

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113117.D
 Acq On : 19 Mar 2019 4:08
 Operator : JU/SJ
 Sample : K1947-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B035-031319

Quant Time: Mar 19 06:47:38 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

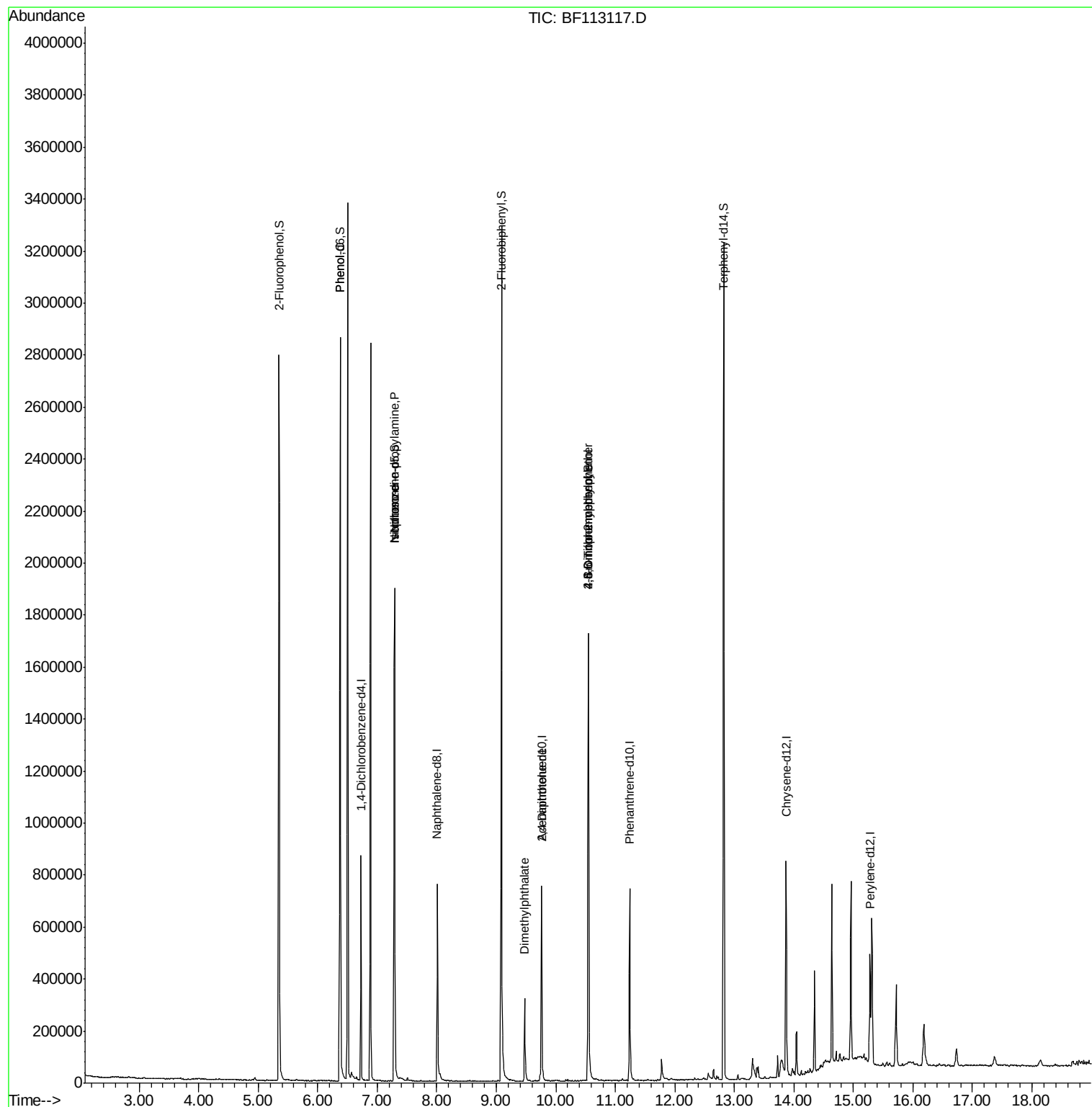
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	121922	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	410865	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	171130	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	326553	20.00	ng	0.00
76) Chrysene-d12	13.87	240	324028	20.00	ng	0.00
87) Perylene-d12	15.28	264	226688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	865541	110.43	ng	0.00
7) Phenol-d6	6.38	99	1085756	110.28	ng	0.00
23) Nitrobenzene-d5	7.29	82	656627	95.63	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	275000	151.37	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1136574	125.45	ng	0.00
79) Terphenyl-d14	12.82	244	1134619	67.88	ng	0.00
Target Compounds						
10) Phenol	6.39	94	43228	3.762	ng	80
19) n-Nitroso-di-n-propylamine	7.29	70	85946	13.783	ng	# 75
25) Isophorone	7.29	82	651828	44.065	ng	# 66
50) Dimethylphthalate	9.48	163	168917	13.387	ng	98
57) 2,4-Dinitrotoluene	9.76	165	20649	6.322	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	334	4.838	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	15143	4.403	ng	# 1

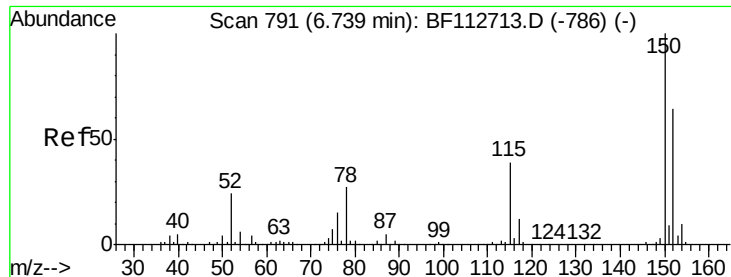
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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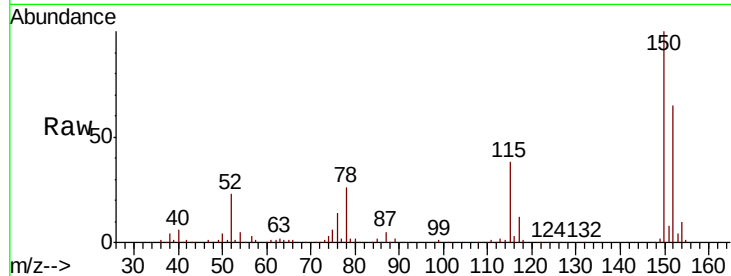


#1

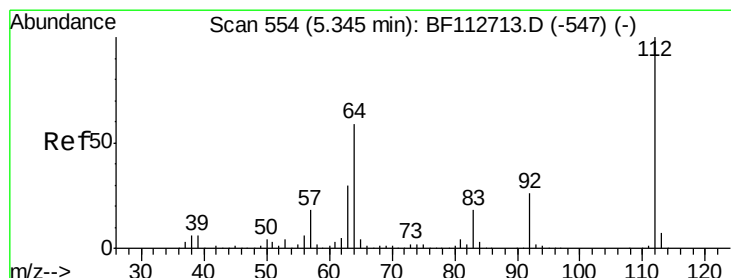
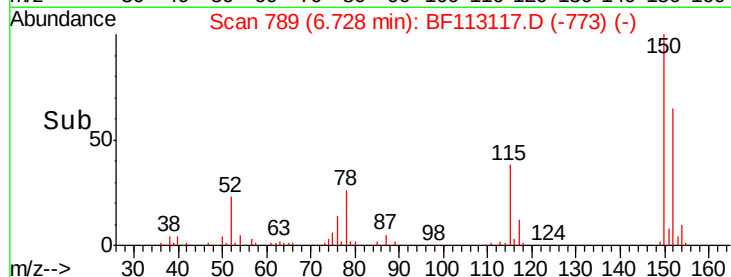
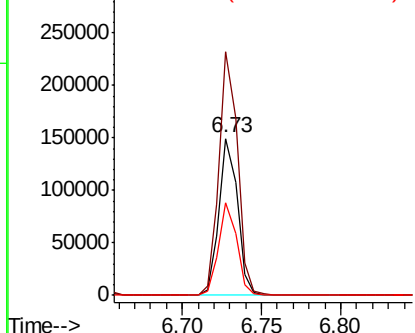
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF113117.D
 Acq: 19 Mar 2019 4:08

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B035-031319

Tgt Ion:152 Resp: 121922
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.2 186.2
 115 59.3 48.2 72.4



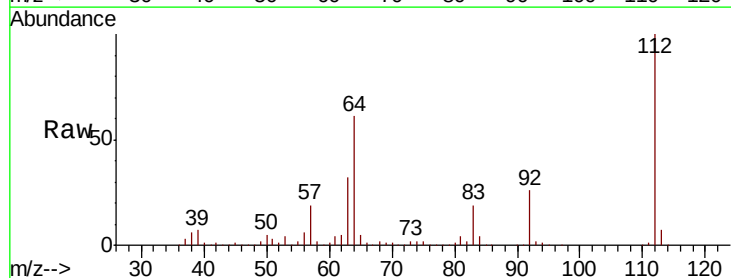
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



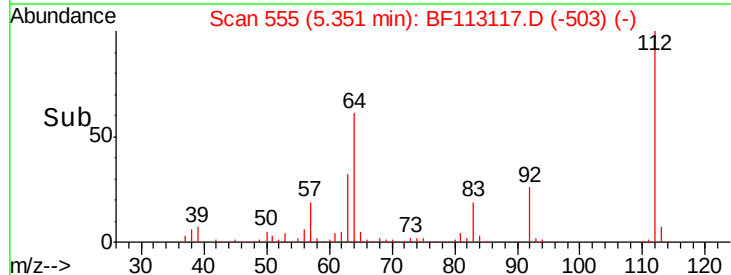
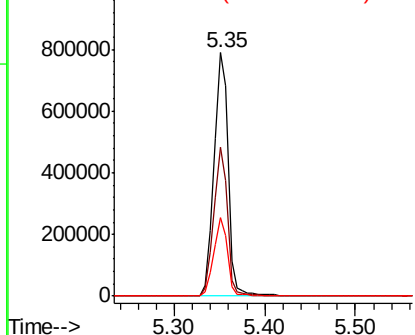
#5

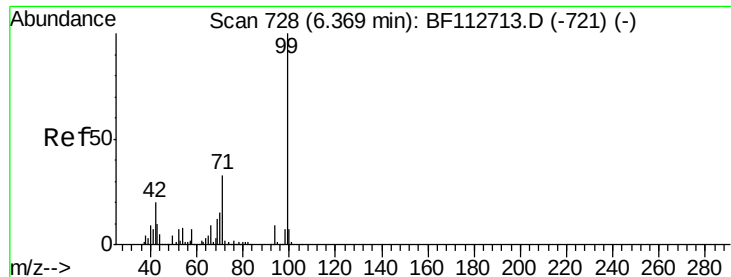
2-Fluorophenol
 Concen: 110.430 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF113117.D
 Acq: 19 Mar 2019 4:08

Tgt Ion:112 Resp: 865541
 Ion Ratio Lower Upper
 112 100
 64 61.1 47.6 71.4
 63 32.0 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: 110.277 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF113117.D

Acq: 19 Mar 2019 4:08

Instrument :

BNA_F

ClientSampleId :

PST-025-B035-031319

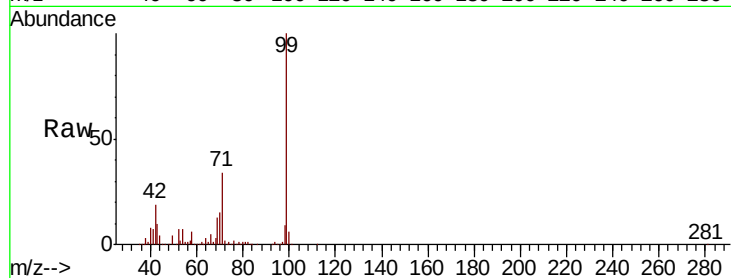
Tgt Ion: 99 Resp: 1085756

Ion Ratio Lower Upper

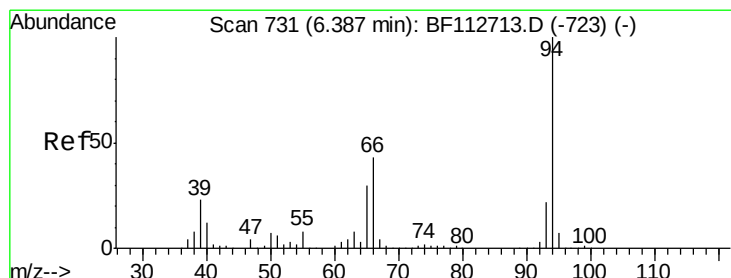
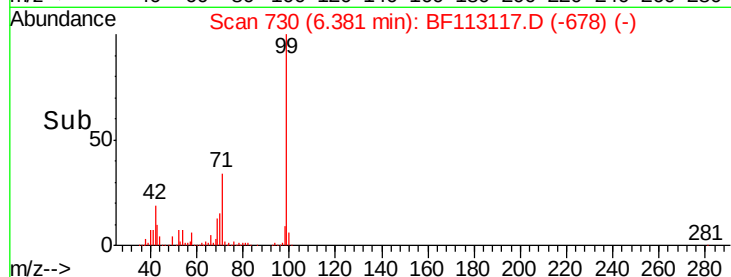
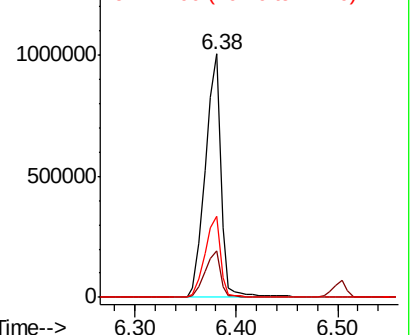
99 100

42 18.8 16.3 24.5

71 33.5 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: 3.762 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF113117.D

Acq: 19 Mar 2019 4:08

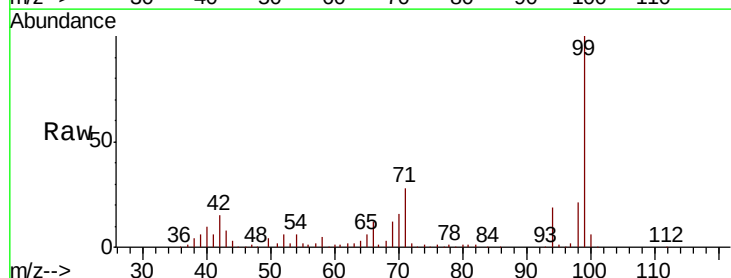
Tgt Ion: 94 Resp: 43228

Ion Ratio Lower Upper

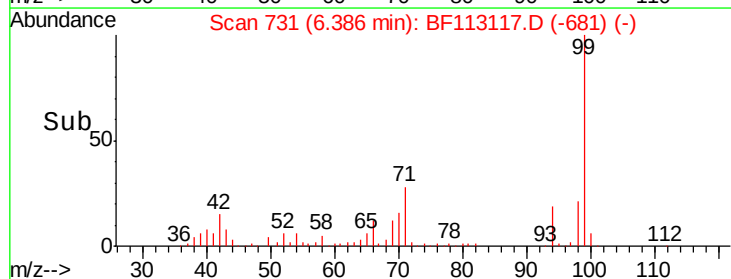
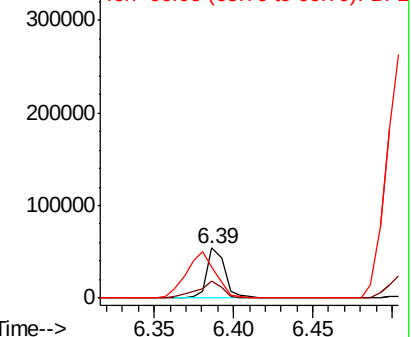
94 100

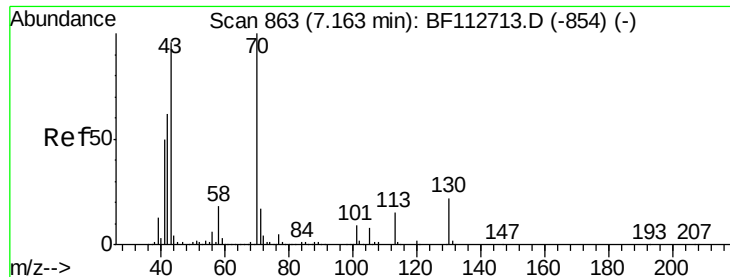
65 34.1 10.5 50.5

66 61.6 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: 13.783 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF113117.D

Acq: 19 Mar 2019 4:08

Instrument :

BNA_F

ClientSampleId :

PST-025-B035-031319

Tgt Ion: 70 Resp: 85946

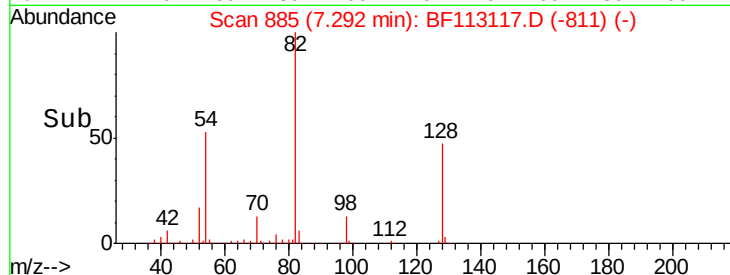
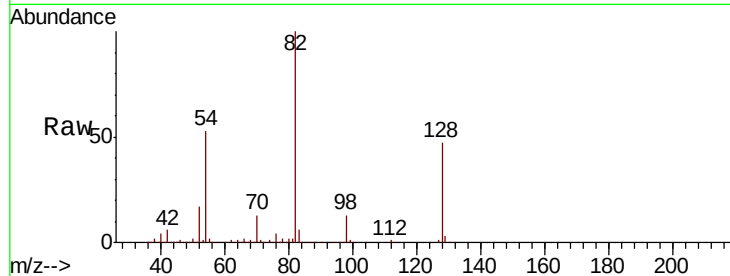
Ion Ratio Lower Upper

70 100

42 47.5 49.9 74.9#

101 0.0 7.4 11.2#

130 2.3 17.4 26.2#

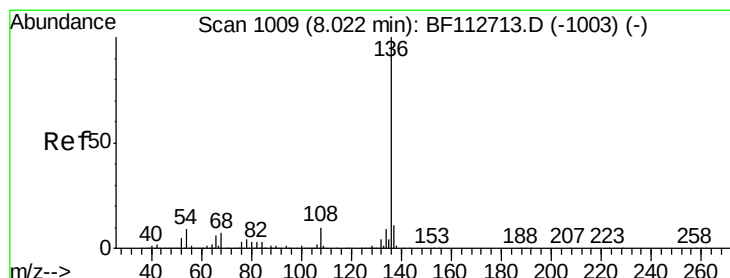
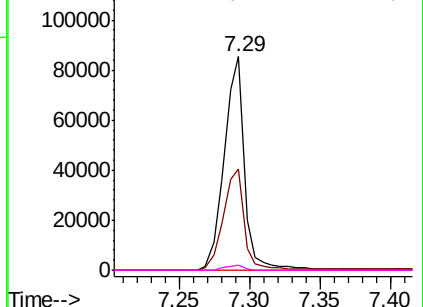


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113117.D

Acq: 19 Mar 2019 4:08

Tgt Ion: 136 Resp: 410865

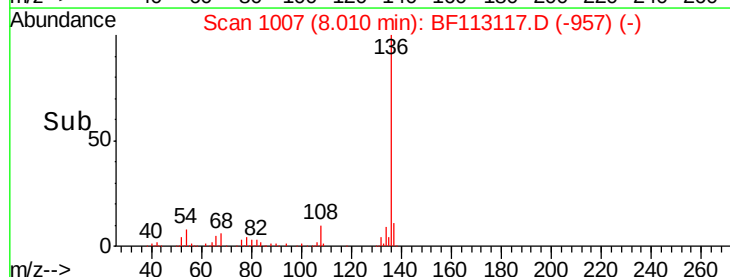
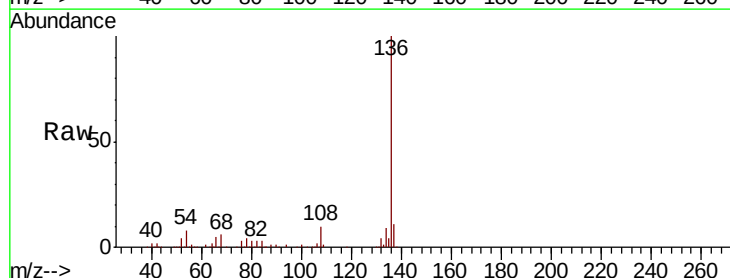
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.0 7.3 10.9

68 5.7 5.4 8.2

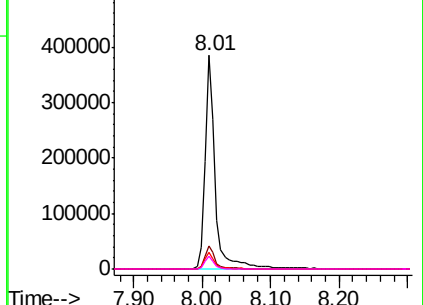


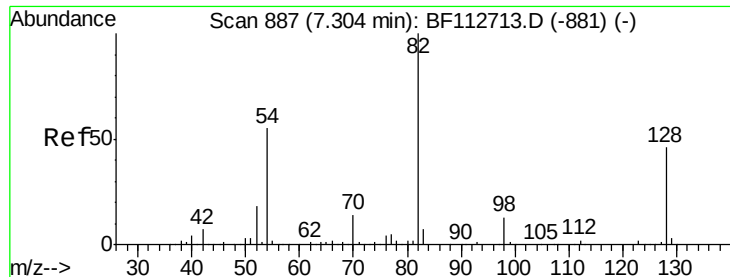
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

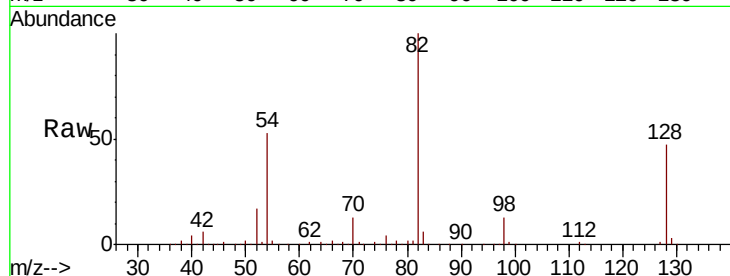




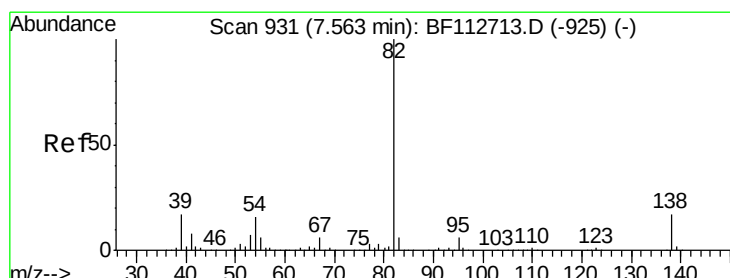
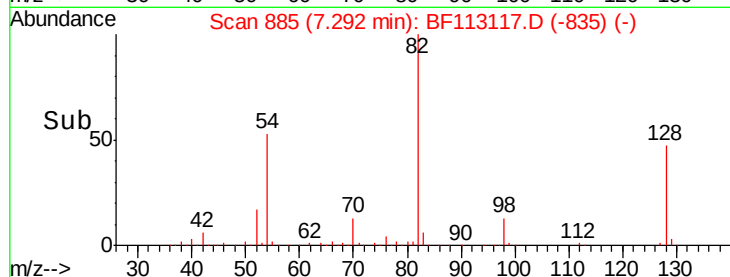
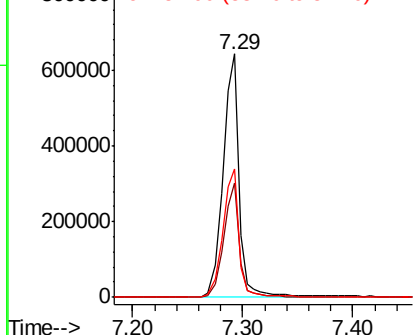
#23
 Nitrobenzene-d5
 Concen: 95.630 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF113117.D
 Acq: 19 Mar 2019 4:08

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B035-031319

Tgt Ion: 82 Resp: 656627
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.3 54.5
 54 52.6 43.7 65.5

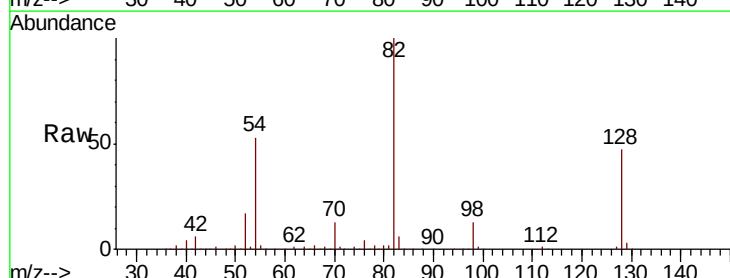


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

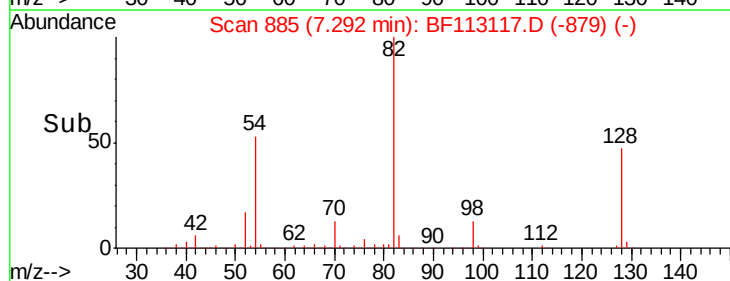
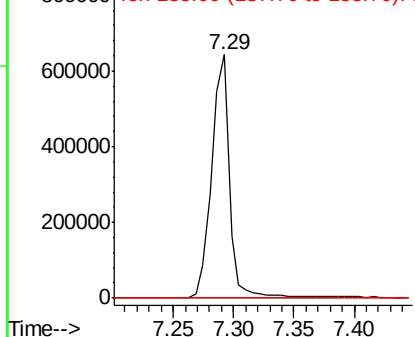


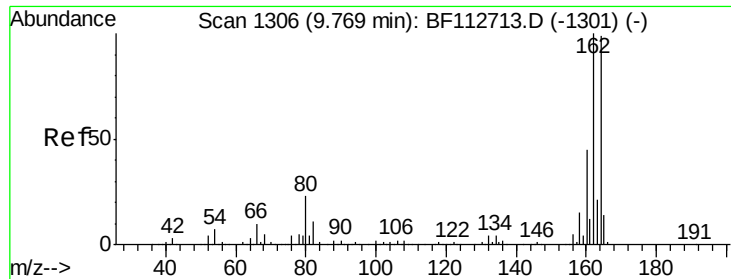
#25
 Isophorone
 Concen: 44.065 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.26 min
 Lab File: BF113117.D
 Acq: 19 Mar 2019 4:08

Tgt Ion: 82 Resp: 651828
 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

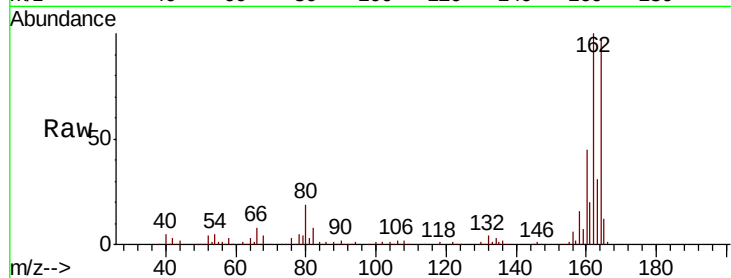




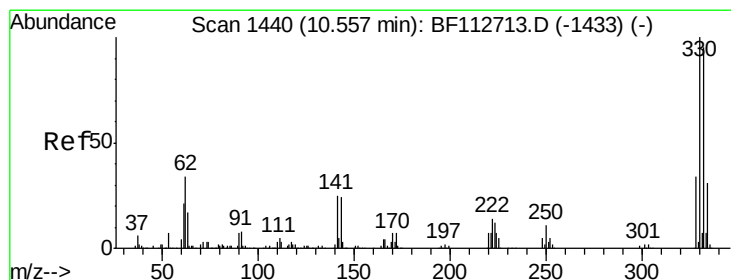
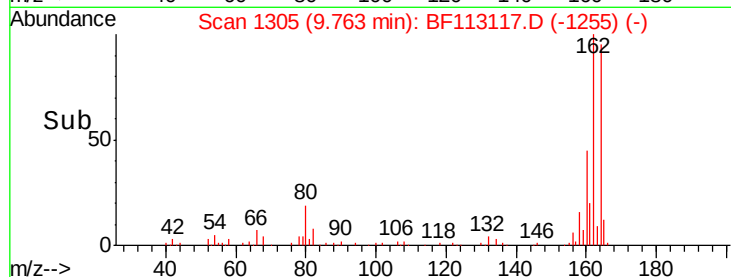
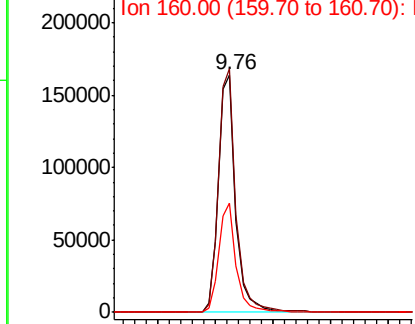
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113117.D
Acq: 19 Mar 2019 4:08

Instrument :
BNA_F
ClientSampleId :
PST-025-B035-031319

Tgt Ion:164 Resp: 171130
Ion Ratio Lower Upper
164 100
162 102.6 80.6 120.8
160 46.0 36.0 54.0

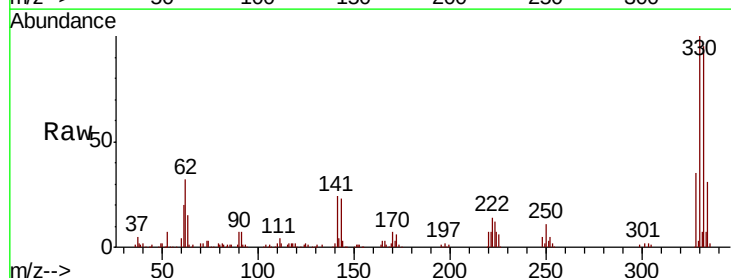


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

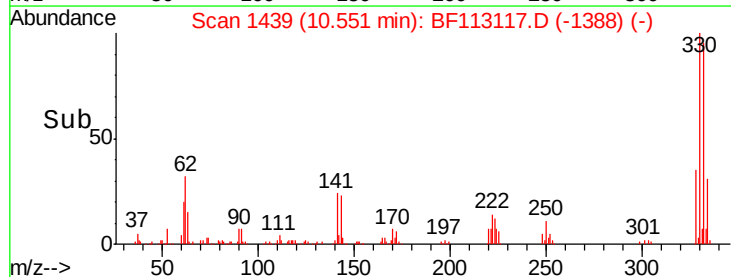
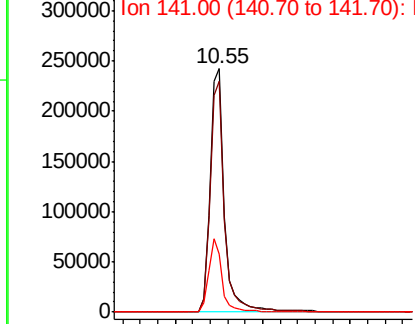


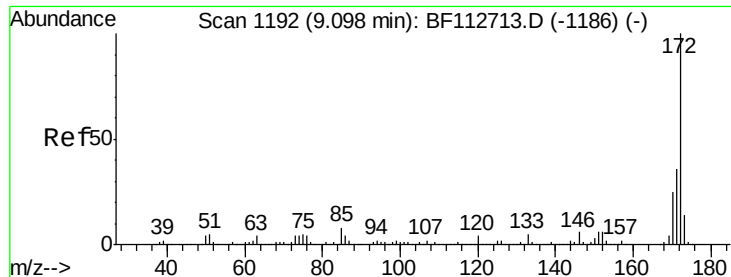
#42
2,4,6-Tribromophenol
Concen: 151.368 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF113117.D
Acq: 19 Mar 2019 4:08

Tgt Ion:330 Resp: 275000
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 28.6 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

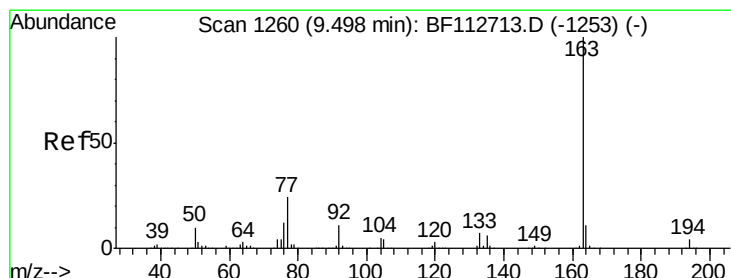
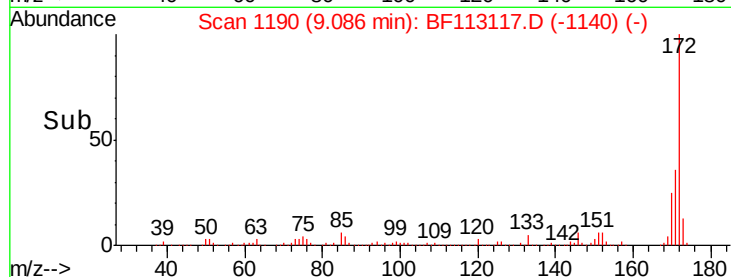
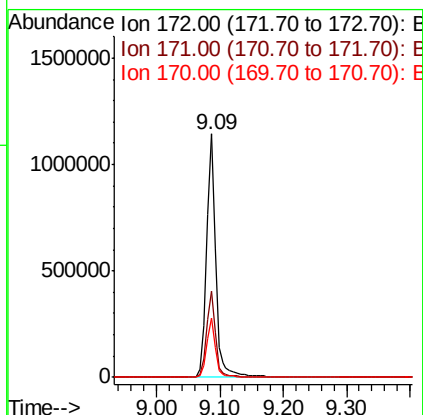
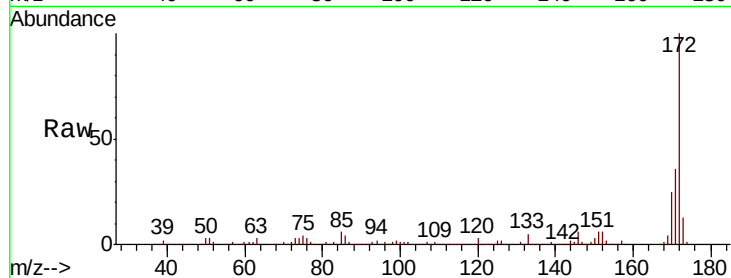




#45
 2-Fluorobiphenyl
 Concen: 125.453 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113117.D
 Acq: 19 Mar 2019 4:08

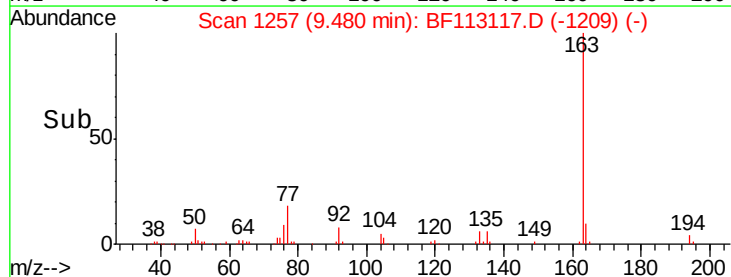
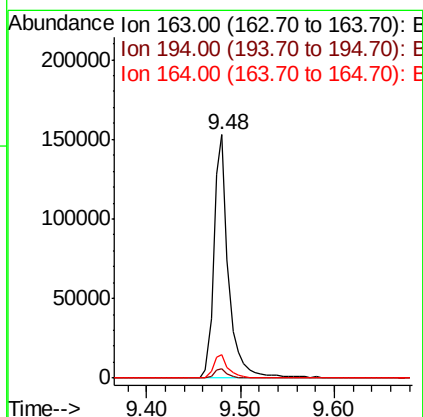
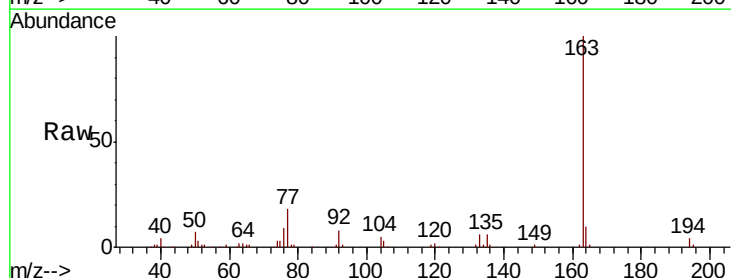
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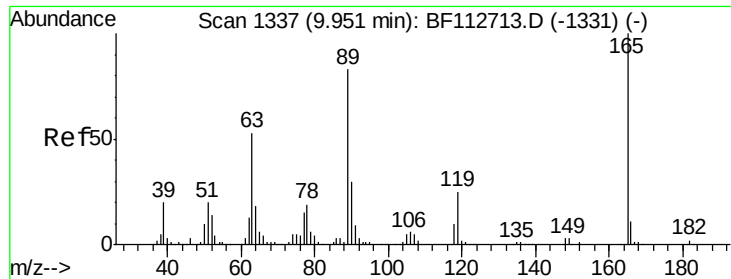
Tgt Ion:172 Resp: 1136574
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.4
 170 24.5 20.0 30.0



#50
 Dimethylphthalate
 Concen: 13.387 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF113117.D
 Acq: 19 Mar 2019 4:08

Tgt Ion:163 Resp: 168917
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.0 4.4
 164 9.7 8.4 12.6

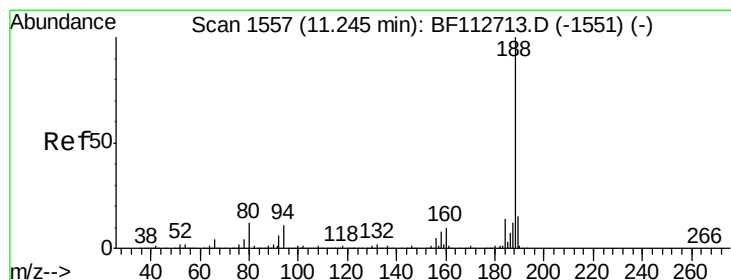
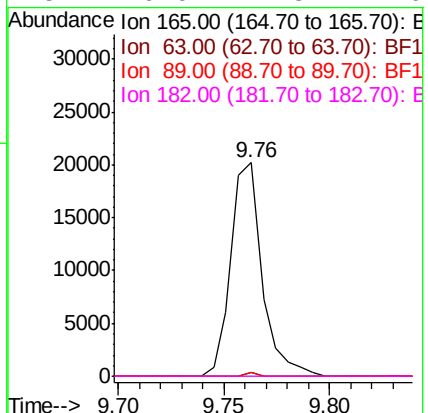
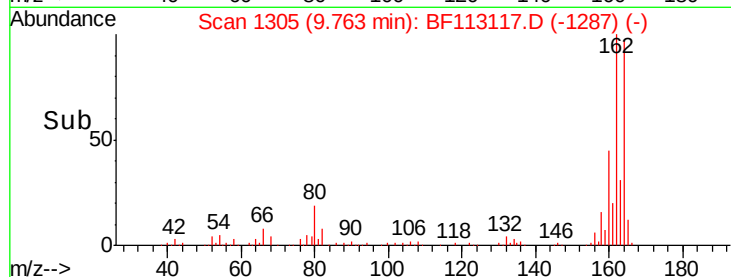
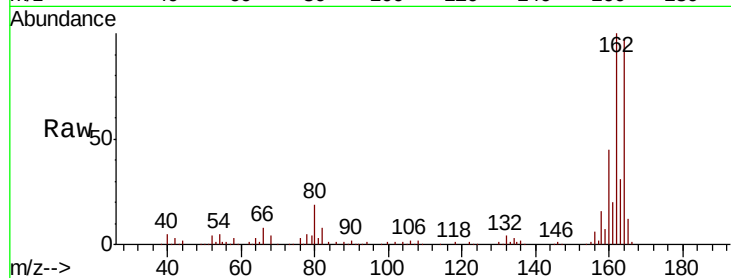




#57
2,4-Dinitrotoluene
Concen: 6.322 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF113117.D
Acq: 19 Mar 2019 4:08

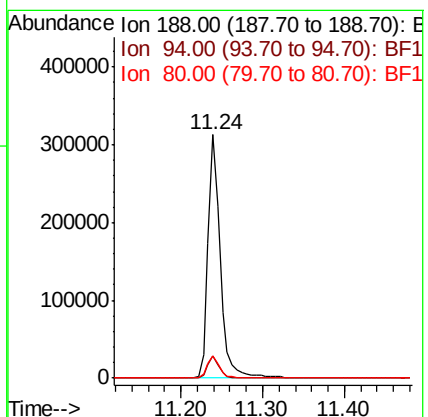
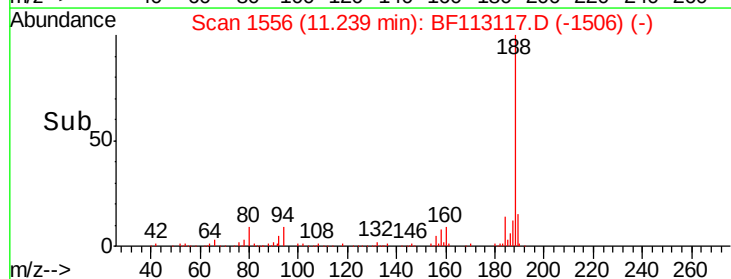
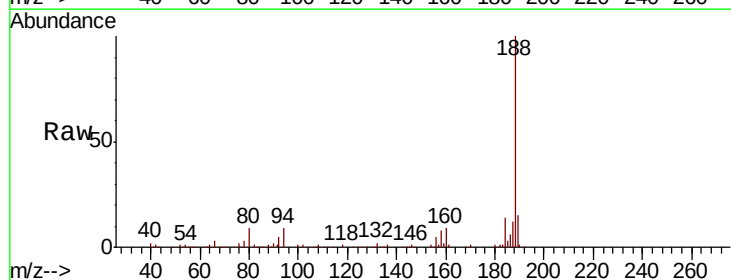
Instrument :
BNA_F
ClientSampleId :
PST-025-B035-031319

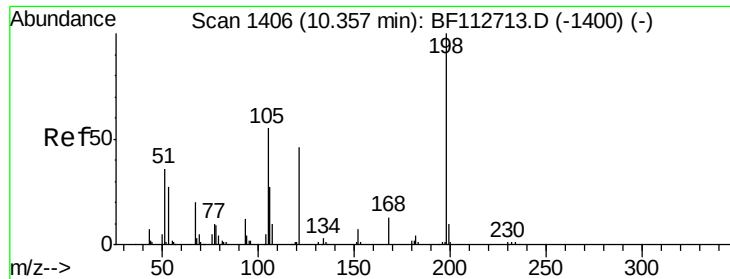
Tgt Ion:	165	Resp:	20649
Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.2	63.2#
89	1.8	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113117.D
Acq: 19 Mar 2019 4:08

Tgt Ion:	188	Resp:	326553
Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.3	9.2	13.8

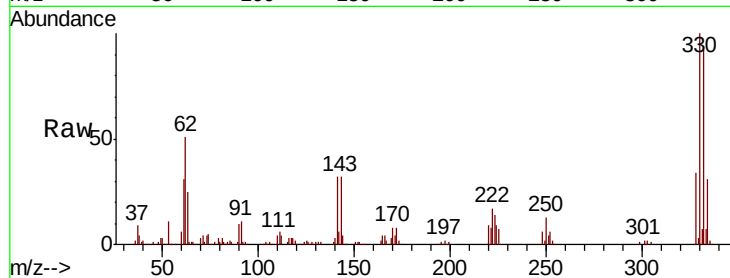




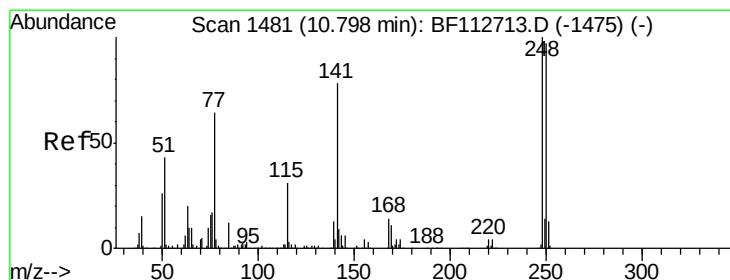
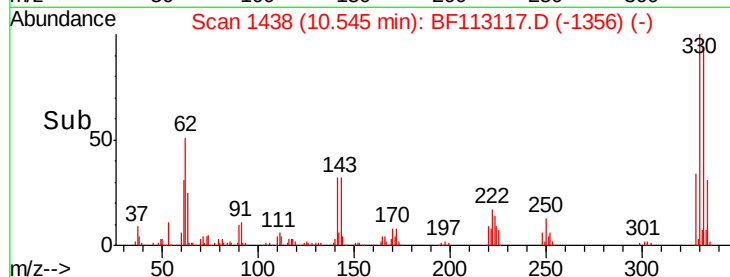
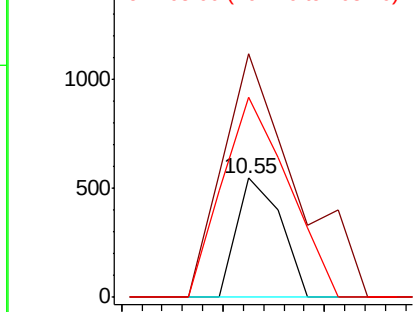
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.838 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.18 min
 Lab File: BF113117.D
 Acq: 19 Mar 2019 4:08

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B035-031319

Tgt Ion:198 Resp: 334
 Ion Ratio Lower Upper
 198 100
 51 204.4 43.8 83.8#
 105 168.0 36.5 76.5#

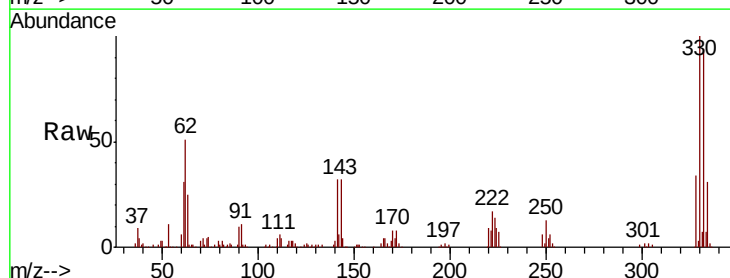


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

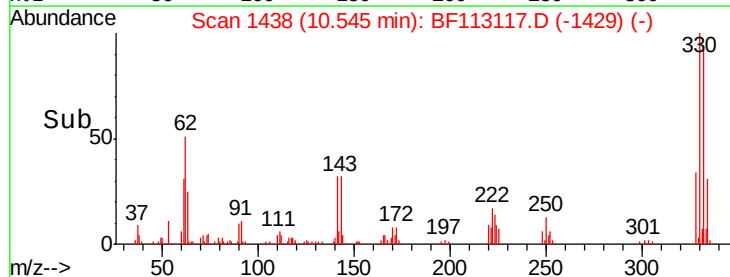
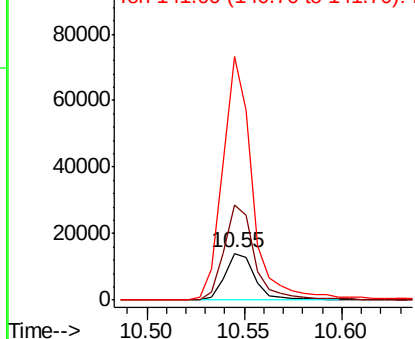


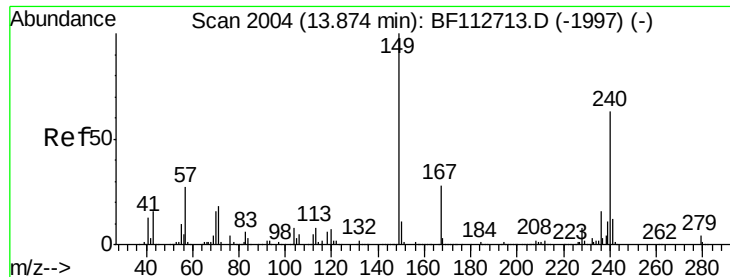
#67
 4-Bromophenyl-phenylether
 Concen: 4.403 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF113117.D
 Acq: 19 Mar 2019 4:08

Tgt Ion:248 Resp: 15143
 Ion Ratio Lower Upper
 248 100
 250 204.5 77.5 116.3#
 141 520.3 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

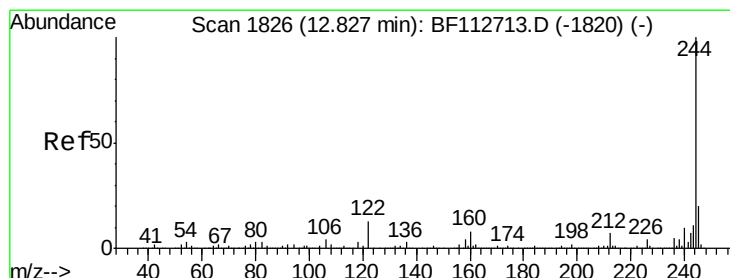
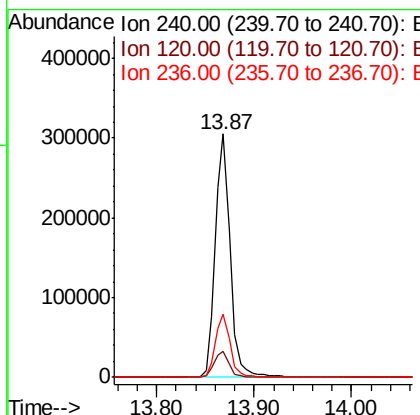
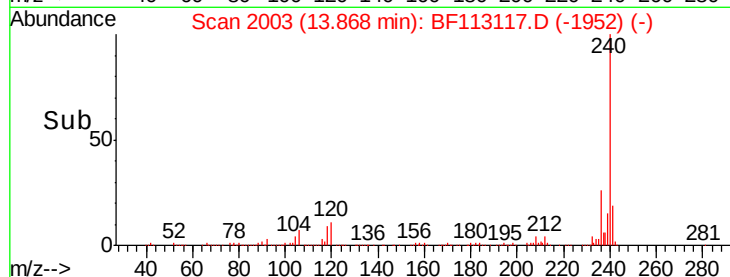
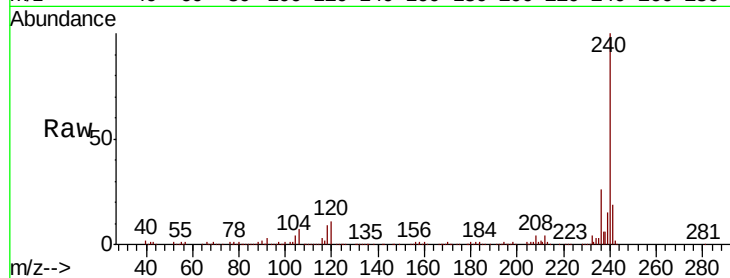




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113117.D
Acq: 19 Mar 2019 4:08

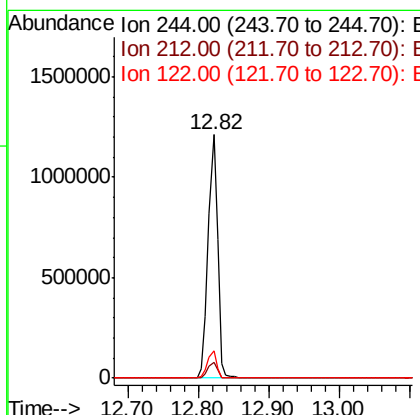
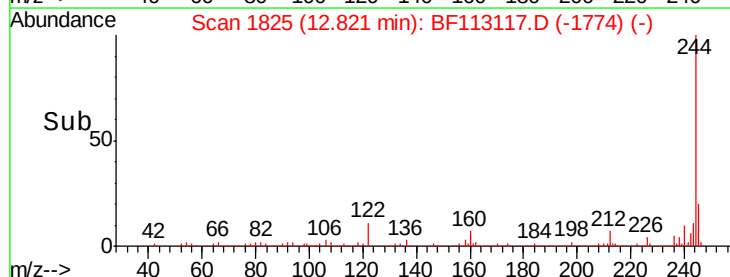
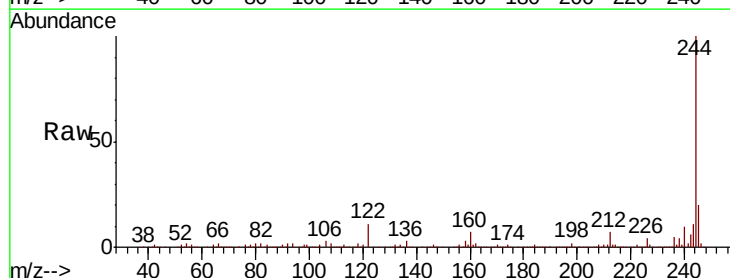
Instrument :
BNA_F
ClientSampleId :
PST-025-B035-031319

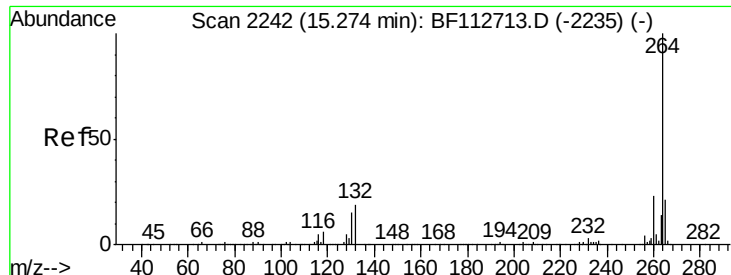
Tgt Ion:240 Resp: 324028
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.1 20.7 31.1



#79
Terphenyl-d14
Concen: 67.879 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF113117.D
Acq: 19 Mar 2019 4:08

Tgt Ion:244 Resp: 1134619
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 11.1 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: BF113117.D
Acq: 19 Mar 2019 4:08

Instrument :
BNA_F
ClientSampleId :
PST-025-B035-031319

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.5	17.2	25.8

