16.90 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BF088155.D
Acq: 19 Jun 2016 1:51

Tgt Ion: 276 Resp: 298921
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 25.9 21.4 32.2

