

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032219\
 Data File : BF113235.D
 Acq On : 22 Mar 2019 15:28
 Operator : JU/SJ
 Sample : K2018-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 22 23:27:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

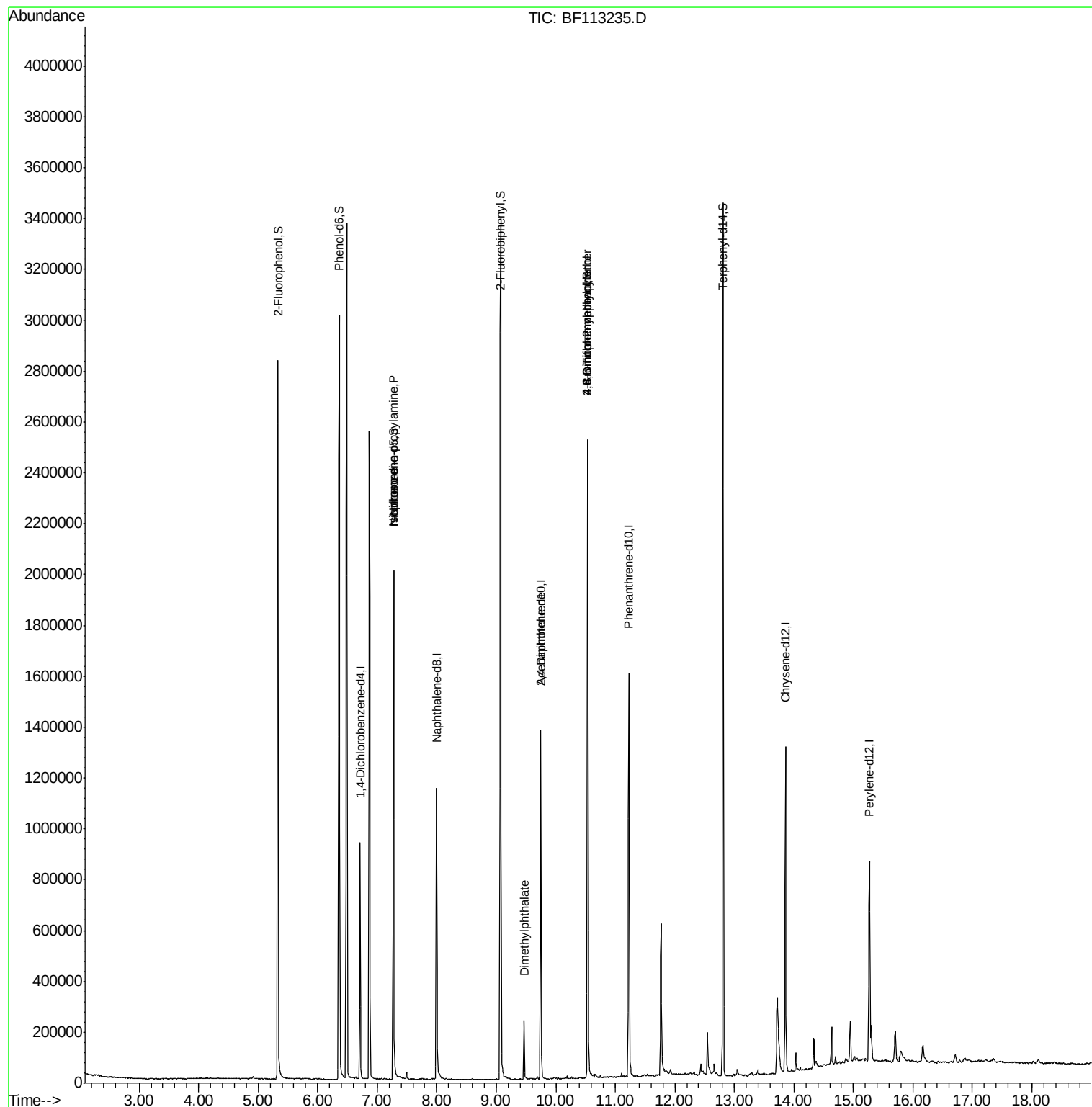
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	153094	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	619341	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	295698	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	620764	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	445898	20.00	ng	-0.01
87) Perylene-d12	15.27	264	367498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	863237	87.71	ng	-0.01
7) Phenol-d6	6.36	99	1113420	90.06	ng	-0.01
23) Nitrobenzene-d5	7.27	82	682684	65.96	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	379349	120.84	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	1159512	60.14	ng	-0.02
79) Terphenyl-d14	12.81	244	1239122	53.87	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	87655	11.195	ng	# 76
25) Isophorone	7.27	82	672568	30.162	ng	# 66
50) Dimethylphthalate	9.47	163	110375	5.062	ng	# 99
57) 2,4-Dinitrotoluene	9.75	165	37616	6.665	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.53	198	534	4.802	ng	# 1
67) 4-Bromophenyl-phenylether	10.53	248	21152	3.235	ng	# 1

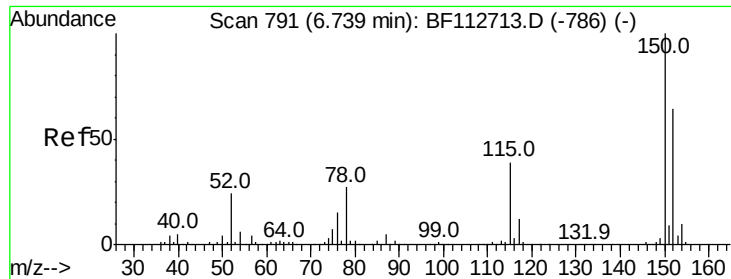
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032219\
Data File : BF113235.D
Acq On : 22 Mar 2019 15:28
Operator : JU/SJ
Sample : K2018-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 22 23:27:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



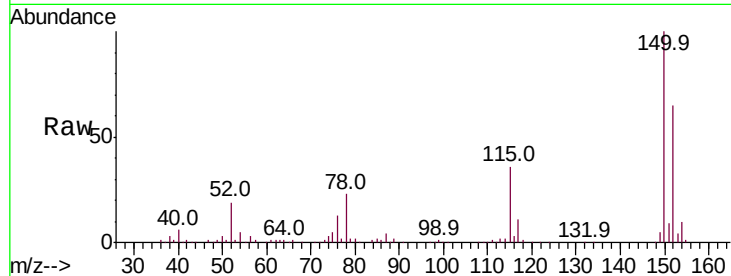


#1

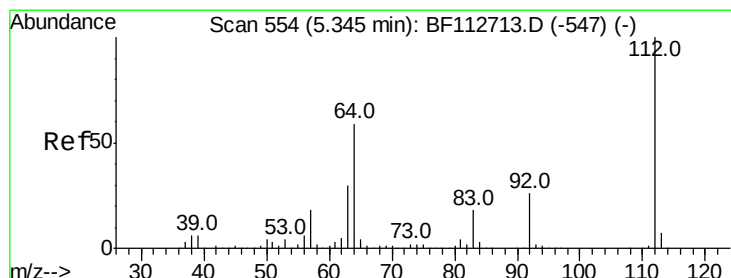
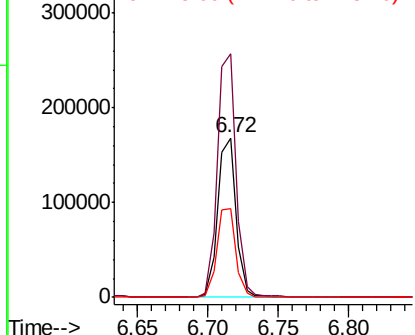
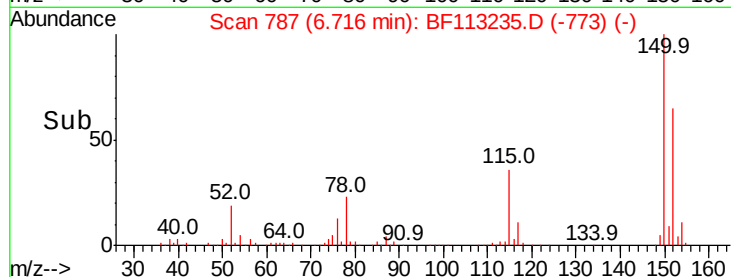
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF113235.D
Acq: 22 Mar 2019 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153094
Ion Ratio Lower Upper
152 100
150 152.7 124.2 186.2
115 55.7 48.2 72.4



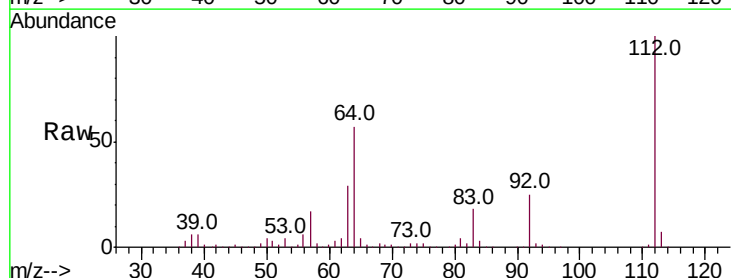
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



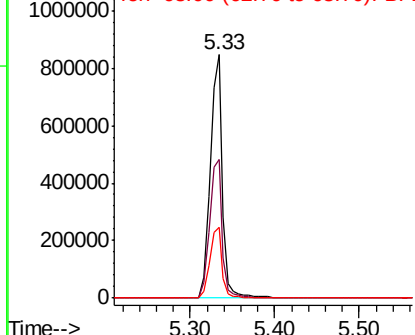
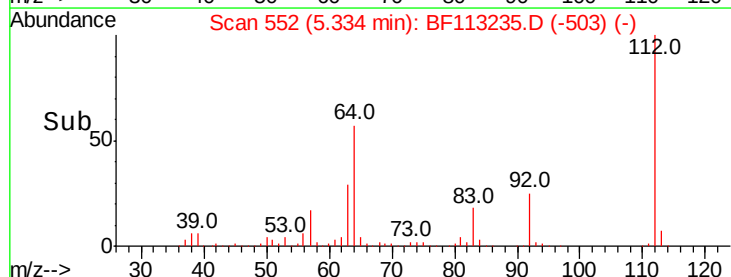
#5

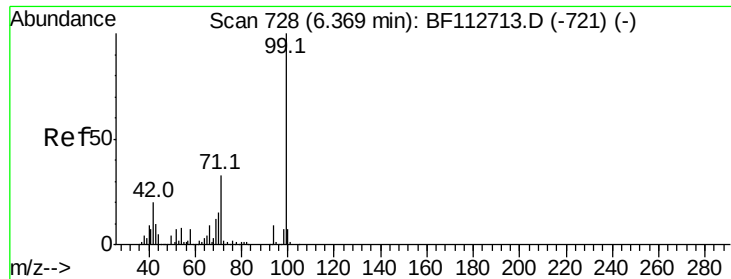
2-Fluorophenol
Concen: 87.711 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113235.D
Acq: 22 Mar 2019 15:28

Tgt Ion:112 Resp: 863237
Ion Ratio Lower Upper
112 100
64 57.0 47.6 71.4
63 29.3 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 90.061 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113235.D

Acq: 22 Mar 2019 15:28

Instrument :

BNA_F

ClientSampleId :

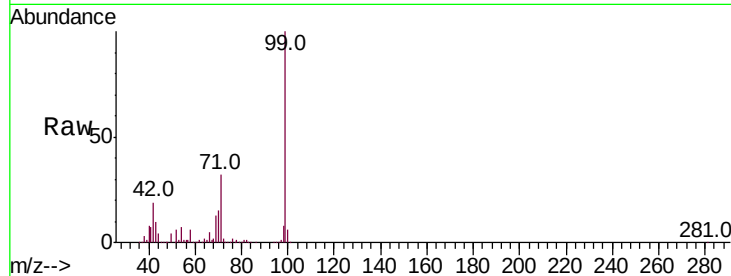
Tot Ion: 99 Resp: 1113420

Ion Ratio Lower Upper

99 100

42 18.5 16.3 24.5

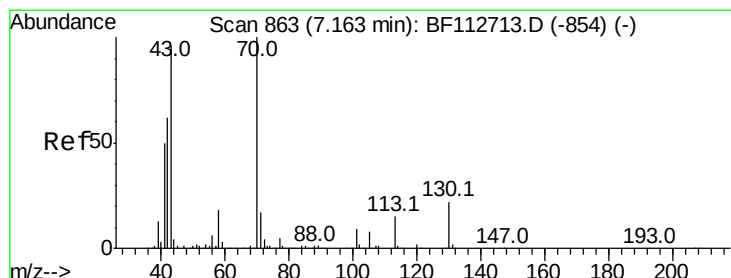
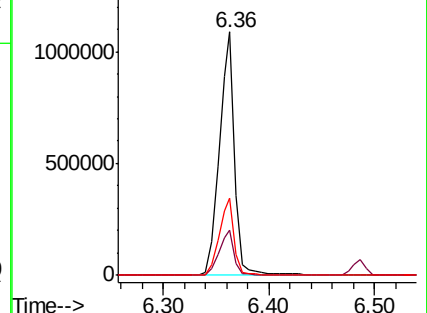
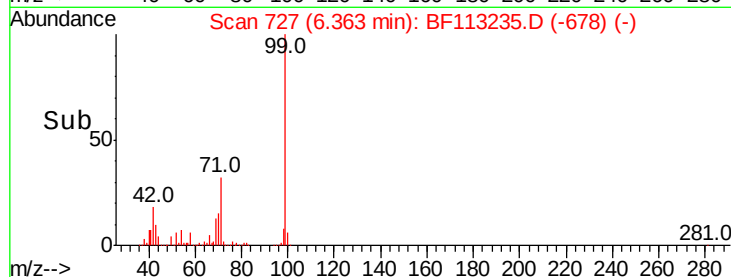
71 31.5 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 11.195 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.12 min

Lab File: BF113235.D

Acq: 22 Mar 2019 15:28

Tgt Ion: 70 Resp: 87655

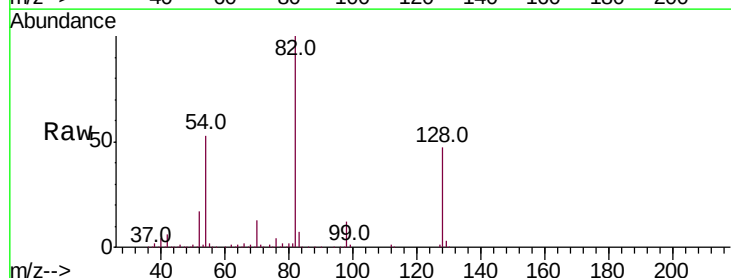
Ion Ratio Lower Upper

70 100

42 48.8 49.9 74.9#

101 0.0 7.4 11.2#

130 2.3 17.4 26.2#

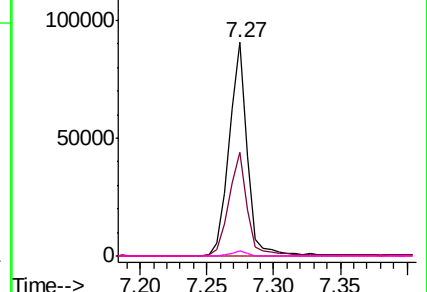
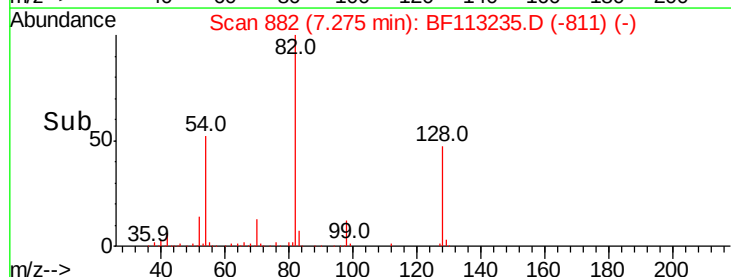


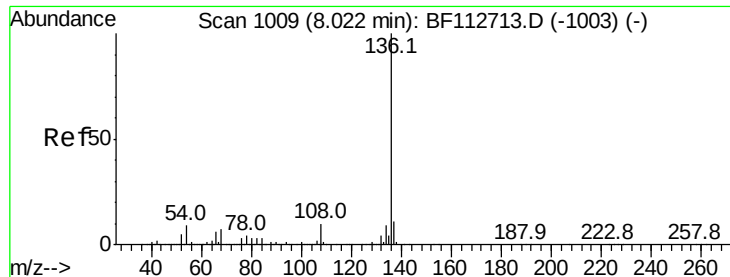
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

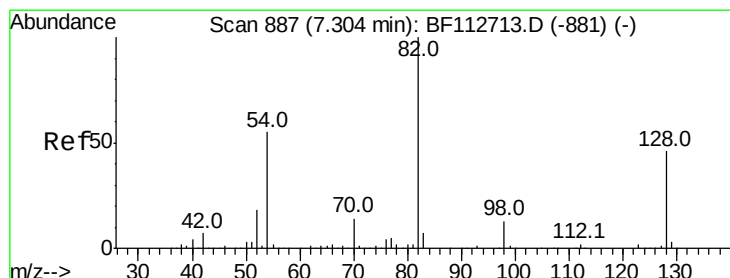
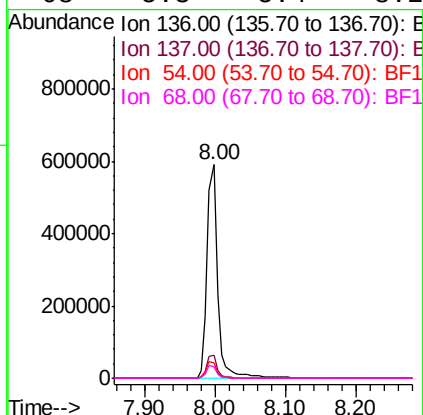
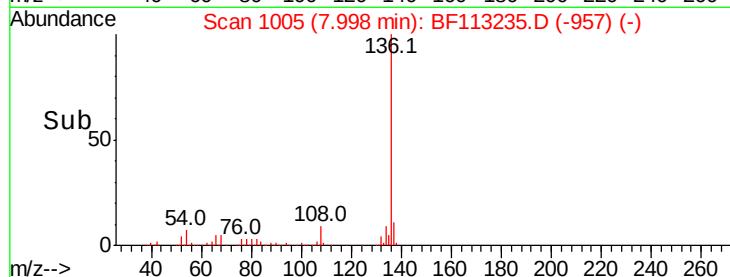
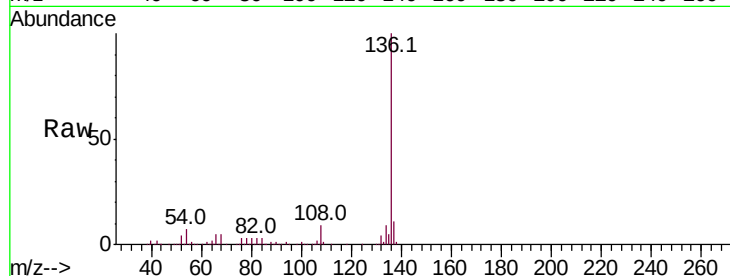




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF113235.D
Acq: 22 Mar 2019 15:28

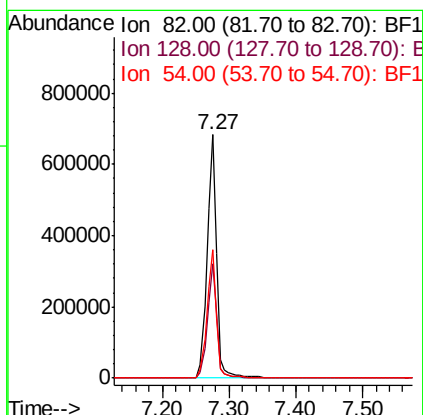
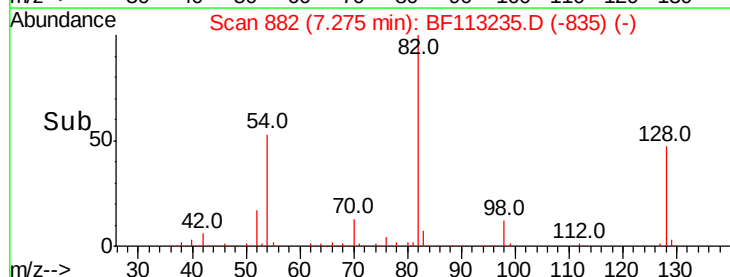
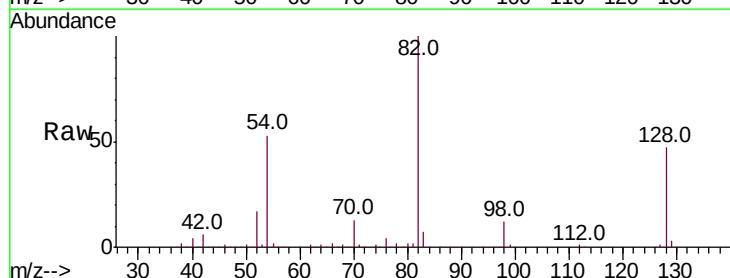
Instrument :
BNA_F
ClientSampleId :

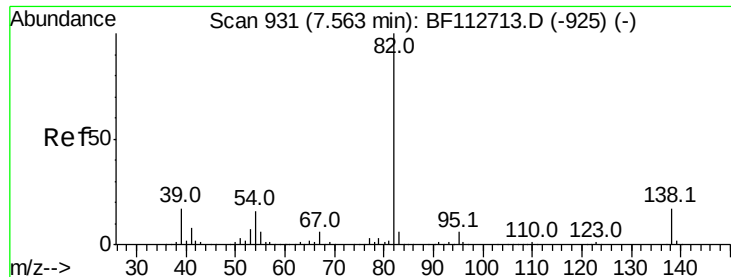
Tot Ion:136	Resp: 619341
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 7.5	7.3 10.9
68 5.3	5.4 8.2#



#23
Nitrobenzene-d5
Concen: 65.958 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF113235.D
Acq: 22 Mar 2019 15:28

Tgt Ion	82	Resp: Lower	682684 Upper
82	100		
128	46.7	36.3	54.5
54	52.6	43.7	65.5





#25

Isophorone

Concen: 30.162 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.28 min

Lab File: BF113235.D

Acq: 22 Mar 2019 15:28

Instrument :
BNA_F
ClientSampled :

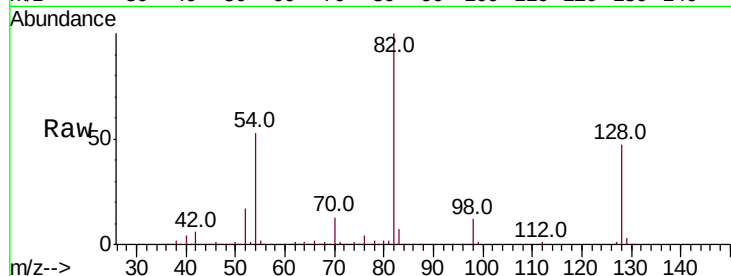
Tot Ion: 82 Resp: 672568

Ion Ratio Lower Upper

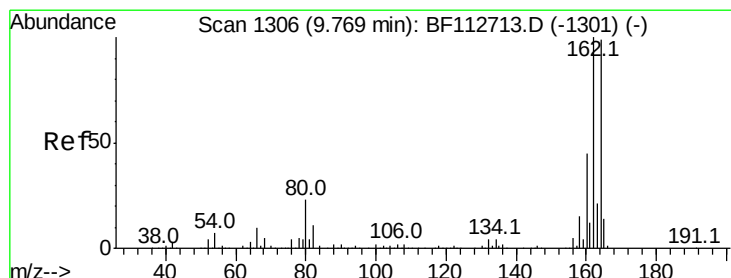
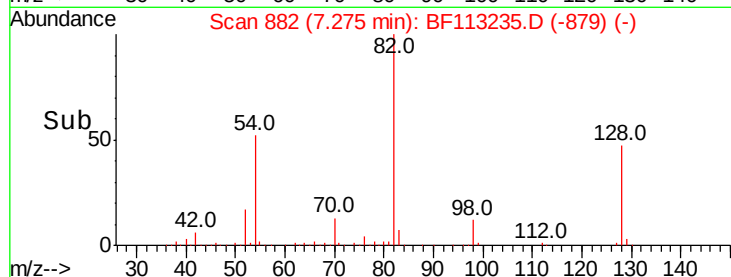
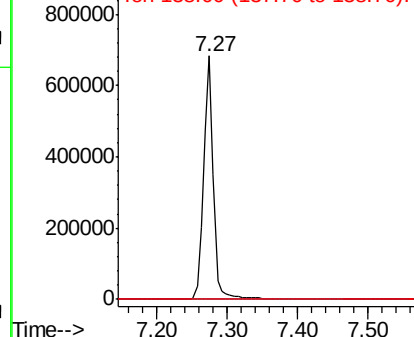
82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF113235.D

Acq: 22 Mar 2019 15:28

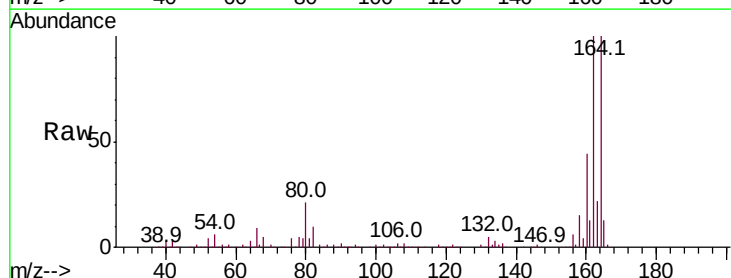
Tgt Ion:164 Resp: 295698

Ion Ratio Lower Upper

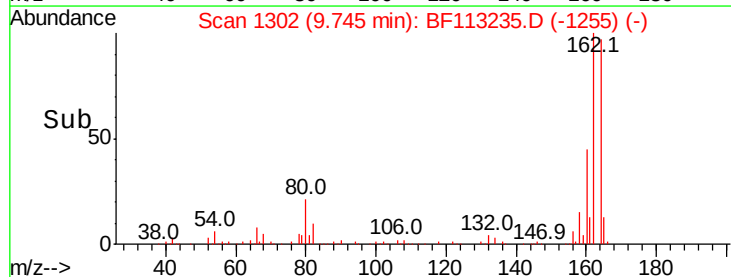
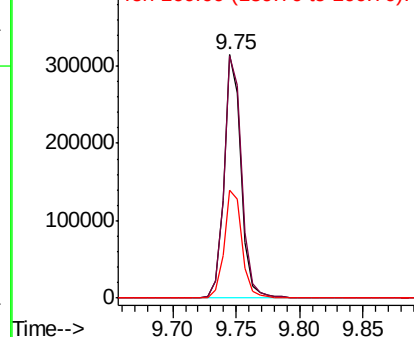
164 100

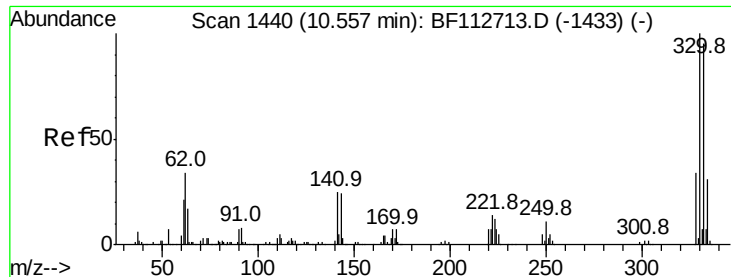
162 99.7 80.6 120.8

160 44.5 36.0 54.0



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

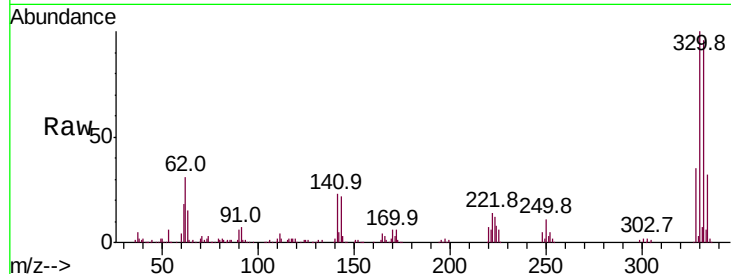




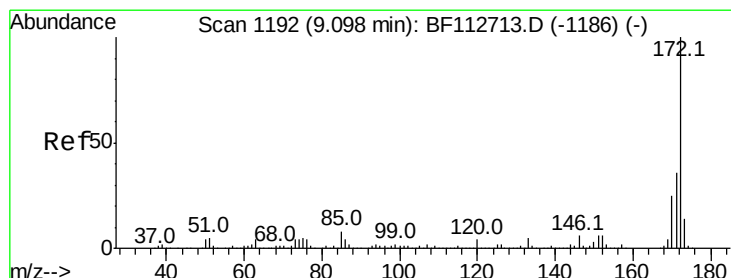
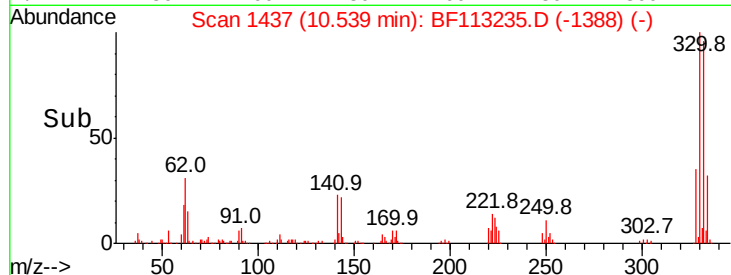
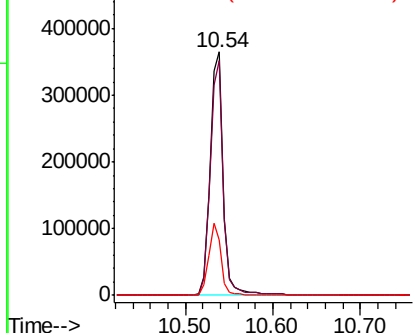
#42
 2,4,6-Tribromophenol
 Concen: 120.842 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113235.D
 Acq: 22 Mar 2019 15:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 379349
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.2 114.4
 141 28.4 27.0 40.6

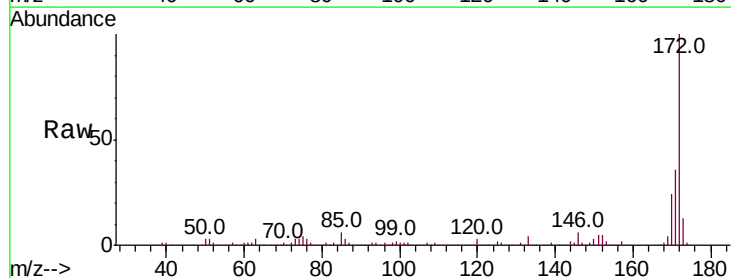


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

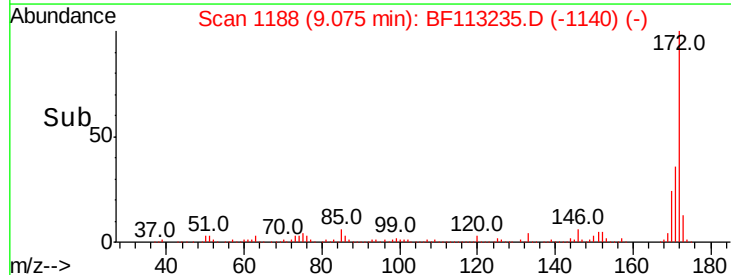
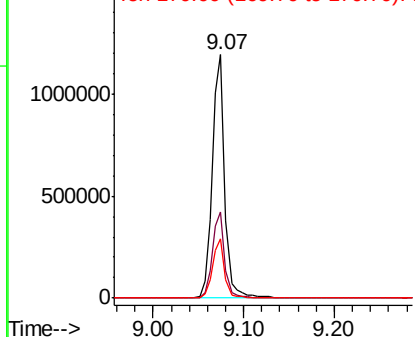


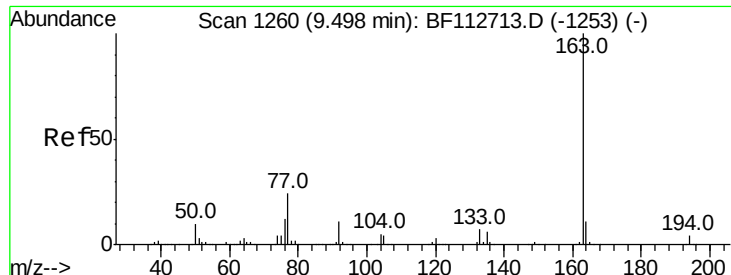
#45
 2-Fluorobiphenyl
 Concen: 60.145 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF113235.D
 Acq: 22 Mar 2019 15:28

Tgt Ion:172 Resp: 1159512
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.4
 170 24.1 20.0 30.0



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





#50

Dimethylphthalate

Concen: 5.062 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.03 min

Lab File: BF113235.D

Acq: 22 Mar 2019 15:28

Instrument :

BNA_F

ClientSampled :

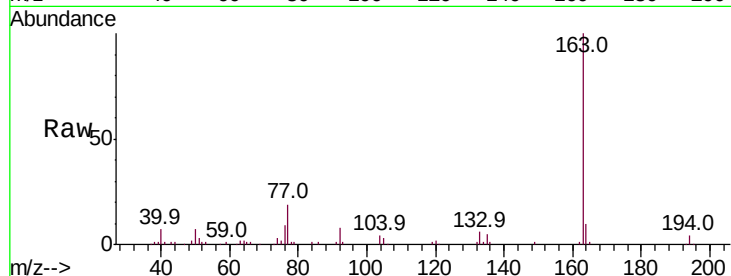
Tot Ion:163 Resp: 110375

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

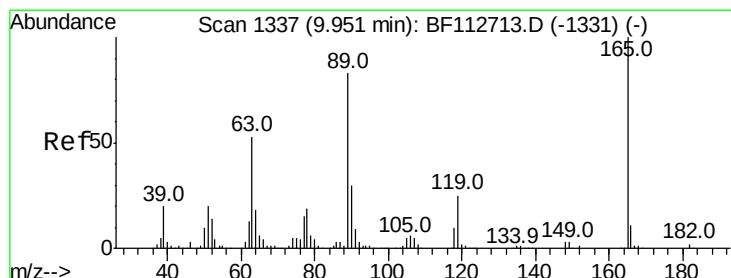
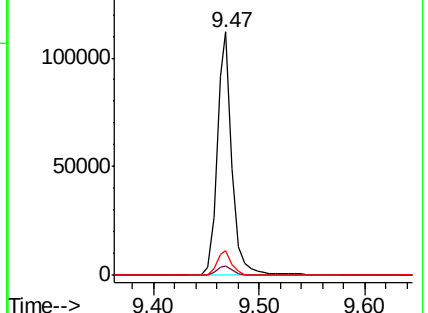
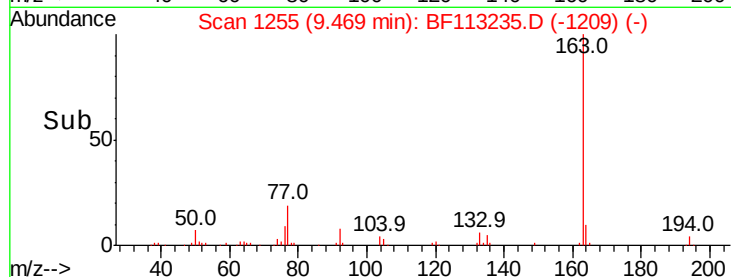
164 10.0 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 6.665 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.21 min

Lab File: BF113235.D

Acq: 22 Mar 2019 15:28

Tgt Ion:165 Resp: 37616

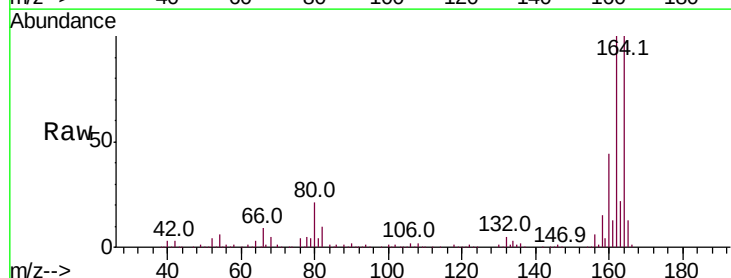
Ion Ratio Lower Upper

165 100

63 1.2 42.2 63.2#

89 1.1 66.2 99.4#

182 0.0 1.8 2.6#

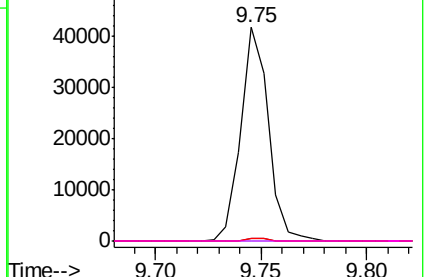
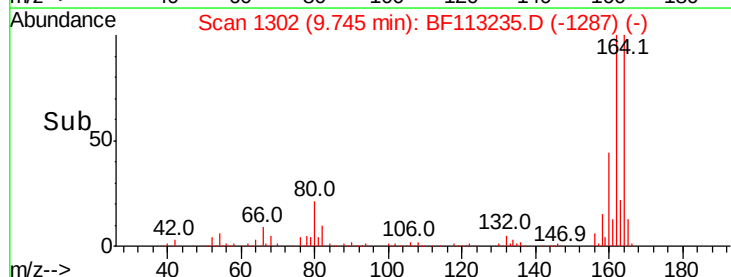


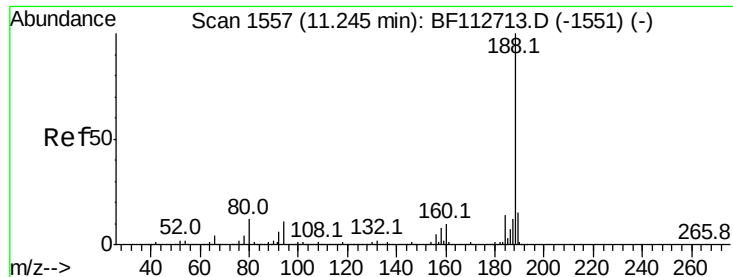
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

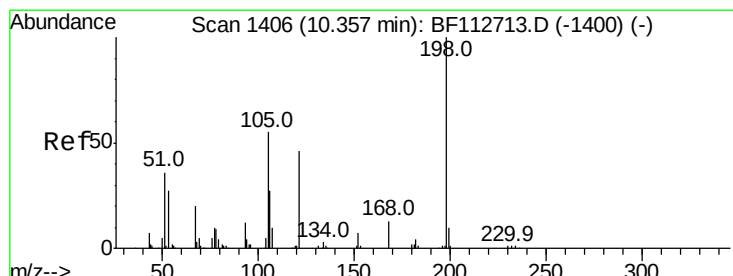
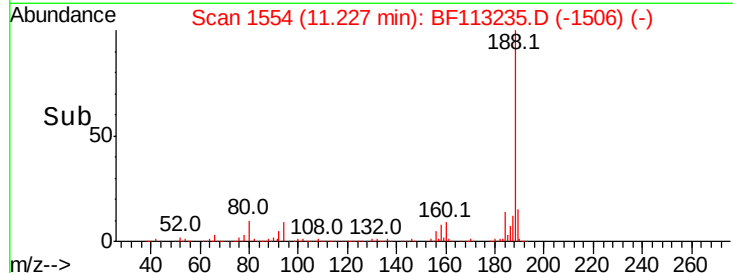
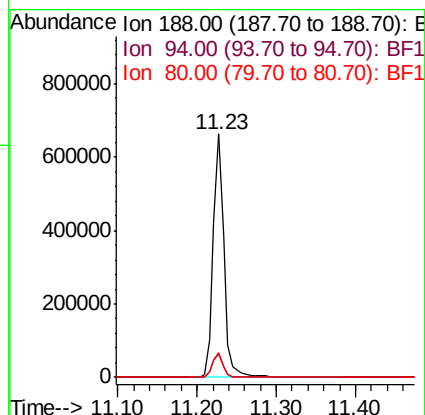
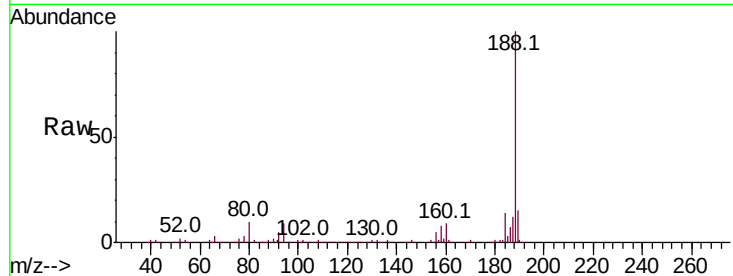




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF113235.D
Acq: 22 Mar 2019 15:28

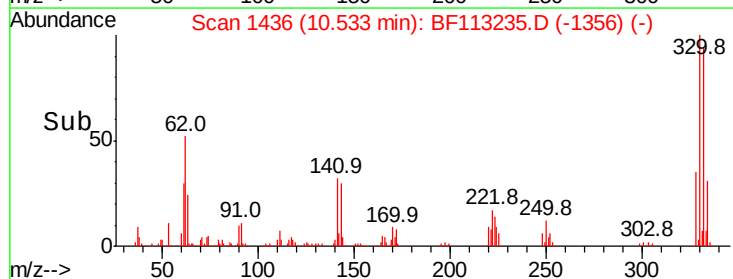
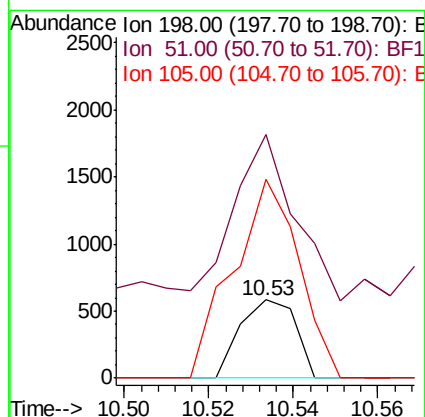
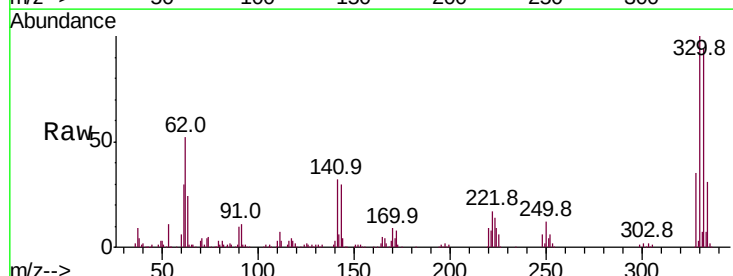
Instrument :
BNA_F
ClientSampleId :

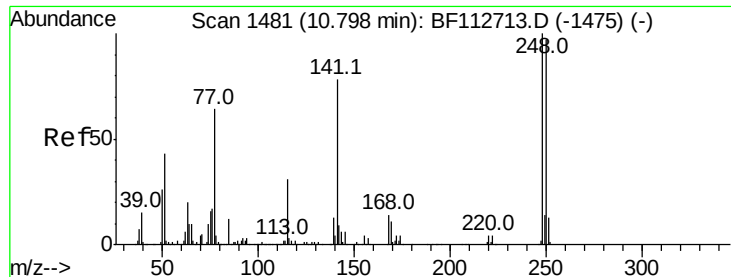
Tot Ion:188 Resp: 620764
Ion Ratio Lower Upper
188 100
94 9.4 9.0 13.4
80 10.0 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.802 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.17 min
Lab File: BF113235.D
Acq: 22 Mar 2019 15:28

Tgt Ion:198 Resp: 534
Ion Ratio Lower Upper
198 100
51 310.4 43.8 83.8#
105 253.2 36.5 76.5#

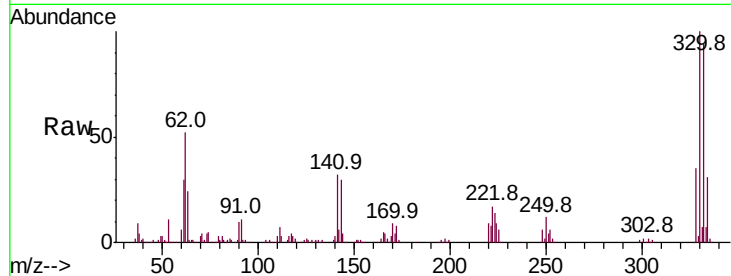




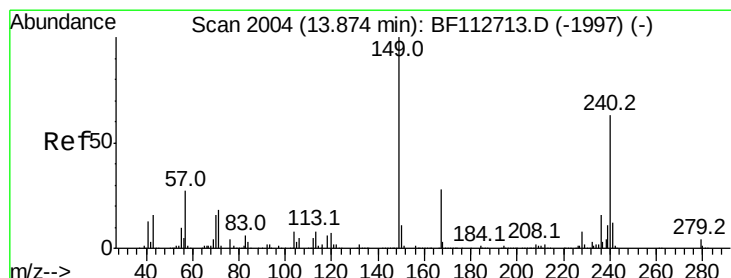
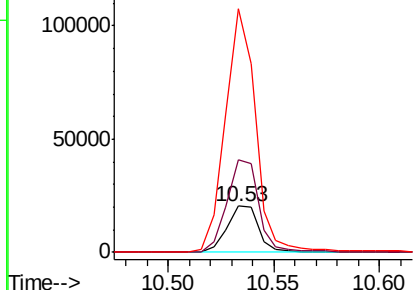
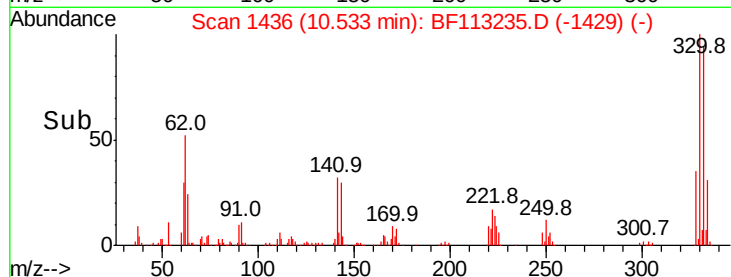
#67
 4-Bromophenyl-phenylether
 Concen: 3.235 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.26 min
 Lab File: BF113235.D
 Acq: 22 Mar 2019 15:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 21152
 Ion Ratio Lower Upper
 248 100
 250 198.9 77.5 116.3#
 141 525.6 62.4 93.6#

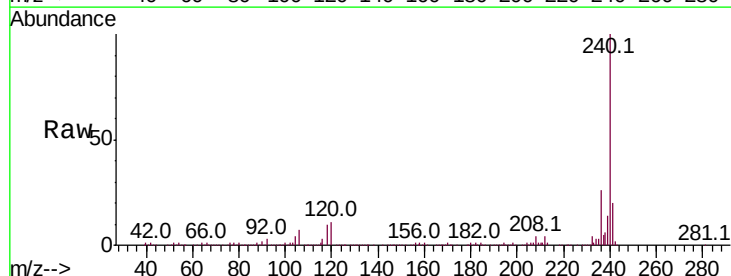


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

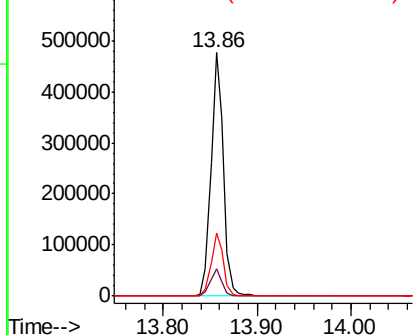
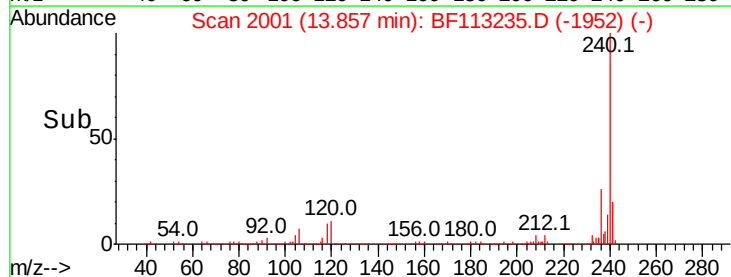


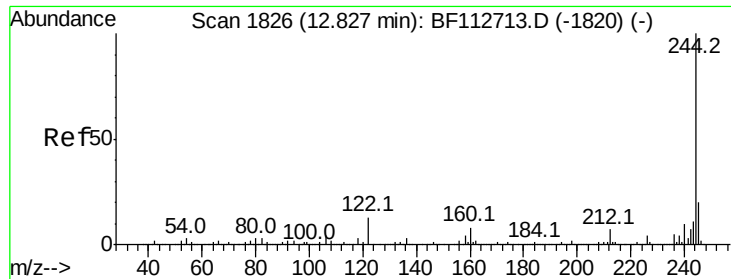
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF113235.D
 Acq: 22 Mar 2019 15:28

Tgt Ion:240 Resp: 445898
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.9 13.3
 236 26.0 20.7 31.1



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

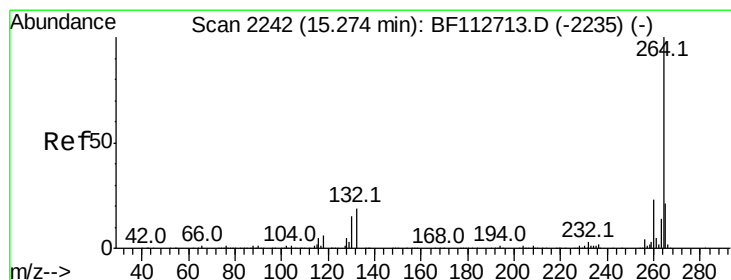
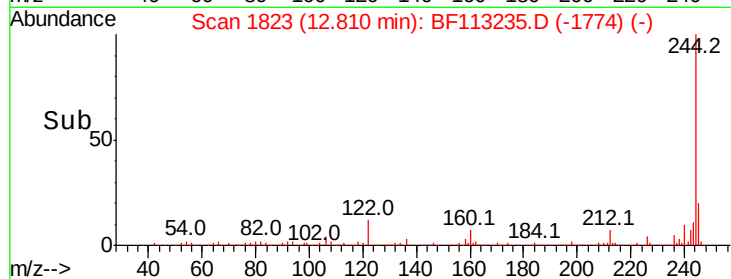
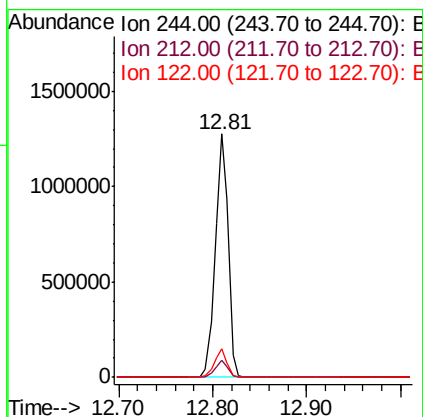
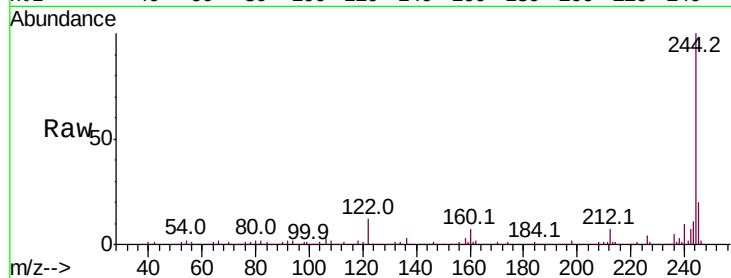




#79
 Terphenyl-d14
 Concen: 53.870 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF113235.D
 Acq: 22 Mar 2019 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1239122
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.6 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF113235.D
 Acq: 22 Mar 2019 15:28

Tgt Ion:264 Resp: 367498
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.5 17.2 25.8

