

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
 Data File : BF110922.D
 Acq On : 21 Nov 2018 12:25
 Operator : JU/SJ
 Sample : J5957-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 14:30:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

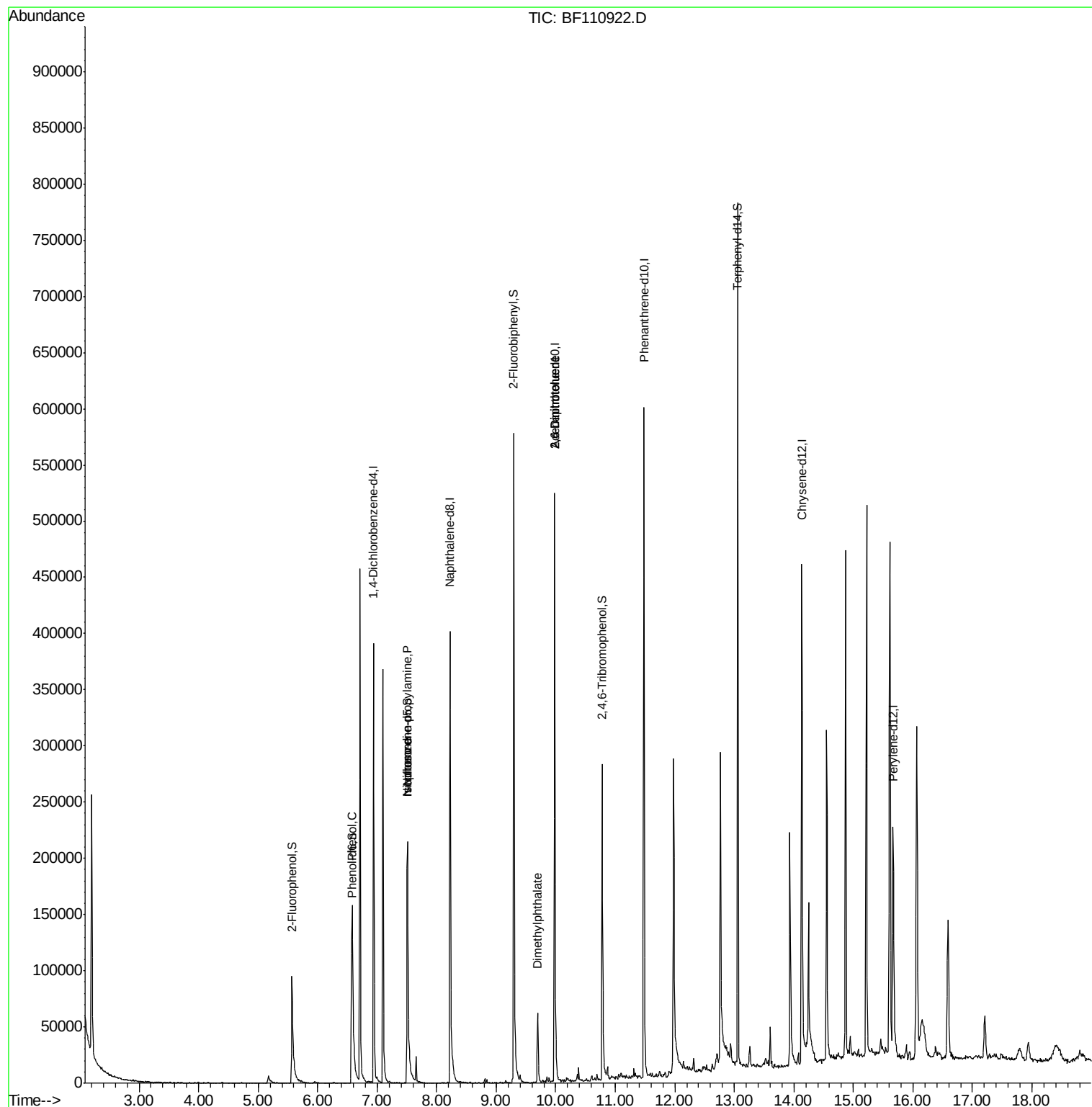
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	60306	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	254674	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	121773	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	245629	20.00	ng	0.00
76) Chrysene-d12	14.13	240	169355	20.00	ng	0.00
87) Perylene-d12	15.67	264	126685	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	59537	16.04	ng	0.00
7) Phenol-d6	6.57	99	49194	10.36	ng	0.00
23) Nitrobenzene-d5	7.51	82	111696	25.26	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	40278	32.83	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	230804	27.07	ng	-0.01
79) Terphenyl-d14	13.06	244	245821	27.18	ng	-0.01
Target Compounds				Qvalue		
9) Benzaldehyde	6.71	77	2711	Below Cal		89
10) Phenol	6.58	94	71139	12.922 ng	#	65
19) n-Nitroso-di-n-propylamine	7.51	70	14670	4.841 ng	#	80
25) Isophorone	7.51	82	111696	15.410 ng	#	67
50) Dimethylphthalate	9.69	163	38472	4.234 ng		99
51) 2,6-Dinitrotoluene	9.98	165	15451	7.730 ng	#	22
57) 2,4-Dinitrotoluene	9.98	165	15451	5.945 ng	#	19

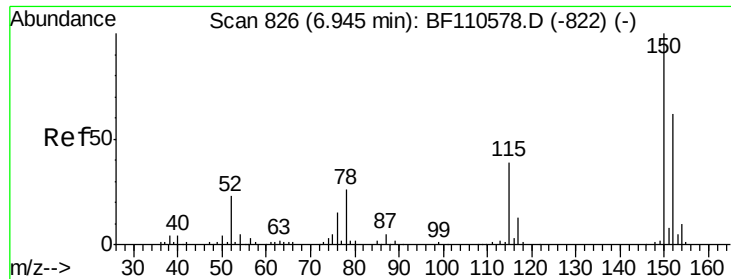
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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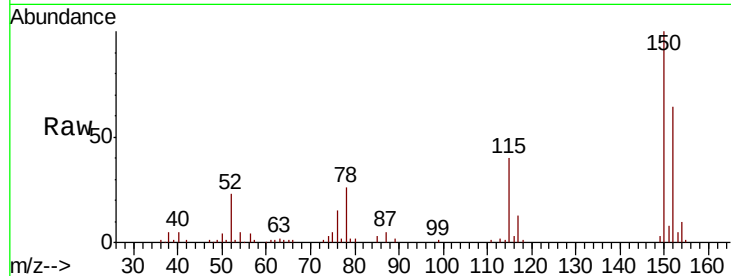


#1

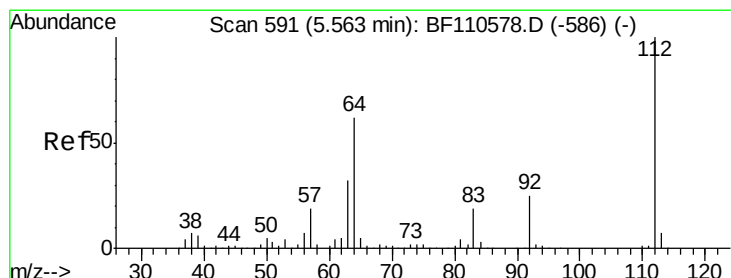
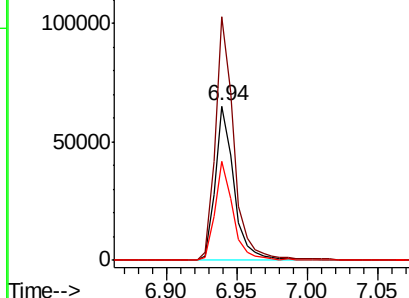
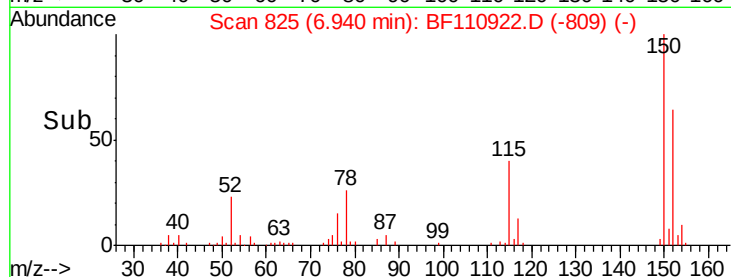
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110922.D
Acq: 21 Nov 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 60306
Ion Ratio Lower Upper
152 100
150 157.5 122.7 184.1
115 63.7 49.1 73.7



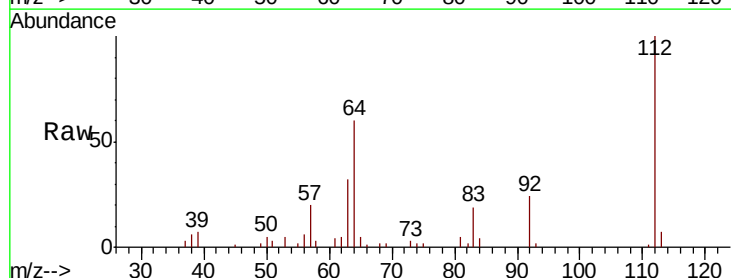
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



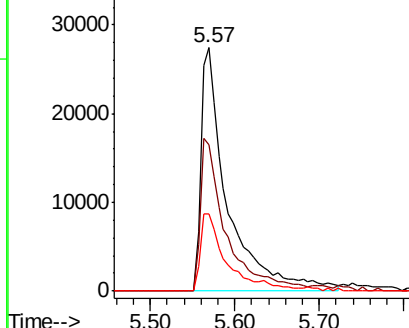
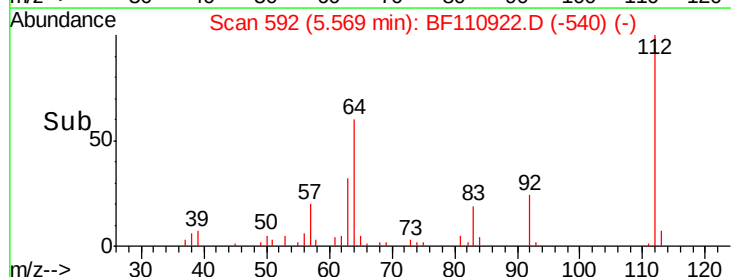
#5

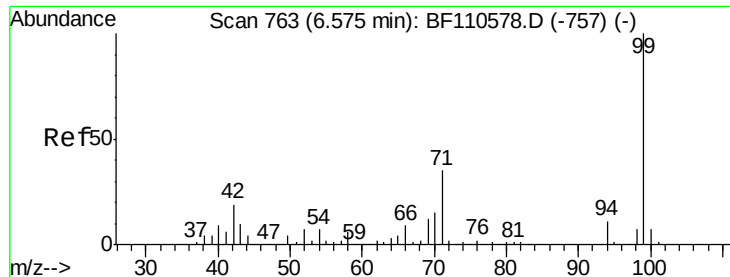
2-Fluorophenol
Concen: 16.036 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110922.D
Acq: 21 Nov 2018 12:25

Tgt Ion:112 Resp: 59537
Ion Ratio Lower Upper
112 100
64 60.0 44.1 66.1
63 31.7 23.7 35.5



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: 10.362 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110922.D

Acq: 21 Nov 2018 12:25

Instrument :

BNA_F

ClientSampleId :

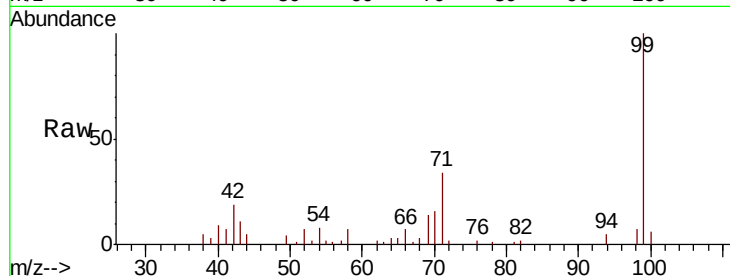
Tot Ion: 99 Resp: 49194

Ion Ratio Lower Upper

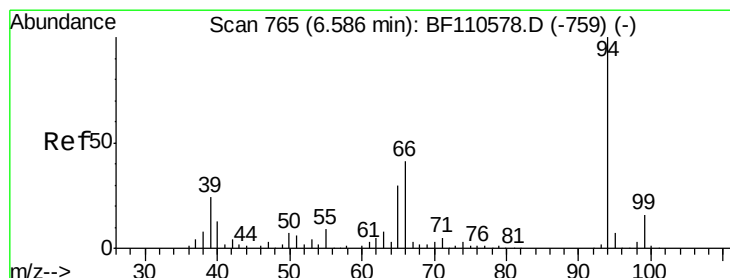
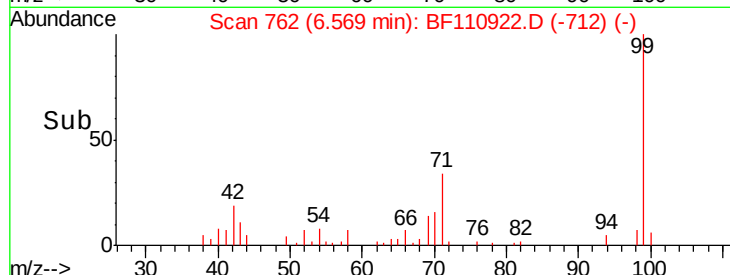
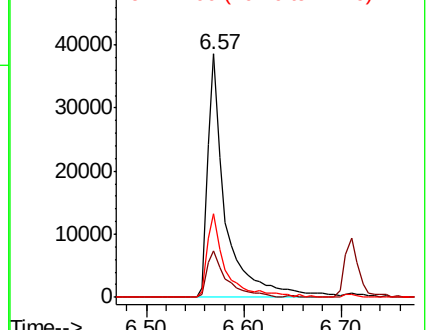
99 100

42 19.3 15.8 23.6

71 34.4 28.0 42.0



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



#10

Phenol

Concen: 12.922 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110922.D

Acq: 21 Nov 2018 12:25

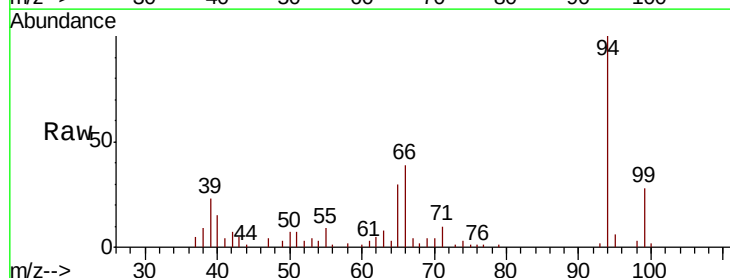
Tgt Ion: 94 Resp: 71139

Ion Ratio Lower Upper

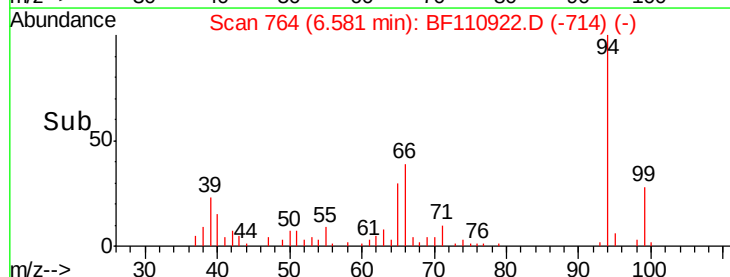
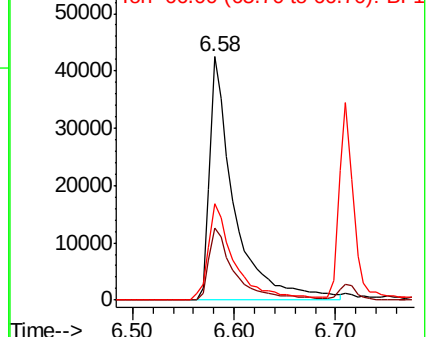
94 100

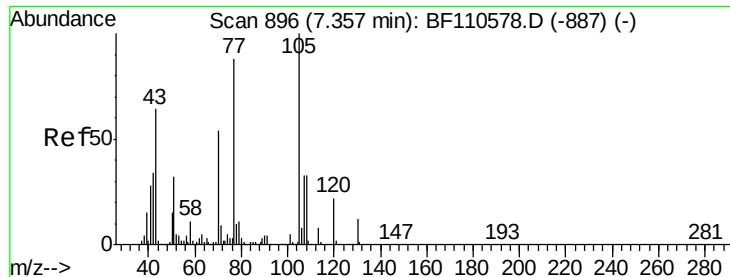
65 29.5 25.3 65.3

66 39.4 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

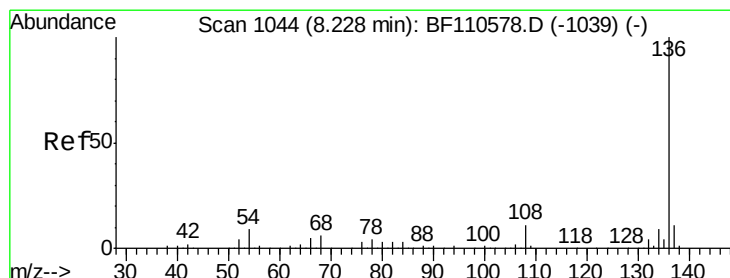
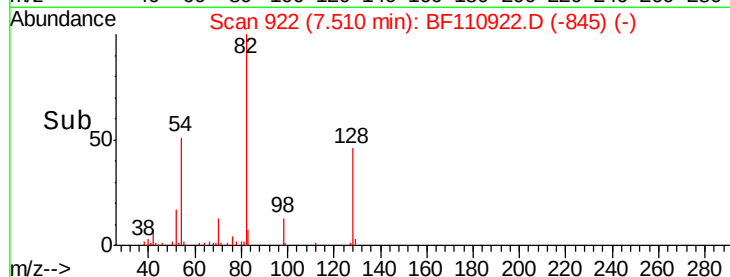
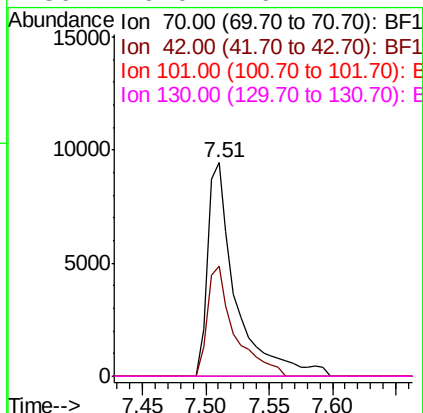
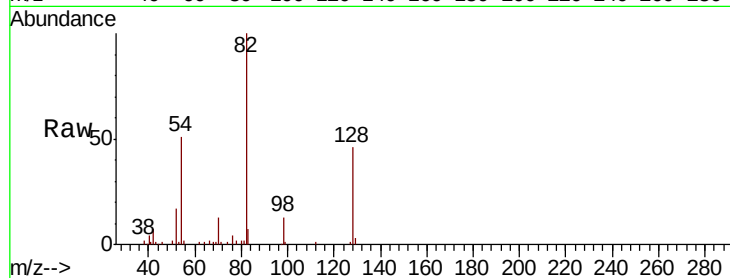




#19
n-Nitroso-di-n-propylamine
Concen: 4.841 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110922.D
Acq: 21 Nov 2018 12:25

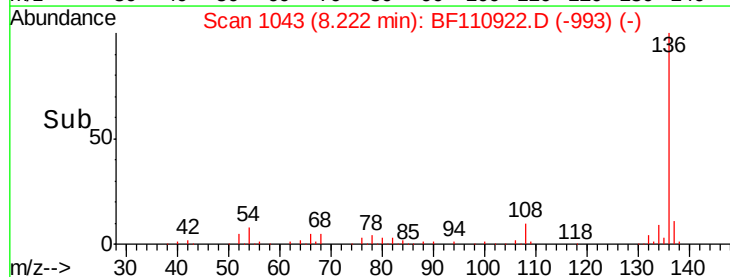
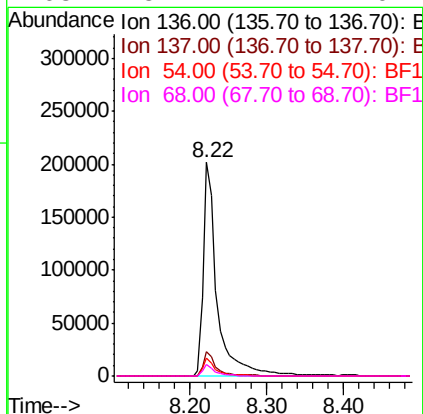
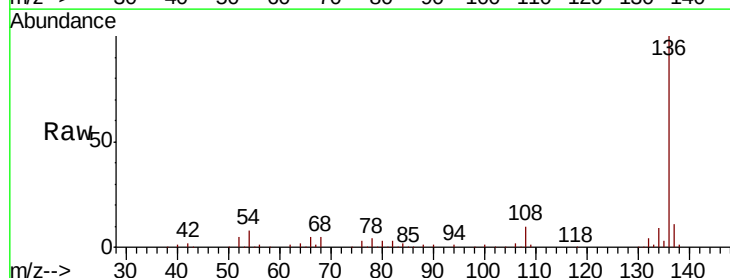
Instrument :
BNA_F
ClientSampled :

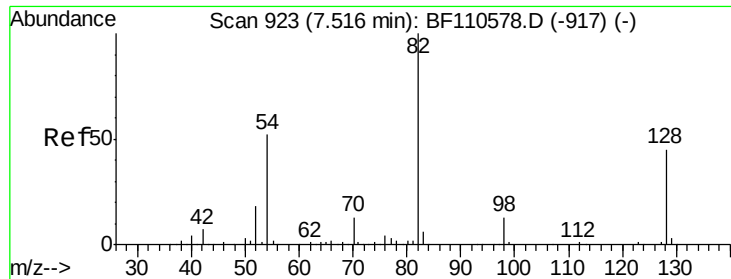
Tot Ion: 70 Resp: 14670
Ion Ratio Lower Upper
70 100
42 51.3 47.4 71.2
101 0.0 7.3 10.9#
130 0.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110922.D
Acq: 21 Nov 2018 12:25

Tgt Ion:136 Resp: 254674
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.3 5.4 8.2#
68 5.2 4.2 6.2

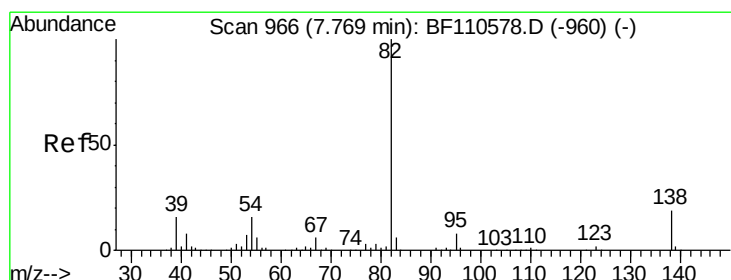
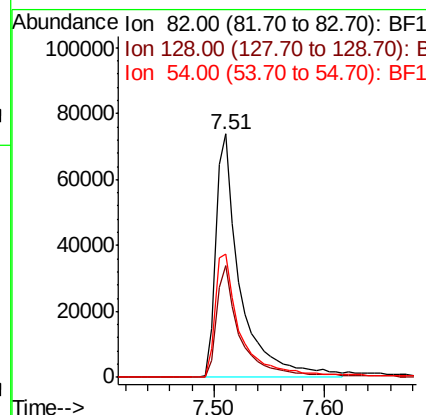
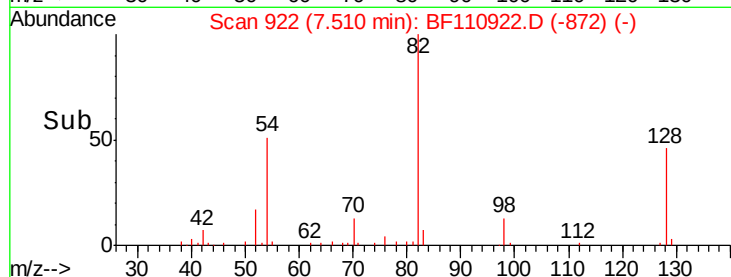
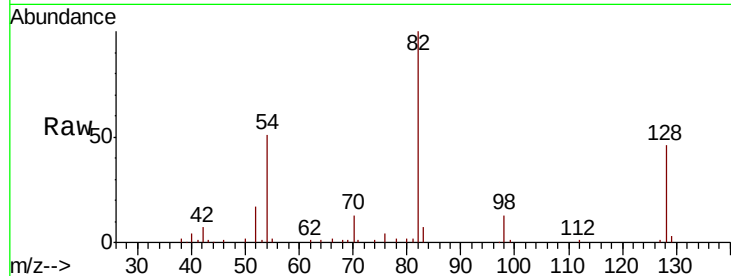




#23
Nitrobenzene-d5
Concen: 25.258 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110922.D
Acq: 21 Nov 2018 12:25

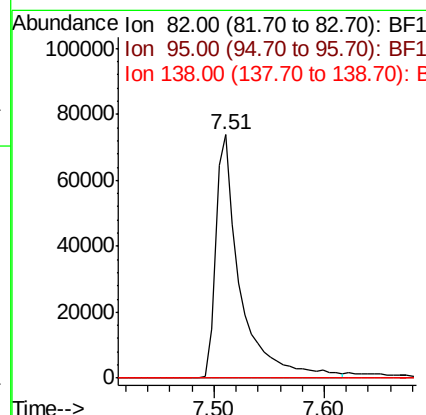
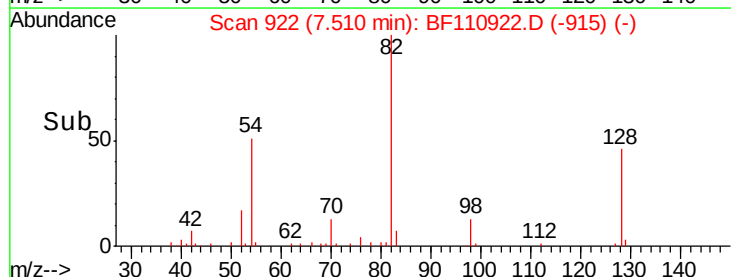
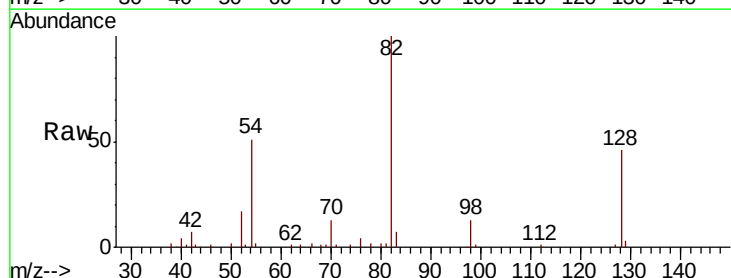
Instrument :
BNA_F
ClientSampled :

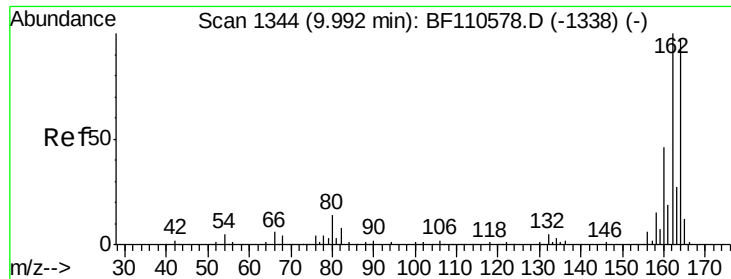
Tot Ion	82	Resp	111696
Ion Ratio	100	Lower	Upper
128	45.7	34.2	51.2
54	50.7	38.6	58.0



#25
Isophorone
Concen: 15.410 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110922.D
Acq: 21 Nov 2018 12:25

Tgt Ion	82	Resp	111696
Ion Ratio	100	Lower	Upper
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110922.D

Acq: 21 Nov 2018 12:25

Instrument :

BNA_F

ClientSampleId :

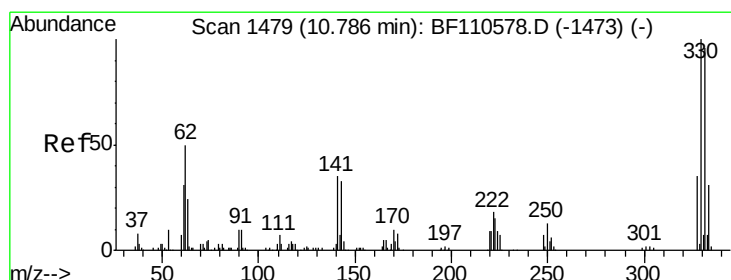
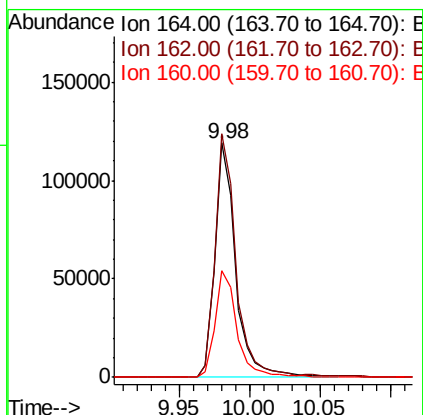
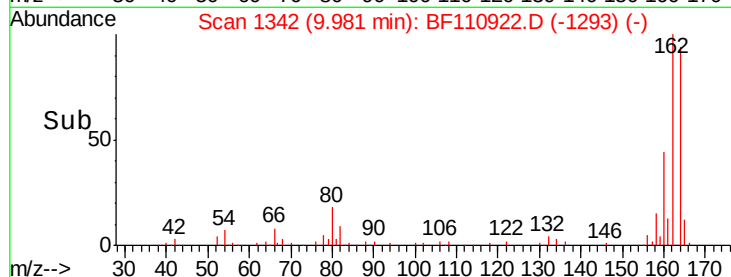
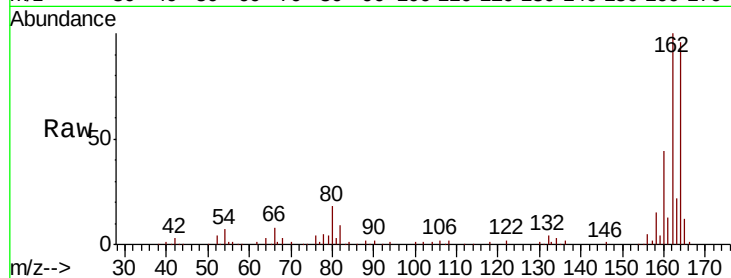
Tot Ion:164 Resp: 121773

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

160 45.5 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 32.826 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110922.D

Acq: 21 Nov 2018 12:25

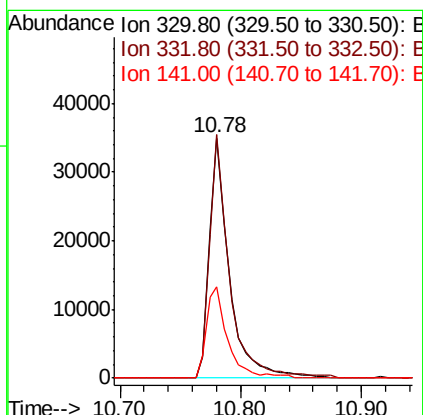
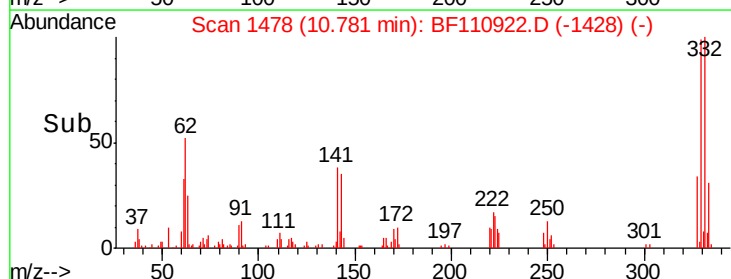
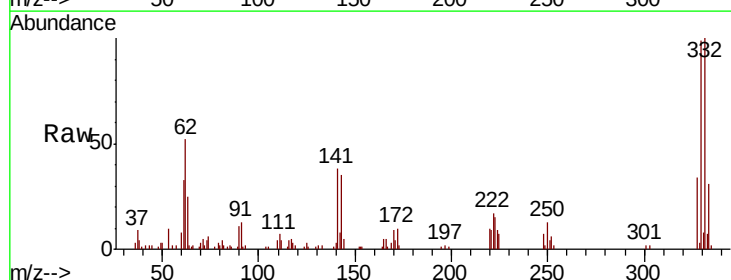
Tgt Ion:330 Resp: 40278

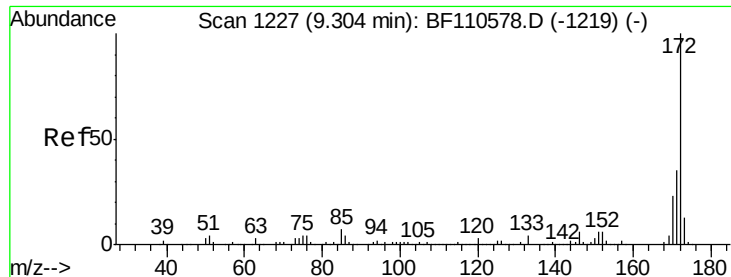
Ion Ratio Lower Upper

330 100

332 100.0 77.1 115.7

141 40.1 27.0 40.4

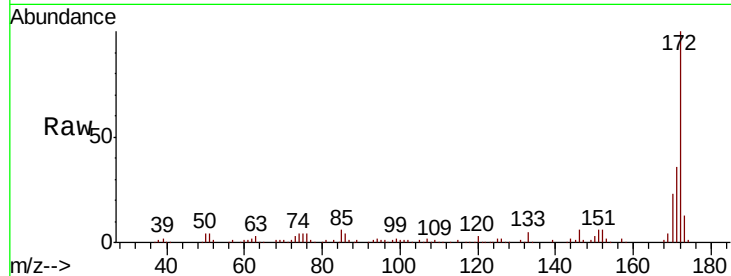




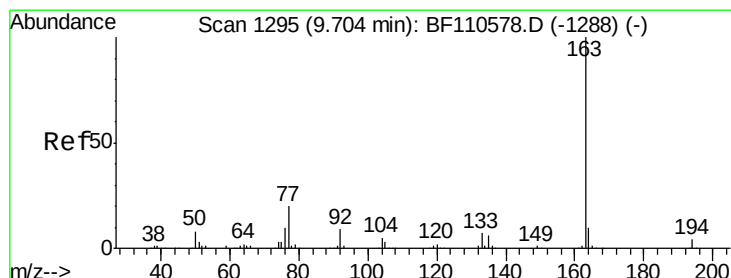
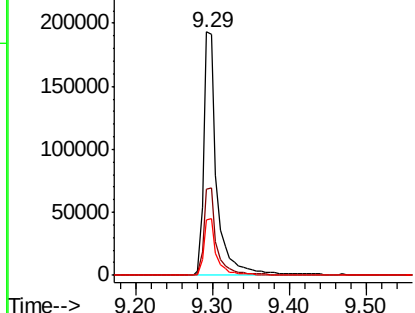
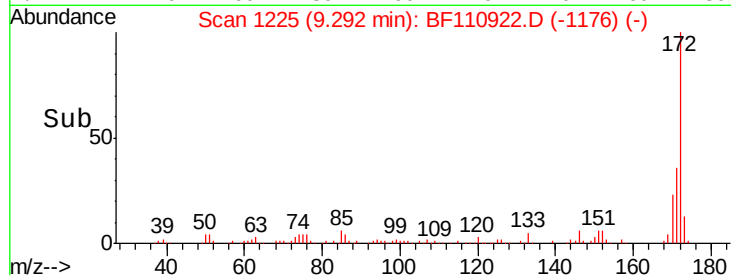
#45
 2-Fluorobiphenyl
 Concen: 27.069 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF110922.D
 Acq: 21 Nov 2018 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 230804
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.0 19.7 29.5

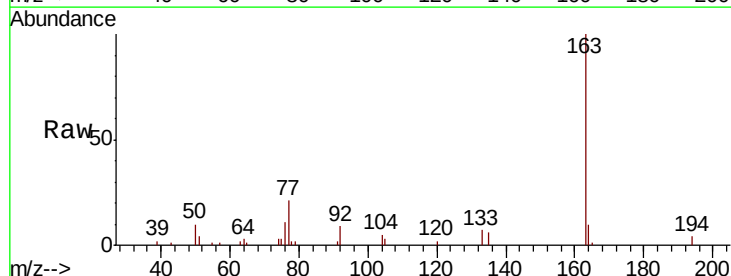


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

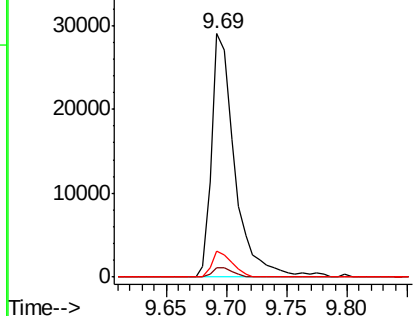
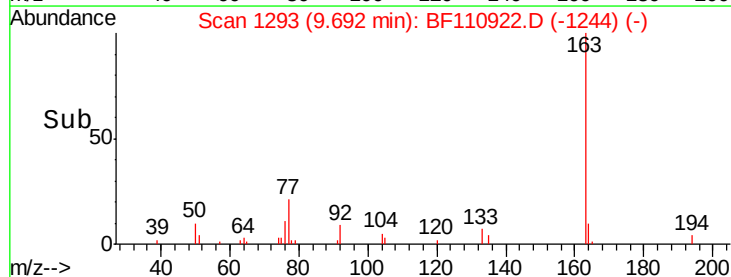


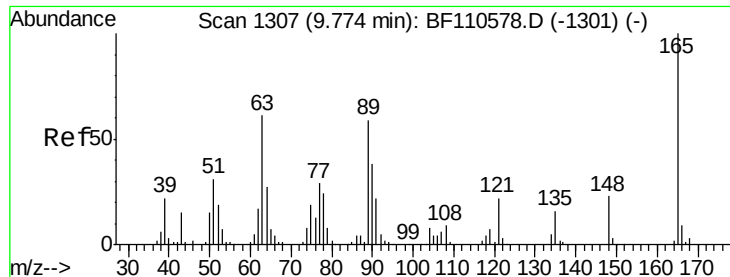
#50
 Dimethylphthalate
 Concen: 4.234 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF110922.D
 Acq: 21 Nov 2018 12:25

Tgt Ion:163 Resp: 38472
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.2 4.8
 164 10.5 8.1 12.1



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

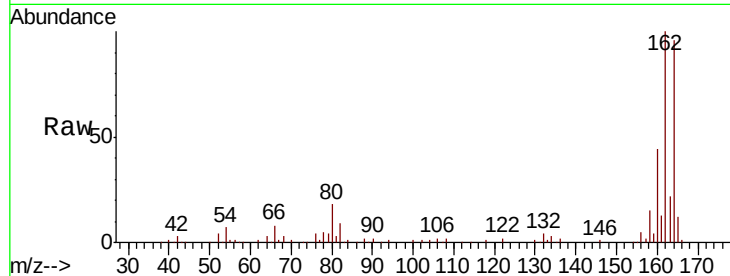




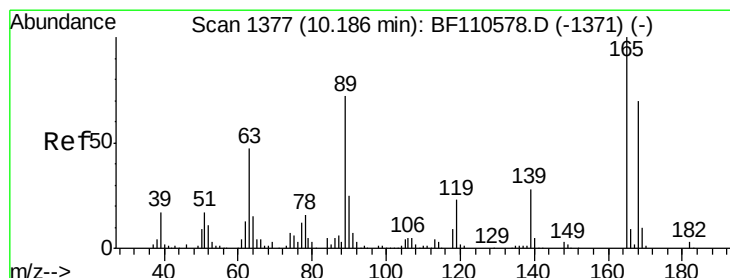
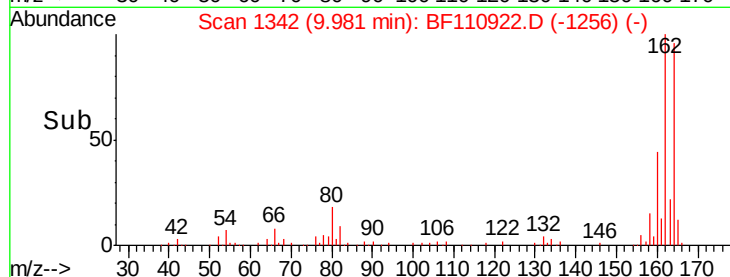
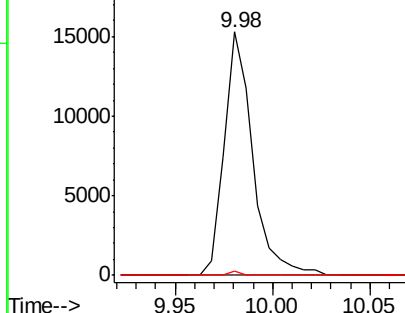
#51
 2,6-Dinitrotoluene
 Concen: 7.730 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110922.D
 Acq: 21 Nov 2018 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	2.0	46.6	69.8#



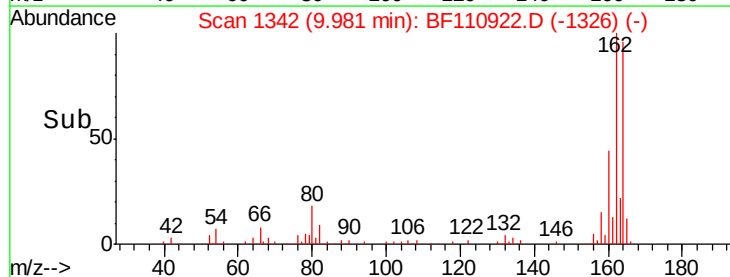
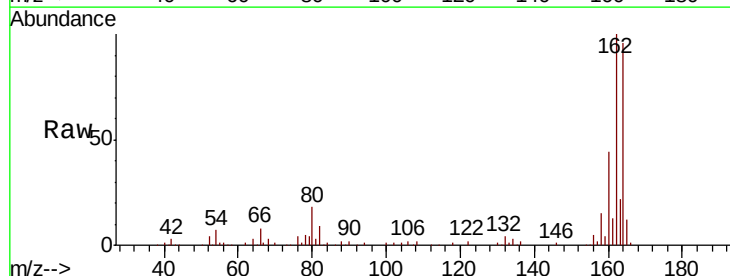
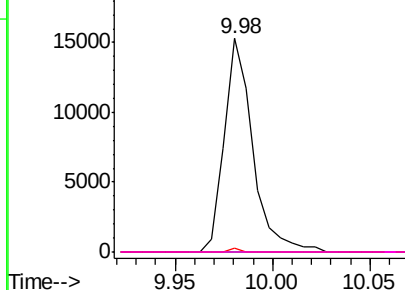
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

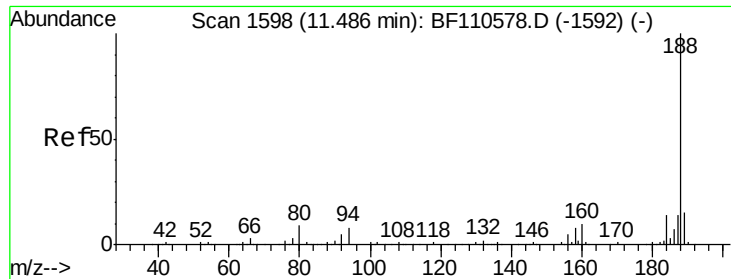


#57
 2,4-Dinitrotoluene
 Concen: 5.945 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110922.D
 Acq: 21 Nov 2018 12:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	2.0	62.2	93.4#
182	0.0	2.1	3.1#

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

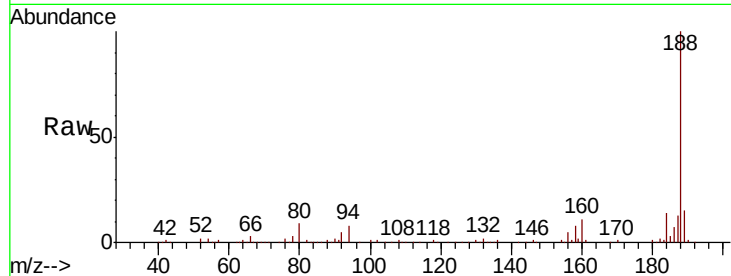




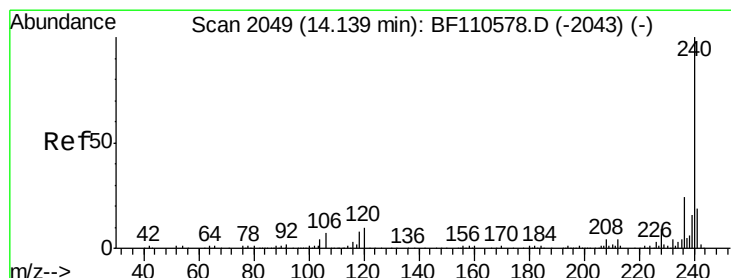
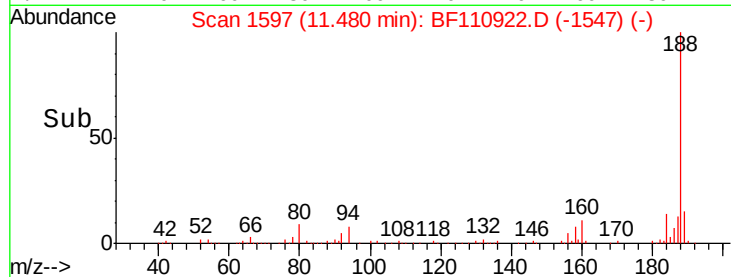
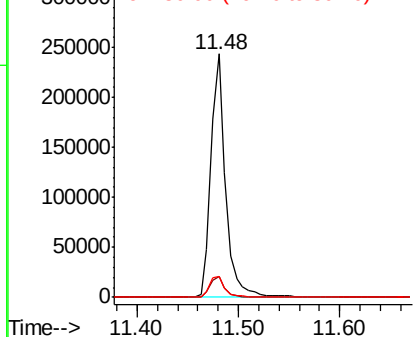
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110922.D
Acq: 21 Nov 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 245629
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 8.8 7.9 11.9

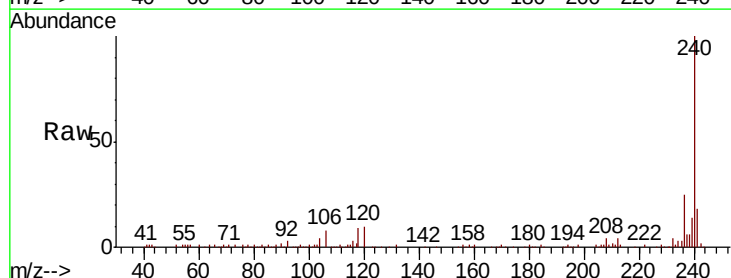


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

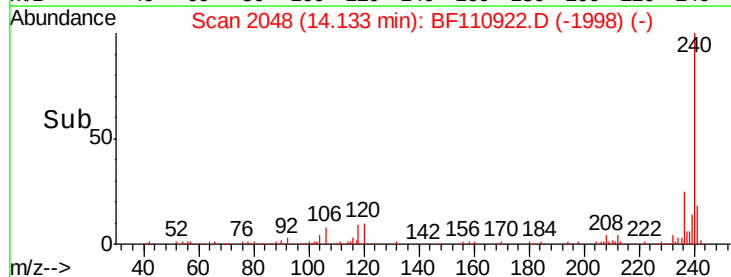
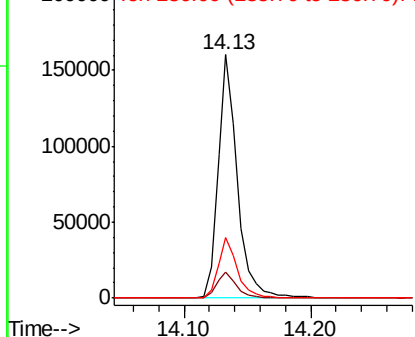


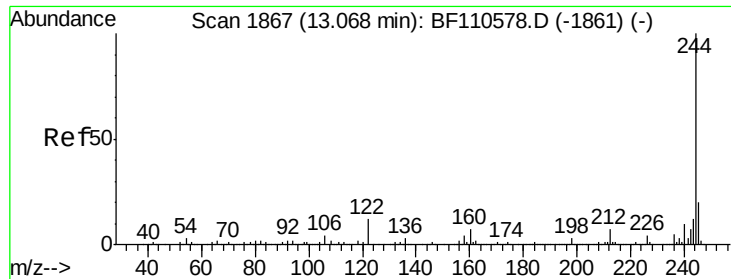
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110922.D
Acq: 21 Nov 2018 12:25

Tgt Ion:240 Resp: 169355
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 25.0 21.2 31.8



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: 27.183 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110922.D

Acq: 21 Nov 2018 12:25

Instrument :

BNA_F

ClientSampleId :

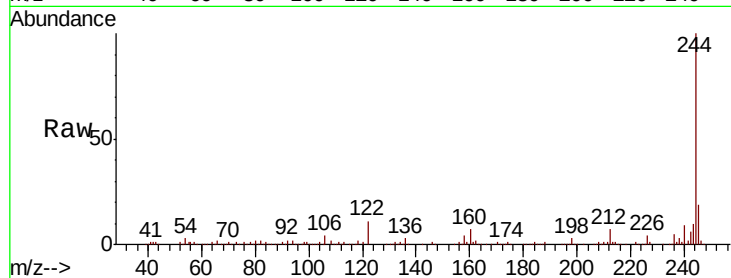
Tot Ion:244 Resp: 245821

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

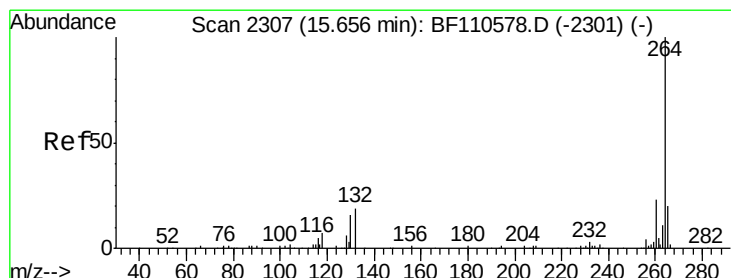
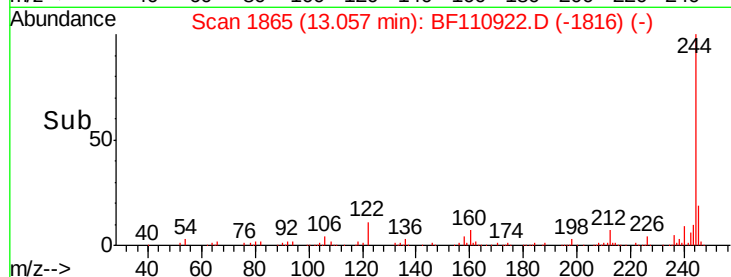
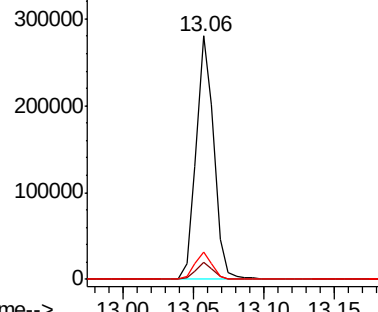
122 11.2 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110922.D

Acq: 21 Nov 2018 12:25

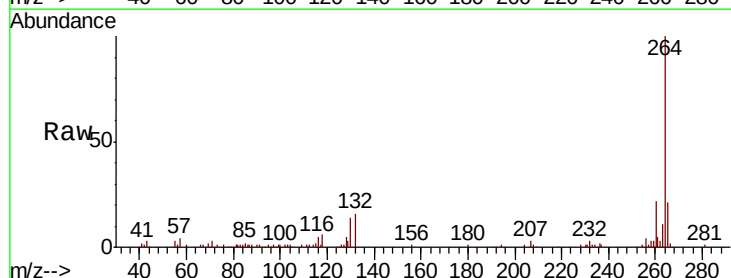
Tgt Ion:264 Resp: 126685

Ion Ratio Lower Upper

264 100

260 22.2 18.7 28.1

265 20.7 16.7 25.1



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

