

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
 Data File : BF112984.D
 Acq On : 12 Mar 2019 5:16
 Operator : JU/SJ
 Sample : K1817-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B111-030619

Quant Time: Mar 12 07:24:43 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	21935	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	76643	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	50903	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	127351	20.00	ng	0.00
76) Chrysene-d12	13.86	240	106122	20.00	ng	-0.01
87) Perylene-d12	15.27	264	79284	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	106247	75.35	ng	-0.02
7) Phenol-d6	6.36	99	139468	78.74	ng	-0.01
23) Nitrobenzene-d5	7.29	82	71936	56.16	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	61372	113.57	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	191592	57.20	ng	-0.01
79) Terphenyl-d14	12.82	244	301750	55.12	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	8528	7.602	ng	# 82
25) Isophorone	7.29	82	71935	26.069	ng	# 66
50) Dimethylphthalate	9.48	163	15741	4.194	ng	# 99
51) 2,6-Dinitrotoluene	9.76	165	6327	8.095	ng	# 17
57) 2,4-Dinitrotoluene	9.76	165	6327	6.512	ng	# 16
67) 4-Bromophenyl-phenylether	10.55	248	3281	2.446	ng	# 1

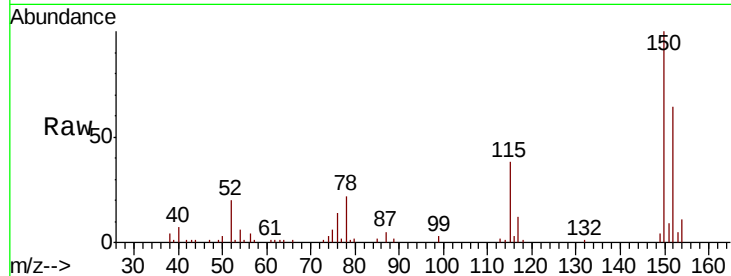
(#) = qualifier out of range (m) = manual integration (+) = signals summed



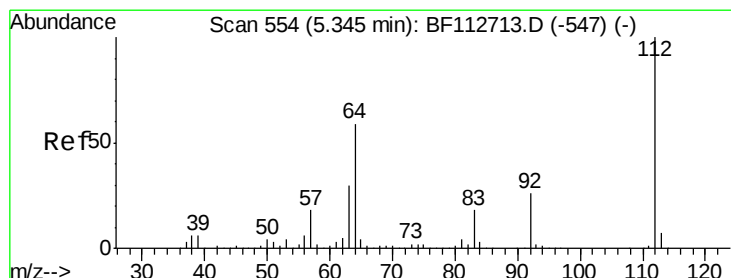
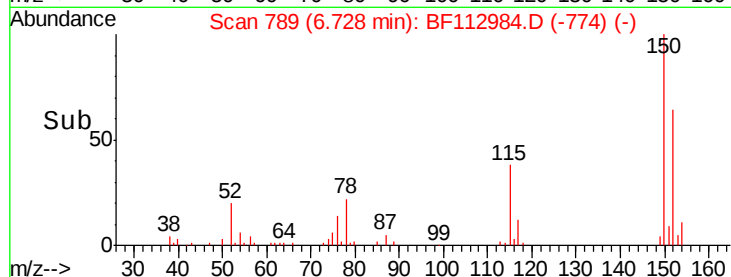
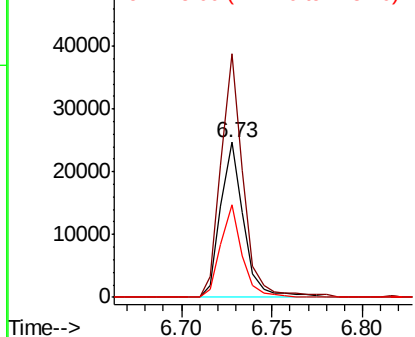
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112984.D
 Acq: 12 Mar 2019 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B111-030619

Tgt Ion:152 Resp: 21935
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.2 186.2
 115 59.6 48.2 72.4

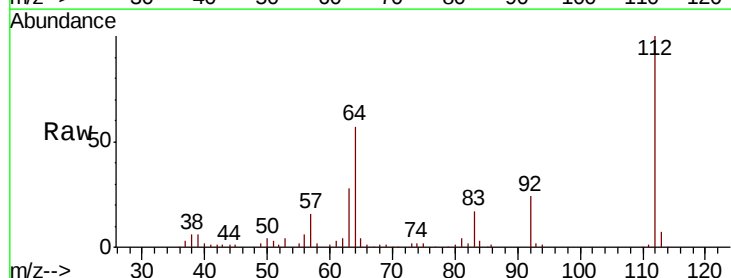


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

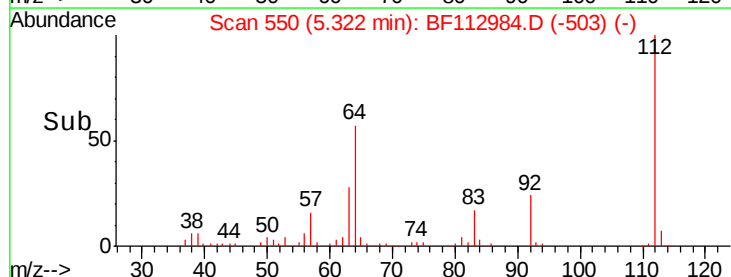
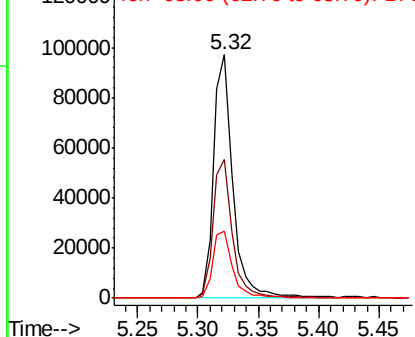


#5
 2-Fluorophenol
 Concen: 75.346 ng
 RT: 5.32 min Scan# 550
 Delta R.T. -0.02 min
 Lab File: BF112984.D
 Acq: 12 Mar 2019 5:16

Tgt Ion:112 Resp: 106247
 Ion Ratio Lower Upper
 112 100
 64 57.0 47.6 71.4
 63 27.5 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: 78.736 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF112984.D

Acq: 12 Mar 2019 5:16

Instrument :

BNA_F

ClientSampleId :

PST-027-B111-030619

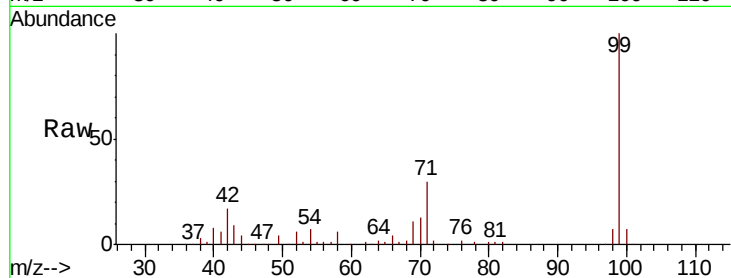
Tgt Ion: 99 Resp: 139468

Ion Ratio Lower Upper

99 100

42 16.9 16.3 24.5

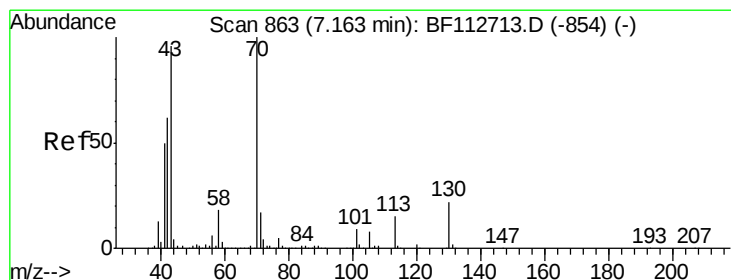
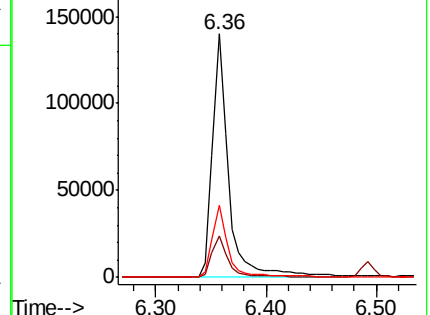
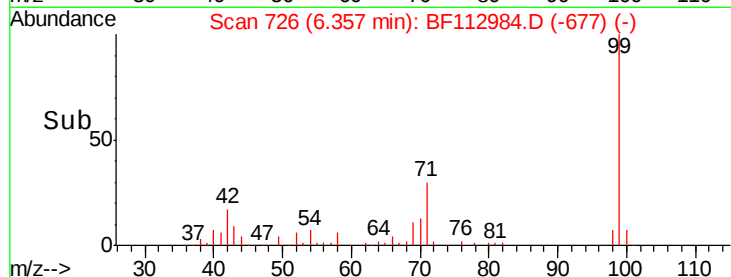
71 29.8 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 7.602 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112984.D

Acq: 12 Mar 2019 5:16

Tgt Ion: 70 Resp: 8528

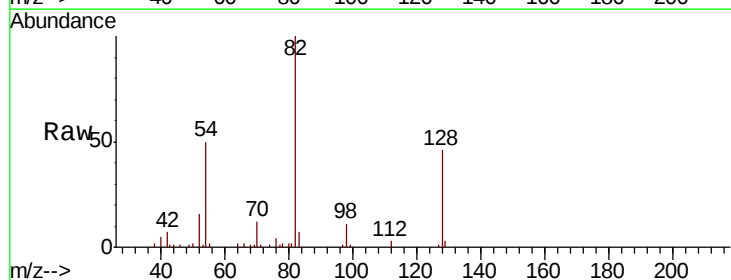
Ion Ratio Lower Upper

70 100

42 56.7 49.9 74.9

101 0.0 7.4 11.2#

130 0.0 17.4 26.2#

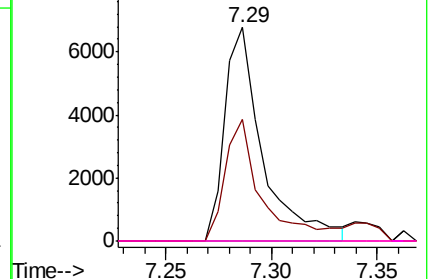
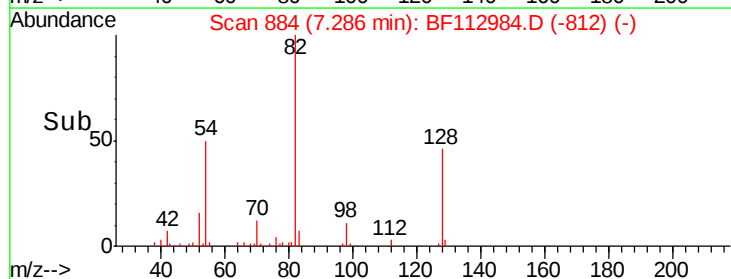


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

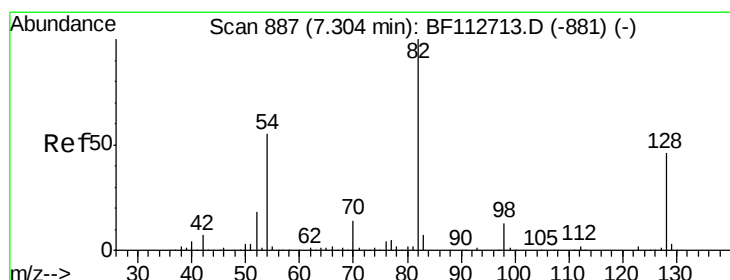
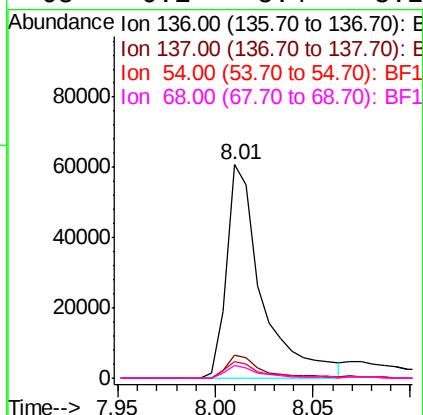
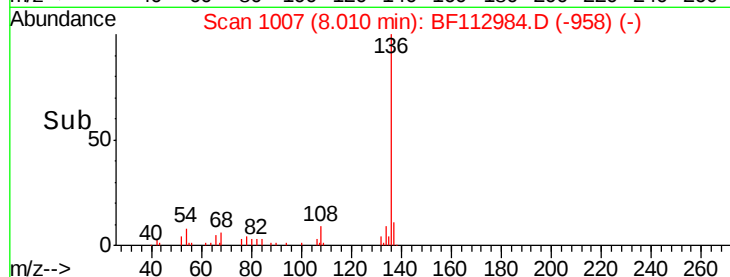
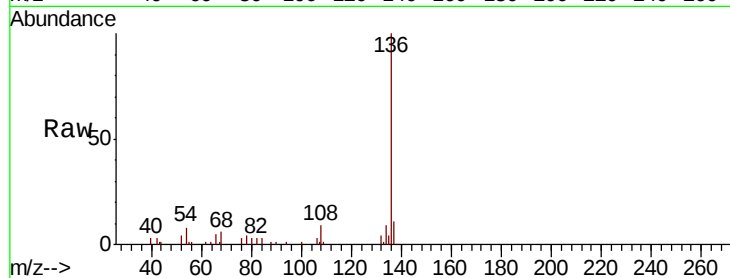




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112984.D
Acq: 12 Mar 2019 5:16

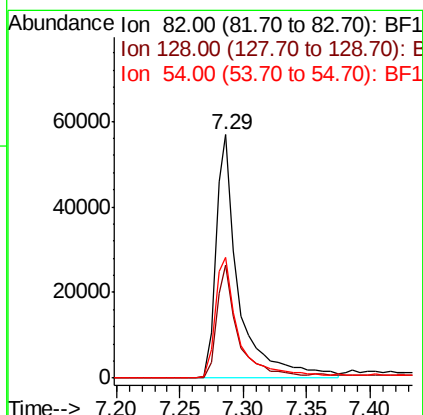
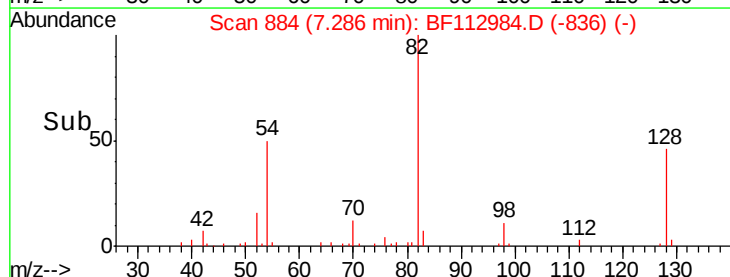
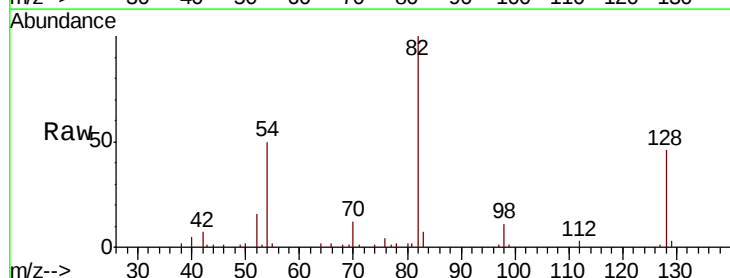
Instrument :
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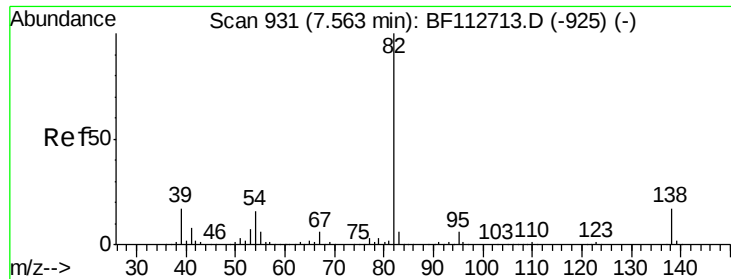
Tgt Ion:	136	Resp:	76643
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.6	7.3	10.9
68	6.1	5.4	8.2



#23
Nitrobenzene-d5
Concen: 56.163 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112984.D
Acq: 12 Mar 2019 5:16

Tgt Ion:	82	Resp:	71936
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.3	54.5
54	49.6	43.7	65.5





#25

Isophorone

Concen: 26.069 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF112984.D

Acq: 12 Mar 2019 5:16

Instrument :

BNA_F

ClientSampleId :

PST-027-B111-030619

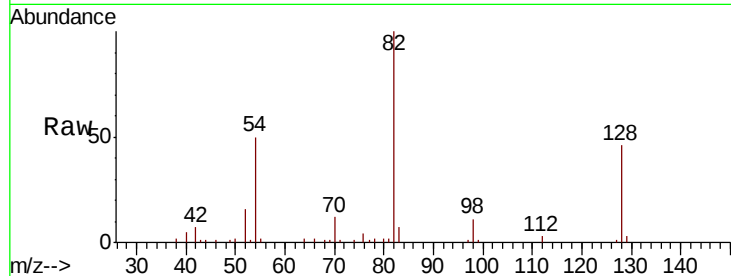
Tgt Ion: 82 Resp: 71935

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

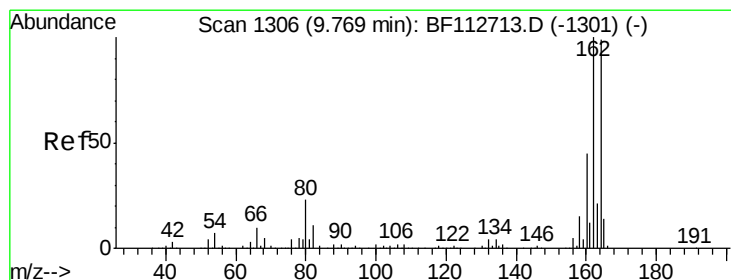
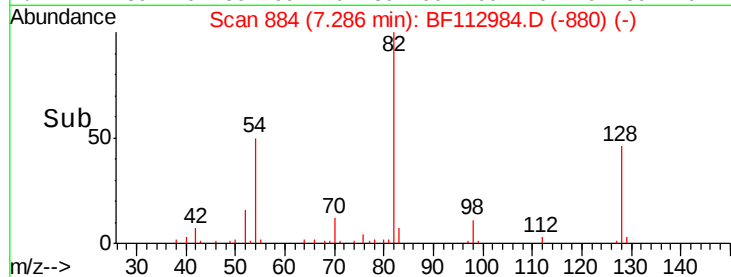
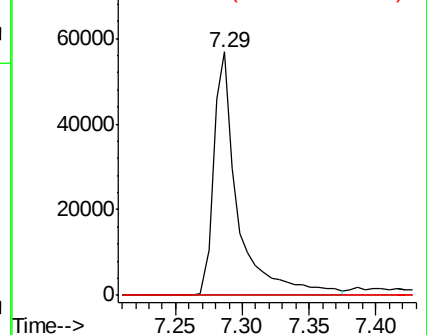
138 0.0 13.8 20.8#



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: BF112984.D

Acq: 12 Mar 2019 5:16

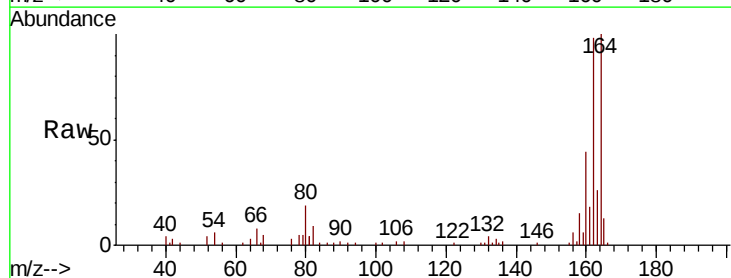
Tgt Ion: 164 Resp: 50903

Ion Ratio Lower Upper

164 100

162 98.4 80.6 120.8

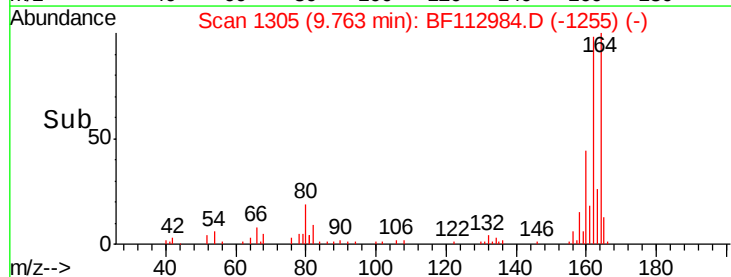
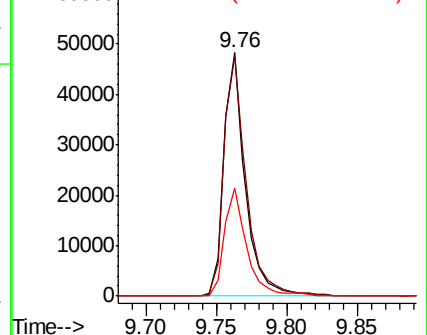
160 44.3 36.0 54.0

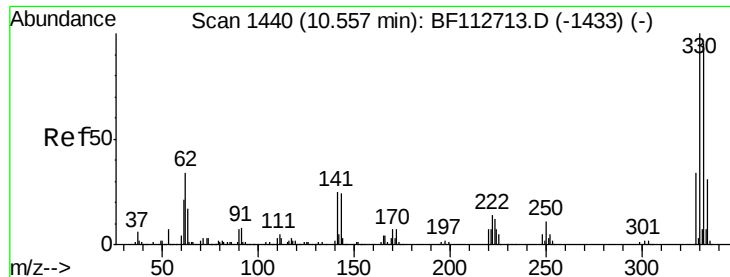


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

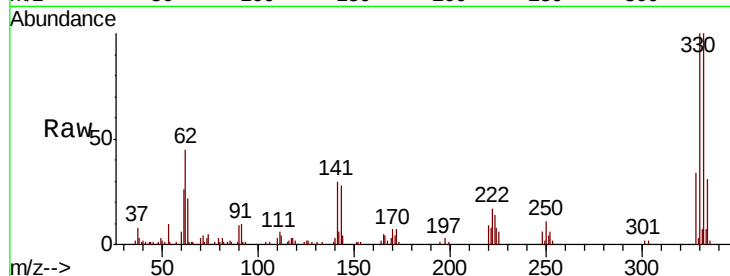




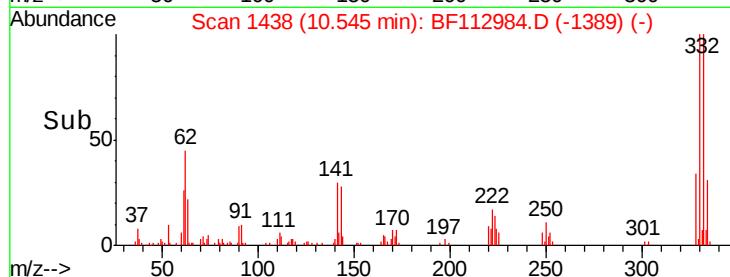
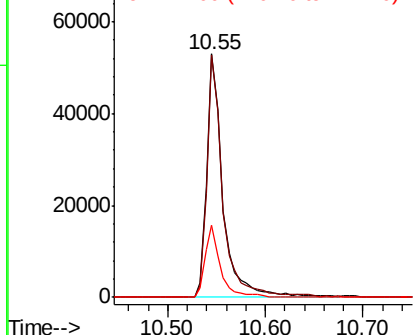
#42
 2,4,6-Tribromophenol
 Concen: 113.568 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112984.D
 Acq: 12 Mar 2019 5:16

Instrument :
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 ClientSampleId :
 PST-027-B111-030619

Tgt Ion:330 Resp: 61372
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.2 114.4
 141 27.7 27.0 40.6

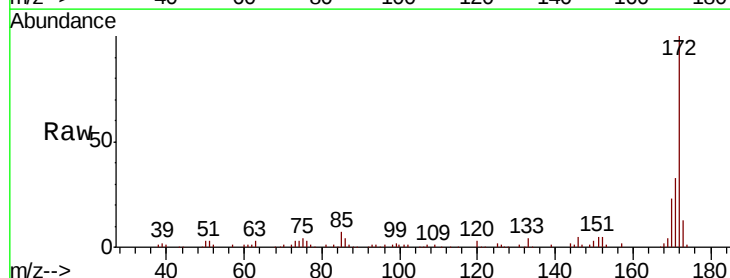


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

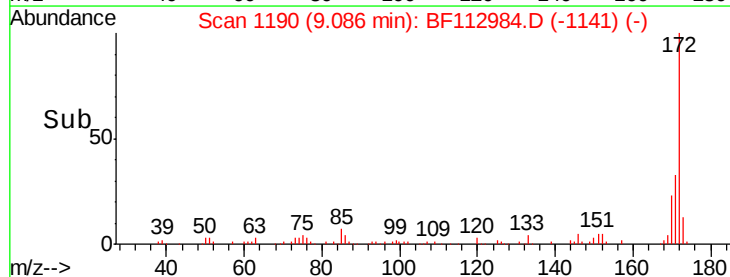
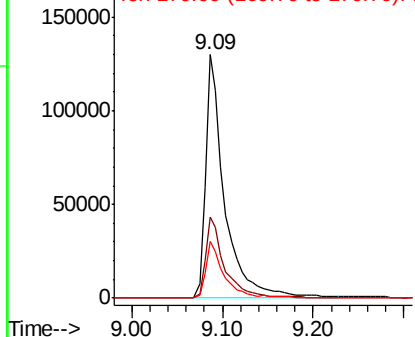


#45
 2-Fluorobiphenyl
 Concen: 57.199 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112984.D
 Acq: 12 Mar 2019 5:16

Tgt Ion:172 Resp: 191592
 Ion Ratio Lower Upper
 172 100
 171 33.4 29.0 43.4
 170 23.2 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

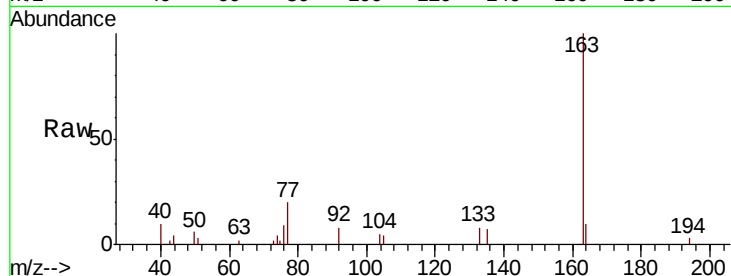




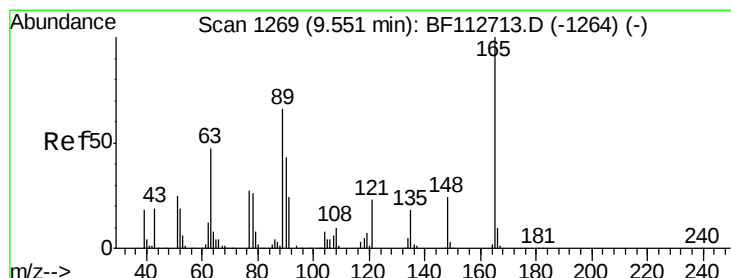
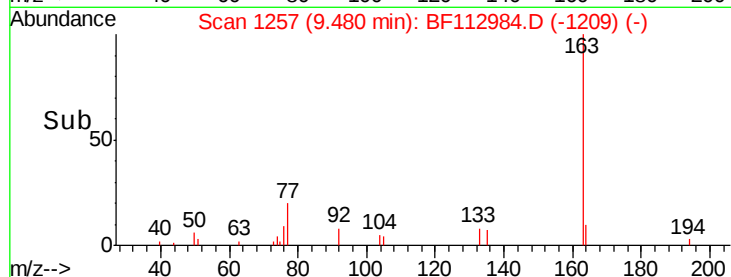
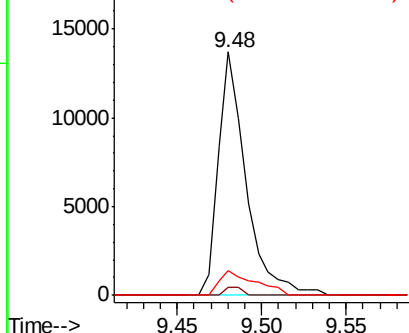
#50
Dimethylphthalate
Concen: 4.194 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112984.D
Acq: 12 Mar 2019 5:16

Instrument :
BNA_F
ClientSampleId :
PST-027-B111-030619

Tgt Ion:163 Resp: 15741
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.3 8.4 12.6

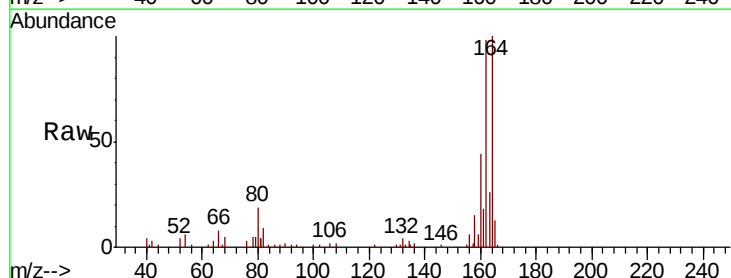


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

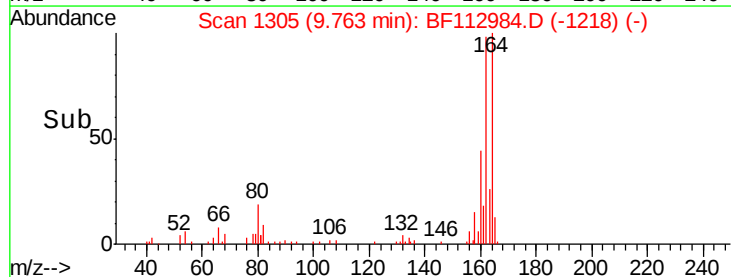
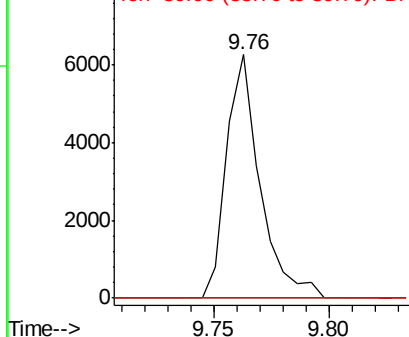


#51
2,6-Dinitrotoluene
Concen: 8.095 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF112984.D
Acq: 12 Mar 2019 5:16

Tgt Ion:165 Resp: 6327
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 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

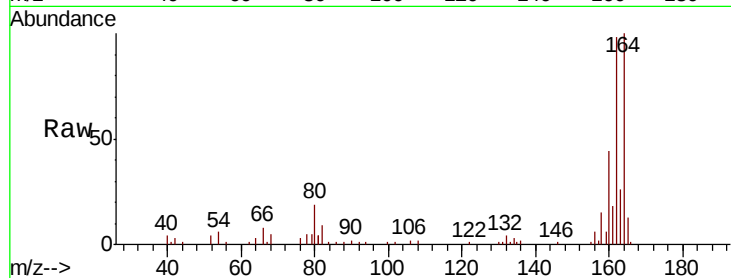




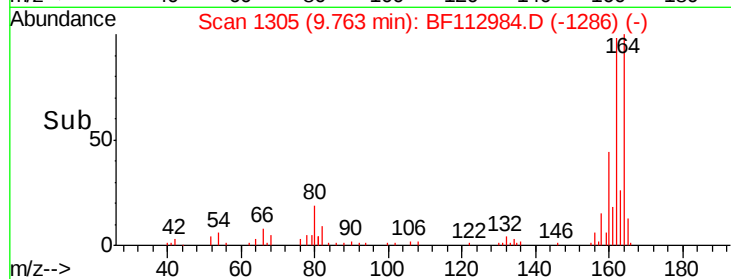
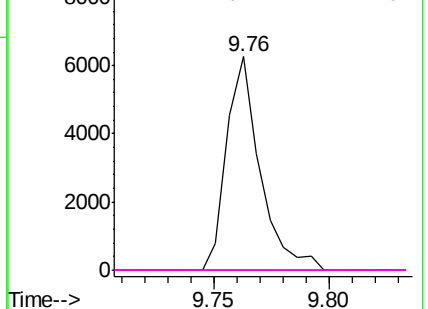
#57
 2,4-Dinitrotoluene
 Concen: 6.512 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF112984.D
 Acq: 12 Mar 2019 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B111-030619

Tgt Ion:	165	Resp:	6327
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#

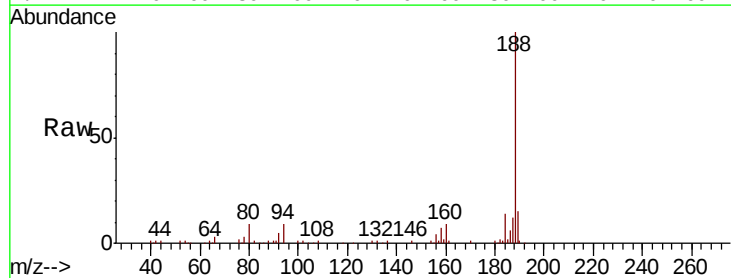


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

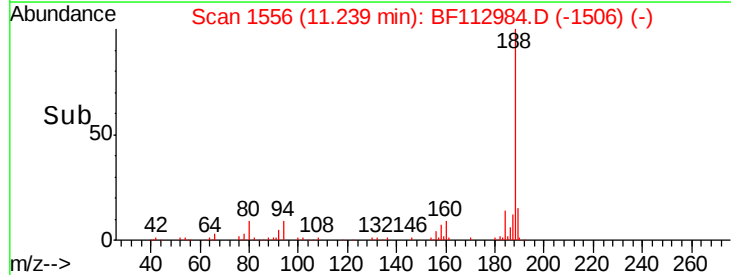
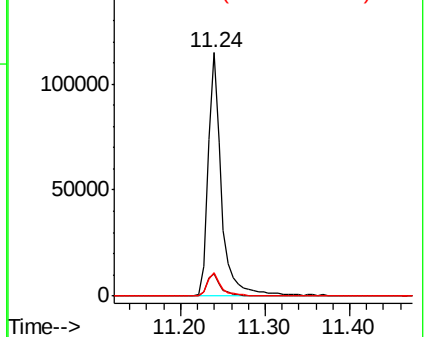


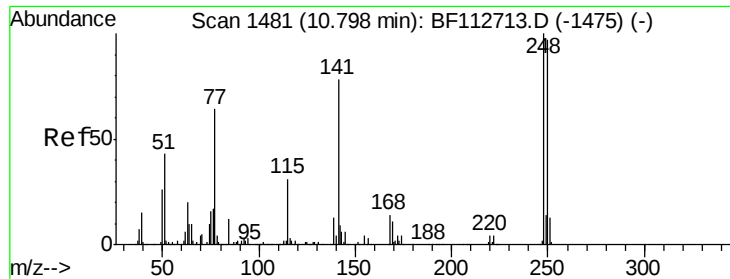
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF112984.D
 Acq: 12 Mar 2019 5:16

Tgt Ion:	188	Resp:	127351
Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.0	13.4
80	9.5	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

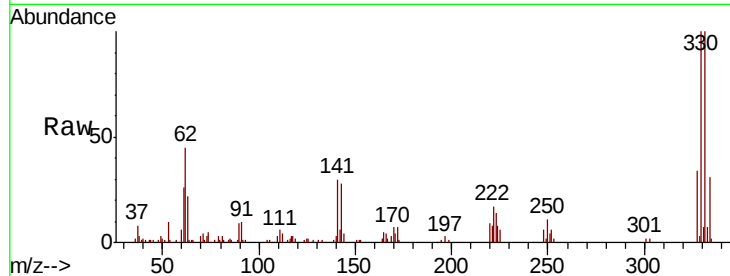




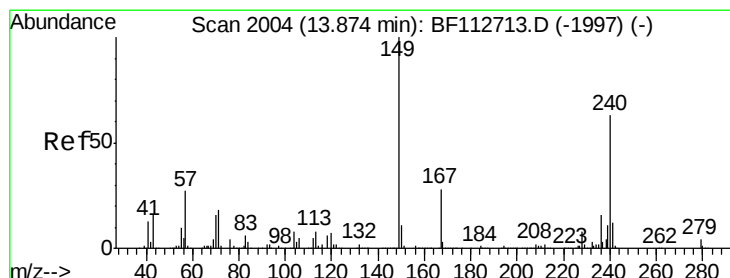
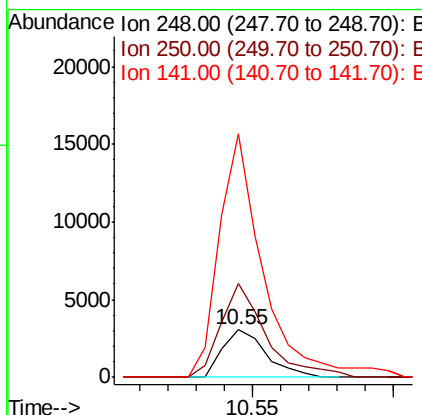
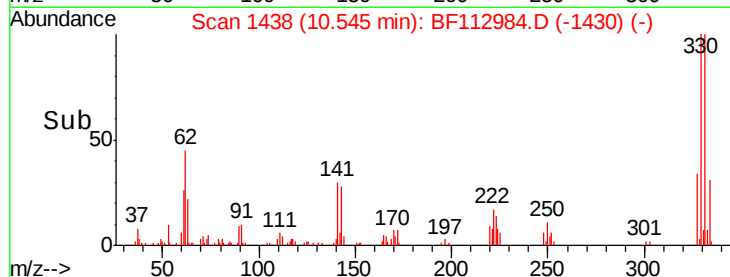
#67
4-Bromophenyl-phenylether
Concen: 2.446 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112984.D
Acq: 12 Mar 2019 5:16

Instrument :
BNA_F
ClientSampleId :
PST-027-B111-030619

Tgt Ion:248 Resp: 3281
Ion Ratio Lower Upper
248 100
250 198.0 77.5 116.3#
141 510.6 62.4 93.6#

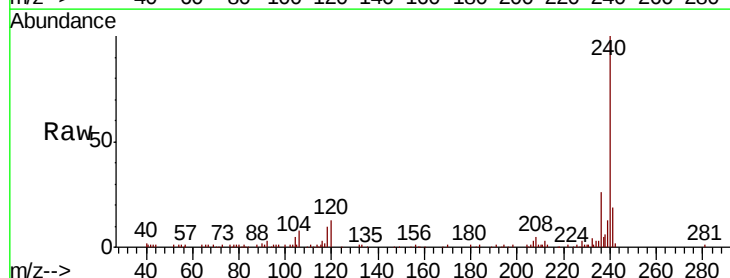


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

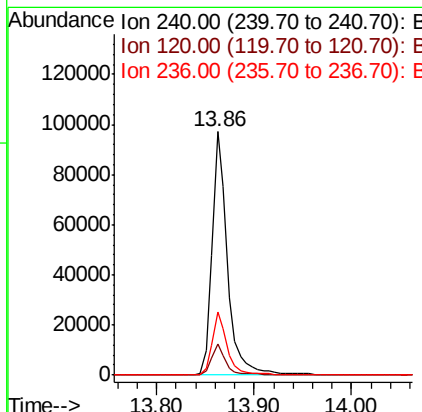
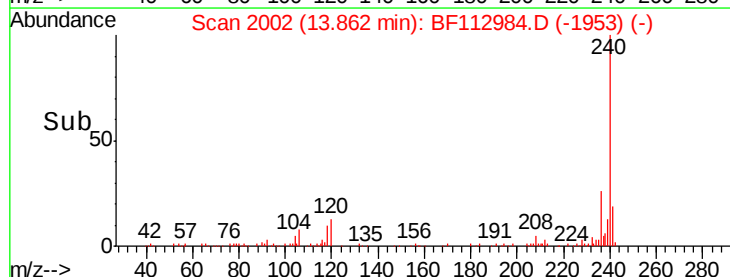


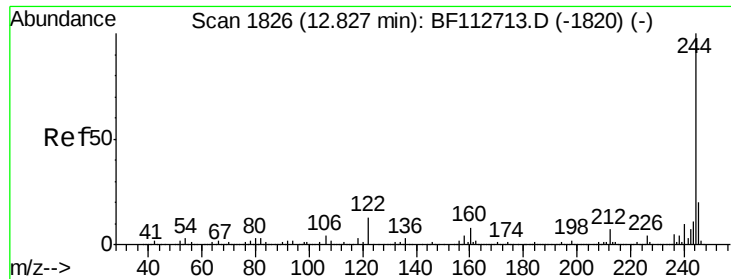
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112984.D
Acq: 12 Mar 2019 5:16

Tgt Ion:240 Resp: 106122
Ion Ratio Lower Upper
240 100
120 12.6 8.9 13.3
236 25.9 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

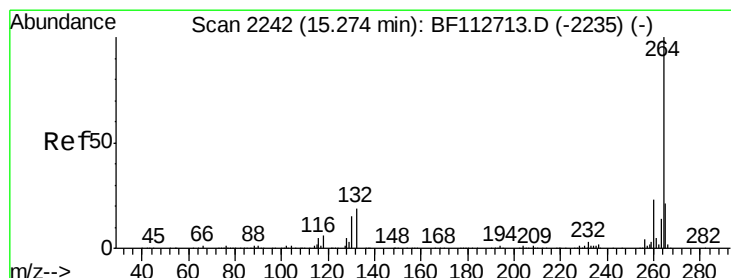
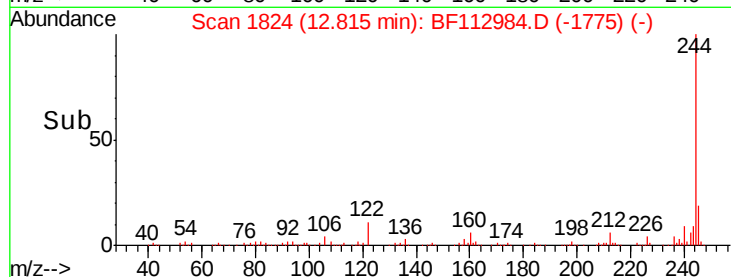
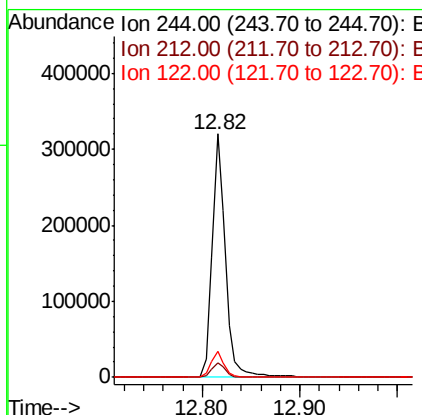
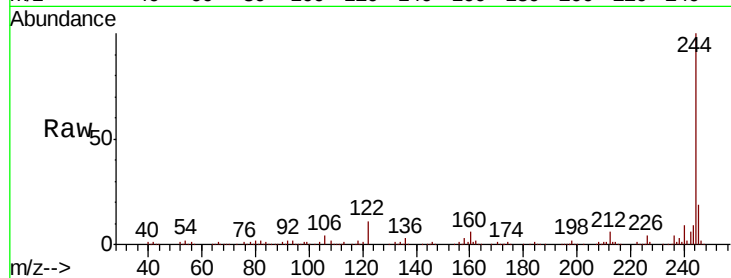




#79
 Terphenyl-d14
 Concen: 55.120 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF112984.D
 Acq: 12 Mar 2019 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B111-030619

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.6	8.4
122	10.6	10.5	15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF112984.D
 Acq: 12 Mar 2019 5:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	22.0	17.2	25.8

