

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
 Data File : BF112859.D
 Acq On : 5 Mar 2019 18:25
 Operator : JU/SJ
 Sample : K1715-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-B-S

Quant Time: Mar 06 01:44:39 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	6.74	152	169858	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	660790	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	327561	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	665645	20.00	ng	0.00
76) Chrysene-d12	13.87	240	467678	20.00	ng	0.00
87) Perylene-d12	15.28	264	460986	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	935696	85.69	ng	0.00
7) Phenol-d6	6.37	99	1233160	89.90	ng	0.00
23) Nitrobenzene-d5	7.30	82	743932	67.37	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	407414	117.16	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1425651	68.52	ng	0.00
79) Terphenyl-d14	12.83	244	1498416	62.11	ng	0.00

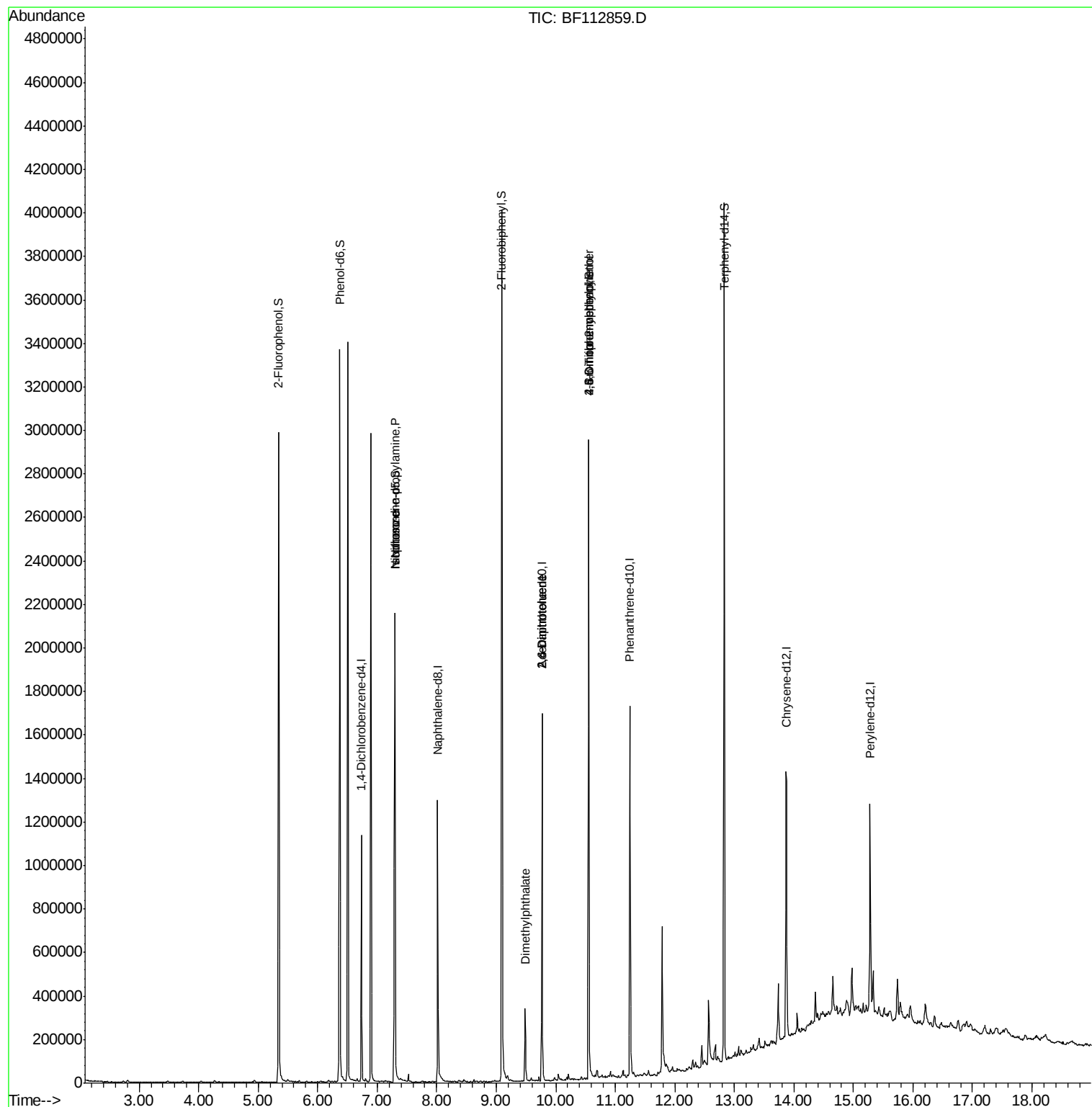
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	99663	11.472	ng	# 76
25) Isophorone	7.30	82	740326	31.119	ng	# 66
50) Dimethylphthalate	9.49	163	136419	5.648	ng	97
51) 2,6-Dinitrotoluene	9.77	165	41868	8.324	ng	# 18
57) 2,4-Dinitrotoluene	9.77	165	41868	6.697	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	638	4.824	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	23580	3.363	ng	# 1

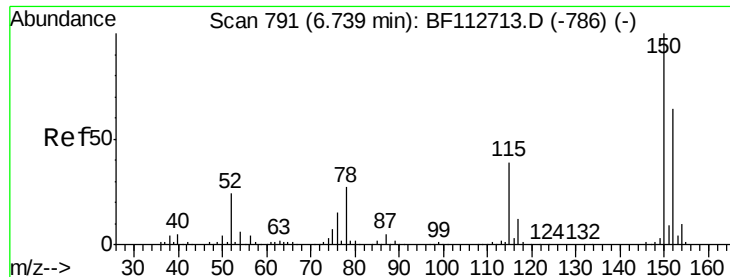
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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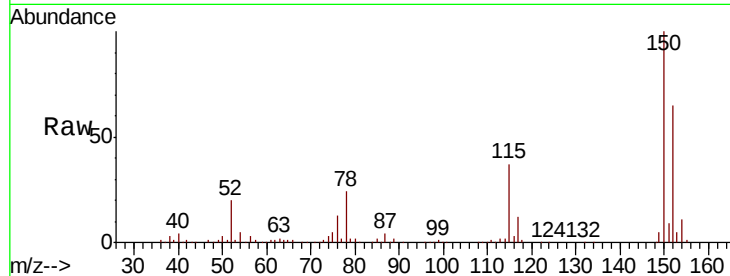


#1

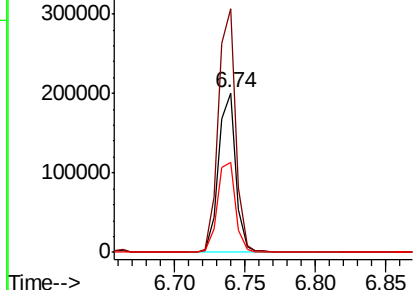
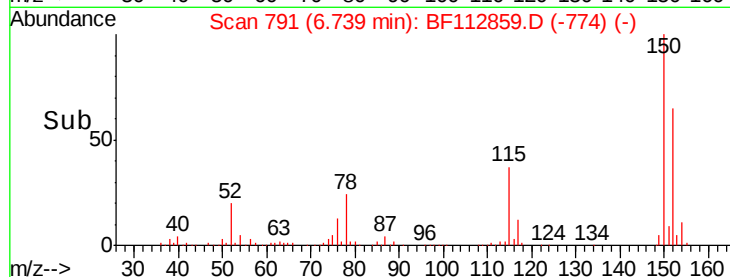
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Instrument :
BNA_F
ClientSampleId :
TP-4-B-S

Tgt Ion:152 Resp: 169858
Ion Ratio Lower Upper
152 100
150 152.9 124.2 186.2
115 56.4 48.2 72.4



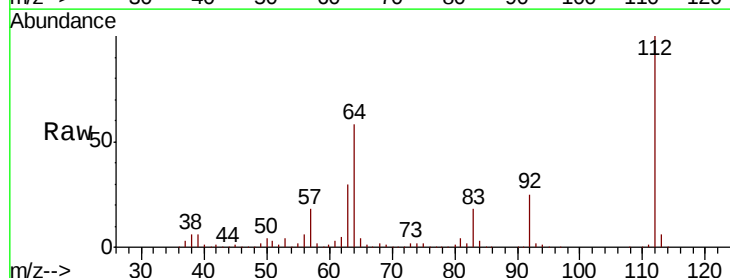
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



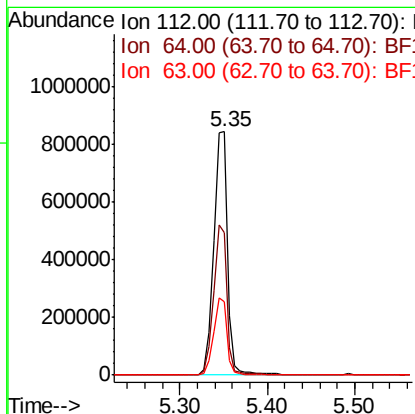
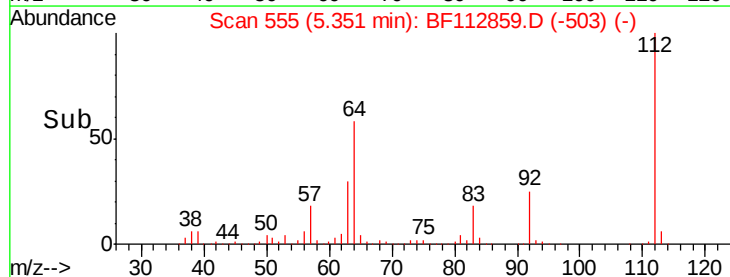
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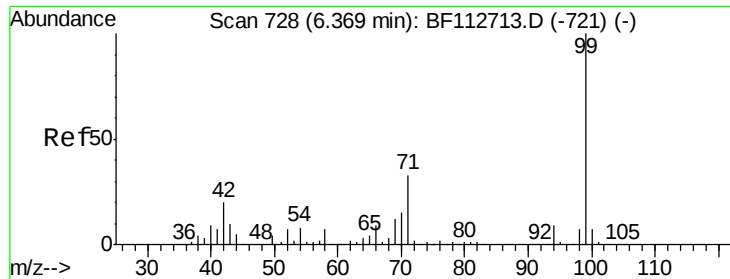
2-Fluorophenol
Concen: 85.690 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Tgt Ion:112 Resp: 935696
Ion Ratio Lower Upper
112 100
64 58.3 47.6 71.4
63 30.2 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: 89.902 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112859.D

Acq: 5 Mar 2019 18:25

Instrument :

BNA_F

ClientSampleId :

TP-4-B-S

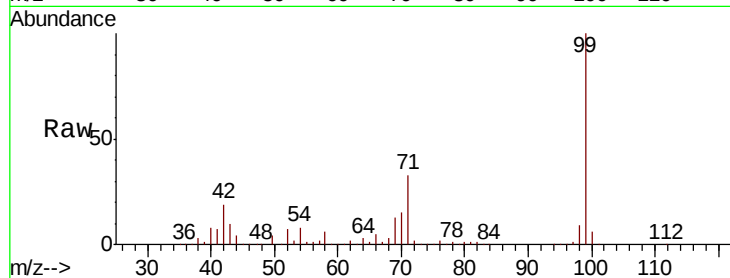
Tgt Ion: 99 Resp: 1233160

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

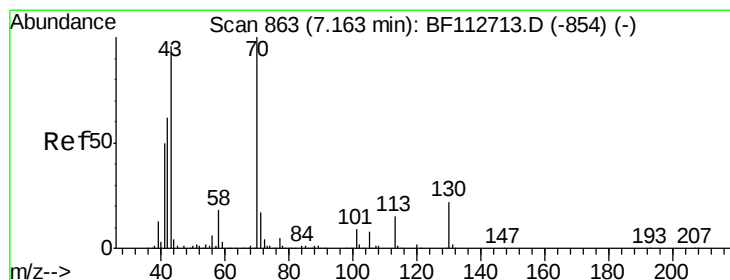
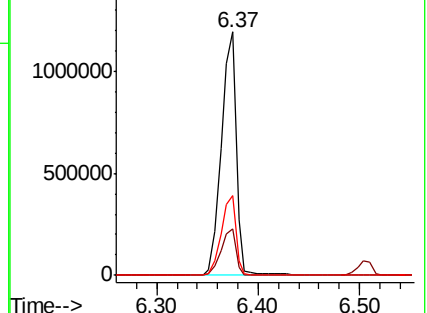
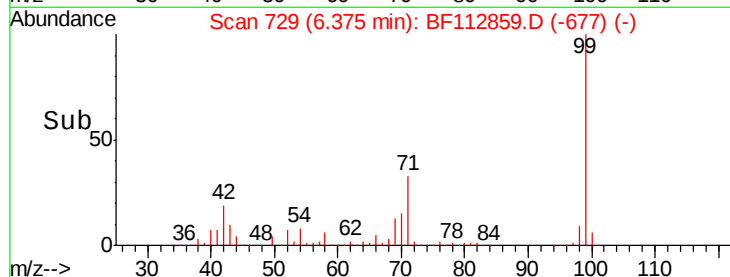
71 32.7 26.2 39.4



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: 11.472 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF112859.D

Acq: 5 Mar 2019 18:25

Tgt Ion: 70 Resp: 99663

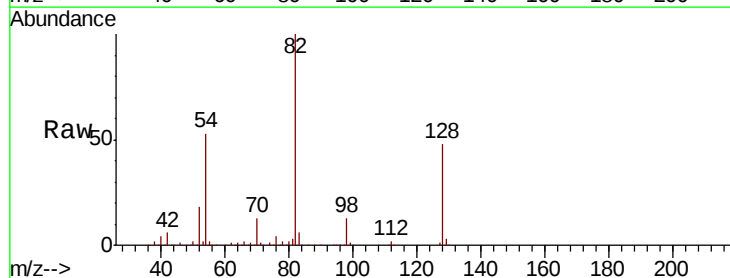
Ion Ratio Lower Upper

70 100

42 48.4 49.9 74.9#

101 0.0 7.4 11.2#

130 2.0 17.4 26.2#

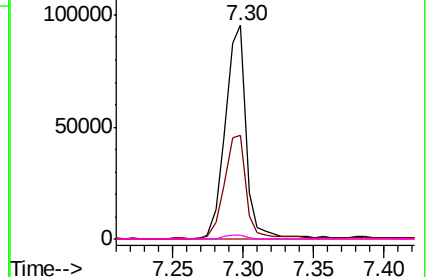
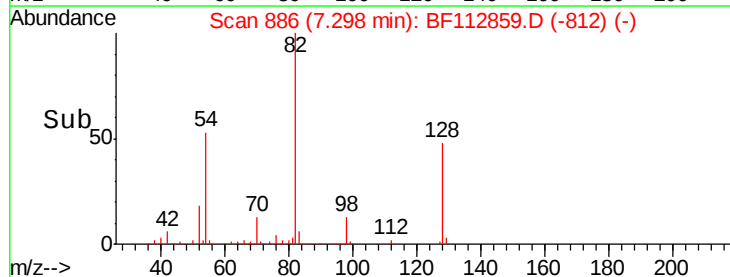


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

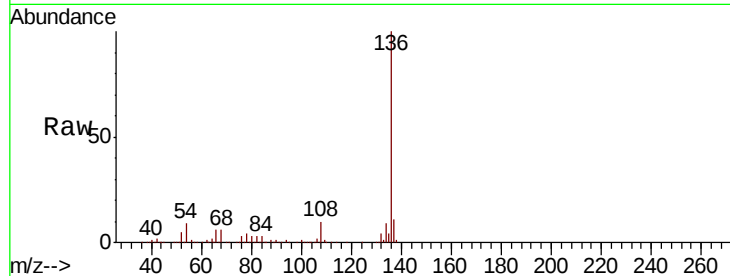




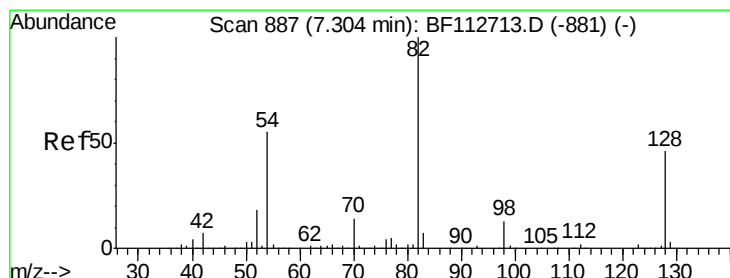
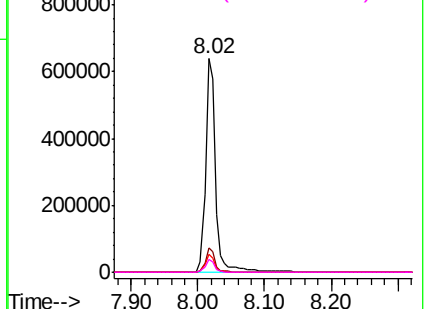
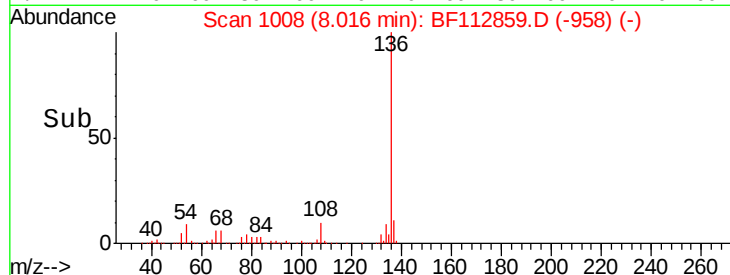
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Instrument :
BNA_F
ClientSampleId :
TP-4-B-S

Tgt Ion:	136	Resp:	660790
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.6	7.3	10.9
68	6.2	5.4	8.2

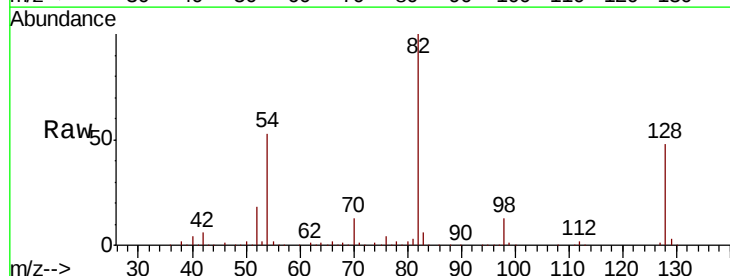


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

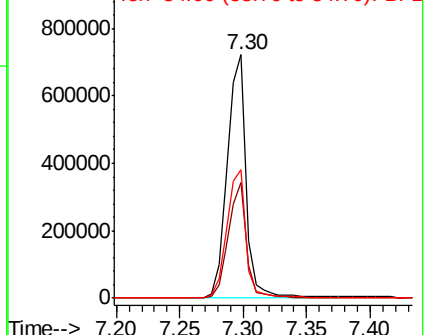
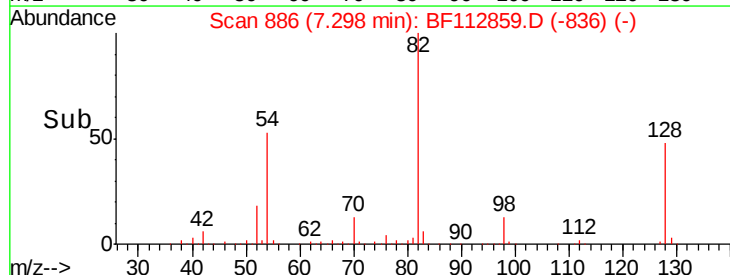


#23
Nitrobenzene-d5
Concen: 67.367 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Tgt Ion:	82	Resp:	743932
Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.3	54.5
54	52.9	43.7	65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.119 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF112859.D

Acq: 5 Mar 2019 18:25

Instrument :

BNA_F

ClientSampled :

TP-4-B-S

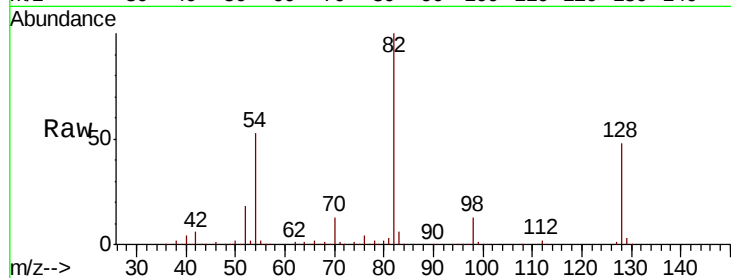
Tgt Ion: 82 Resp: 740326

Ion Ratio Lower Upper

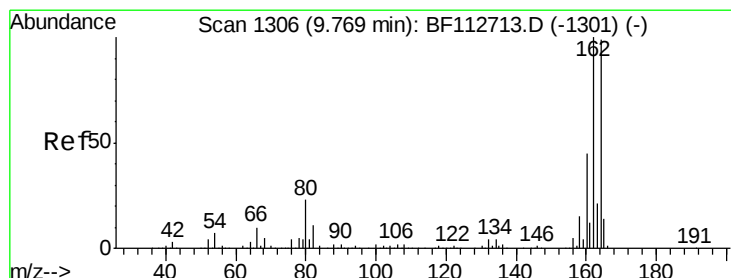
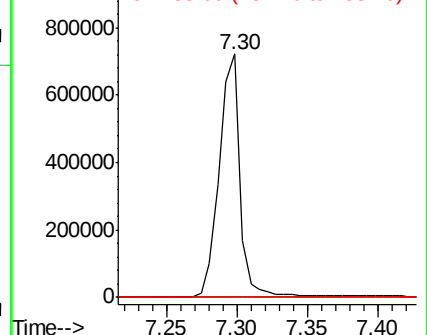
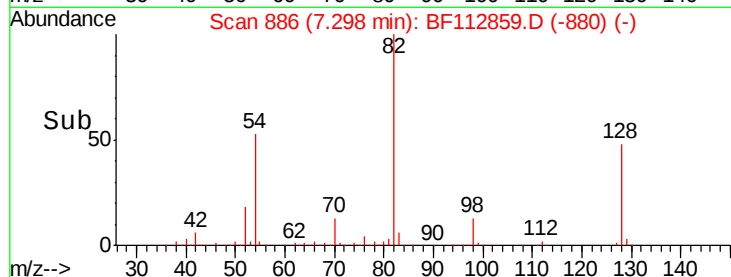
82 100

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: 9.77 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF112859.D

Acq: 5 Mar 2019 18:25

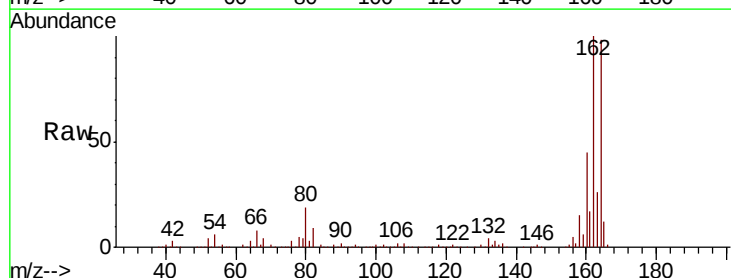
Tgt Ion: 164 Resp: 327561

Ion Ratio Lower Upper

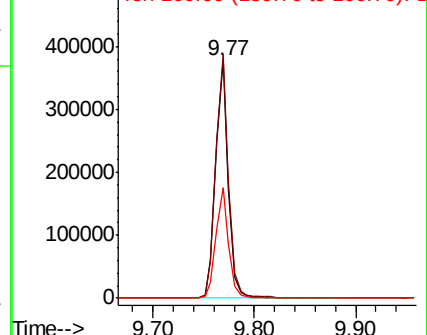
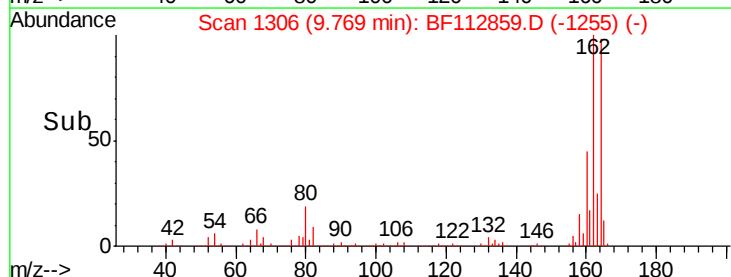
164 100

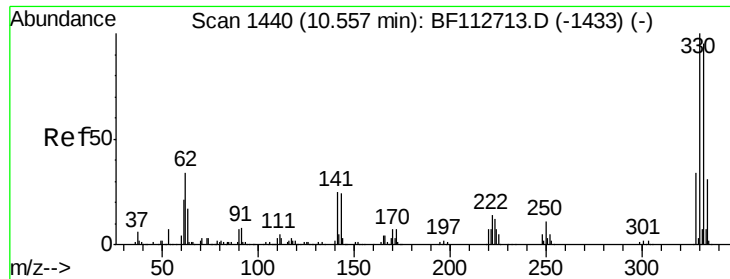
162 102.2 80.6 120.8

160 46.2 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

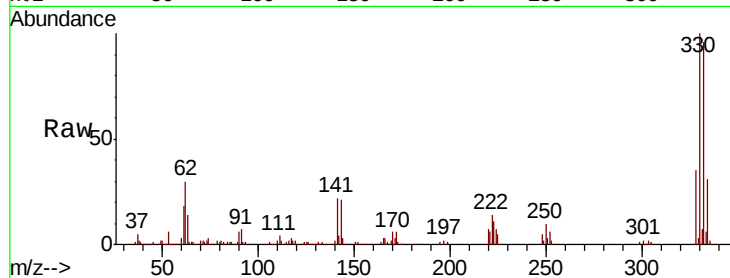




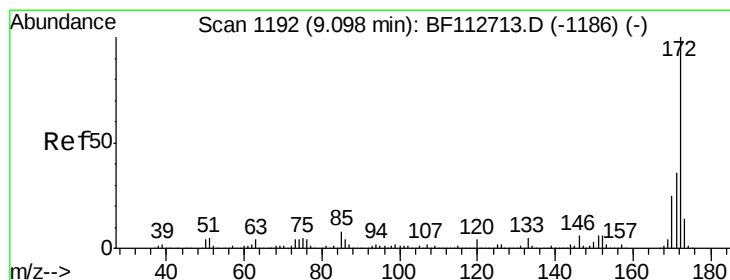
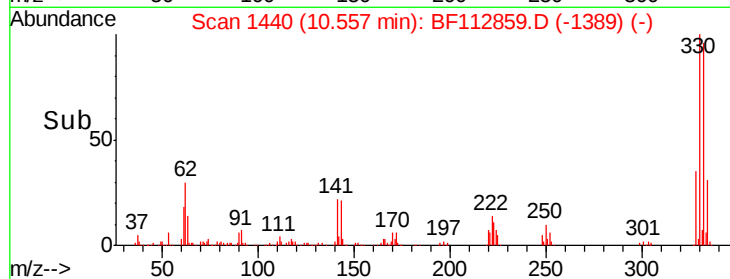
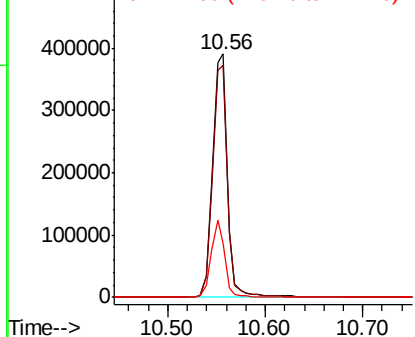
#42
 2,4,6-Tribromophenol
 Concen: 117.158 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF112859.D
 Acq: 5 Mar 2019 18:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-B-S

Tgt Ion:330 Resp: 407414
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.2 114.4
 141 29.7 27.0 40.6

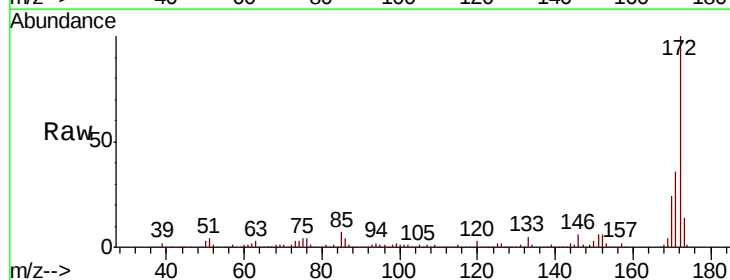


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

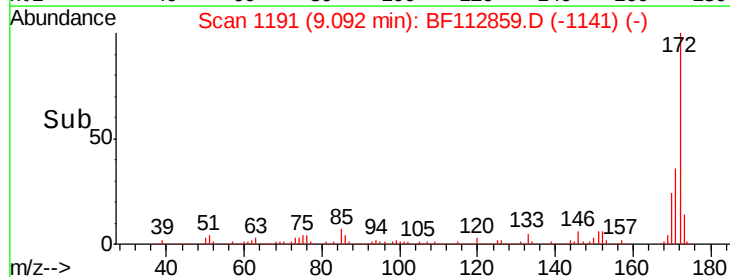
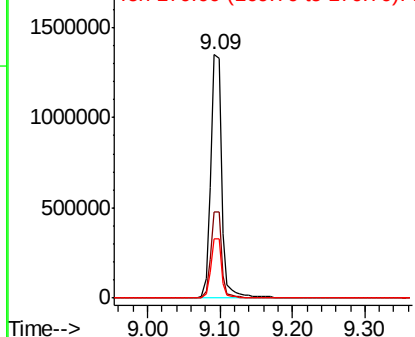


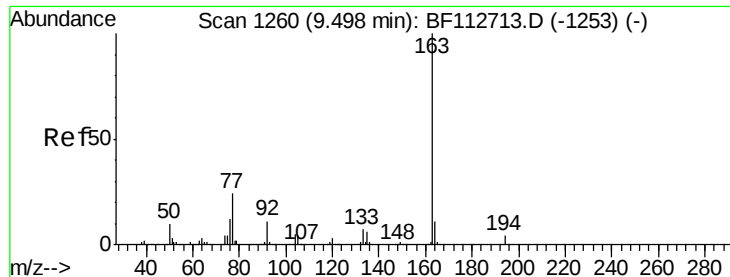
#45
 2-Fluorobiphenyl
 Concen: 68.517 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF112859.D
 Acq: 5 Mar 2019 18:25

Tgt Ion:172 Resp: 1425651
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.4
 170 24.3 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

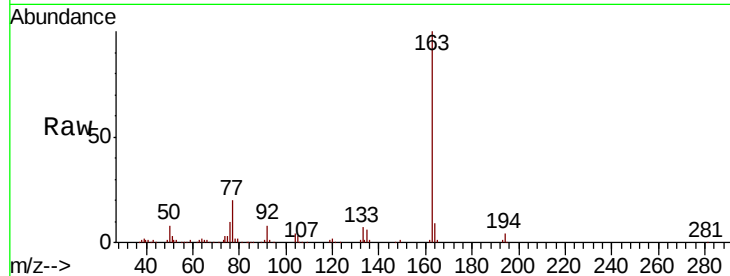




#50
Dimethylphthalate
Concen: 5.648 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Instrument :
BNA_F
ClientSampleId :
TP-4-B-S

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	9.1	8.4	12.6

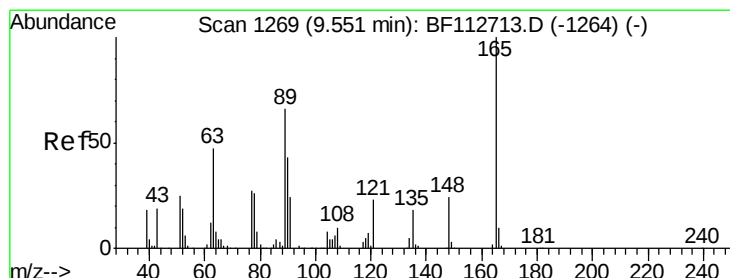
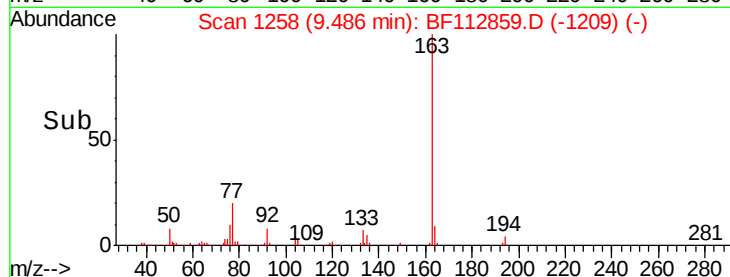
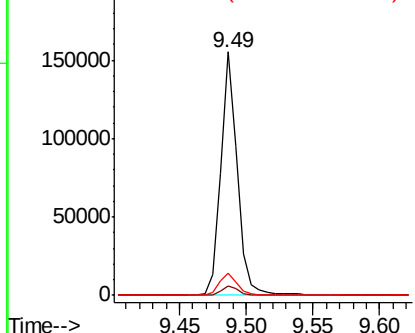


Abundance

Ion 163.00 (162.70 to 163.70): E

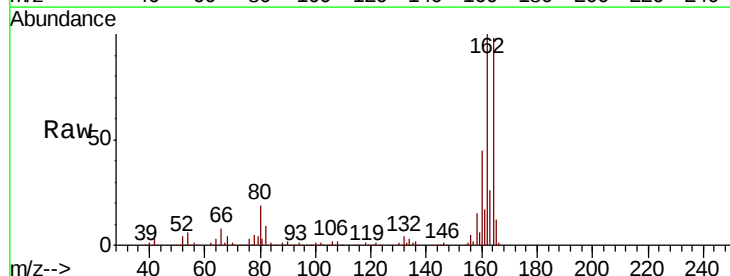
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 8.324 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.22 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	54.1	81.1#
89	1.6	52.8	79.2#

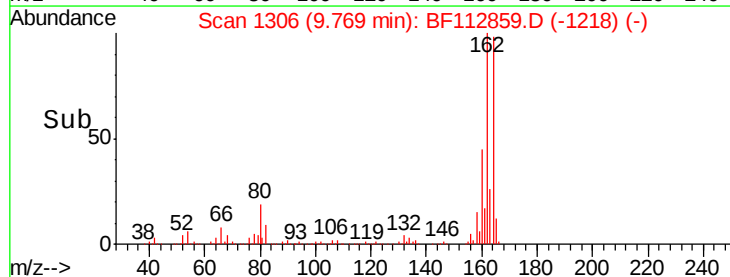
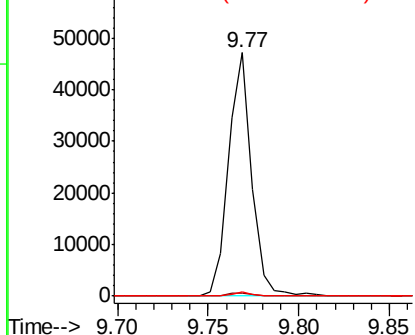


Abundance

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

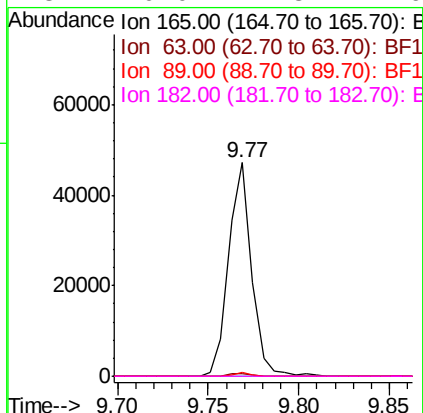
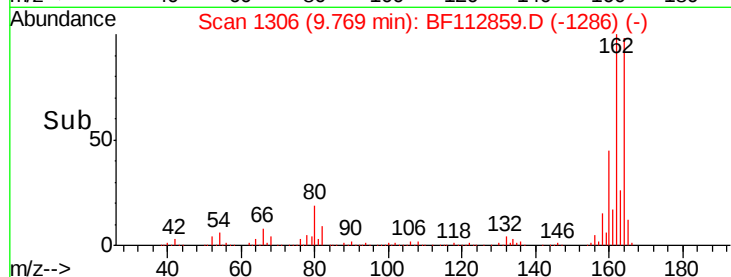
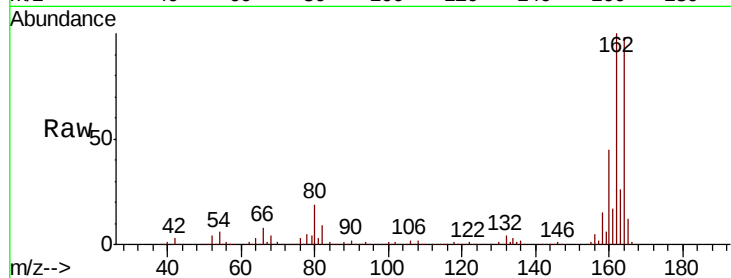




#57
2,4-Dinitrotoluene
Concen: 6.697 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

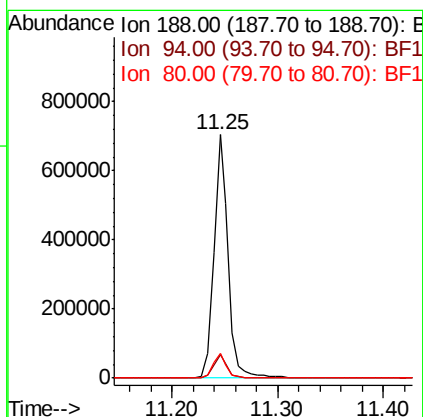
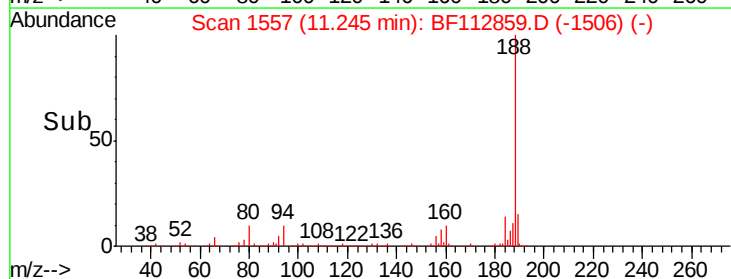
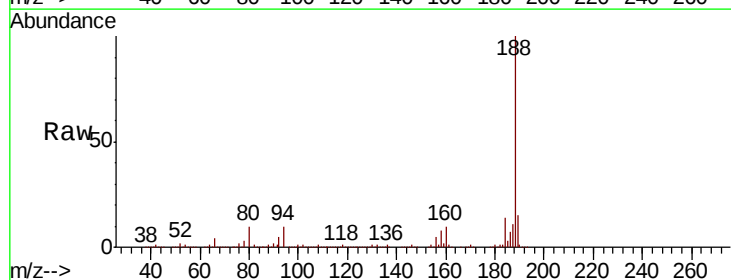
Instrument :
BNA_F
ClientSampleId :
TP-4-B-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.2	63.2#
89	1.6	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.0	13.4
80	10.2	9.2	13.8

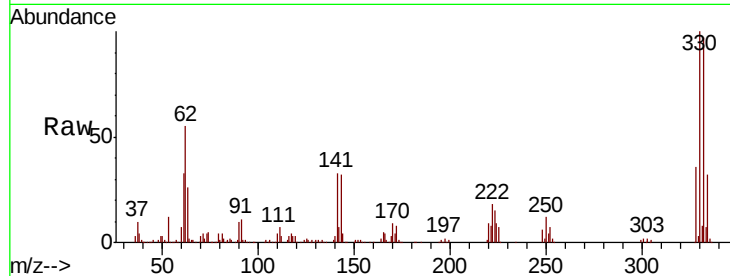




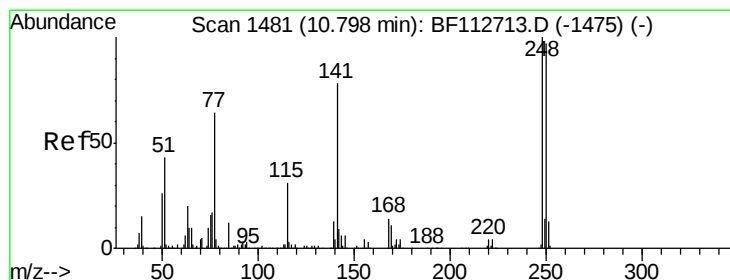
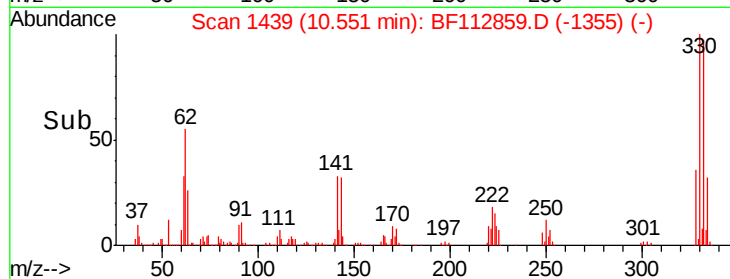
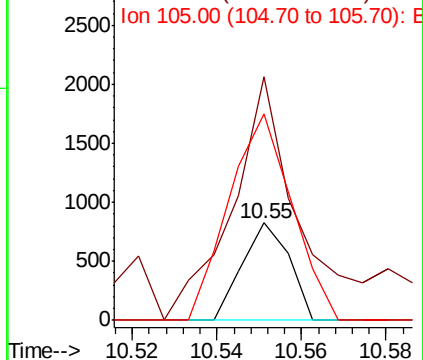
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.824 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.19 min
 Lab File: BF112859.D
 Acq: 5 Mar 2019 18:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-B-S

Tgt Ion:198 Resp: 638
 Ion Ratio Lower Upper
 198 100
 51 250.5 43.8 83.8#
 105 212.2 36.5 76.5#

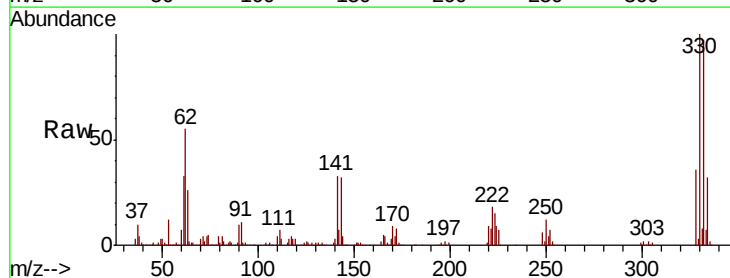


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

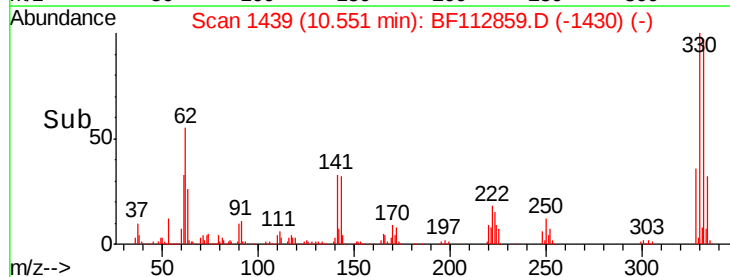
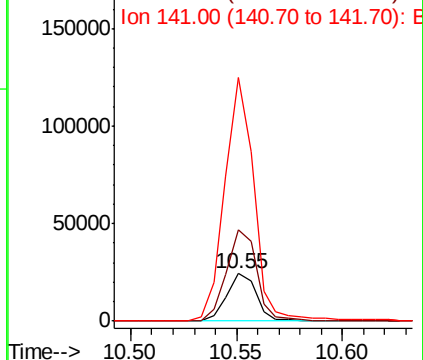


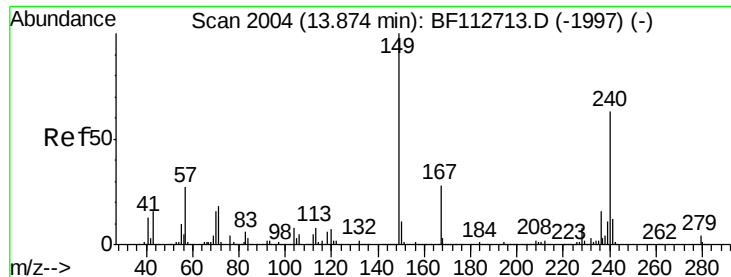
#67
 4-Bromophenyl-phenylether
 Concen: 3.363 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF112859.D
 Acq: 5 Mar 2019 18:25

Tgt Ion:248 Resp: 23580
 Ion Ratio Lower Upper
 248 100
 250 190.9 77.5 116.3#
 141 510.6 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

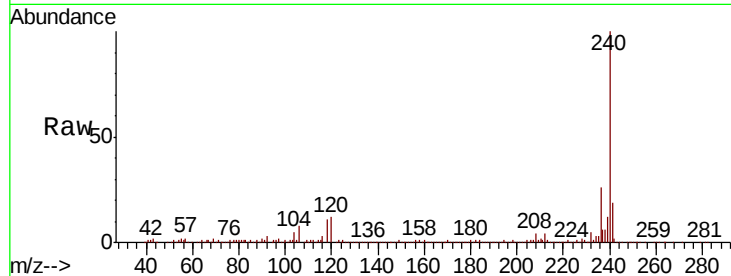




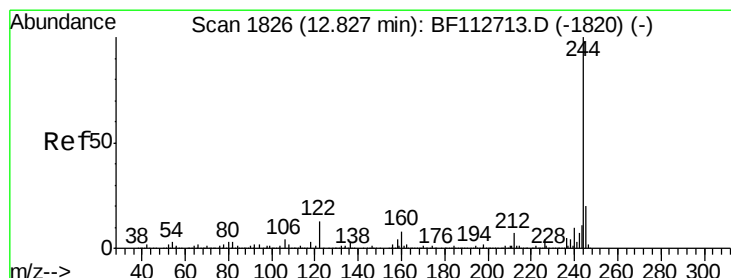
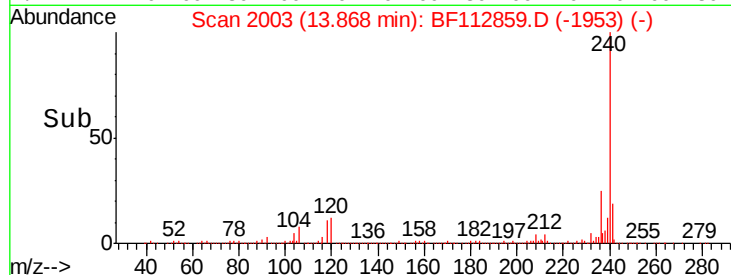
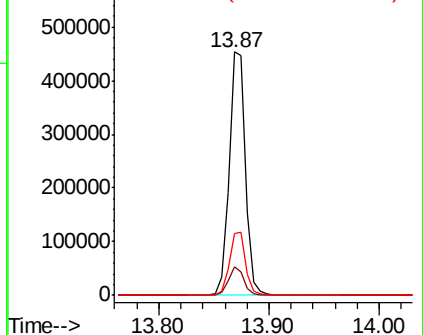
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Instrument :
BNA_F
ClientSampleId :
TP-4-B-S

Tgt Ion:240 Resp: 467678
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.6 20.7 31.1

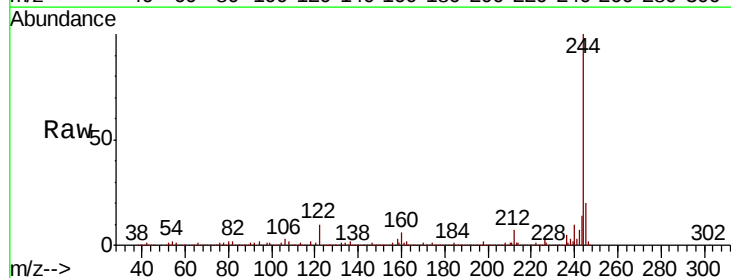


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

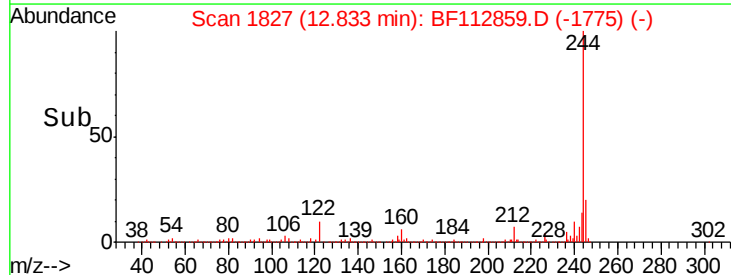
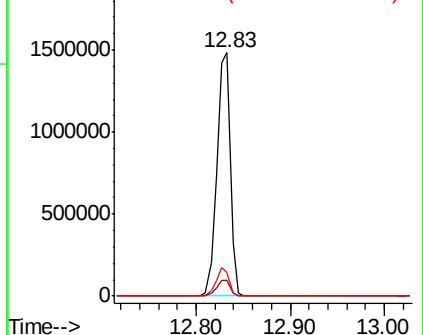


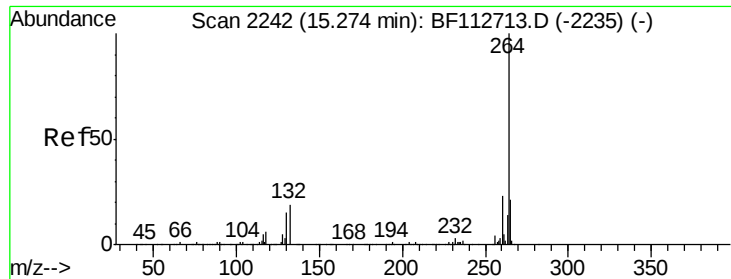
#79
Terphenyl-d14
Concen: 62.108 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Tgt Ion:244 Resp: 1498416
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 9.8 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

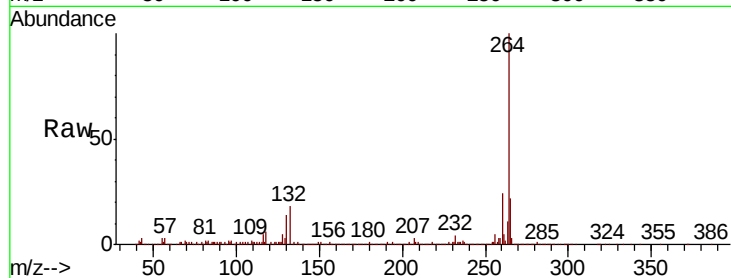




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Instrument :
BNA_F
ClientSampleId :
TP-4-B-S

Tgt Ion:264 Resp: 460986
Ion Ratio Lower Upper
264 100
260 24.3 18.7 28.1
265 21.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
500000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

