

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113113.D
 Acq On : 19 Mar 2019 2:19
 Operator : JU/SJ
 Sample : K1947-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B098-031219

Quant Time: Mar 19 06:46:49 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

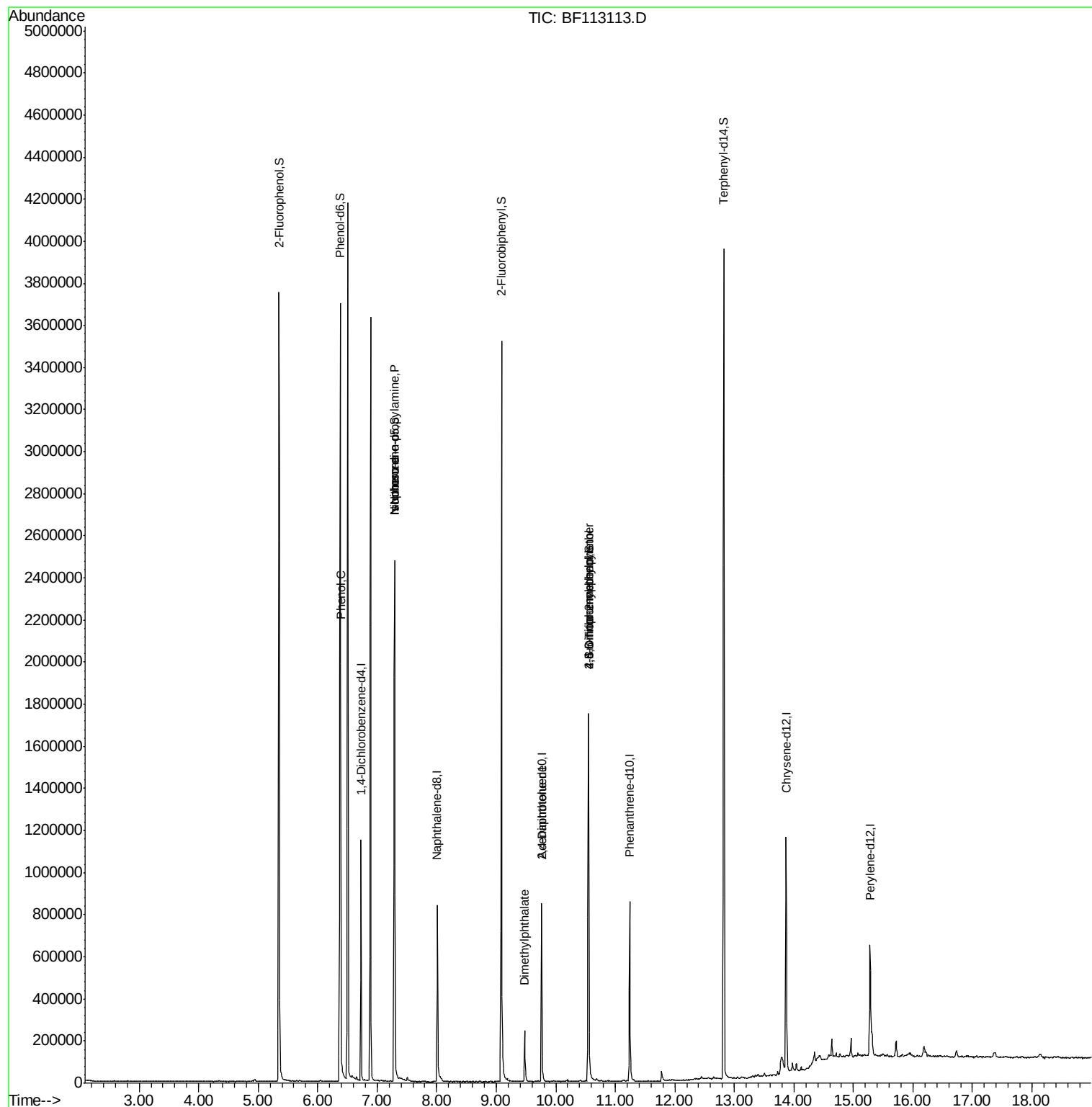
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	165570	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	445714	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	191988	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	361057	20.00	ng	0.00
76) Chrysene-d12	13.87	240	437883	20.00	ng	0.00
87) Perylene-d12	15.28	264	294357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1188495	111.66	ng	0.00
7) Phenol-d6	6.38	99	1502086	112.34	ng	0.00
23) Nitrobenzene-d5	7.29	82	883467	118.61	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	291822	143.18	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1212604	115.32	ng	0.00
79) Terphenyl-d14	12.82	244	1456822	64.49	ng	0.00
Target Compounds						
10) Phenol	6.39	94	114041	7.309	ng	89
19) n-Nitroso-di-n-propylamine	7.29	70	114590	13.532	ng	# 75
25) Isophorone	7.29	82	875109	54.534	ng	# 66
50) Dimethylphthalate	9.48	163	125285	8.850	ng	97
57) 2,4-Dinitrotoluene	9.76	165	24272	6.624	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	484	4.908	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	16928	4.451	ng	# 1

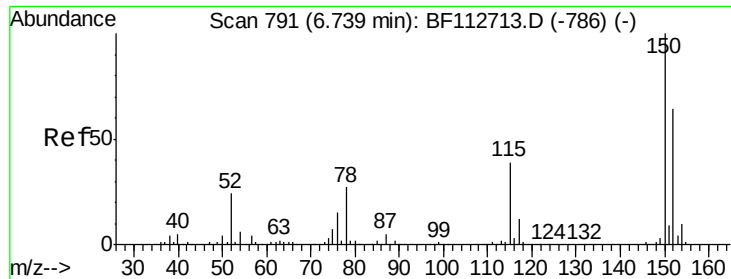
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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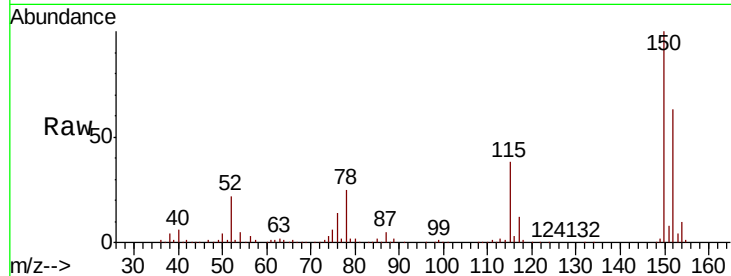




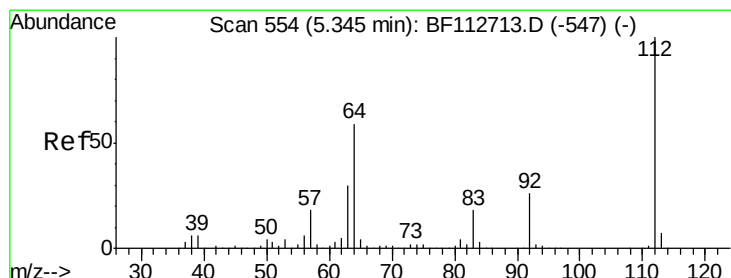
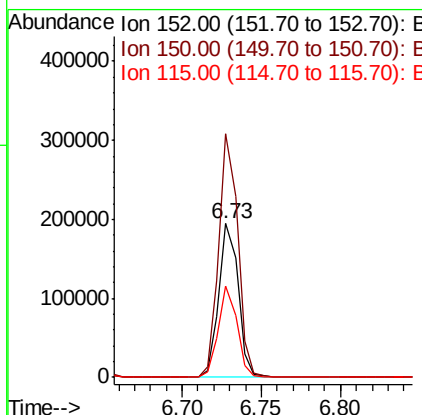
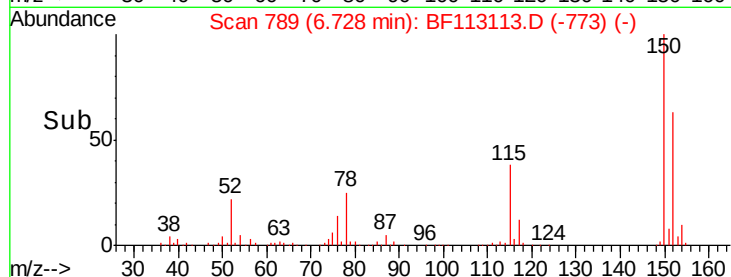
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF113113.D
 Acq: 19 Mar 2019 2:19

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B098-031219

Tgt Ion:152 Resp: 165570
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.2 186.2
 115 59.3 48.2 72.4

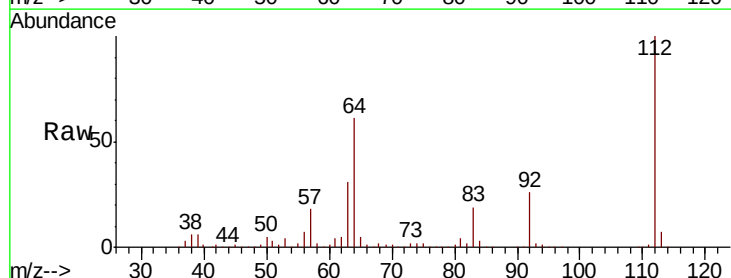


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

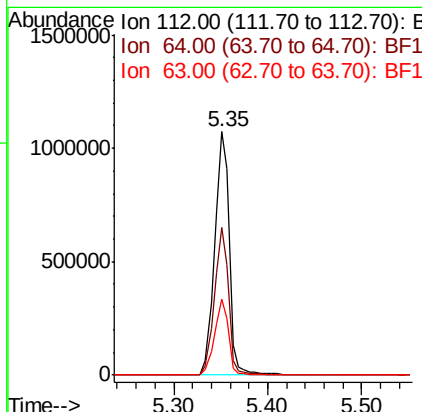
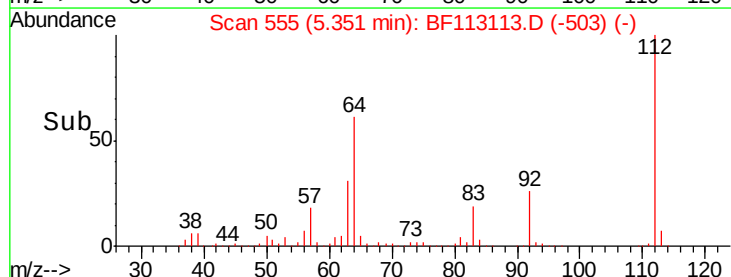


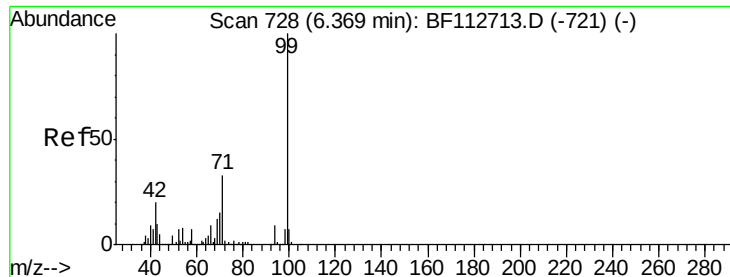
#5
 2-Fluorophenol
 Concen: 111.660 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF113113.D
 Acq: 19 Mar 2019 2:19

Tgt Ion:112 Resp: 1188495
 Ion Ratio Lower Upper
 112 100
 64 60.7 47.6 71.4
 63 31.2 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: 112.344 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF113113.D

Acq: 19 Mar 2019 2:19

Instrument :

BNA_F

ClientSampleId :

PST-028-B098-031219

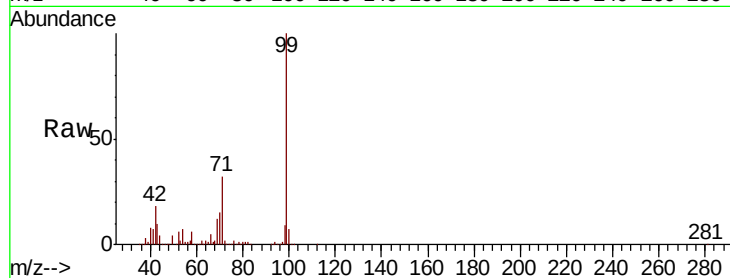
Tgt Ion: 99 Resp: 1502086

Ion Ratio Lower Upper

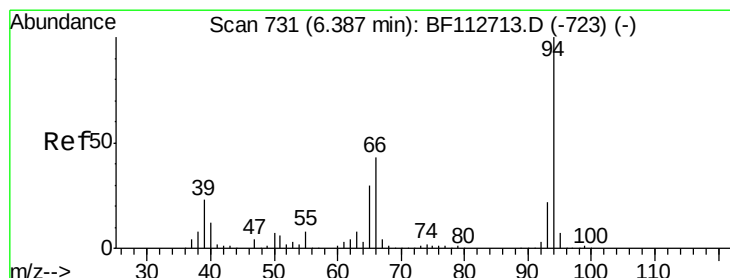
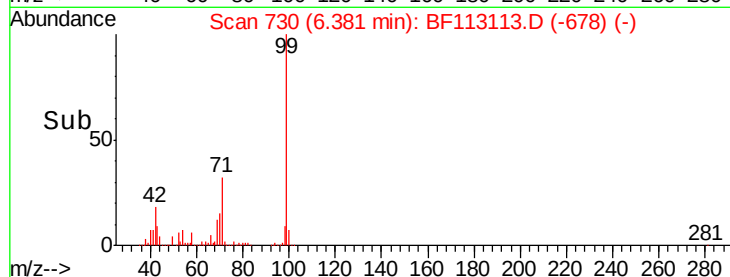
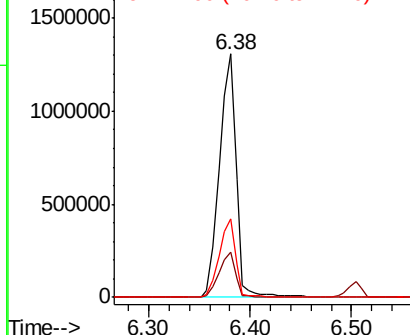
99 100

42 18.5 16.3 24.5

71 32.5 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: 7.309 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF113113.D

Acq: 19 Mar 2019 2:19

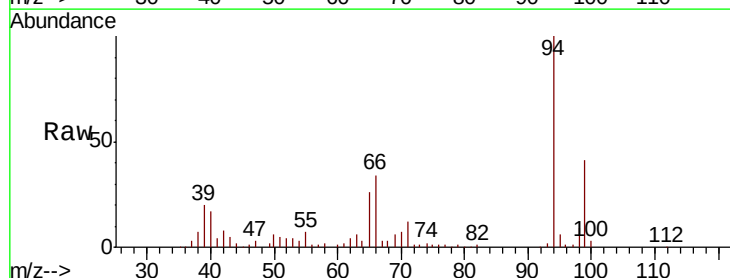
Tgt Ion: 94 Resp: 114041

Ion Ratio Lower Upper

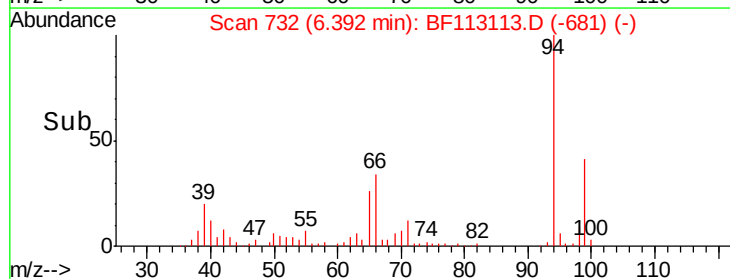
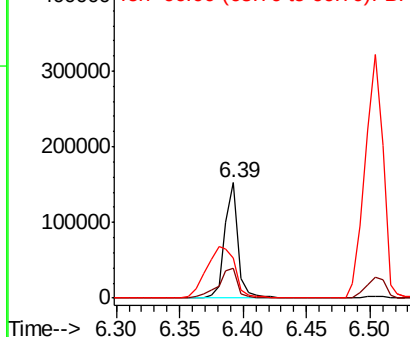
94 100

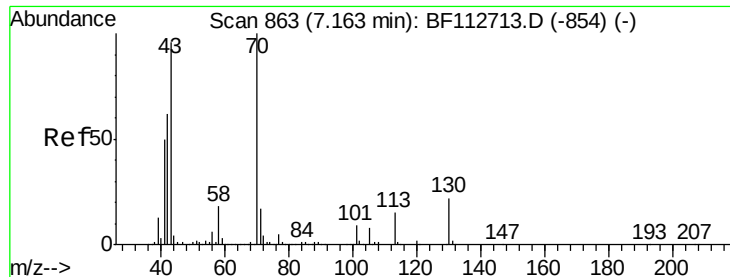
65 25.8 10.5 50.5

66 34.5 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

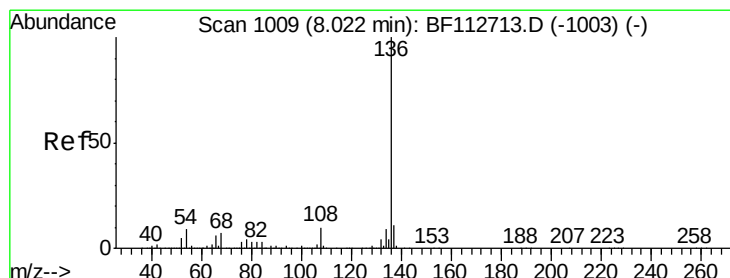
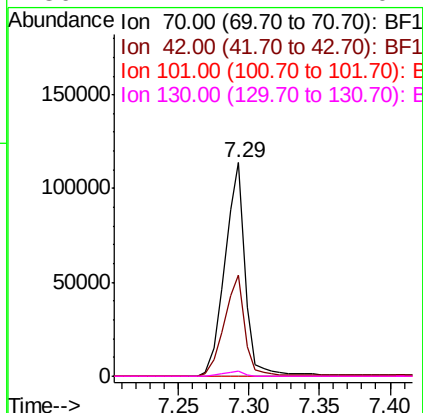
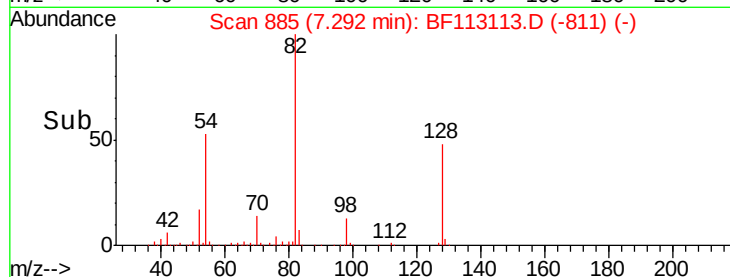
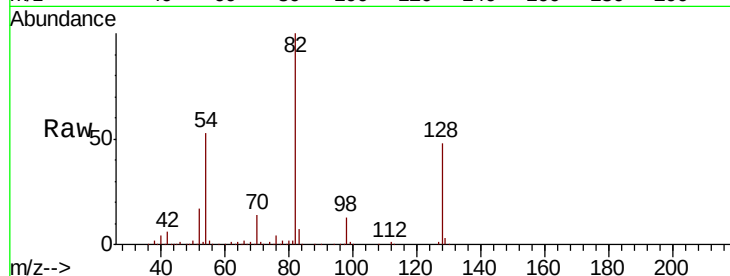




#19
n-Nitroso-di-n-propylamine
Concen: 13.532 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF113113.D
Acq: 19 Mar 2019 2:19

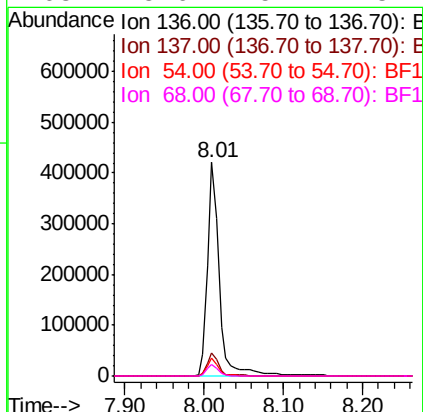
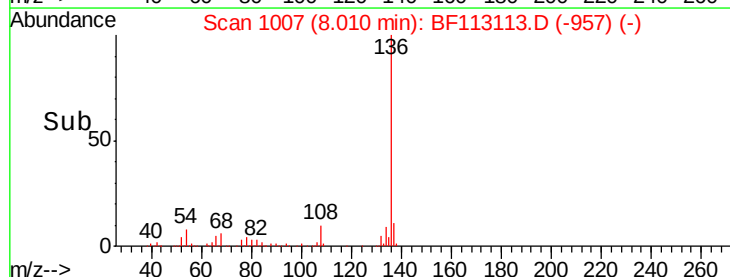
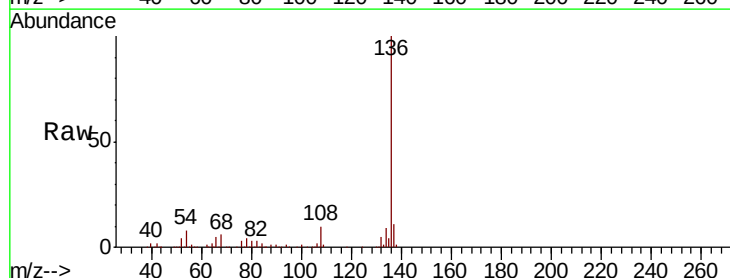
Instrument :
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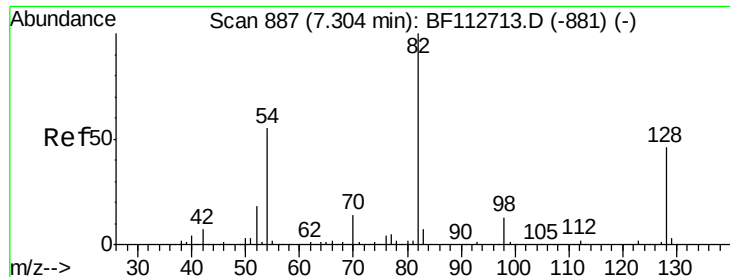
Tgt Ion: 70 Resp: 114590
Ion Ratio Lower Upper
70 100
42 47.5 49.9 74.9#
101 0.0 7.4 11.2#
130 2.4 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113113.D
Acq: 19 Mar 2019 2:19

Tgt Ion: 136 Resp: 445714
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.3 7.3 10.9
68 5.6 5.4 8.2

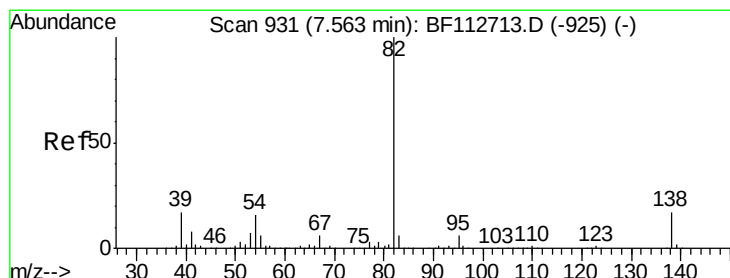
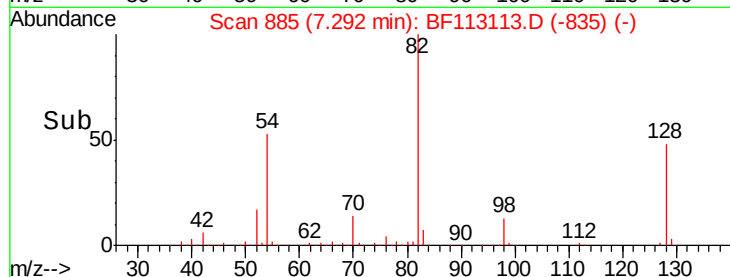
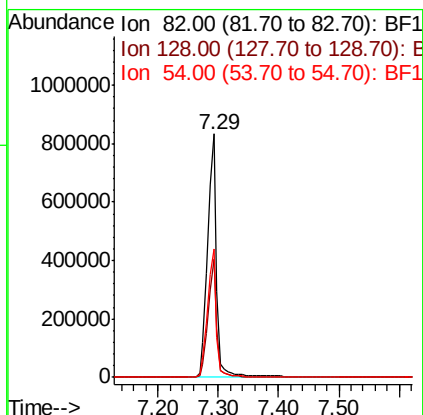
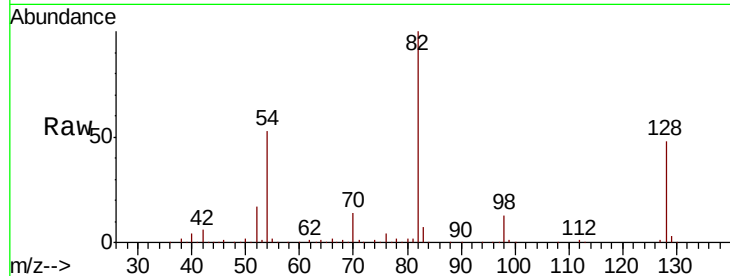




#23
 Nitrobenzene-d5
 Concen: 118.607 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF113113.D
 Acq: 19 Mar 2019 2:19

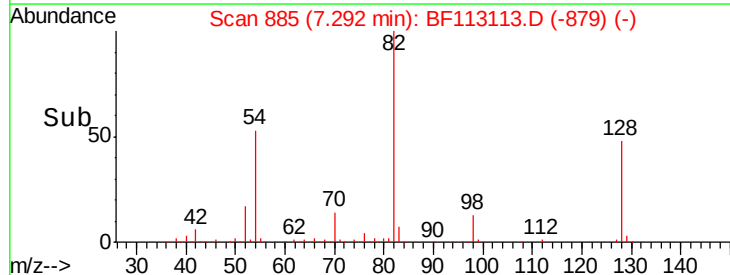
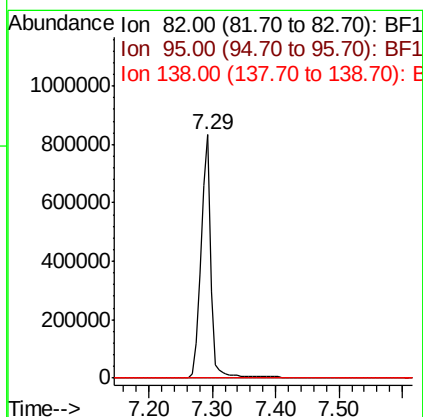
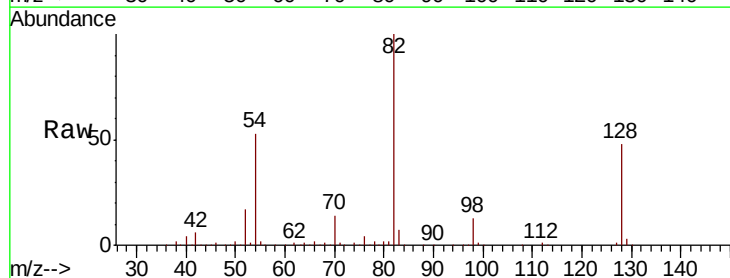
Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B098-031219

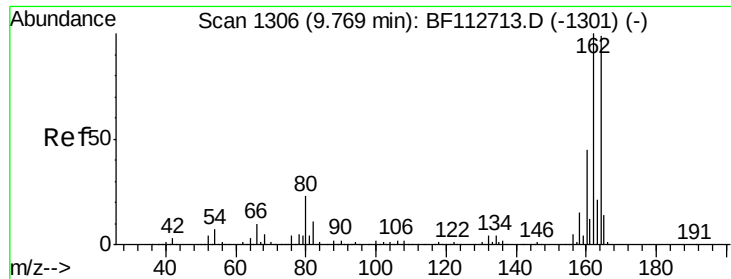
Tgt Ion: 82 Resp: 883467
 Ion Ratio Lower Upper
 82 100
 128 48.5 36.3 54.5
 54 52.8 43.7 65.5



#25
 Isophorone
 Concen: 54.534 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.26 min
 Lab File: BF113113.D
 Acq: 19 Mar 2019 2:19

Tgt Ion: 82 Resp: 875109
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 13.8 20.8#

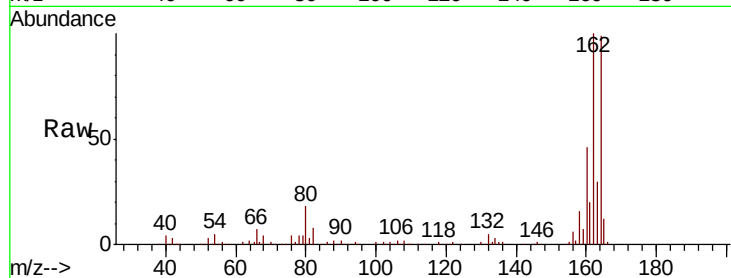




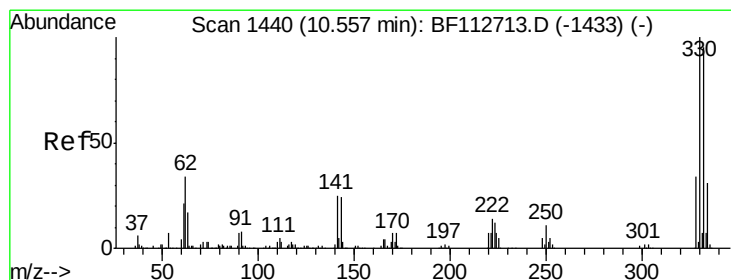
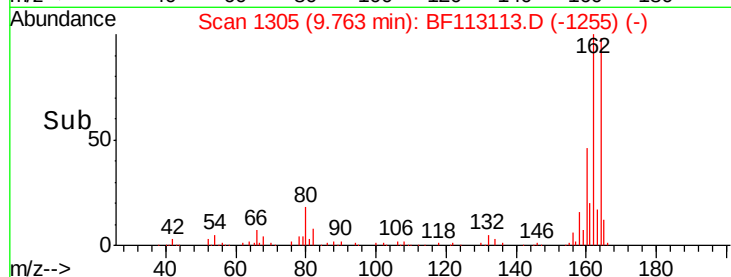
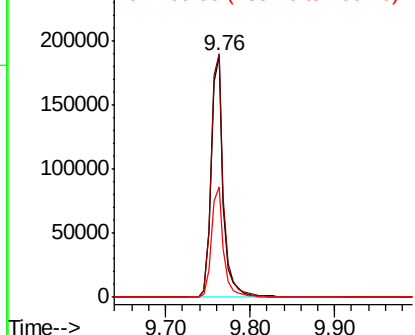
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113113.D
Acq: 19 Mar 2019 2:19

Instrument :
BNA_F
ClientSampleId :
PST-028-B098-031219

Tgt Ion:164 Resp: 191988
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 46.0 36.0 54.0

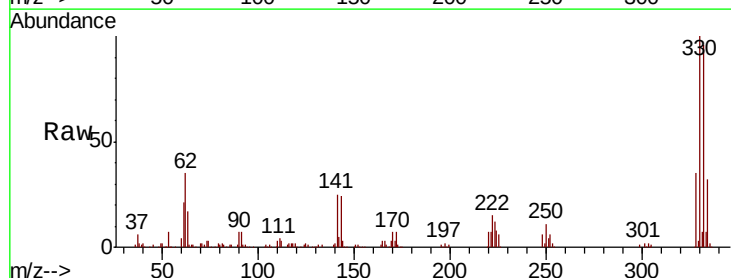


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

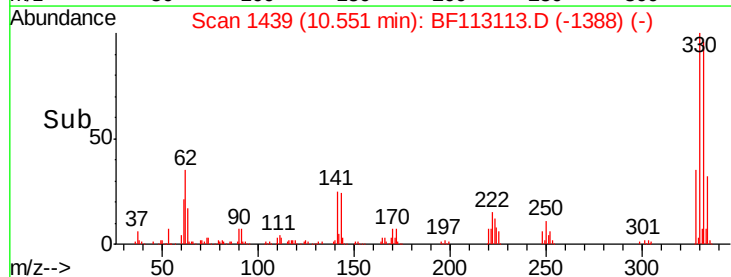
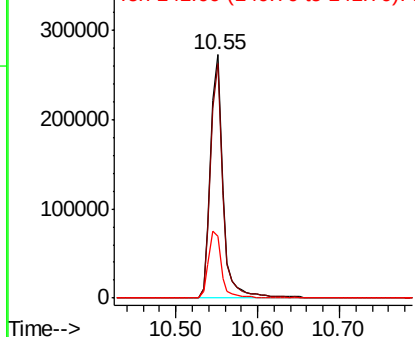


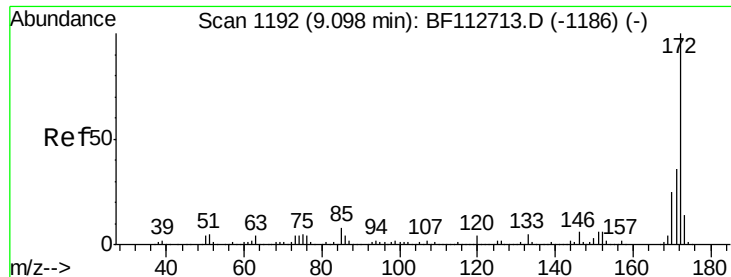
#42
2,4,6-Tribromophenol
Concen: 143.177 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF113113.D
Acq: 19 Mar 2019 2:19

Tgt Ion:330 Resp: 291822
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 28.9 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

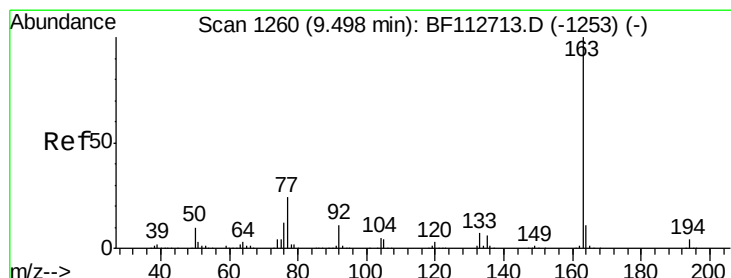
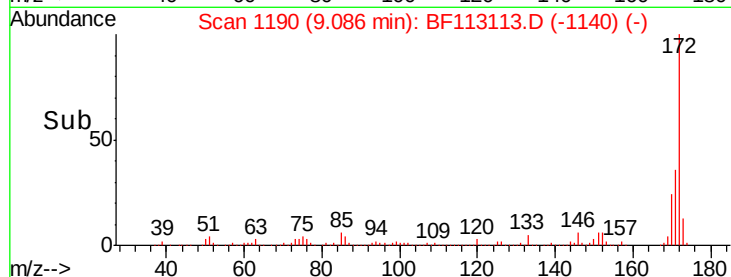
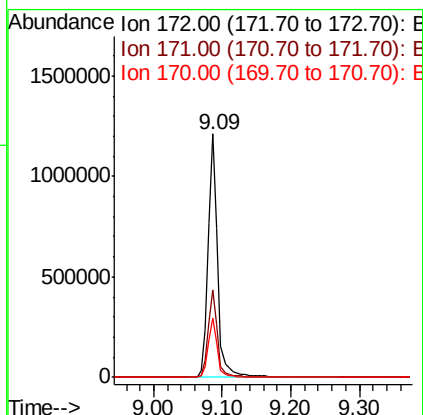
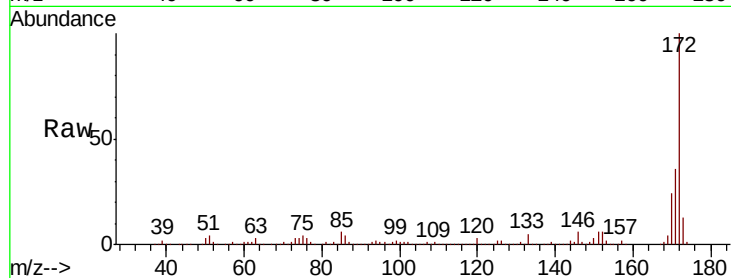




#45
 2-Fluorobiphenyl
 Concen: 115.319 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113113.D
 Acq: 19 Mar 2019 2:19

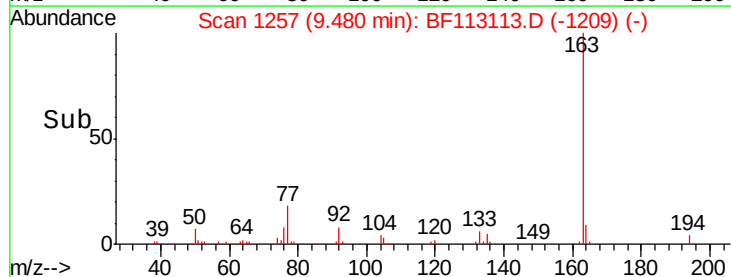
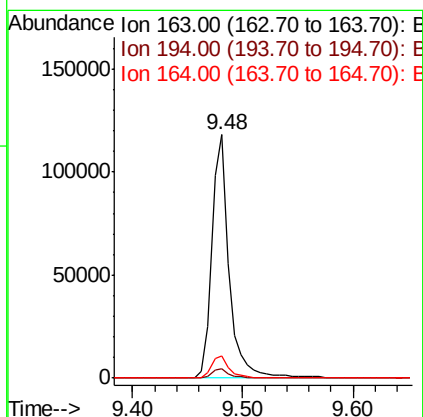
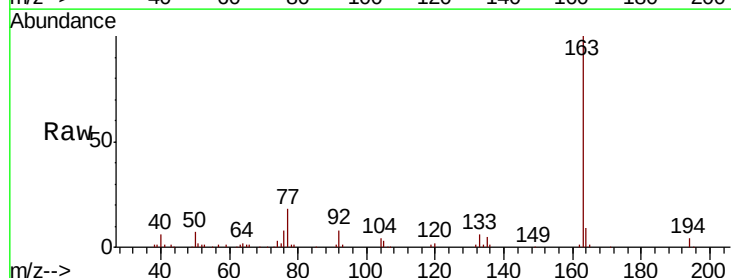
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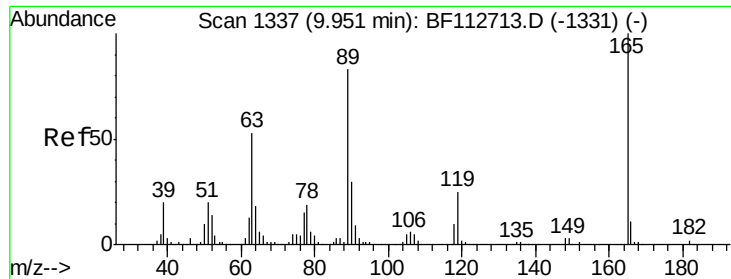
Tgt Ion:172 Resp: 1212604
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.4
 170 24.4 20.0 30.0



#50
 Dimethylphthalate
 Concen: 8.850 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF113113.D
 Acq: 19 Mar 2019 2:19

Tgt Ion:163 Resp: 125285
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.0 4.4
 164 9.1 8.4 12.6

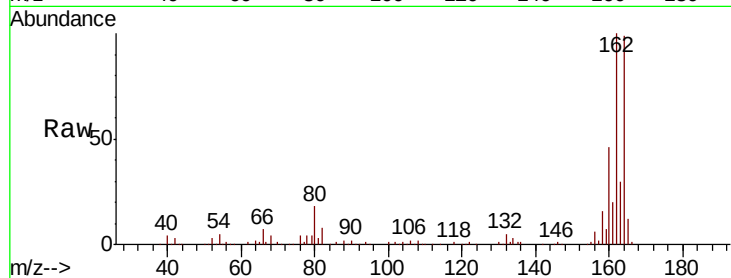




#57
2,4-Dinitrotoluene
Concen: 6.624 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF113113.D
Acq: 19 Mar 2019 2:19

Instrument :
BNA_F
ClientSampleId :
PST-028-B098-031219

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

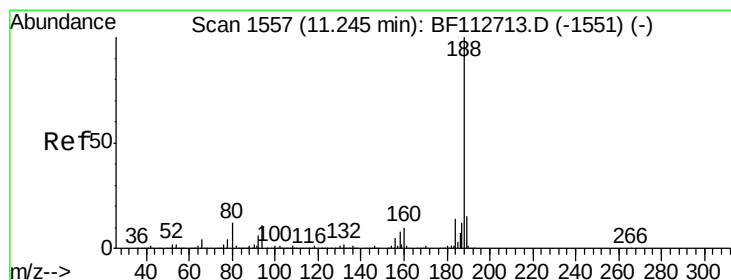
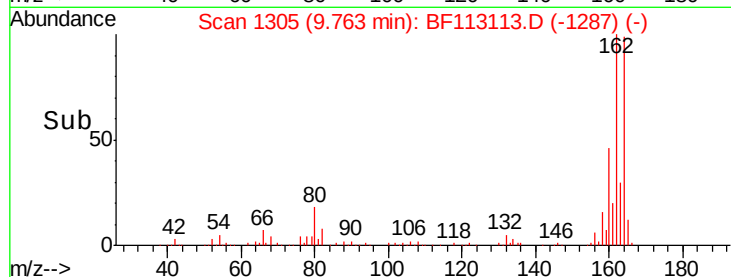
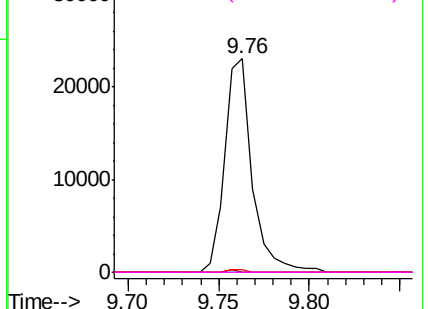


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

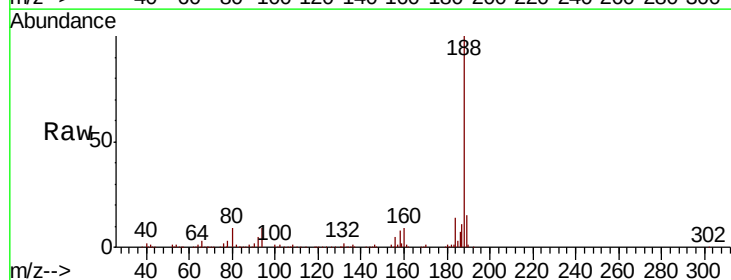
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113113.D
Acq: 19 Mar 2019 2:19

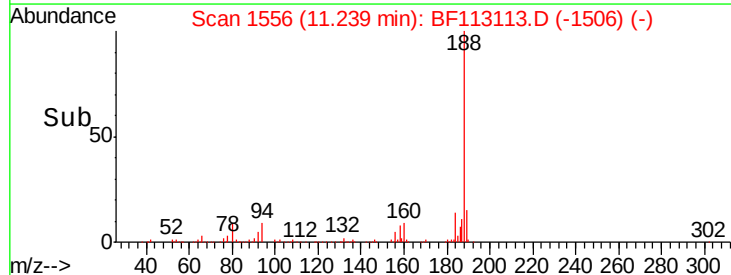
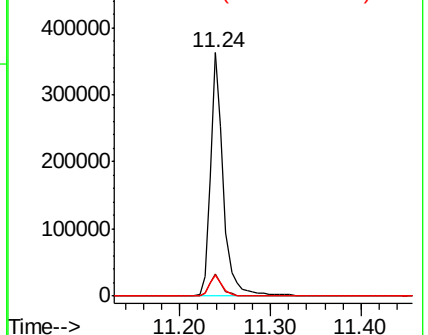
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.0	13.4
80	8.8	9.2	13.8#

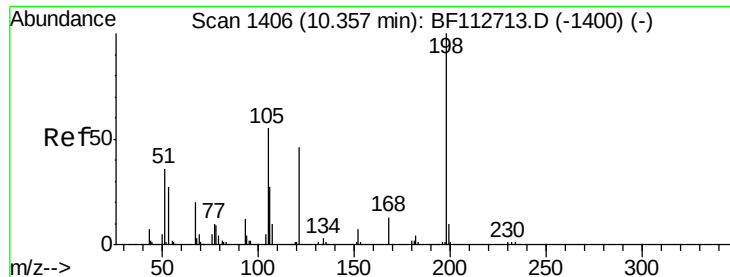


Abundance Ion 188.00 (187.70 to 188.70): E

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: 4.908 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.19 min

Lab File: BF113113.D

Acq: 19 Mar 2019 2:19

Instrument :

BNA_F

ClientSampleId :

PST-028-B098-031219

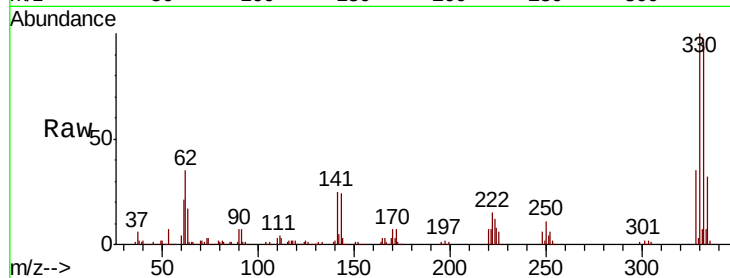
Tgt Ion:198 Resp: 484

Ion Ratio Lower Upper

198 100

51 143.3 43.8 83.8#

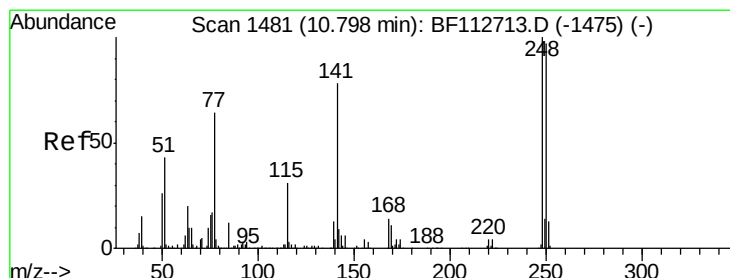
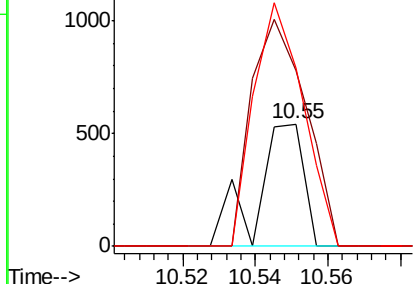
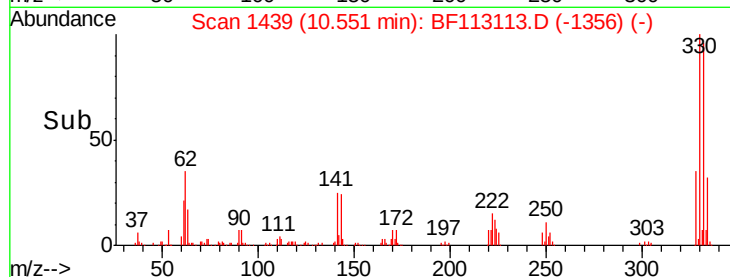
105 146.2 36.5 76.5#



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: 4.451 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF113113.D

Acq: 19 Mar 2019 2:19

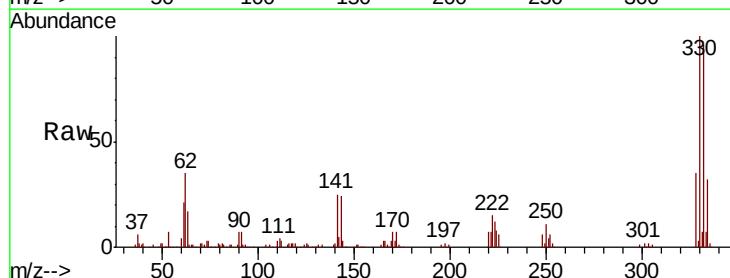
Tgt Ion:248 Resp: 16928

Ion Ratio Lower Upper

248 100

250 204.9 77.5 116.3#

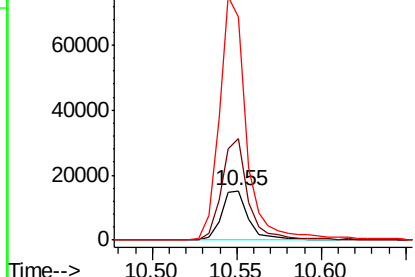
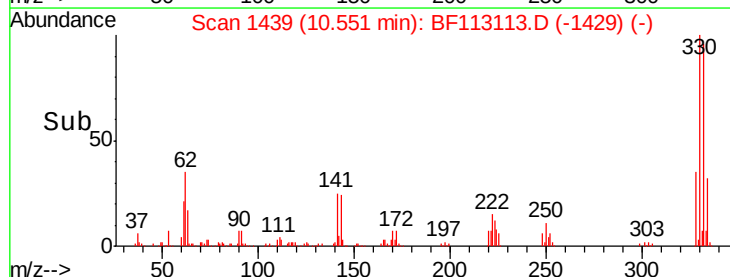
141 450.4 62.4 93.6#

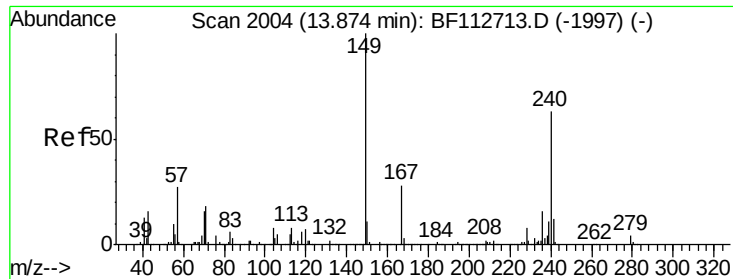


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

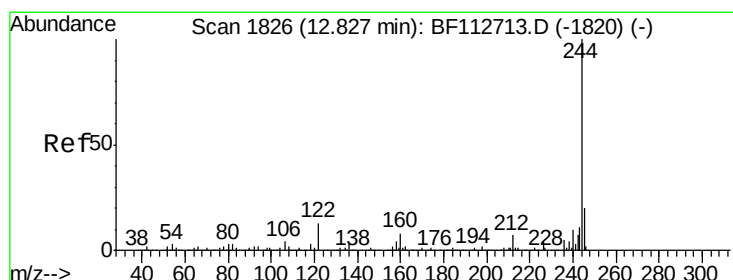
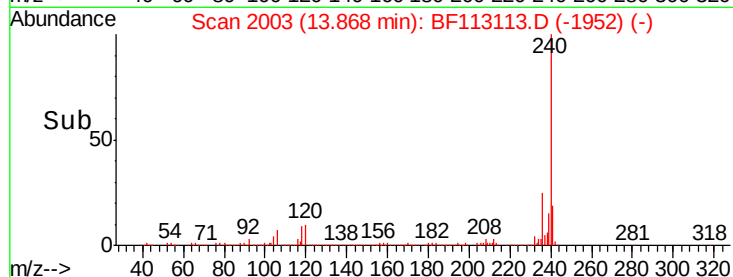
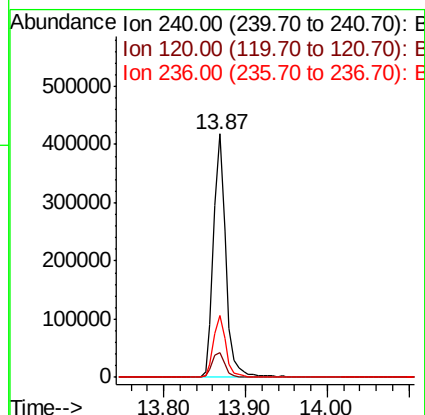
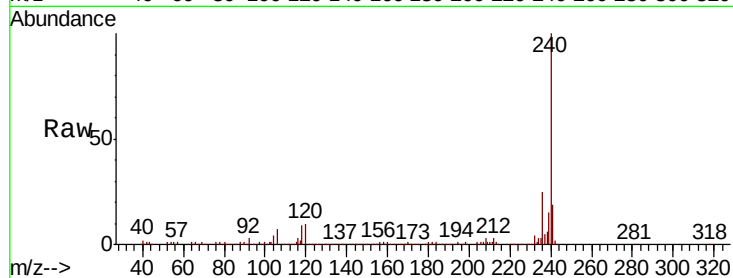




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113113.D
Acq: 19 Mar 2019 2:19

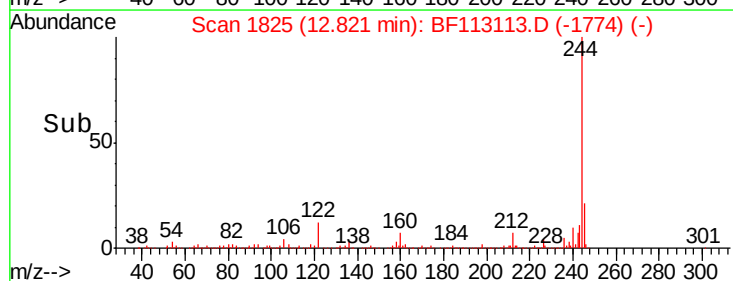
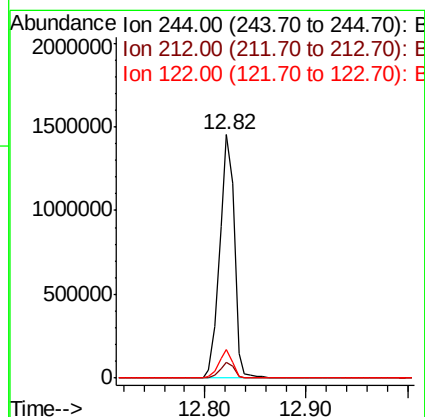
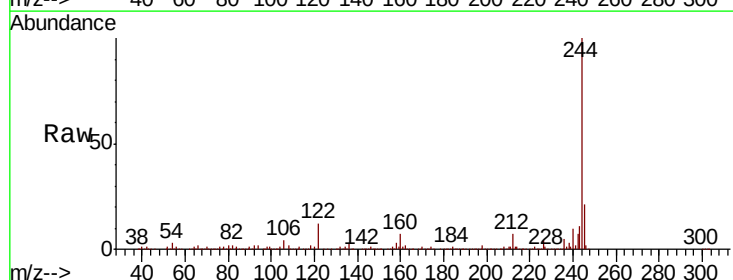
Instrument :
BNA_F
ClientSampleId :
PST-028-B098-031219

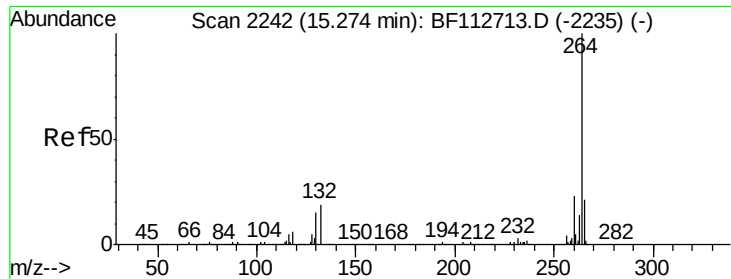
Tgt Ion:240 Resp: 437883
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 25.3 20.7 31.1



#79
Terphenyl-d14
Concen: 64.493 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF113113.D
Acq: 19 Mar 2019 2:19

Tgt Ion:244 Resp: 1456822
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 11.9 10.5 15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF113113.D
Acq: 19 Mar 2019 2:19

Instrument :
BNA_F
ClientSampleId :
PST-028-B098-031219

Tgt Ion: 264 Resp: 294357
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.5 17.2 25.8

