

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
 Data File : BF112941.D
 Acq On : 8 Mar 2019 13:50
 Operator : JU/SJ
 Sample : K1807-27
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 22:07:04 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

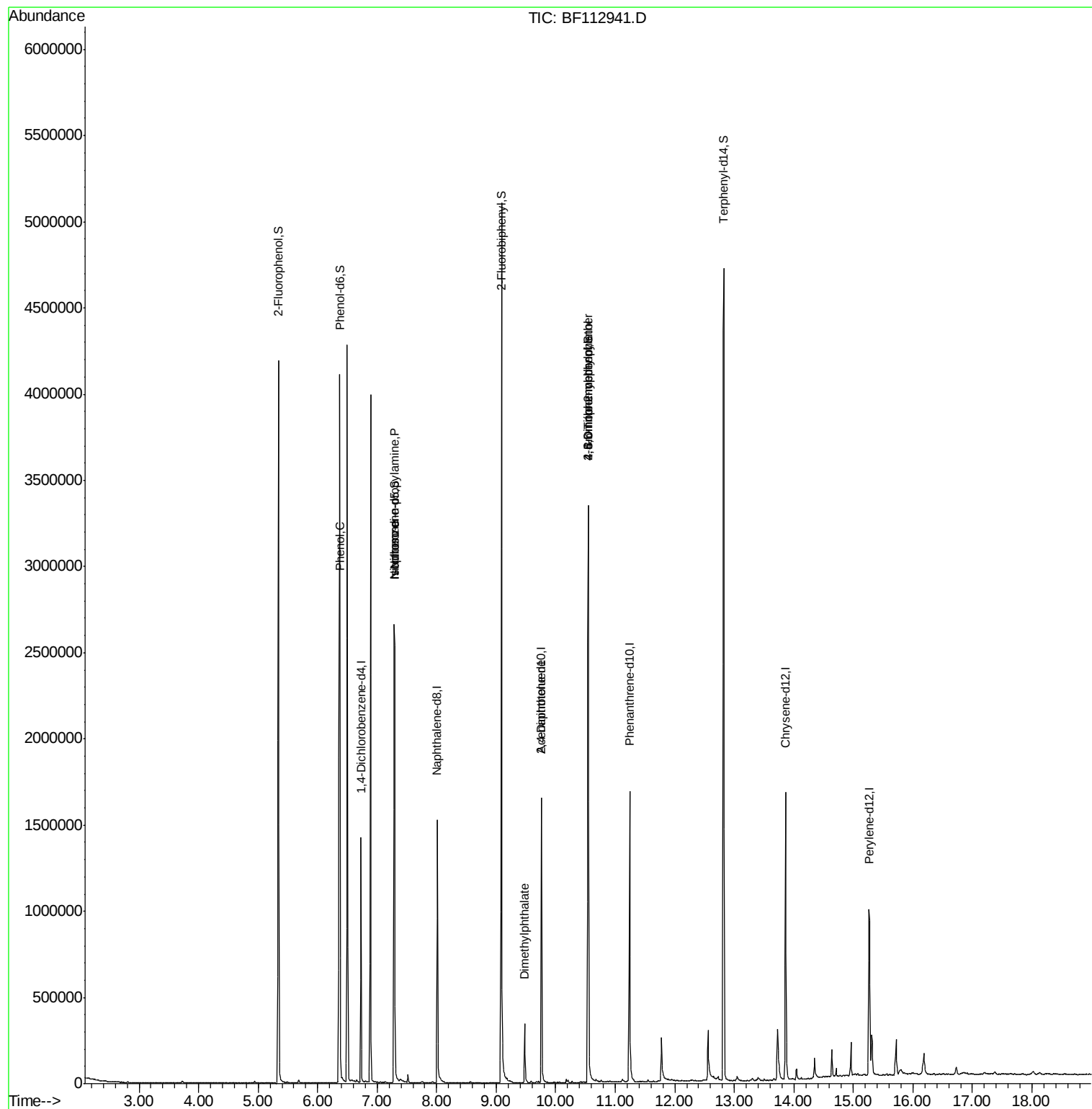
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	202318	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	772089	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	369036	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	780812	20.00	ng	0.00
76) Chrysene-d12	13.86	240	663486	20.00	ng	-0.01
87) Perylene-d12	15.26	264	540859	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1270916	97.72	ng	0.00
7) Phenol-d6	6.37	99	1655902	101.35	ng	0.00
23) Nitrobenzene-d5	7.29	82	1009302	78.22	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	491690	125.50	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1731856	75.49	ng	-0.01
79) Terphenyl-d14	12.82	244	1845144	53.91	ng	0.00
Target Compounds						
10) Phenol	6.38	94	126076	6.613	ng	88
19) n-Nitroso-di-n-propylamine	7.29	70	130830	12.644	ng	# 77
25) Isophorone	7.29	82	997219	35.874	ng	# 66
50) Dimethylphthalate	9.48	163	164601	6.049	ng	99
57) 2,4-Dinitrotoluene	9.76	165	47396	6.729	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	1001	4.895	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	28343	3.446	ng	# 1

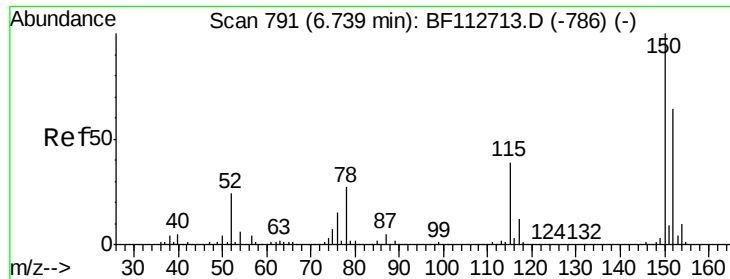
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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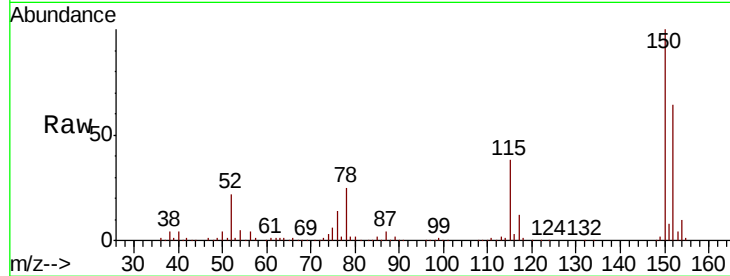


#1

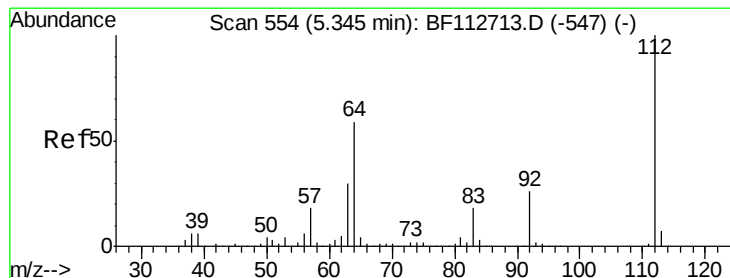
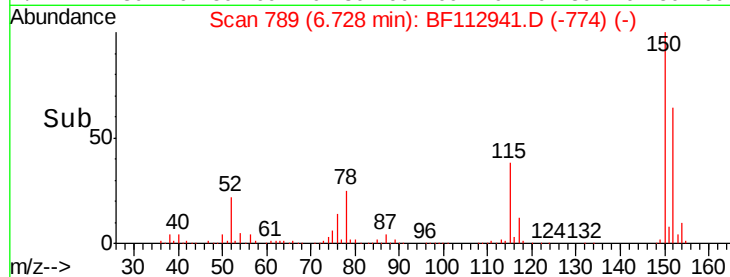
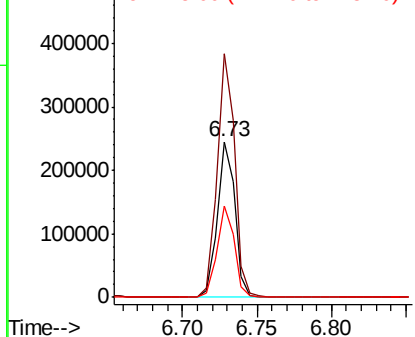
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112941.D
Acq: 8 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 202318
Ion Ratio Lower Upper
152 100
150 156.7 124.2 186.2
115 59.1 48.2 72.4



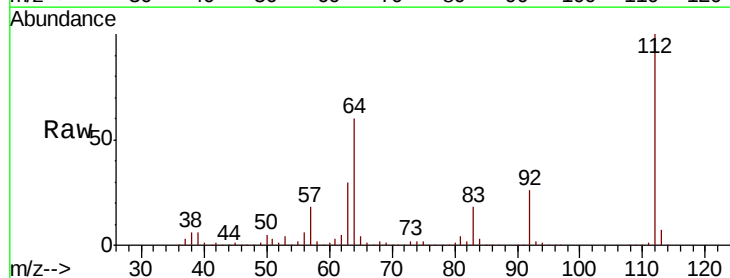
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



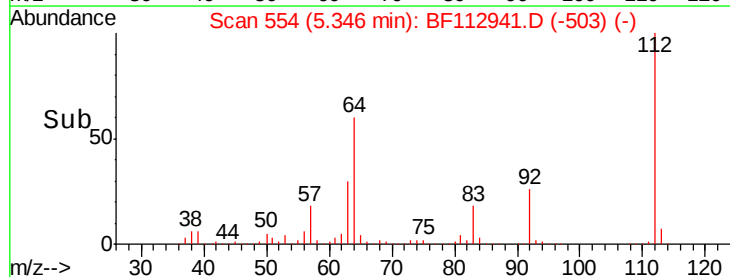
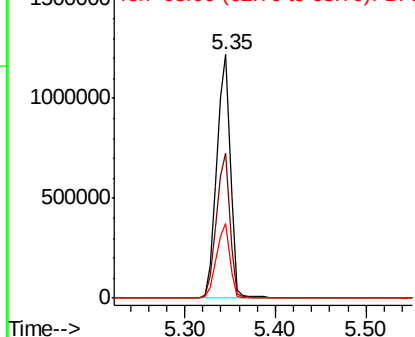
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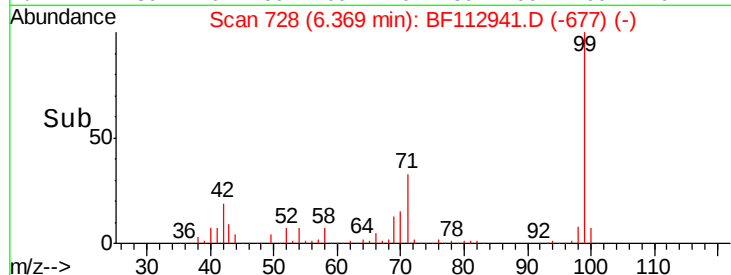
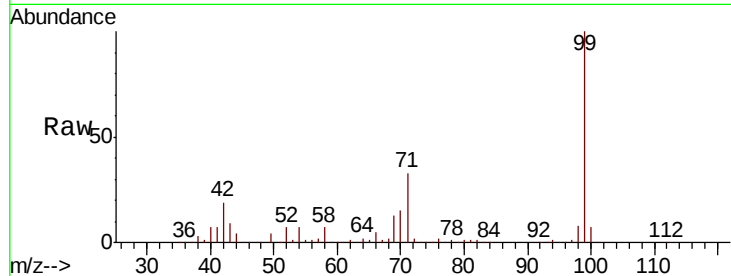
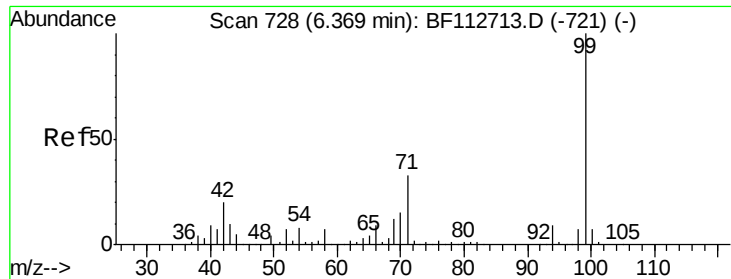
2-Fluorophenol
Concen: 97.716 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112941.D
Acq: 8 Mar 2019 13:50

Tgt Ion:112 Resp: 1270916
Ion Ratio Lower Upper
112 100
64 59.7 47.6 71.4
63 30.4 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: 101.353 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112941.D

Acq: 8 Mar 2019 13:50

Instrument :

BNA_F

ClientSampleId :

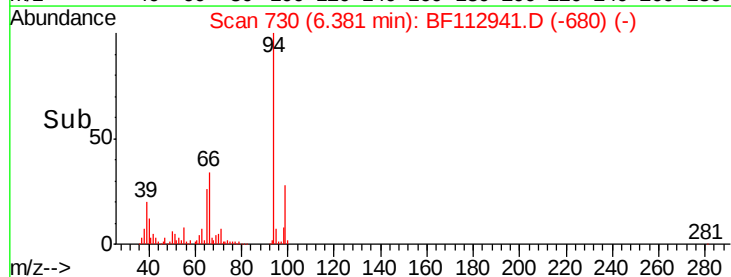
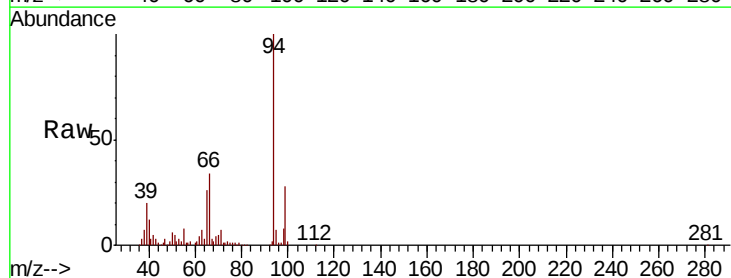
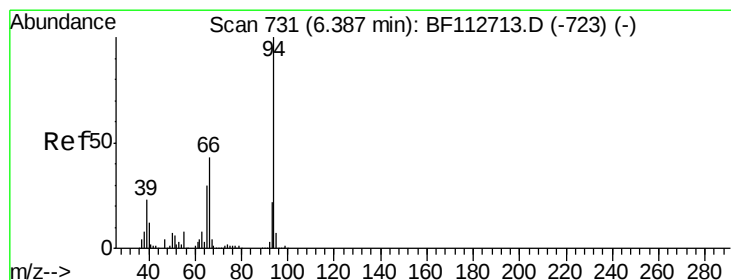
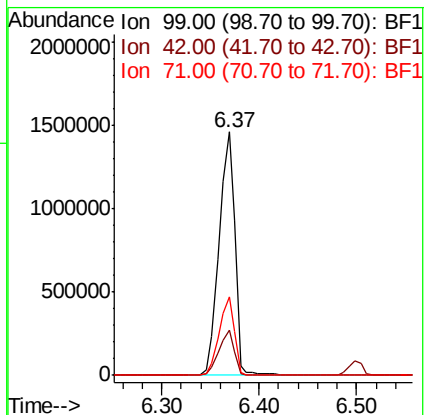
Tot Ion: 99 Resp: 1655902

Ion Ratio Lower Upper

99 100

42 18.7 16.3 24.5

71 32.5 26.2 39.4



#10

Phenol

Concen: 6.613 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112941.D

Acq: 8 Mar 2019 13:50

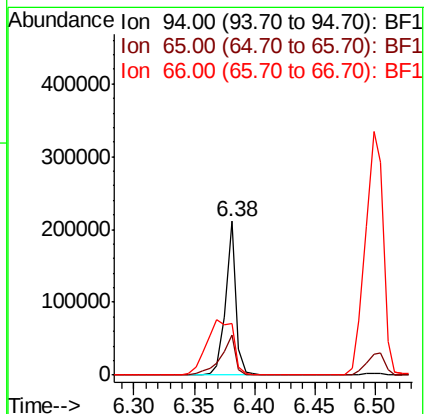
Tgt Ion: 94 Resp: 126076

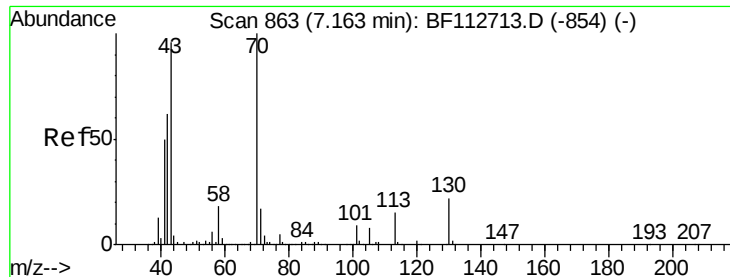
Ion Ratio Lower Upper

94 100

65 25.8 10.5 50.5

66 33.9 22.6 62.6

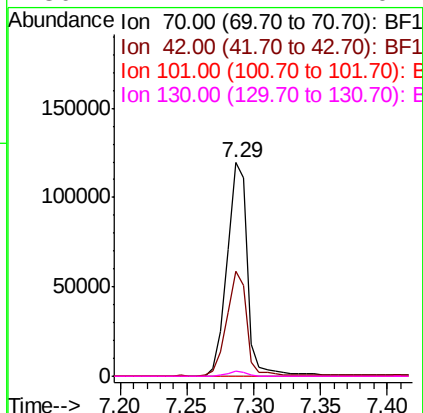
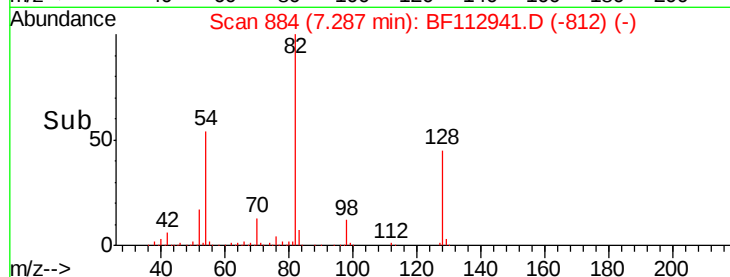
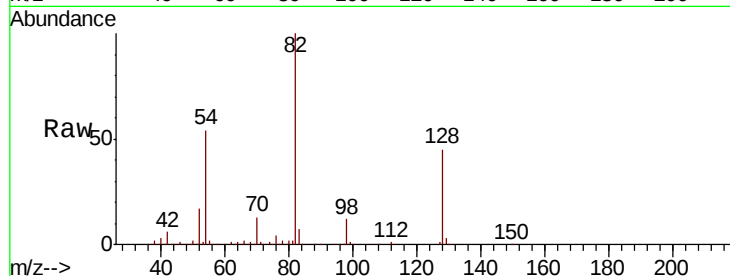




#19
n-Nitroso-di-n-propylamine
Concen: 12.644 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112941.D
Acq: 8 Mar 2019 13:50

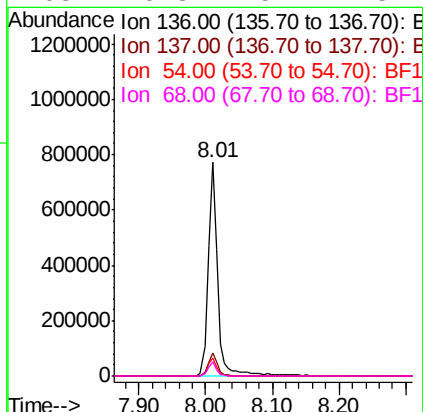
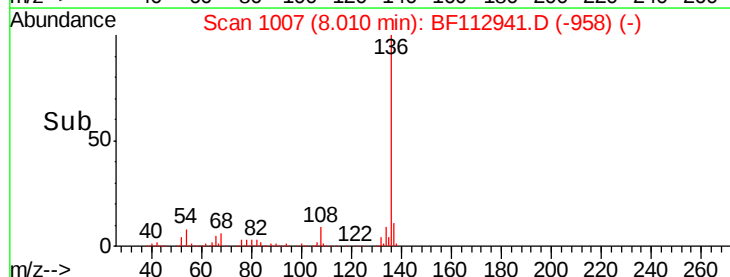
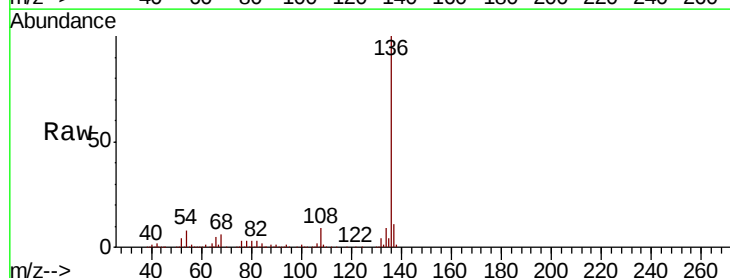
Instrument :
BNA_F
ClientSampleId :

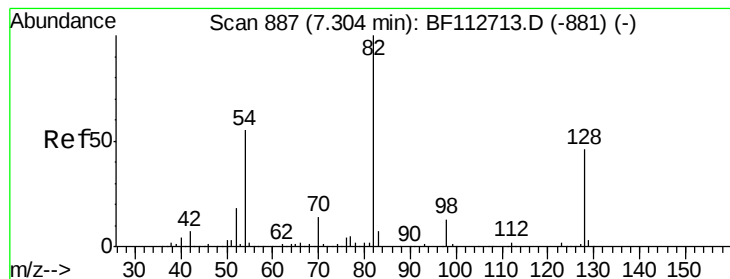
Tot Ion: 70 Resp: 130830
Ion Ratio Lower Upper
70 100
42 49.3 49.9 74.9#
101 0.0 7.4 11.2#
130 2.2 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112941.D
Acq: 8 Mar 2019 13:50

Tgt Ion: 136 Resp: 772089
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.3 7.3 10.9
68 6.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 78.222 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF112941.D

Acq: 8 Mar 2019 13:50

Instrument :

BNA_F

ClientSampled :

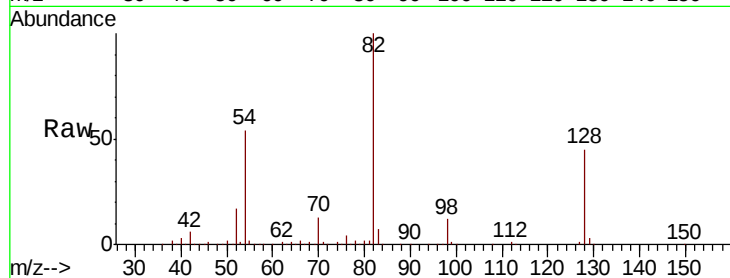
Tot Ion: 82 Resp: 1009302

Ion Ratio Lower Upper

82 100

128 45.2 36.3 54.5

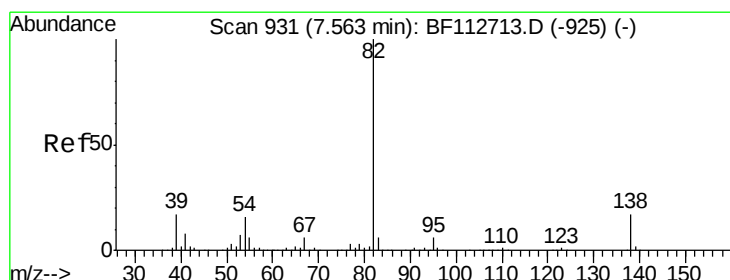
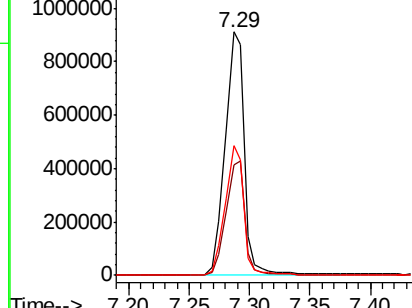
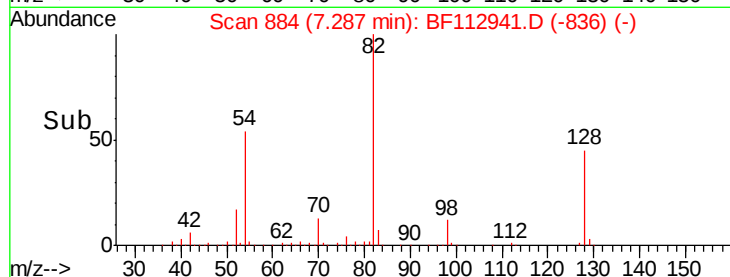
54 53.5 43.7 65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 35.874 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF112941.D

Acq: 8 Mar 2019 13:50

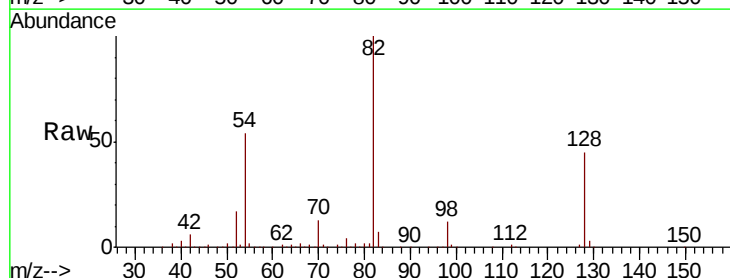
Tgt Ion: 82 Resp: 997219

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

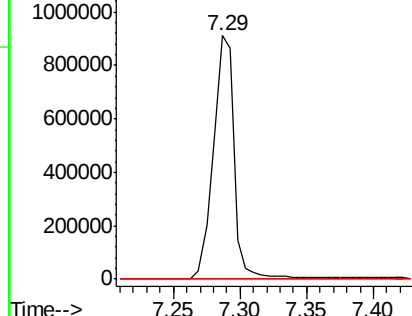
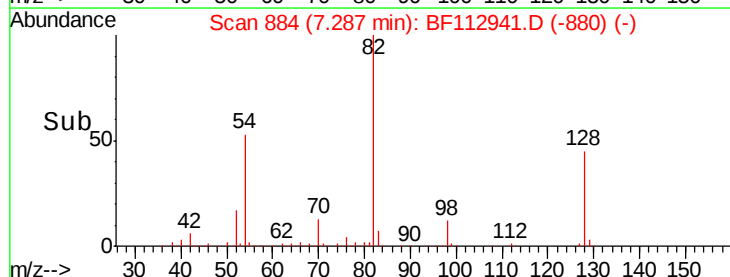
138 0.0 13.8 20.8#

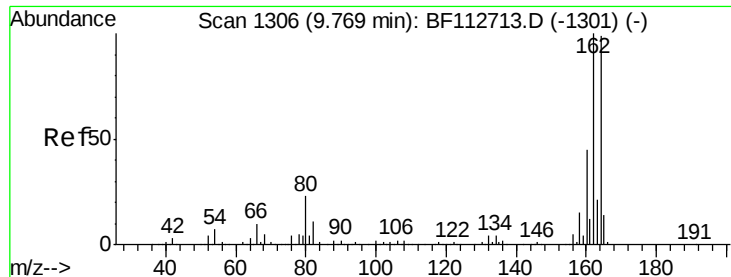


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

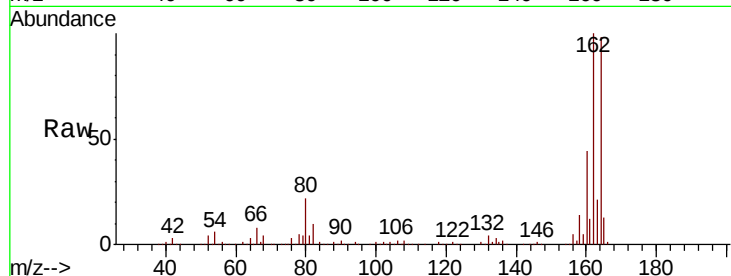




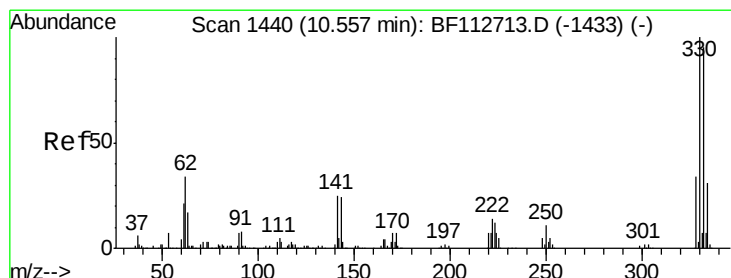
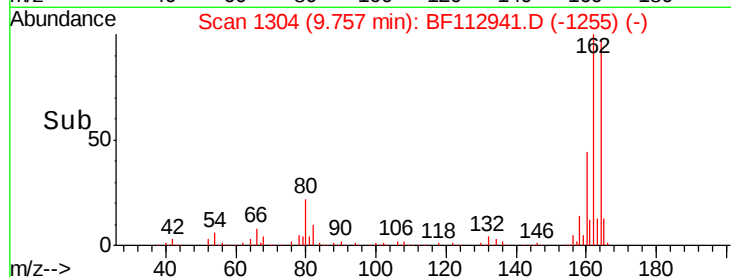
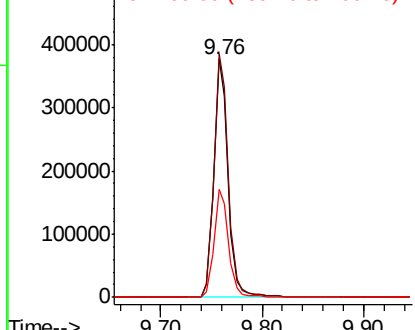
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112941.D
Acq: 8 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 369036
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 45.4 36.0 54.0

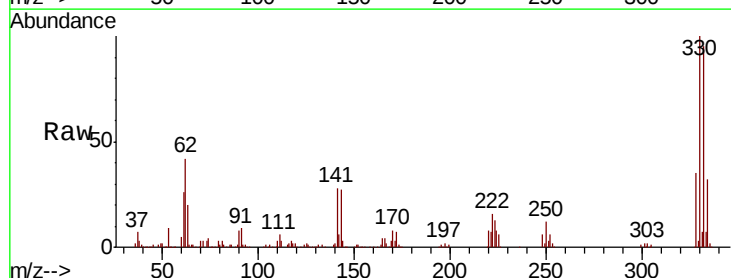


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

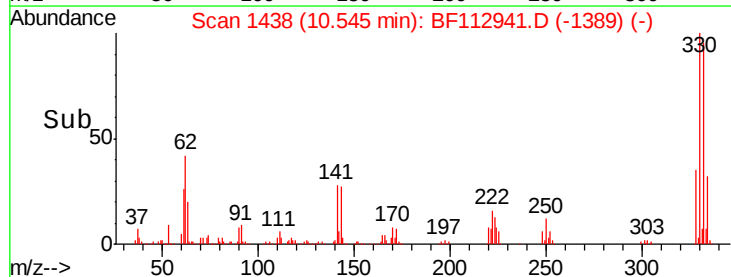
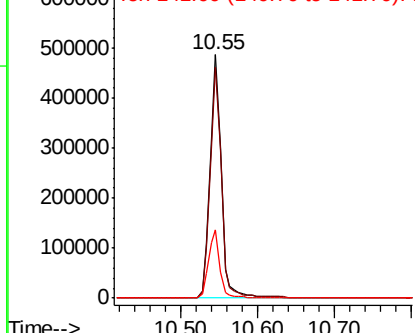


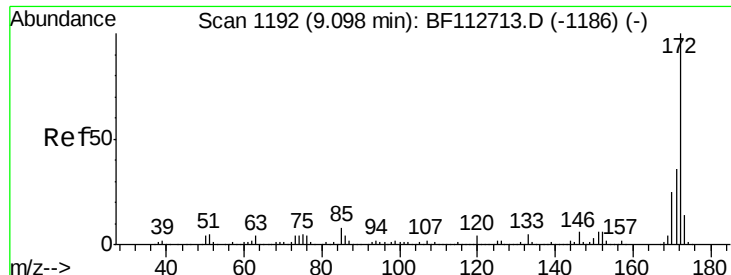
#42
2,4,6-Tribromophenol
Concen: 125.502 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112941.D
Acq: 8 Mar 2019 13:50

Tgt Ion:330 Resp: 491690
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 28.1 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

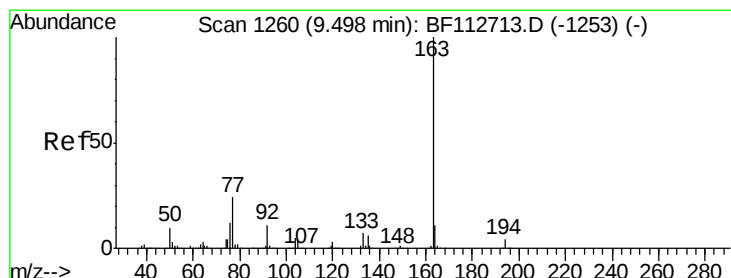
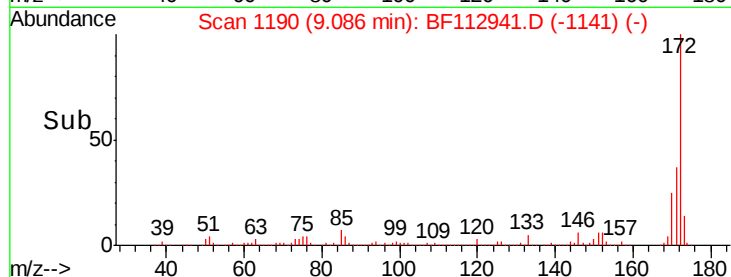
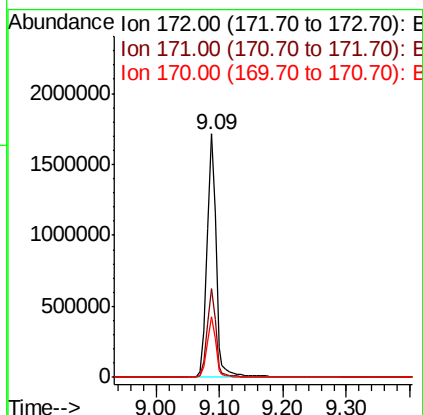
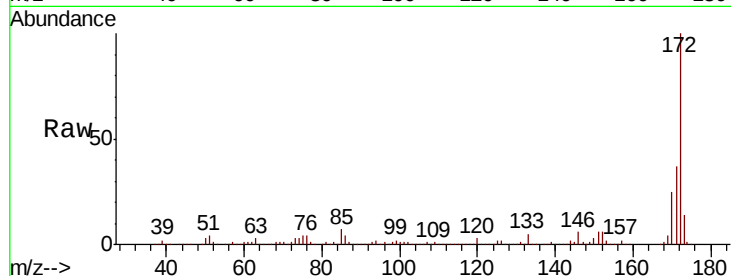




#45
2-Fluorobiphenyl
Concen: 75.491 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112941.D
Acq: 8 Mar 2019 13:50

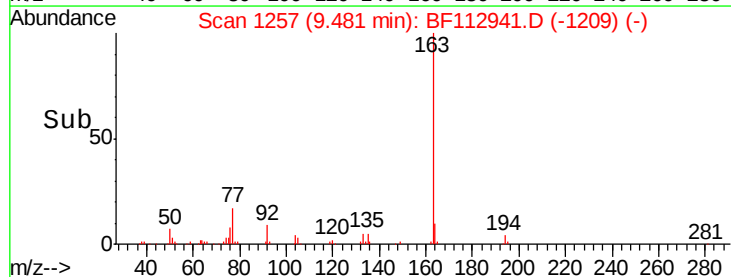
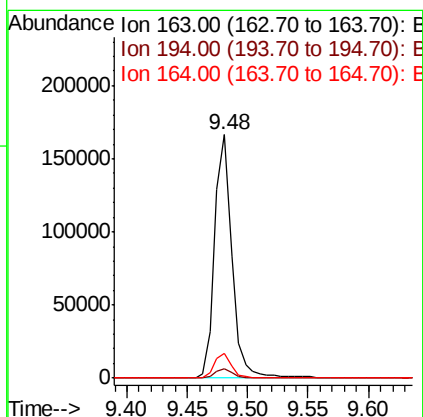
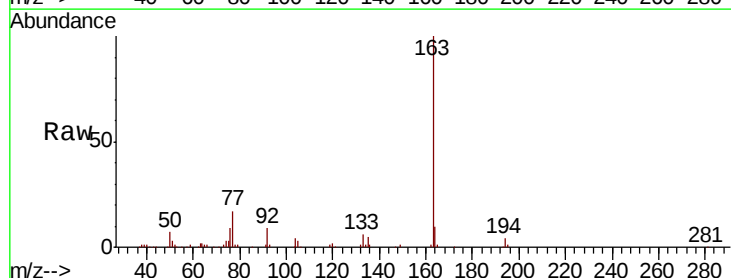
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1731856
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.4
170 24.7 20.0 30.0



#50
Dimethylphthalate
Concen: 6.049 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112941.D
Acq: 8 Mar 2019 13:50

Tgt Ion:163 Resp: 164601
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 9.9 8.4 12.6

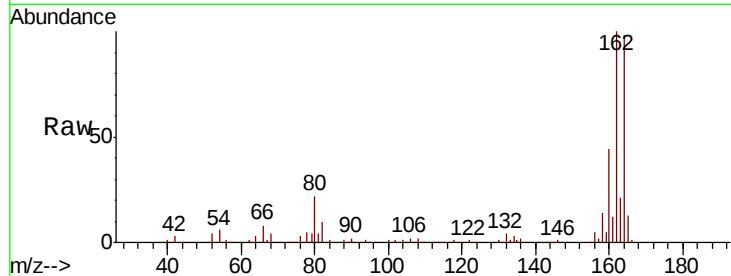




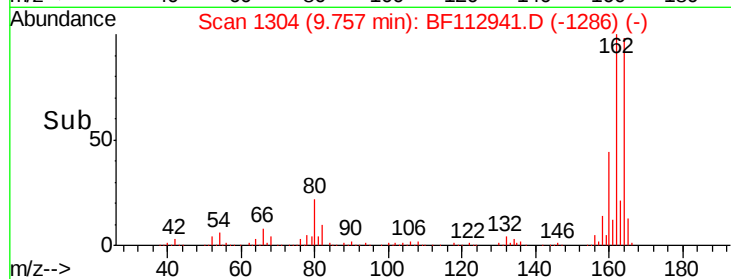
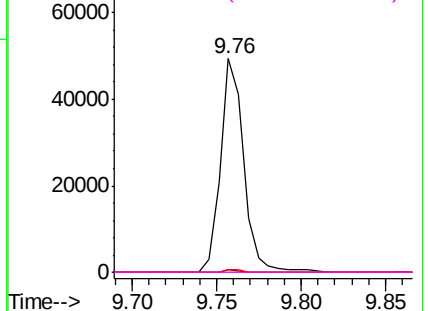
#57
2,4-Dinitrotoluene
Concen: 6.729 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF112941.D
Acq: 8 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.2	63.2#
89	1.1	66.2	99.4#
182	0.0	1.8	2.6#

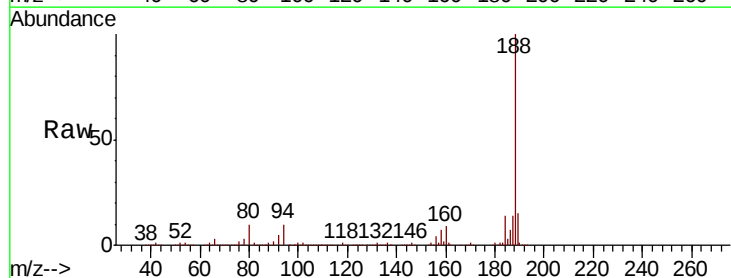


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

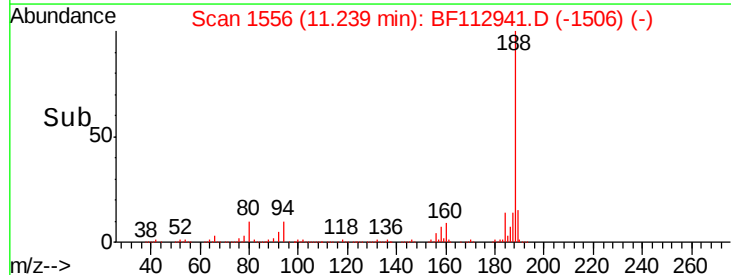
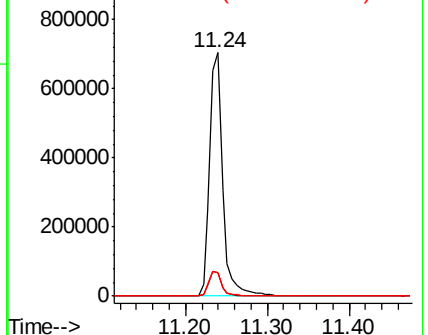


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112941.D
Acq: 8 Mar 2019 13:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.0	13.4
80	9.6	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

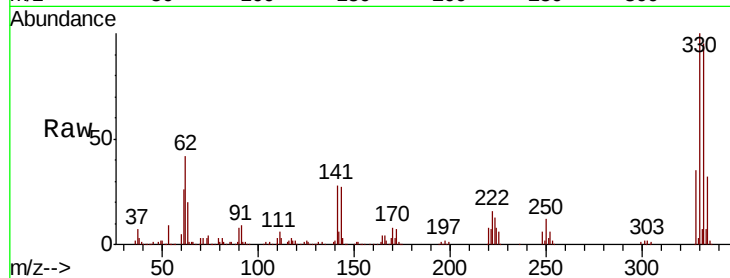




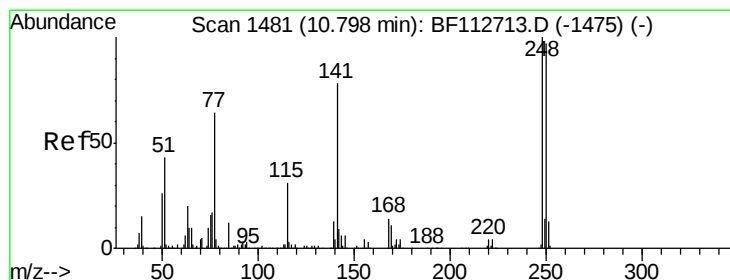
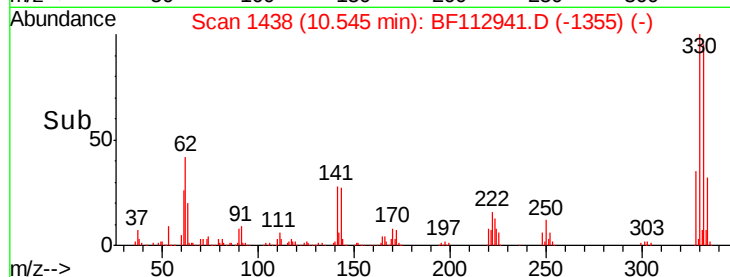
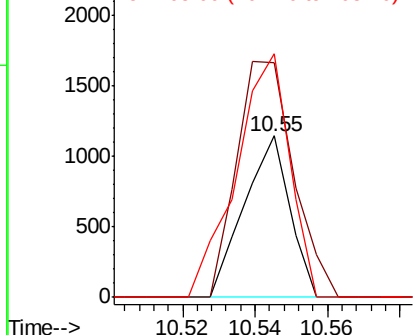
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.895 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF112941.D
 Acq: 8 Mar 2019 13:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 1001
 Ion Ratio Lower Upper
 198 100
 51 145.4 43.8 83.8#
 105 151.0 36.5 76.5#

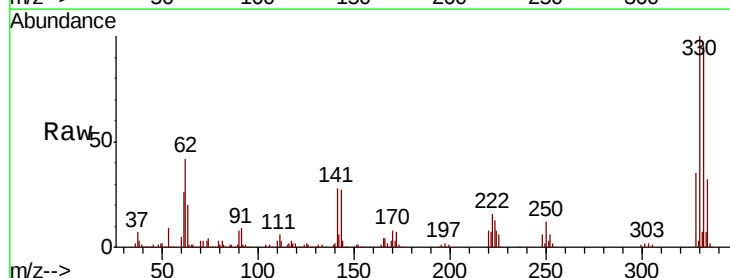


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

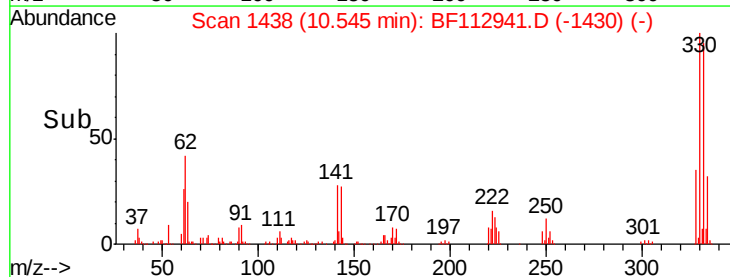
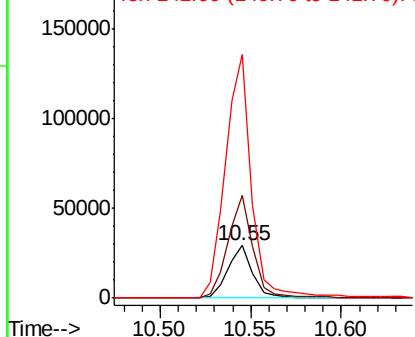


#67
 4-Bromophenyl-phenylether
 Concen: 3.446 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112941.D
 Acq: 8 Mar 2019 13:50

Tgt Ion:248 Resp: 28343
 Ion Ratio Lower Upper
 248 100
 250 197.4 77.5 116.3#
 141 464.8 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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112941.D

Acq: 8 Mar 2019 13:50

Instrument :

BNA_F

ClientSampleId :

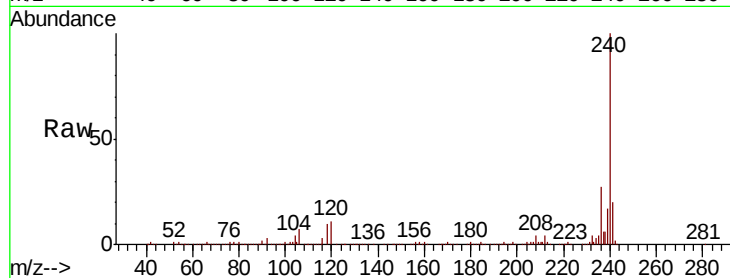
Tot Ion:240 Resp: 663486

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

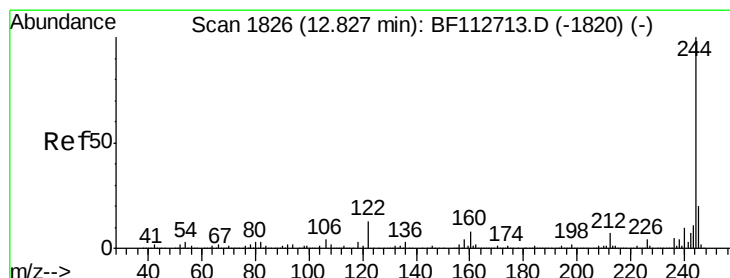
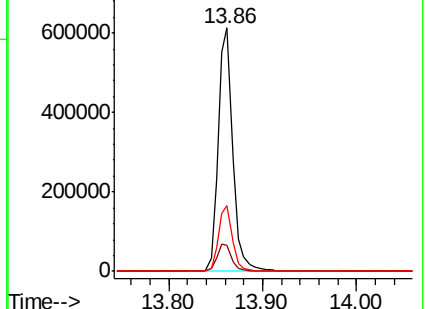
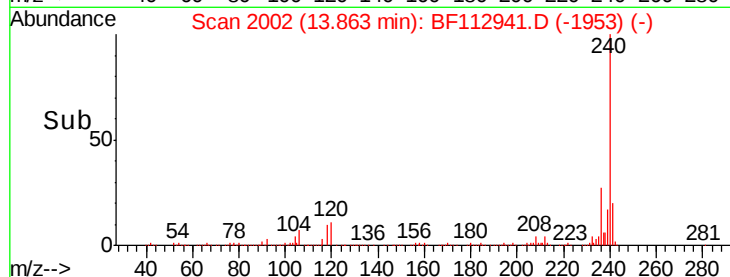
236 26.8 20.7 31.1



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: 53.909 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112941.D

Acq: 8 Mar 2019 13:50

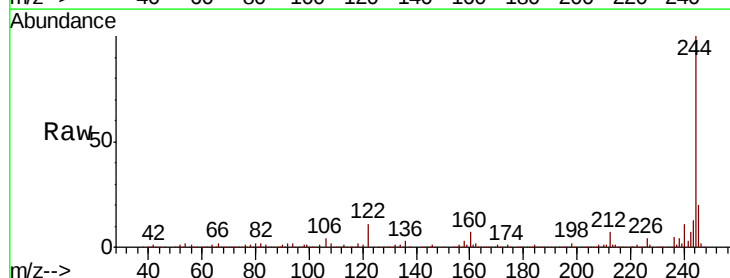
Tgt Ion:244 Resp: 1845144

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

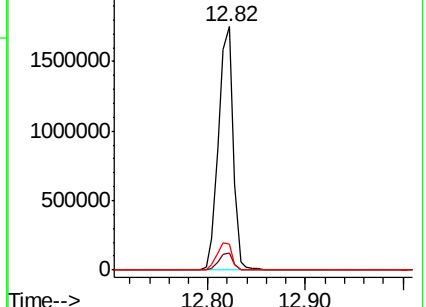
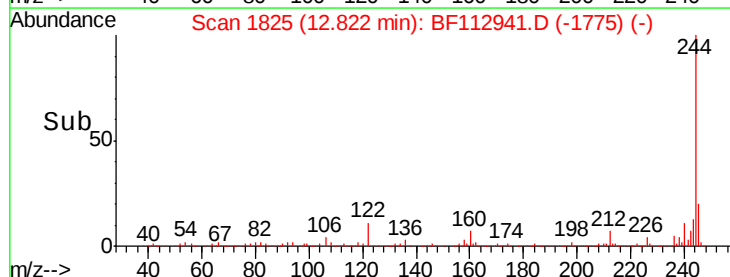
122 10.9 10.5 15.7

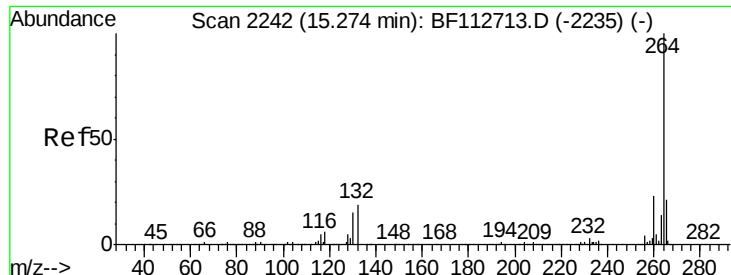


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

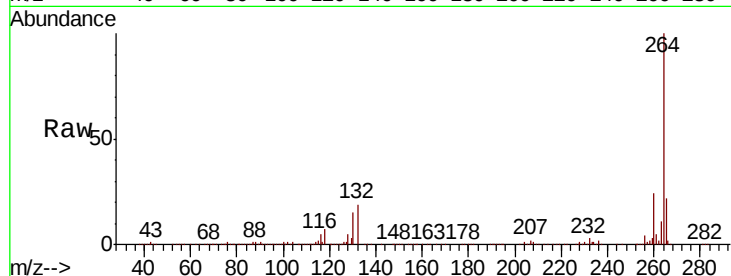




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF112941.D
 Acq: 8 Mar 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	540859
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.8	17.2	25.8



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

