

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032319\
 Data File : BF113259.D
 Acq On : 23 Mar 2019 14:35
 Operator : JU/SJ
 Sample : K2033-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 22:57:23 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

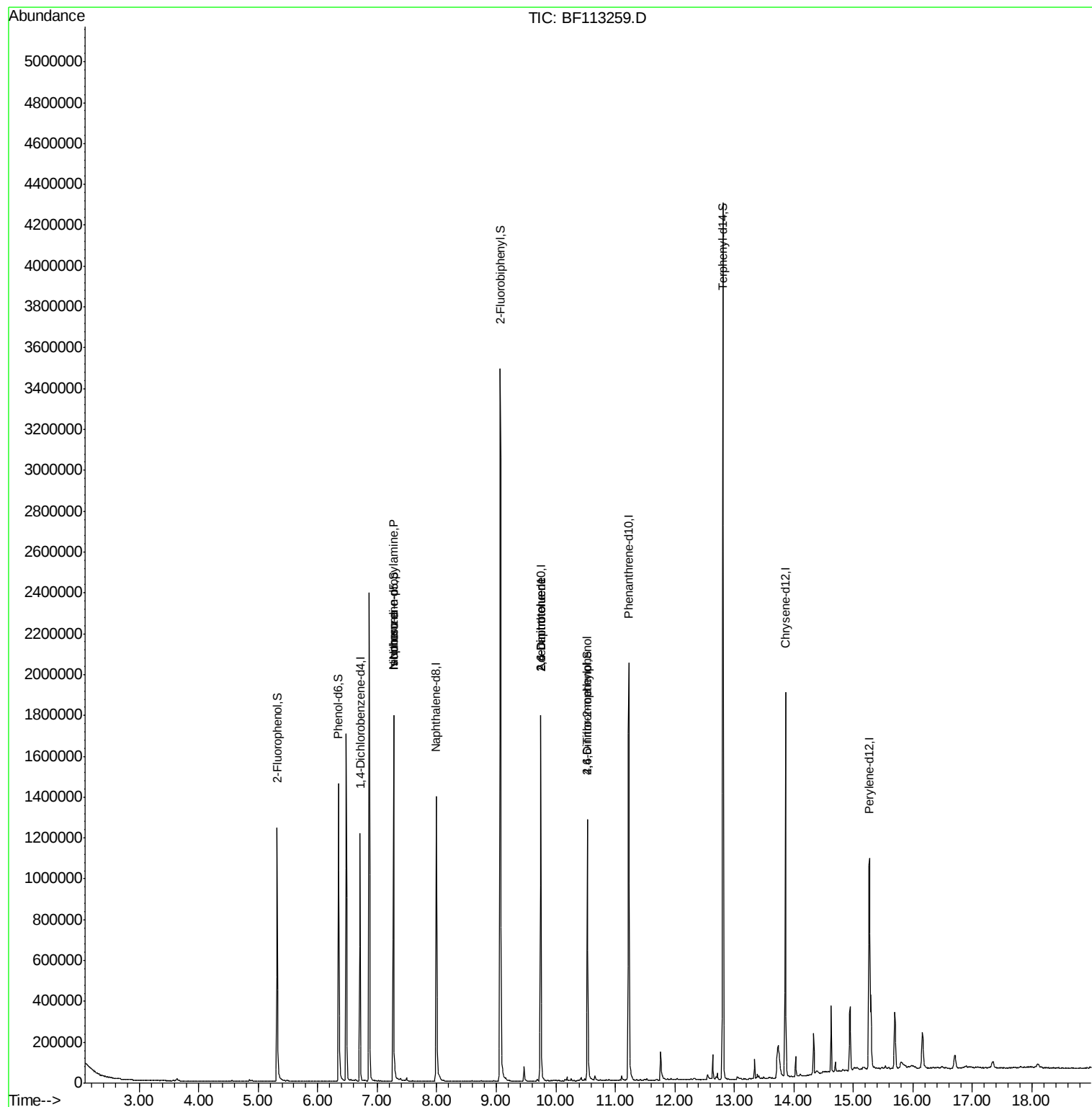
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	190211	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	789180	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	388773	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	877657	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	700153	20.00	ng	-0.01
87) Perylene-d12	15.27	264	550314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	412752	33.75	ng	-0.03
7) Phenol-d6	6.35	99	539275	35.11	ng	-0.02
23) Nitrobenzene-d5	7.27	82	653041	49.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	199936	48.44	ng	-0.02
45) 2-Fluorobiphenyl	9.07	172	1311526	50.12	ng	-0.02
79) Terphenyl-d14	12.81	244	1633942	45.24	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	82849	8.516	ng	# 75
25) Isophorone	7.27	82	643242	22.639	ng	# 66
51) 2,6-Dinitrotoluene	9.75	165	50180	8.406	ng	# 18
57) 2,4-Dinitrotoluene	9.75	165	50182	6.763	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.53	198	143	4.649	ng	# 59

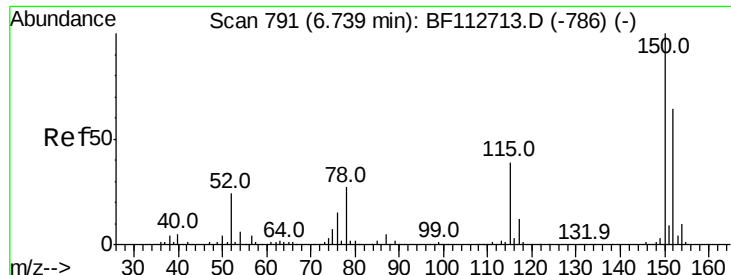
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



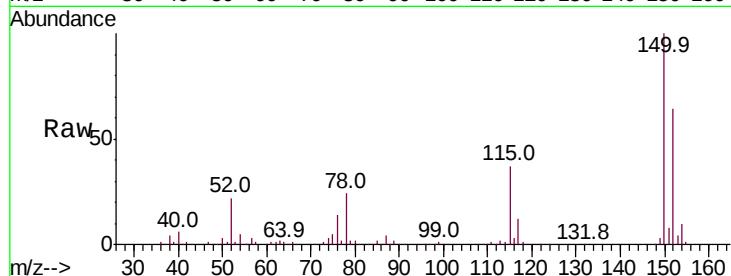


#1

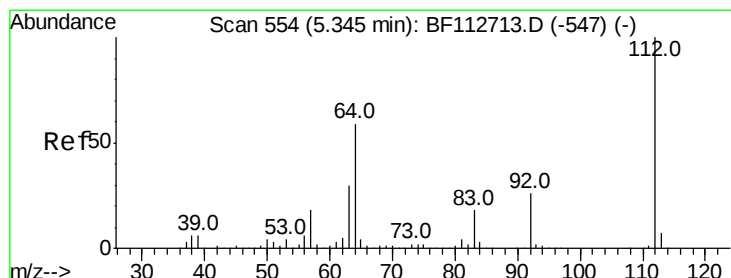
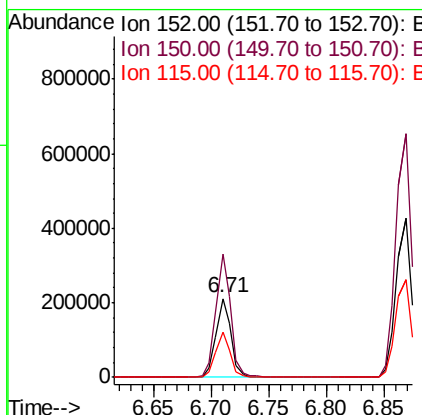
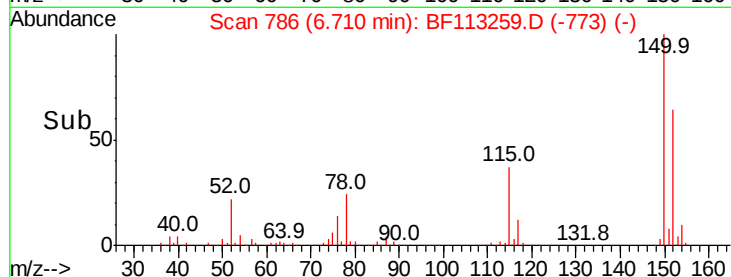
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF113259.D
Acq: 23 Mar 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 190211
Ion Ratio Lower Upper
152 100
150 156.9 124.2 186.2
115 58.0 48.2 72.4



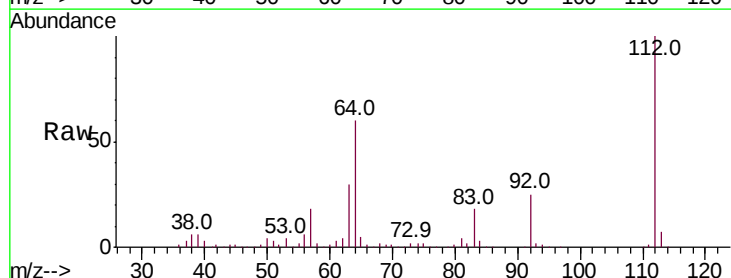
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



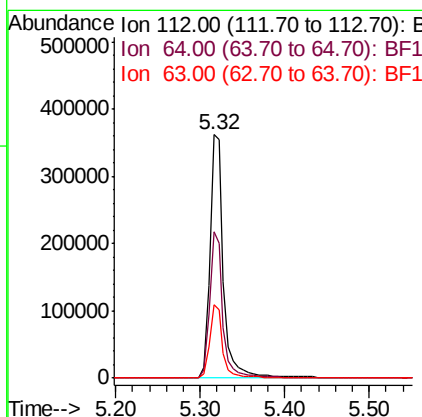
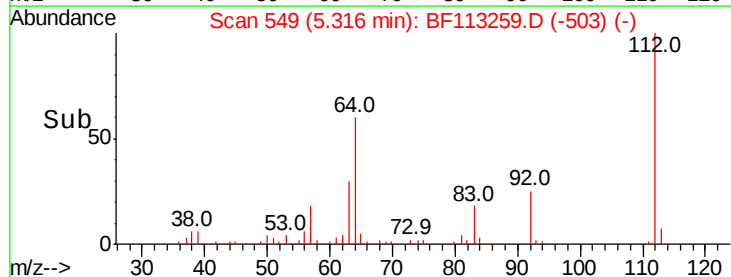
#5

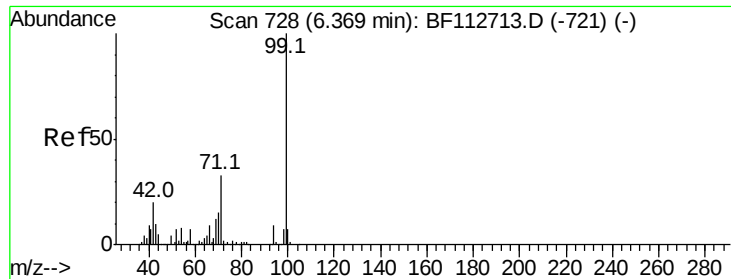
2-Fluorophenol
Concen: 33.755 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF113259.D
Acq: 23 Mar 2019 14:35

Tgt Ion:112 Resp: 412752
Ion Ratio Lower Upper
112 100
64 60.0 47.6 71.4
63 30.3 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: 35.108 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF113259.D

Acq: 23 Mar 2019 14:35

Instrument :

BNA_F

ClientSampleId :

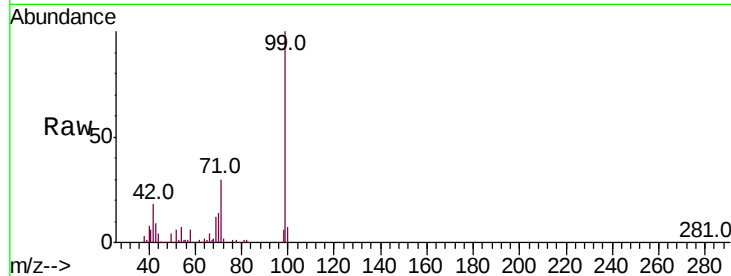
Tot Ion: 99 Resp: 539275

Ion Ratio Lower Upper

99 100

42 17.9 16.3 24.5

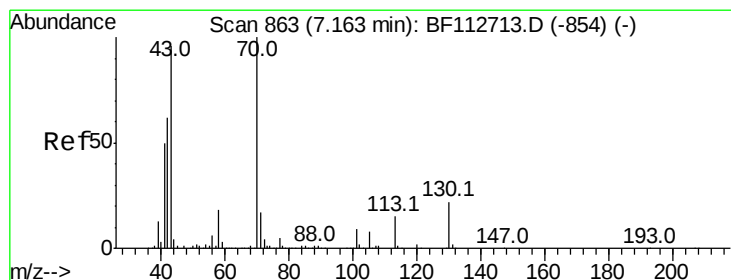
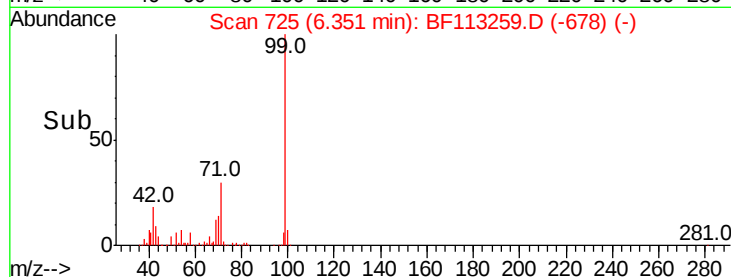
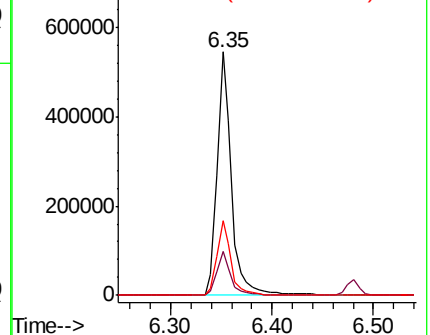
71 30.5 26.2 39.4



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: 8.516 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.12 min

Lab File: BF113259.D

Acq: 23 Mar 2019 14:35

Tgt Ion: 70 Resp: 82849

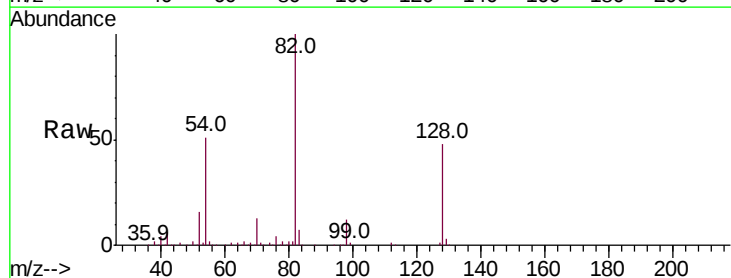
Ion Ratio Lower Upper

70 100

42 48.1 49.9 74.9#

101 0.0 7.4 11.2#

130 2.2 17.4 26.2#

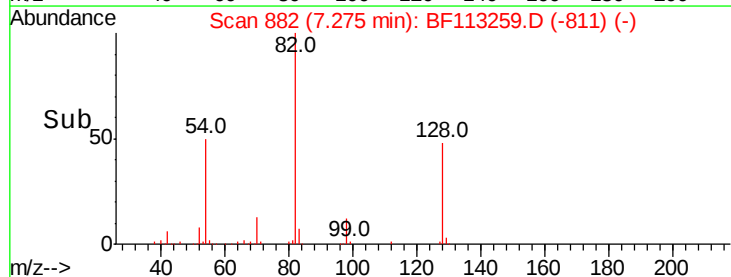
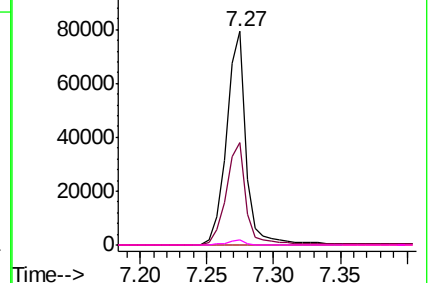


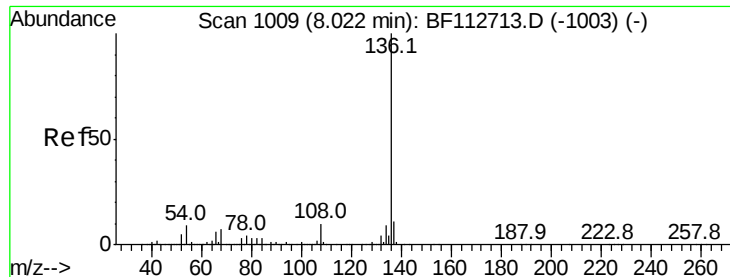
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

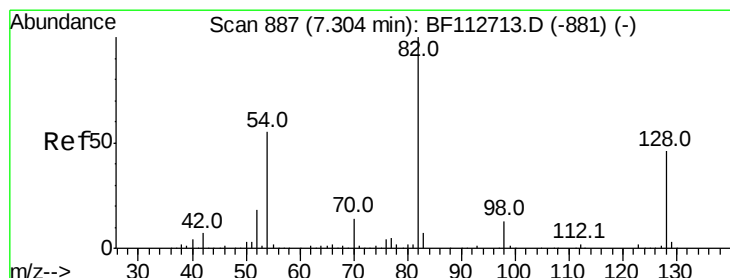
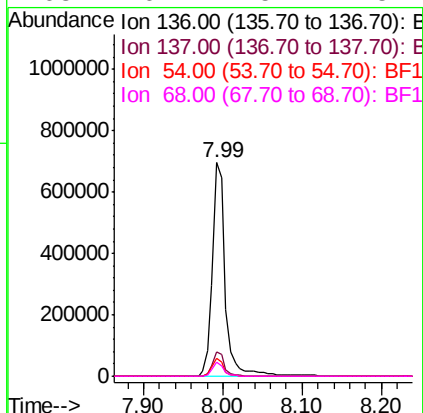
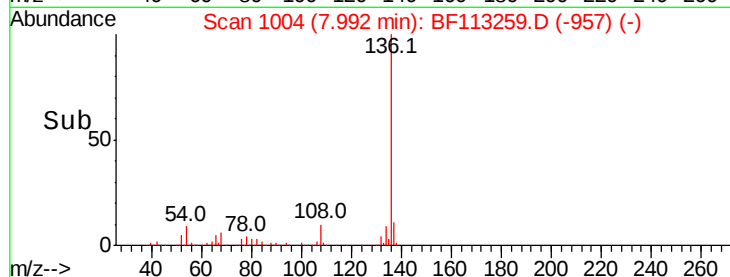
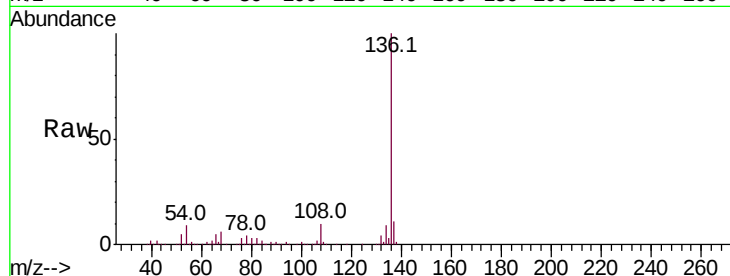




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF113259.D
Acq: 23 Mar 2019 14:35

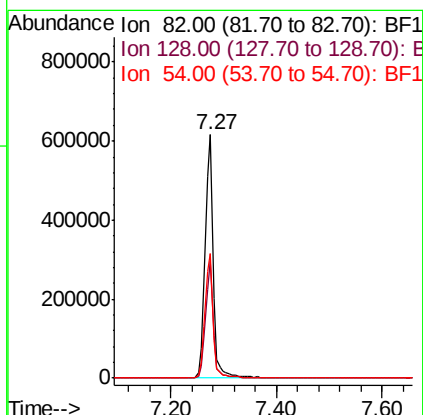
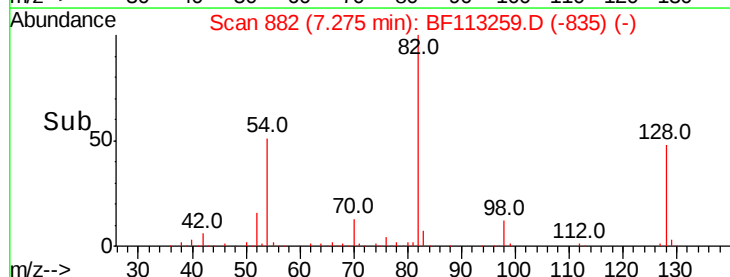
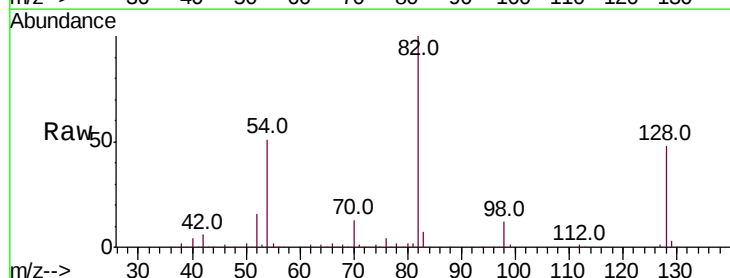
Instrument :
BNA_F
ClientSampleId :

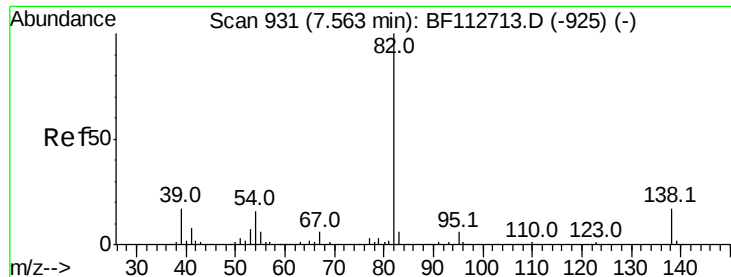
Tot Ion:136	Resp:	789180
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	8.6	7.3 10.9
68	6.4	5.4 8.2



#23
Nitrobenzene-d5
Concen: 49.515 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF113259.D
Acq: 23 Mar 2019 14:35

Tgt Ion: 82	Resp:	653041
Ion Ratio	Lower	Upper
82	100	
128	48.0	36.3 54.5
54	51.3	43.7 65.5





#25

Isophorone

Concen: 22.639 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.28 min

Lab File: BF113259.D

Acq: 23 Mar 2019 14:35

Instrument :

BNA_F

ClientSampleId :

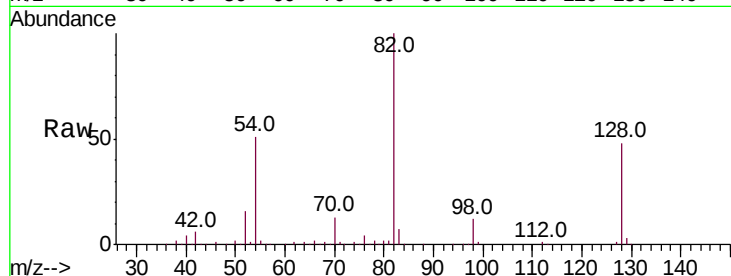
Tot Ion: 82 Resp: 643242

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

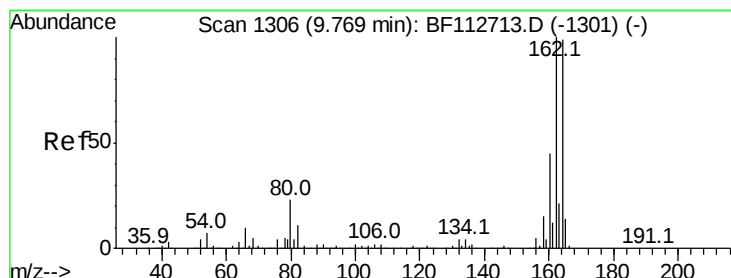
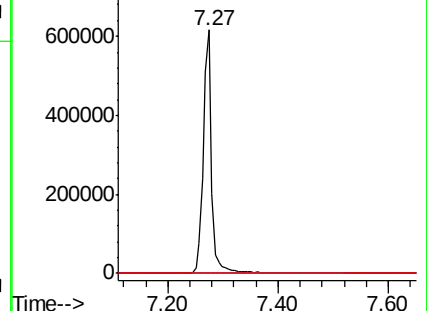
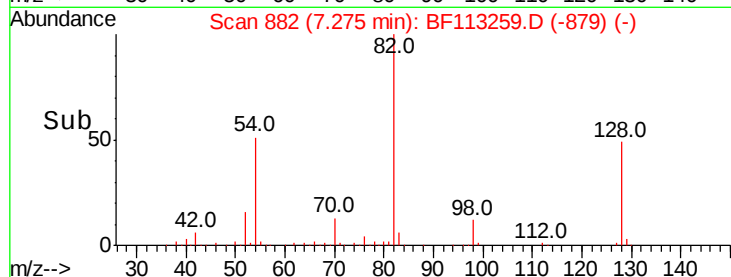
138 0.0 13.8 20.8#



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: BF113259.D

Acq: 23 Mar 2019 14:35

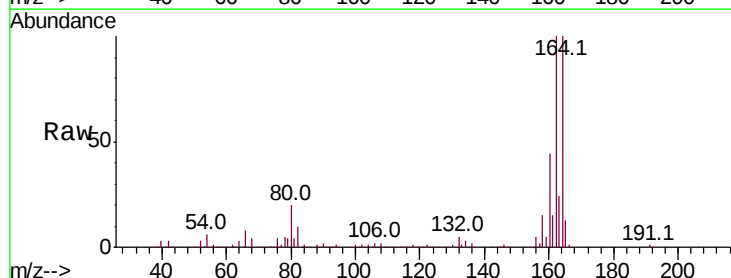
Tgt Ion:164 Resp: 388773

Ion Ratio Lower Upper

164 100

162 99.7 80.6 120.8

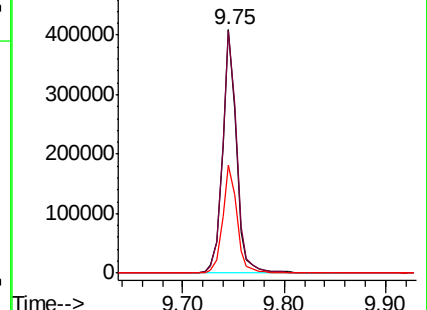
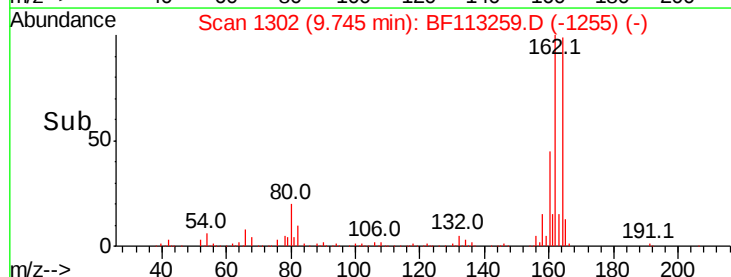
160 44.4 36.0 54.0

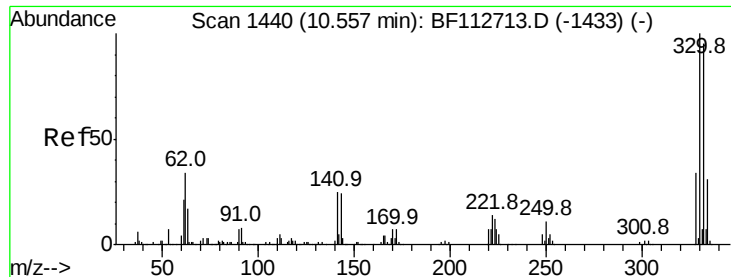


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

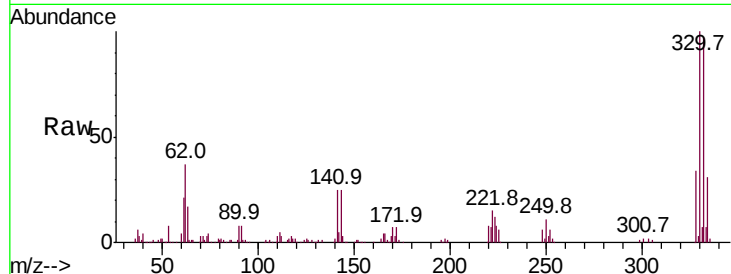




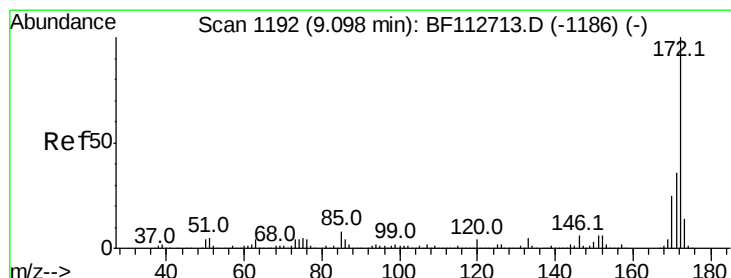
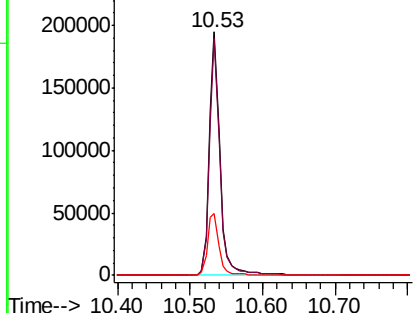
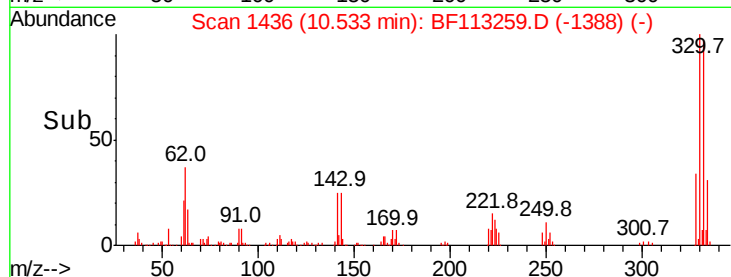
#42
2,4,6-Tribromophenol
Concen: 48.442 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF113259.D
Acq: 23 Mar 2019 14:35

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.4
141	27.1	27.0	40.6

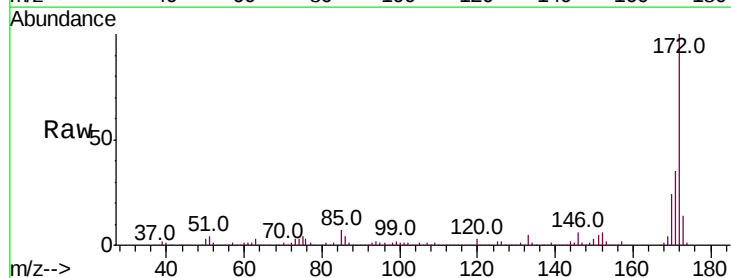


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

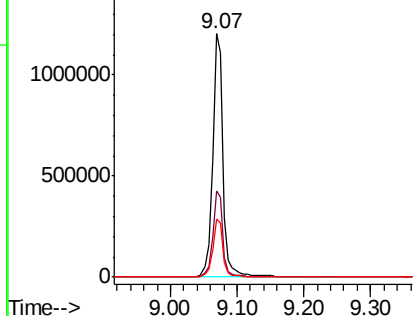
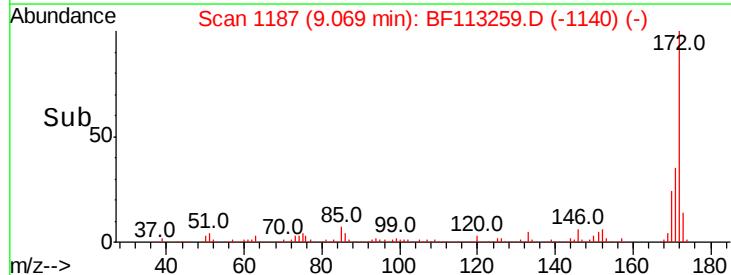


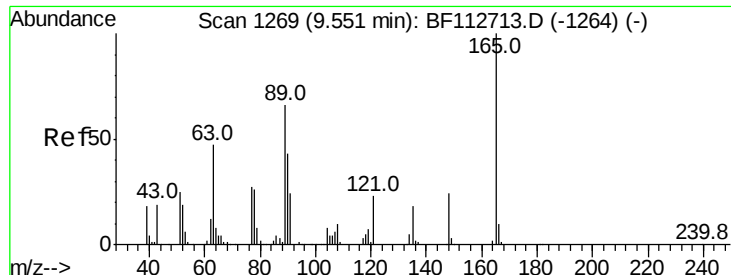
#45
2-Fluorobiphenyl
Concen: 50.124 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF113259.D
Acq: 23 Mar 2019 14:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	24.0	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

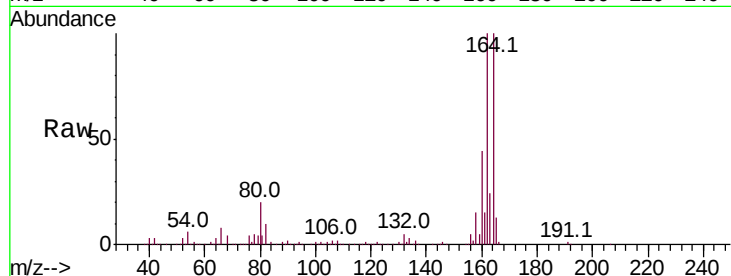




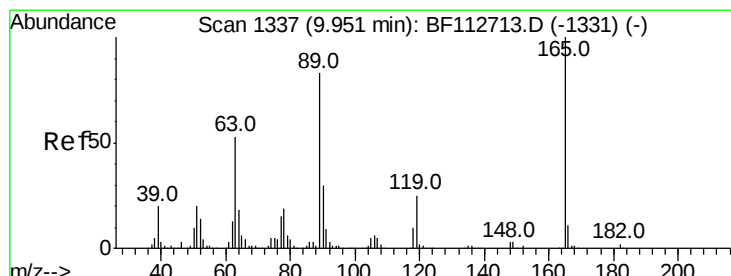
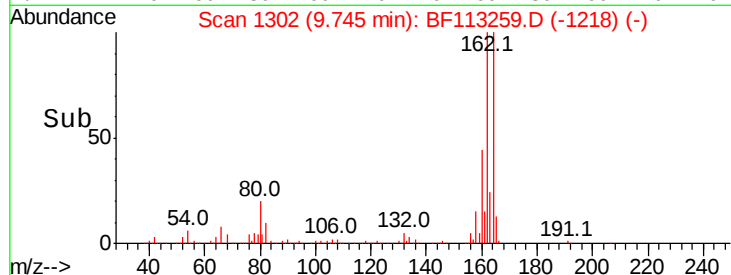
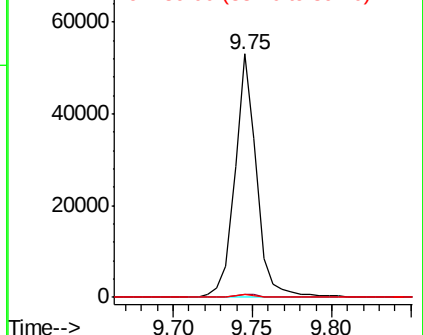
#51
 2,6-Dinitrotoluene
 Concen: 8.406 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.19 min
 Lab File: BF113259.D
 Acq: 23 Mar 2019 14:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 50180
 Ion Ratio Lower Upper
 165 100
 63 1.2 54.1 81.1#
 89 1.3 52.8 79.2#

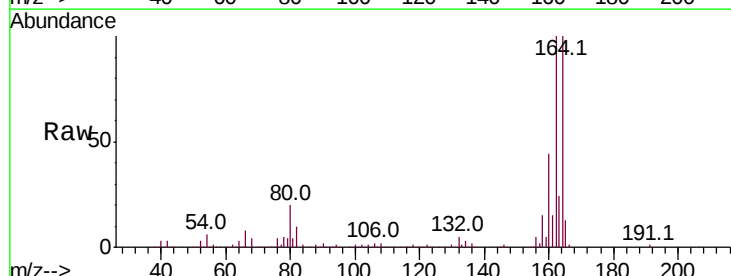


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

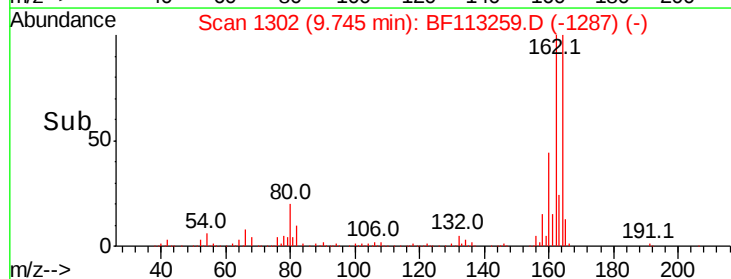
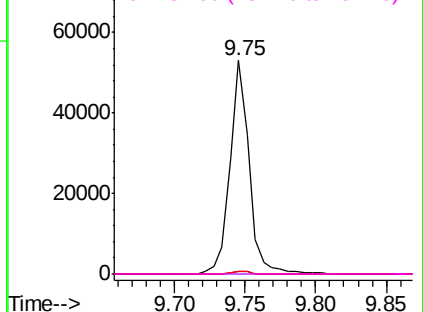


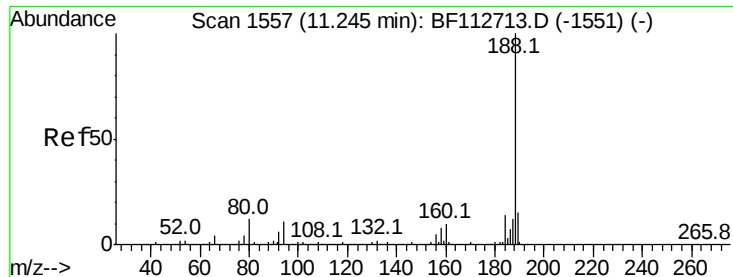
#57
 2,4-Dinitrotoluene
 Concen: 6.763 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF113259.D
 Acq: 23 Mar 2019 14:35

Tgt Ion:165 Resp: 50182
 Ion Ratio Lower Upper
 165 100
 63 1.2 42.2 63.2#
 89 1.3 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

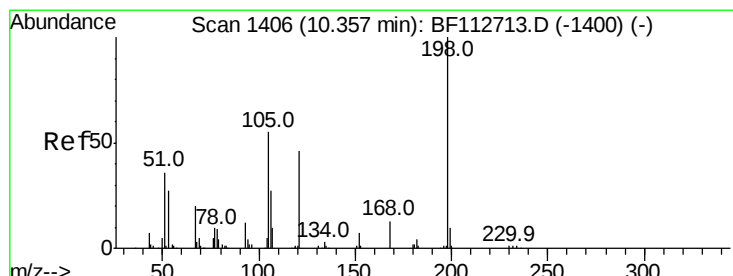
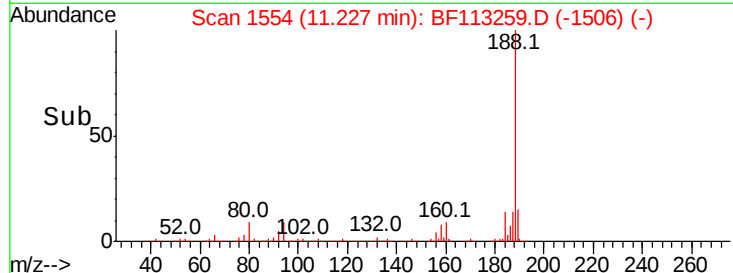
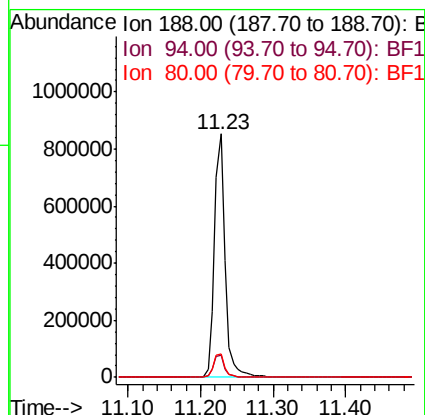
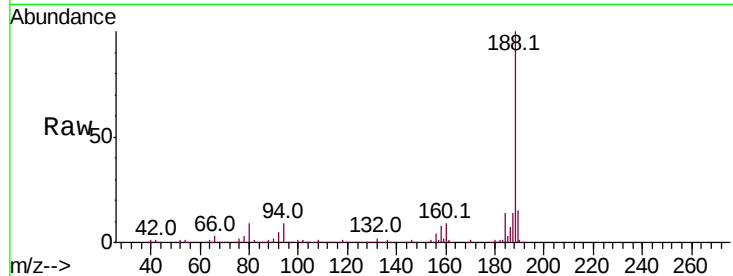




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF113259.D
Acq: 23 Mar 2019 14:35

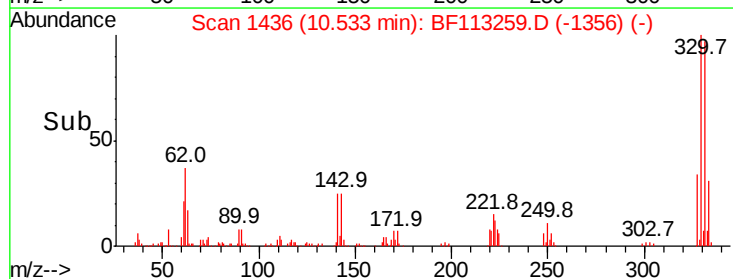
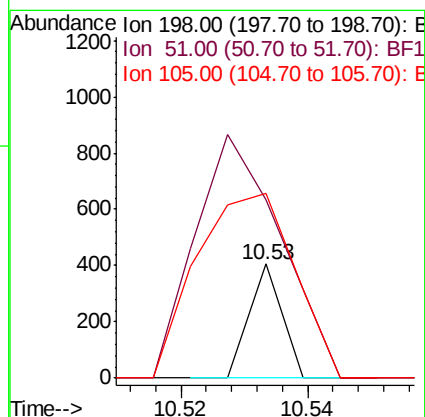
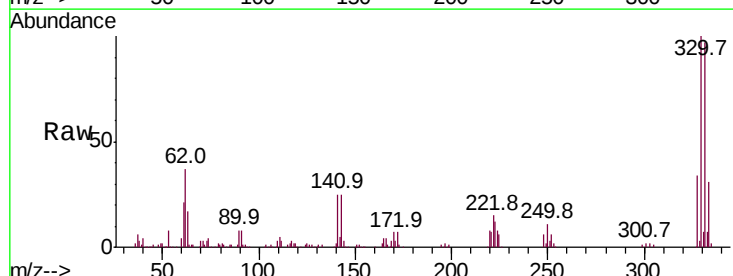
Instrument :
BNA_F
ClientSampleId :

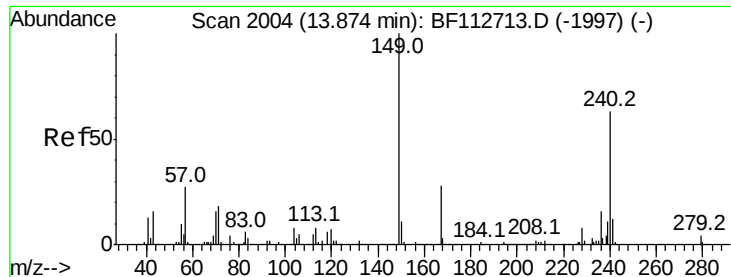
Tot Ion:188 Resp: 877657
Ion Ratio Lower Upper
188 100
94 9.1 9.0 13.4
80 9.5 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.649 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.17 min
Lab File: BF113259.D
Acq: 23 Mar 2019 14:35

Tgt Ion:198 Resp: 143
Ion Ratio Lower Upper
198 100
51 28.7 43.8 83.8#
105 29.7 36.5 76.5#

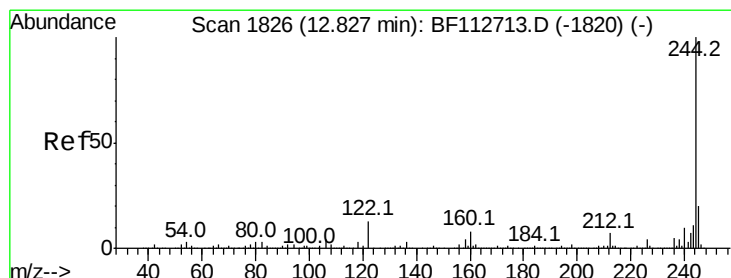
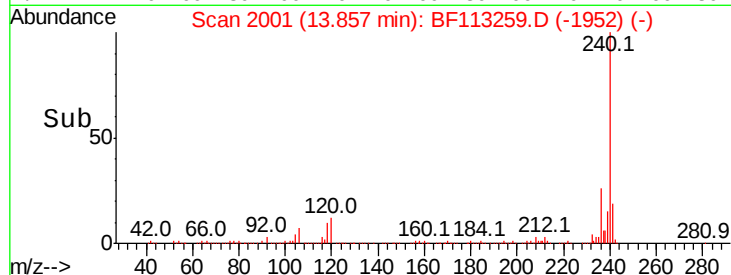
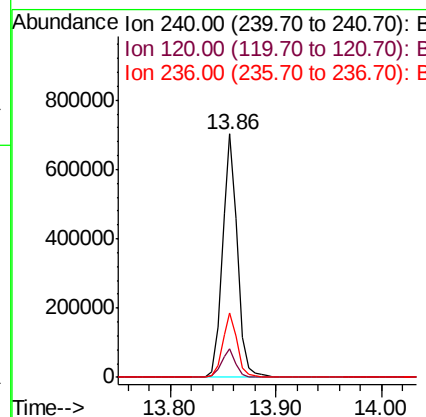
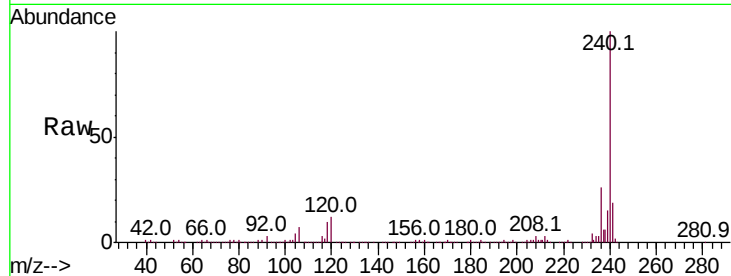




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF113259.D
 Acq: 23 Mar 2019 14:35

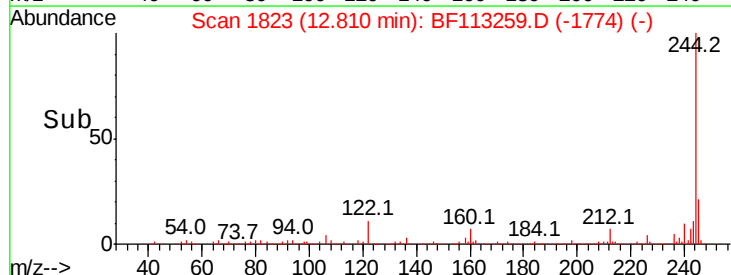
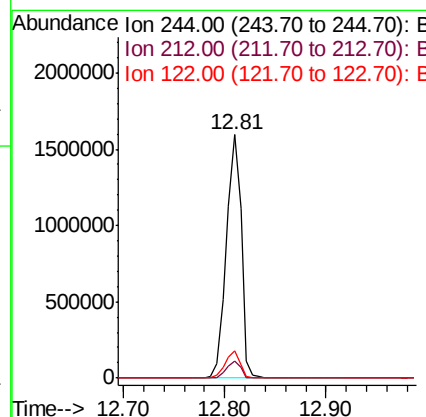
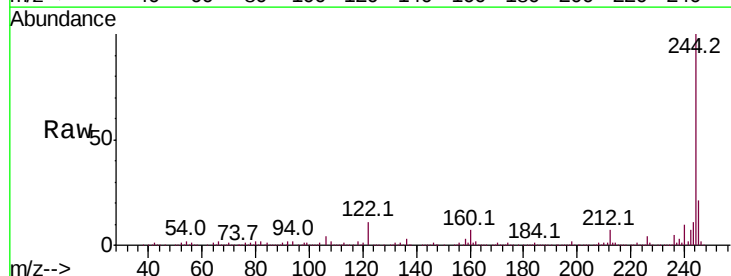
Instrument :
 BNA_F
 ClientSampleId :

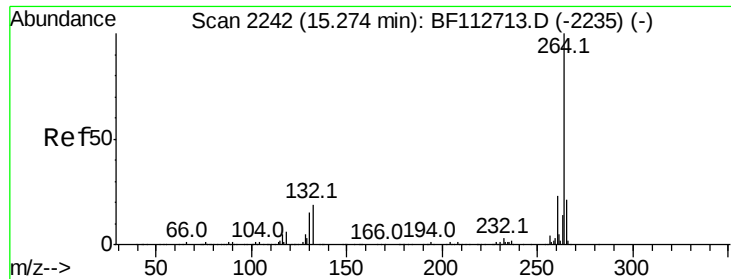
Tot Ion:240 Resp: 700153
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.9 13.3
 236 26.2 20.7 31.1



#79
 Terphenyl-d14
 Concen: 45.239 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF113259.D
 Acq: 23 Mar 2019 14:35

Tgt Ion:244 Resp: 1633942
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.4 10.5 15.7





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF113259.D
 Acq: 23 Mar 2019 14:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 550314
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.5 17.2 25.8

