

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098379.D
 Acq On : 9 Sep 2017 12:10
 Operator : SJ/JU
 Sample : PB102122BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 04:30:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

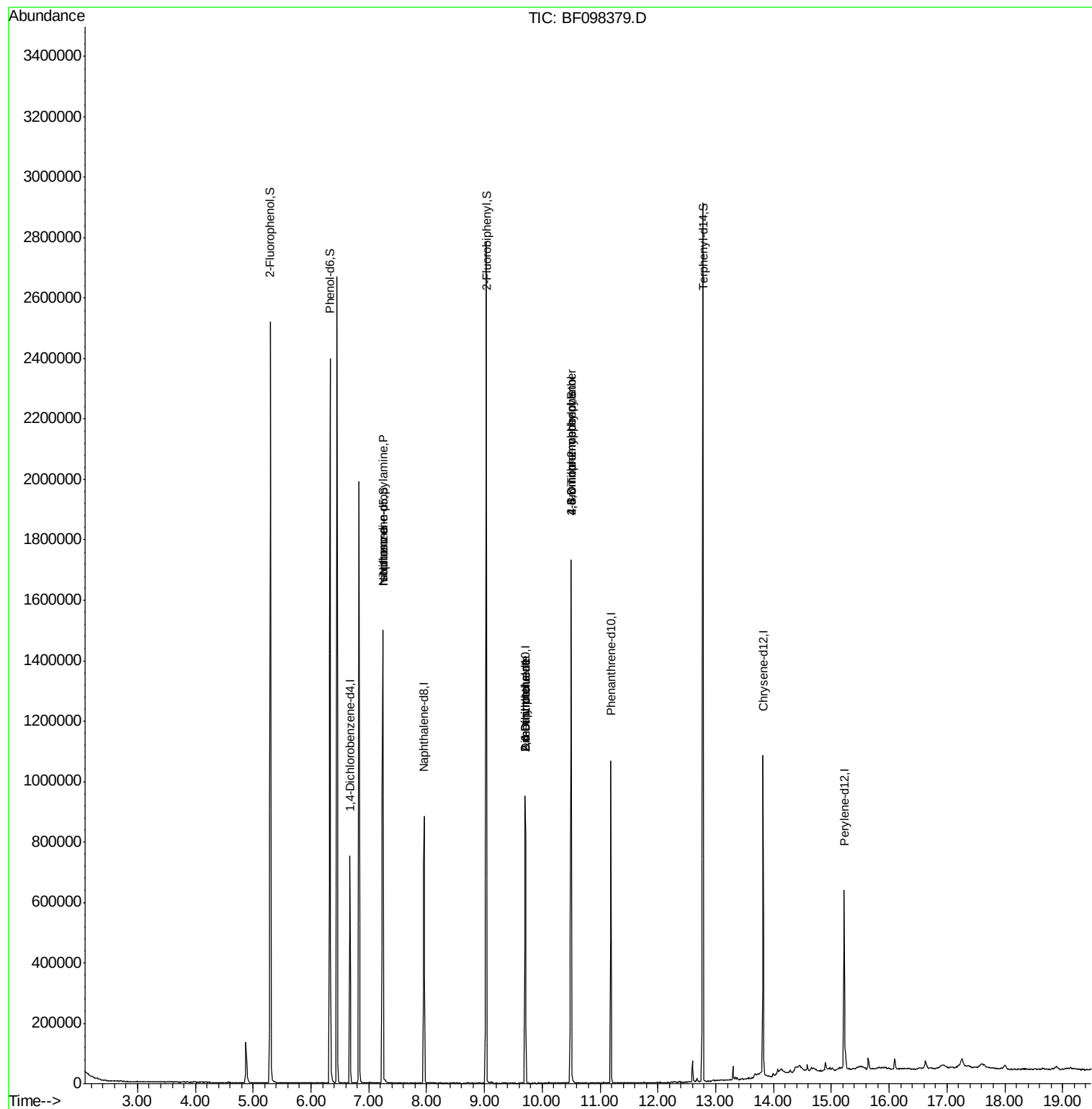
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	102908	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	416617	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	193498	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	405364	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	336259	20.00	ng	-0.04
86) Perylene-d12	15.22	264	252094	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	763911	112.91	ng	0.00
7) Phenol-d6	6.33	99	1029410	111.99	ng	-0.02
23) Nitrobenzene-d5	7.25	82	649428	84.68	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	236857	141.08	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	1073400	81.50	ng	-0.04
78) Terphenyl-d14	12.78	244	1035969	64.25	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	85339	13.562	ng	# 67
25) Isophorone	7.25	82	645267	40.464	ng	# 67
49) Dimethylphthalate	9.71	163	55685	3.937	ng	# 1
50) 2,6-Dinitrotoluene	9.70	165	24507	8.680	ng	# 34
56) 2,4-Dinitrotoluene	9.70	165	24507	6.917	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.50	198	490	8.533	ng	# 1
66) 4-Bromophenyl-phenylether	10.50	248	15113	3.590	ng	# 1

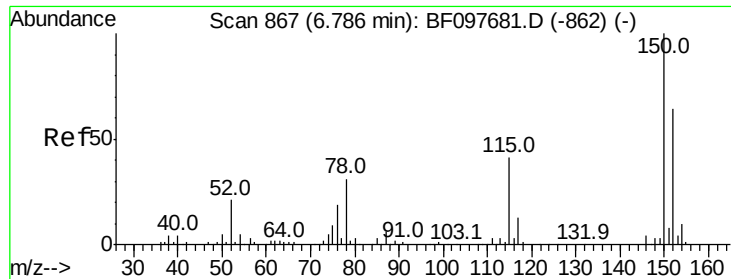
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098379.D
Acq On : 9 Sep 2017 12:10
Operator : SJ/JU
Sample : PB102122BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 11 04:30:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration



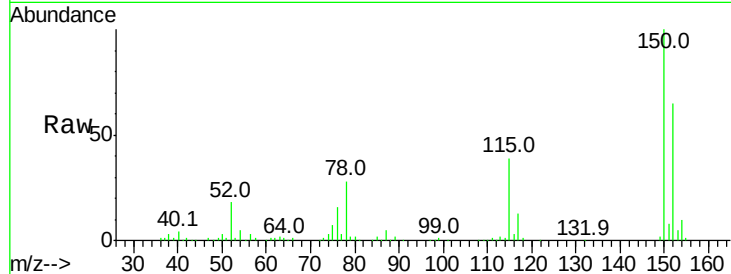


#1

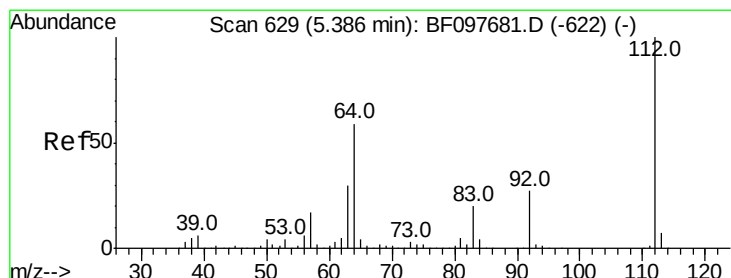
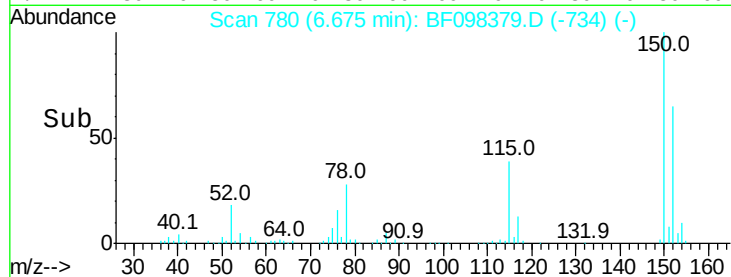
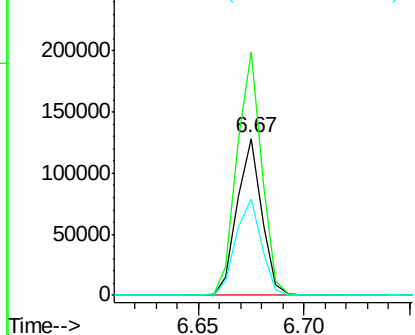
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF098379.D
Acq: 9 Sep 2017 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102908
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 61.1 52.2 78.2



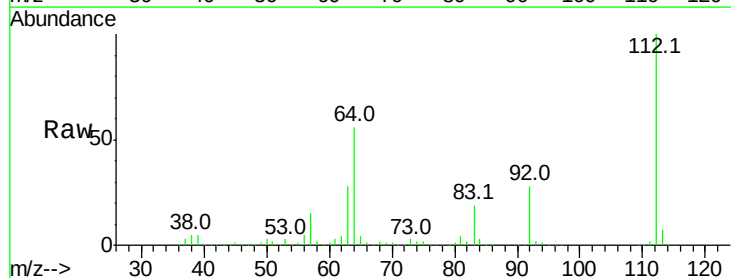
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



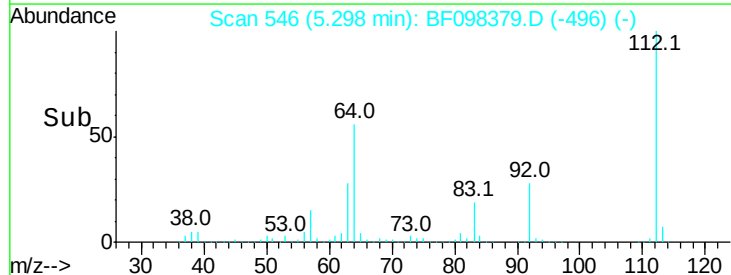
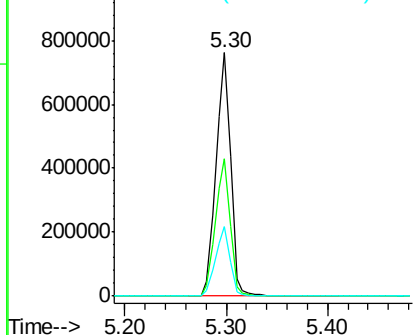
#5

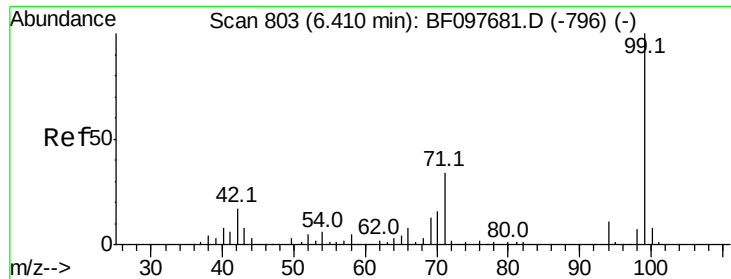
2-Fluorophenol
Concen: 112.913 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF098379.D
Acq: 9 Sep 2017 12:10

Tgt Ion:112 Resp: 763911
Ion Ratio Lower Upper
112 100
64 56.3 46.0 69.0
63 28.5 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: 111.985 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098379.D

Acq: 9 Sep 2017 12:10

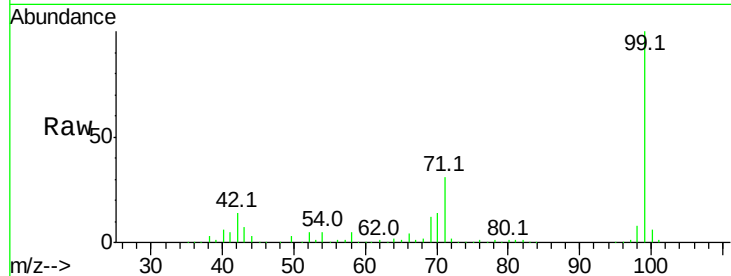
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1029410

Ion	Ratio	Lower	Upper
99	100		
42	13.5	13.5	20.3
71	31.2	24.5	36.7

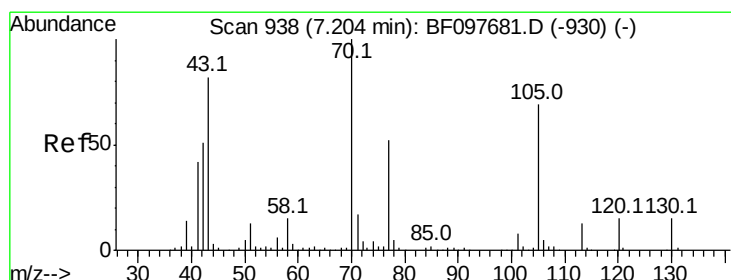
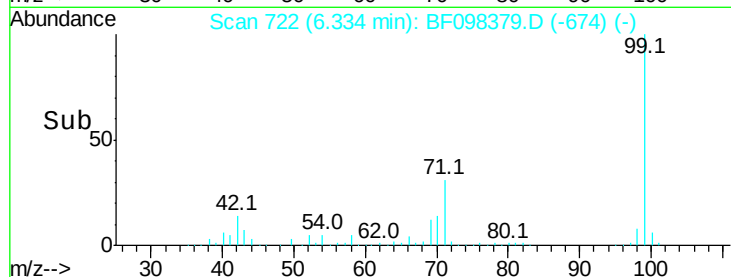
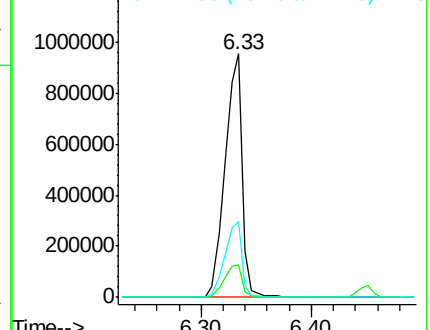


Abundance

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: 13.562 ng

RT: 7.25 min Scan# 877

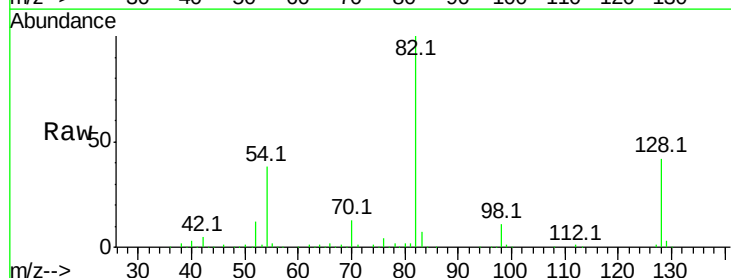
Delta R.T. 0.12 min

Lab File: BF098379.D

Acq: 9 Sep 2017 12:10

Tgt Ion: 70 Resp: 85339

Ion	Ratio	Lower	Upper
70	100		
42	34.9	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#



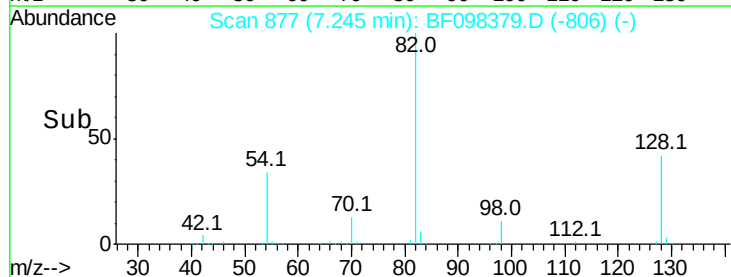
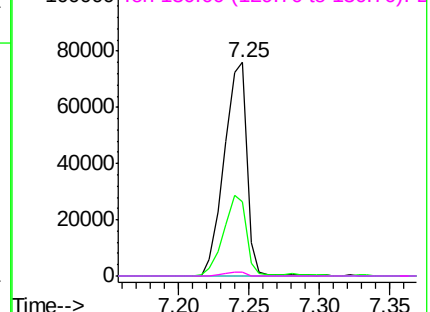
Abundance

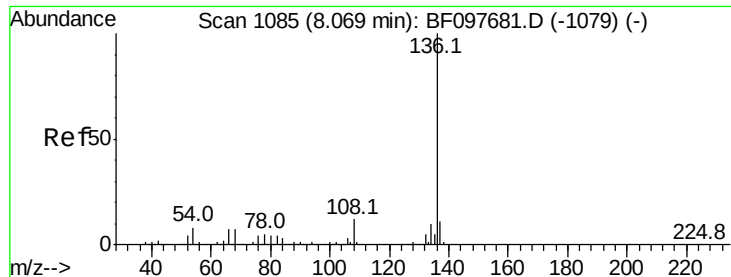
Ion 70.00 (69.70 to 70.70): BF0

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

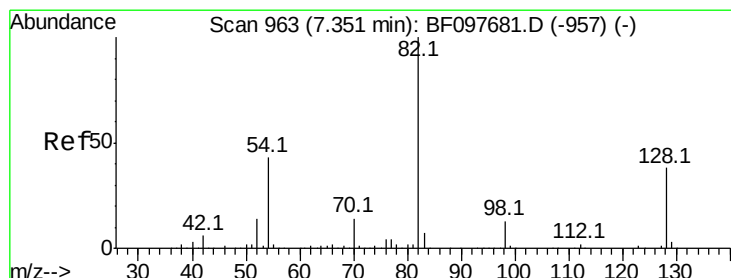
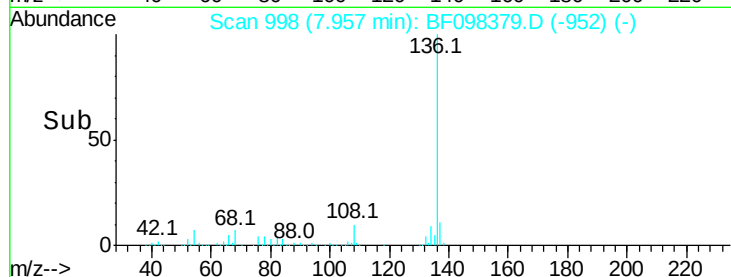
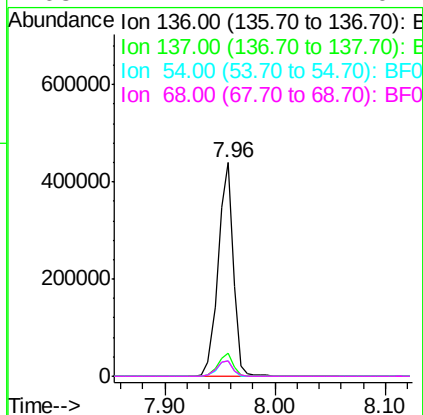
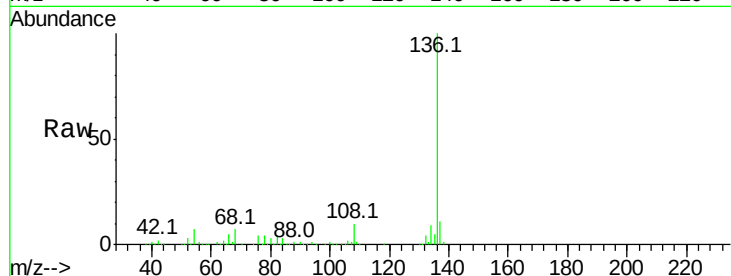




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.03 min
Lab File: BF098379.D
Acq: 9 Sep 2017 12:10

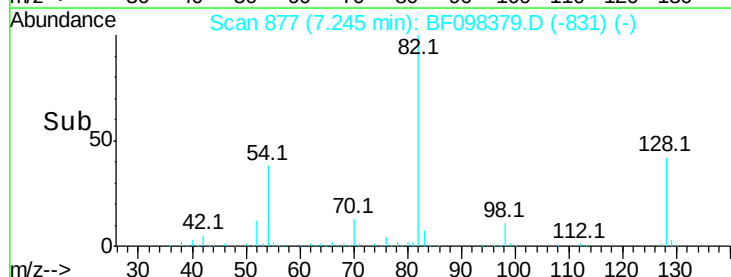
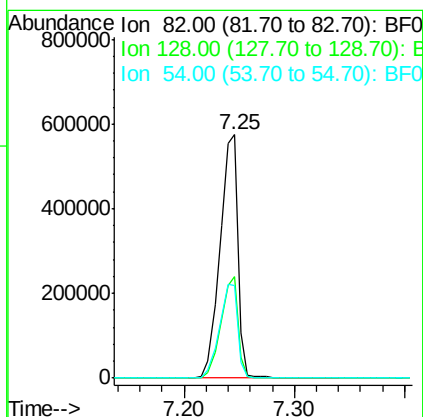
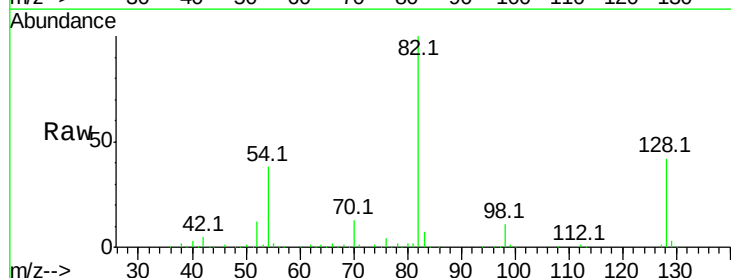
Instrument :
BNA_F
ClientSampleId :

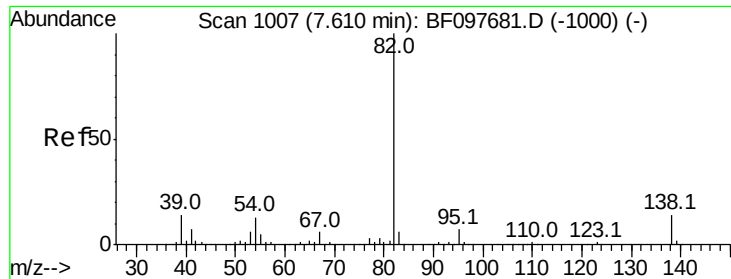
Tot Ion:	136	Resp:	416617
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.1	4.9	7.3
68	7.2	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 84.682 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.03 min
Lab File: BF098379.D
Acq: 9 Sep 2017 12:10

Tgt Ion:	82	Resp:	649428
Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.0	51.0
54	38.1	42.2	63.2#





#25

Isophorone

Concen: 40.464 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.29 min

Lab File: BF098379.D

Acq: 9 Sep 2017 12:10

Instrument :

BNA_F

ClientSampleId :

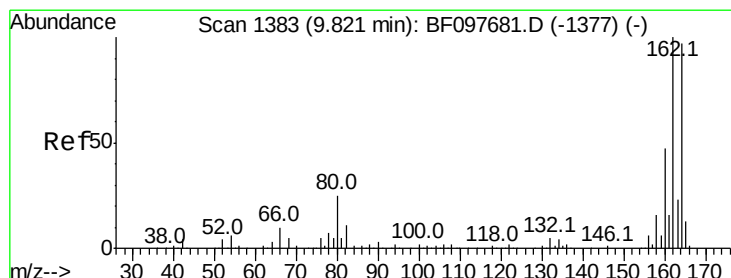
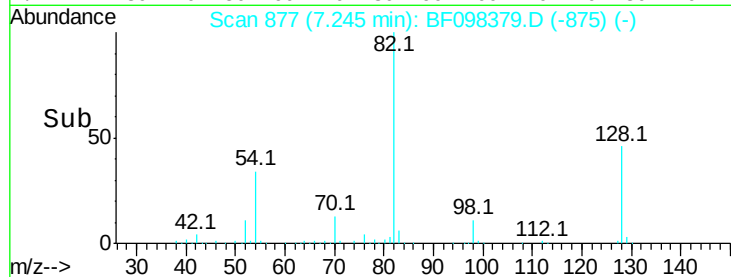
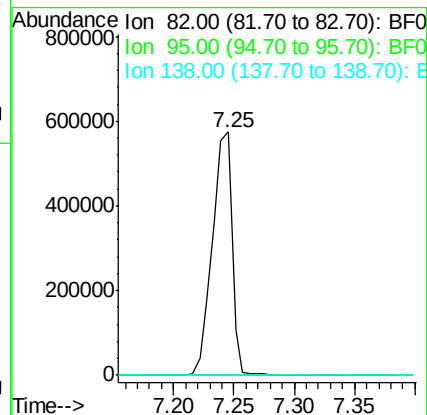
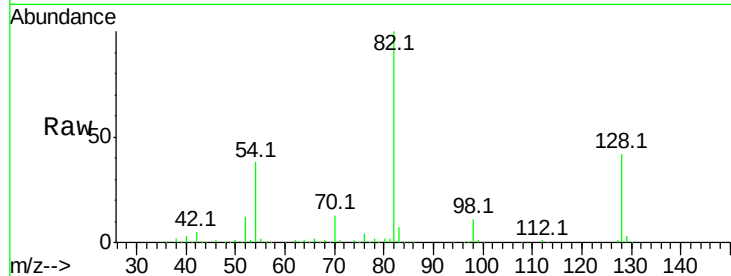
Tot Ion: 82 Resp: 645267

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.04 min

Lab File: BF098379.D

Acq: 9 Sep 2017 12:10

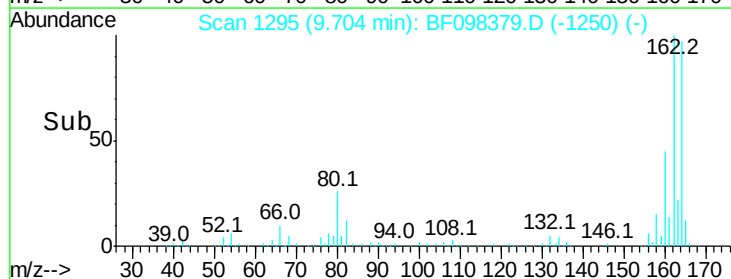
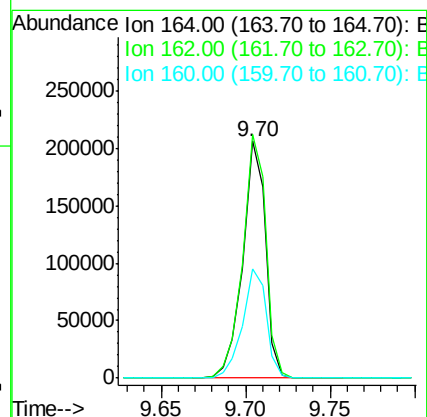
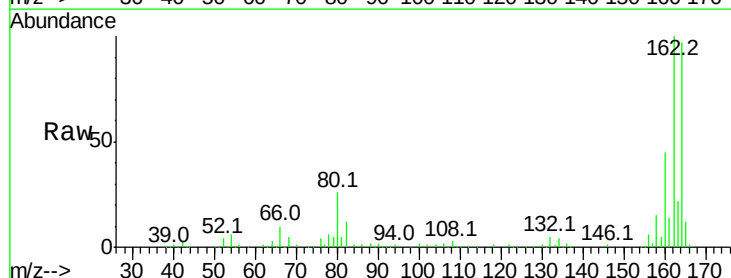
Tgt Ion:164 Resp: 193498

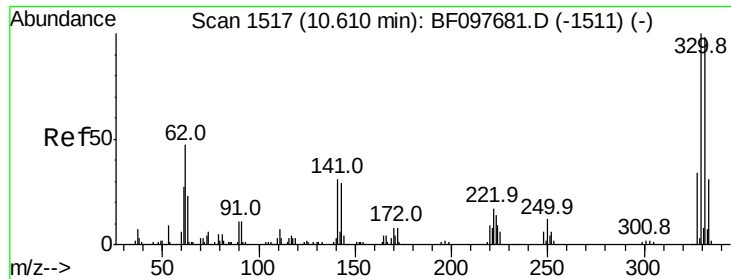
Ion Ratio Lower Upper

164 100

162 102.7 82.6 123.8

160 45.9 36.2 54.2

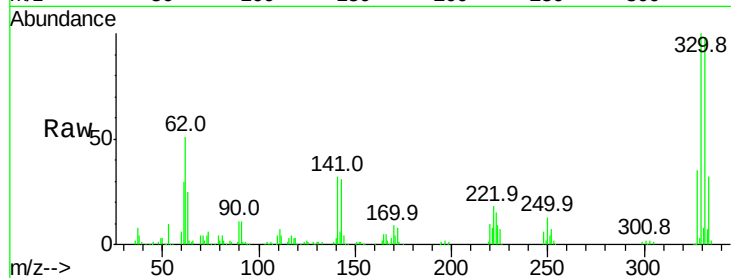




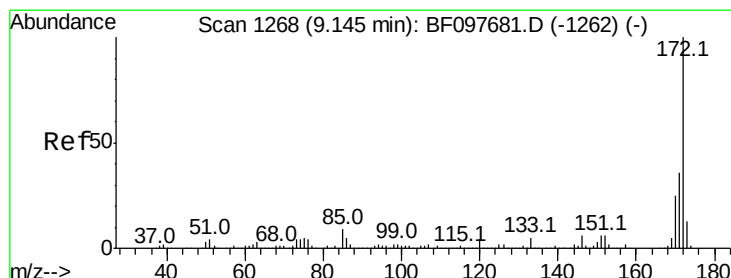
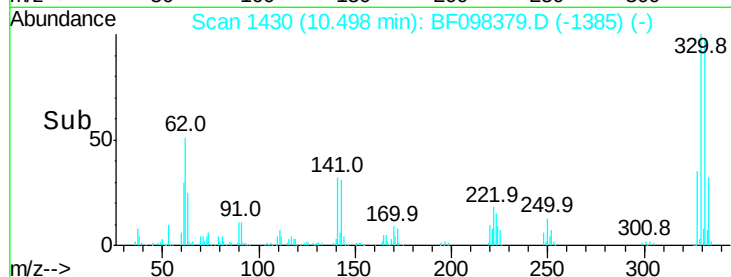
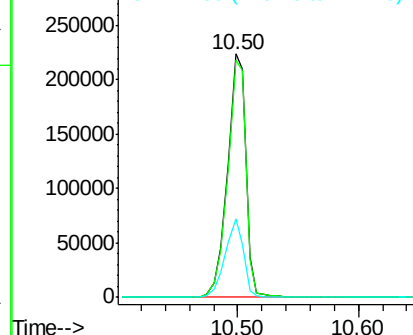
#41
 2,4,6-Tribromophenol
 Concen: 141.078 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.04 min
 Lab File: BF098379.D
 Acq: 9 Sep 2017 12:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	32.2	31.4	47.2

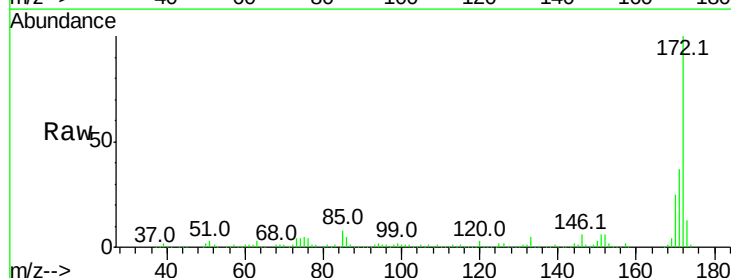


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

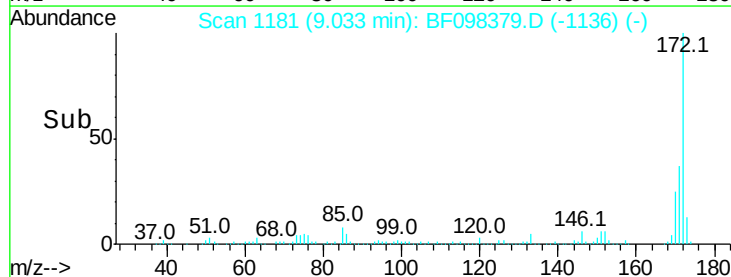
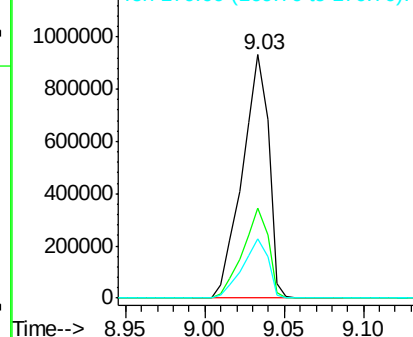


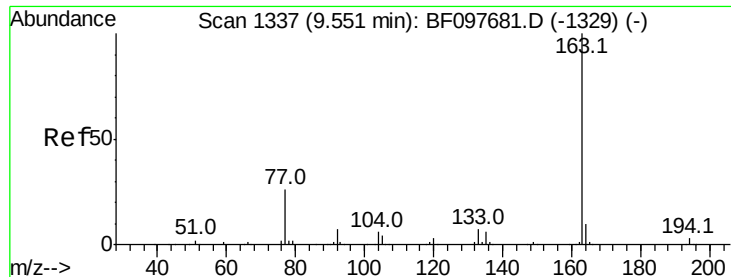
#44
 2-Fluorobiphenyl
 Concen: 81.502 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.04 min
 Lab File: BF098379.D
 Acq: 9 Sep 2017 12:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.5	19.8	29.8



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





#49

Dimethylphthalate

Concen: 3.937 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.24 min

Lab File: BF098379.D

Acq: 9 Sep 2017 12:10

Instrument :

BNA_F

ClientSampled :

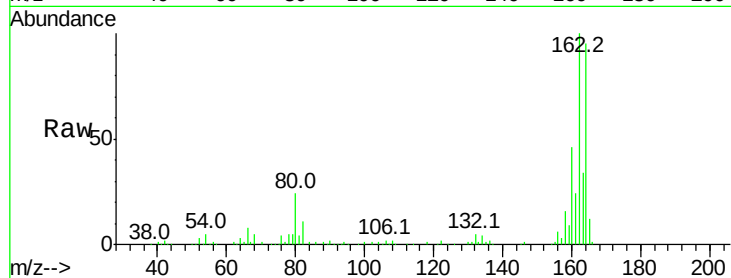
Tot Ion:163 Resp: 55685

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

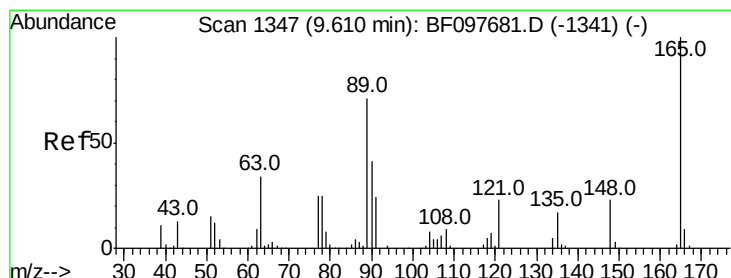
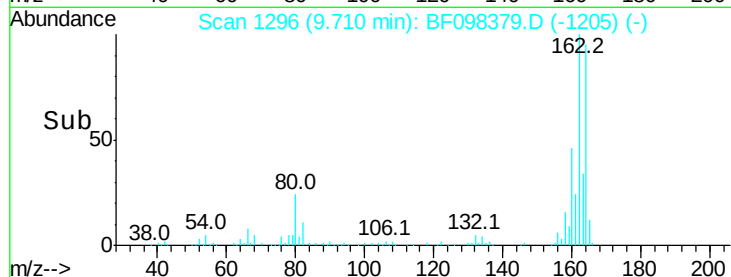
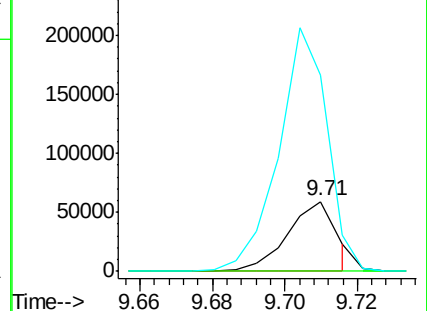
164 280.2 8.4 12.6#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 8.680 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.16 min

Lab File: BF098379.D

Acq: 9 Sep 2017 12:10

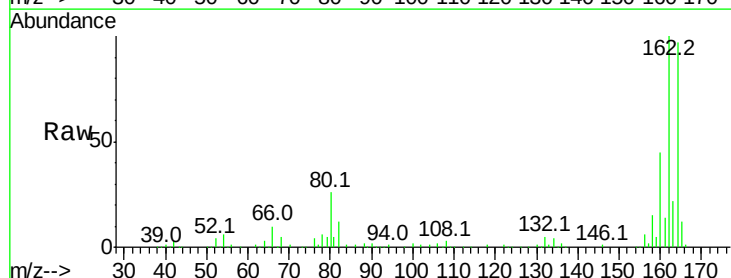
Tgt Ion:165 Resp: 24507

Ion Ratio Lower Upper

165 100

63 1.3 34.3 51.5#

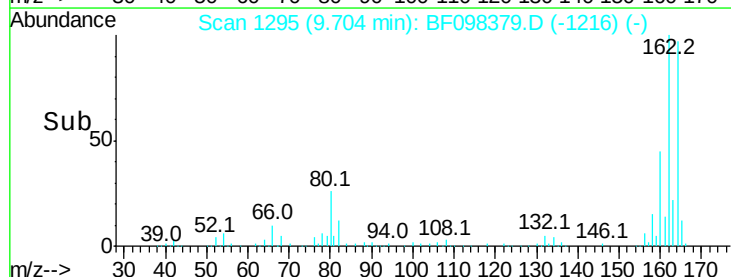
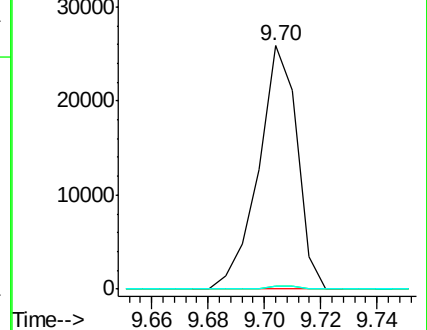
89 1.4 37.1 55.7#

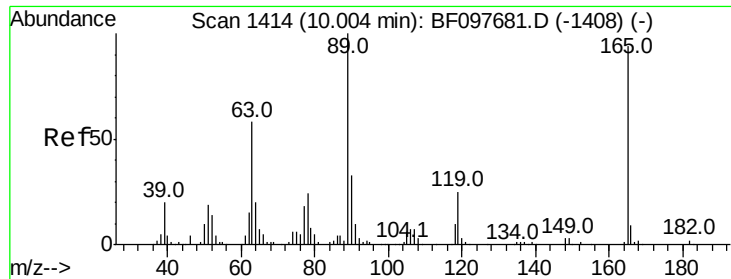


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.917 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.24 min

Lab File: BF098379.D

Acq: 9 Sep 2017 12:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 24507

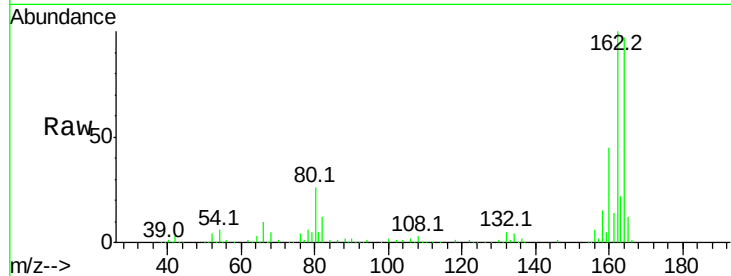
Ion Ratio Lower Upper

165 100

63 1.3 25.4 38.0#

89 1.4 46.4 69.6#

182 0.0 1.8 2.6#

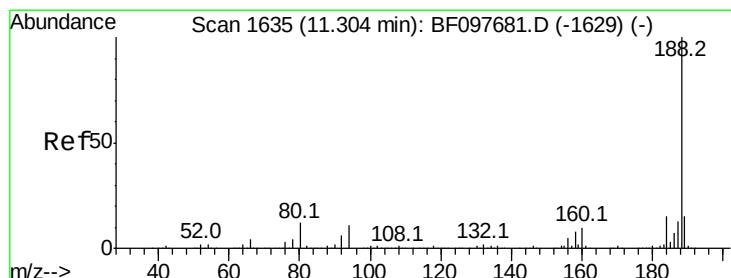
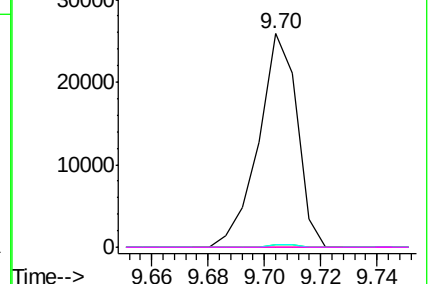
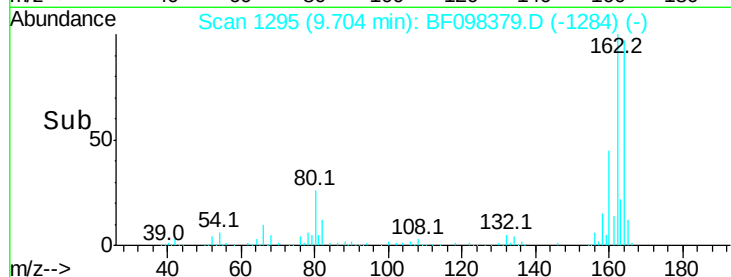


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.19 min Scan# 1547

Delta R.T. -0.04 min

Lab File: BF098379.D

Acq: 9 Sep 2017 12:10

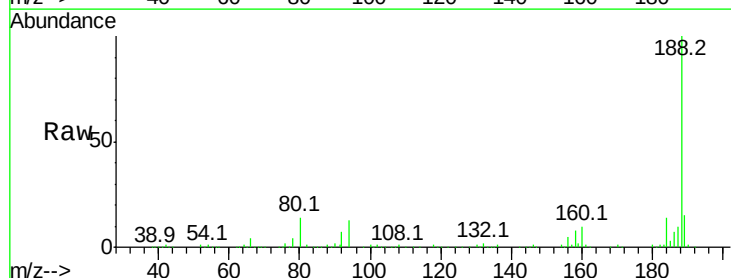
Tgt Ion:188 Resp: 405364

Ion Ratio Lower Upper

188 100

94 12.9 9.4 14.2

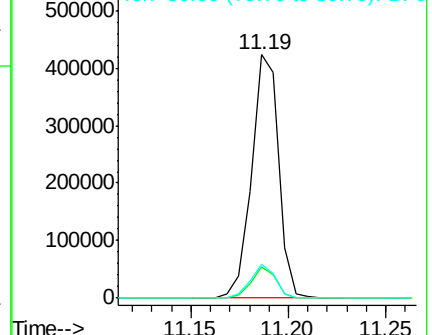
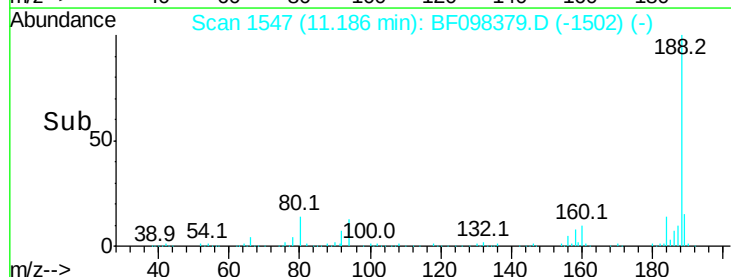
80 13.7 10.2 15.2

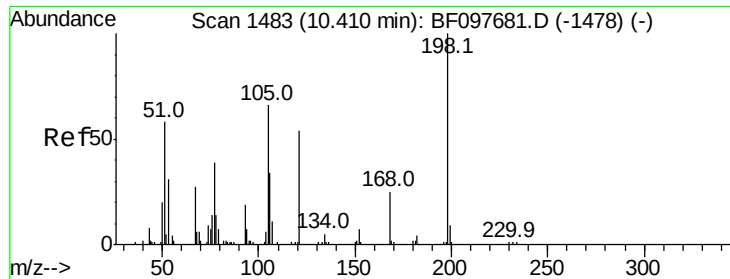


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

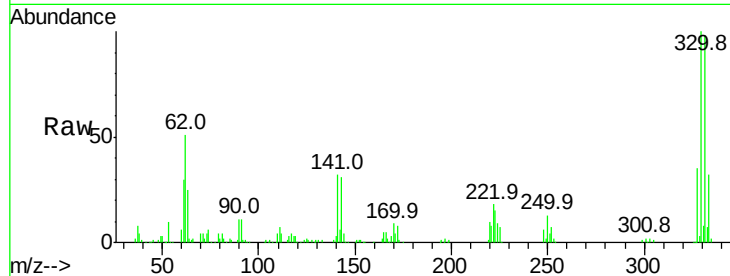




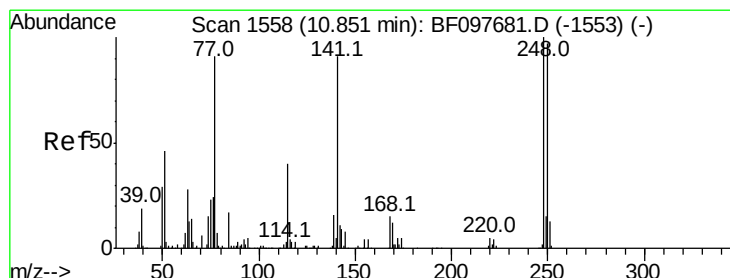
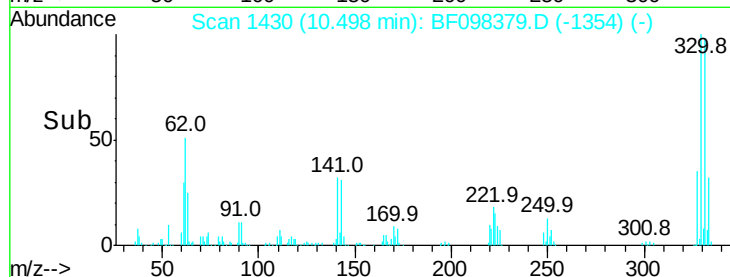
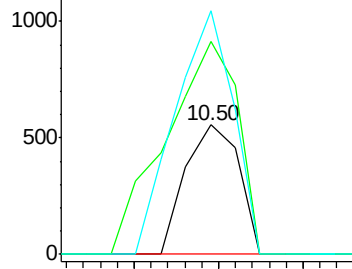
#64
4,6-Dinitro-2-methylphenol
Concen: 8.533 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.15 min
Lab File: BF098379.D
Acq: 9 Sep 2017 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 490
Ion Ratio Lower Upper
198 100
51 164.5 53.2 93.2#
105 188.5 45.8 85.8#

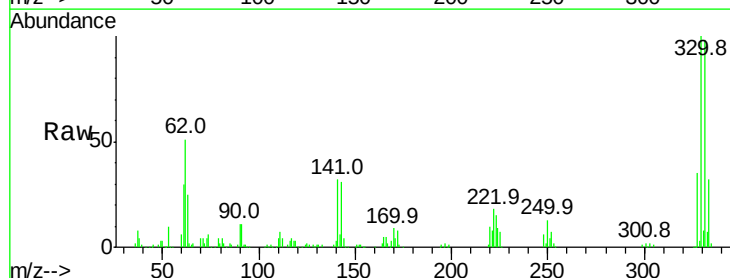


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

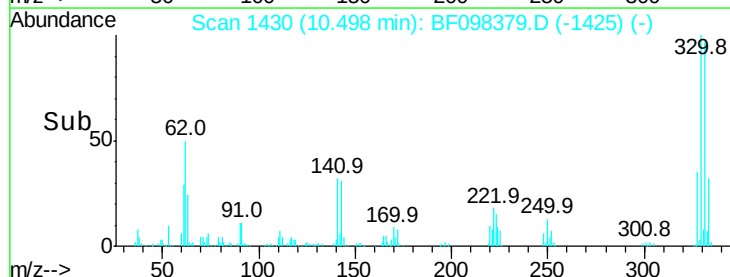
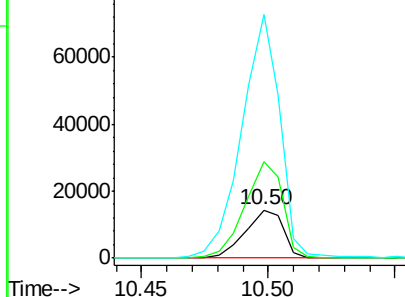


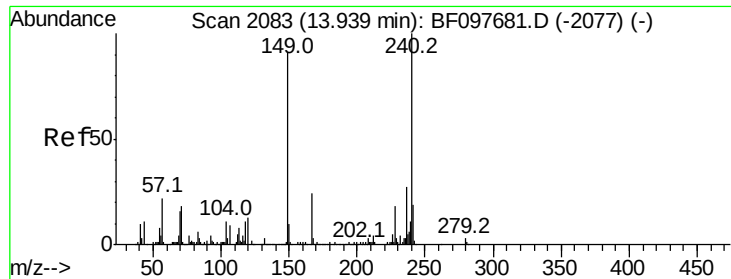
#66
4-Bromophenyl-phenylether
Concen: 3.590 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.27 min
Lab File: BF098379.D
Acq: 9 Sep 2017 12:10

Tgt Ion:248 Resp: 15113
Ion Ratio Lower Upper
248 100
250 200.4 76.8 115.2#
141 502.9 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: 13.82 min Scan# 1995

Delta R.T. -0.04 min

Lab File: BF098379.D

Acq: 9 Sep 2017 12:10

Instrument :

BNA_F

ClientSampled :

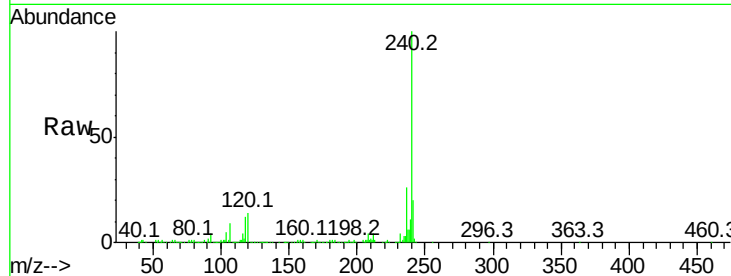
Tot Ion:240 Resp: 336259

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

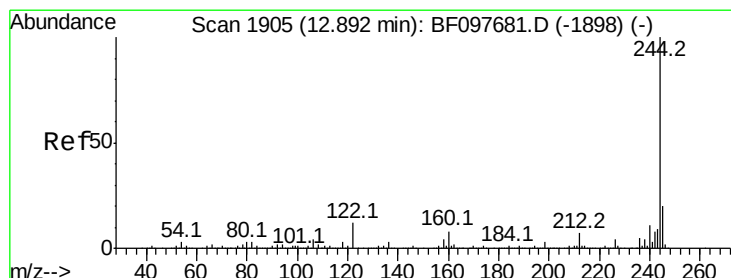
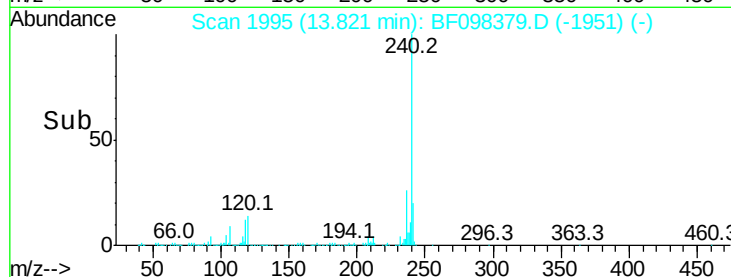
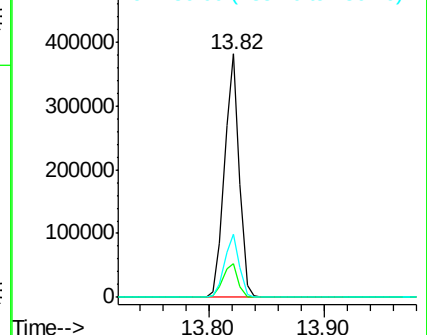
236 25.7 20.5 30.7



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: 64.246 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.03 min

Lab File: BF098379.D

Acq: 9 Sep 2017 12:10

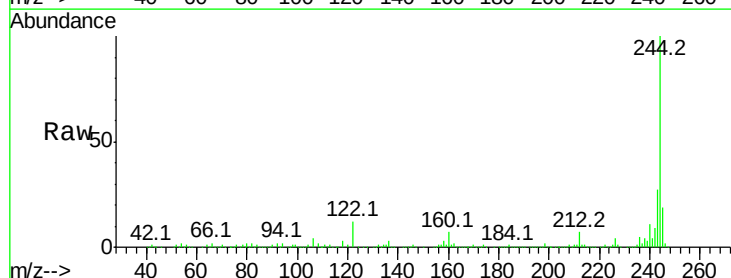
Tgt Ion:244 Resp: 1035969

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

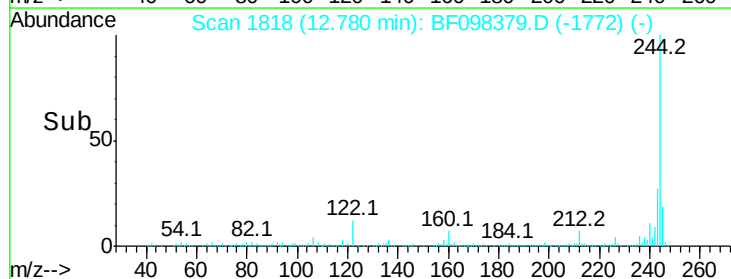
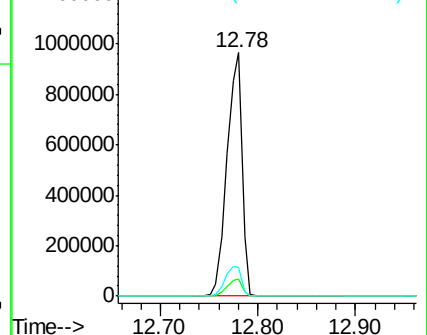
122 11.8 10.3 15.5

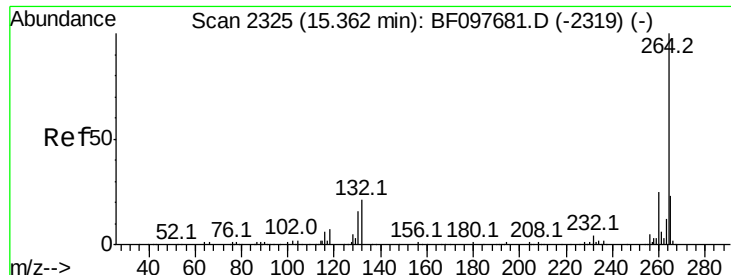


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

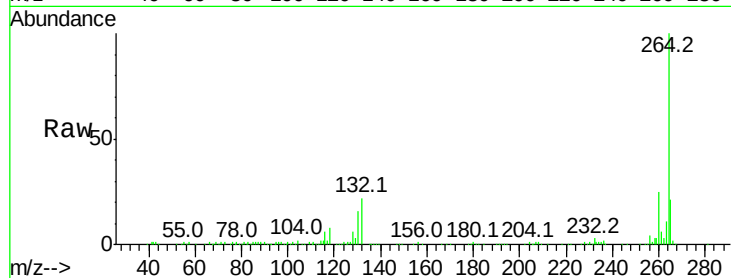




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.04 min
 Lab File: BF098379.D
 Acq: 9 Sep 2017 12:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.2	17.2	25.8



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

