

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091517\
 Data File : BF098581.D
 Acq On : 15 Sep 2017 21:01
 Operator : SJ/JU
 Sample : I5229-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S19

Quant Time: Sep 16 01:51:12 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

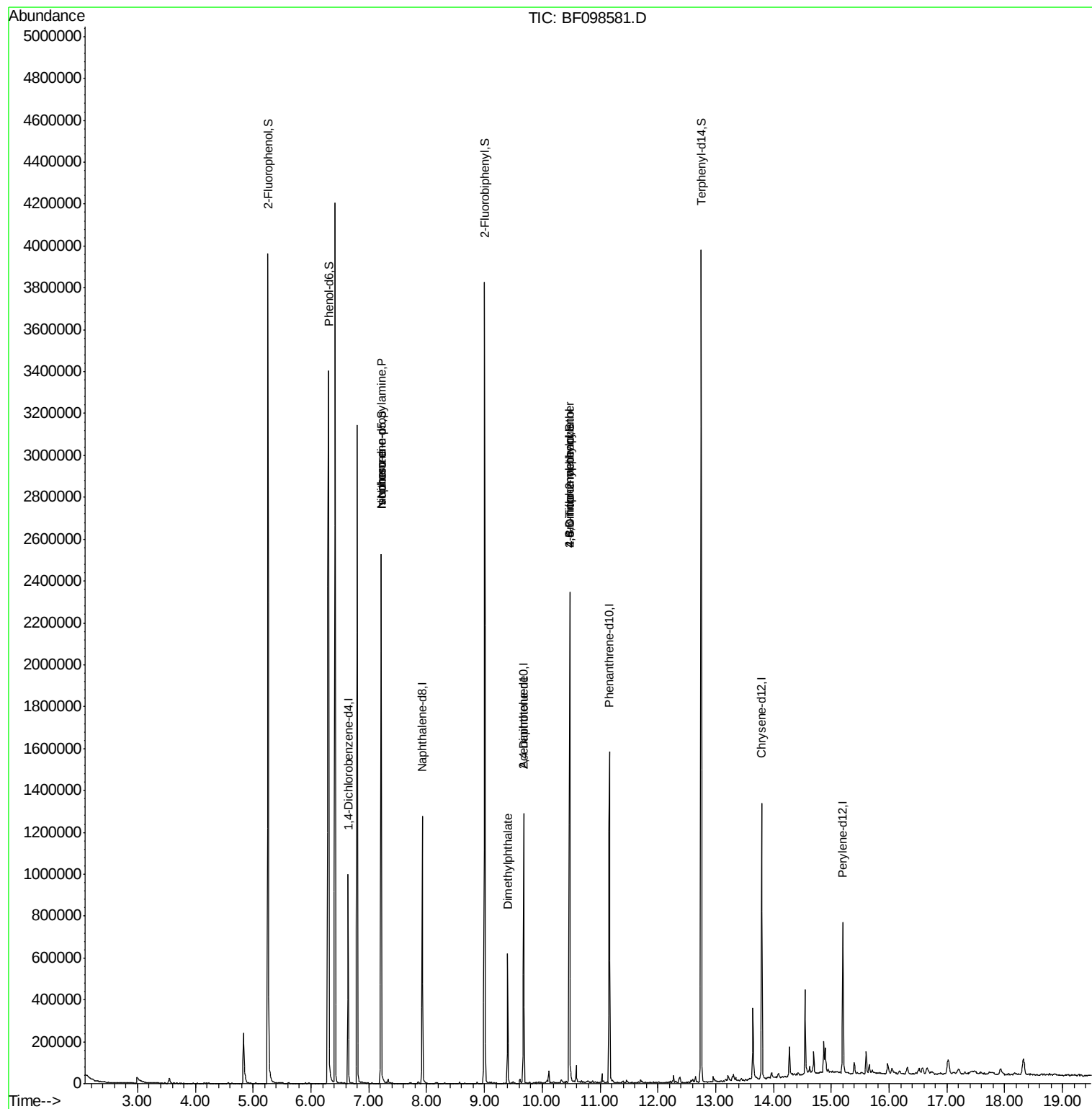
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	140313	20.00	ng	-0.03
21) Naphthalene-d8	7.93	136	588112	20.00	ng	-0.02
38) Acenaphthene-d10	9.67	164	274585	20.00	ng	-0.03
63) Phenanthrene-d10	11.16	188	528035	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	419338	20.00	ng	-0.02
86) Perylene-d12	15.20	264	296648	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1133025	119.39	ng	-0.02
7) Phenol-d6	6.30	99	1423962	118.18	ng	-0.02
23) Nitrobenzene-d5	7.22	82	865411	82.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	279160	152.33	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1231829	76.04	ng	-0.03
78) Terphenyl-d14	12.75	244	1232333	63.43	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	113414	14.964	ng	# 79
25) Isophorone	7.22	82	853212	39.975	ng	# 67
49) Dimethylphthalate	9.40	163	241143	11.345	ng	# 99
56) 2,4-Dinitrotoluene	9.67	165	34108	6.426	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.47	198	697	5.157	ng	# 1
66) 4-Bromophenyl-phenylether	10.47	248	21005	4.191	ng	# 1

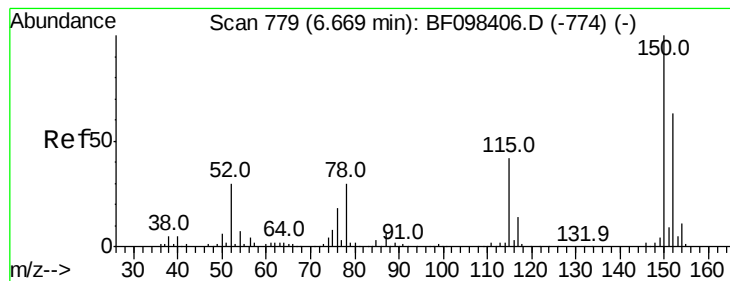
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091517\
Data File : BF098581.D
Acq On : 15 Sep 2017 21:01
Operator : SJ/JU
Sample : I5229-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UT5400S19

Quant Time: Sep 16 01:51:12 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



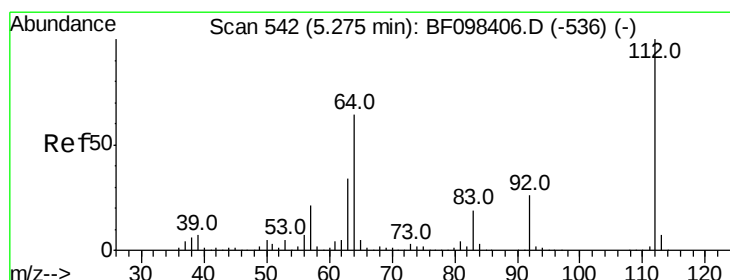
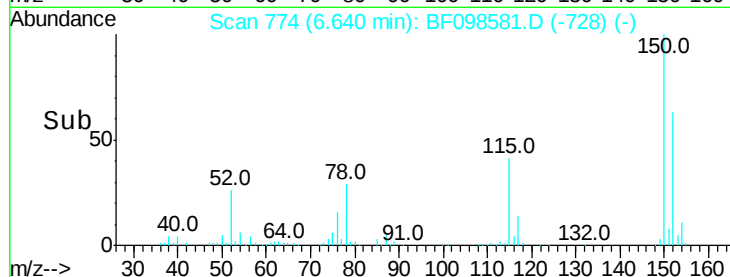
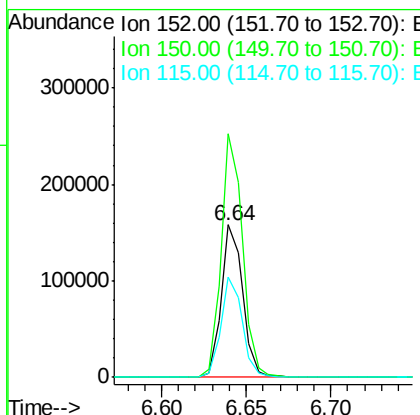
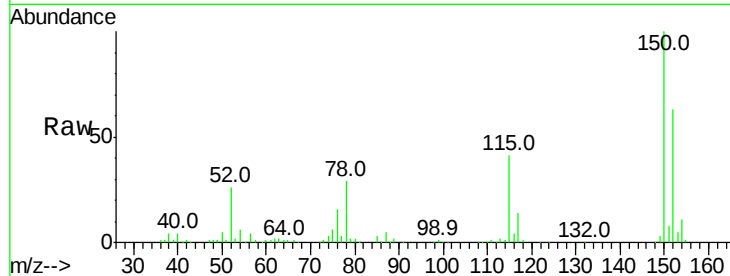


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.64 min Scan# 774
 Delta R.T. -0.03 min
 Lab File: BF098581.D
 Acq: 15 Sep 2017 21:01

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S19

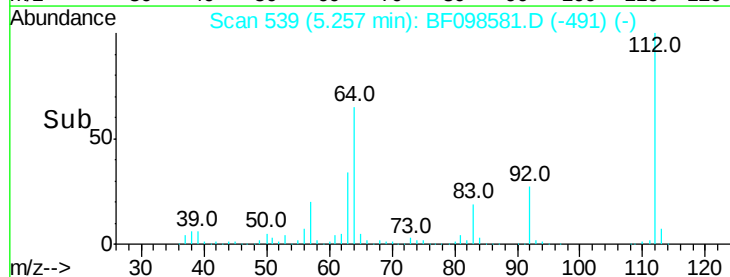
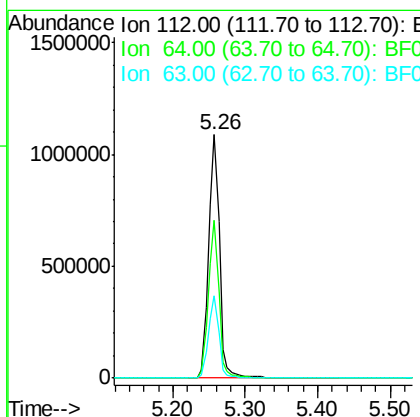
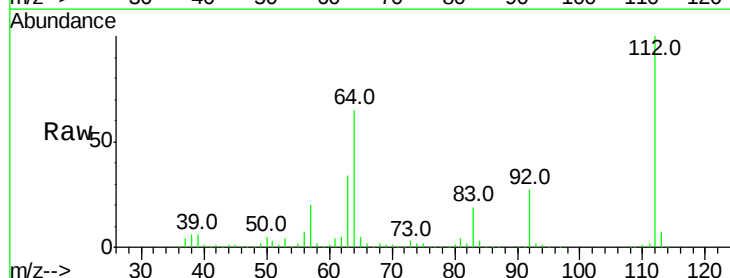
Tot Ion:152 Resp: 140313
 Ion Ratio Lower Upper
 152 100
 150 159.9 126.2 189.2
 115 66.0 52.2 78.2



#5

2-Fluorophenol
 Concen: 119.391 ng
 RT: 5.26 min Scan# 539
 Delta R.T. -0.02 min
 Lab File: BF098581.D
 Acq: 15 Sep 2017 21:01

Tgt Ion:112 Resp: 1133025
 Ion Ratio Lower Upper
 112 100
 64 64.9 46.0 69.0
 63 33.7 23.4 35.0





#7

Phenol-d6

Concen: 118.179 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098581.D

Acq: 15 Sep 2017 21:01

Instrument :

BNA_F

ClientSampleId :

UT5400S19

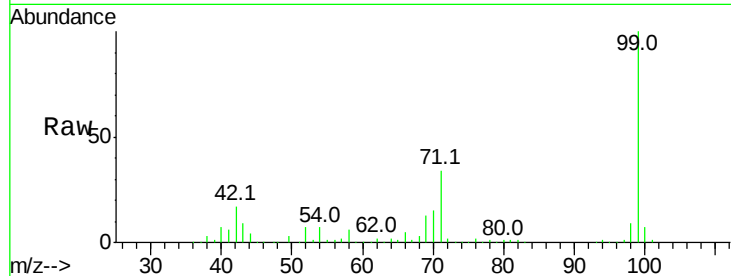
Tot Ion: 99 Resp: 1423962

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

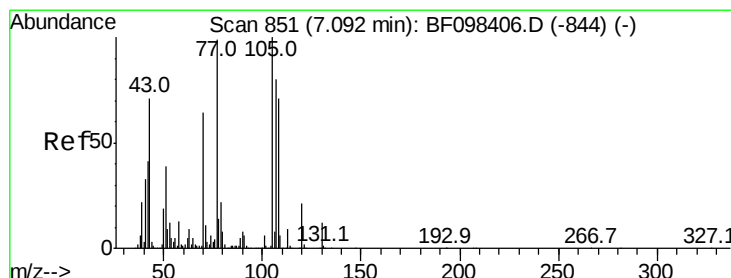
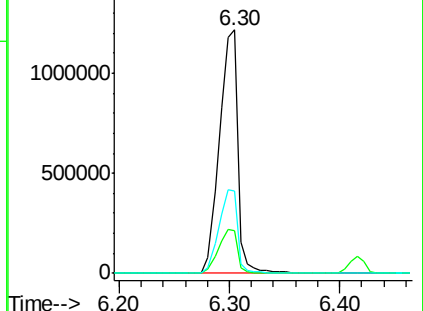
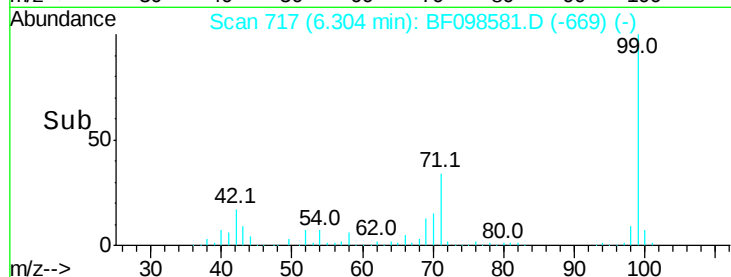
71 33.9 24.5 36.7



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: 14.964 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.12 min

Lab File: BF098581.D

Acq: 15 Sep 2017 21:01

Tgt Ion: 70 Resp: 113414

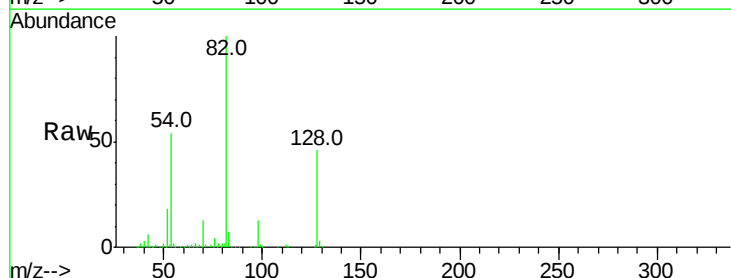
Ion Ratio Lower Upper

70 100

42 48.0 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

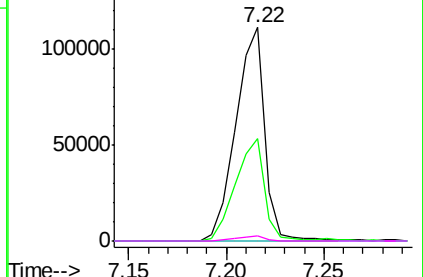
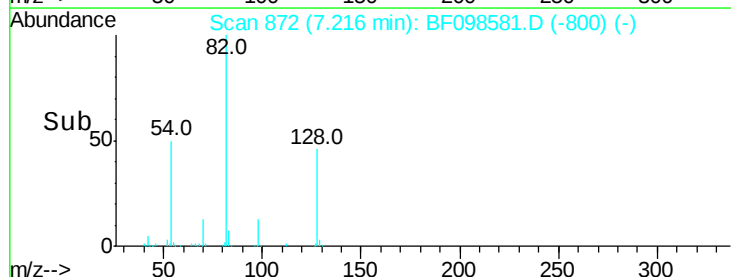


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

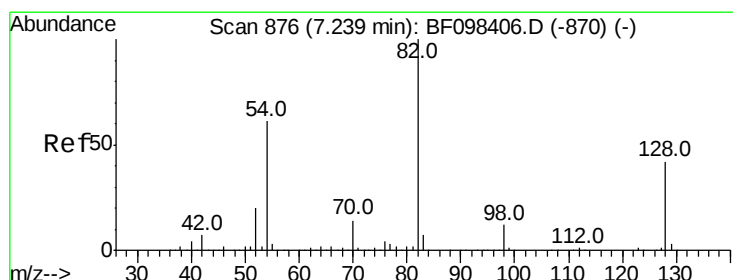
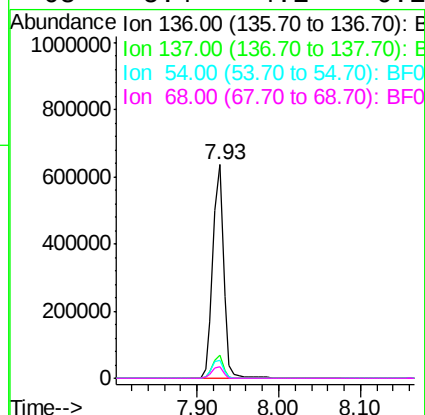
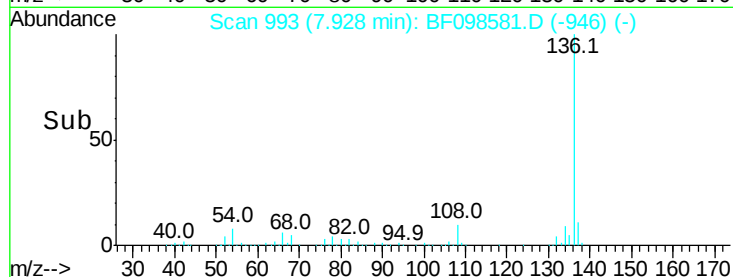
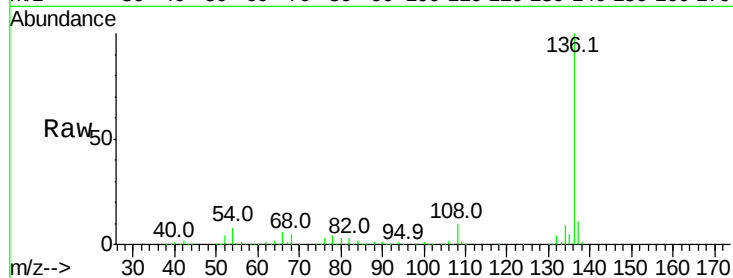




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

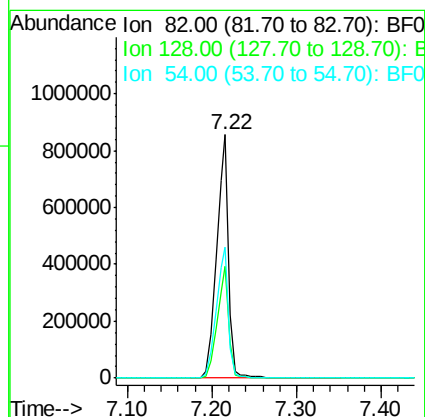
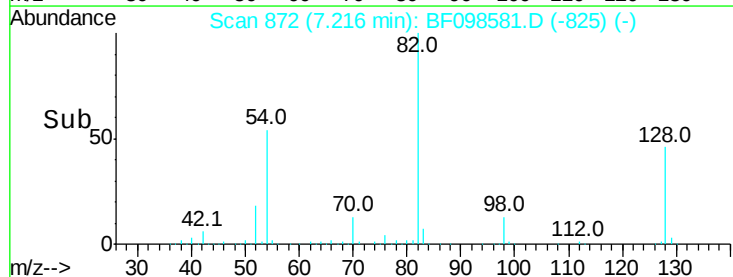
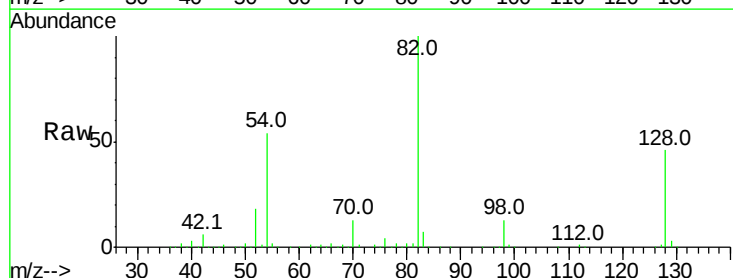
Instrument :
BNA_F
ClientSampleId :
UT5400S19

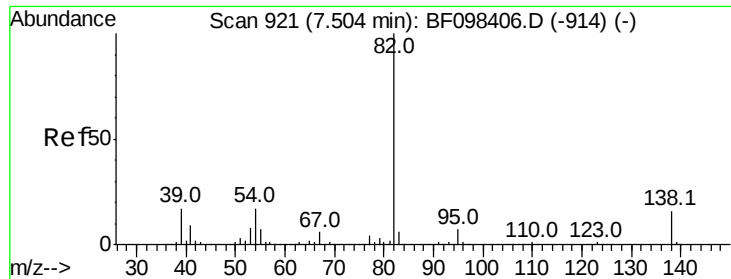
Tot Ion:	136	Resp:	588112
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	8.4	4.9	7.3#
68	5.4	4.1	6.1



#23
Nitrobenzene-d5
Concen: 82.036 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Tgt Ion:	82	Resp:	865411
Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	53.6	42.2	63.2

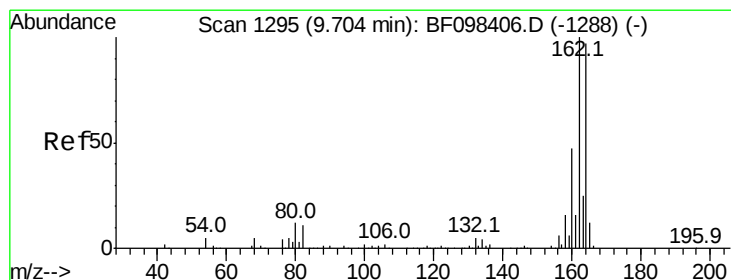
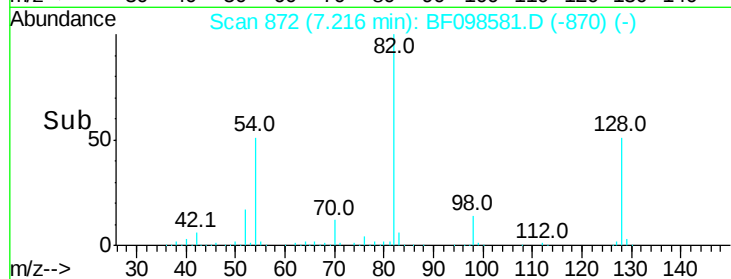
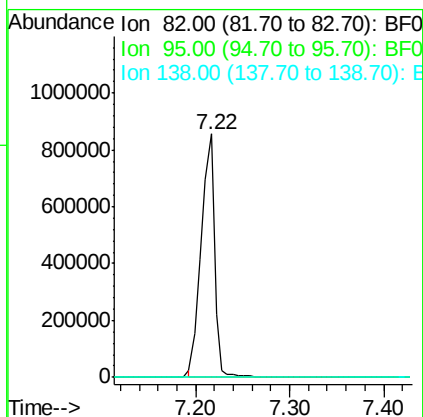
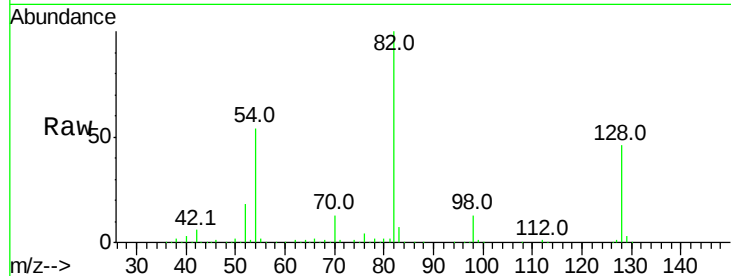




#25
Isophorone
Concen: 39.975 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.29 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

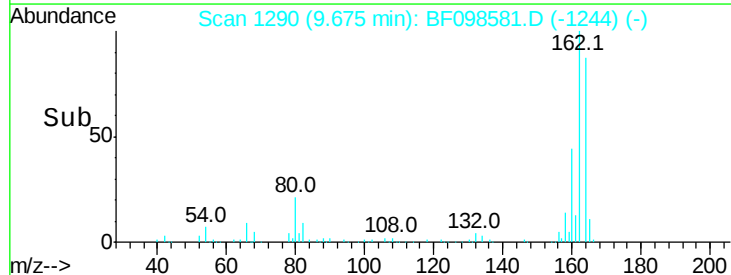
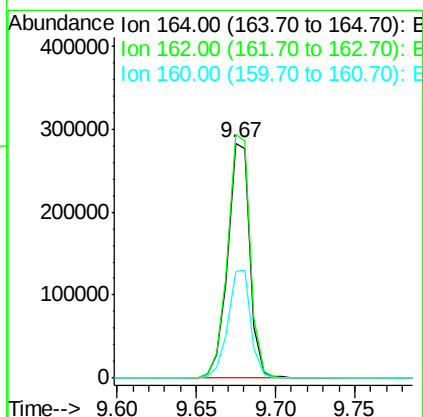
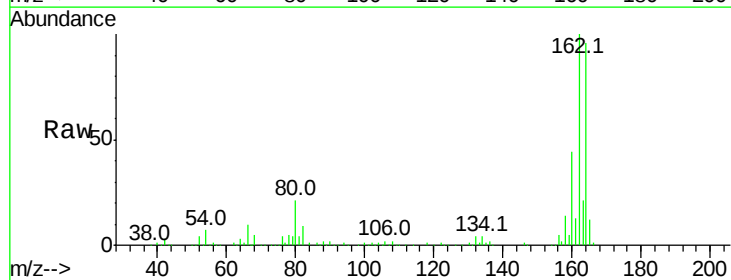
Instrument :
BNA_F
ClientSampled :
UT5400S19

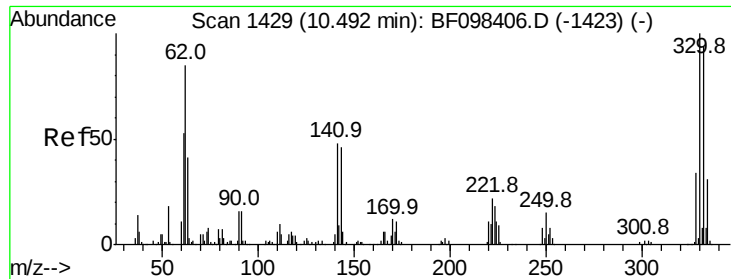
Tot Ion: 82 Resp: 853212
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Tgt Ion:164 Resp: 274585
Ion Ratio Lower Upper
164 100
162 103.7 82.6 123.8
160 45.6 36.2 54.2

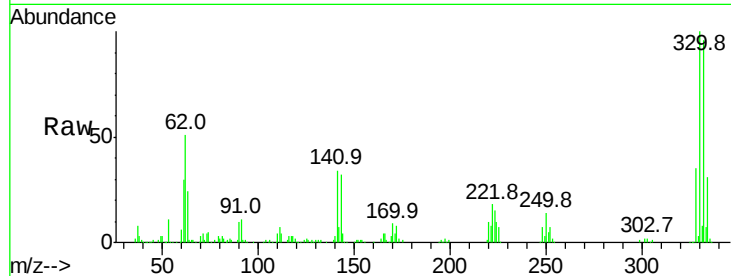




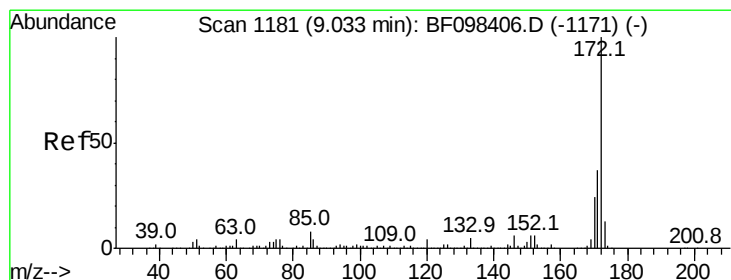
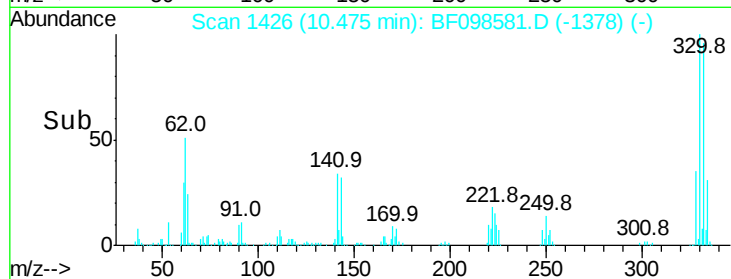
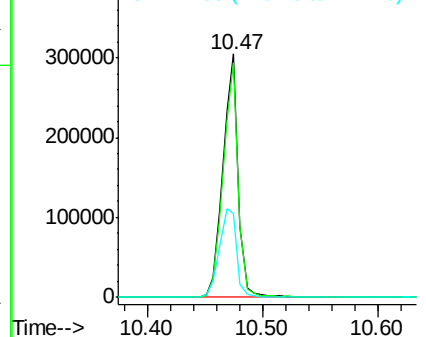
#41
 2,4,6-Tribromophenol
 Concen: 152.327 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098581.D
 Acq: 15 Sep 2017 21:01

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S19

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	41.2	31.4	47.2

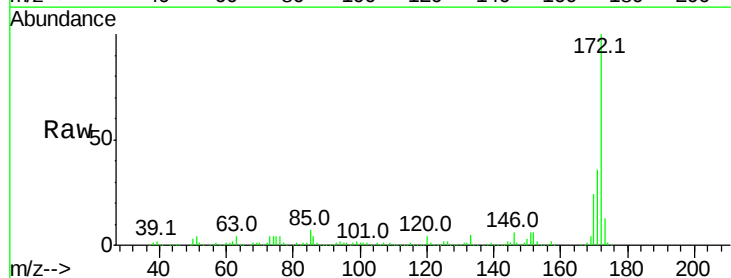


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

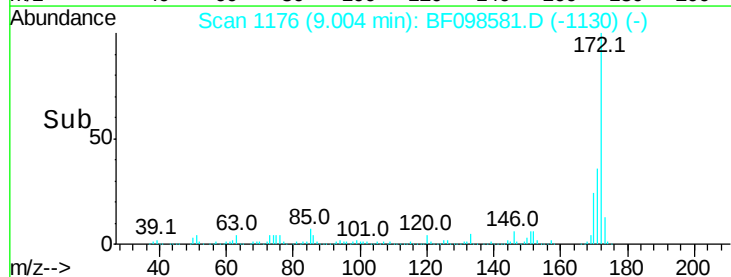
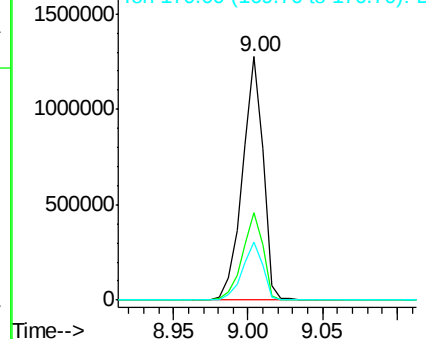


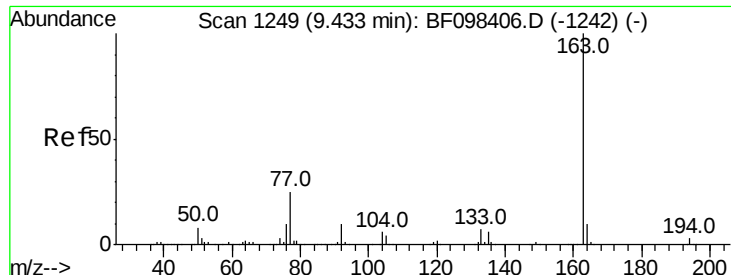
#44
 2-Fluorobiphenyl
 Concen: 76.037 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.03 min
 Lab File: BF098581.D
 Acq: 15 Sep 2017 21:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.6	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: 11.345 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BF098581.D

Acq: 15 Sep 2017 21:01

Instrument :

BNA_F

ClientSampleId :

UT5400S19

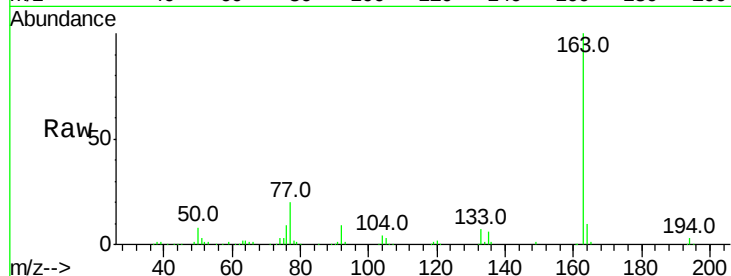
Tot Ion:163 Resp: 241143

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

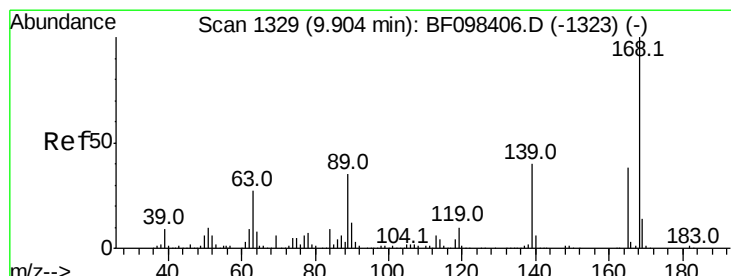
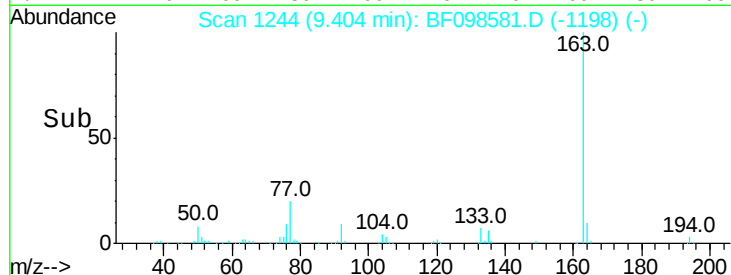
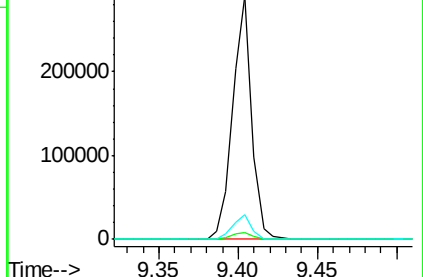
164 10.0 8.4 12.6



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



#56

2,4-Dinitrotoluene

Concen: 6.426 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.23 min

Lab File: BF098581.D

Acq: 15 Sep 2017 21:01

Tgt Ion:165 Resp: 34108

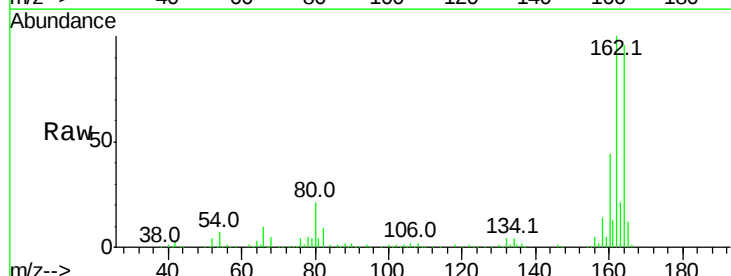
Ion Ratio Lower Upper

165 100

63 1.7 25.4 38.0#

89 1.7 46.4 69.6#

182 0.0 1.8 2.6#

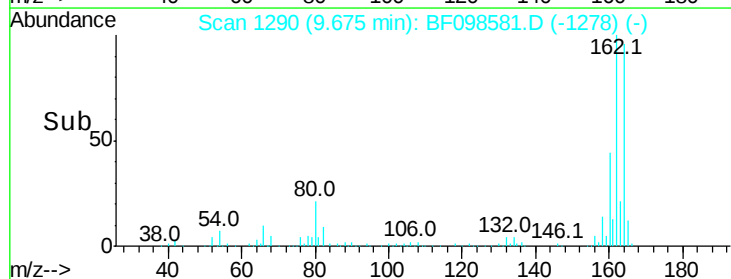
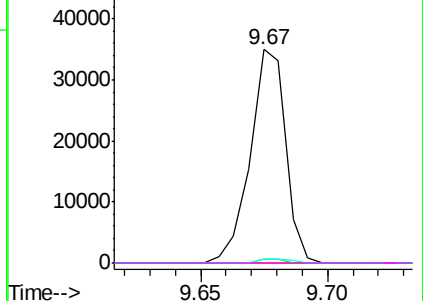


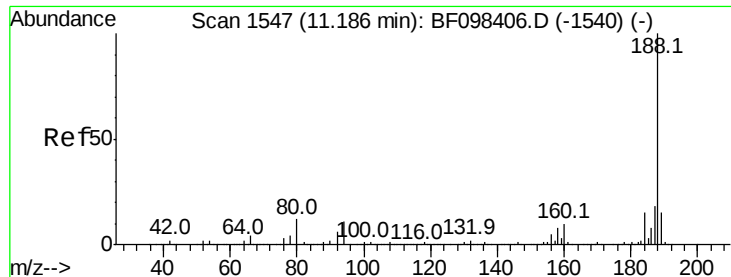
Abundance Ion 165.00 (164.70 to 165.70): E

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

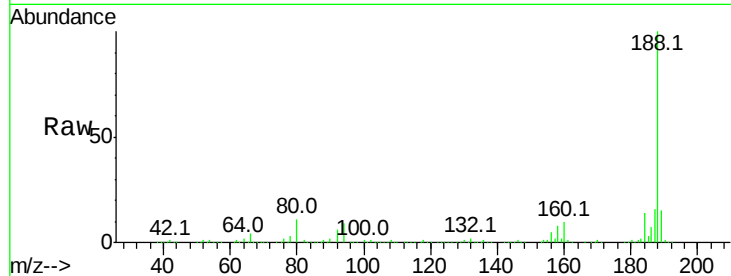




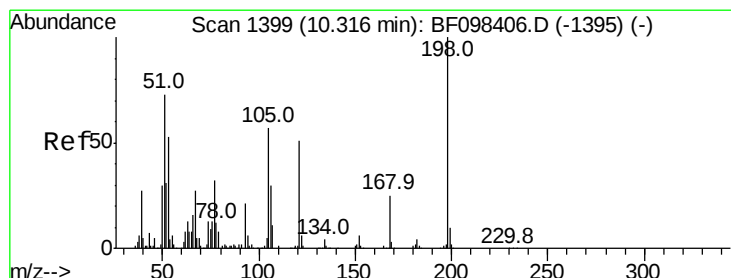
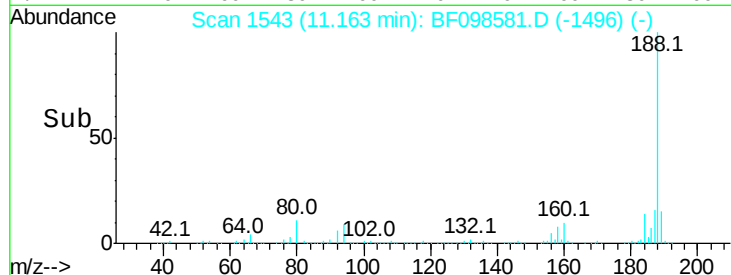
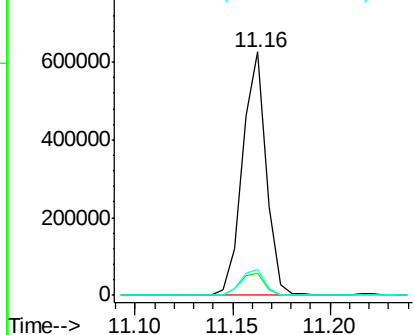
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Instrument :
BNA_F
ClientSampleId :
UT5400S19

Tot Ion:188 Resp: 528035
Ion Ratio Lower Upper
188 100
94 9.2 9.4 14.2#
80 10.5 10.2 15.2

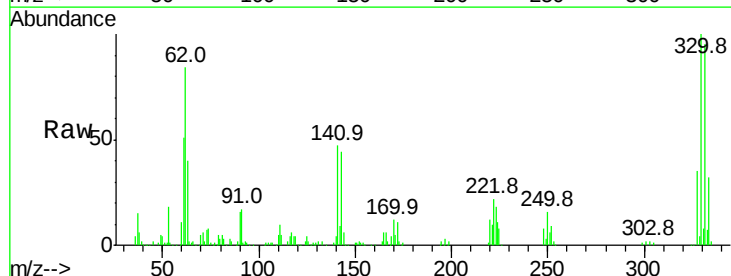


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

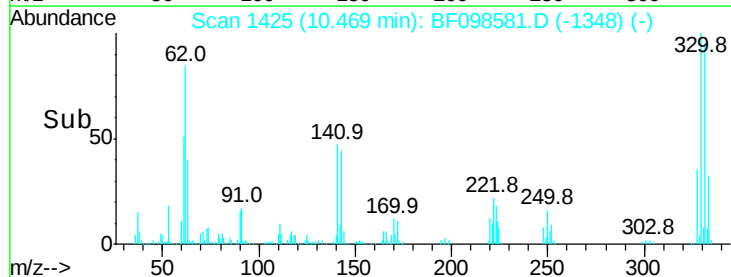
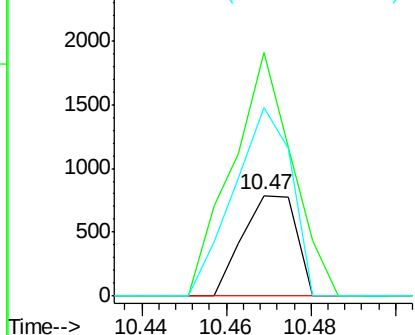


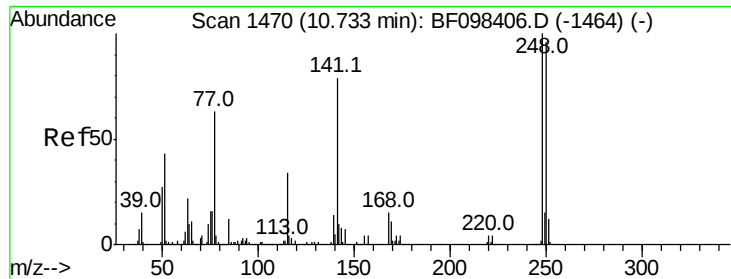
#64
4,6-Dinitro-2-methylphenol
Concen: 5.157 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.15 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Tgt Ion:198 Resp: 697
Ion Ratio Lower Upper
198 100
51 241.6 53.2 93.2#
105 187.6 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

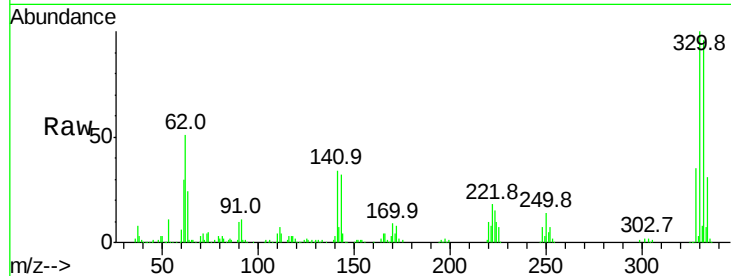




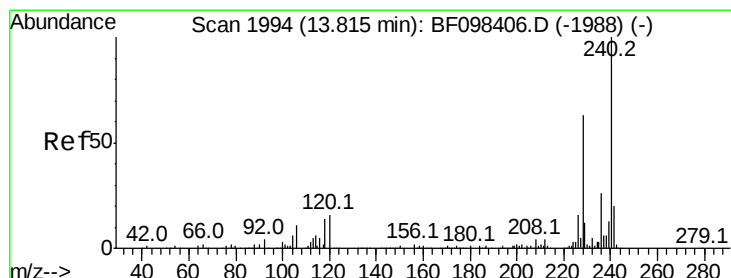
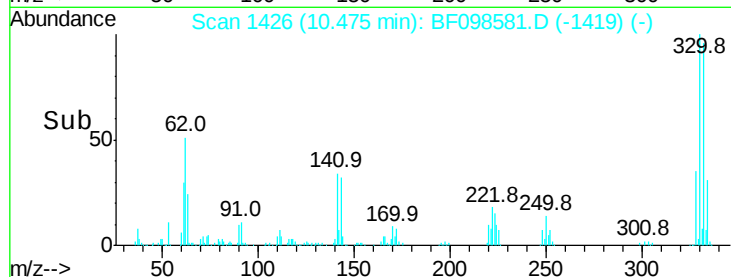
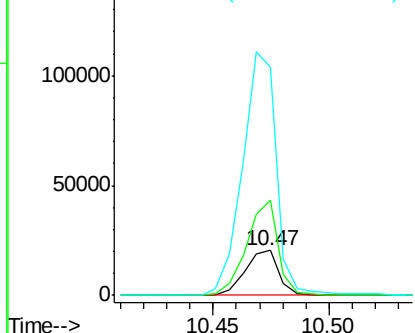
#66
 4-Bromophenyl-phenylether
 Concen: 4.191 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.26 min
 Lab File: BF098581.D
 Acq: 15 Sep 2017 21:01

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S19

Tot Ion:248 Resp: 21005
 Ion Ratio Lower Upper
 248 100
 250 212.1 76.8 115.2#
 141 505.8 68.6 103.0#

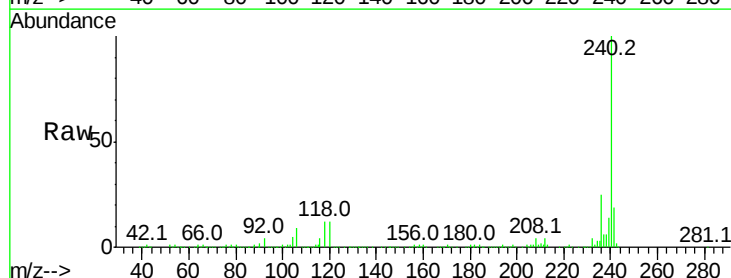


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

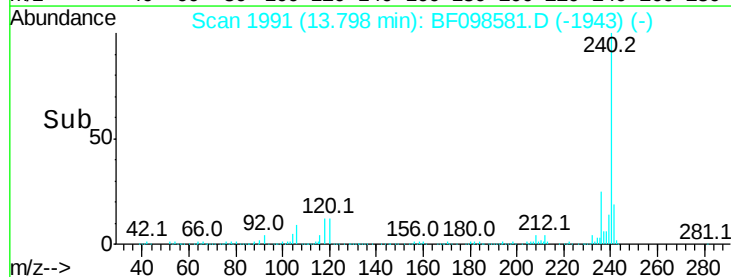
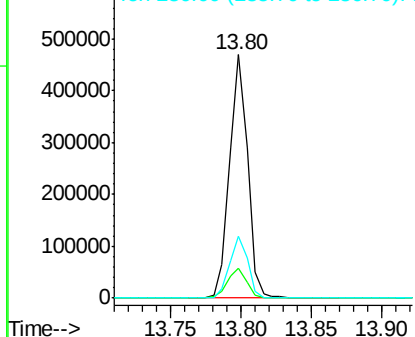


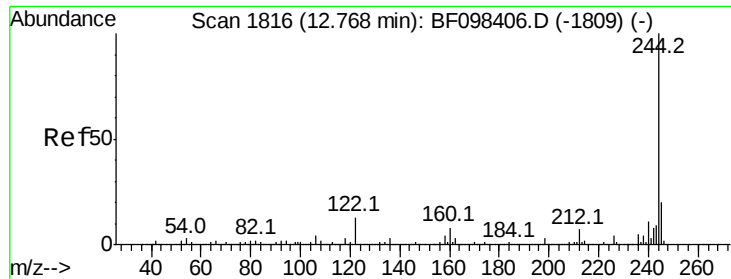
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.02 min
 Lab File: BF098581.D
 Acq: 15 Sep 2017 21:01

Tgt Ion:240 Resp: 419338
 Ion Ratio Lower Upper
 240 100
 120 12.3 5.8 8.8#
 236 25.4 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: 63.432 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF098581.D

Acq: 15 Sep 2017 21:01

Instrument :

BNA_F

ClientSampleId :

UT5400S19

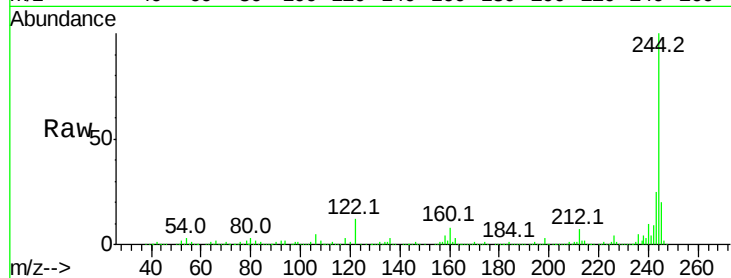
Tot Ion:244 Resp: 1232333

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

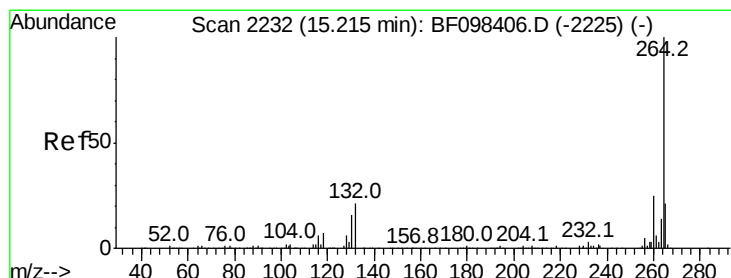
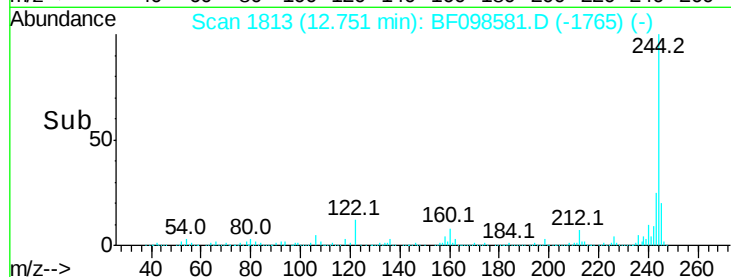
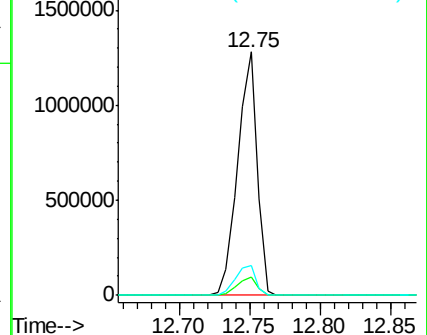
122 12.4 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BF098581.D

Acq: 15 Sep 2017 21:01

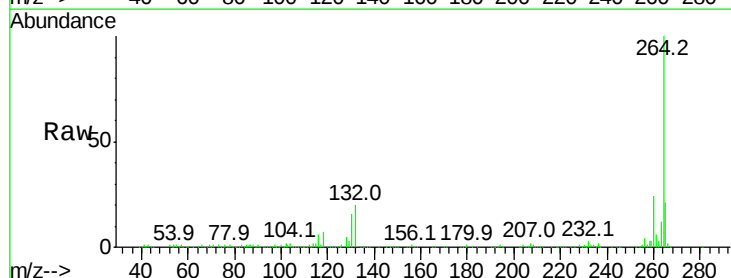
Tgt Ion:264 Resp: 296648

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.1 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

