

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022817\
 Data File : BF093278.D
 Acq On : 1 Mar 2017 7:21
 Operator : SJ/MA
 Sample : I1997-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 01 09:46:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

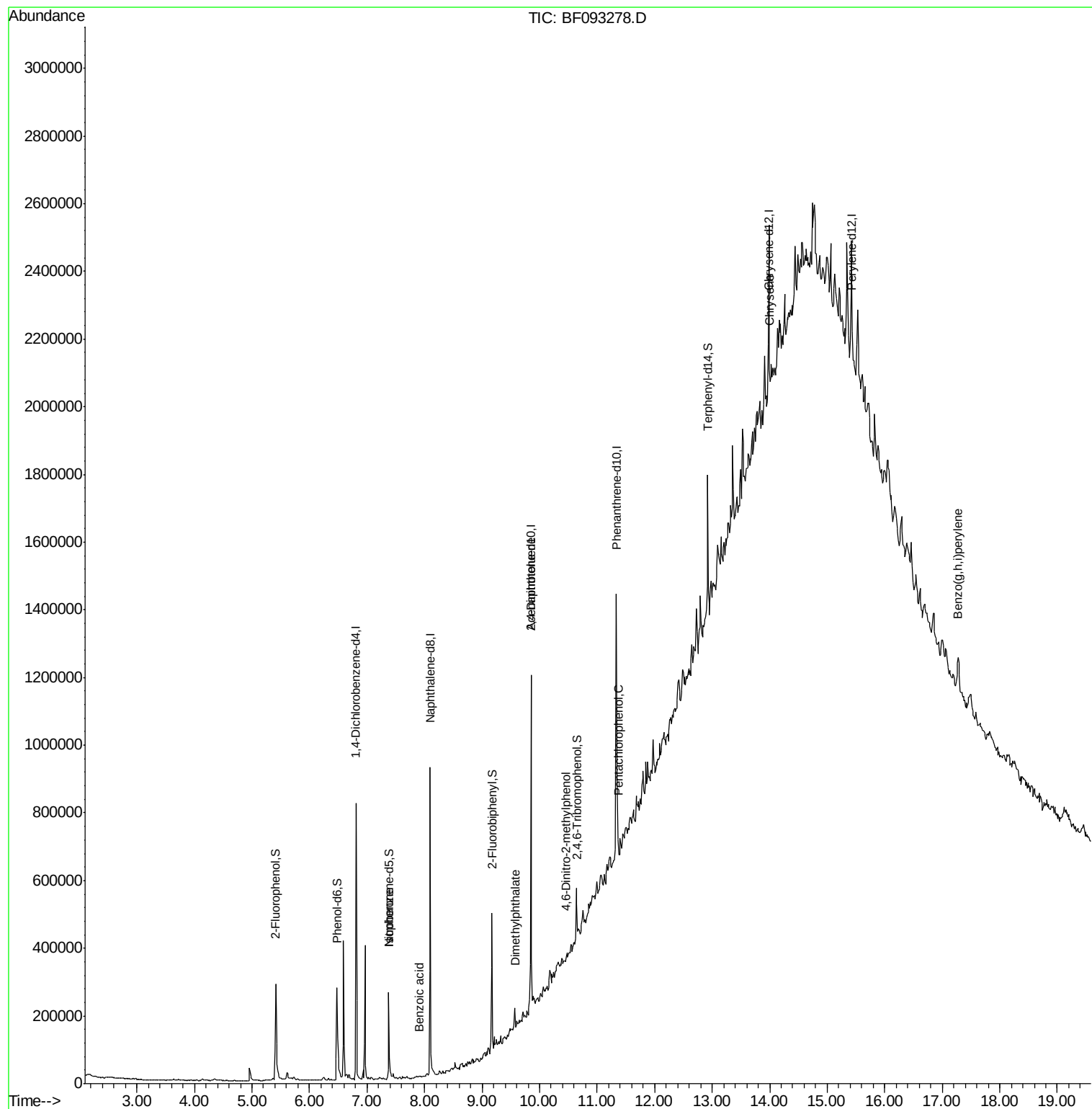
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	126885	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	453246	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	187308	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	298320	20.00	ng	-0.05
75) Chrysene-d12	13.99	240	215696	20.00	ng	-0.03
86) Perylene-d12	15.43	264	130491	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	115297	15.59	ng	-0.03
7) Phenol-d6	6.48	99	143324	15.06	ng	-0.01
23) Nitrobenzene-d5	7.38	82	96496	11.86	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	19437	14.35	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	164903	15.95	ng	-0.05
78) Terphenyl-d14	12.92	244	131296	14.30	ng	-0.05
Target Compounds						
25) Isophorone	7.38	82	85964	5.67	ng	# 65
32) Benzoic acid	7.92	122	227	7.21	ng	# 67
49) Dimethylphthalate	9.57	163	39782	3.15	ng	# 98
56) 2,4-Dinitrotoluene	9.85	165	24919	6.87	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.46	198	468	2.91	ng	# 1
69) Pentachlorophenol	11.37	266	588	7.54	ng	# 18
82) Chrysene	14.00	228	27260	2.21	ng	# 14
91) Benzo(q,h,i)perylene	17.27	276	14364	2.37	ng	# 28

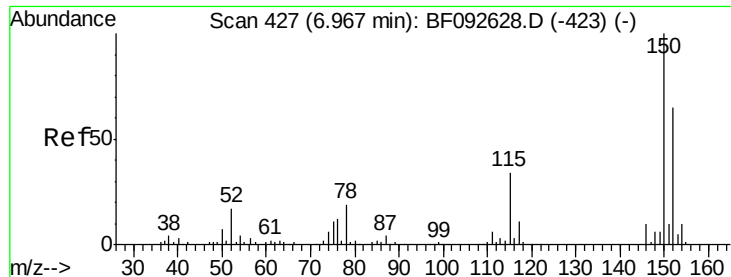
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022817\
Data File : BF093278.D
Acq On : 1 Mar 2017 7:21
Operator : SJ/MA
Sample : I1997-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 01 09:46:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration



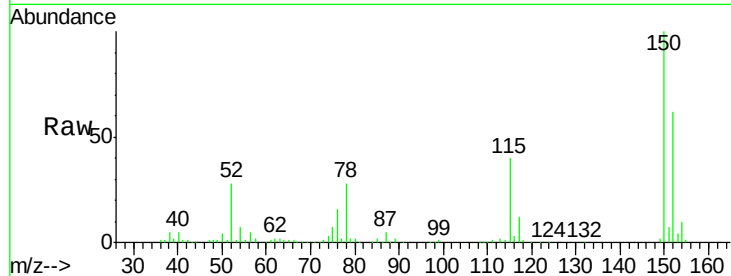


#1

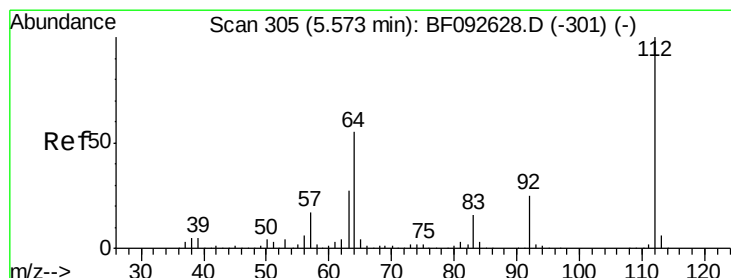
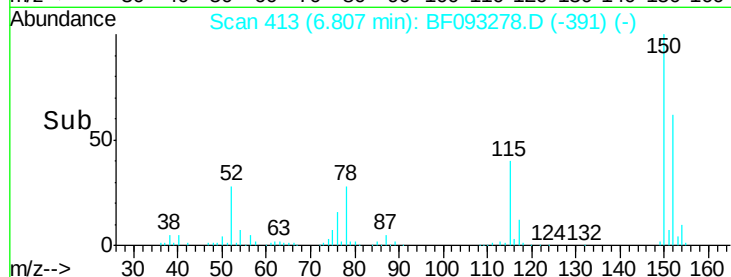
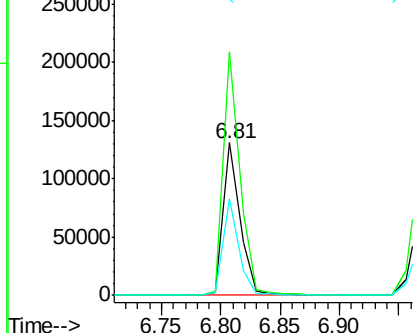
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126885
Ion Ratio Lower Upper
152 100
150 160.0 124.9 187.3
115 63.5 46.0 69.0



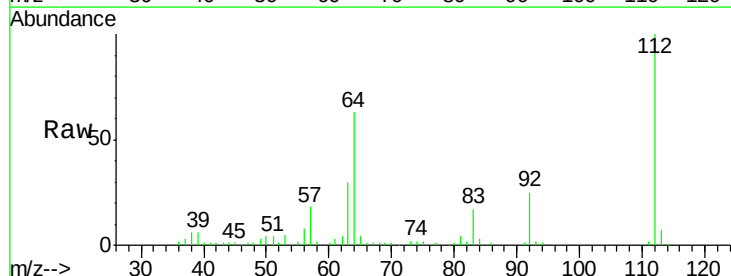
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



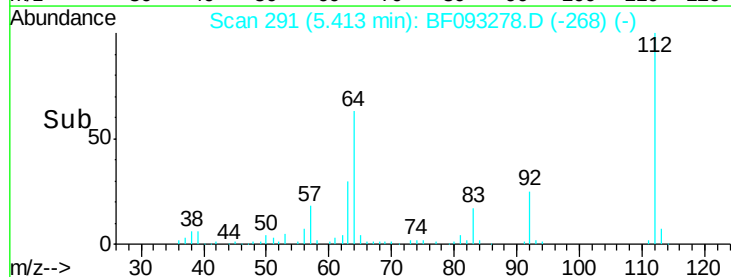
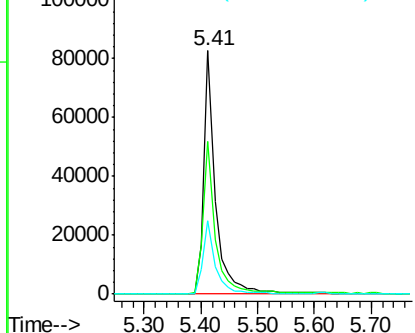
#5

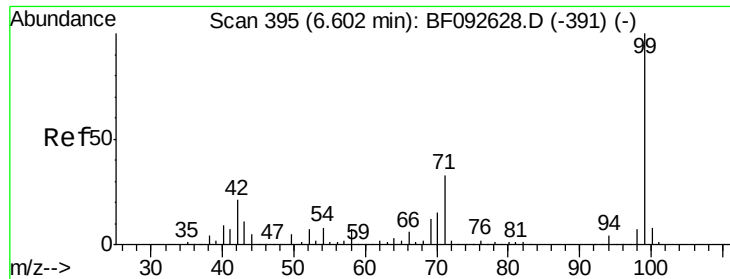
2-Fluorophenol
Concen: 15.59 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.03 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Tgt Ion:112 Resp: 115297
Ion Ratio Lower Upper
112 100
64 62.9 46.1 69.1
63 30.4 23.8 35.6



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: 15.06 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093278.D

Acq: 1 Mar 2017 7:21

Instrument :

BNA_F

ClientSampled :

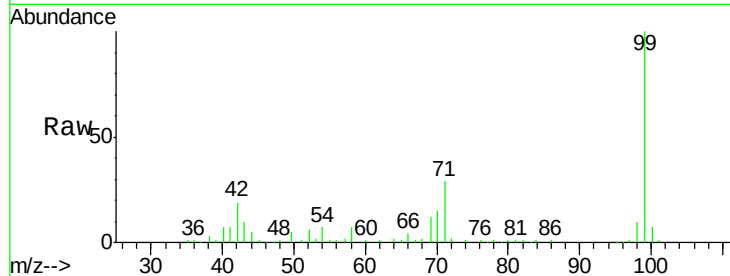
Tot Ion: 99 Resp: 143324

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

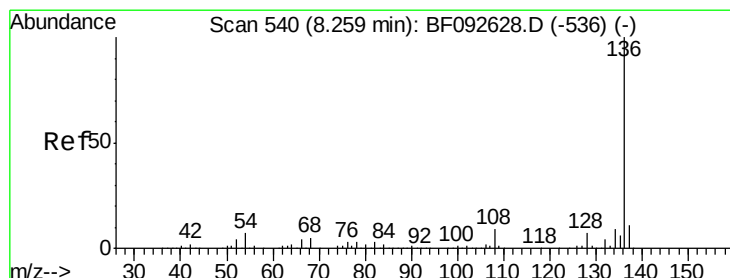
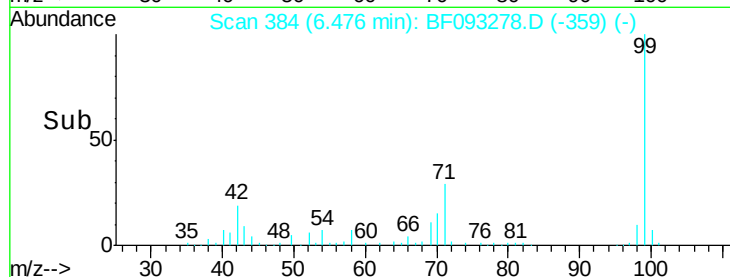
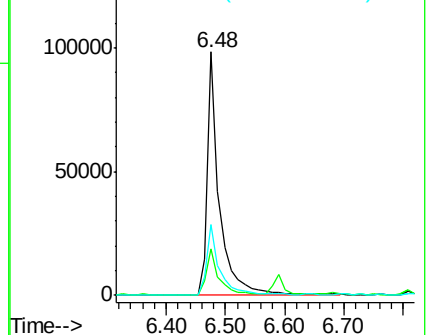
71 28.9 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.05 min

Lab File: BF093278.D

Acq: 1 Mar 2017 7:21

Tgt Ion: 136 Resp: 453246

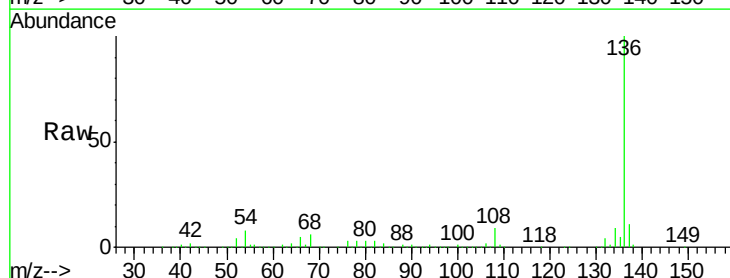
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 8.0 4.5 6.7#

68 6.0 3.6 5.4#

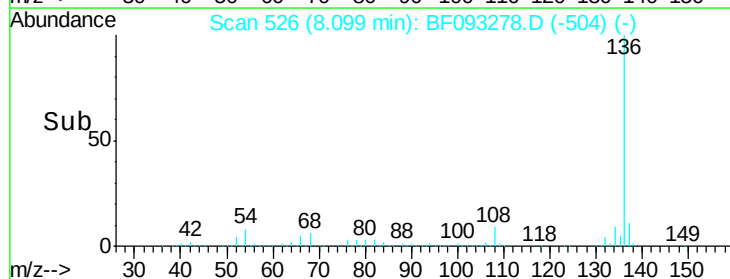
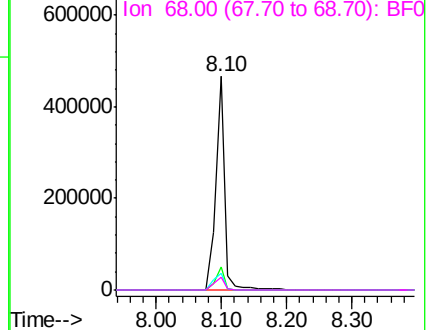


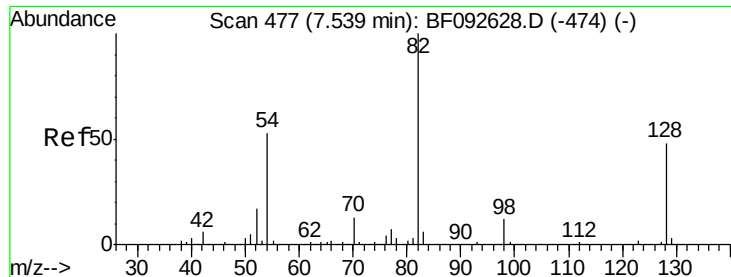
Abundance Ion 136.00 (135.70 to 136.70): E

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

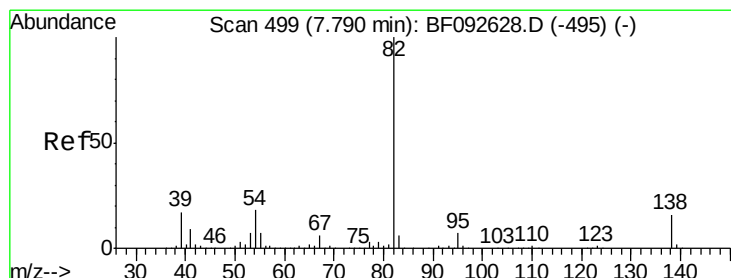
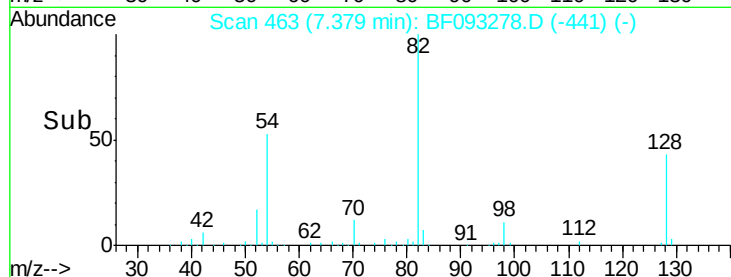
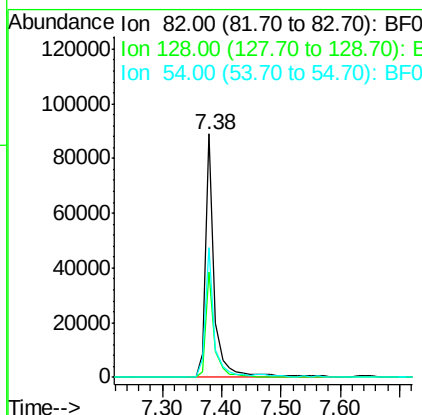
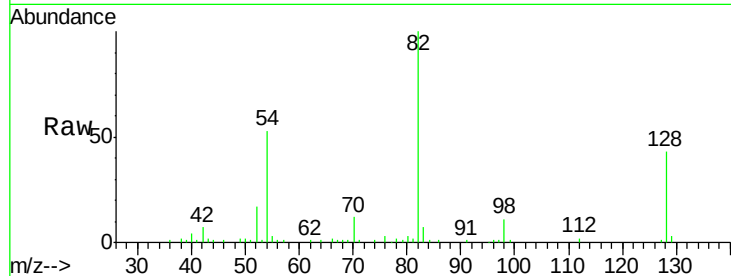




#23
 Nitrobenzene-d5
 Concen: 11.86 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.05 min
 Lab File: BF093278.D
 Acq: 1 Mar 2017 7:21

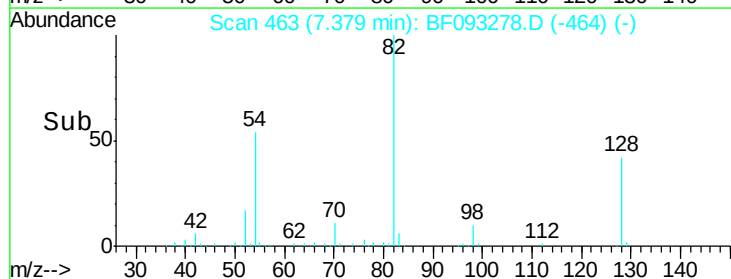
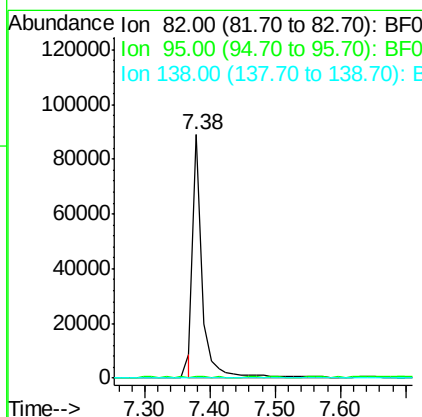
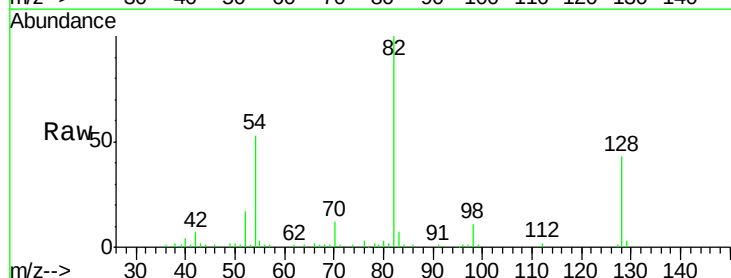
Instrument :
 BNA_F
 ClientSampled :

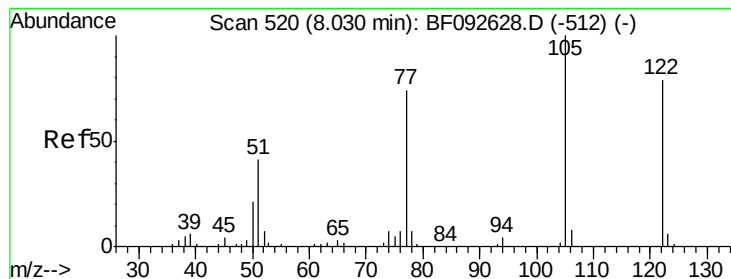
Tot Ion: 82 Resp: 96496
 Ion Ratio Lower Upper
 82 100
 128 43.2 34.6 52.0
 54 53.4 39.5 59.3



#25
 Isophorone
 Concen: 5.67 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.31 min
 Lab File: BF093278.D
 Acq: 1 Mar 2017 7:21

Tgt Ion: 82 Resp: 85964
 Ion Ratio Lower Upper
 82 100
 95 0.5 5.6 8.4#
 138 0.0 14.6 22.0#





#32

Benzoic acid

Concen: 7.21 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF093278.D

Acq: 1 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

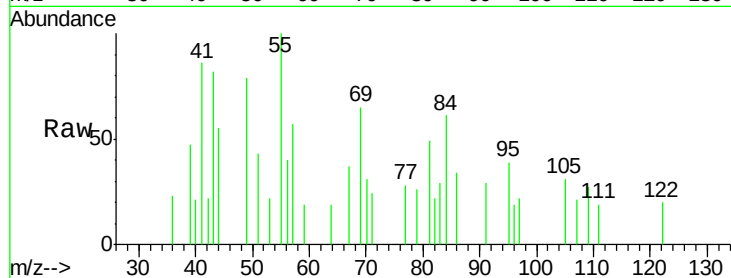
Tot Ion:122 Resp: 227

Ion Ratio Lower Upper

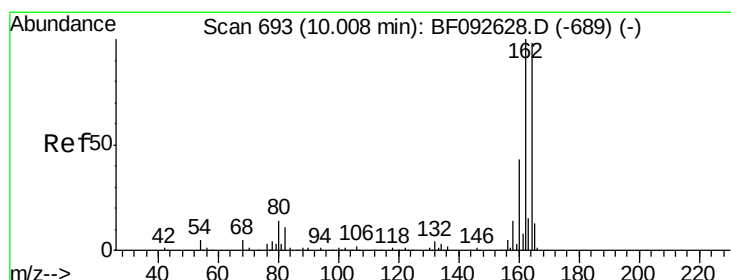
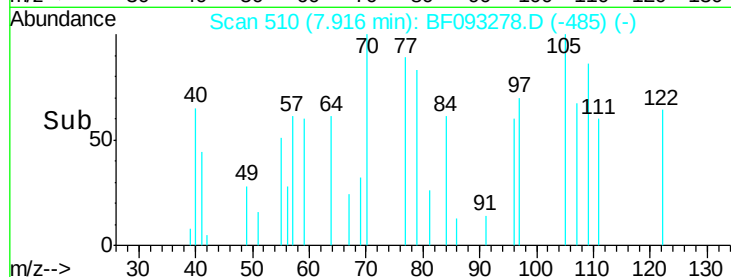
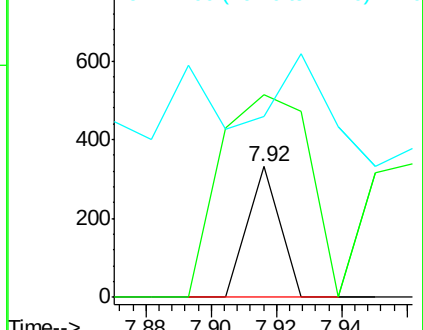
122 100

105 155.0 107.2 147.2#

77 138.4 74.5 114.5#



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: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF093278.D

Acq: 1 Mar 2017 7:21

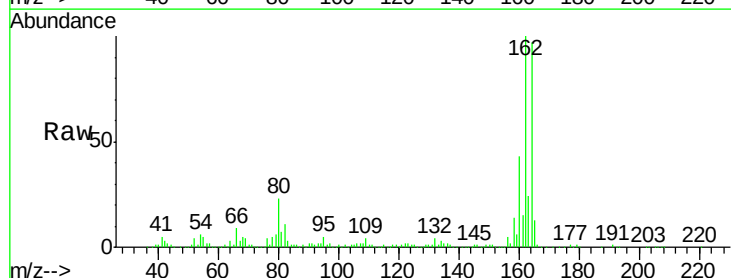
Tgt Ion:164 Resp: 187308

Ion Ratio Lower Upper

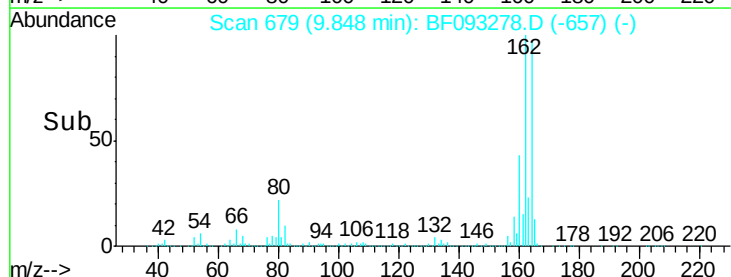
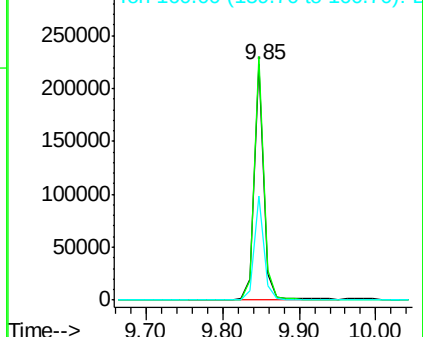
164 100

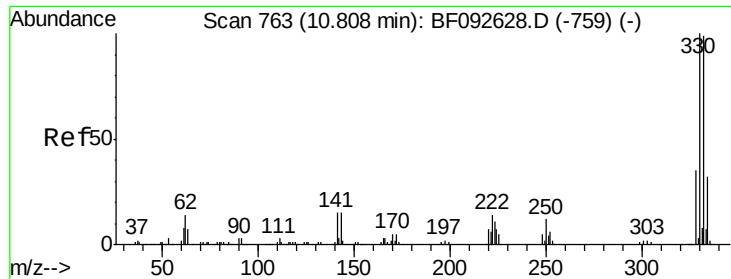
162 103.5 80.2 120.2

160 44.2 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

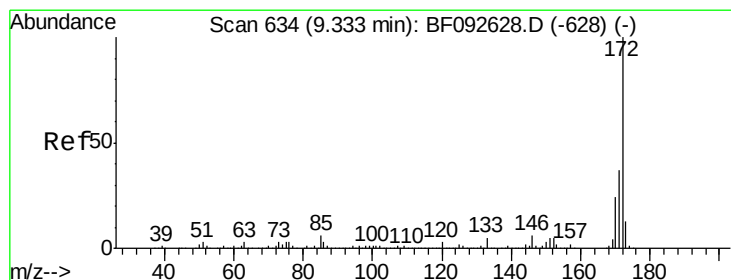
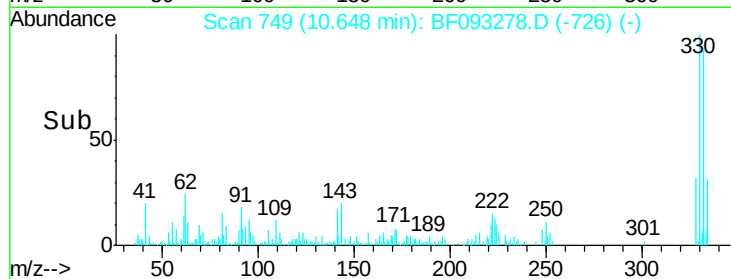
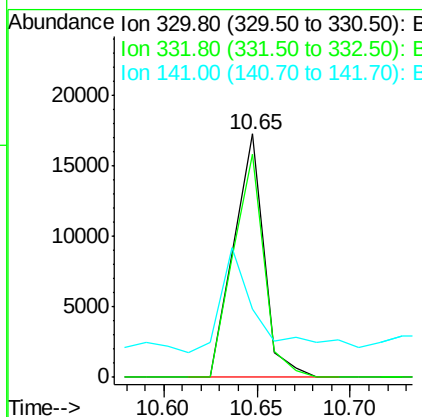
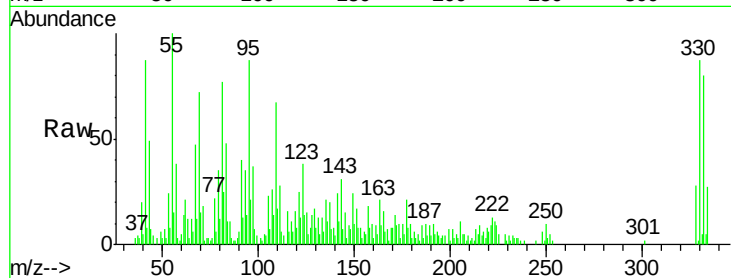




#41
 2,4,6-Tribromophenol
 Concen: 14.35 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093278.D
 Acq: 1 Mar 2017 7:21

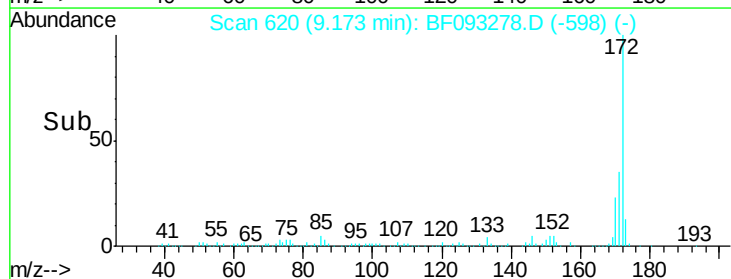
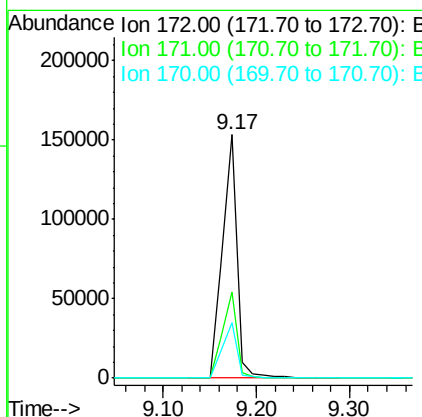
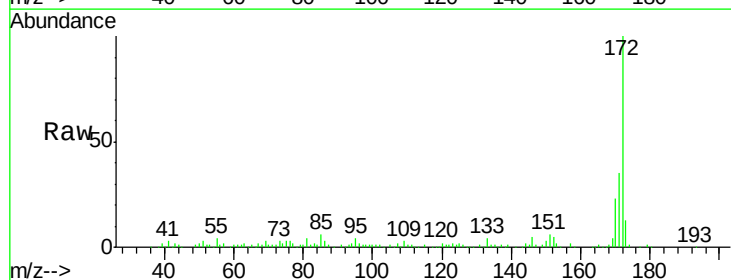
Instrument :
 BNA_F
 ClientSampleId :

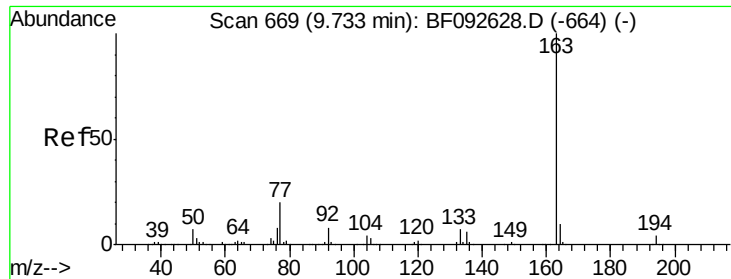
Tot Ion:330 Resp: 19437
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.4 116.2
 141 54.2 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 15.95 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093278.D
 Acq: 1 Mar 2017 7:21

Tgt Ion:172 Resp: 164903
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.4 44.0
 170 22.8 20.2 30.4

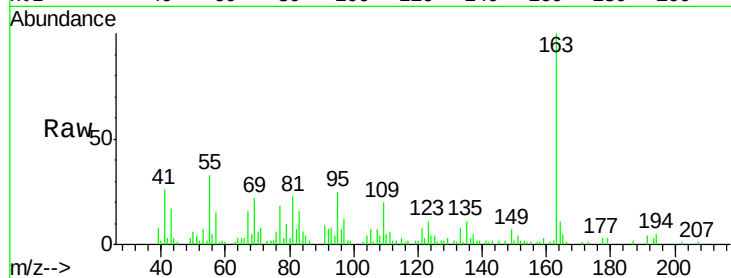




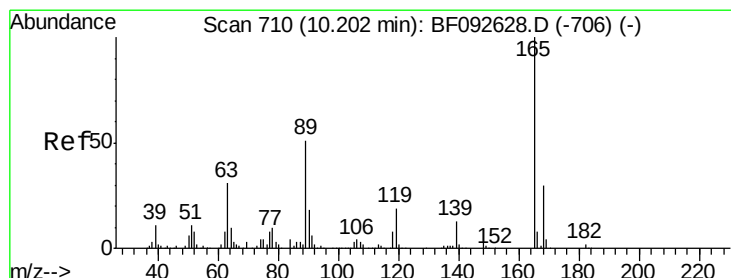
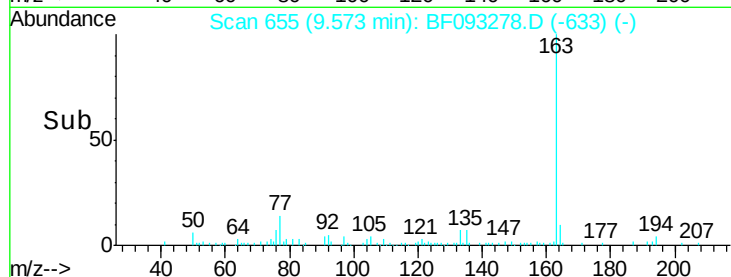
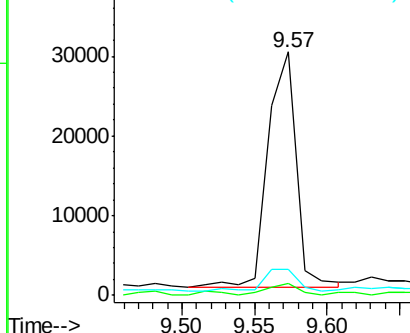
#49
Dimethylphthalate
Concen: 3.15 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 39782
Ion Ratio Lower Upper
163 100
194 5.1 3.0 4.4#
164 10.6 8.0 12.0

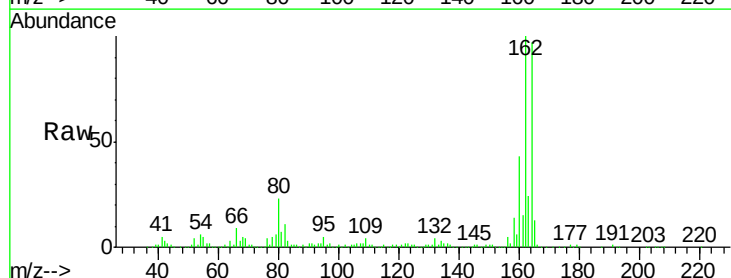


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

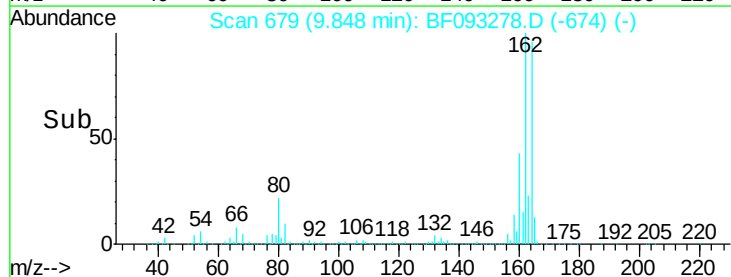
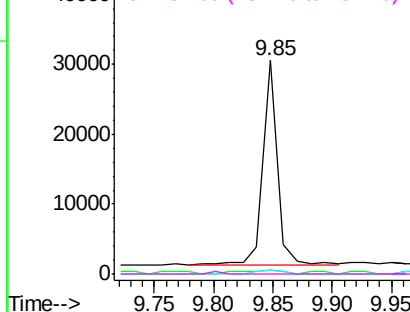


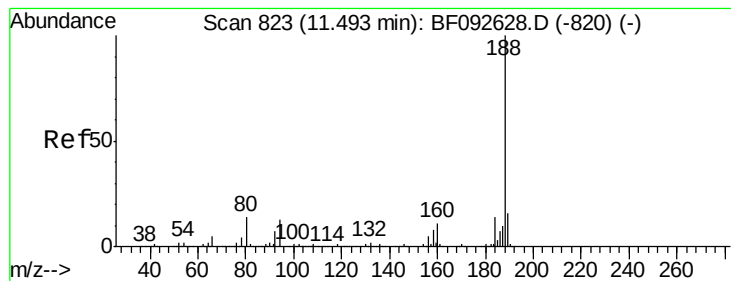
#56
2,4-Dinitrotoluene
Concen: 6.87 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.24 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Tgt Ion:165 Resp: 24919
Ion Ratio Lower Upper
165 100
63 1.8 40.2 60.4#
89 1.9 62.5 93.7#
182 0.0 1.8 2.8#



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: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF093278.D

Acq: 1 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

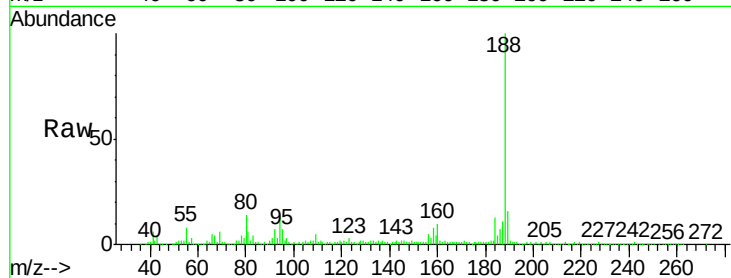
Tot Ion:188 Resp: 298320

Ion Ratio Lower Upper

188 100

94 12.9 10.0 15.0

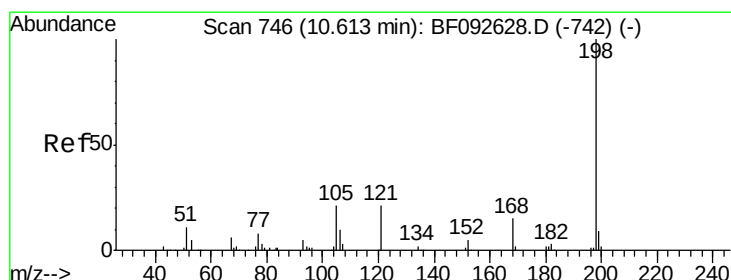
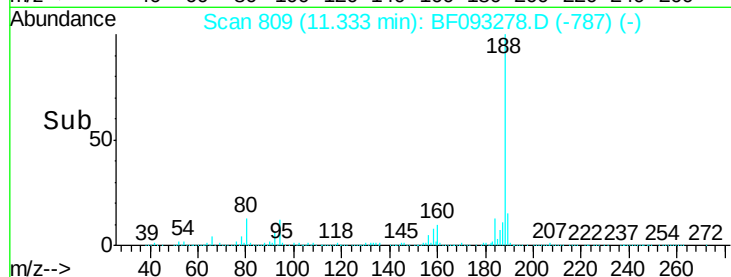
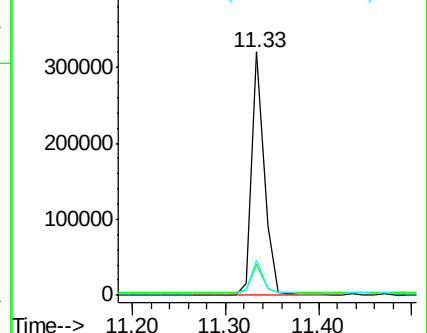
80 14.1 11.2 16.8



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: 2.91 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF093278.D

Acq: 1 Mar 2017 7:21

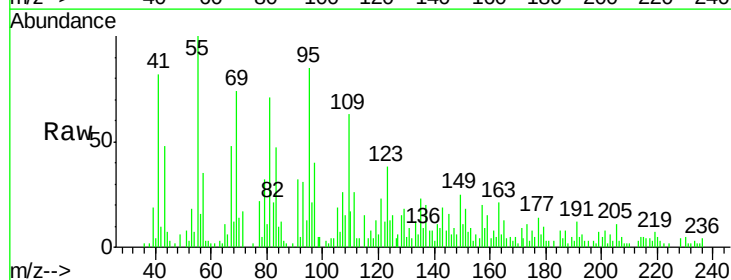
Tgt Ion:198 Resp: 468

Ion Ratio Lower Upper

198 100

51 379.7 6.7 46.7#

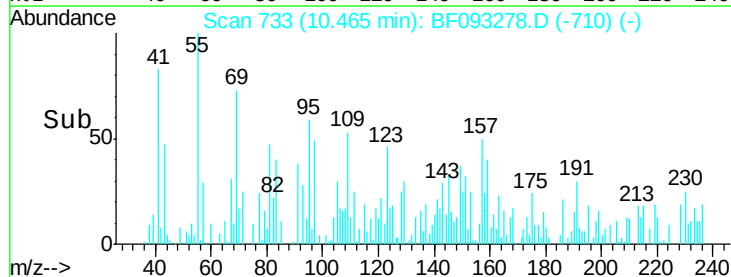
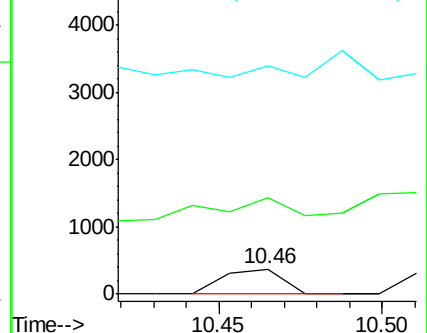
105 906.1 16.6 56.6#

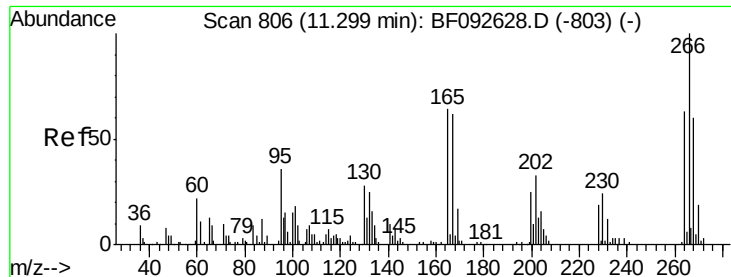


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

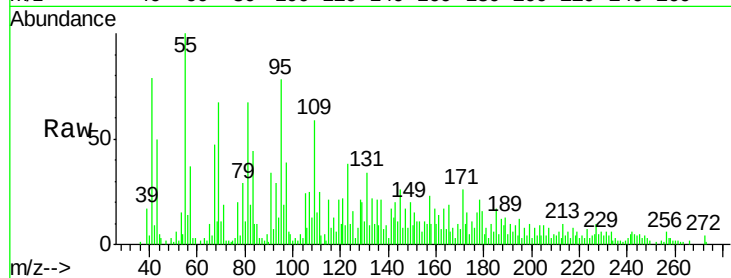




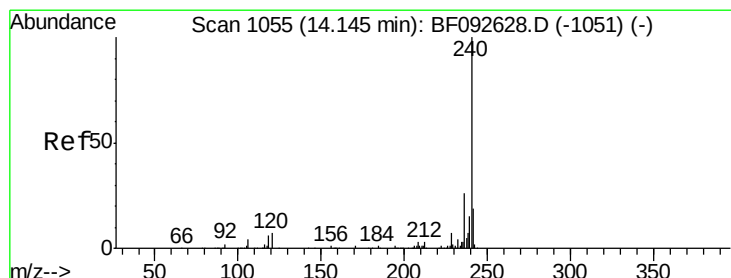
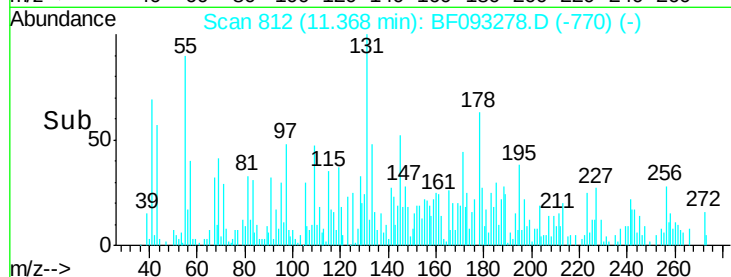
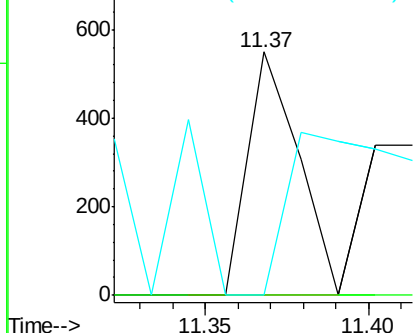
#69
 Pentachlorophenol
 Concen: 7.54 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.18 min
 Lab File: BF093278.D
 Acq: 1 Mar 2017 7:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 588
 Ion Ratio Lower Upper
 266 100
 268 0.0 53.3 79.9#
 264 0.0 50.3 75.5#

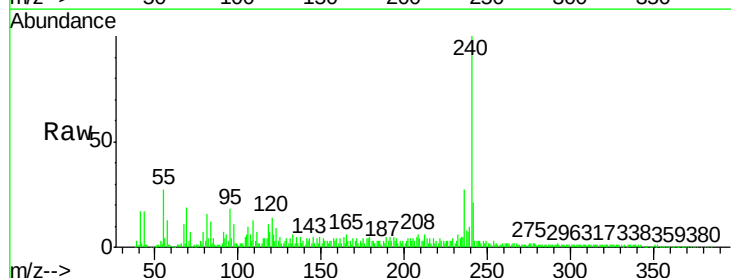


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

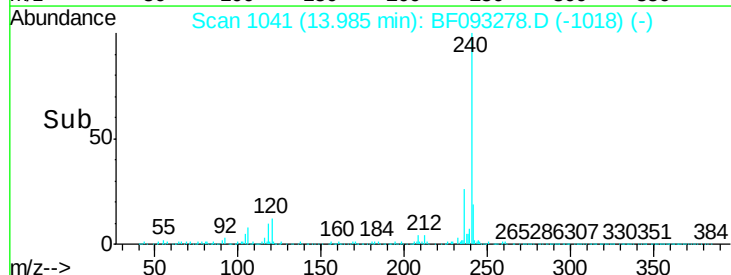
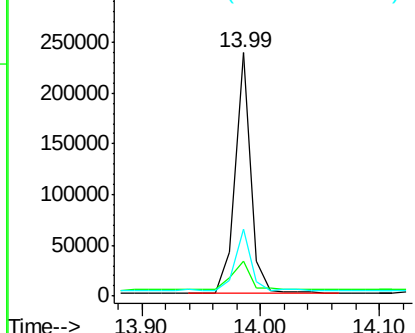


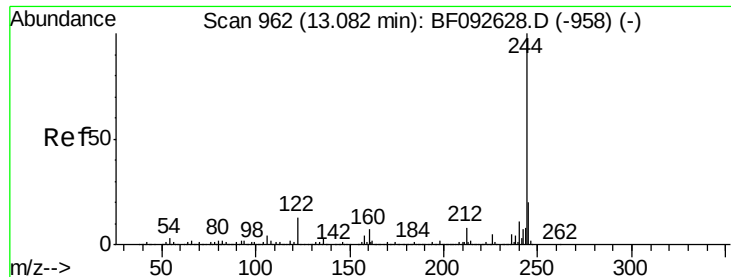
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF093278.D
 Acq: 1 Mar 2017 7:21

Tgt Ion:240 Resp: 215696
 Ion Ratio Lower Upper
 240 100
 120 14.1 12.9 19.3
 236 27.4 20.9 31.3



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: 14.30 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF093278.D

Acq: 1 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

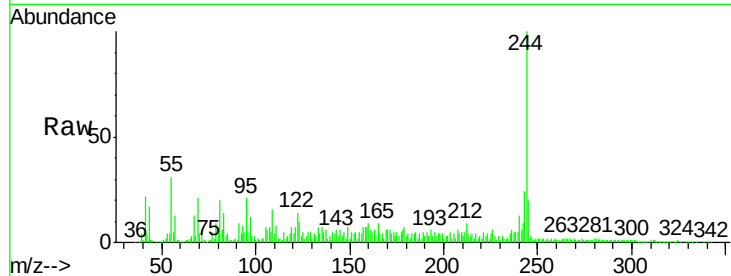
Tot Ion:244 Resp: 131296

Ion Ratio Lower Upper

244 100

212 9.1 6.2 9.2

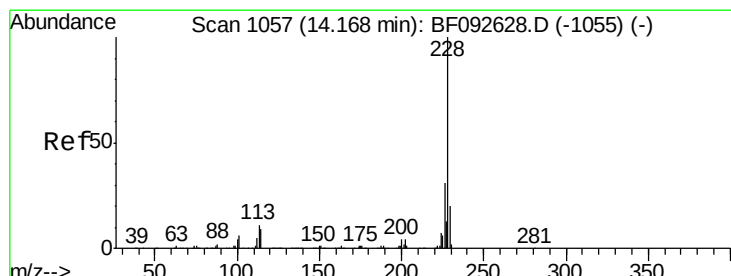
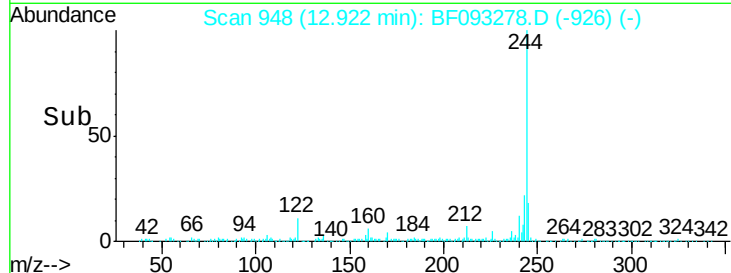
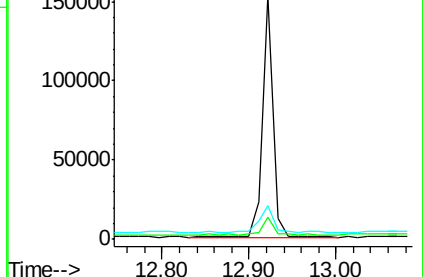
122 14.0 11.4 17.2



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



#82

Chrysene

Concen: 2.21 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.05 min

Lab File: BF093278.D

Acq: 1 Mar 2017 7:21

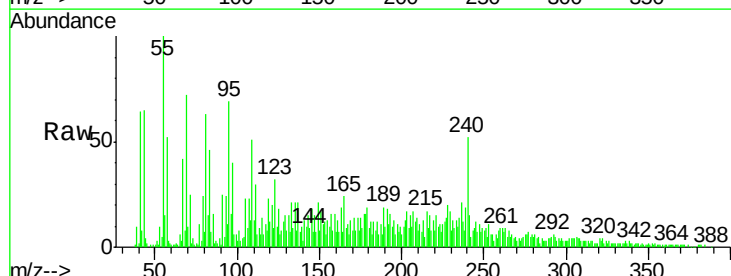
Tgt Ion:228 Resp: 27260

Ion Ratio Lower Upper

228 100

226 61.3 25.4 38.0#

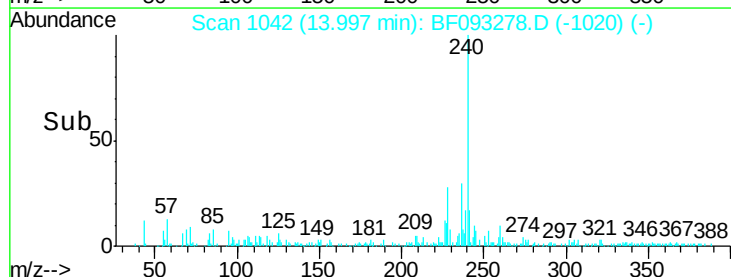
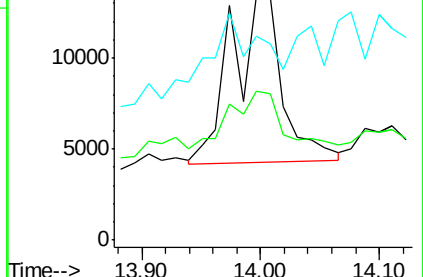
229 83.6 16.2 24.2#

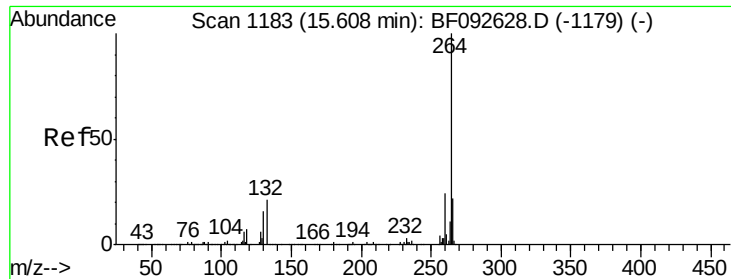


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

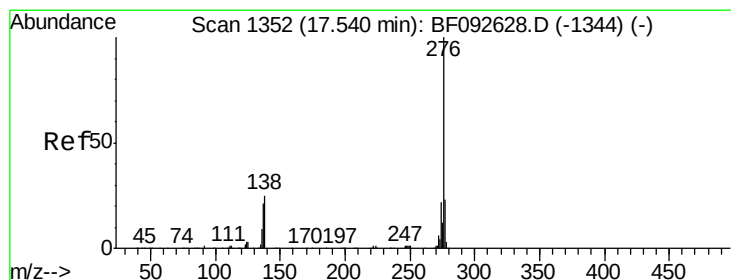
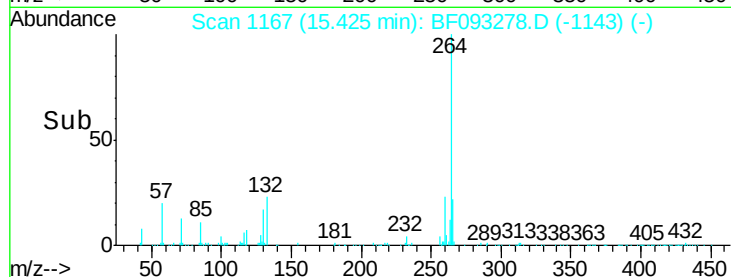
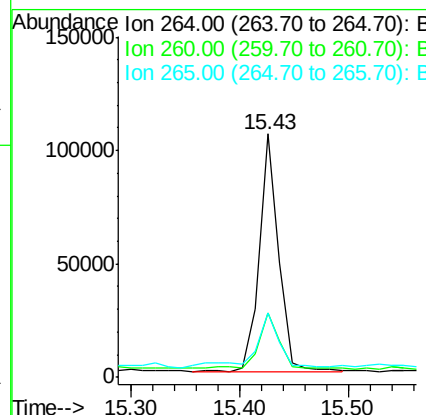
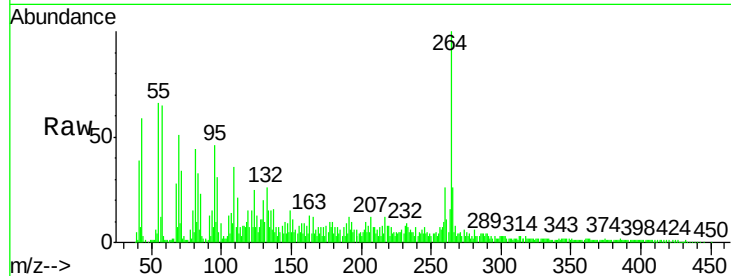




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 130491
Ion Ratio Lower Upper
264 100
260 26.2 19.2 28.8
265 26.5 17.4 26.0#



#91
Benzo(g,h,i)perylene
Concen: 2.37 ng
RT: 17.27 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Tgt Ion:276 Resp: 14364
Ion Ratio Lower Upper
276 100
277 47.3 19.2 28.8#
138 67.3 16.0 24.0#

