

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
 Data File : BF112852.D
 Acq On : 5 Mar 2019 13:41
 Operator : JU/SJ
 Sample : K1704-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-SW003-022719

Quant Time: Mar 06 01:43:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	163557	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	629059	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	288930	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	528836	20.00	ng	0.00
76) Chrysene-d12	13.88	240	400880	20.00	ng	0.00
87) Perylene-d12	15.29	264	427961	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	1130662	107.53	ng	0.01
7) Phenol-d6	6.38	99	1484883	112.42	ng	0.01
23) Nitrobenzene-d5	7.30	82	885315	84.21	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	400934	130.71	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1588435	93.57	ng	0.00
79) Terphenyl-d14	12.84	244	1406415	68.01	ng	0.01

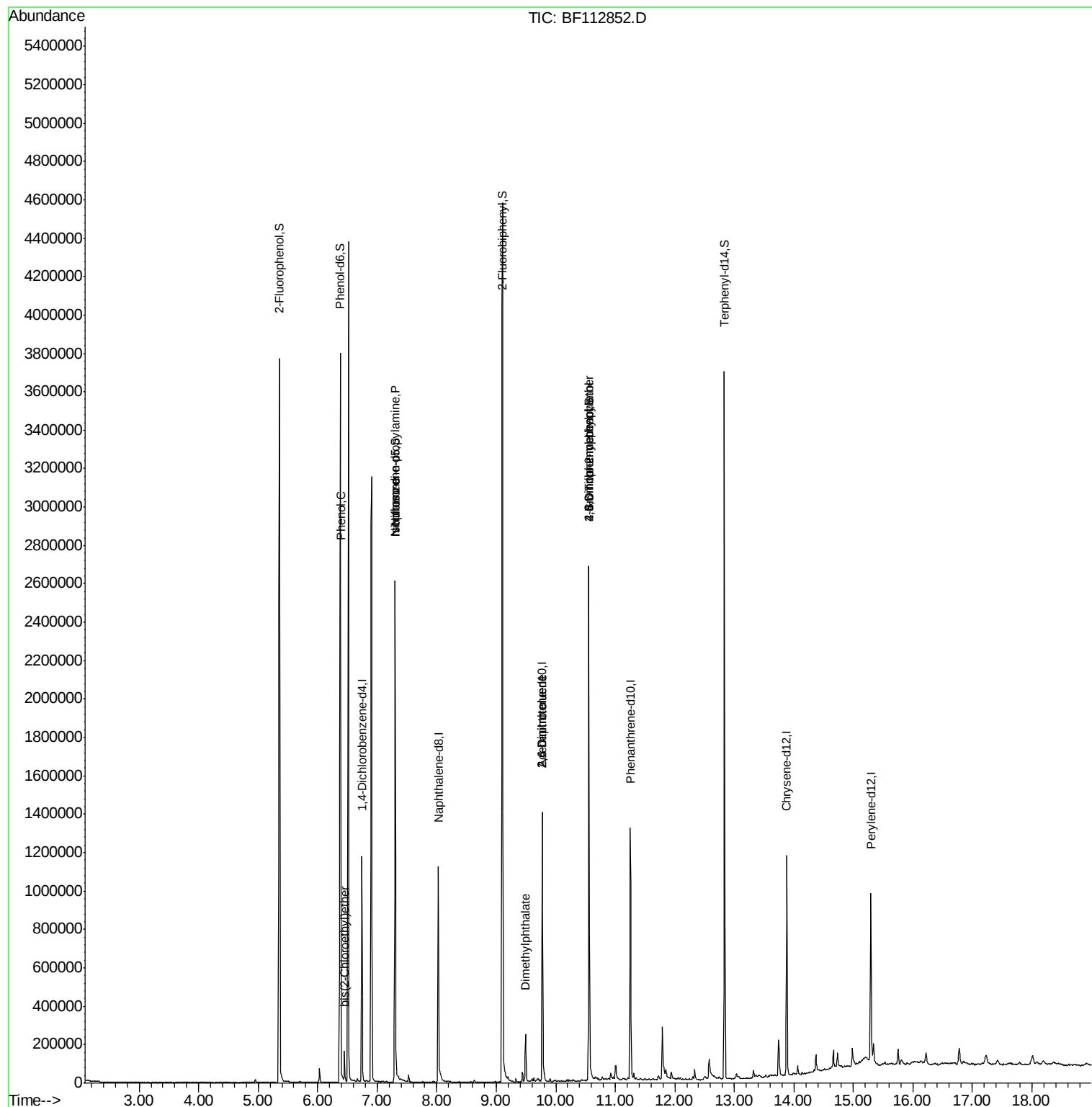
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.39	94	48018	3.115	ng	90
11) bis(2-Chloroethyl)ether	6.45	93	29369	2.483	ng	# 22
19) n-Nitroso-di-n-propylamine	7.30	70	117039	13.991	ng	# 78
25) Isophorone	7.30	82	854664	37.737	ng	# 66
50) Dimethylphthalate	9.49	163	113451	5.325	ng	99
51) 2,6-Dinitrotoluene	9.77	165	36586	8.247	ng	# 18
57) 2,4-Dinitrotoluene	9.77	165	36586	6.634	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.56	198	582	4.855	ng	# 1
67) 4-Bromophenyl-phenylether	10.56	248	22543	4.047	ng	# 1

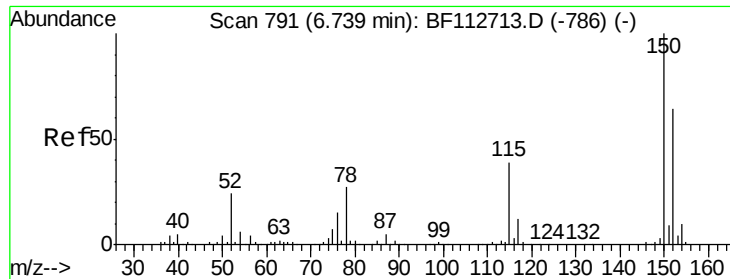
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
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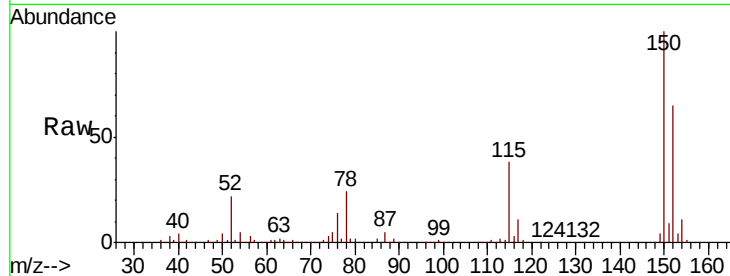




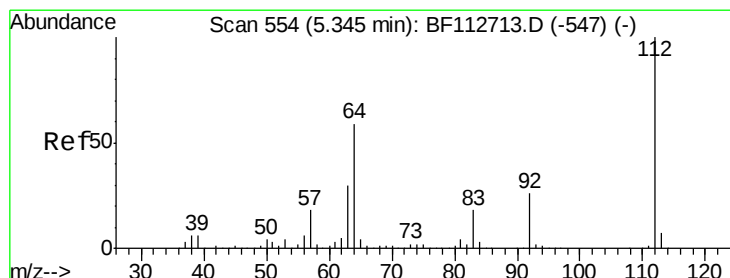
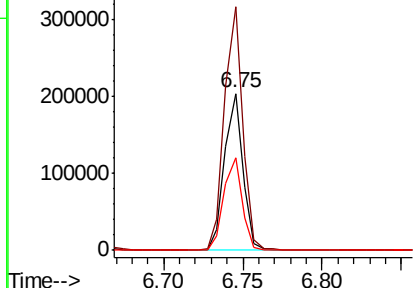
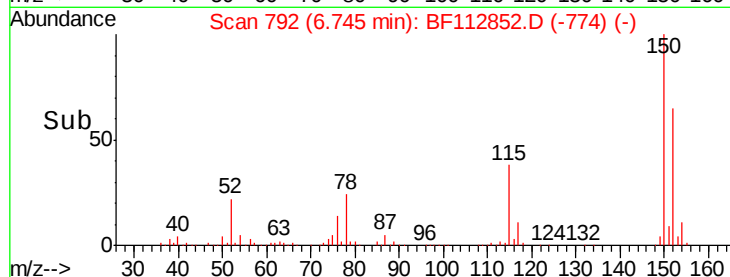
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112852.D
Acq: 5 Mar 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PST-028-SW003-022719

Tgt Ion:152 Resp: 163557
Ion Ratio Lower Upper
152 100
150 154.9 124.2 186.2
115 58.5 48.2 72.4

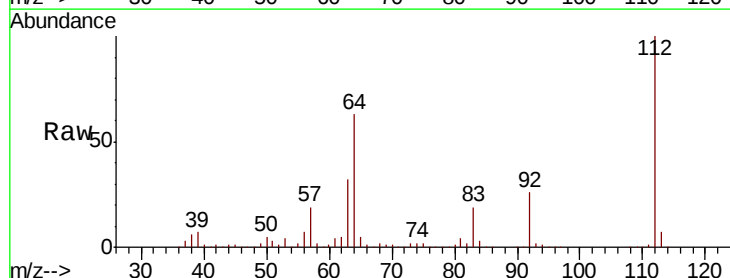


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

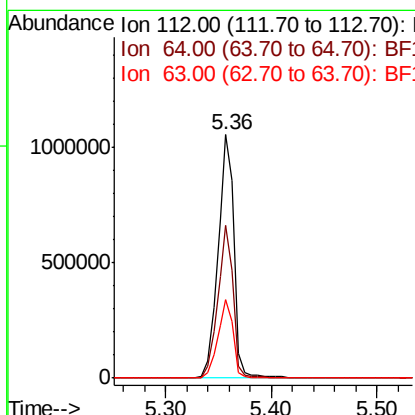
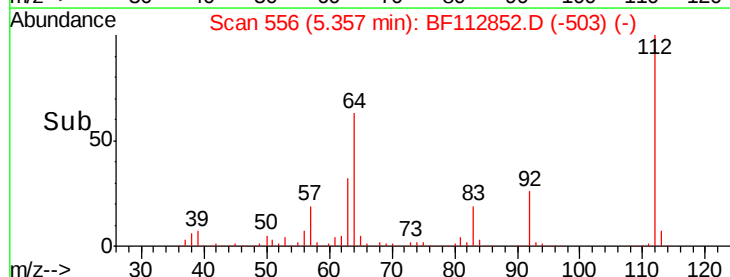


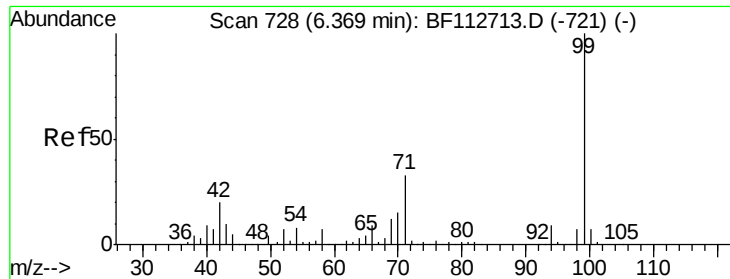
#5
2-Fluorophenol
Concen: 107.534 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112852.D
Acq: 5 Mar 2019 13:41

Tgt Ion:112 Resp: 1130662
Ion Ratio Lower Upper
112 100
64 62.6 47.6 71.4
63 32.5 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: 112.424 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112852.D

Acq: 5 Mar 2019 13:41

Instrument :

BNA_F

ClientSampleId :

PST-028-SW003-022719

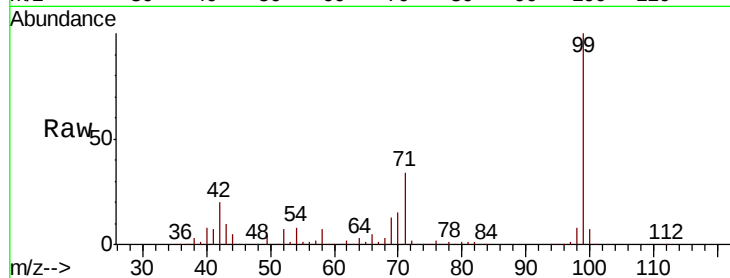
Tgt Ion: 99 Resp: 1484883

Ion Ratio Lower Upper

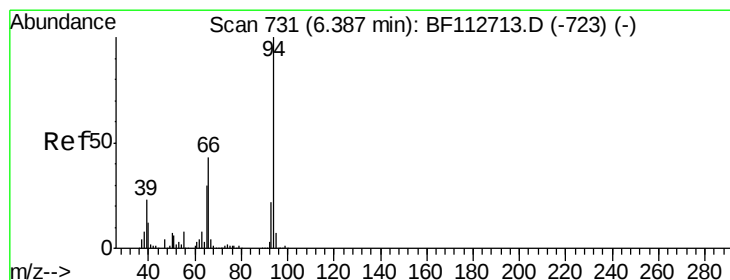
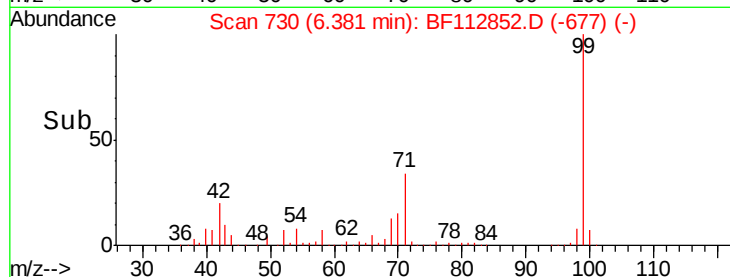
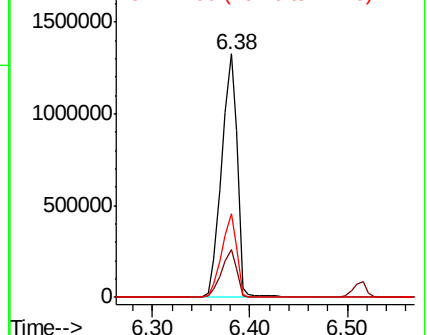
99 100

42 19.7 16.3 24.5

71 34.4 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



#10

Phenol

Concen: 3.115 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF112852.D

Acq: 5 Mar 2019 13:41

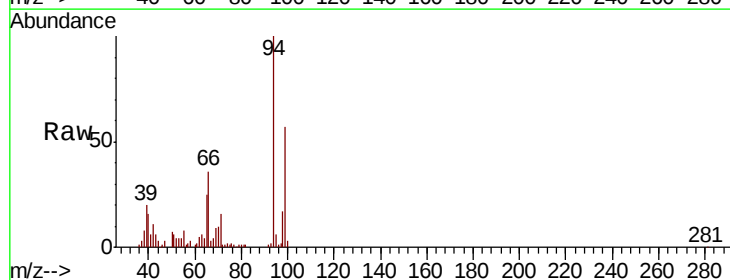
Tgt Ion: 94 Resp: 48018

Ion Ratio Lower Upper

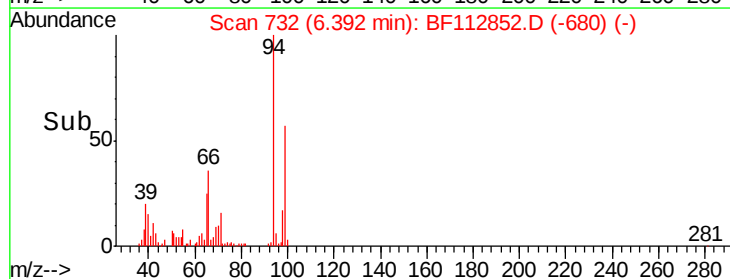
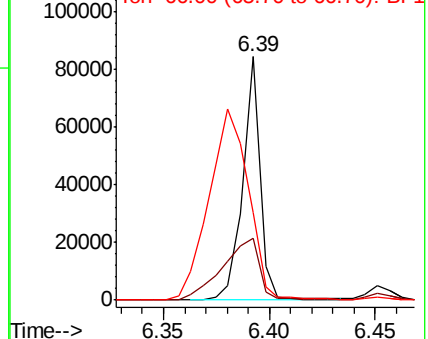
94 100

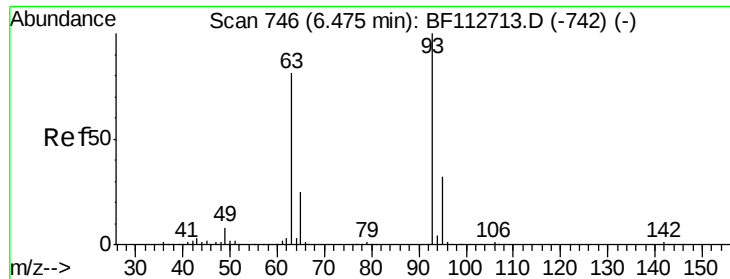
65 25.3 10.5 50.5

66 35.8 22.6 62.6



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

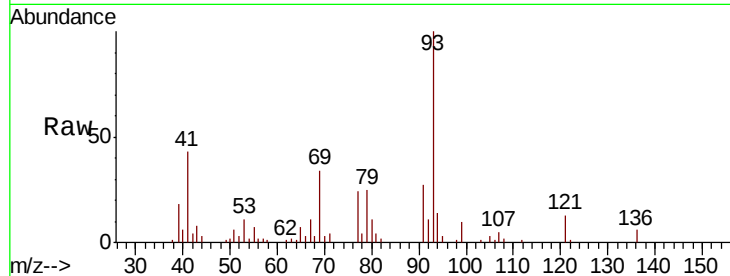




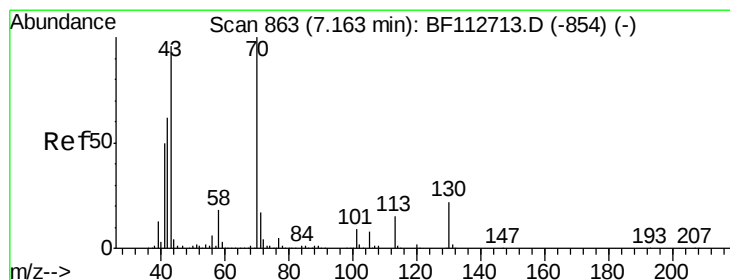
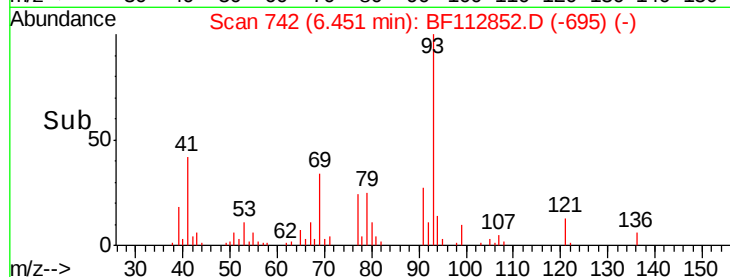
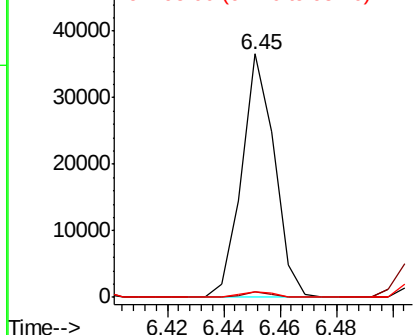
#11
bis(2-Chloroethyl)ether
Concen: 2.483 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF112852.D
Acq: 5 Mar 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PST-028-SW003-022719

Tgt Ion: 93 Resp: 29369
Ion Ratio Lower Upper
93 100
63 2.2 60.5 100.5#
95 2.5 12.1 52.1#

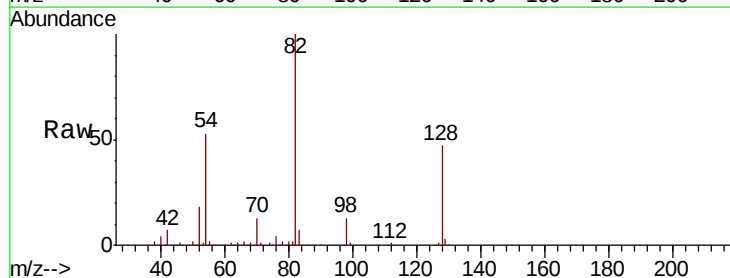


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

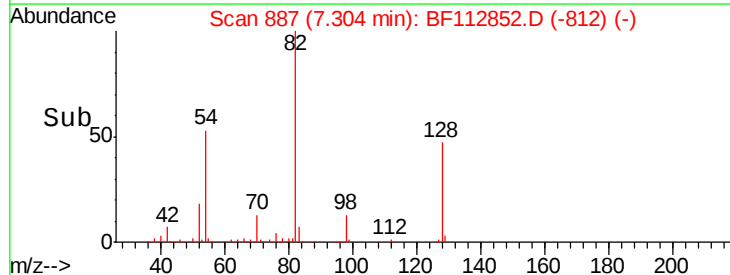
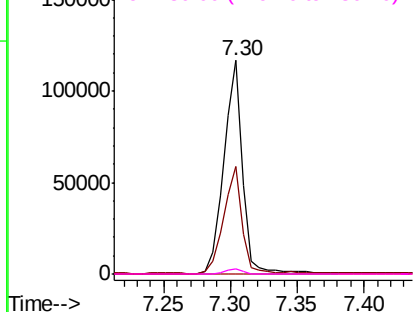


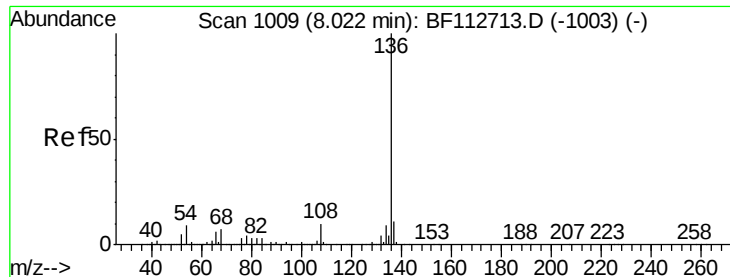
#19
n-Nitroso-di-n-propylamine
Concen: 13.991 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.14 min
Lab File: BF112852.D
Acq: 5 Mar 2019 13:41

Tgt Ion: 70 Resp: 117039
Ion Ratio Lower Upper
70 100
42 50.5 49.9 74.9
101 0.0 7.4 11.2#
130 2.4 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

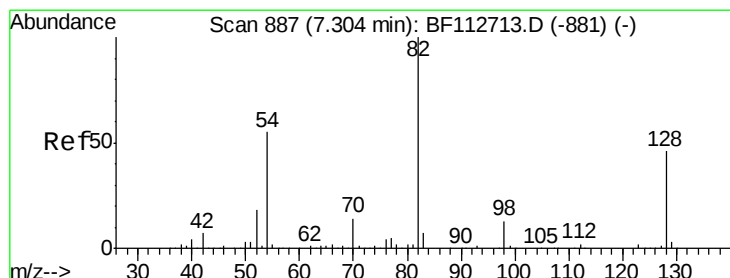
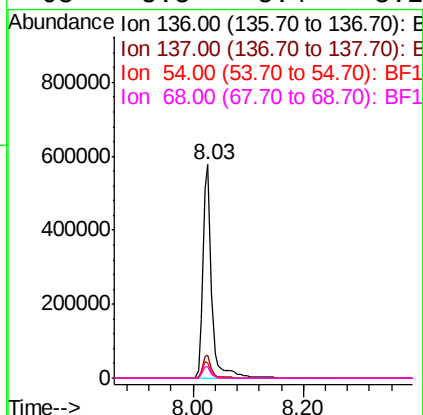
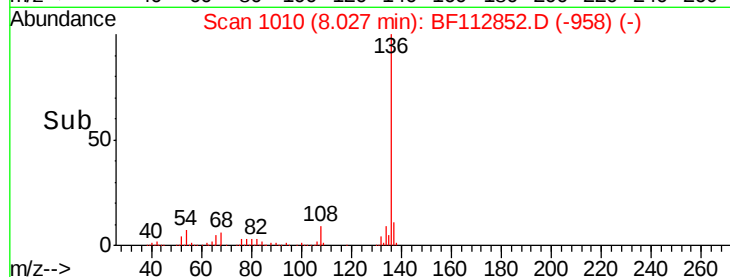
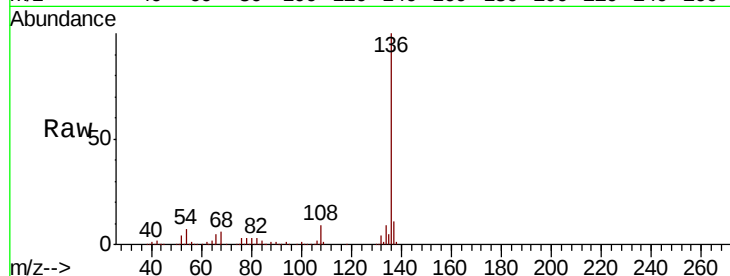




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112852.D
Acq: 5 Mar 2019 13:41

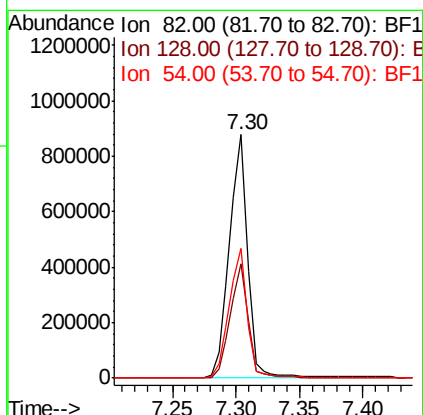
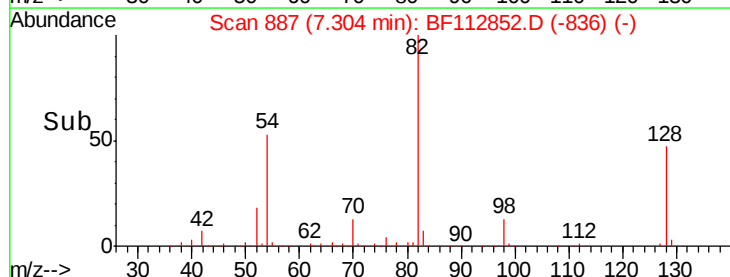
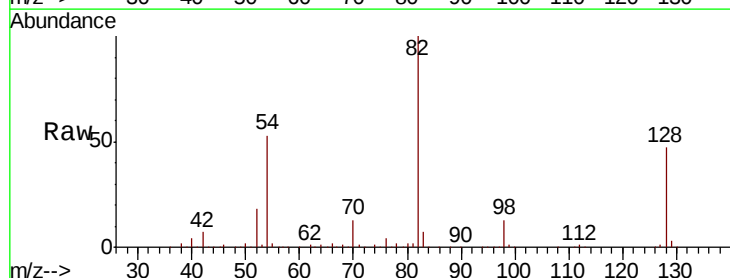
Instrument :
BNA_F
ClientSampleId :
PST-028-SW003-022719

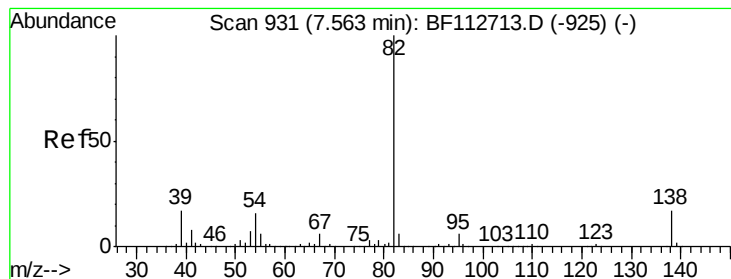
Tgt Ion:	136	Resp:	629059
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.3	7.3	10.9#
68	5.5	5.4	8.2



#23
Nitrobenzene-d5
Concen: 84.214 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF112852.D
Acq: 5 Mar 2019 13:41

Tgt Ion:	82	Resp:	885315
Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.3	54.5
54	53.1	43.7	65.5





#25

Isophorone

Concen: 37.737 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.26 min

Lab File: BF112852.D

Acq: 5 Mar 2019 13:41

Instrument :

BNA_F

ClientSampleId :

PST-028-SW003-022719

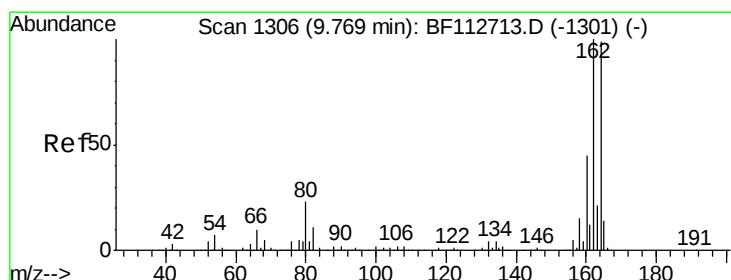
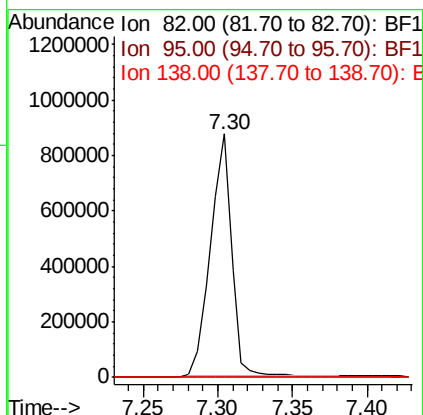
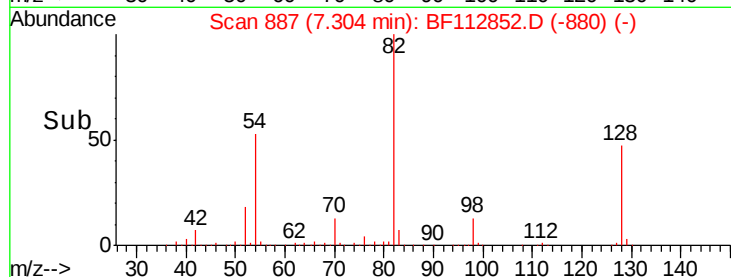
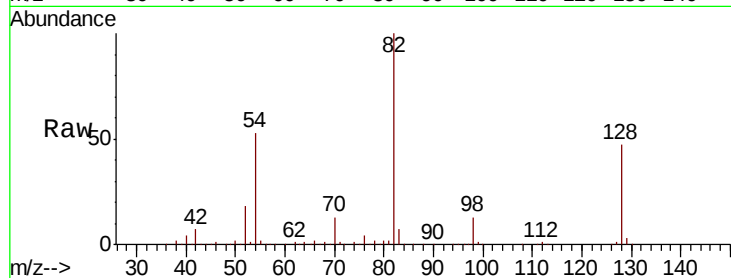
Tgt Ion: 82 Resp: 854664

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF112852.D

Acq: 5 Mar 2019 13:41

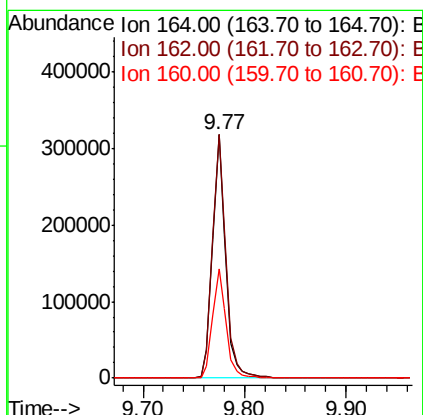
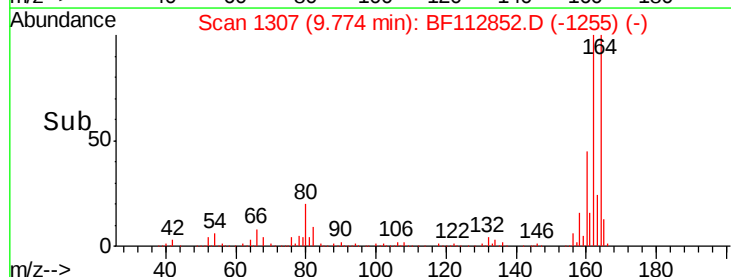
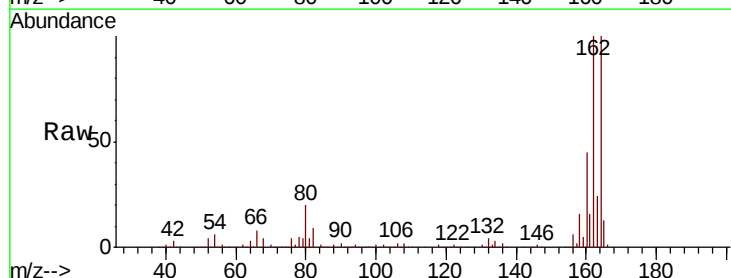
Tgt Ion: 164 Resp: 288930

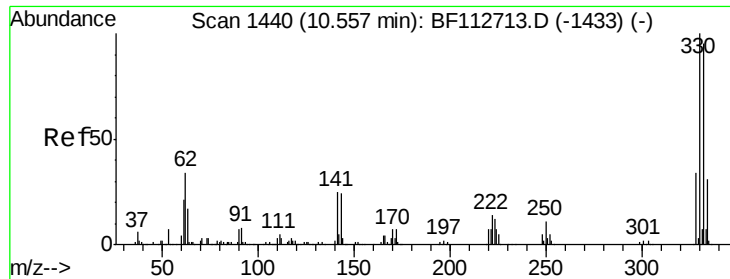
Ion Ratio Lower Upper

164 100

162 100.2 80.6 120.8

160 44.9 36.0 54.0

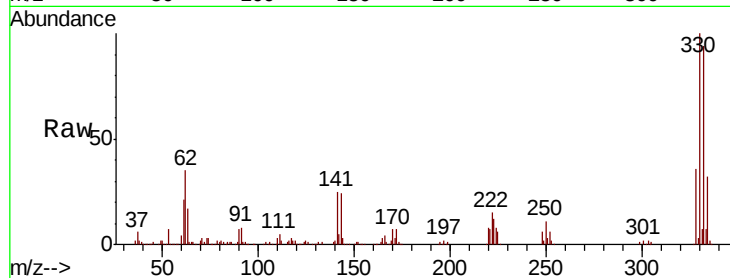




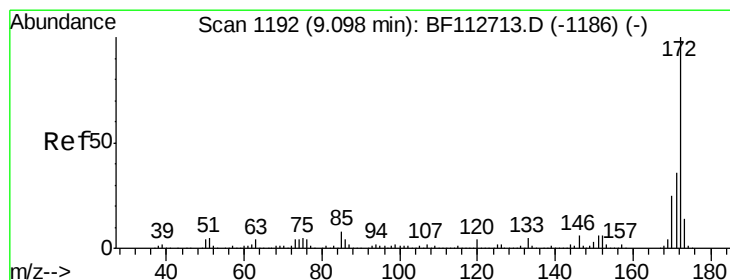
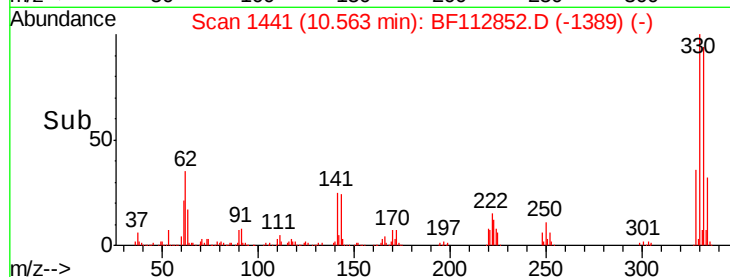
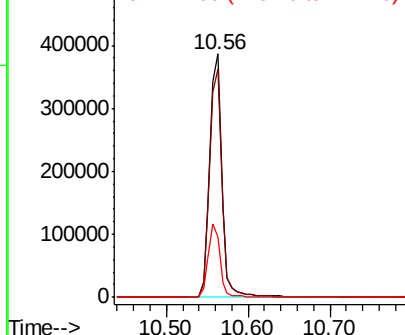
#42
 2,4,6-Tribromophenol
 Concen: 130.710 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF112852.D
 Acq: 5 Mar 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-SW003-022719

Tgt Ion:330 Resp: 400934
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.2 114.4
 141 29.8 27.0 40.6

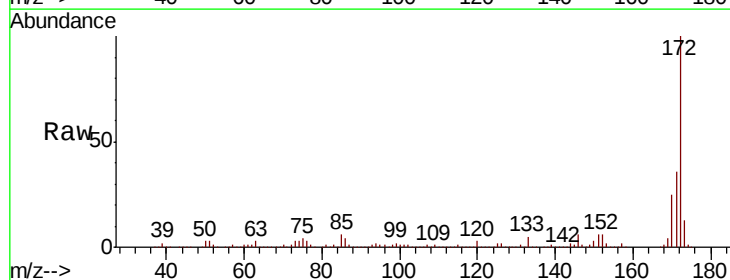


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

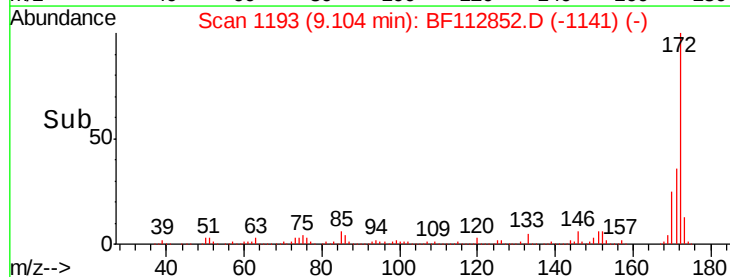
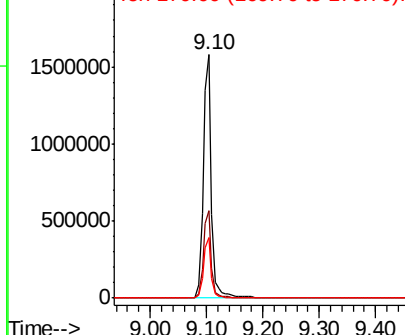


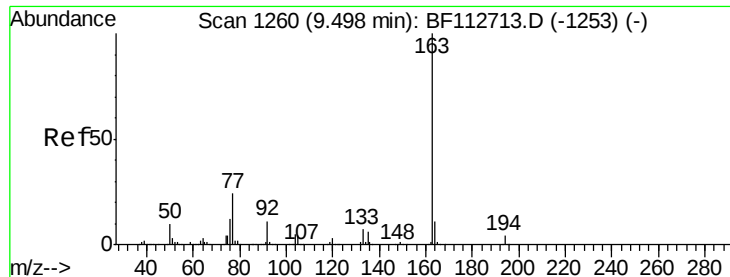
#45
 2-Fluorobiphenyl
 Concen: 93.571 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF112852.D
 Acq: 5 Mar 2019 13:41

Tgt Ion:172 Resp: 1588435
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.4
 170 24.6 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

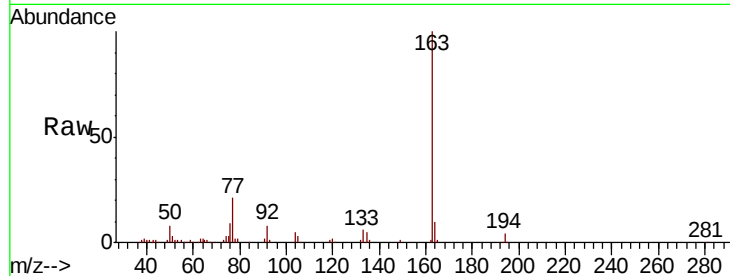




#50
Dimethylphthalate
Concen: 5.325 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112852.D
Acq: 5 Mar 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PST-028-SW003-022719

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.1	8.4	12.6

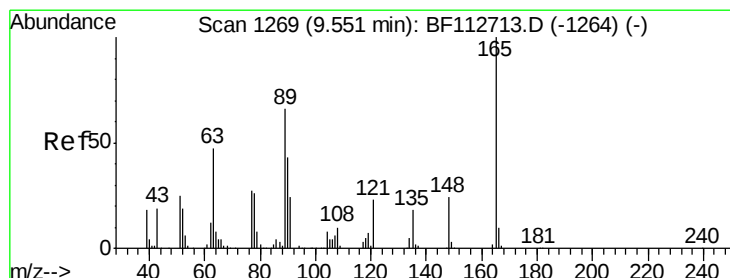
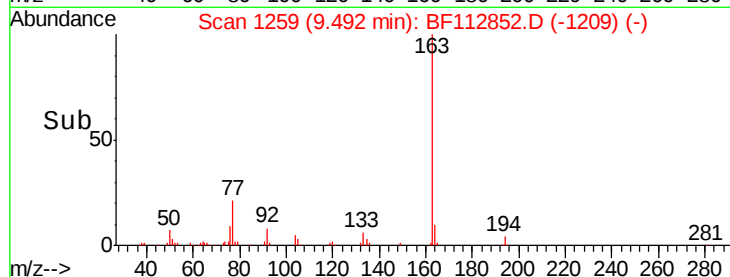
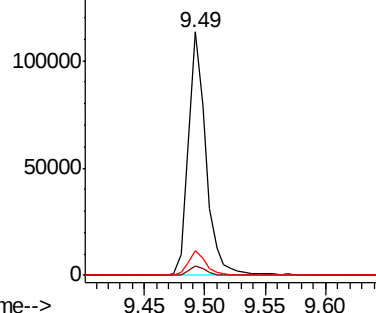


Abundance

Ion 163.00 (162.70 to 163.70): E

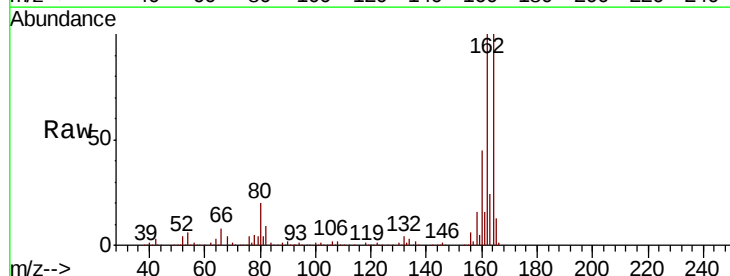
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 8.247 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.22 min
Lab File: BF112852.D
Acq: 5 Mar 2019 13:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	54.1	81.1#
89	1.4	52.8	79.2#

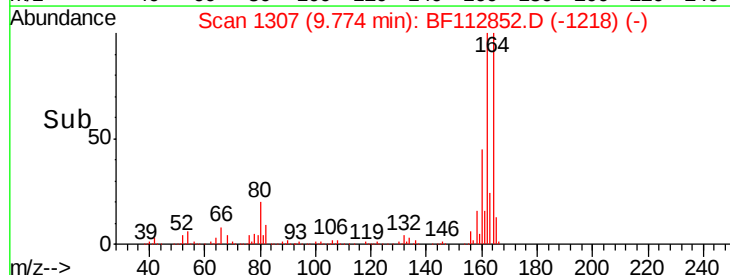
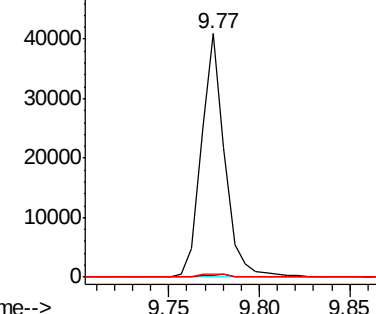


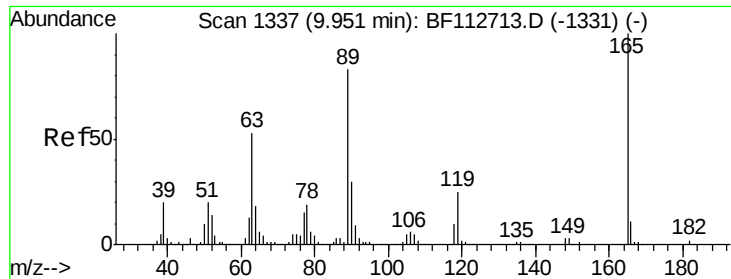
Abundance

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

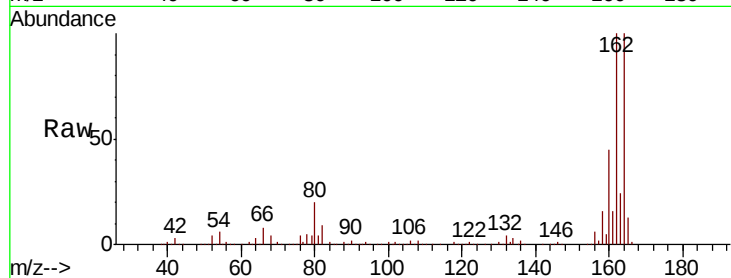




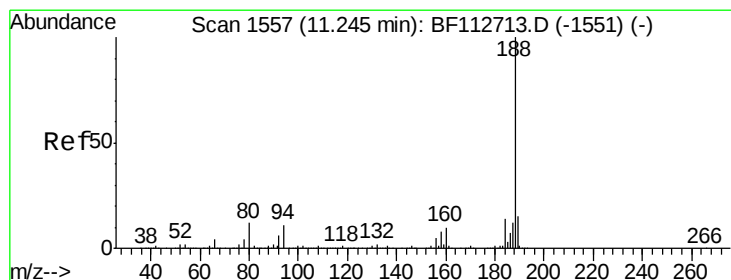
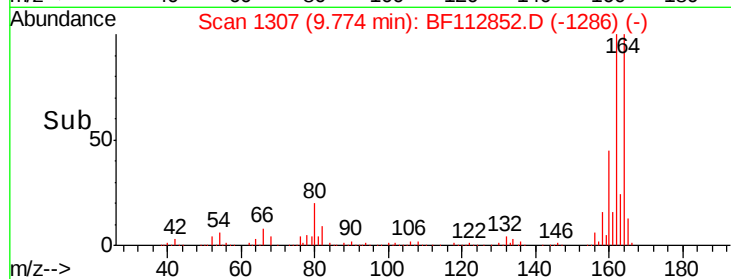
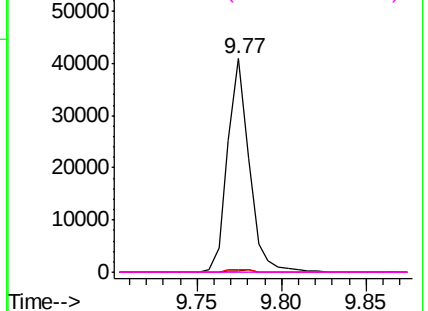
#57
2,4-Dinitrotoluene
Concen: 6.634 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.18 min
Lab File: BF112852.D
Acq: 5 Mar 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PST-028-SW003-022719

Tgt Ion:	165	Resp:	36586
Ion	Ratio	Lower	Upper
165	100		
63	0.9	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#

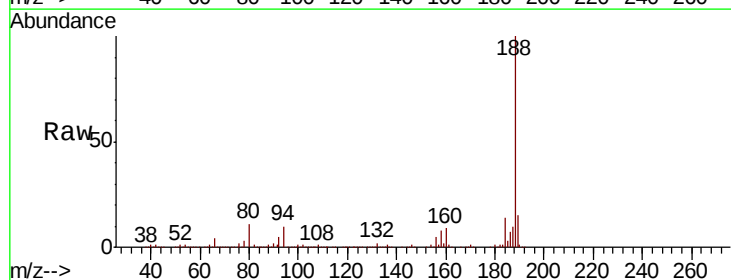


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

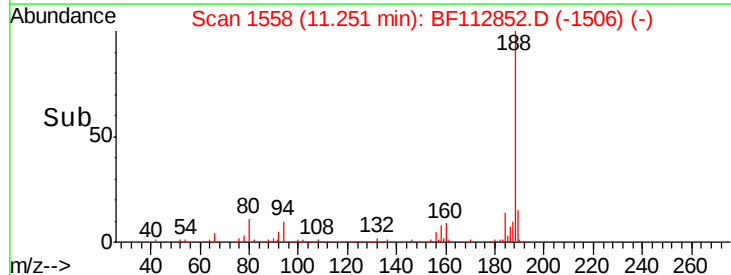
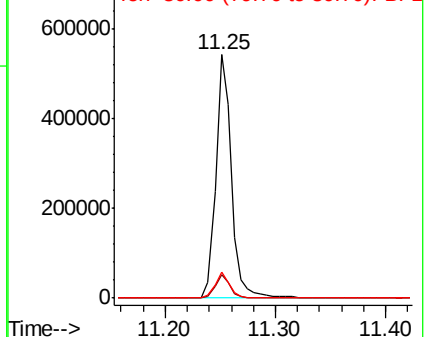


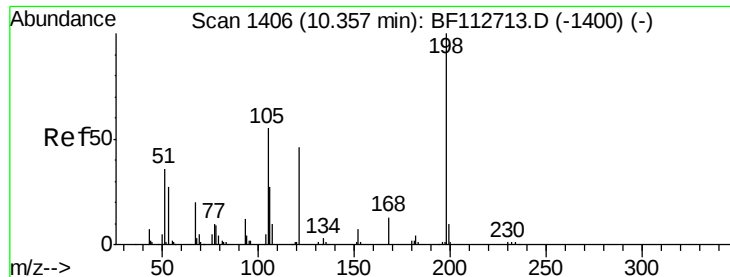
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112852.D
Acq: 5 Mar 2019 13:41

Tgt Ion:	188	Resp:	528836
Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.0	13.4
80	10.7	9.2	13.8



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

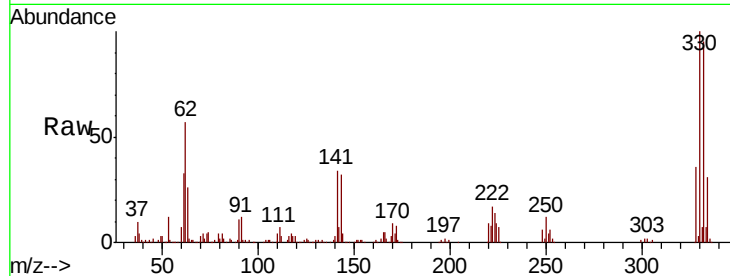




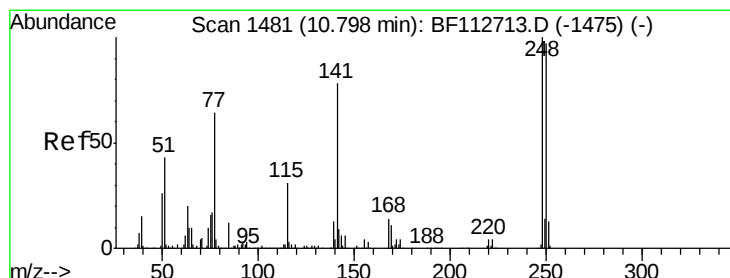
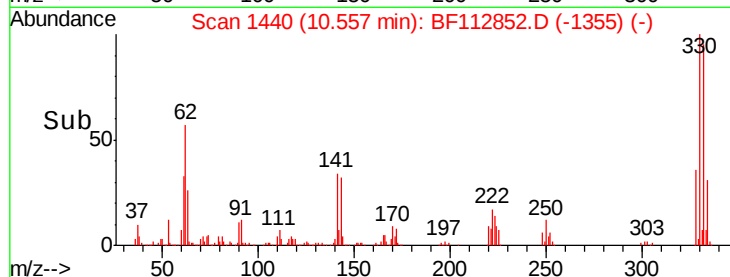
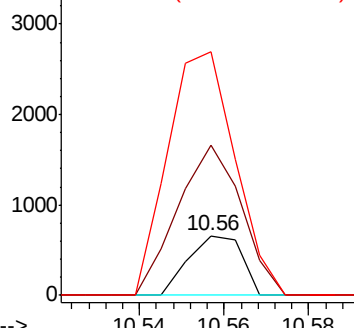
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.855 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.20 min
 Lab File: BF112852.D
 Acq: 5 Mar 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-SW003-022719

Tgt Ion:198 Resp: 582
 Ion Ratio Lower Upper
 198 100
 51 250.6 43.8 83.8#
 105 408.0 36.5 76.5#

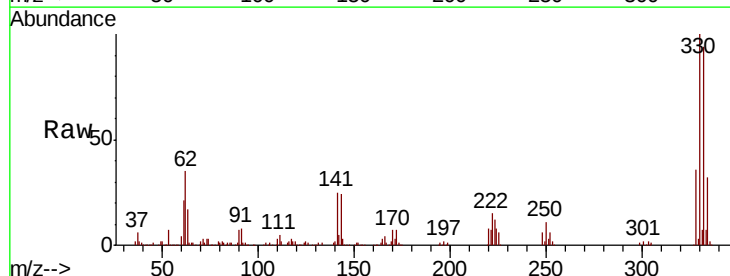


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

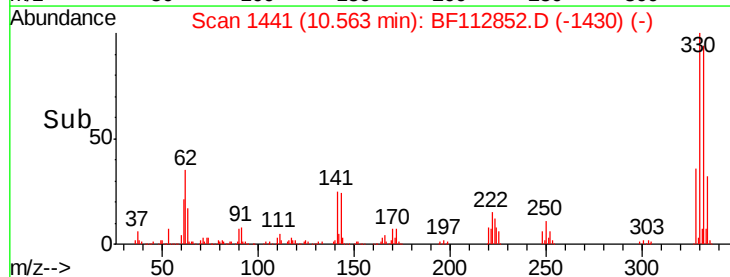
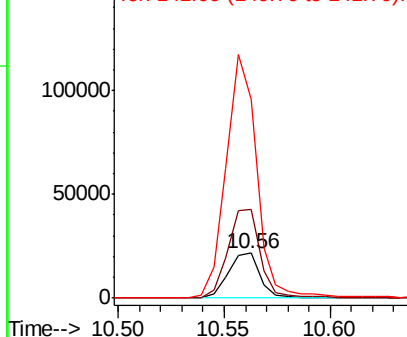


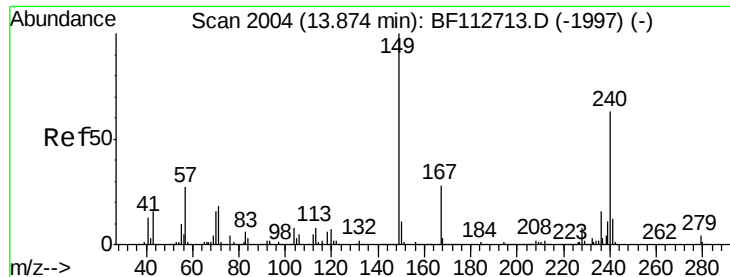
#67
 4-Bromophenyl-phenylether
 Concen: 4.047 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.24 min
 Lab File: BF112852.D
 Acq: 5 Mar 2019 13:41

Tgt Ion:248 Resp: 22543
 Ion Ratio Lower Upper
 248 100
 250 195.7 77.5 116.3#
 141 440.3 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: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF112852.D

Acq: 5 Mar 2019 13:41

Instrument :

BNA_F

ClientSampleId :

PST-028-SW003-022719

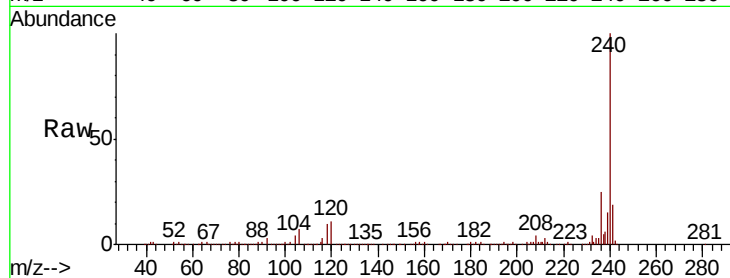
Tgt Ion:240 Resp: 400880

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

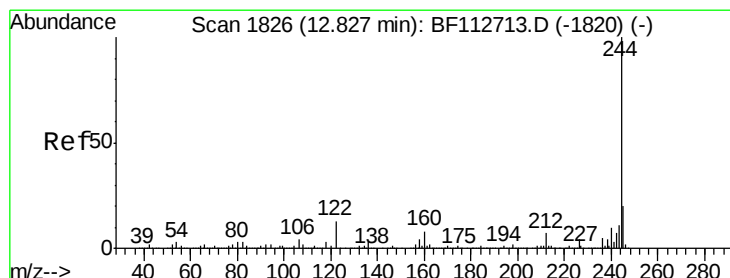
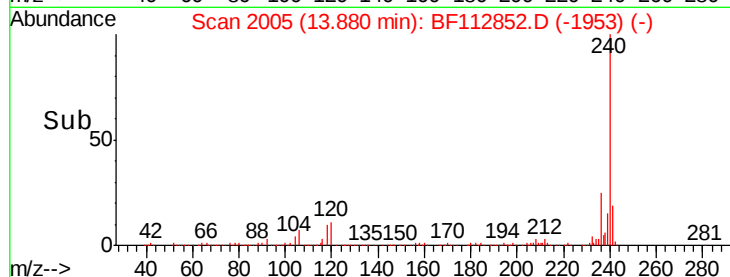
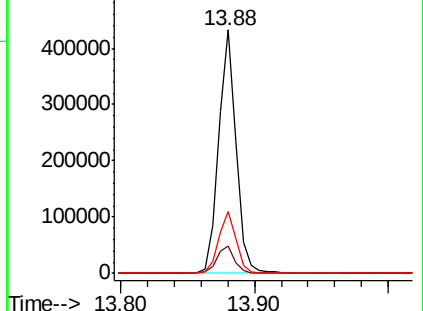
236 25.3 20.7 31.1



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: 68.009 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF112852.D

Acq: 5 Mar 2019 13:41

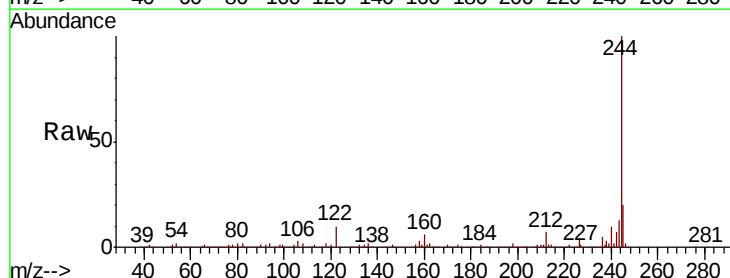
Tgt Ion:244 Resp: 1406415

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

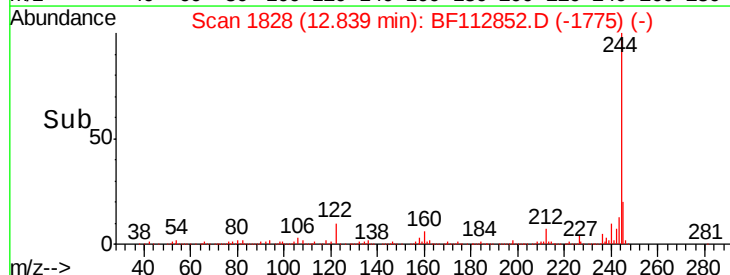
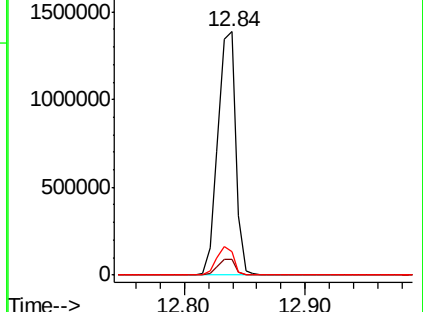
122 9.6 10.5 15.7#

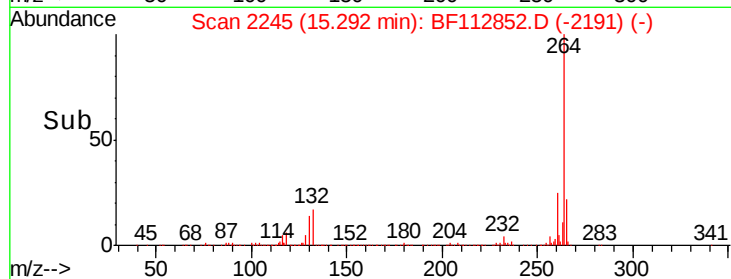
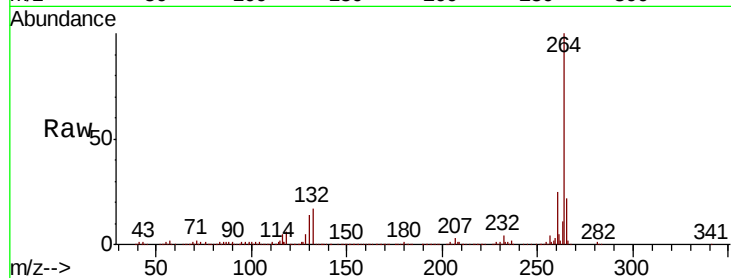
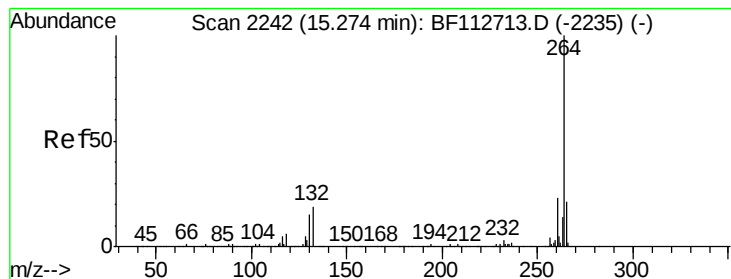


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.29 min Scan# 2245

Delta R.T. 0.02 min

Lab File: BF112852.D

Acq: 5 Mar 2019 13:41

Instrument :

BNA_F

ClientSampleId :

PST-028-SW003-022719

Tgt Ion: 264 Resp: 427961

Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

265 22.5 17.2 25.8

