

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113118.D
 Acq On : 19 Mar 2019 4:35
 Operator : JU/SJ
 Sample : K1947-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B129-031319

Quant Time: Mar 19 06:47:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

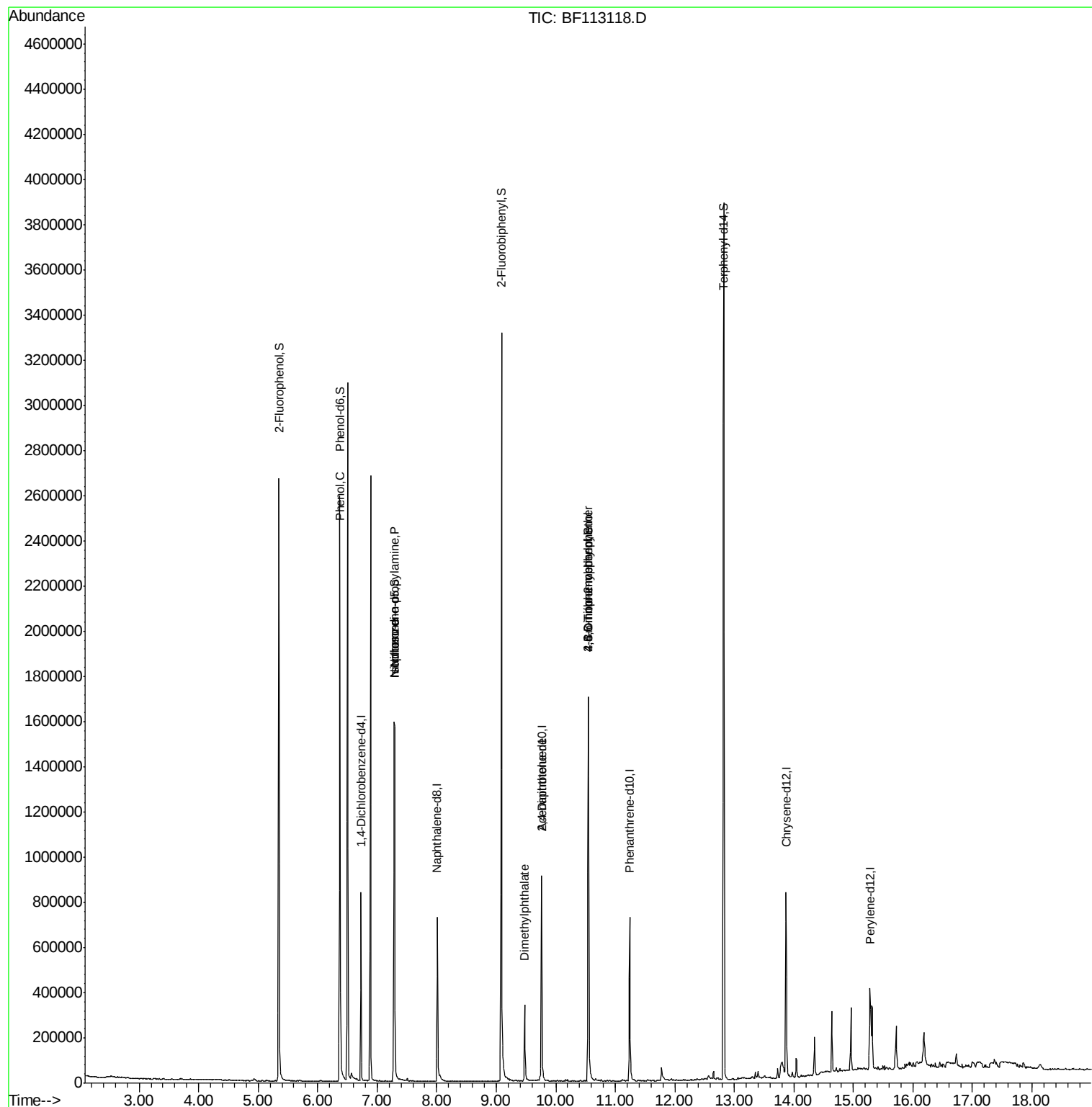
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	113270	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	398676	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	218335	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	326370	20.00	ng	0.00
76) Chrysene-d12	13.87	240	328587	20.00	ng	0.00
87) Perylene-d12	15.28	264	209795	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	790134	108.51	ng	0.00
7) Phenol-d6	6.37	99	1052011	115.01	ng	0.00
23) Nitrobenzene-d5	7.29	82	618543	92.84	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	268298	115.75	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1135036	86.55	ng	0.00
79) Terphenyl-d14	12.82	244	1428202	84.26	ng	0.00
Target Compounds						
10) Phenol	6.39	94	24319	2.278	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	79671	13.753	ng	# 78
25) Isophorone	7.29	82	615244	42.864	ng	# 66
50) Dimethylphthalate	9.48	163	172774	10.732	ng	99
57) 2,4-Dinitrotoluene	9.76	165	27325	6.557	ng	# 16
65) 4,6-Dinitro-2-methylphenol	10.55	198	175	4.731	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	14766	4.295	ng	# 1

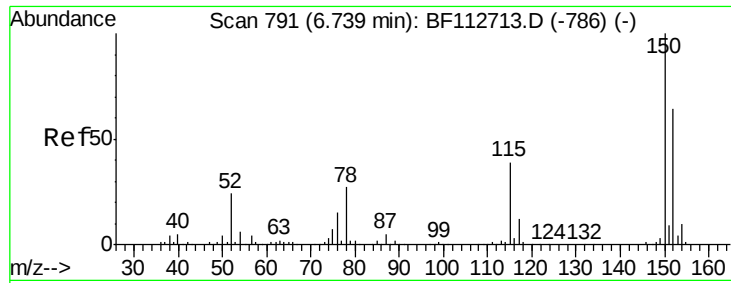
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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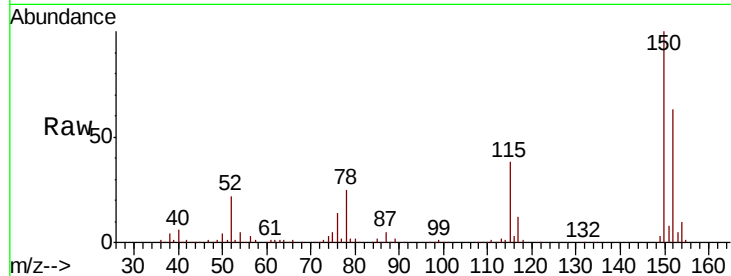




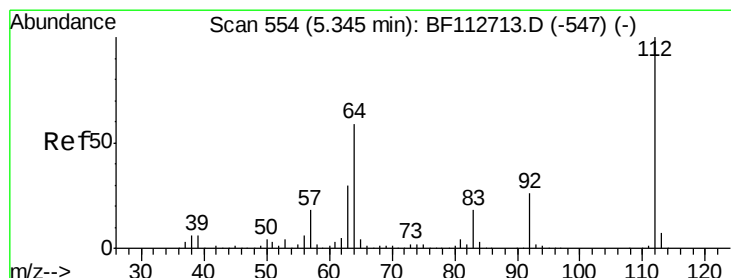
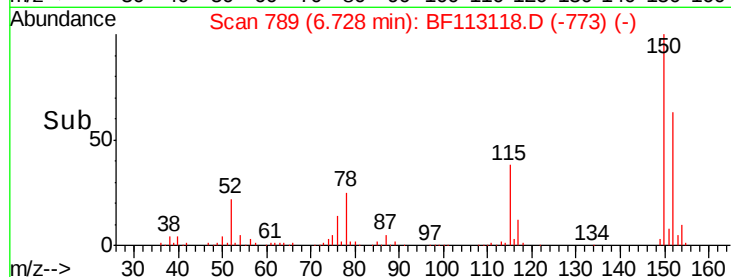
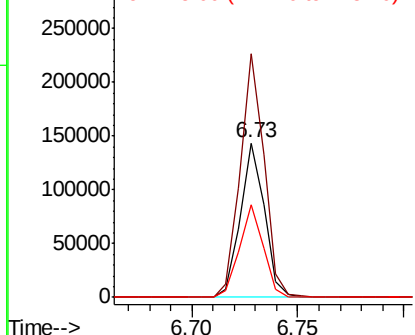
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF113118.D
 Acq: 19 Mar 2019 4:35

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B129-031319

Tgt Ion:152 Resp: 113270
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.2 186.2
 115 60.0 48.2 72.4

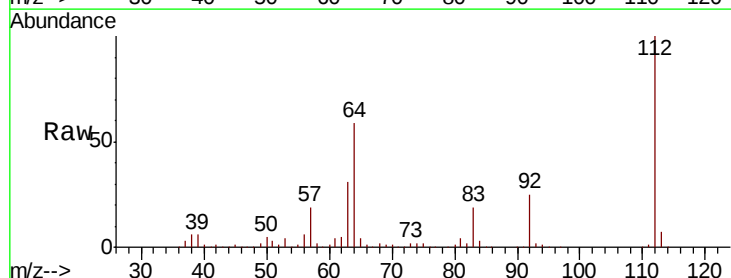


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

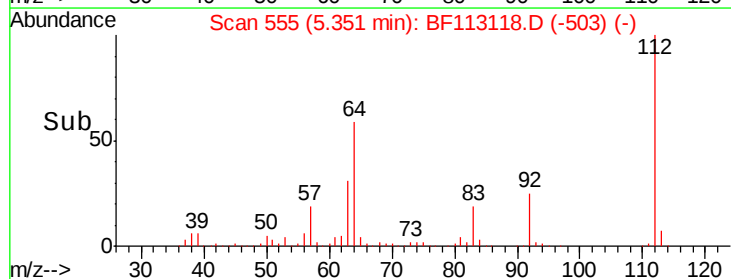
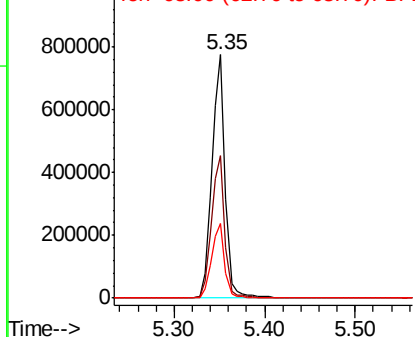


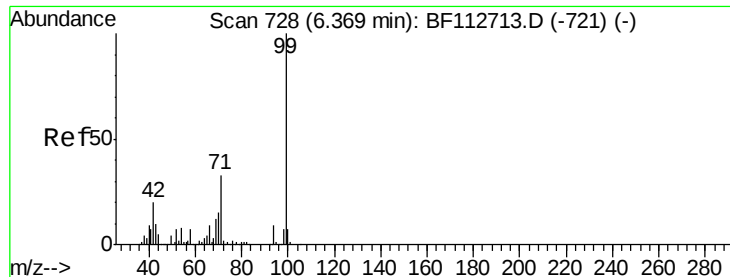
#5
 2-Fluorophenol
 Concen: 108.510 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF113118.D
 Acq: 19 Mar 2019 4:35

Tgt Ion:112 Resp: 790134
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.6 71.4
 63 30.6 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: 115.011 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113118.D

Acq: 19 Mar 2019 4:35

Instrument :

BNA_F

ClientSampleId :

PST-025-B129-031319

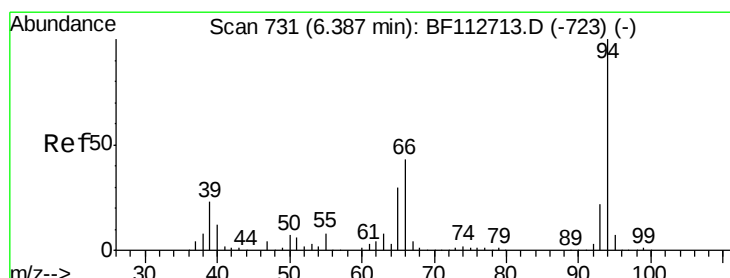
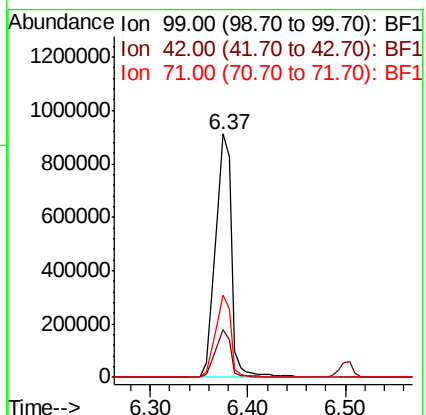
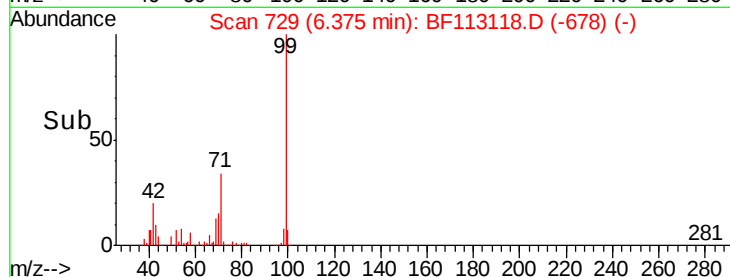
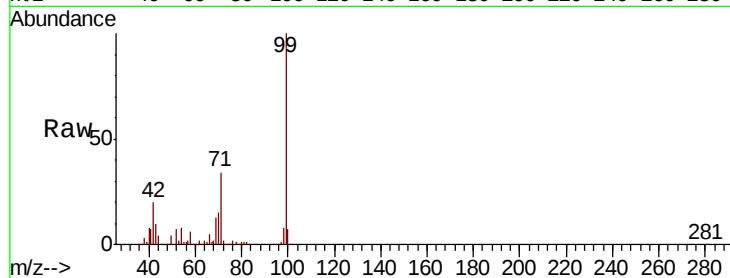
Tgt Ion: 99 Resp: 1052011

Ion Ratio Lower Upper

99 100

42 19.8 16.3 24.5

71 33.9 26.2 39.4



#10

Phenol

Concen: 2.278 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF113118.D

Acq: 19 Mar 2019 4:35

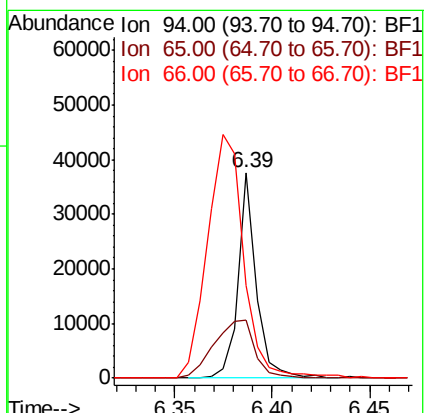
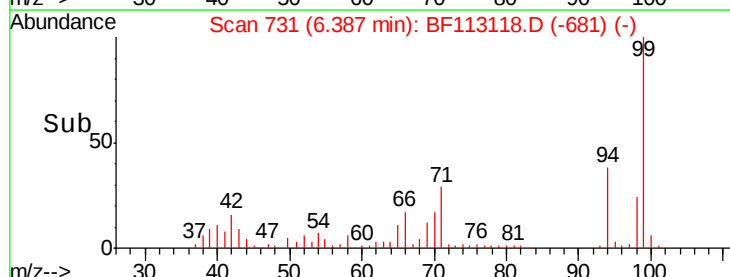
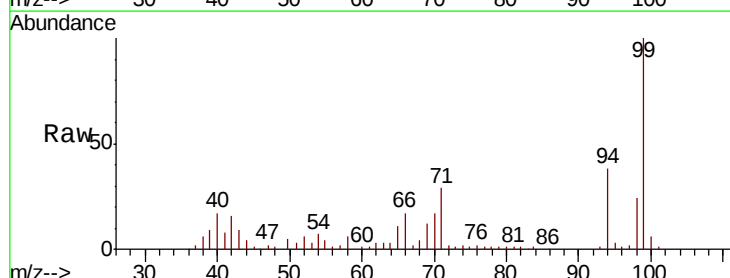
Tgt Ion: 94 Resp: 24319

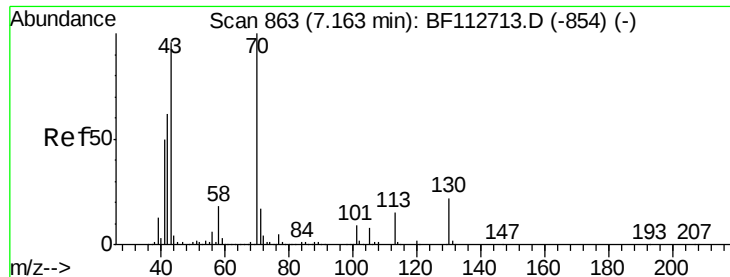
Ion Ratio Lower Upper

94 100

65 28.6 10.5 50.5

66 45.3 22.6 62.6

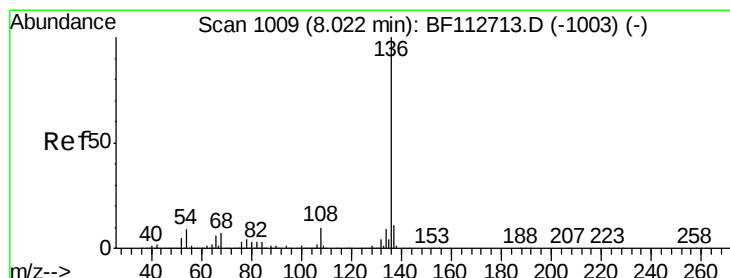
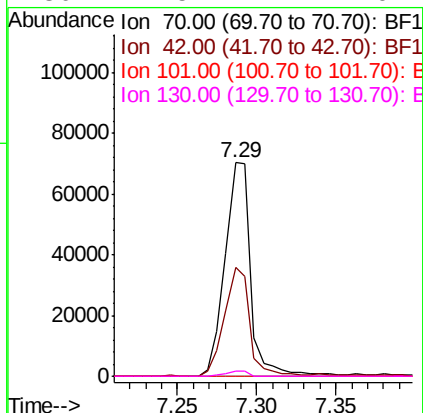
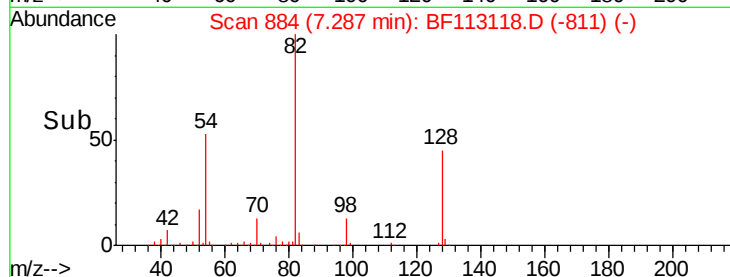
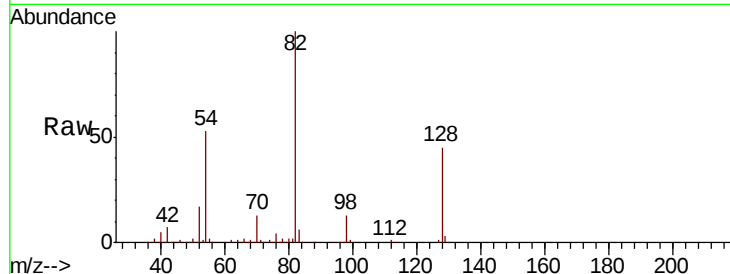




#19
n-Nitroso-di-n-propylamine
Concen: 13.753 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF113118.D
Acq: 19 Mar 2019 4:35

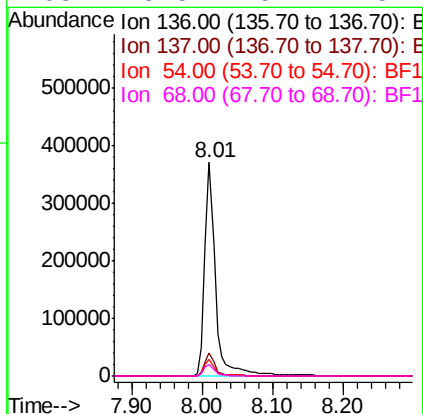
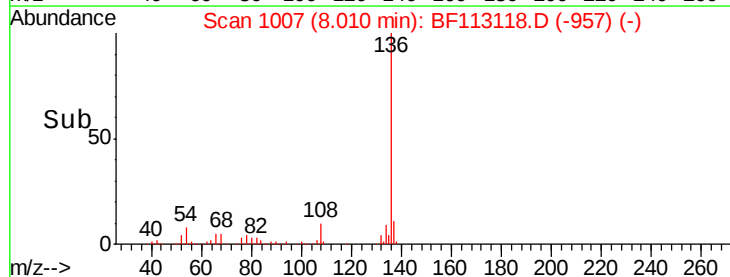
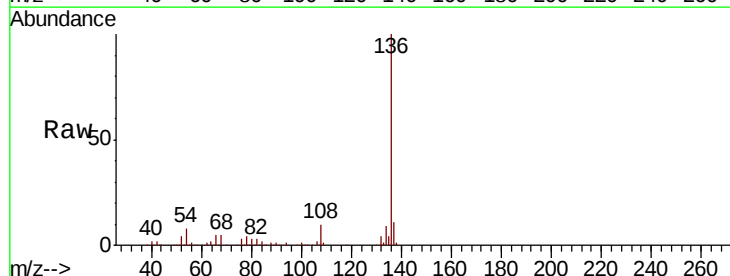
Instrument :
BNA_F
ClientSampleId :
PST-025-B129-031319

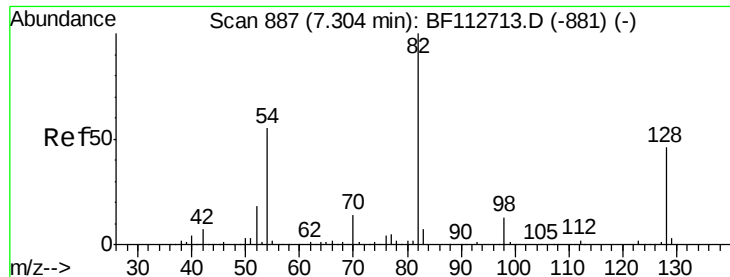
Tgt Ion: 70 Resp: 79671
Ion Ratio Lower Upper
70 100
42 51.3 49.9 74.9
101 0.0 7.4 11.2#
130 2.5 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113118.D
Acq: 19 Mar 2019 4:35

Tgt Ion: 136 Resp: 398676
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.9 7.3 10.9
68 5.5 5.4 8.2

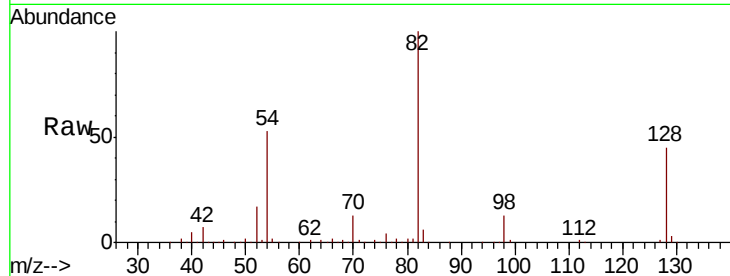




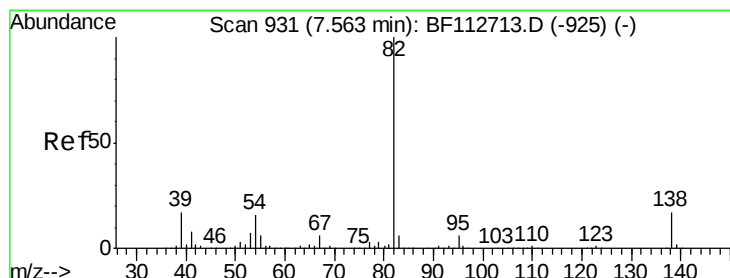
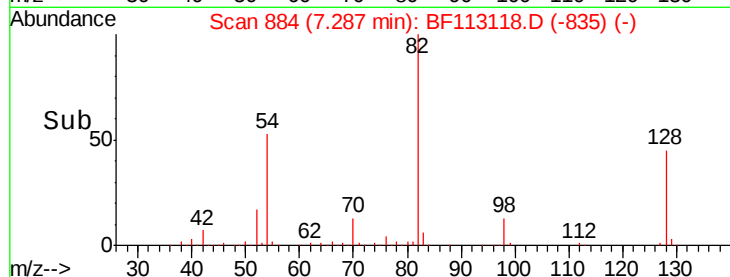
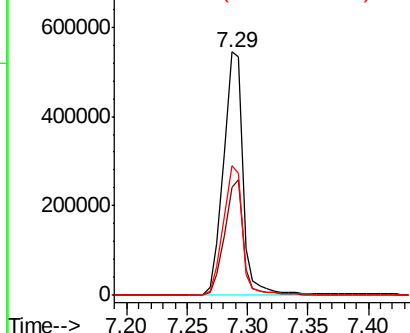
#23
Nitrobenzene-d5
Concen: 92.838 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113118.D
Acq: 19 Mar 2019 4:35

Instrument :
BNA_F
ClientSampleId :
PST-025-B129-031319

Tgt Ion: 82 Resp: 618543
Ion Ratio Lower Upper
82 100
128 44.6 36.3 54.5
54 53.4 43.7 65.5

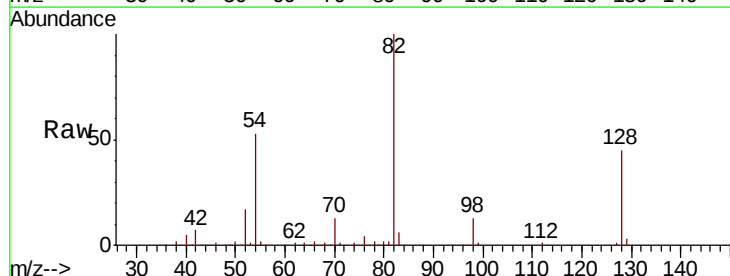


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

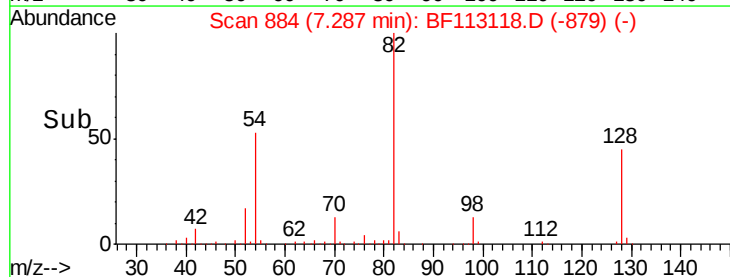
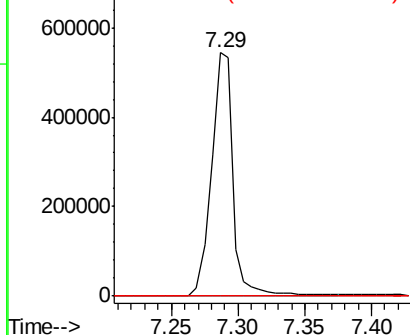


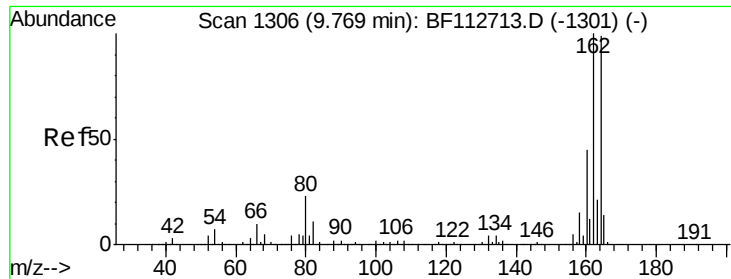
#25
Isophorone
Concen: 42.864 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113118.D
Acq: 19 Mar 2019 4:35

Tgt Ion: 82 Resp: 615244
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

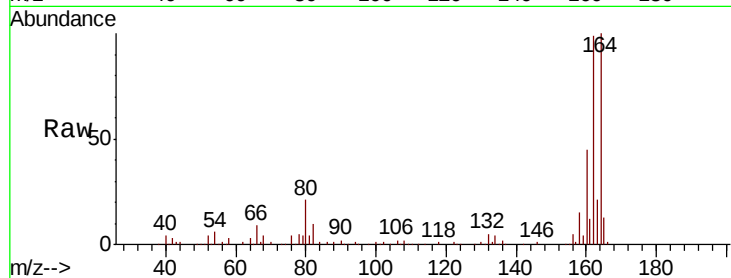




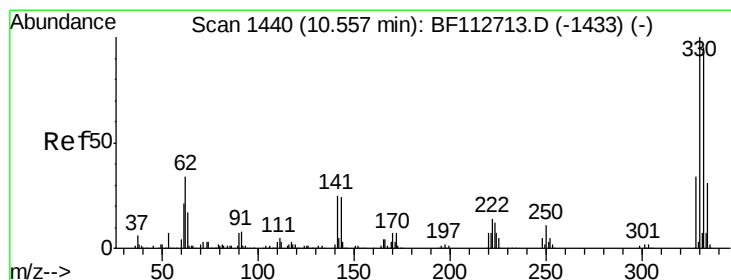
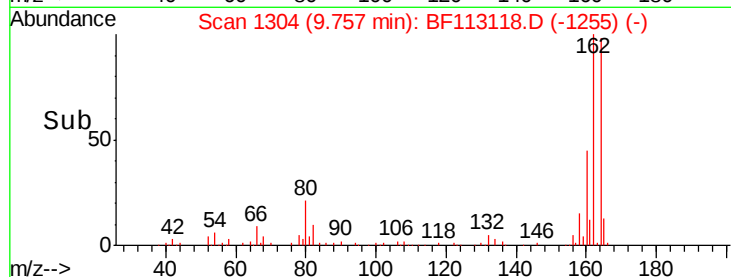
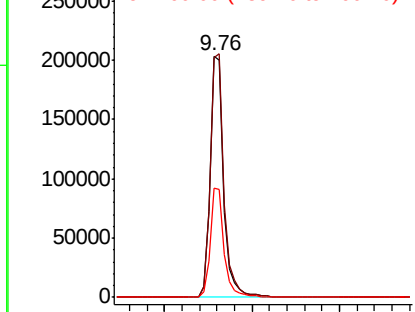
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113118.D
Acq: 19 Mar 2019 4:35

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PST-025-B129-031319

Tgt Ion:164 Resp: 218335
Ion Ratio Lower Upper
164 100
162 99.3 80.6 120.8
160 45.1 36.0 54.0

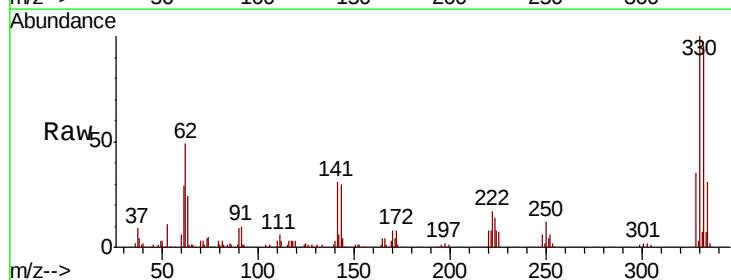


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

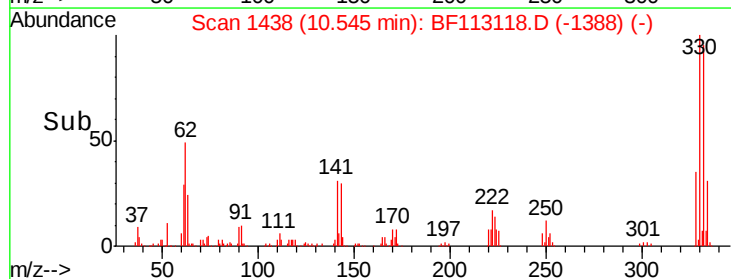
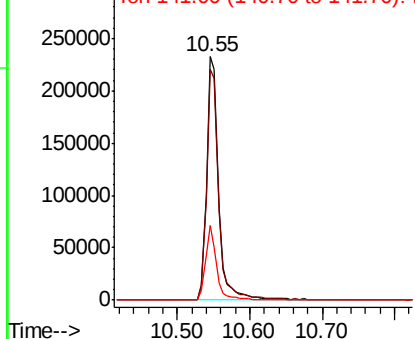


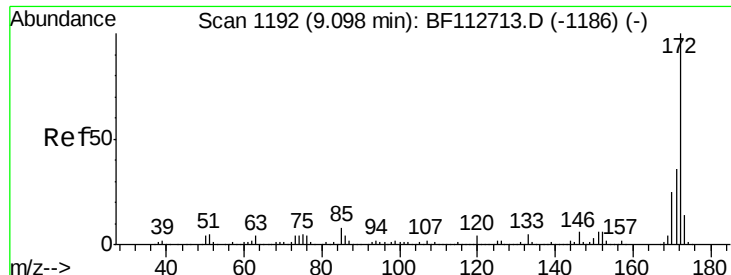
#42
2,4,6-Tribromophenol
Concen: 115.750 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113118.D
Acq: 19 Mar 2019 4:35

Tgt Ion:330 Resp: 268298
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 28.3 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

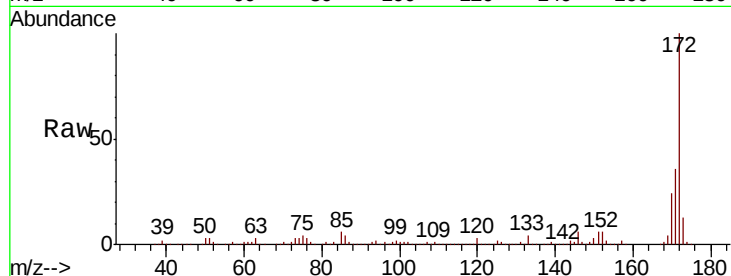




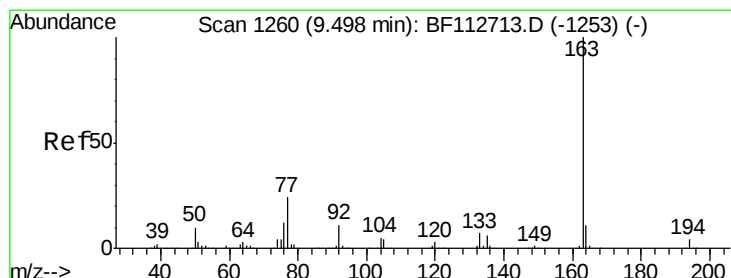
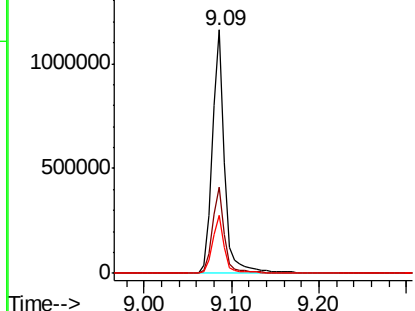
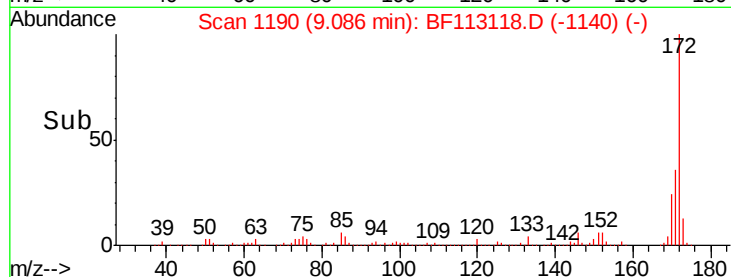
#45
 2-Fluorobiphenyl
 Concen: 86.551 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113118.D
 Acq: 19 Mar 2019 4:35

Instrument :
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 ClientSampleId :
 PST-025-B129-031319

Tgt Ion:172 Resp: 1135036
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.4
 170 23.9 20.0 30.0

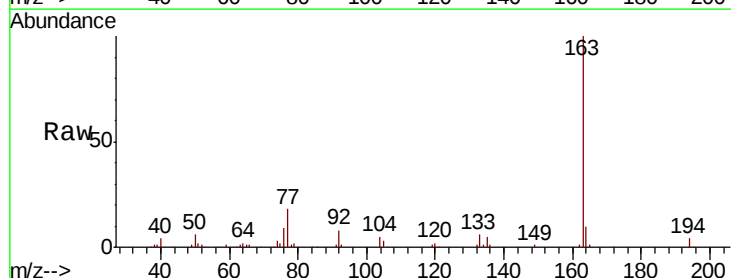


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

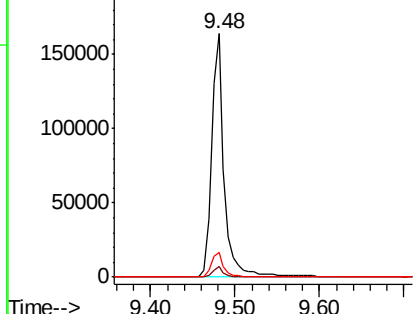
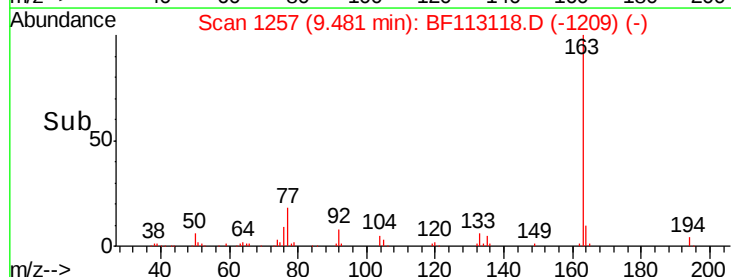


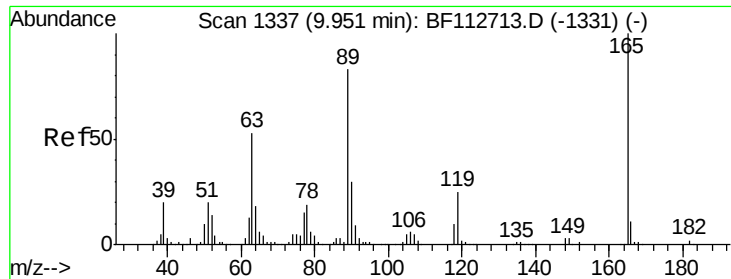
#50
 Dimethylphthalate
 Concen: 10.732 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF113118.D
 Acq: 19 Mar 2019 4:35

Tgt Ion:163 Resp: 172774
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.0 4.4
 164 10.2 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

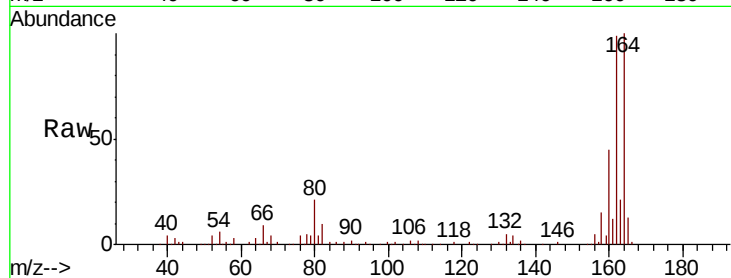




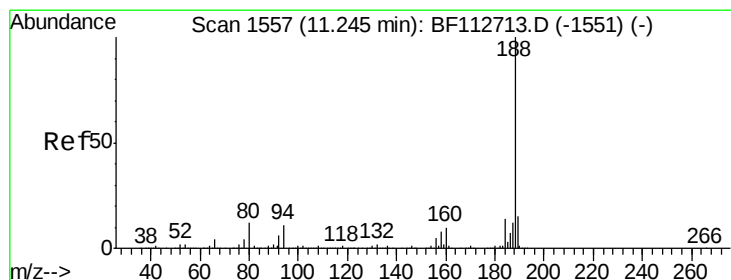
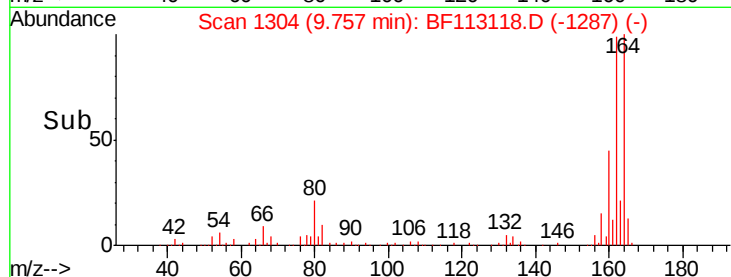
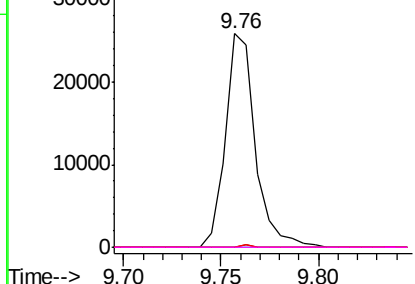
#57
2,4-Dinitrotoluene
Concen: 6.557 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113118.D
Acq: 19 Mar 2019 4:35

Instrument :
BNA_F
ClientSampleId :
PST-025-B129-031319

Tgt Ion:	165	Resp:	27325
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.2	63.2#
89	0.0	66.2	99.4#
182	0.0	1.8	2.6#

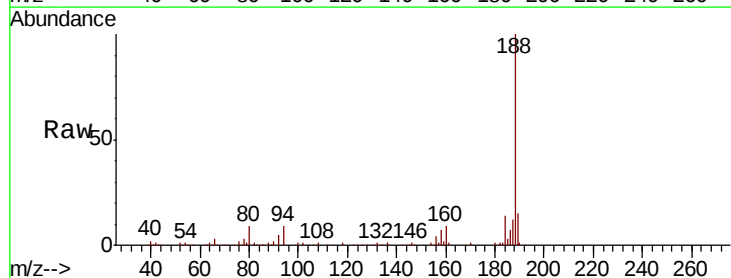


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

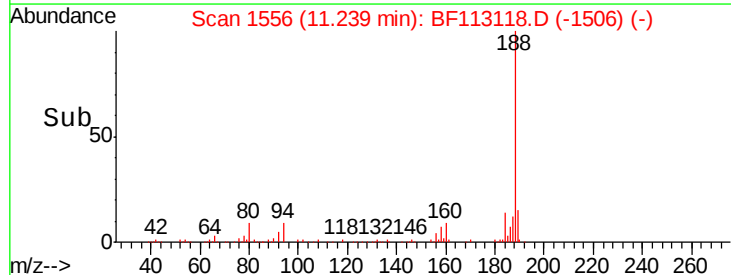
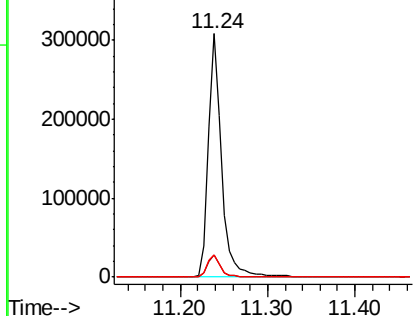


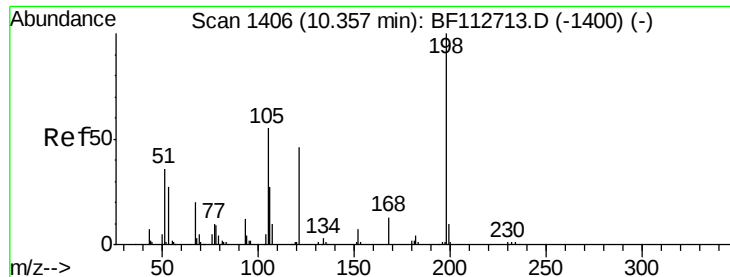
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113118.D
Acq: 19 Mar 2019 4:35

Tgt Ion:	188	Resp:	326370
Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.0	13.4
80	9.2	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

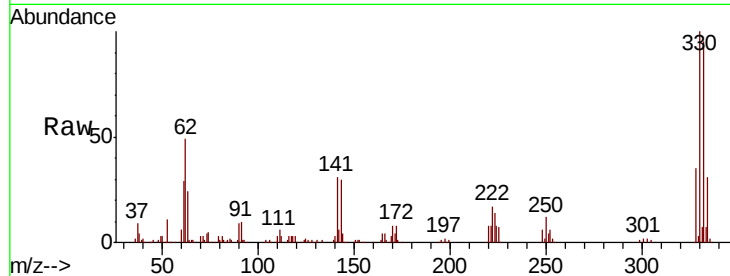




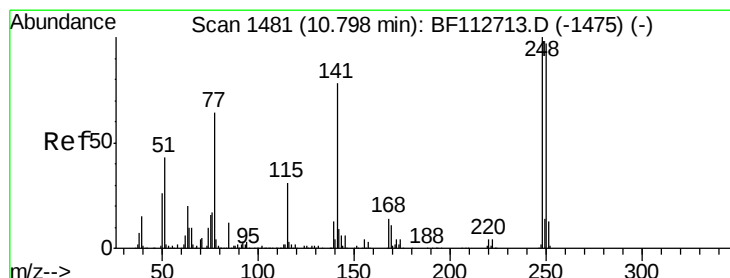
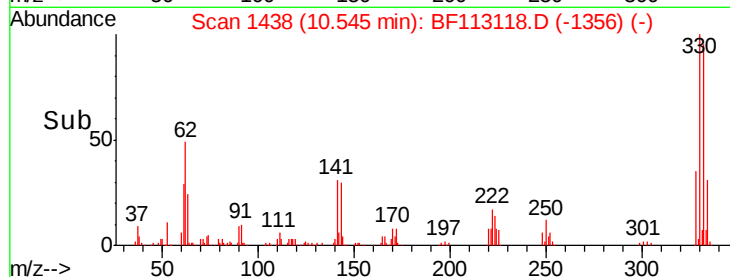
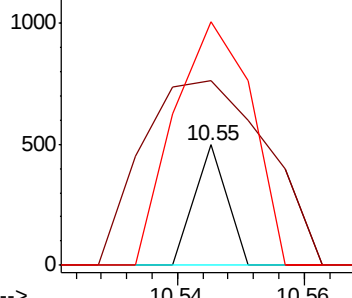
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.731 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.18 min
 Lab File: BF113118.D
 Acq: 19 Mar 2019 4:35

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B129-031319

Tgt Ion:198 Resp: 175
 Ion Ratio Lower Upper
 198 100
 51 152.9 43.8 83.8#
 105 202.2 36.5 76.5#

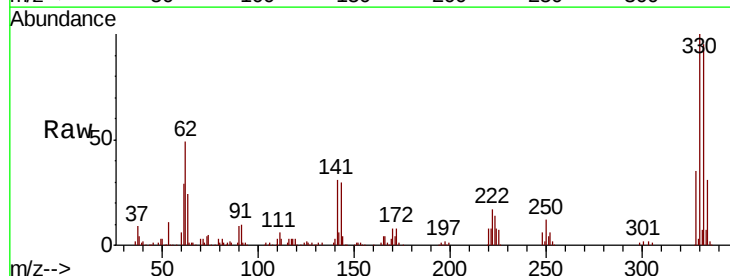


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

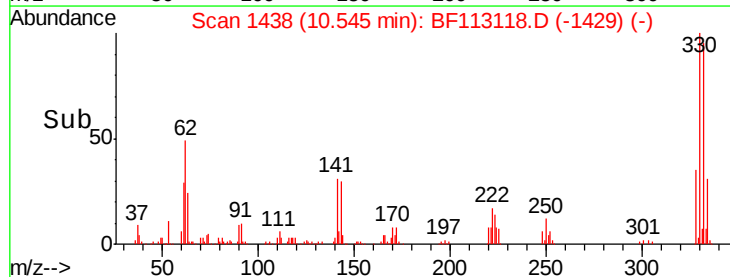
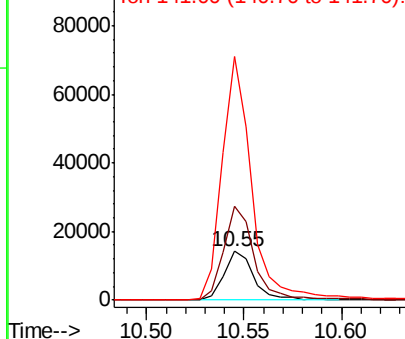


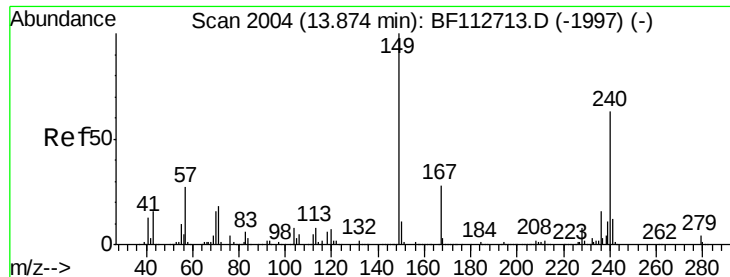
#67
 4-Bromophenyl-phenylether
 Concen: 4.295 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF113118.D
 Acq: 19 Mar 2019 4:35

Tgt Ion:248 Resp: 14766
 Ion Ratio Lower Upper
 248 100
 250 191.7 77.5 116.3#
 141 498.0 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. -0.00 min

Lab File: BF113118.D

Acq: 19 Mar 2019 4:35

Instrument :

BNA_F

ClientSampleId :

PST-025-B129-031319

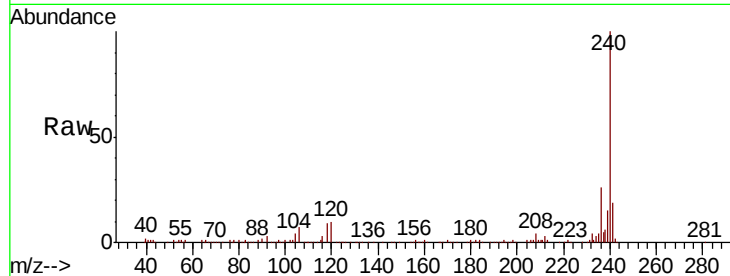
Tgt Ion:240 Resp: 328587

Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

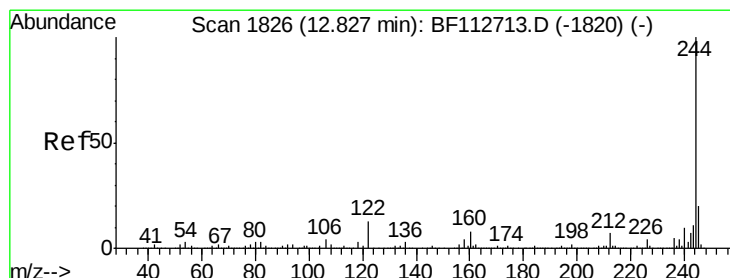
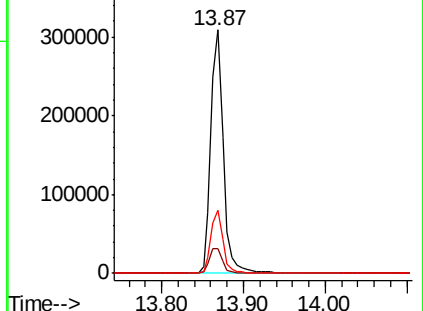
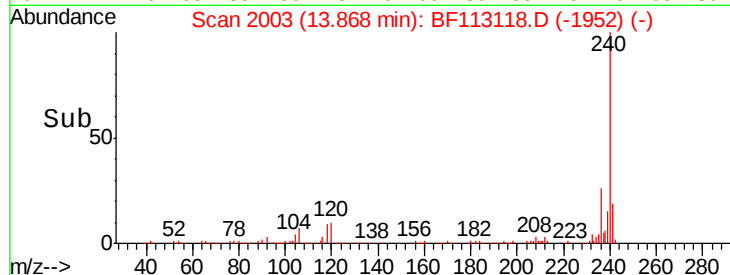
236 26.0 20.7 31.1



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: 84.257 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF113118.D

Acq: 19 Mar 2019 4:35

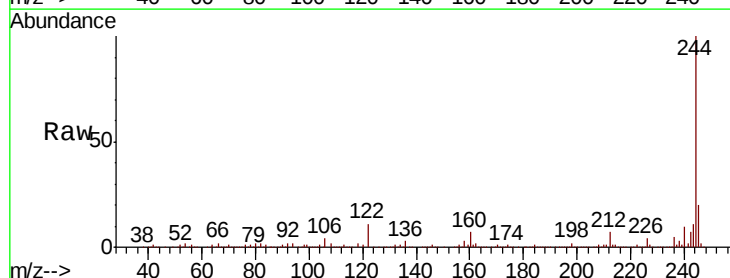
Tgt Ion:244 Resp: 1428202

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

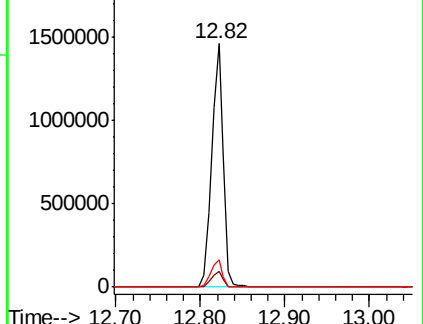
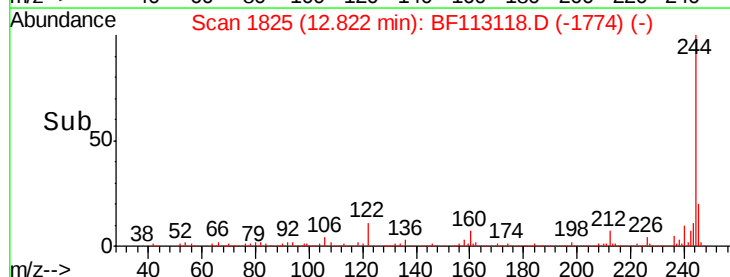
122 11.1 10.5 15.7

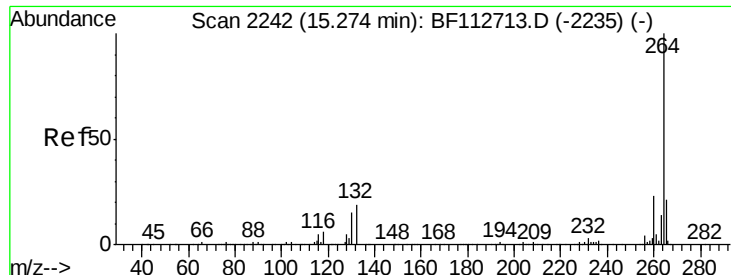


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

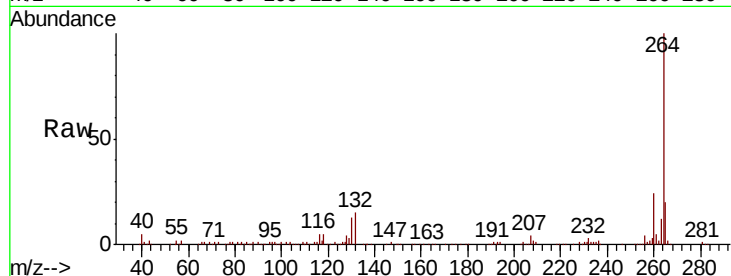




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF113118.D
Acq: 19 Mar 2019 4:35

Instrument :
BNA_F
ClientSampleId :
PST-025-B129-031319

Tgt Ion:	264	Resp:	209795
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	20.3	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

