

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110662.D
 Acq On : 10 Nov 2018 7:35
 Operator : JU/SJ
 Sample : J5881-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:27:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

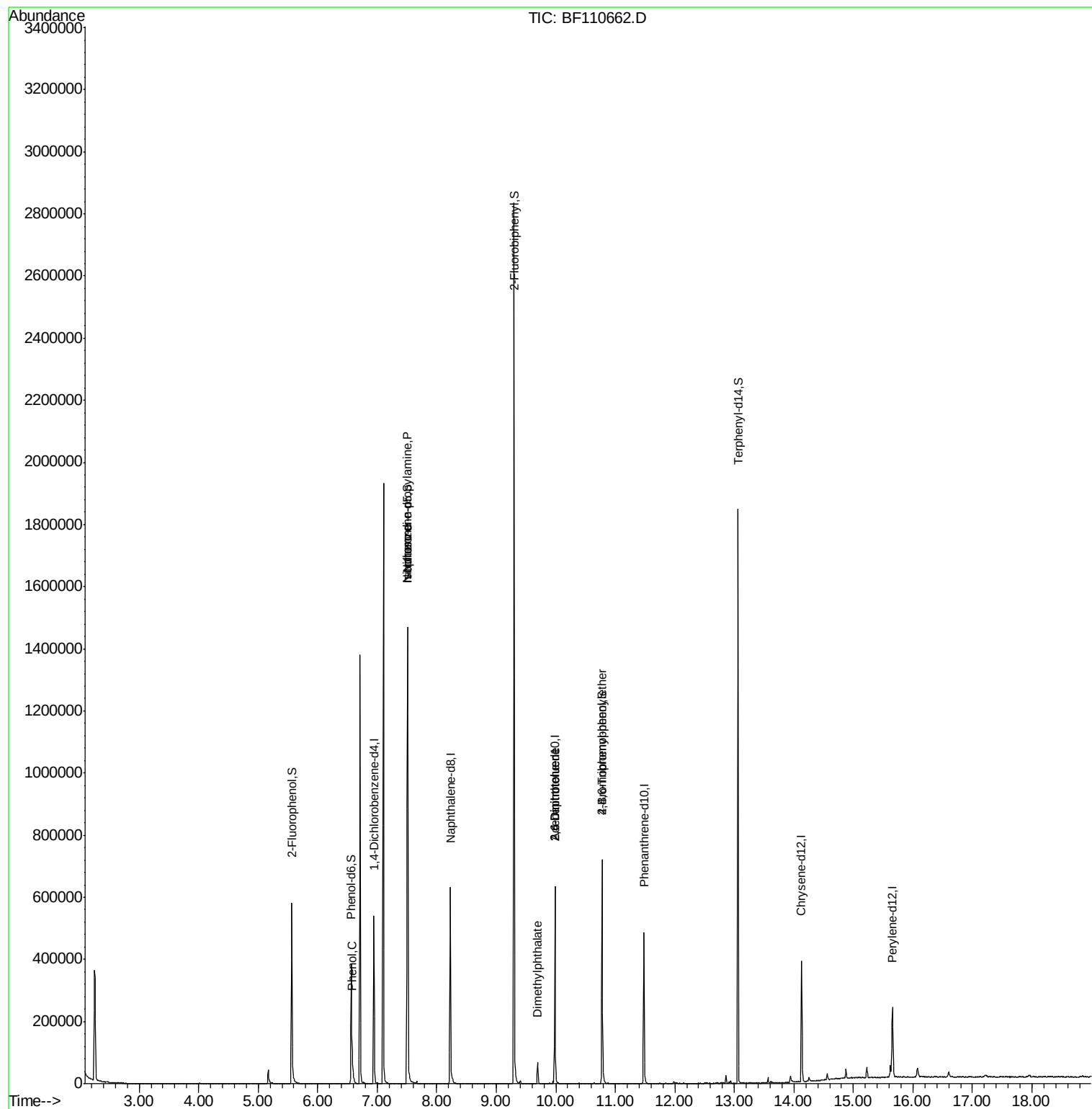
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	77812	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	316394	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	133052	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	200007	20.00	ng	0.00
76) Chrysene-d12	14.13	240	149947	20.00	ng	-0.01
87) Perylene-d12	15.66	264	111802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	179151	37.40	ng	0.00
7) Phenol-d6	6.56	99	135119	22.06	ng	-0.01
23) Nitrobenzene-d5	7.51	82	528395	96.18	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	91874	68.53	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	950133	101.99	ng	0.00
79) Terphenyl-d14	13.06	244	578269	72.22	ng	0.00
Target Compounds						
10) Phenol	6.58	94	29459	4.147	ng	# 70
19) n-Nitroso-di-n-propylamine	7.51	70	69767	17.842	ng	# 81
25) Isophorone	7.51	82	528392	58.680	ng	# 67
50) Dimethylphthalate	9.69	163	33285	3.353	ng	# 99
51) 2,6-Dinitrotoluene	9.99	165	16663	7.630	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	16663	5.868	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	5745	2.599	ng	# 1

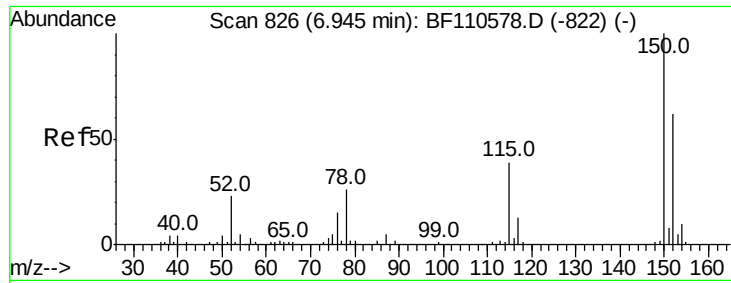
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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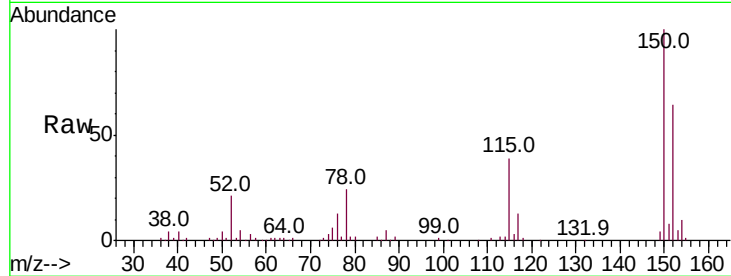


#1

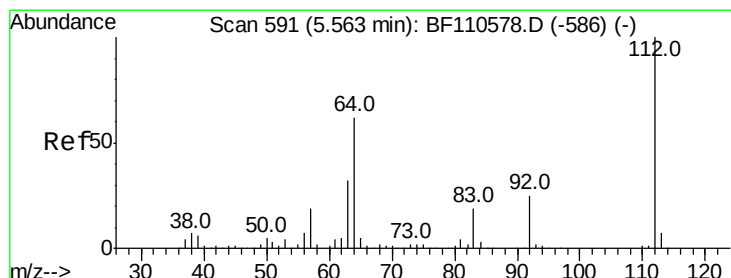
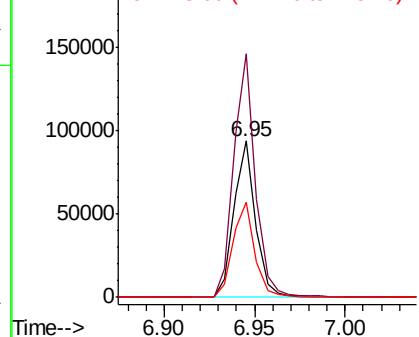
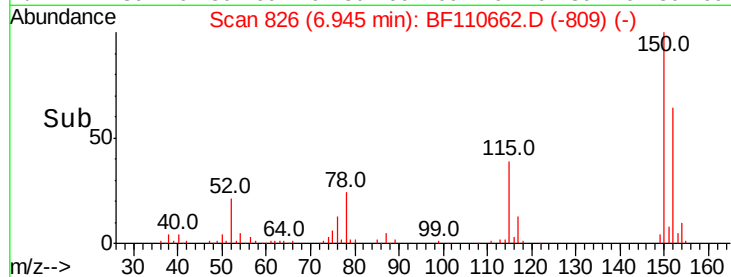
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110662.D
Acq: 10 Nov 2018 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77812
Ion Ratio Lower Upper
152 100
150 155.7 122.7 184.1
115 60.9 49.1 73.7



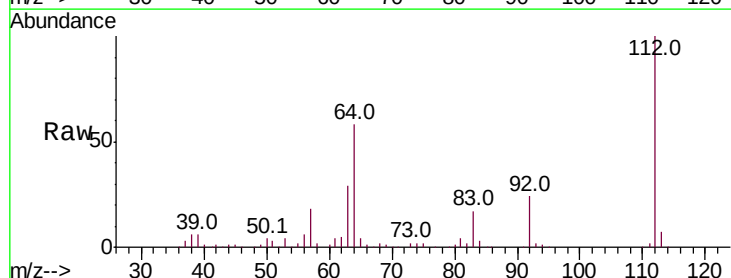
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



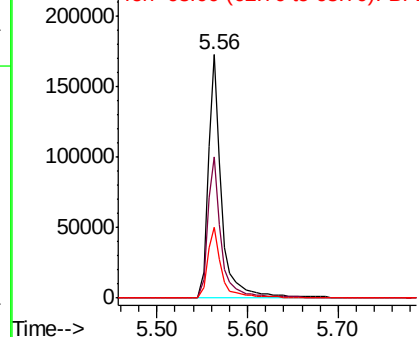
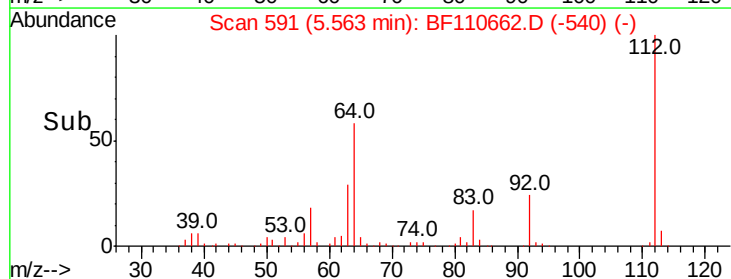
#5

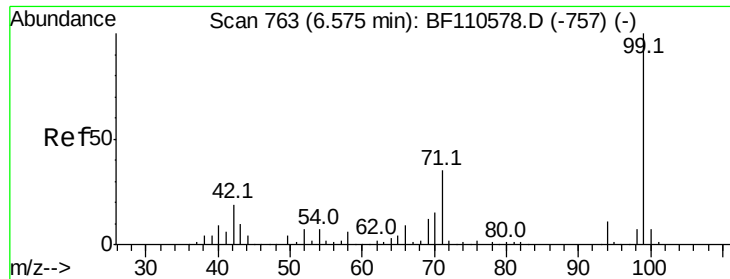
2-Fluorophenol
Concen: 37.398 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110662.D
Acq: 10 Nov 2018 7:35

Tgt Ion:112 Resp: 179151
Ion Ratio Lower Upper
112 100
64 57.9 44.1 66.1
63 29.3 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: 22.057 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110662.D

Acq: 10 Nov 2018 7:35

Instrument :

BNA_F

ClientSampleId :

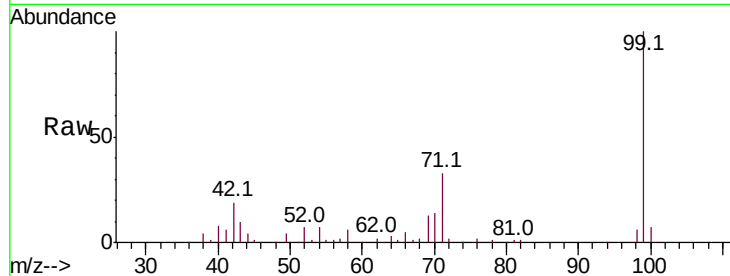
Tot Ion: 99 Resp: 135119

Ion Ratio Lower Upper

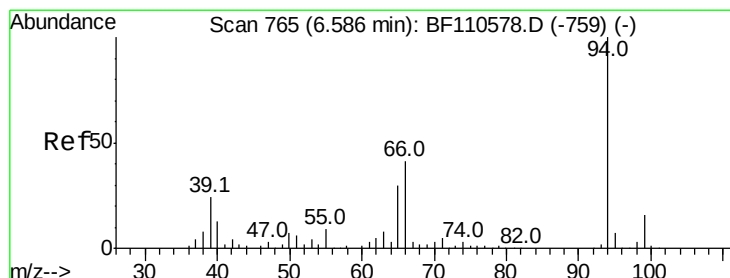
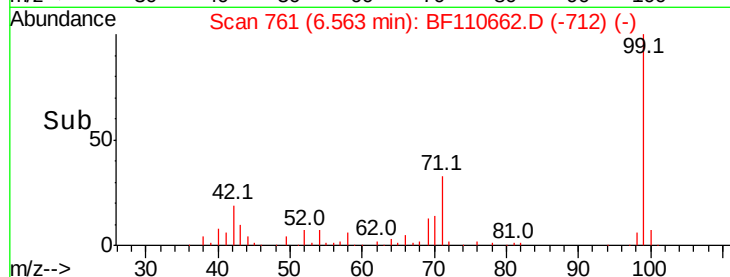
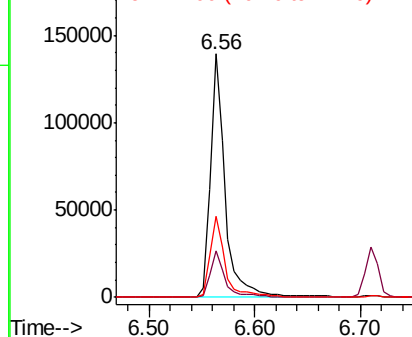
99 100

42 19.1 15.8 23.6

71 33.1 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: 4.147 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110662.D

Acq: 10 Nov 2018 7:35

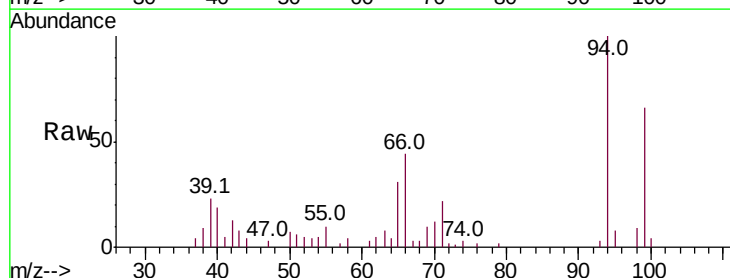
Tgt Ion: 94 Resp: 29459

Ion Ratio Lower Upper

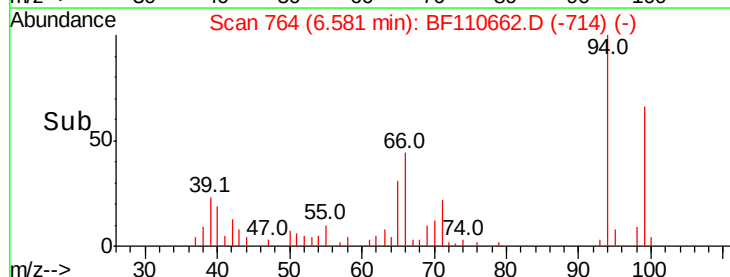
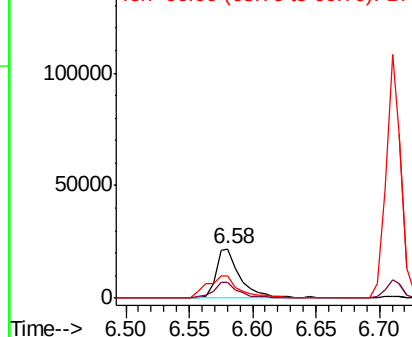
94 100

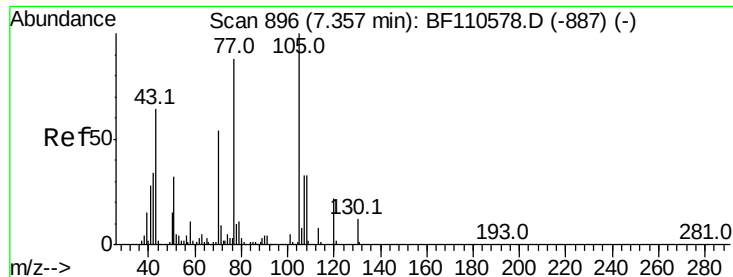
65 31.5 25.3 65.3

66 44.0 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

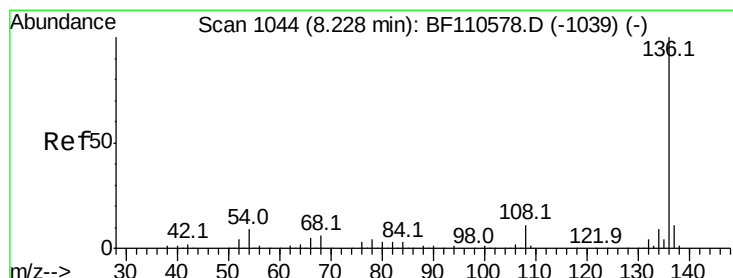
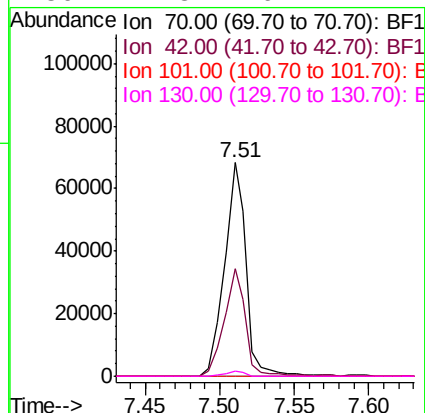
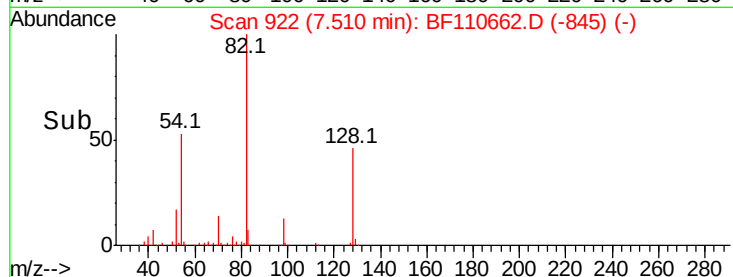
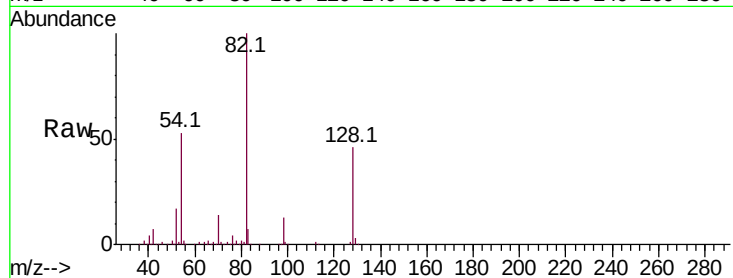




#19
n-Nitroso-di-n-propylamine
Concen: 17.842 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110662.D
Acq: 10 Nov 2018 7:35

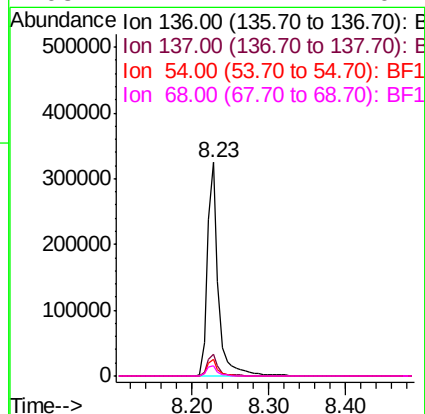
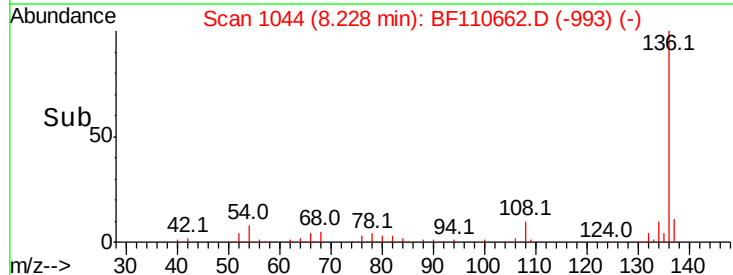
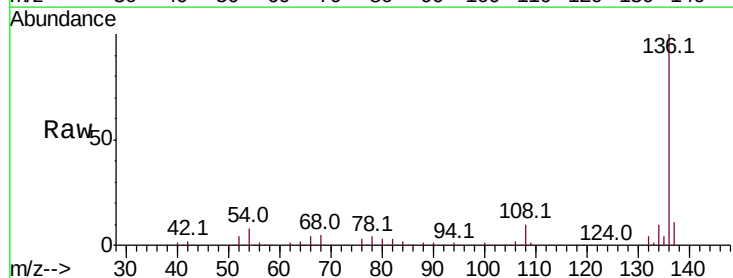
Instrument :
BNA_F
ClientSampleId :

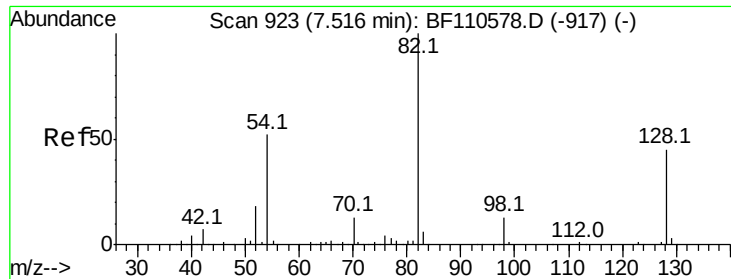
Tot Ion: 70 Resp: 69767
Ion Ratio Lower Upper
70 100
42 50.5 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110662.D
Acq: 10 Nov 2018 7:35

Tgt Ion: 136 Resp: 316394
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.6 5.4 8.2
68 4.7 4.2 6.2

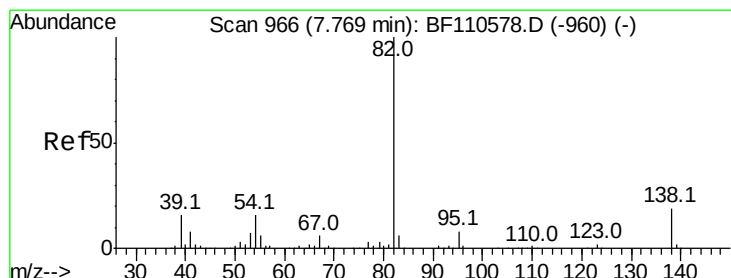
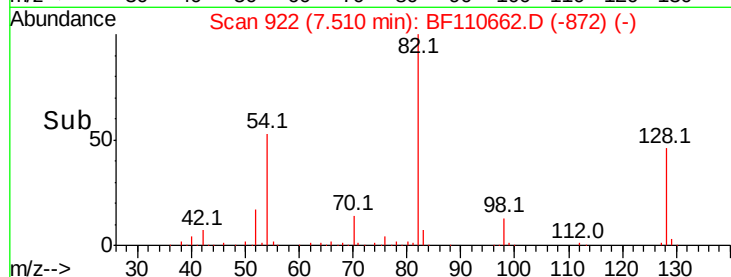
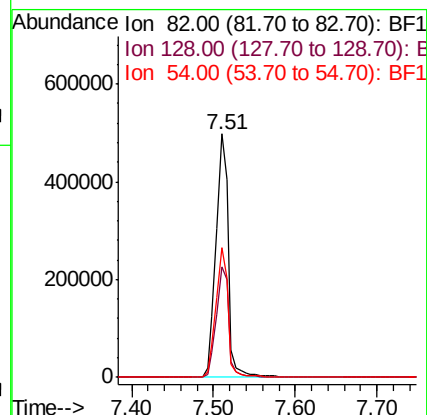
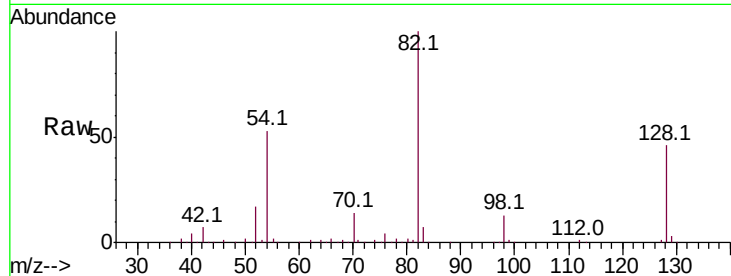




#23
 Nitrobenzene-d5
 Concen: 96.178 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110662.D
 Acq: 10 Nov 2018 7:35

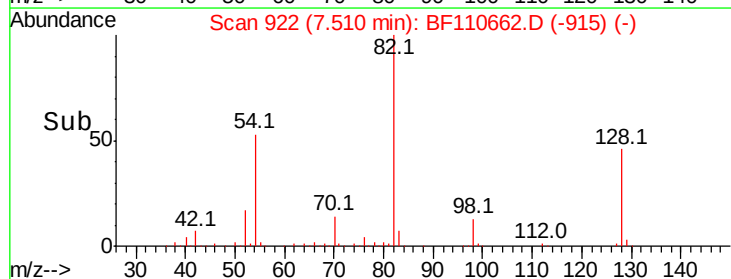
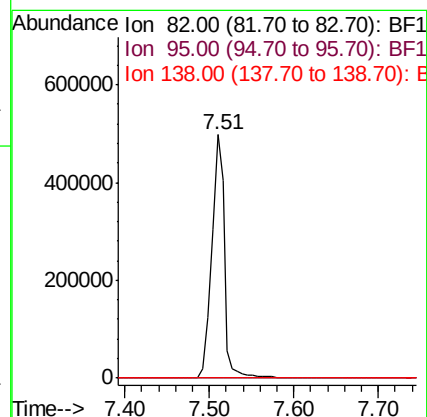
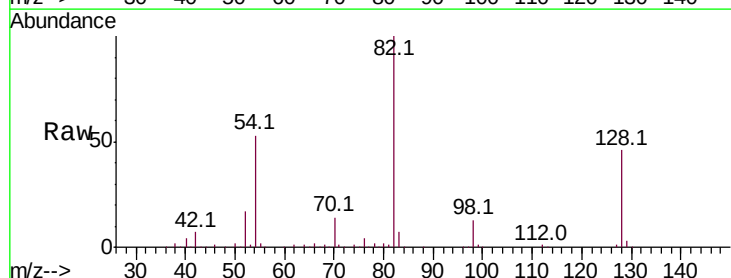
Instrument :
 BNA_F
 ClientSampleId :

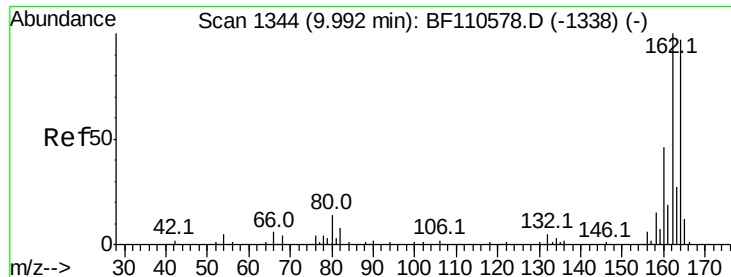
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.2	51.2
54	53.3	38.6	58.0



#25
 Isophorone
 Concen: 58.680 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF110662.D
 Acq: 10 Nov 2018 7:35

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

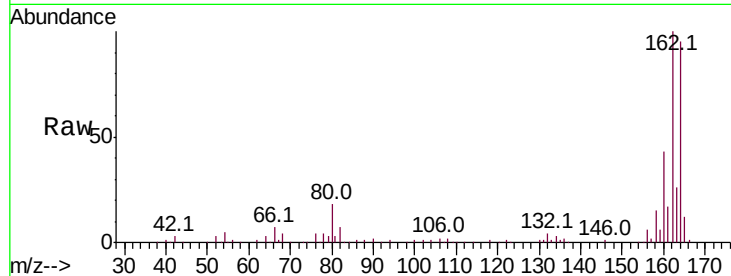




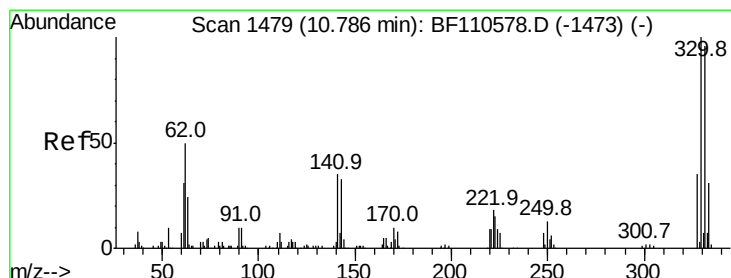
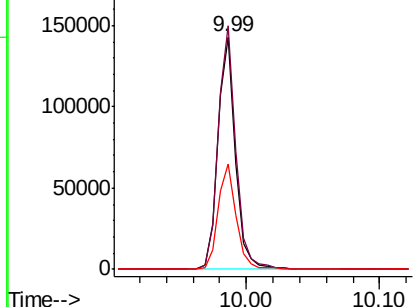
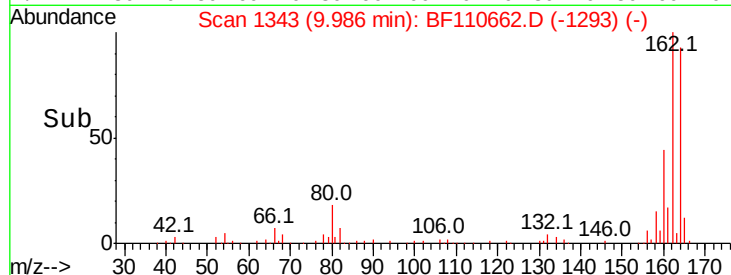
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF110662.D
 Acq: 10 Nov 2018 7:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 133052
 Ion Ratio Lower Upper
 164 100
 162 104.9 83.0 124.6
 160 45.6 37.0 55.6

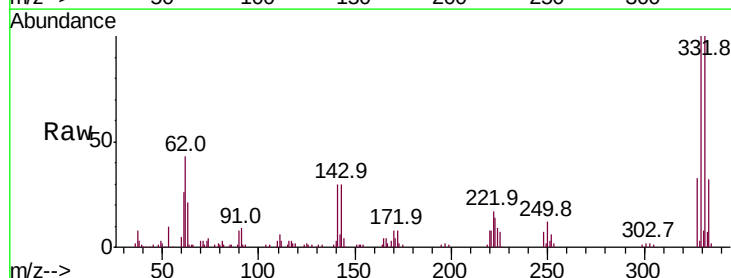


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

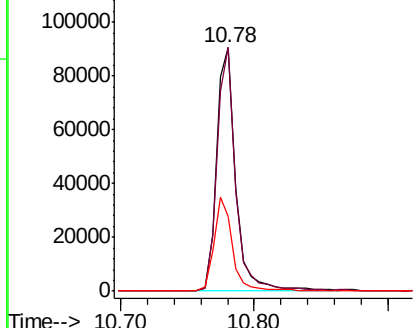
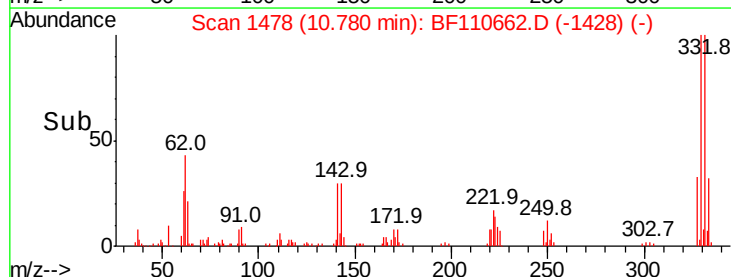


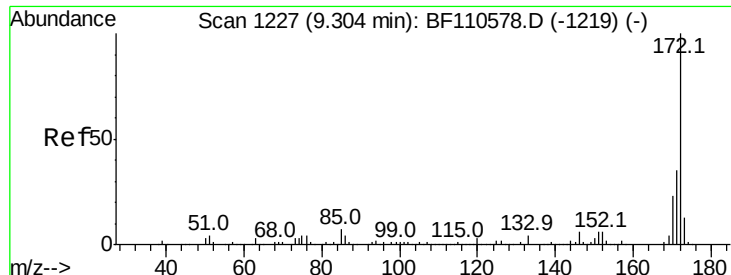
#42
 2,4,6-Tribromophenol
 Concen: 68.529 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110662.D
 Acq: 10 Nov 2018 7:35

Tgt Ion:330 Resp: 91874
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.1 115.7
 141 36.8 27.0 40.4



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

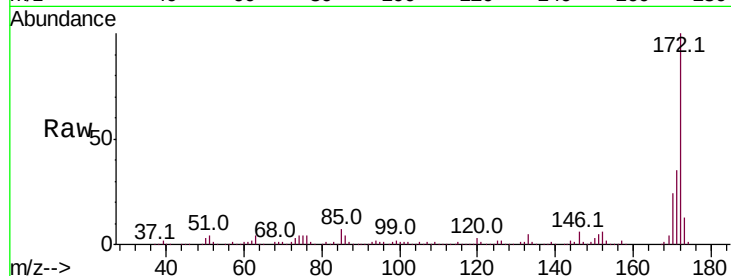




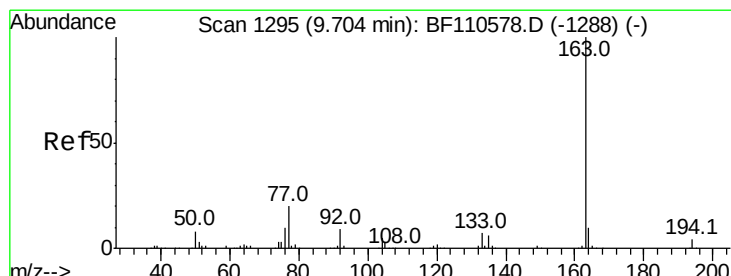
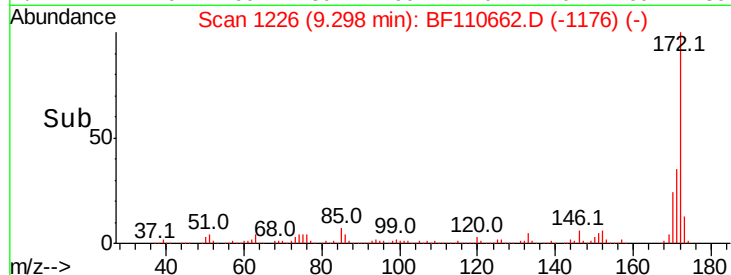
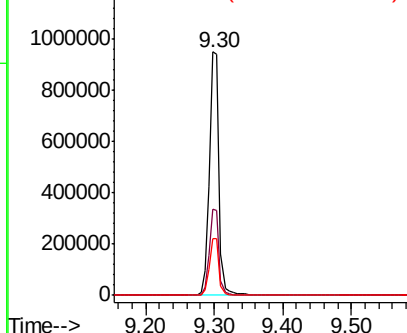
#45
2-Fluorobiphenyl
Concen: 101.987 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110662.D
Acq: 10 Nov 2018 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 950133
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.5 19.7 29.5

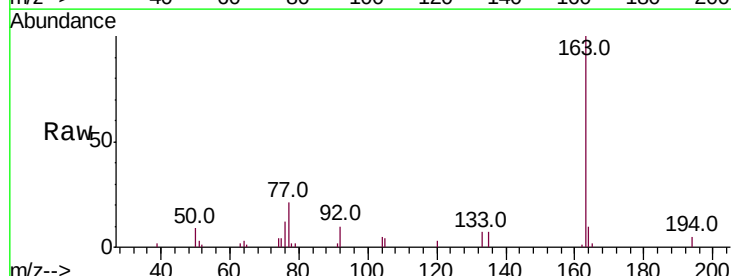


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

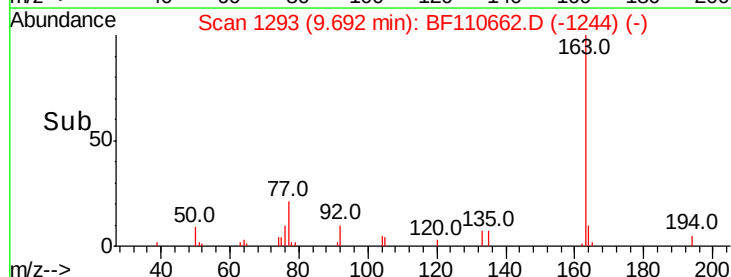
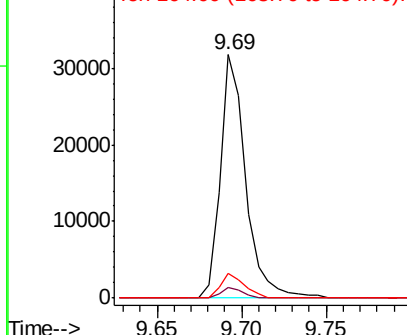


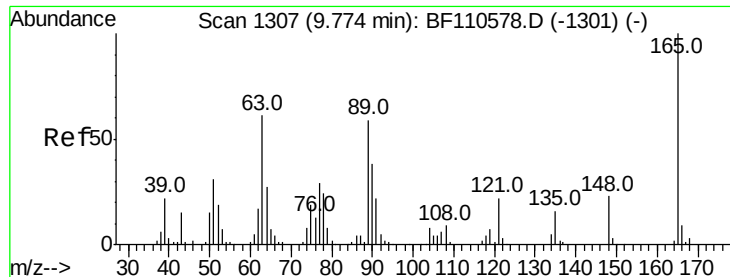
#50
Dimethylphthalate
Concen: 3.353 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110662.D
Acq: 10 Nov 2018 7:35

Tgt Ion:163 Resp: 33285
Ion Ratio Lower Upper
163 100
194 4.6 3.2 4.8
164 10.3 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

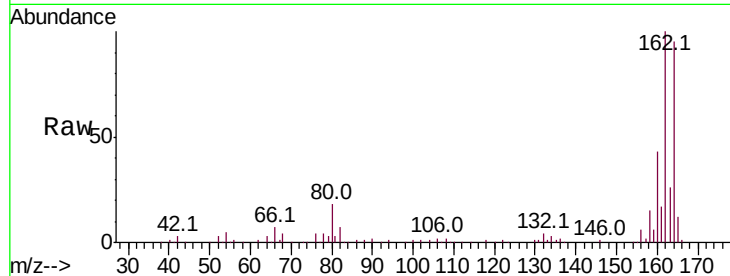




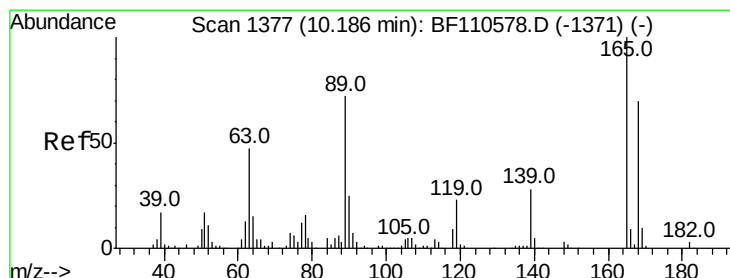
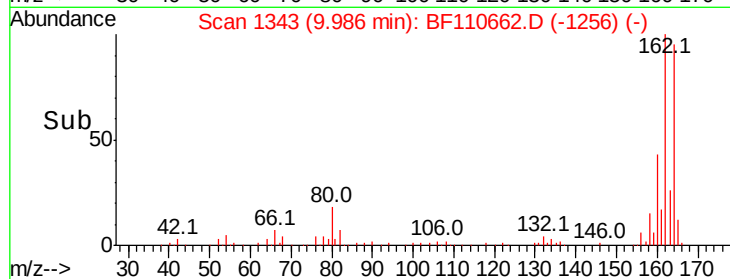
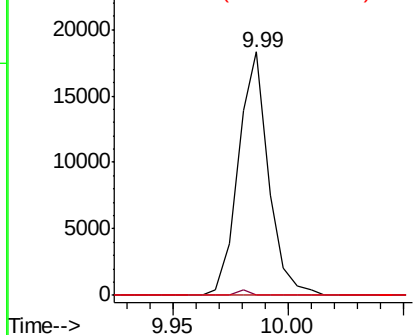
#51
 2,6-Dinitrotoluene
 Concen: 7.630 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110662.D
 Acq: 10 Nov 2018 7:35

Instrument :
 BNA_F
 ClientSampleId :

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



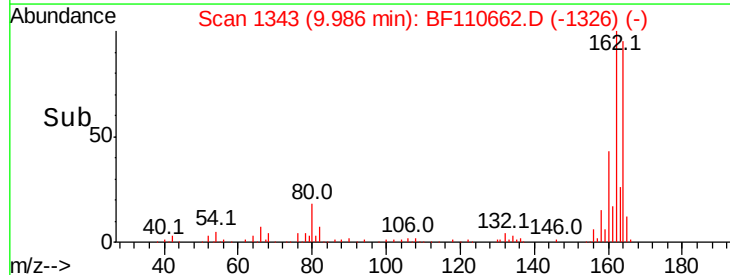
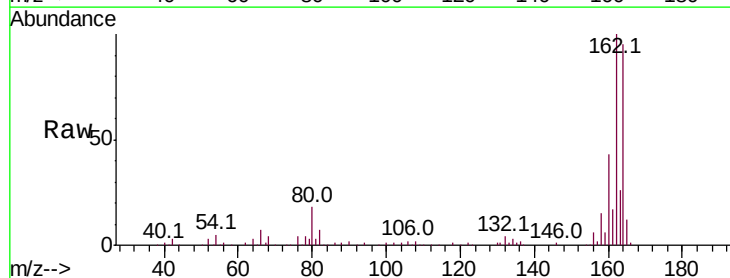
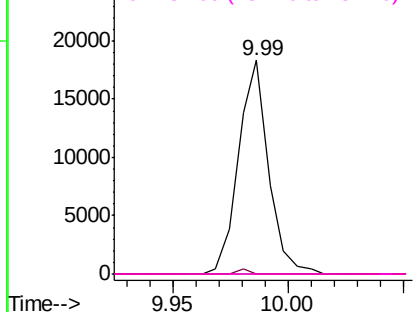
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

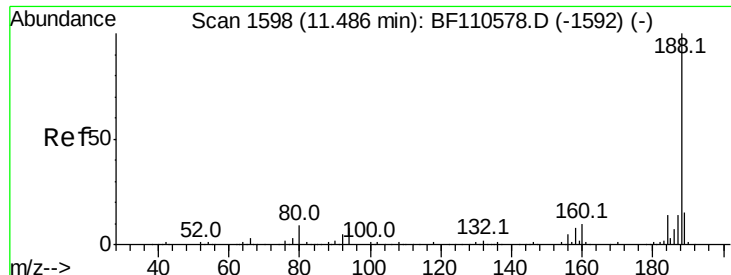


#57
 2,4-Dinitrotoluene
 Concen: 5.868 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110662.D
 Acq: 10 Nov 2018 7:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	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: BF110662.D

Acq: 10 Nov 2018 7:35

Instrument :

BNA_F

ClientSampled :

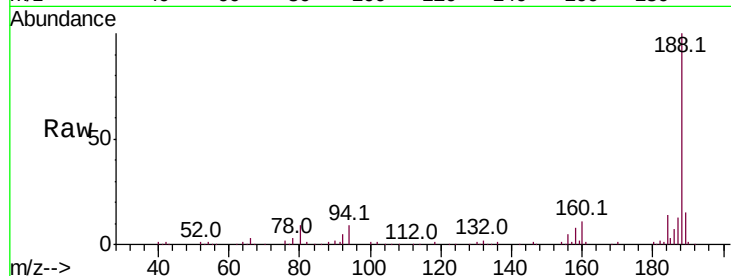
Tot Ion:188 Resp: 200007

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

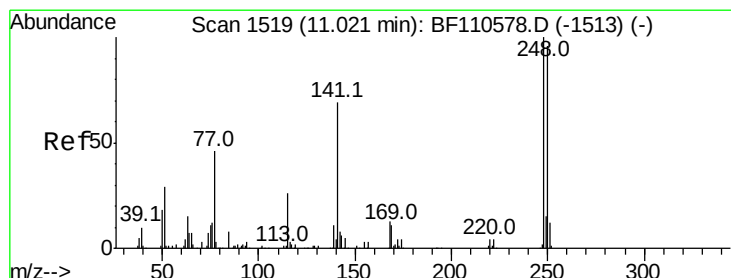
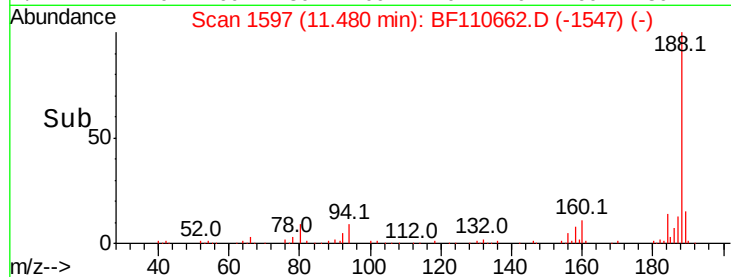
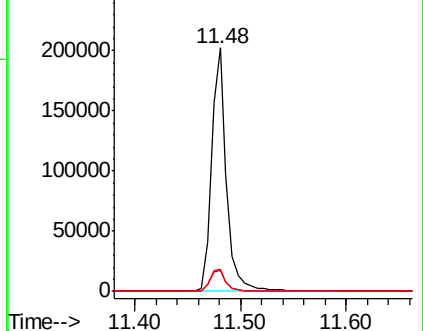
80 9.0 7.9 11.9



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



#67

4-Bromophenyl-phenylether

Concen: 2.599 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.24 min

Lab File: BF110662.D

Acq: 10 Nov 2018 7:35

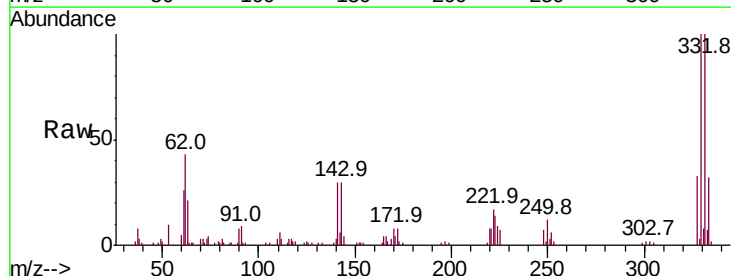
Tgt Ion:248 Resp: 5745

Ion Ratio Lower Upper

248 100

250 177.5 79.4 119.2#

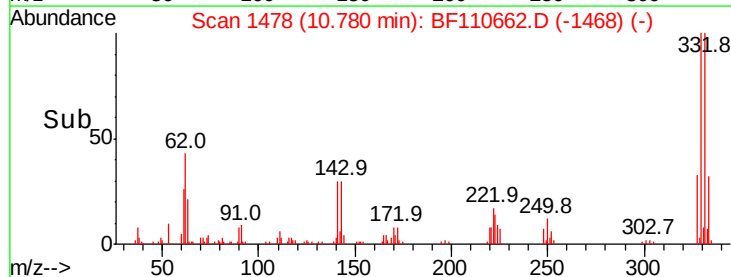
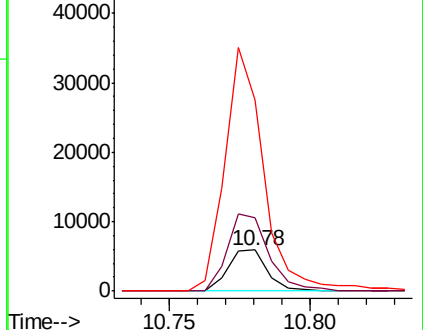
141 463.4 55.9 83.9#

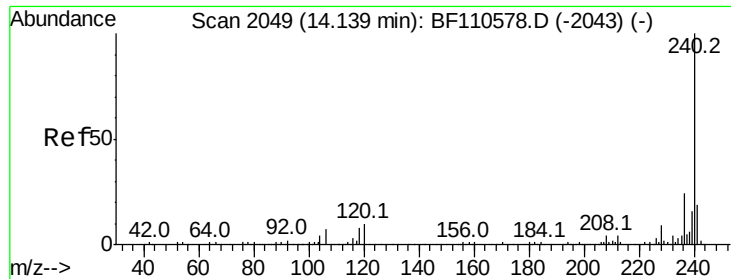


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

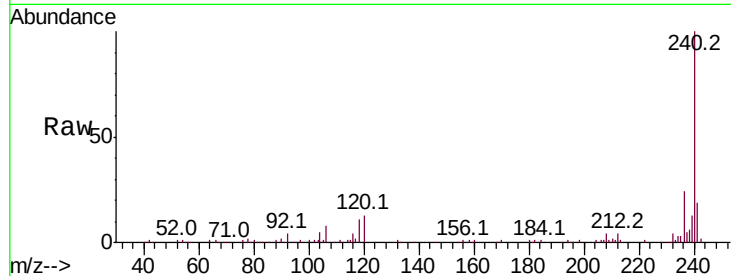




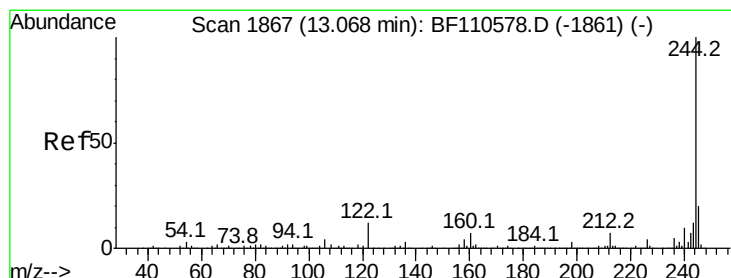
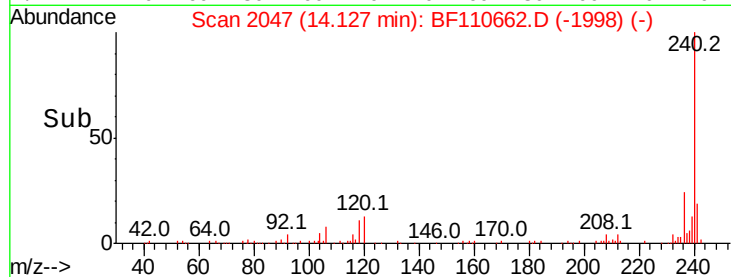
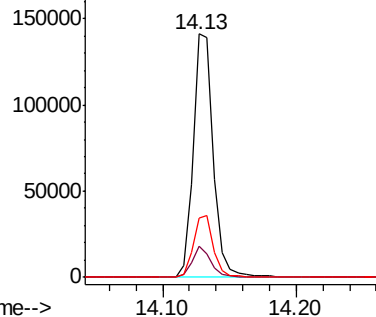
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110662.D
 Acq: 10 Nov 2018 7:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 149947
 Ion Ratio Lower Upper
 240 100
 120 12.6 8.3 12.5#
 236 24.3 21.2 31.8

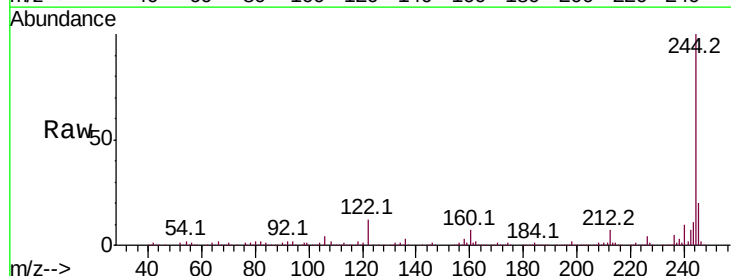


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

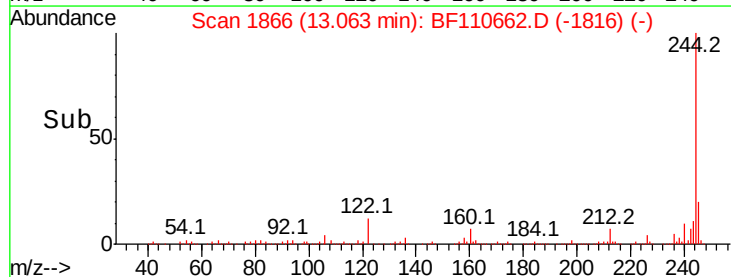
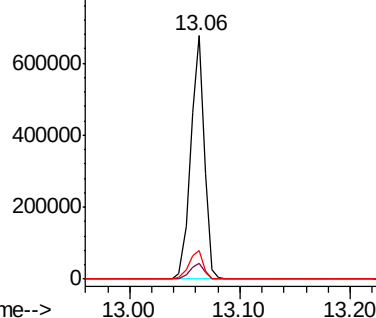


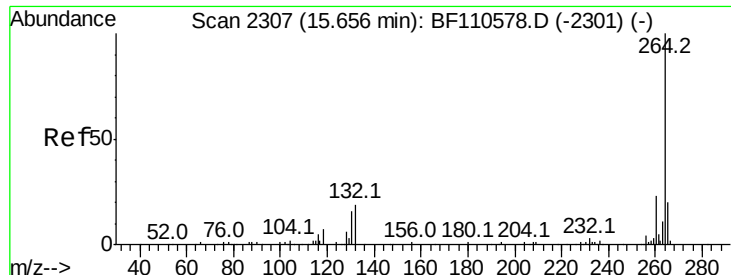
#79
 Terphenyl-d14
 Concen: 72.223 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110662.D
 Acq: 10 Nov 2018 7:35

Tgt Ion:244 Resp: 578269
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 11.8 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



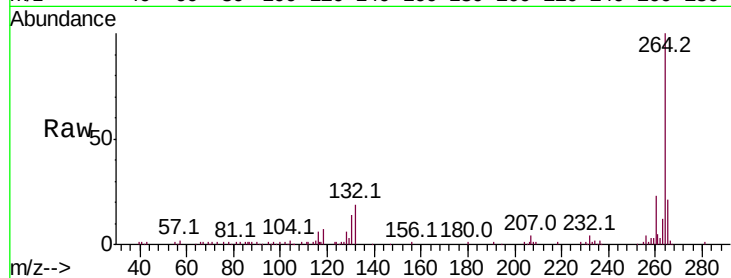


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110662.D
Acq: 10 Nov 2018 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 111802

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.3	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

