

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098475.D
 Acq On : 13 Sep 2017 3:17
 Operator : SJ/JU
 Sample : I5184-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-090817

Quant Time: Sep 13 03:47:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

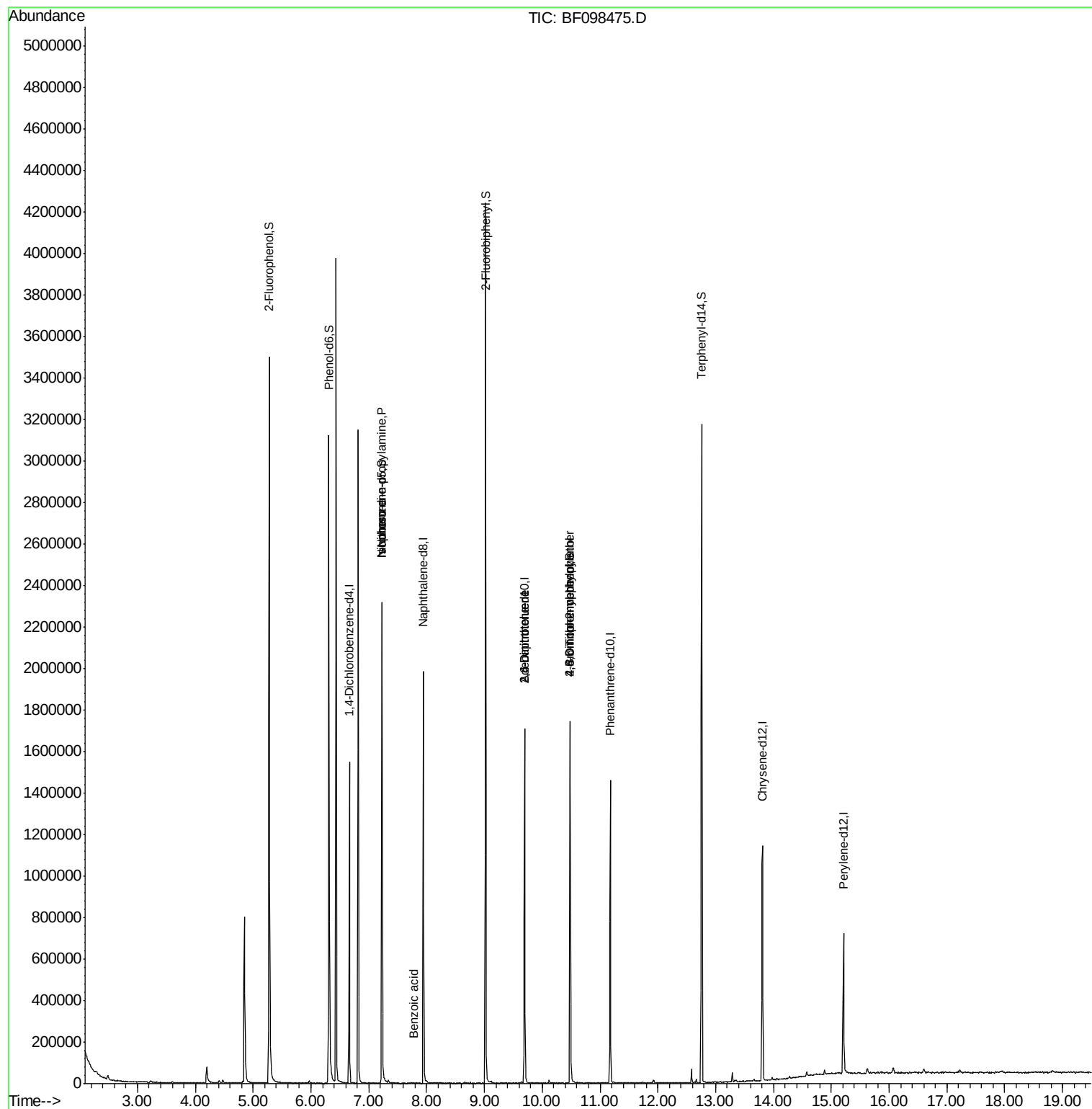
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	210422	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	818186	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	319380	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	477191	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	374821	20.00	ng	0.00
86) Perylene-d12	15.21	264	284573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1025887	72.08	ng	0.00
7) Phenol-d6	6.31	99	1166363	64.55	ng	-0.01
23) Nitrobenzene-d5	7.23	82	769639	52.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	174926	82.06	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1231184	65.34	ng	-0.01
78) Terphenyl-d14	12.76	244	888932	51.19	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	101383	8.920	ng	# 82
25) Isophorone	7.23	82	756457	25.475	ng	# 67
32) Benzoic acid	7.78	122	116	7.981	ng	# 1
50) 2,6-Dinitrotoluene	9.69	165	41057	8.085	ng	# 34
56) 2,4-Dinitrotoluene	9.69	165	41057	6.650	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.49	198	296	5.055	ng	# 1
66) 4-Bromophenyl-phenylether	10.48	248	13231	2.921	ng	# 1

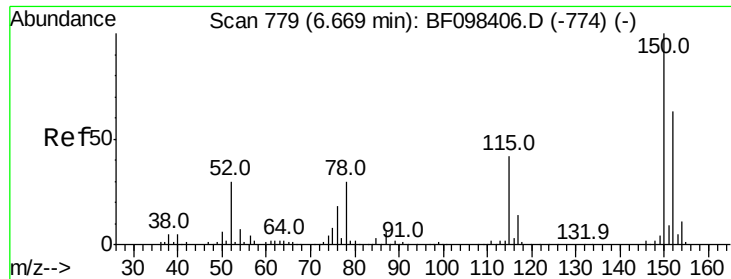
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
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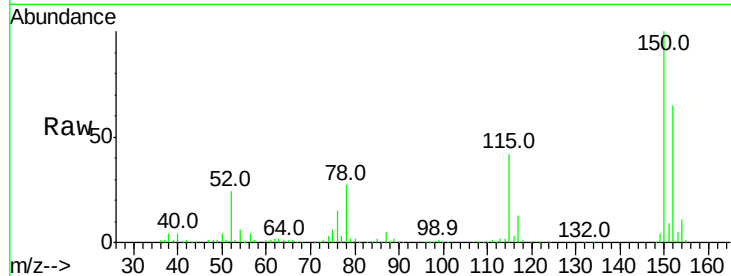


#1

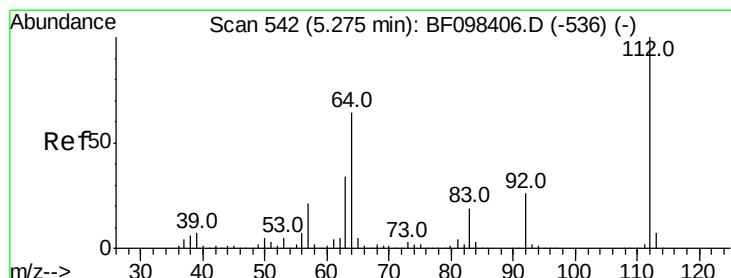
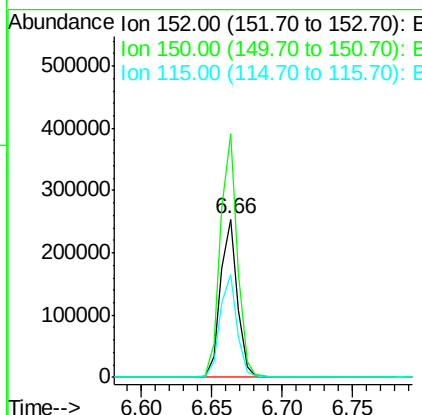
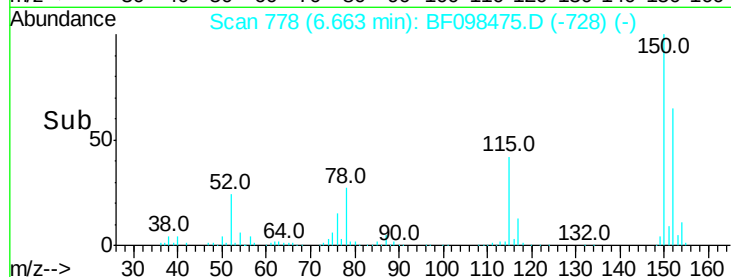
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF098475.D
 Acq: 13 Sep 2017 3:17

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-090817

Tot Ion:152 Resp: 210422
 Ion Ratio Lower Upper
 152 100
 150 154.1 126.2 189.2
 115 65.2 52.2 78.2



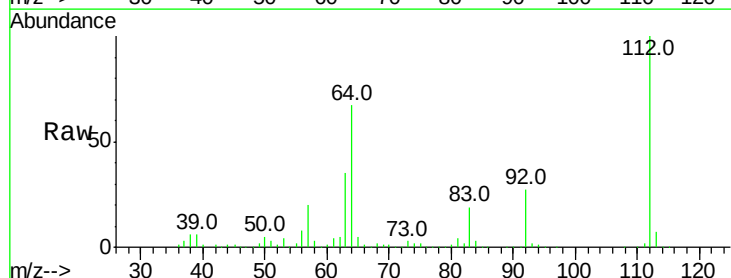
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



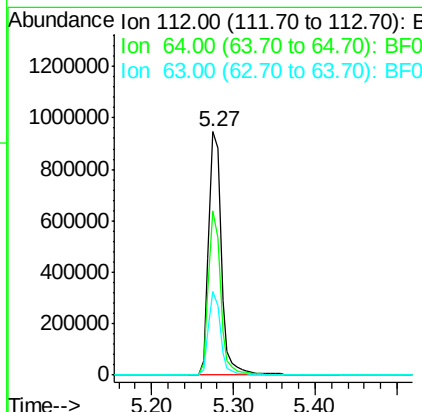
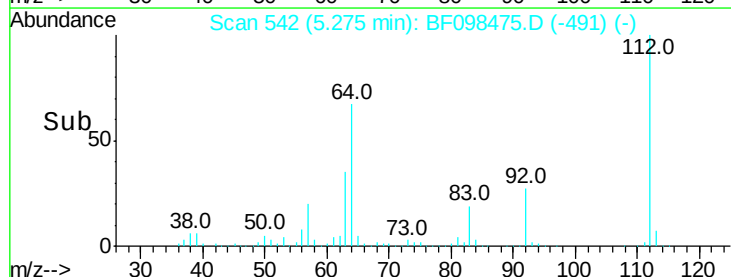
#5

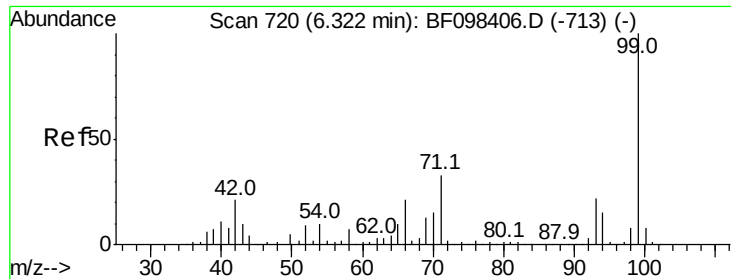
2-Fluorophenol
 Concen: 72.084 ng
 RT: 5.27 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF098475.D
 Acq: 13 Sep 2017 3:17

Tgt Ion:112 Resp: 1025887
 Ion Ratio Lower Upper
 112 100
 64 67.5 46.0 69.0
 63 34.6 23.4 35.0



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





#7

Phenol-d6

Concen: 64.548 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098475.D

Acq: 13 Sep 2017 3:17

Instrument :

BNA_F

ClientSampleId :

OK-02-090817

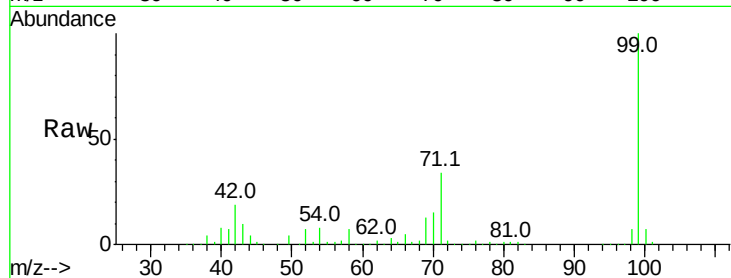
Tot Ion: 99 Resp: 1166363

Ion Ratio Lower Upper

99 100

42 19.5 13.5 20.3

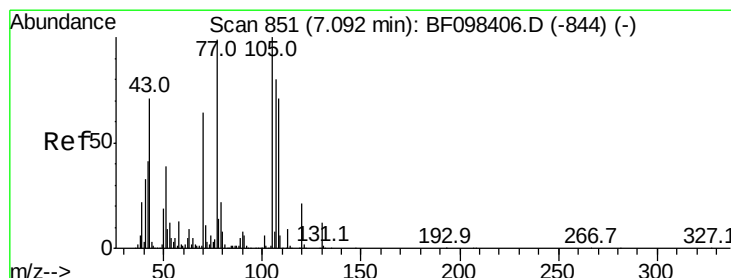
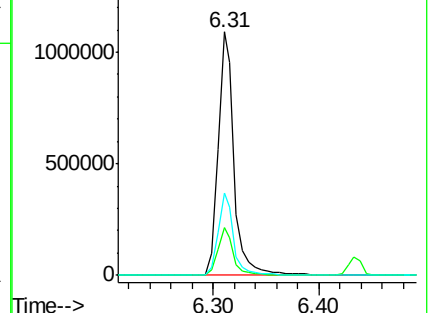
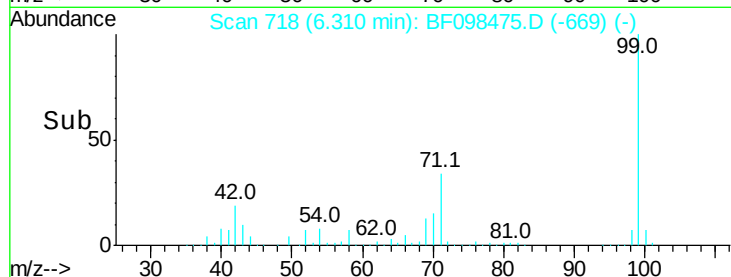
71 33.6 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.920 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF098475.D

Acq: 13 Sep 2017 3:17

Tgt Ion: 70 Resp: 101383

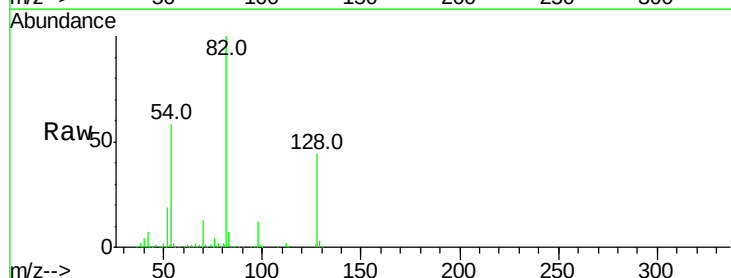
Ion Ratio Lower Upper

70 100

42 51.5 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

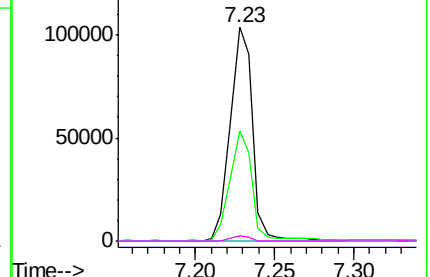
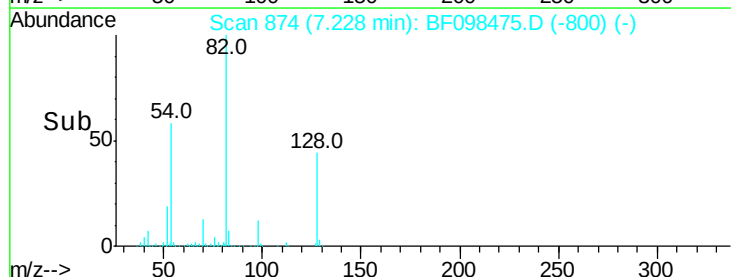


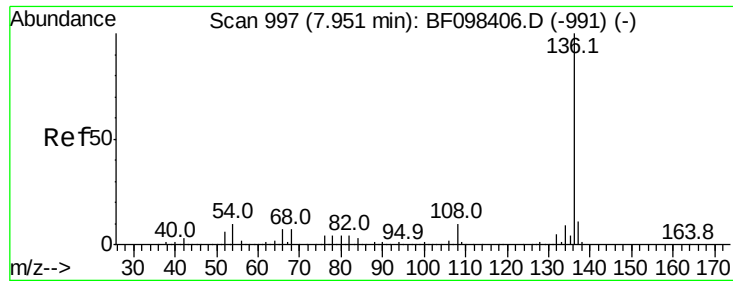
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

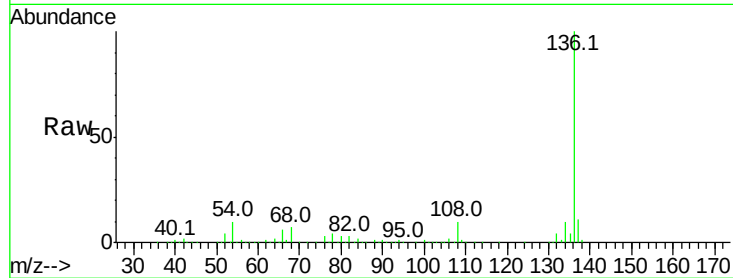




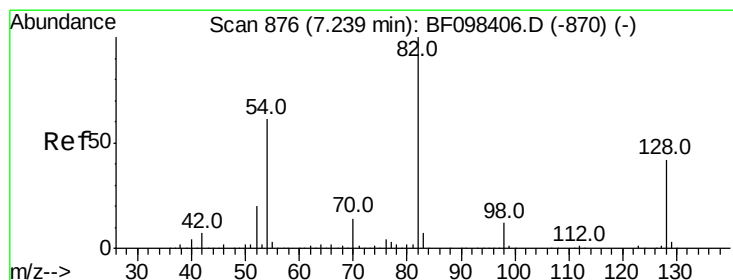
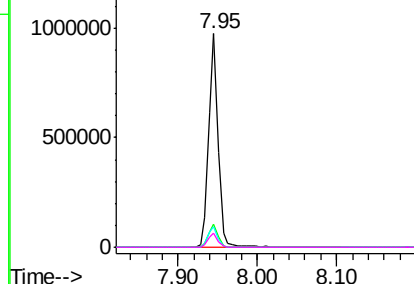
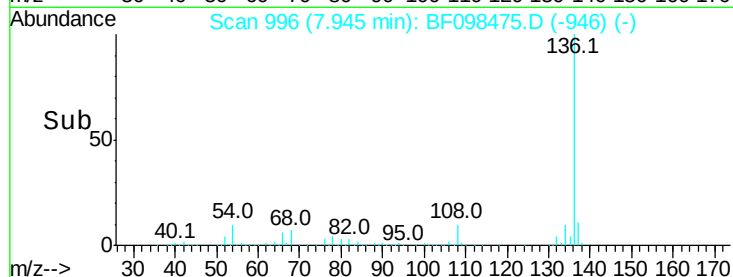
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tot Ion:	136	Resp:	818186
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.5	4.9	7.3#
68	6.9	4.1	6.1#

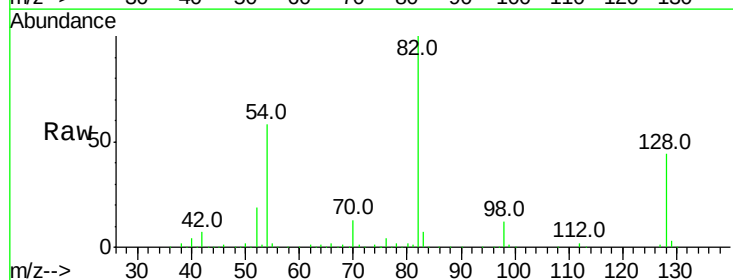


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

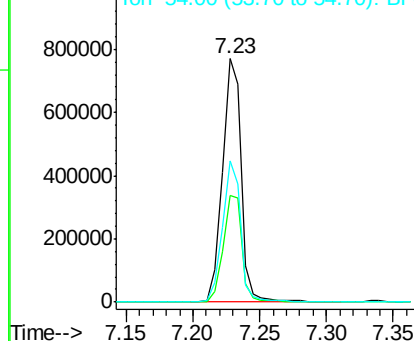
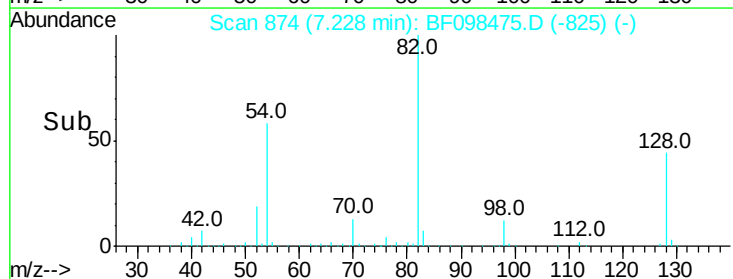


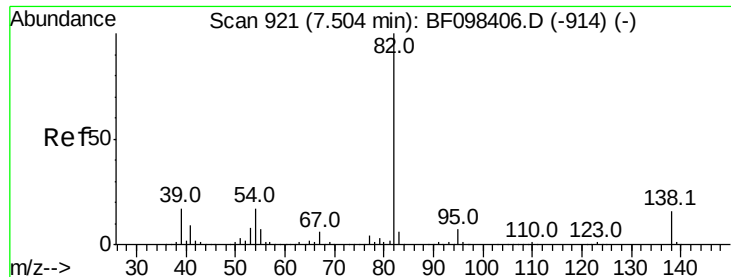
#23
Nitrobenzene-d5
Concen: 52.442 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Tgt Ion:	82	Resp:	769639
Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.0	51.0
54	57.9	42.2	63.2



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





#25

Isophorone

Concen: 25.475 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.28 min

Lab File: BF098475.D

Acq: 13 Sep 2017 3:17

Instrument :

BNA_F

ClientSampleId :

OK-02-090817

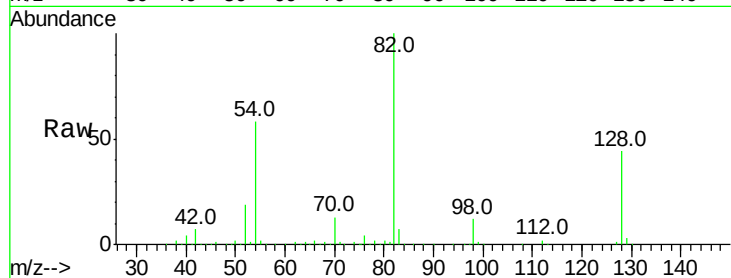
Tot Ion: 82 Resp: 756457

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

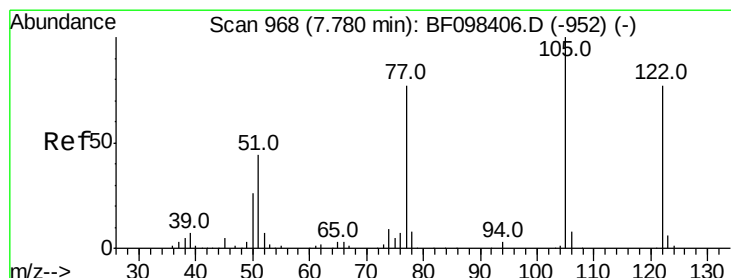
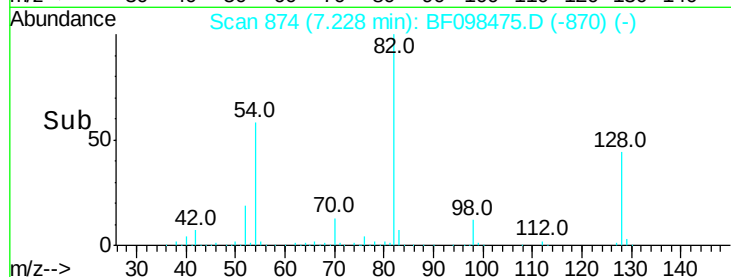
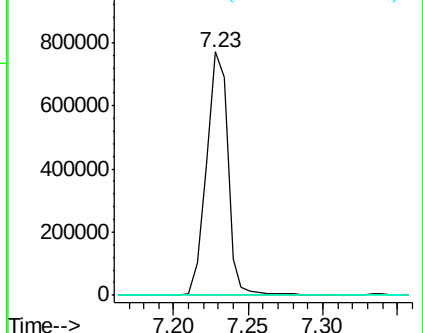
138 0.0 13.1 19.7#



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



#32

Benzoic acid

Concen: 7.981 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF098475.D

Acq: 13 Sep 2017 3:17

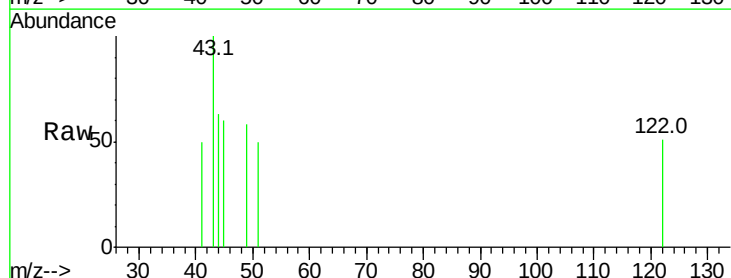
Tgt Ion: 122 Resp: 116

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

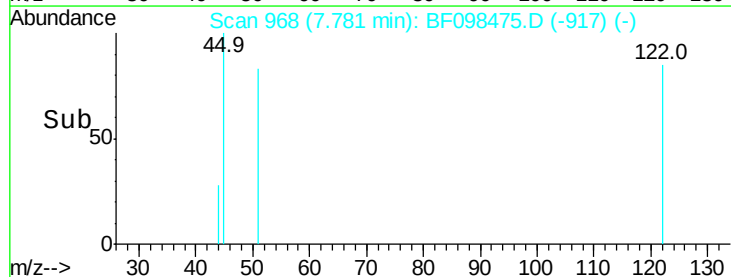
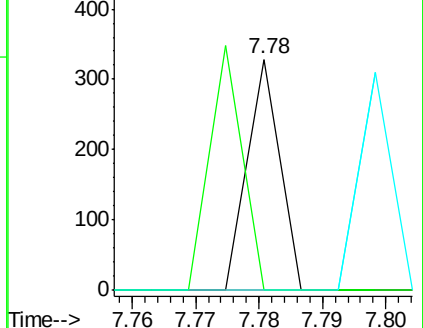
77 0.0 73.7 113.7#

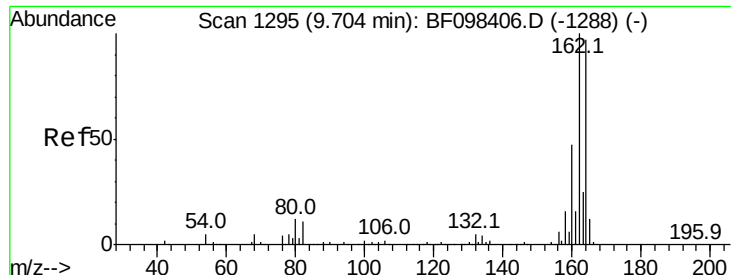


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

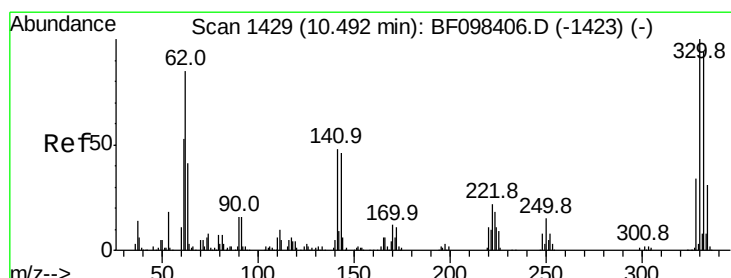
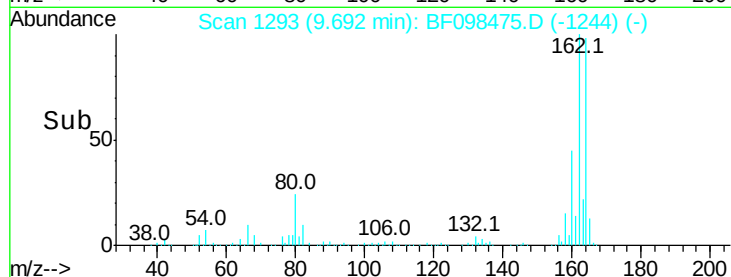
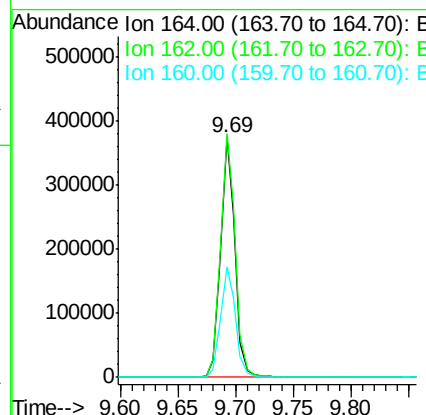
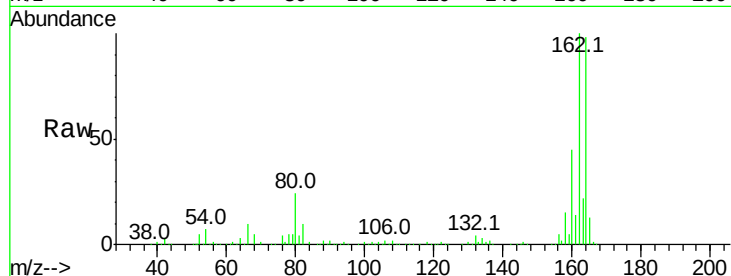




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF098475.D
 Acq: 13 Sep 2017 3:17

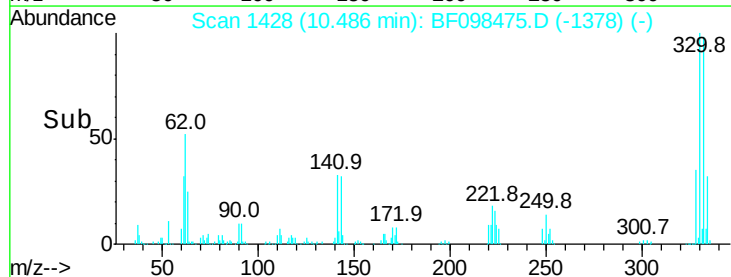
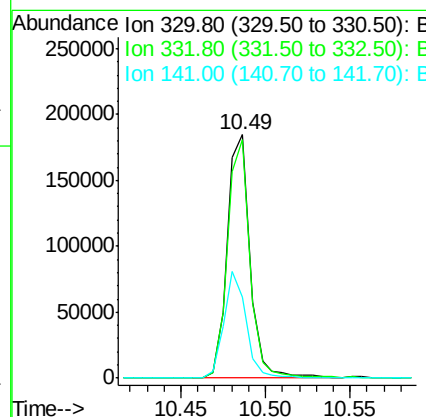
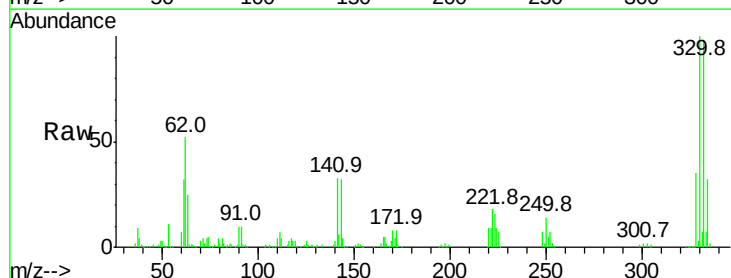
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 OK-02-090817

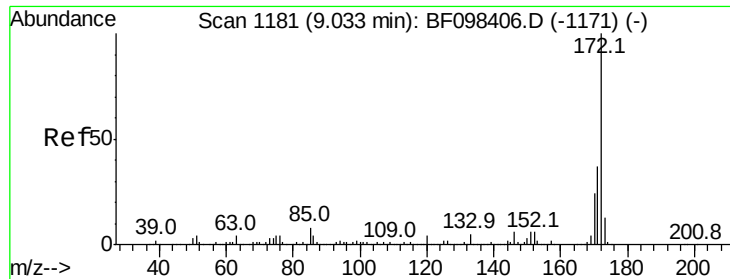
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	46.0	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 82.063 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF098475.D
 Acq: 13 Sep 2017 3:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	43.3	31.4	47.2

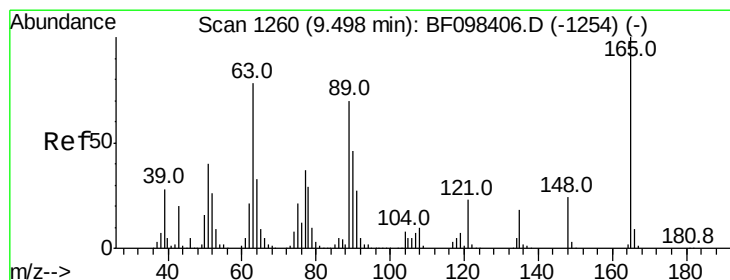
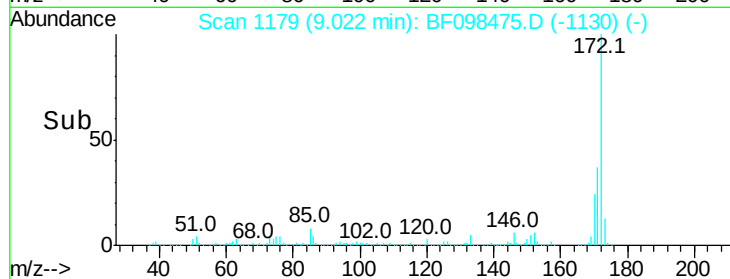
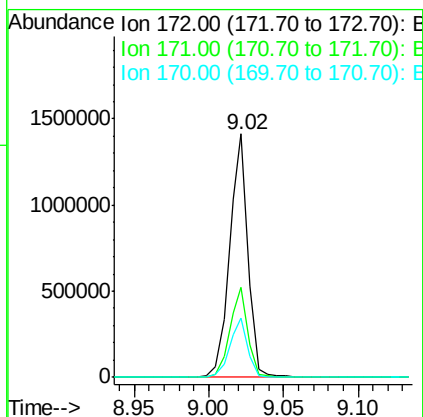
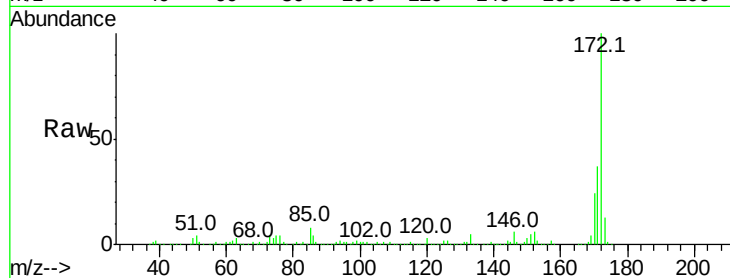




#44
 2-Fluorobiphenyl
 Concen: 65.338 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF098475.D
 Acq: 13 Sep 2017 3:17

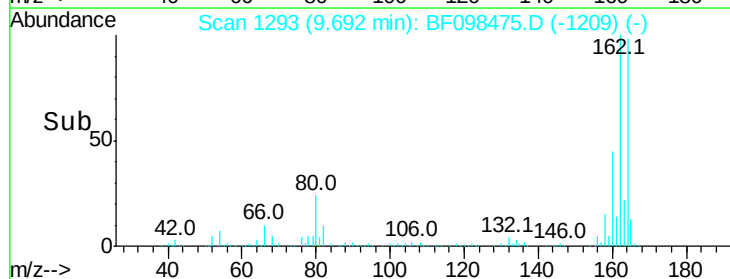
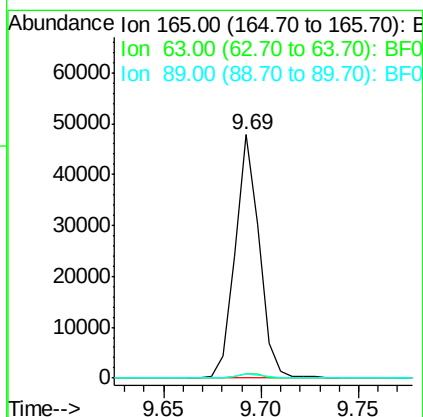
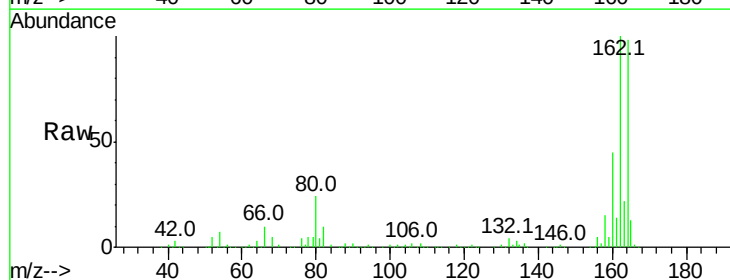
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-090817

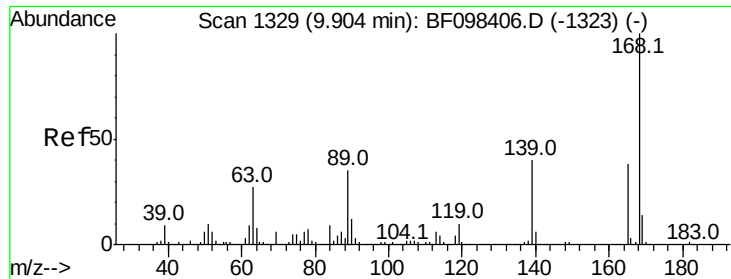
Tot Ion:172 Resp: 1231184
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.1 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 8.085 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.19 min
 Lab File: BF098475.D
 Acq: 13 Sep 2017 3:17

Tgt Ion:165 Resp: 41057
 Ion Ratio Lower Upper
 165 100
 63 1.6 34.3 51.5#
 89 1.7 37.1 55.7#

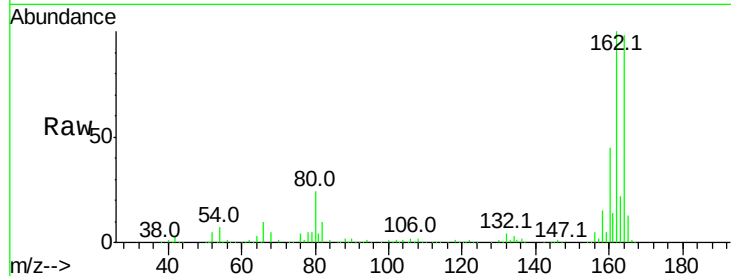




#56
 2,4-Dinitrotoluene
 Concen: 6.650 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.21 min
 Lab File: BF098475.D
 Acq: 13 Sep 2017 3:17

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-090817

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

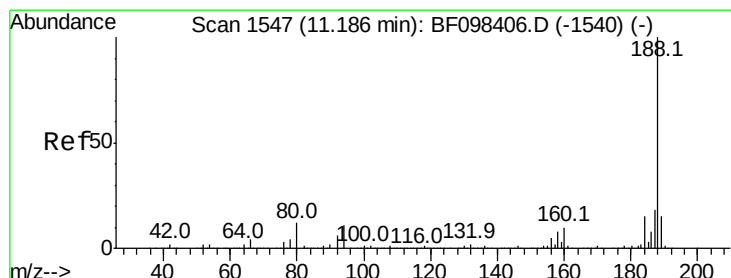
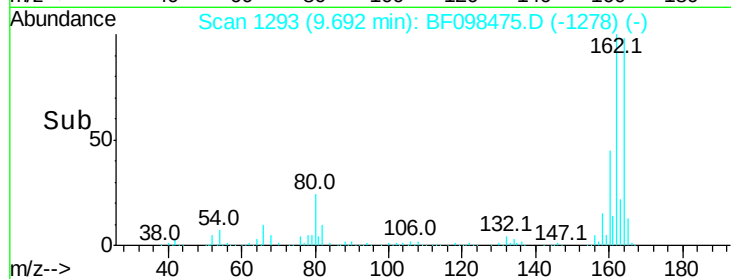
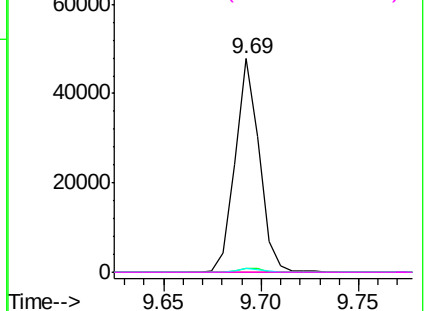


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

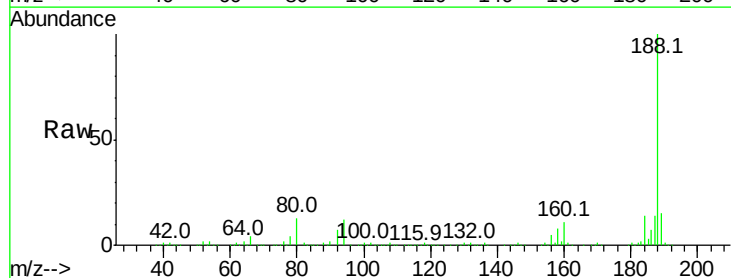
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF098475.D
 Acq: 13 Sep 2017 3:17

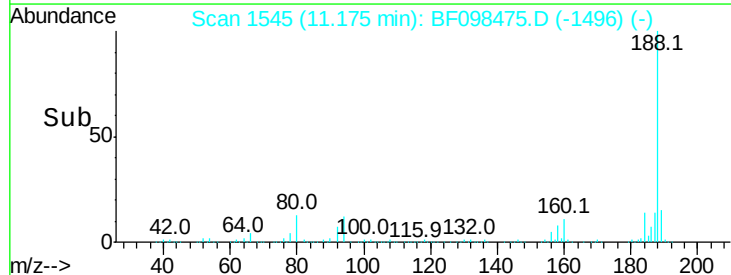
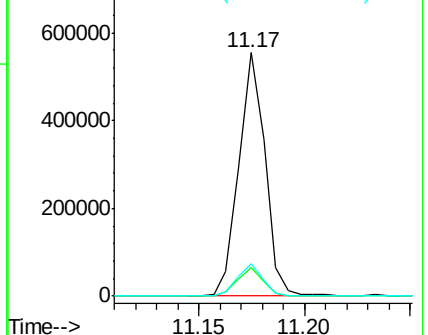
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	13.4	10.2	15.2

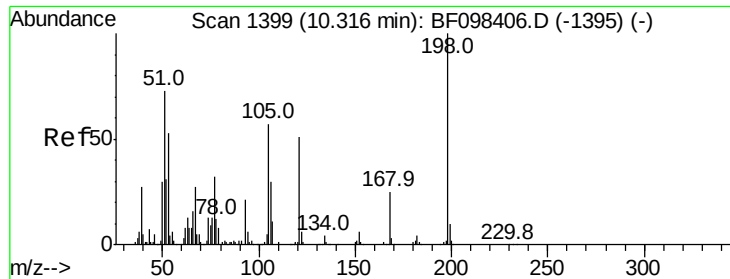


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

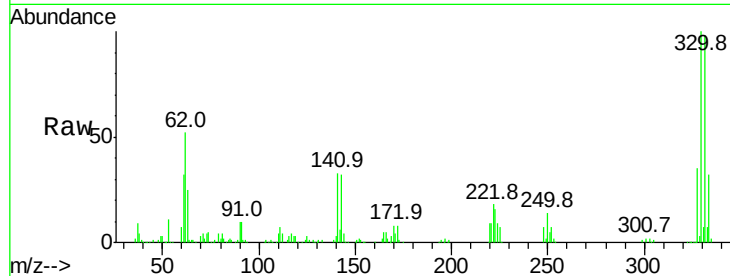




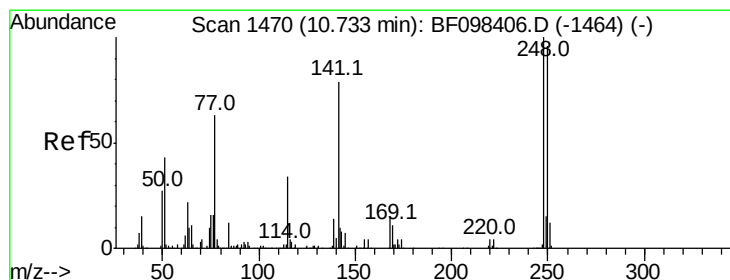
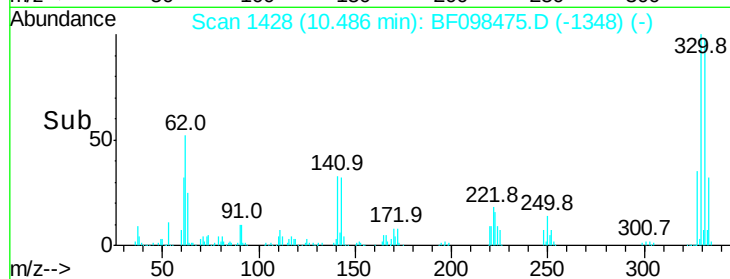
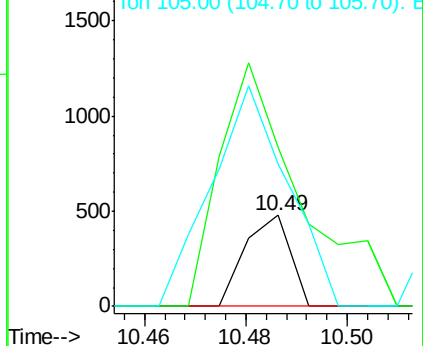
#64
4,6-Dinitro-2-methylphenol
Concen: 5.055 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.17 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tot Ion	Ratio	Lower	Upper
198	100		
51	175.2	53.2	93.2#
105	156.6	45.8	85.8#

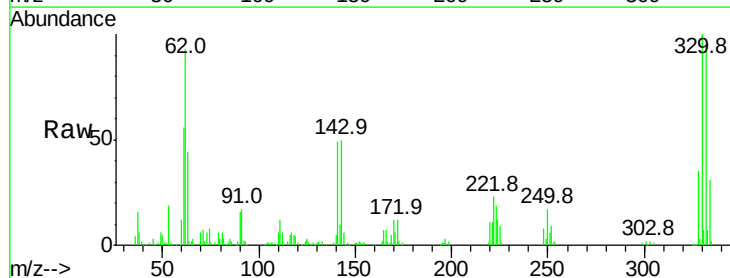


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

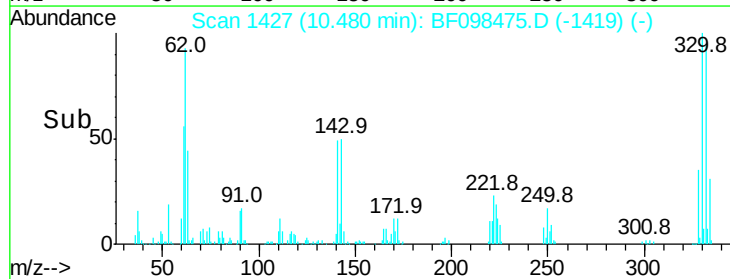
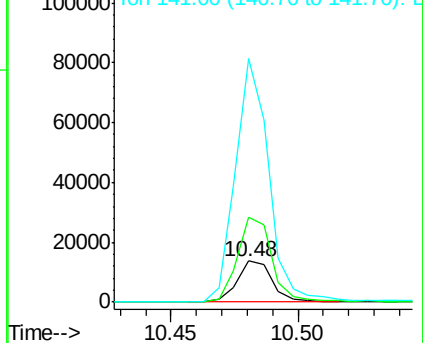


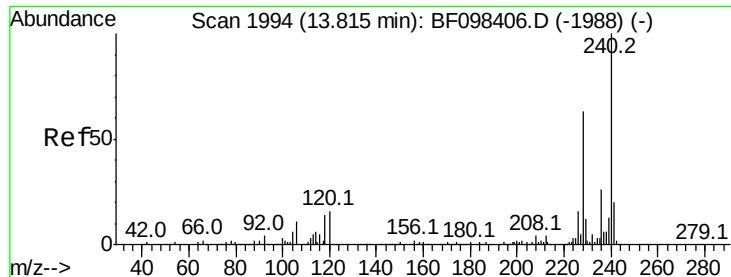
#66
4-Bromophenyl-phenylether
Concen: 2.921 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.25 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	205.5	76.8	115.2#
141	591.9	68.6	103.0#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF098475.D

Acq: 13 Sep 2017 3:17

Instrument :

BNA_F

ClientSampleId :

OK-02-090817

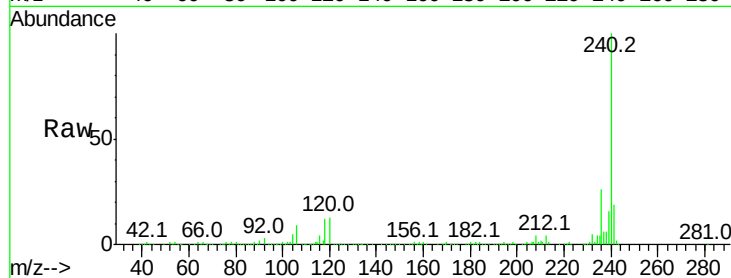
Tot Ion:240 Resp: 374821

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

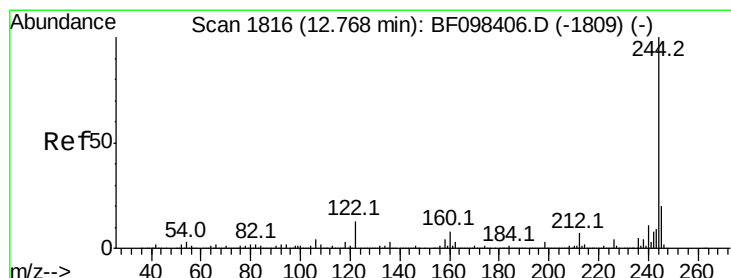
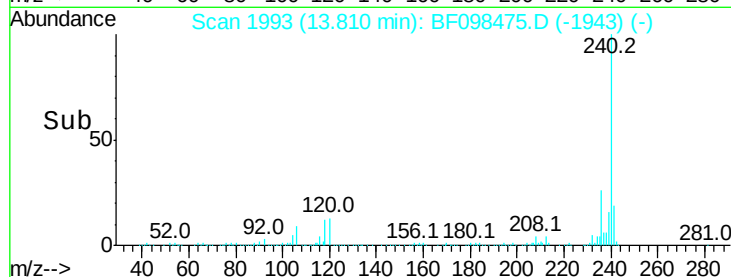
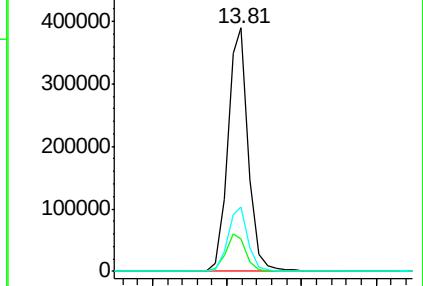
236 26.2 20.5 30.7



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



#78

Terphenyl-d14

Concen: 51.190 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF098475.D

Acq: 13 Sep 2017 3:17

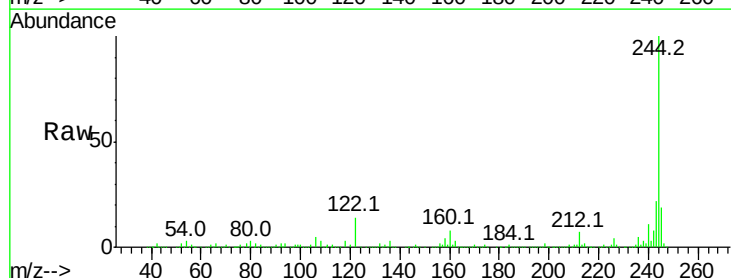
Tgt Ion:244 Resp: 888932

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

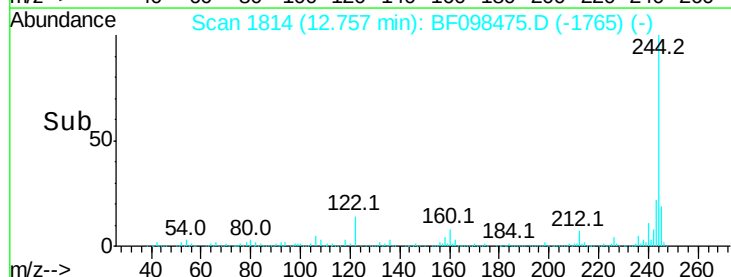
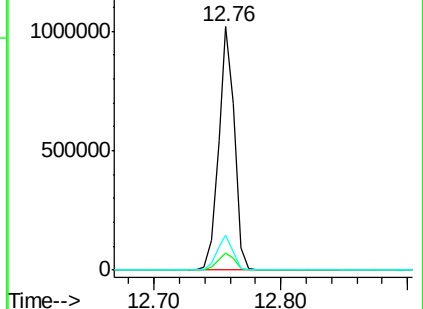
122 14.3 10.3 15.5

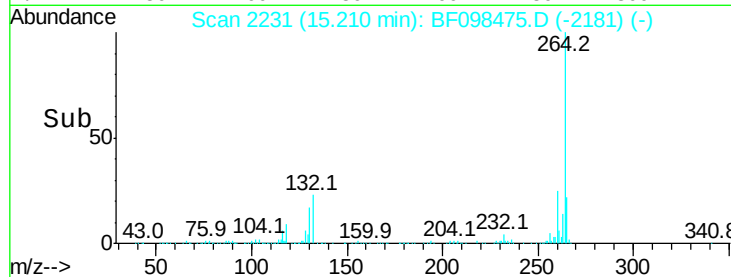
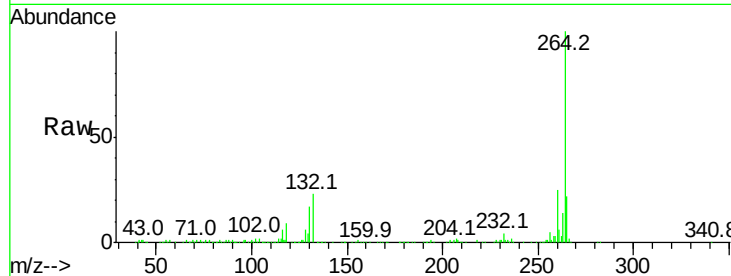
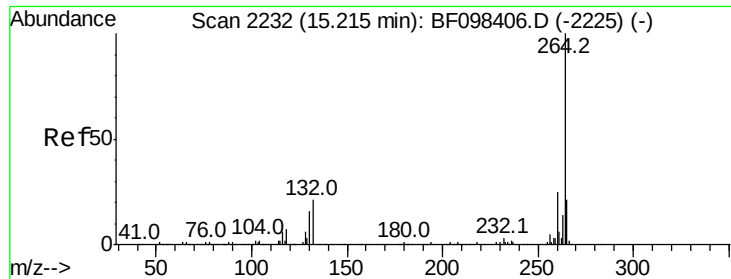


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF098475.D
Acq: 13 Sep 2017 3:17

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.2	17.2	25.8

