

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
 Data File : BF112850.D
 Acq On : 5 Mar 2019 12:44
 Operator : JU/SJ
 Sample : K1704-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B106-022719

Quant Time: Mar 06 01:42:51 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	173001	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	648869	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	301624	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	555918	20.00	ng	0.00
76) Chrysene-d12	13.88	240	422123	20.00	ng	0.00
87) Perylene-d12	15.29	264	446870	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	1130024	101.61	ng	0.01
7) Phenol-d6	6.38	99	1468035	105.08	ng	0.01
23) Nitrobenzene-d5	7.30	82	889235	82.00	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	389349	121.59	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1594328	88.56	ng	0.00
79) Terphenyl-d14	12.84	244	1400637	64.32	ng	0.01

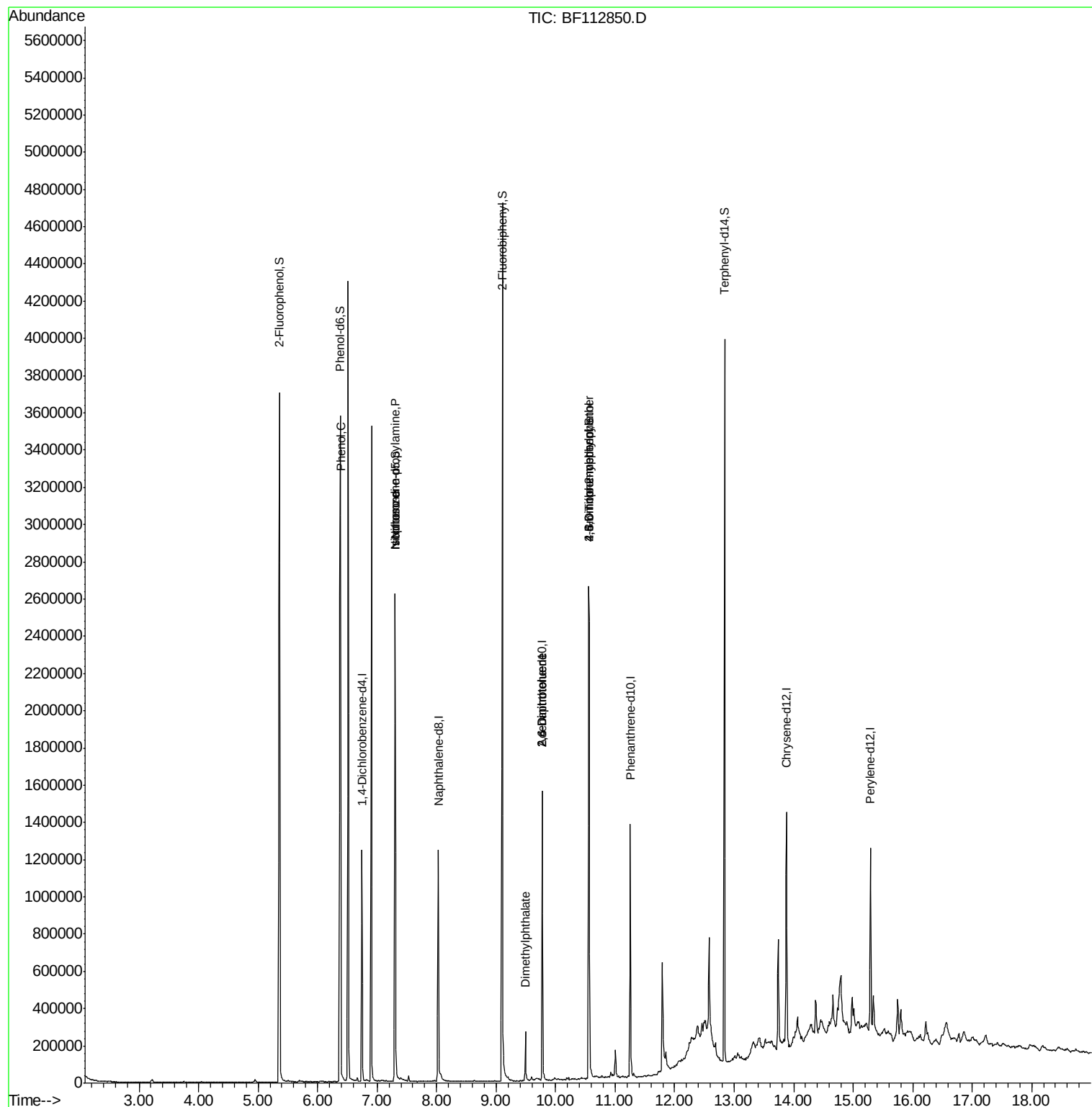
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.39	94	33833	2.075	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	118094	13.347	ng	# 78
25) Isophorone	7.30	82	861156	36.863	ng	# 66
50) Dimethylphthalate	9.49	163	115456	5.191	ng	98
51) 2,6-Dinitrotoluene	9.77	165	38133	8.234	ng	# 18
57) 2,4-Dinitrotoluene	9.77	165	38134	6.624	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.56	198	676	4.880	ng	# 1
67) 4-Bromophenyl-phenylether	10.56	248	21967	3.752	ng	# 1

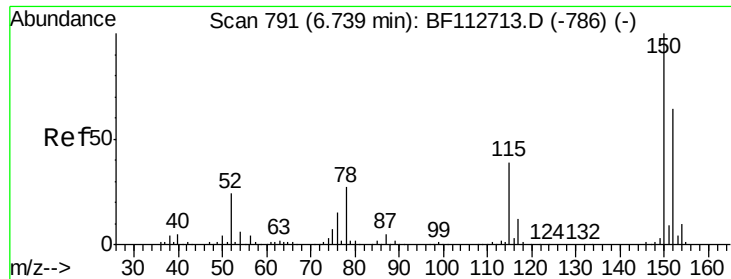
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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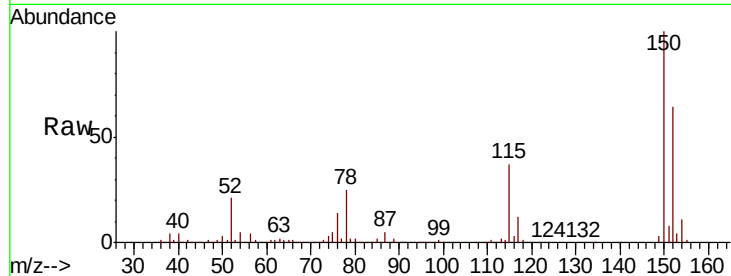


#1

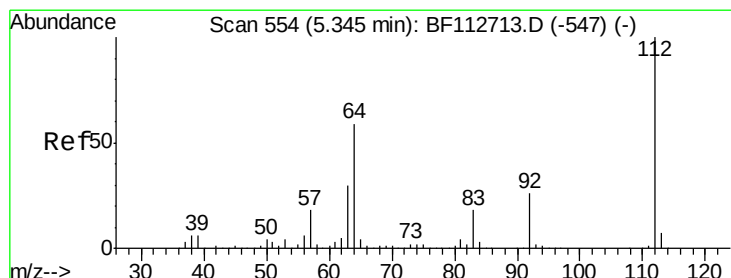
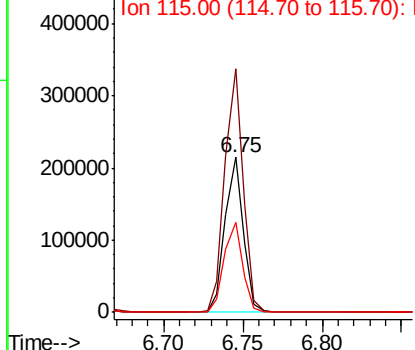
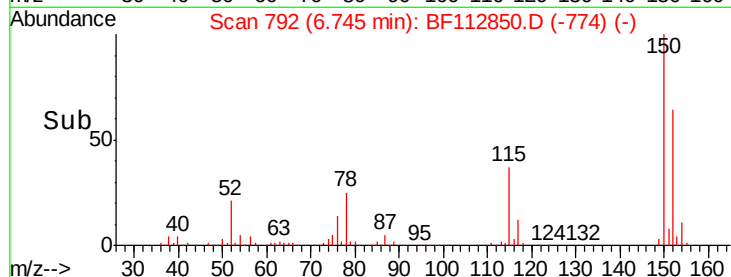
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112850.D
Acq: 5 Mar 2019 12:44

Instrument :
BNA_F
ClientSampleId :
PST-028-B106-022719

Tgt Ion:152 Resp: 173001
Ion Ratio Lower Upper
152 100
150 157.3 124.2 186.2
115 58.4 48.2 72.4



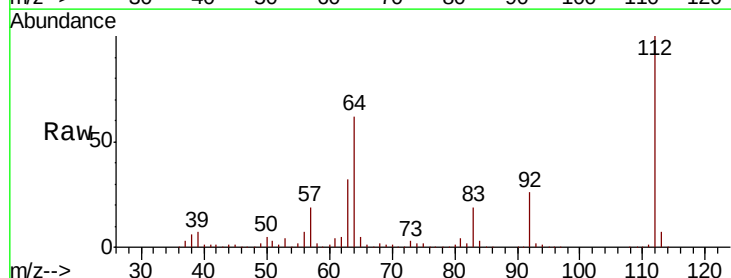
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



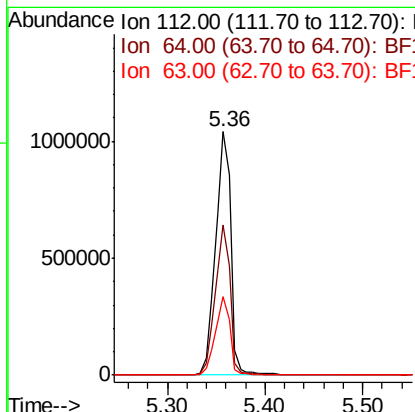
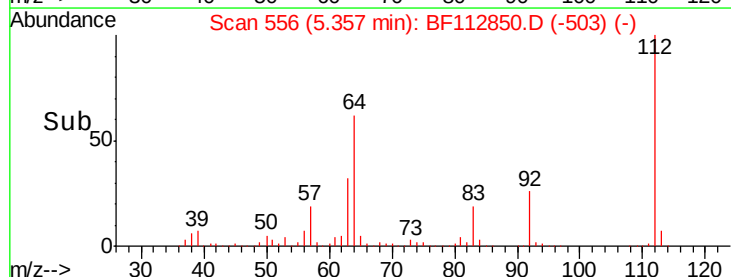
#5

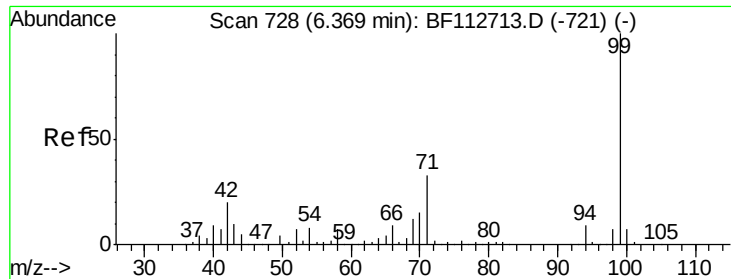
2-Fluorophenol
Concen: 101.606 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112850.D
Acq: 5 Mar 2019 12:44

Tgt Ion:112 Resp: 1130024
Ion Ratio Lower Upper
112 100
64 61.8 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: 105.081 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112850.D

Acq: 5 Mar 2019 12:44

Instrument :

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ClientSampleId :

PST-028-B106-022719

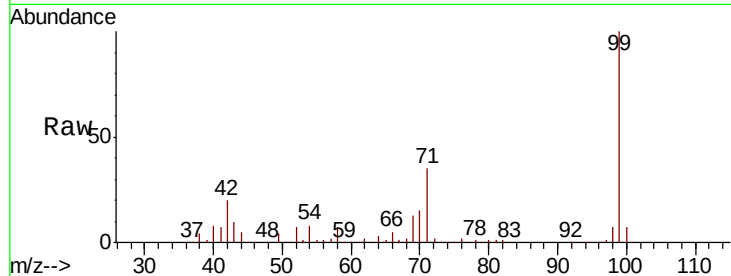
Tgt Ion: 99 Resp: 1468035

Ion Ratio Lower Upper

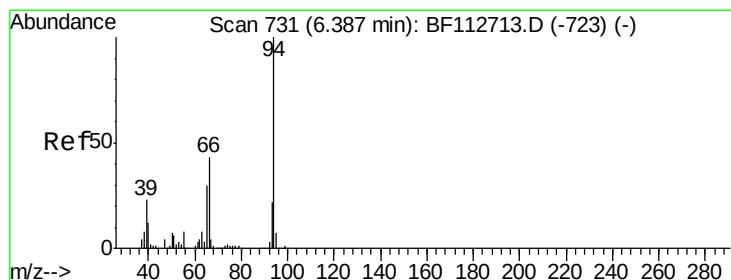
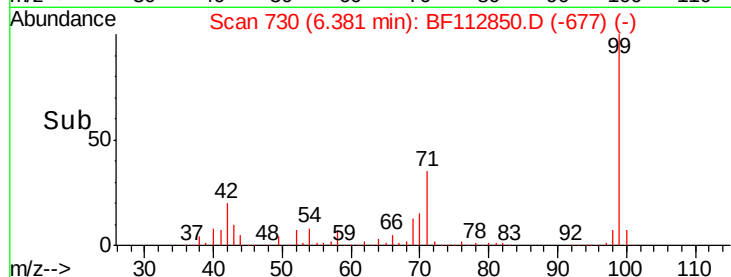
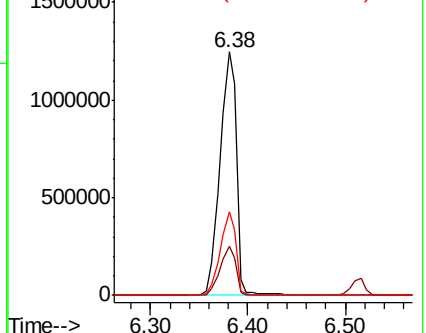
99 100

42 20.1 16.3 24.5

71 34.5 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



#10

Phenol

Concen: 2.075 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF112850.D

Acq: 5 Mar 2019 12:44

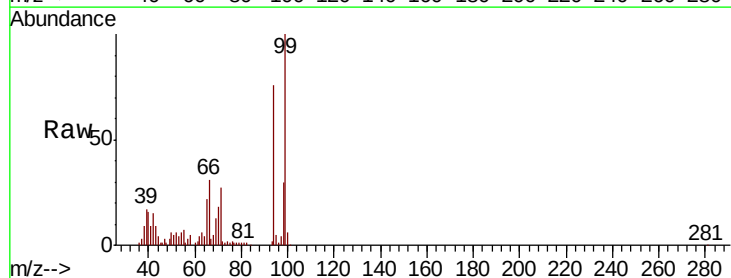
Tgt Ion: 94 Resp: 33833

Ion Ratio Lower Upper

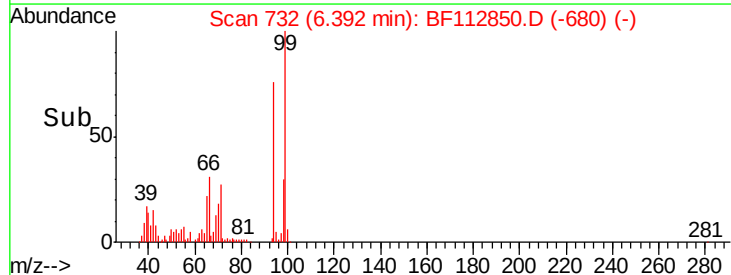
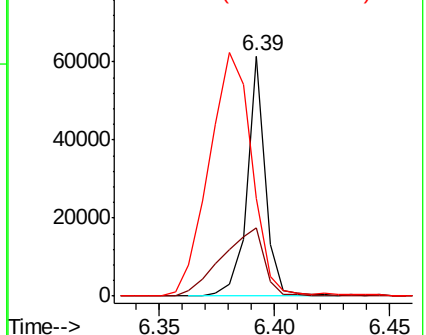
94 100

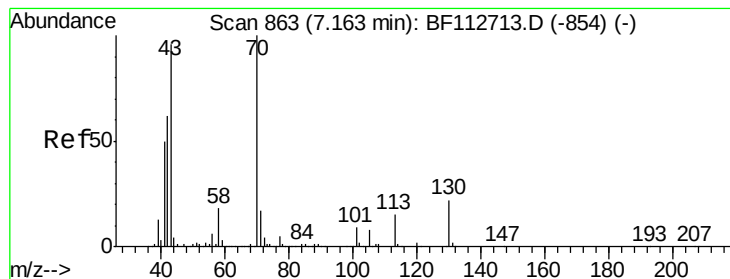
65 28.7 10.5 50.5

66 40.9 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





#19

n-Nitroso-di-n-propylamine

Concen: 13.347 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.14 min

Lab File: BF112850.D

Acq: 5 Mar 2019 12:44

Instrument :

BNA_F

ClientSampleId :

PST-028-B106-022719

Tgt Ion: 70 Resp: 118094

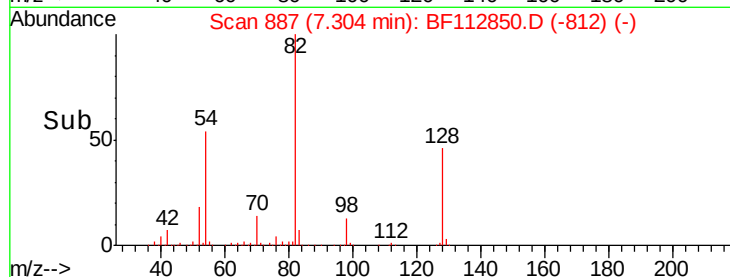
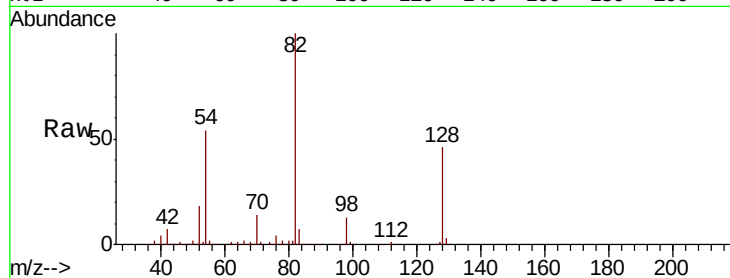
Ion Ratio Lower Upper

70 100

42 50.6 49.9 74.9

101 0.0 7.4 11.2#

130 2.3 17.4 26.2#

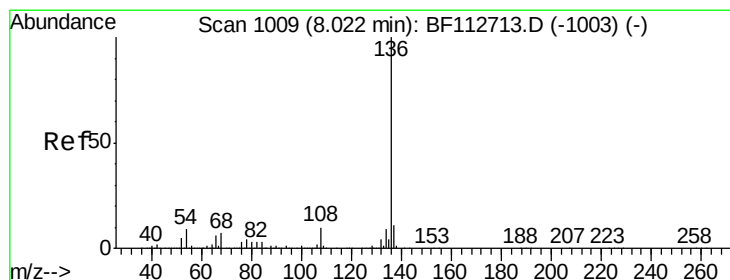
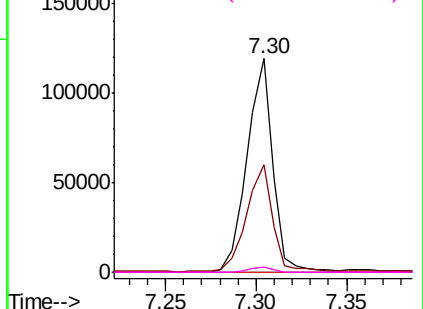


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112850.D

Acq: 5 Mar 2019 12:44

Tgt Ion: 136 Resp: 648869

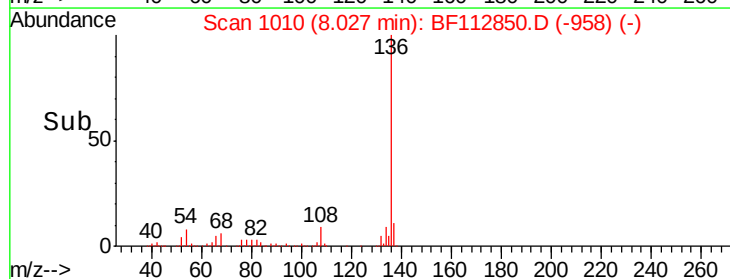
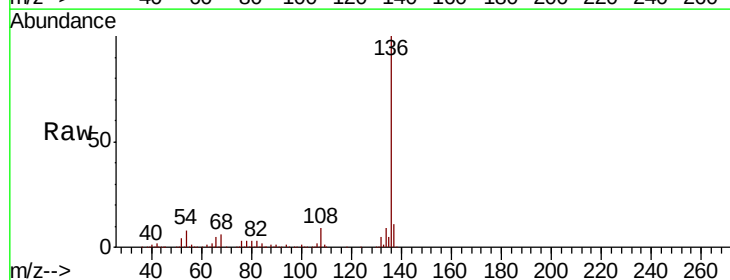
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.9 7.3 10.9

68 5.7 5.4 8.2

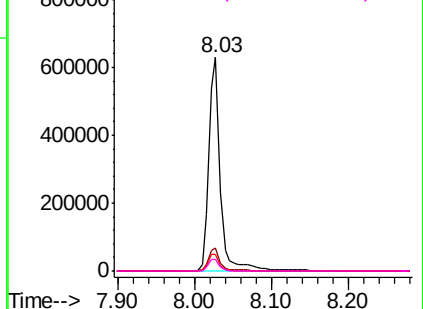


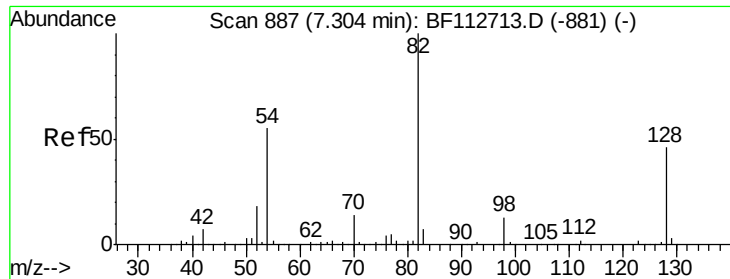
Abundance Ion 136.00 (135.70 to 136.70): E

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

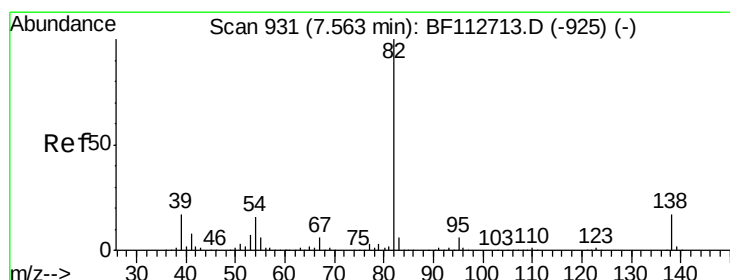
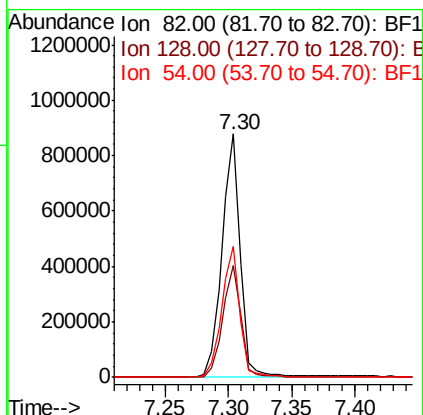
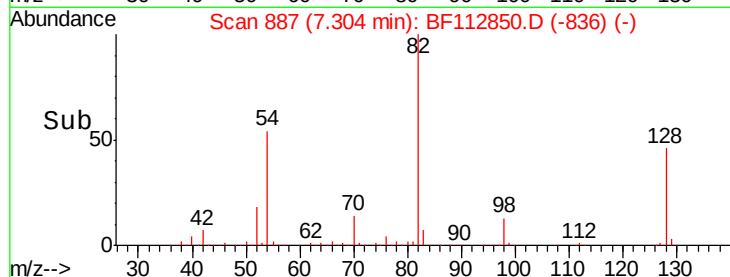
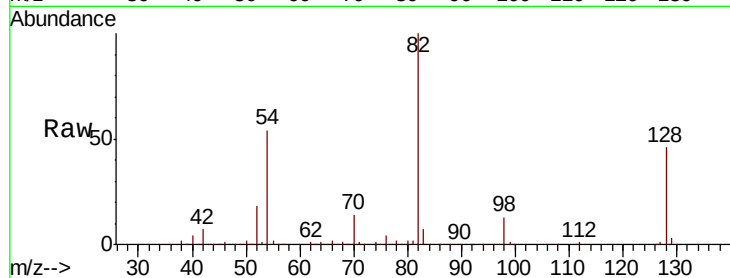




#23
Nitrobenzene-d5
Concen: 82.004 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF112850.D
Acq: 5 Mar 2019 12:44

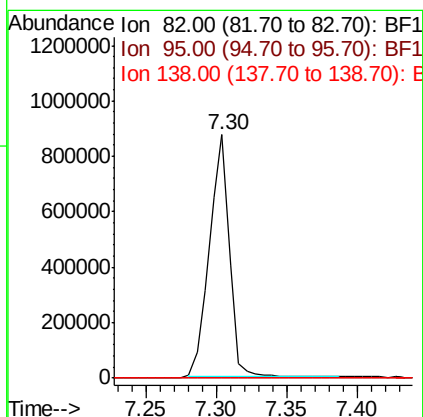
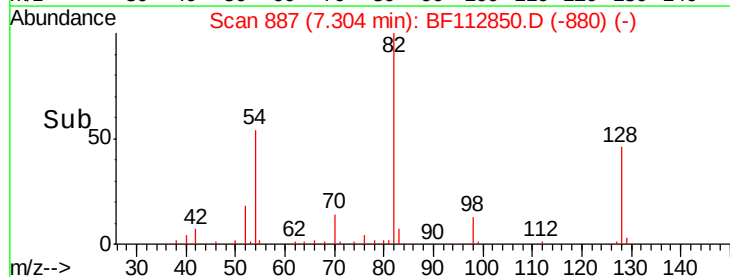
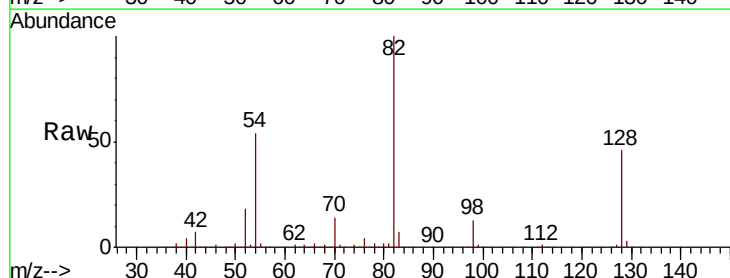
Instrument :
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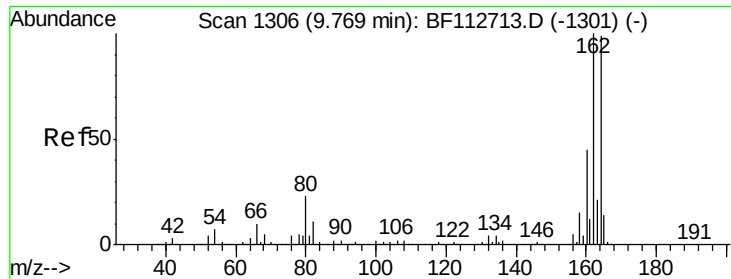
Tgt Ion: 82 Resp: 889235
Ion Ratio Lower Upper
82 100
128 45.8 36.3 54.5
54 54.0 43.7 65.5



#25
Isophorone
Concen: 36.863 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.26 min
Lab File: BF112850.D
Acq: 5 Mar 2019 12:44

Tgt Ion: 82 Resp: 861156
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#

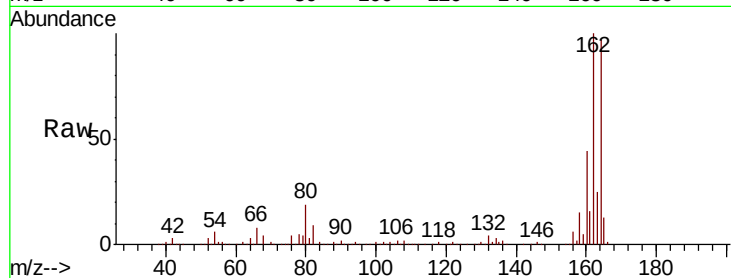




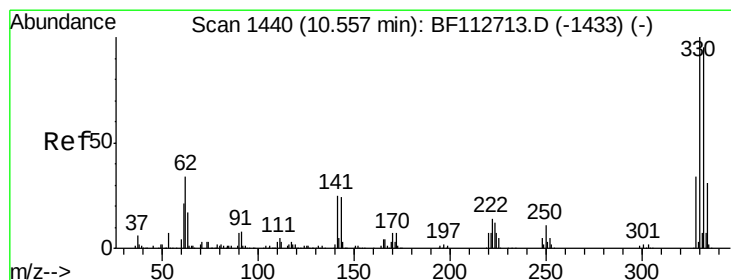
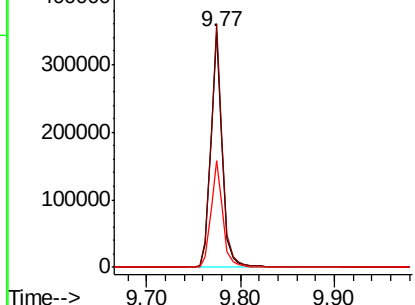
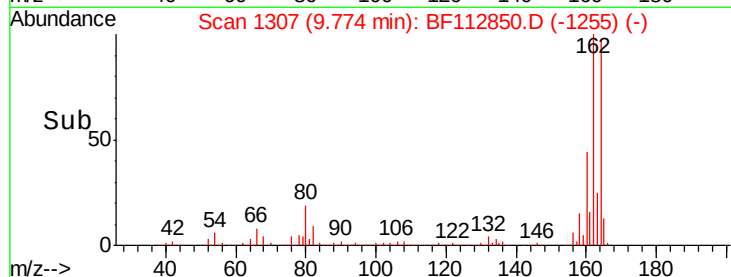
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF112850.D
 Acq: 5 Mar 2019 12:44

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B106-022719

Tgt Ion:164 Resp: 301624
 Ion Ratio Lower Upper
 164 100
 162 103.6 80.6 120.8
 160 45.4 36.0 54.0

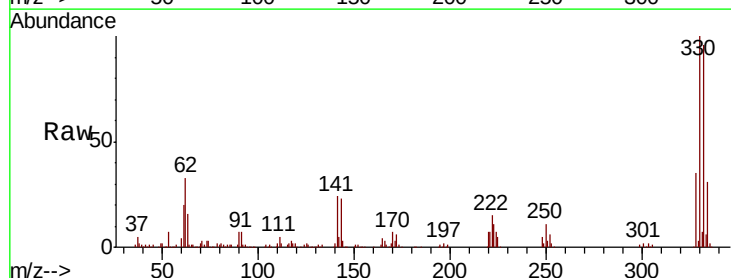


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

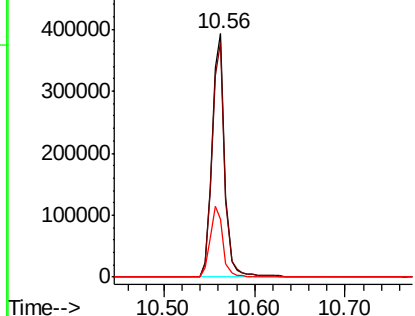
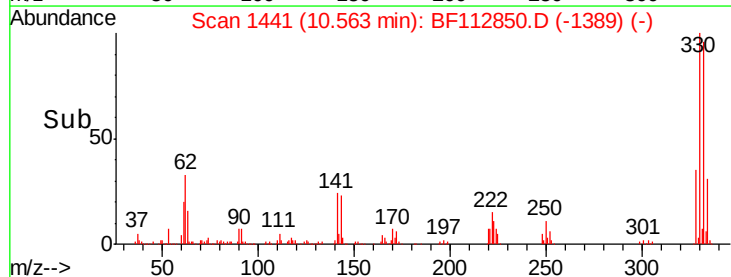


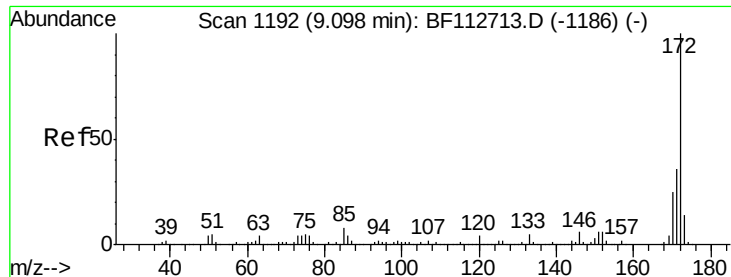
#42
 2,4,6-Tribromophenol
 Concen: 121.591 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF112850.D
 Acq: 5 Mar 2019 12:44

Tgt Ion:330 Resp: 389349
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.2 114.4
 141 29.9 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

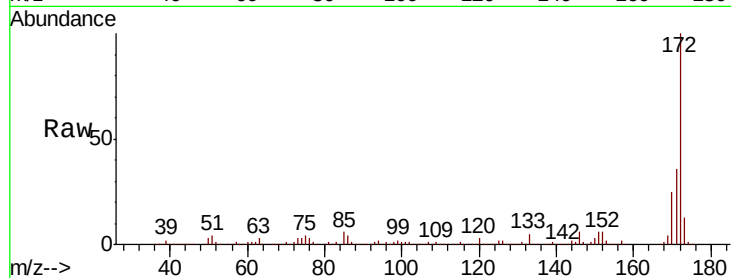




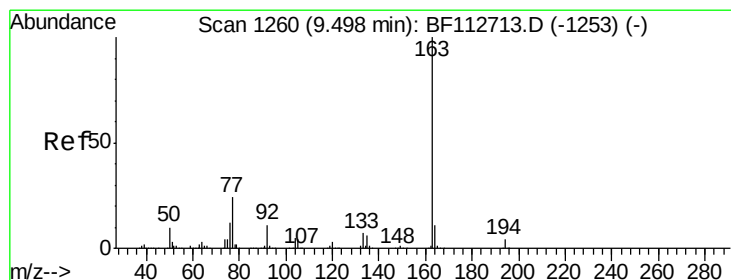
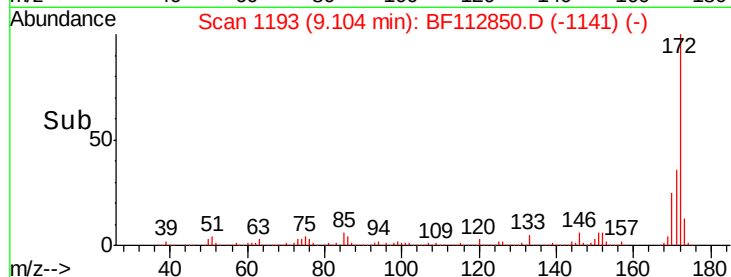
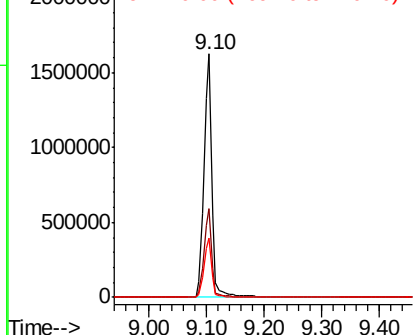
#45
2-Fluorobiphenyl
Concen: 88.557 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112850.D
Acq: 5 Mar 2019 12:44

Instrument :
BNA_F
ClientSampleId :
PST-028-B106-022719

Tgt Ion:172 Resp: 1594328
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.5 20.0 30.0

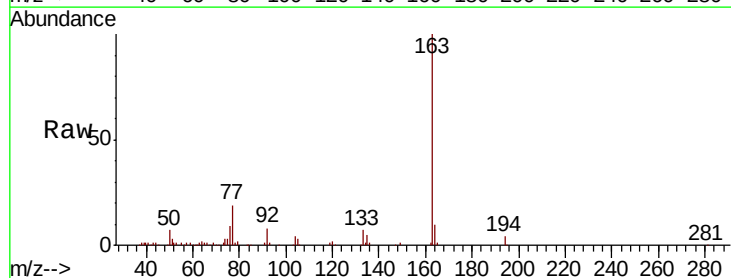


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

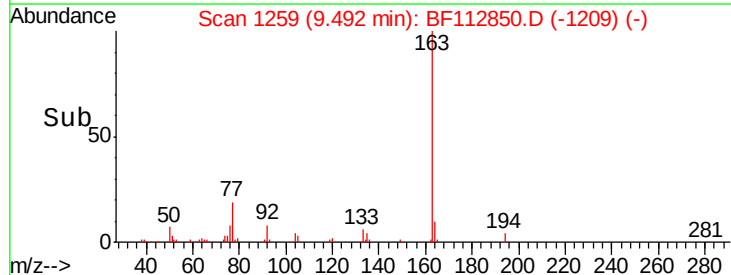
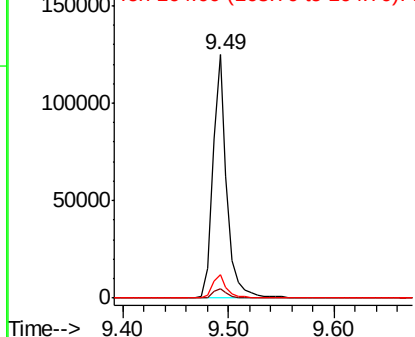


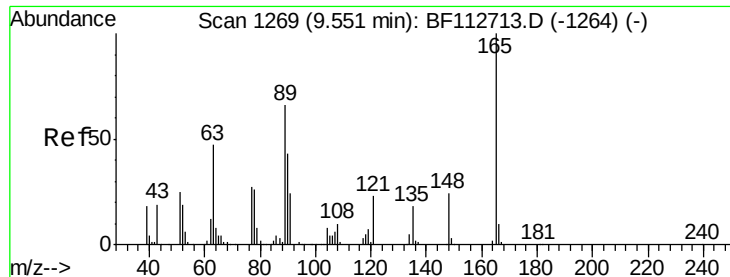
#50
Dimethylphthalate
Concen: 5.191 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112850.D
Acq: 5 Mar 2019 12:44

Tgt Ion:163 Resp: 115456
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 9.8 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

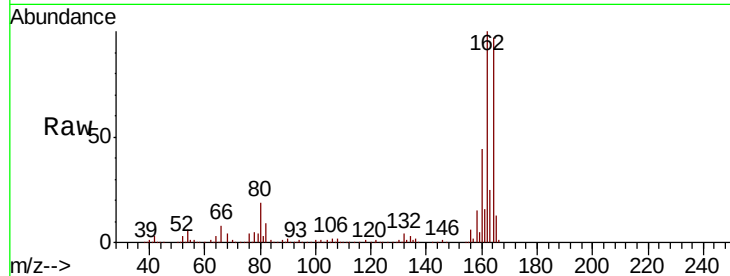




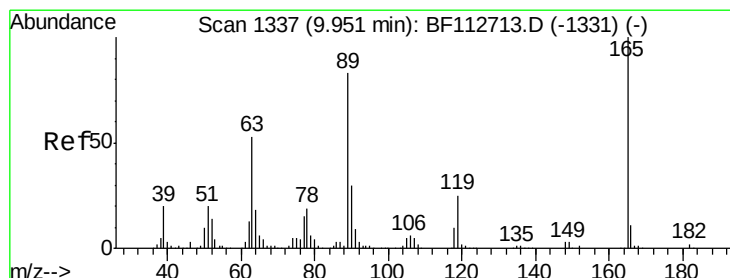
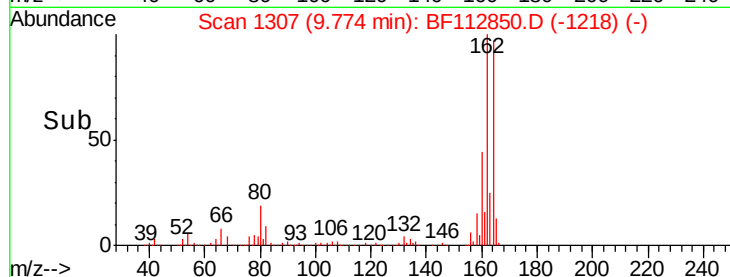
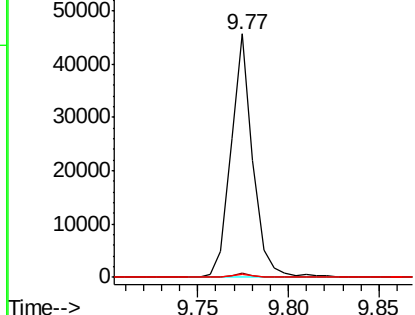
#51
 2,6-Dinitrotoluene
 Concen: 8.234 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.22 min
 Lab File: BF112850.D
 Acq: 5 Mar 2019 12:44

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B106-022719

Tgt Ion:165 Resp: 38133
 Ion Ratio Lower Upper
 165 100
 63 1.5 54.1 81.1#
 89 1.2 52.8 79.2#



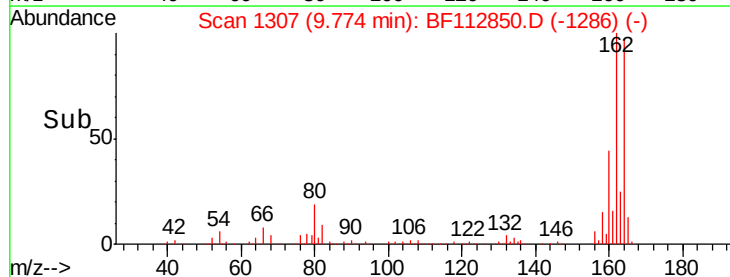
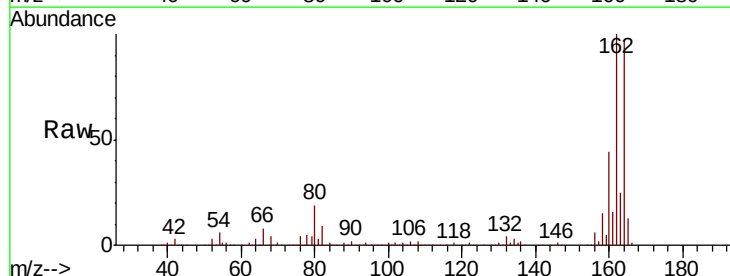
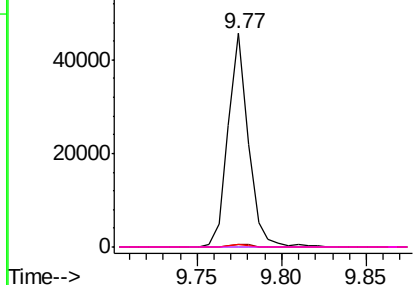
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

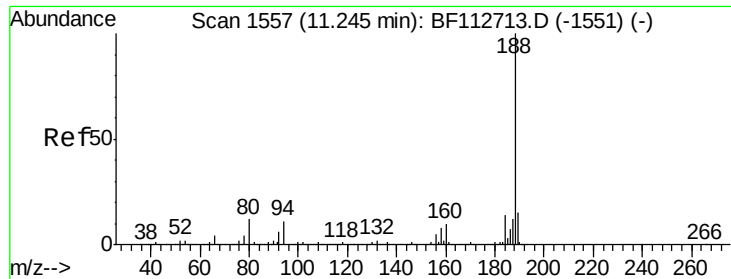


#57
 2,4-Dinitrotoluene
 Concen: 6.624 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.18 min
 Lab File: BF112850.D
 Acq: 5 Mar 2019 12:44

Tgt Ion:165 Resp: 38134
 Ion Ratio Lower Upper
 165 100
 63 1.5 42.2 63.2#
 89 1.2 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

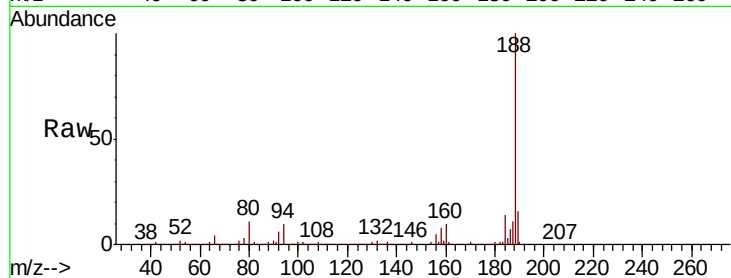




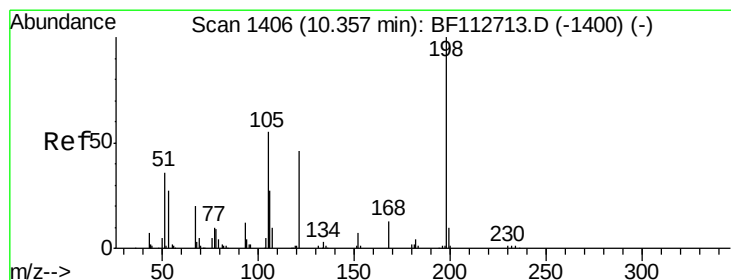
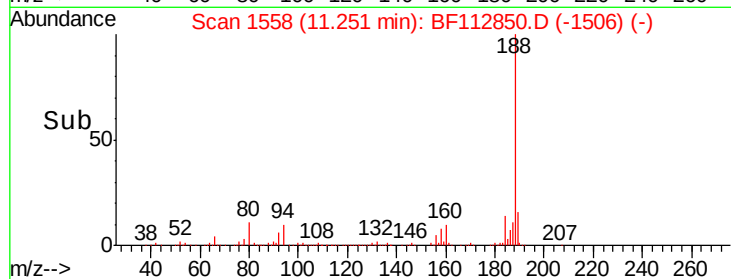
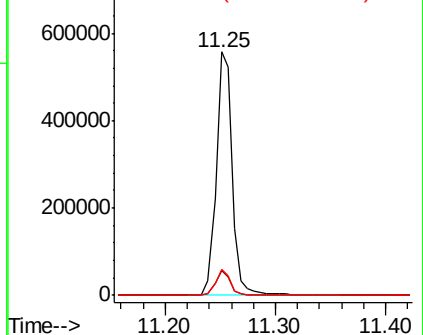
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112850.D
Acq: 5 Mar 2019 12:44

Instrument :
BNA_F
ClientSampleId :
PST-028-B106-022719

Tgt Ion:188 Resp: 555918
Ion Ratio Lower Upper
188 100
94 10.4 9.0 13.4
80 10.6 9.2 13.8

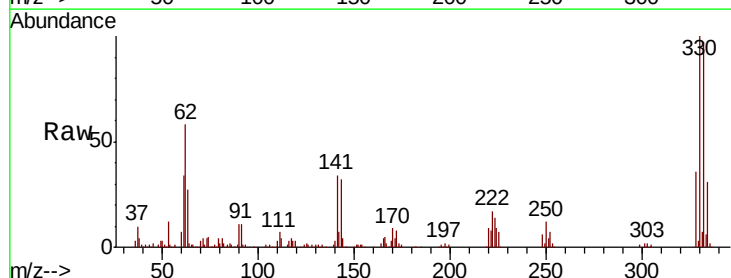


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

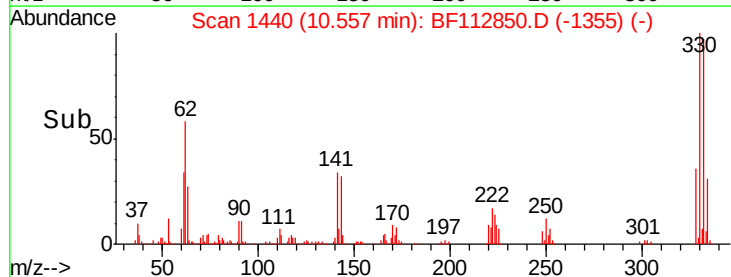
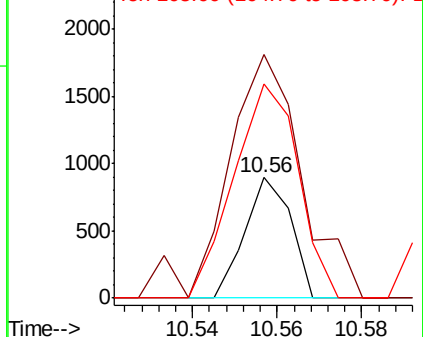


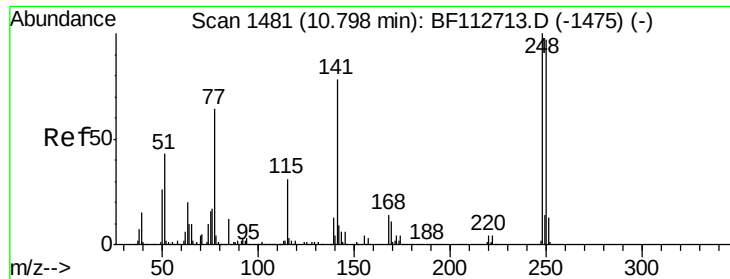
#65
4,6-Dinitro-2-methylphenol
Concen: 4.880 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.20 min
Lab File: BF112850.D
Acq: 5 Mar 2019 12:44

Tgt Ion:198 Resp: 676
Ion Ratio Lower Upper
198 100
51 202.1 43.8 83.8#
105 177.7 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

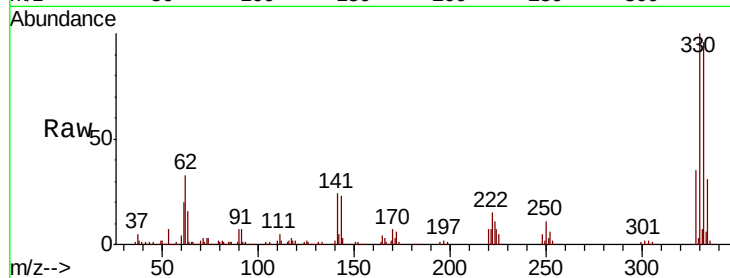




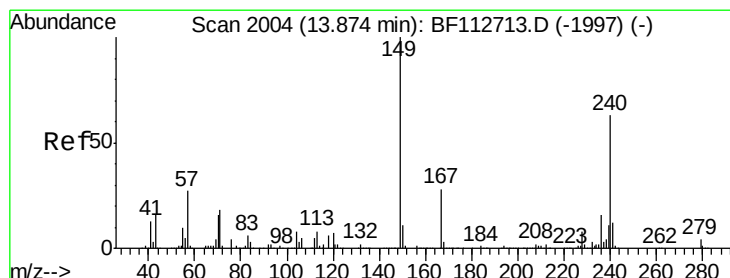
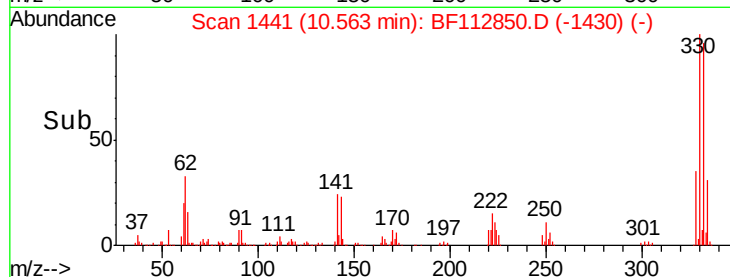
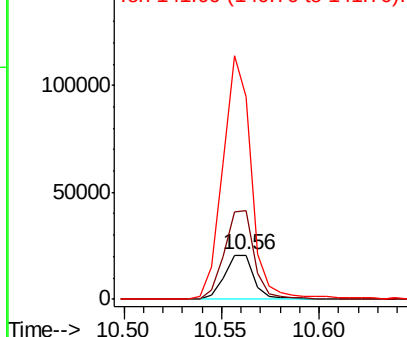
#67
4-Bromophenyl-phenylether
Concen: 3.752 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.24 min
Lab File: BF112850.D
Acq: 5 Mar 2019 12:44

Instrument :
BNA_F
ClientSampleId :
PST-028-B106-022719

Tgt Ion:248 Resp: 21967
Ion Ratio Lower Upper
248 100
250 198.3 77.5 116.3#
141 454.6 62.4 93.6#

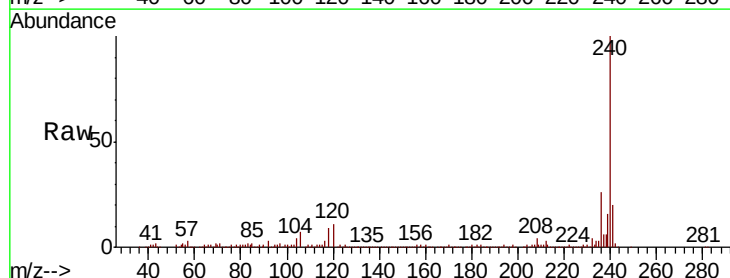


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

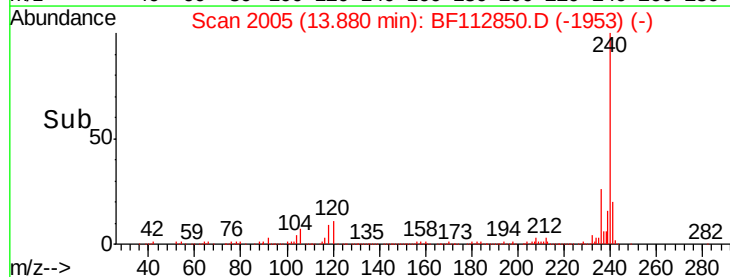
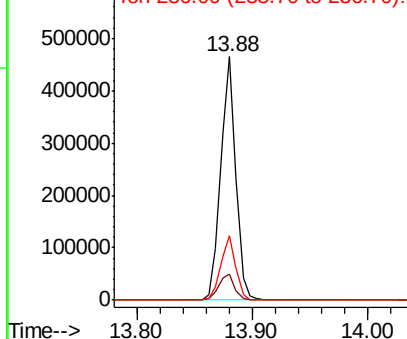


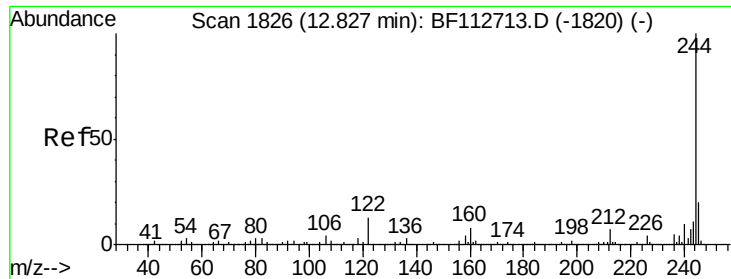
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112850.D
Acq: 5 Mar 2019 12:44

Tgt Ion:240 Resp: 422123
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.4 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

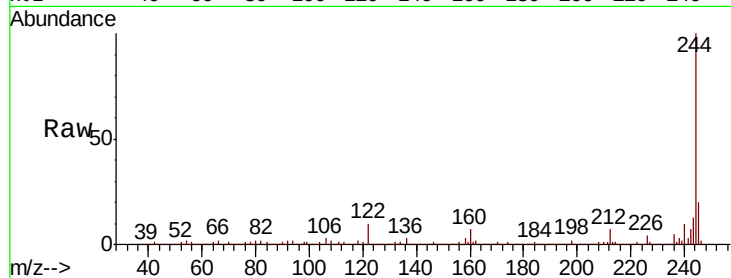




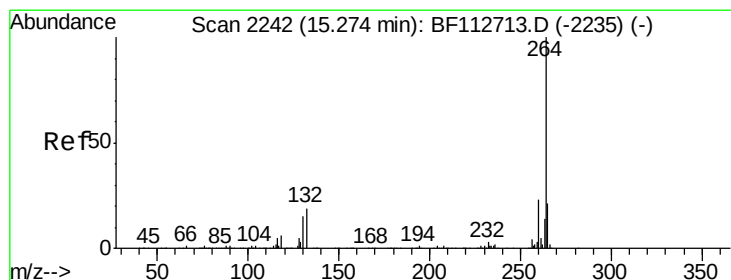
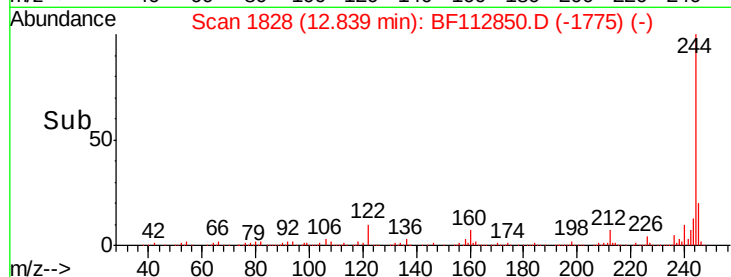
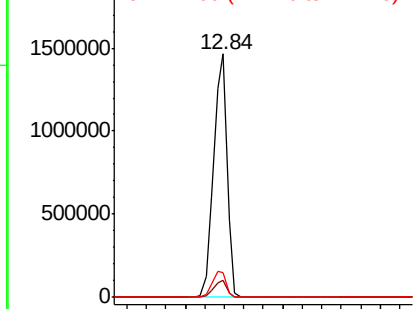
#79
 Terphenyl-d14
 Concen: 64.321 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF112850.D
 Acq: 5 Mar 2019 12:44

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B106-022719

Tgt Ion:244 Resp: 1400637
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.2 10.5 15.7#

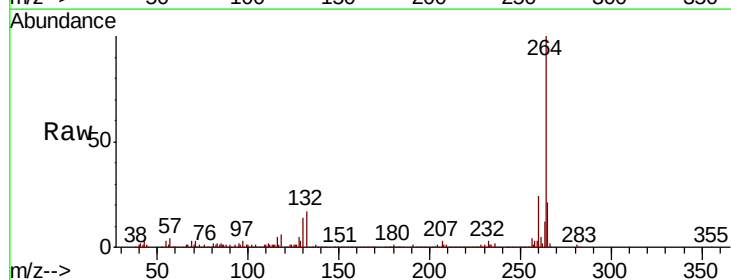


Abundance Ion 244.00 (243.70 to 244.70): E
 2000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.02 min
 Lab File: BF112850.D
 Acq: 5 Mar 2019 12:44

Tgt Ion:264 Resp: 446870
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 21.2 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

