

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112883.D
 Acq On : 6 Mar 2019 14:18
 Operator : JU/SJ
 Sample : PB117655BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117619BL

Quant Time: Mar 06 14:56:04 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

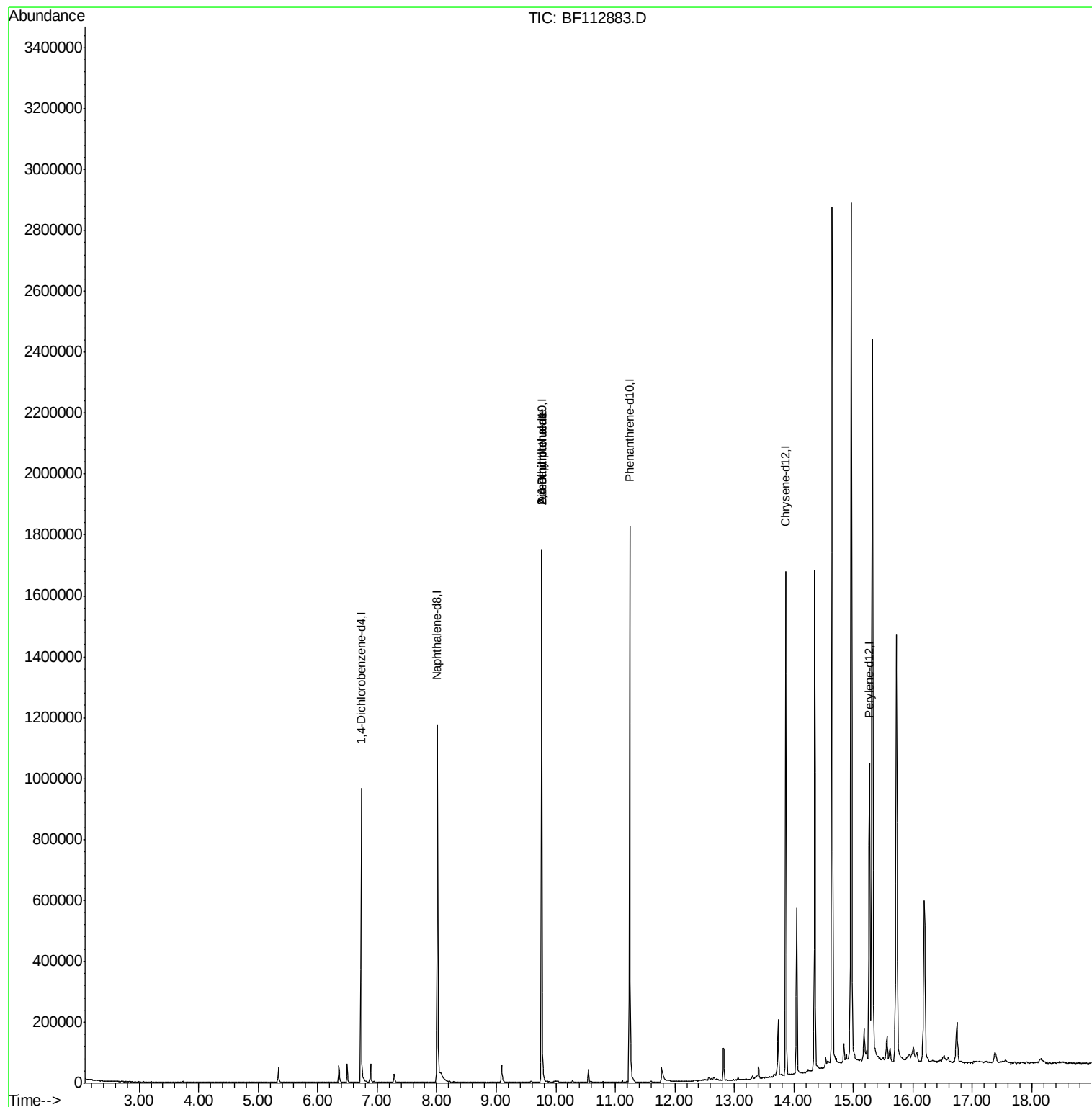
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	176274	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	656965	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	371121	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	761128	20.00	ng	0.00
76) Chrysene-d12	13.86	240	604227	20.00	ng	-0.01
87) Perylene-d12	15.27	264	471348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	17681	1.56	ng	0.00
7) Phenol-d6	6.36	99	22888	1.61	ng	-0.01
23) Nitrobenzene-d5	7.29	82	12231	1.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	7050	1.79	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	33344	-1.00	ng	0.00
79) Terphenyl-d14	12.82	244	42712	1.37	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.76	163	89611	3.275	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	46845	8.221	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	46838	6.612	ng	# 18

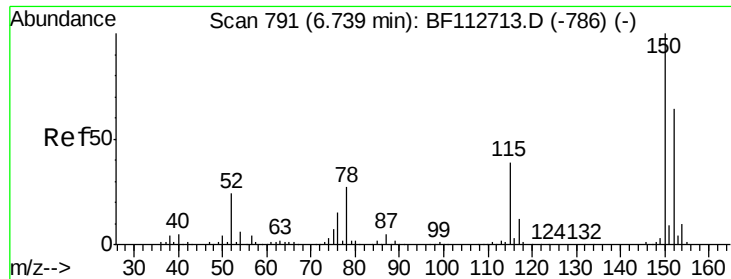
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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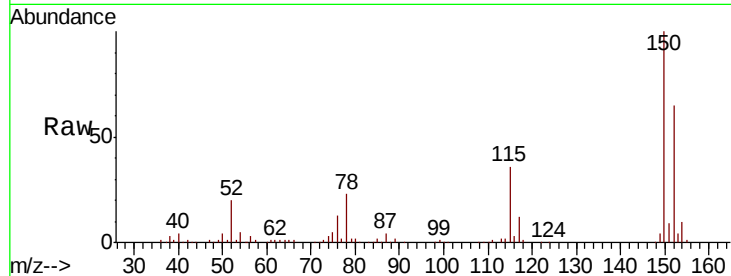


#1

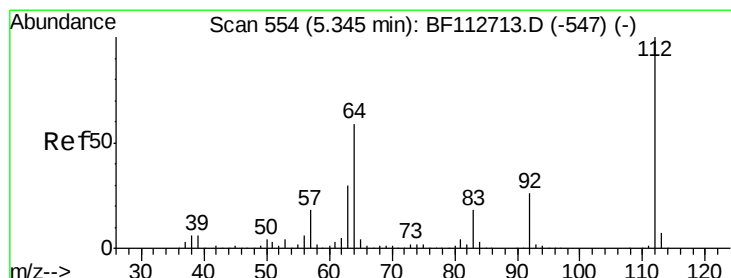
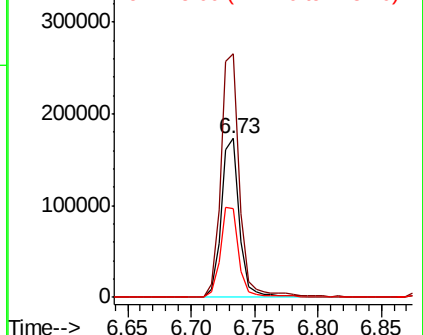
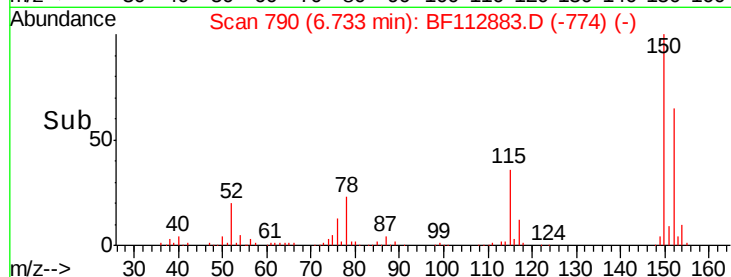
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112883.D
Acq: 6 Mar 2019 14:18

Instrument :
BNA_E
ClientSampleId :
PB117619BL

Tot Ion:152 Resp: 176274
Ion Ratio Lower Upper
152 100
150 153.3 124.2 186.2
115 56.0 48.2 72.4



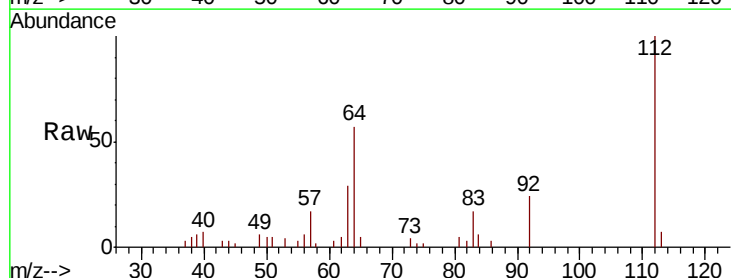
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



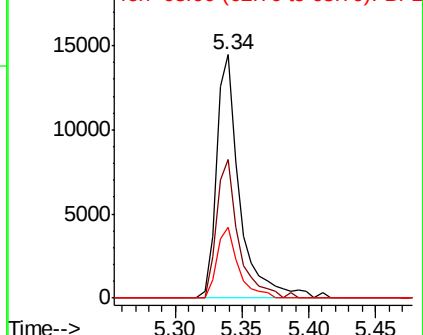
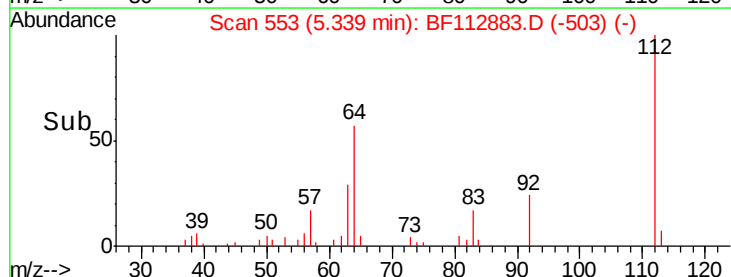
#5

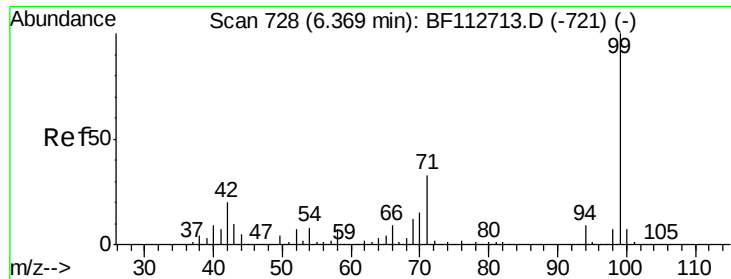
2-Fluorophenol
Concen: 1.560 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112883.D
Acq: 6 Mar 2019 14:18

Tgt Ion:112 Resp: 17681
Ion Ratio Lower Upper
112 100
64 57.1 47.6 71.4
63 29.0 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: 1.608 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF112883.D

Acq: 6 Mar 2019 14:18

Instrument :

BNA_E

ClientSampleId :

PB117619BL

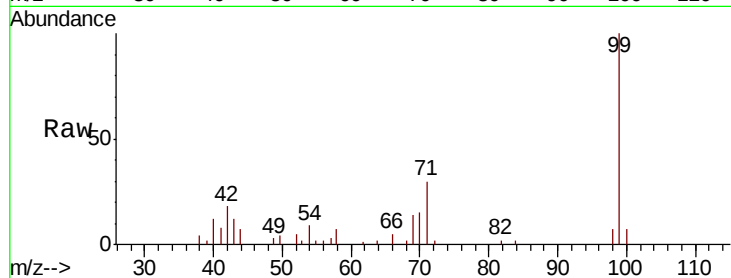
Tot Ion: 99 Resp: 22888

Ion Ratio Lower Upper

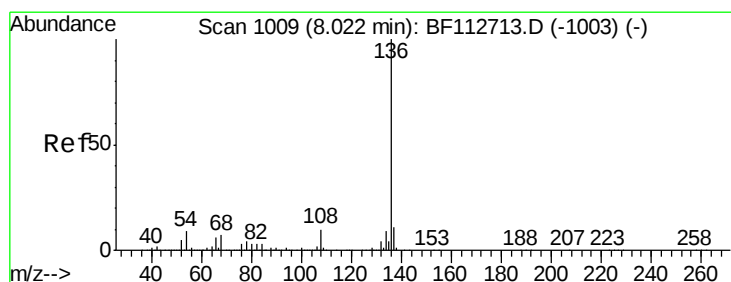
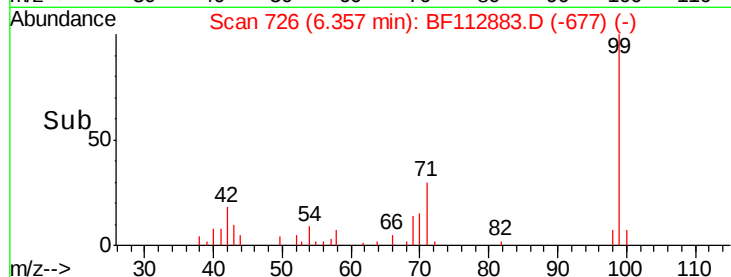
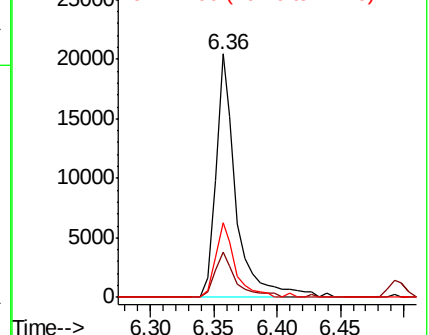
99 100

42 18.5 16.3 24.5

71 30.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112883.D

Acq: 6 Mar 2019 14:18

Tgt Ion: 136 Resp: 656965

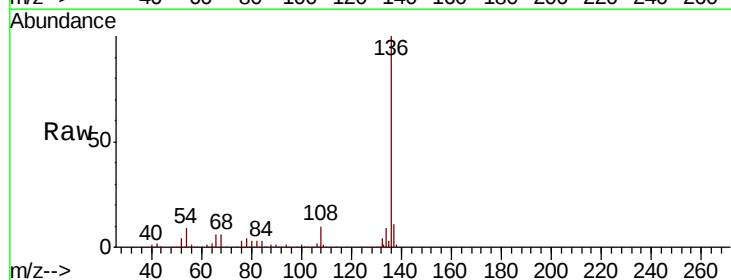
Ion Ratio Lower Upper

136 100

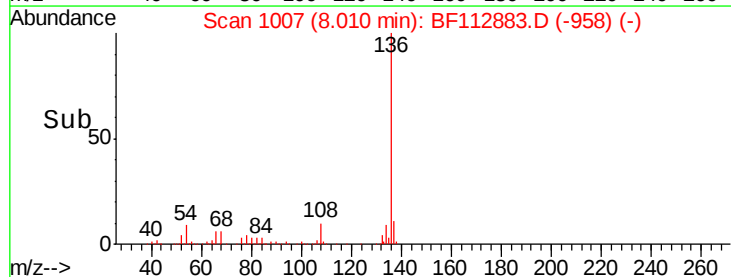
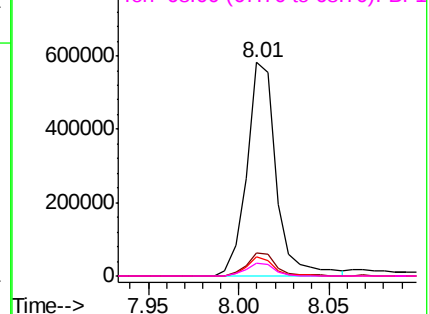
137 11.1 8.9 13.3

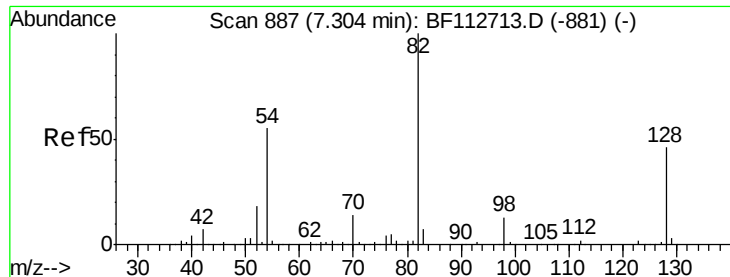
54 8.7 7.3 10.9

68 6.0 5.4 8.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

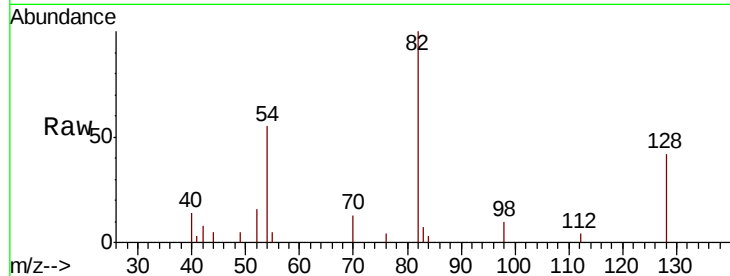




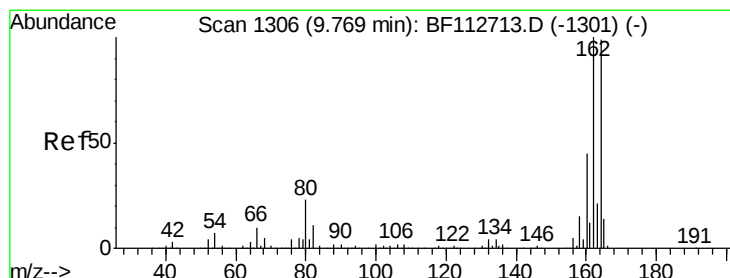
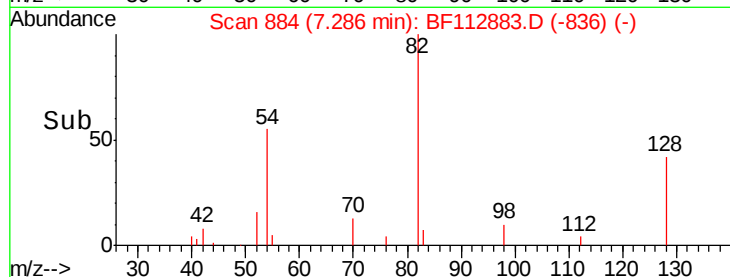
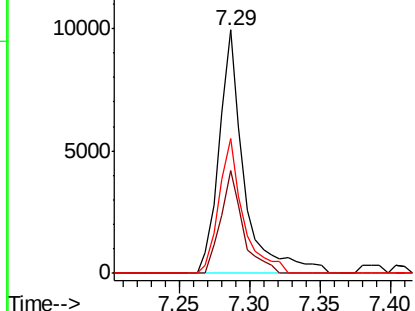
#23
Nitrobenzene-d5
Concen: 1.114 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112883.D
Acq: 6 Mar 2019 14:18

Instrument :
BNA_E
ClientSampleId :
PB117619BL

Tot Ion: 82 Resp: 12231
Ion Ratio Lower Upper
82 100
128 42.4 36.3 54.5
54 55.1 43.7 65.5

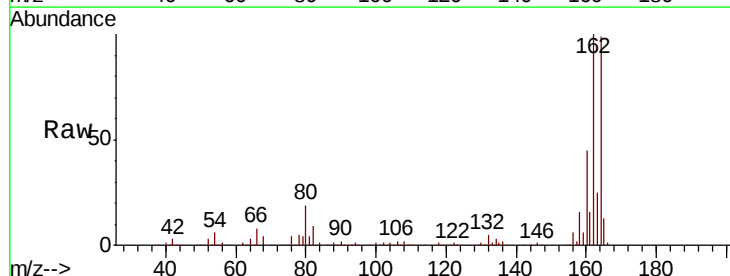


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

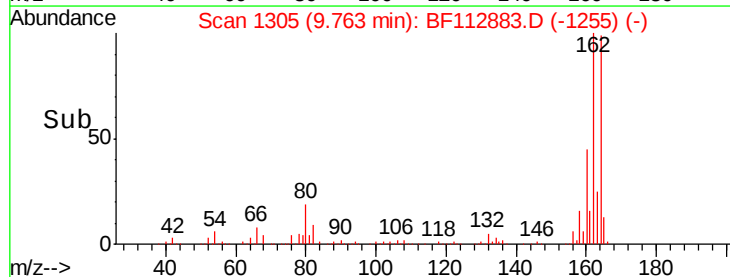
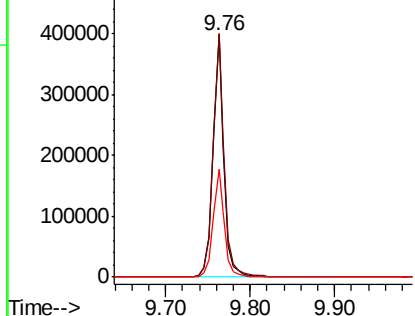


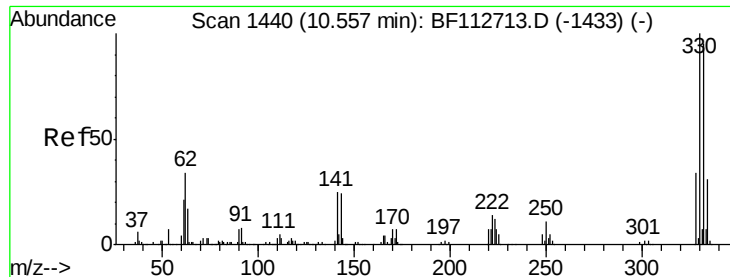
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112883.D
Acq: 6 Mar 2019 14:18

Tgt Ion:164 Resp: 371121
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 44.9 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

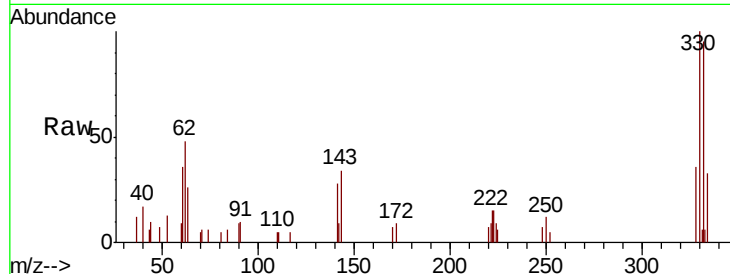




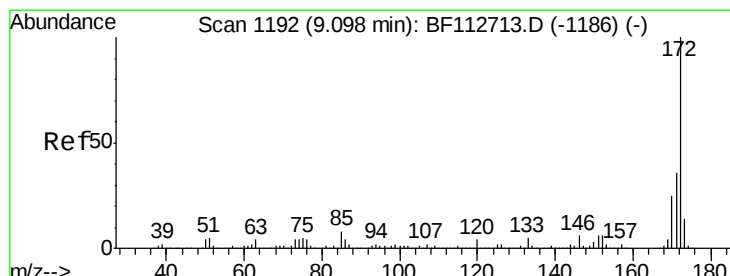
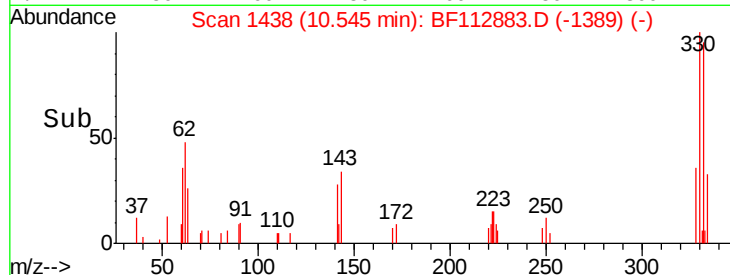
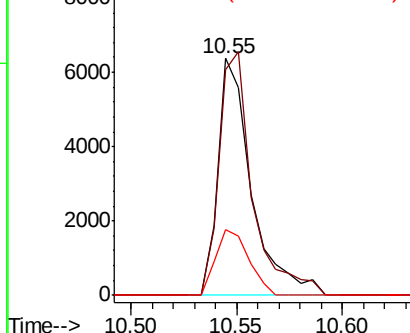
#42
 2,4,6-Tribromophenol
 Concen: 1.789 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112883.D
 Acq: 6 Mar 2019 14:18

Instrument :
 BNA_E
 ClientSampleId :
 PB117619BL

Tot Ion:330 Resp: 7050
 Ion Ratio Lower Upper
 330 100
 332 101.9 76.2 114.4
 141 27.2 27.0 40.6

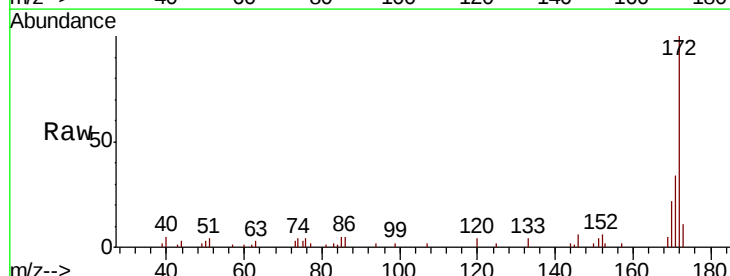


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

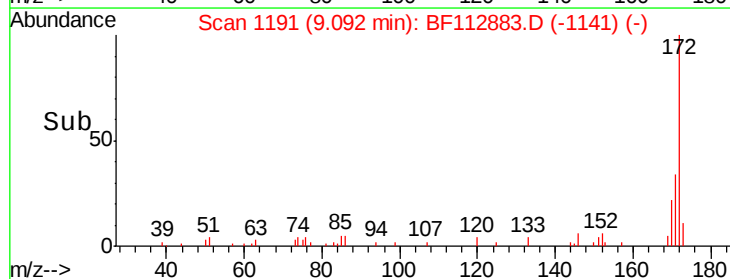
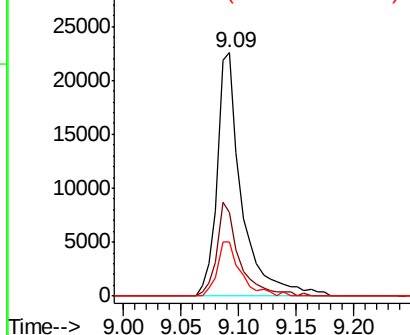


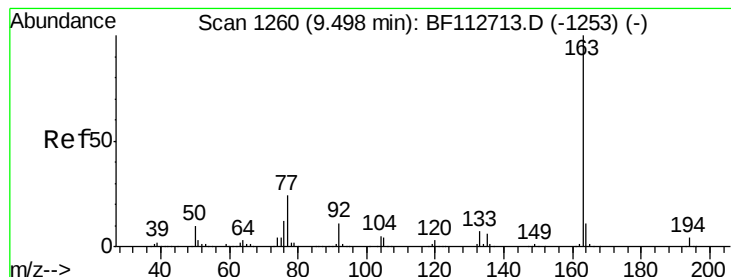
#45
 2-Fluorobiphenyl
 Concen: -1.000 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF112883.D
 Acq: 6 Mar 2019 14:18

Tgt Ion:172 Resp: 33344
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.0 43.4
 170 22.4 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: 3.275 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.26 min

Lab File: BF112883.D

Acq: 6 Mar 2019 14:18

Instrument :

BNA_E

ClientSampleID :

PB117619BL

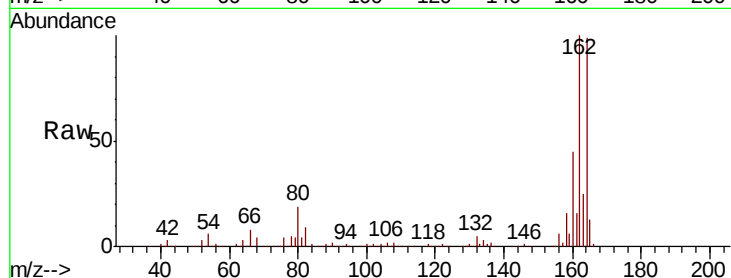
Tot Ion:163 Resp: 89611

Ion Ratio Lower Upper

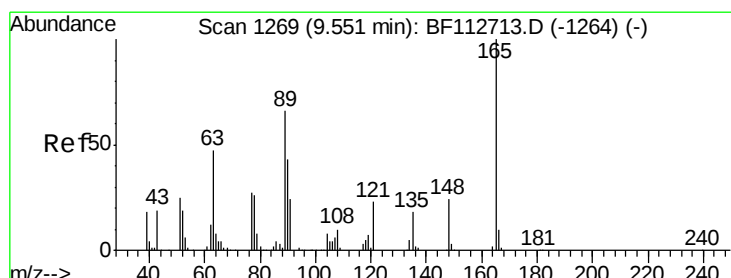
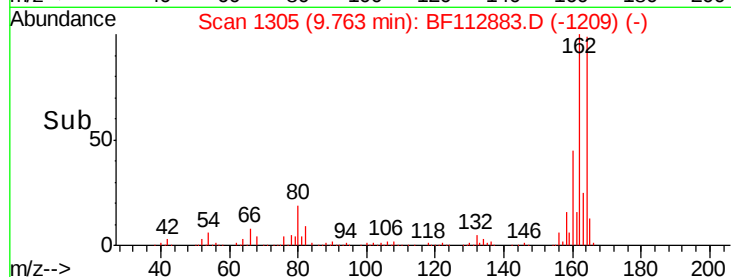
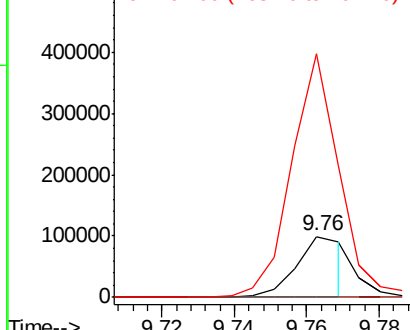
163 100

194 0.0 3.0 4.4#

164 398.5 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: 8.221 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.21 min

Lab File: BF112883.D

Acq: 6 Mar 2019 14:18

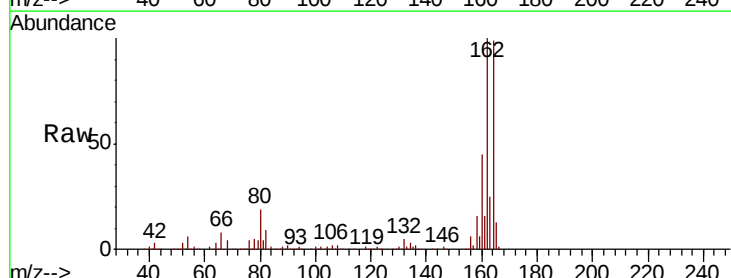
Tgt Ion:165 Resp: 46845

Ion Ratio Lower Upper

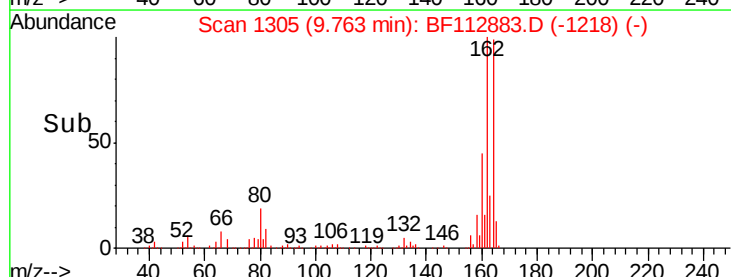
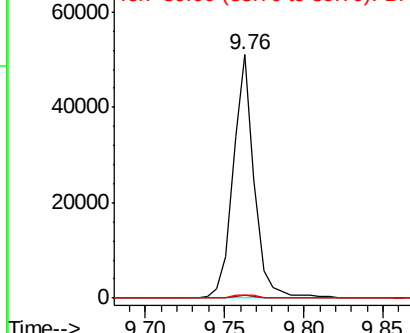
165 100

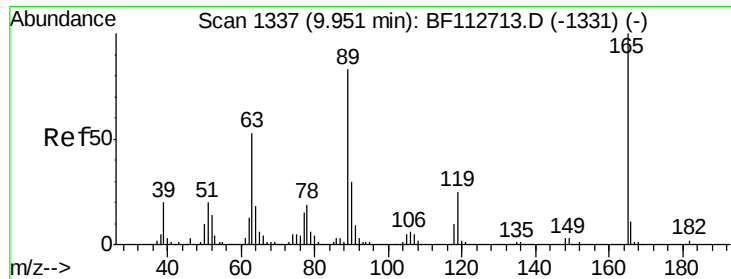
63 1.2 54.1 81.1#

89 1.3 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

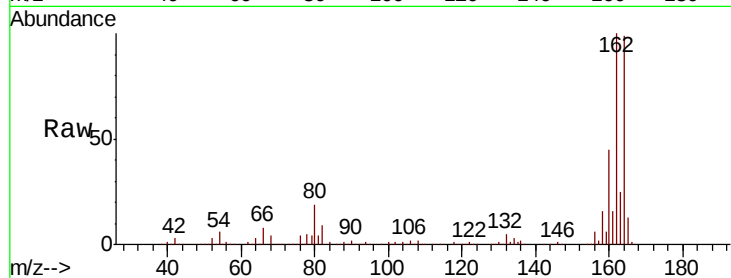




#57
 2,4-Dinitrotoluene
 Concen: 6.612 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF112883.D
 Acq: 6 Mar 2019 14:18

Instrument :
 BNA_E
 ClientSampleId :
 PB117619BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.2	63.2#
89	1.3	66.2	99.4#
182	0.0	1.8	2.6#

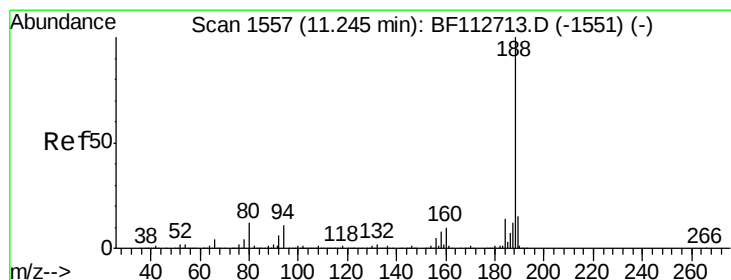
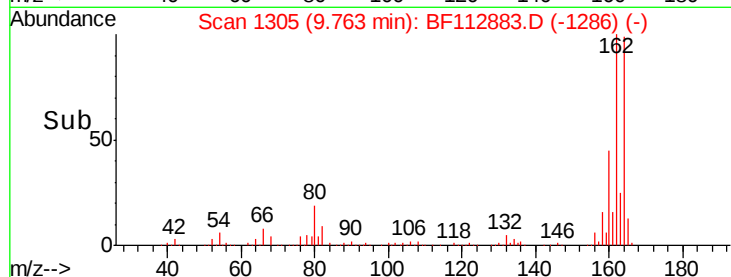
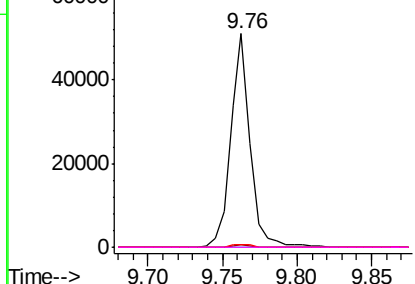


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

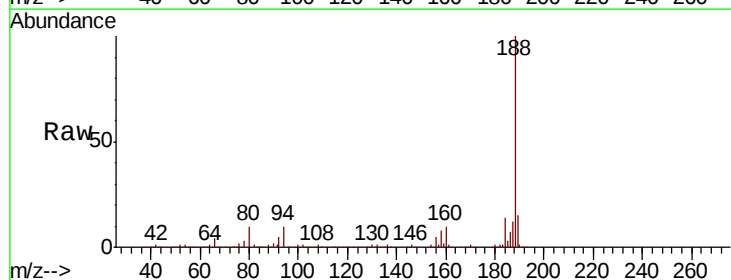
Ion 89.00 (88.70 to 89.70): BF1

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: BF112883.D
 Acq: 6 Mar 2019 14:18

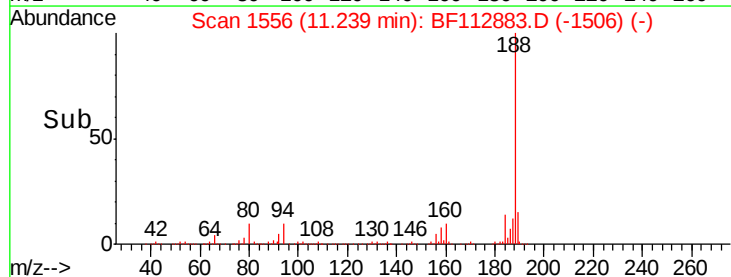
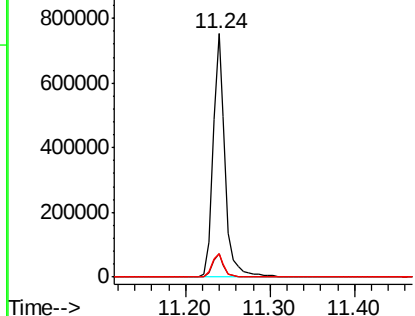
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.4
80	9.7	9.2	13.8

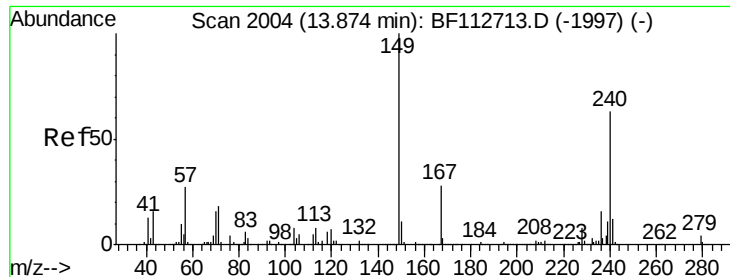


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112883.D

Acq: 6 Mar 2019 14:18

Instrument :

BNA_E

ClientSampleId :

PB117619BL

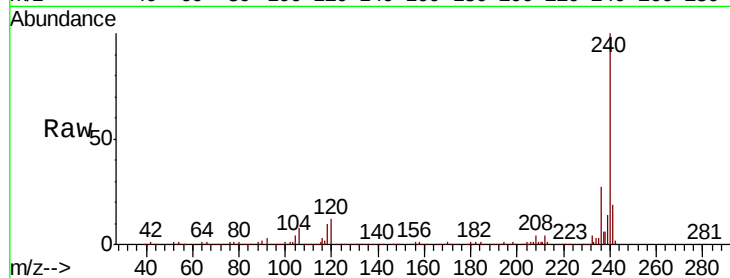
Tot Ion:240 Resp: 604227

Ion Ratio Lower Upper

240 100

120 12.2 8.9 13.3

236 26.6 20.7 31.1

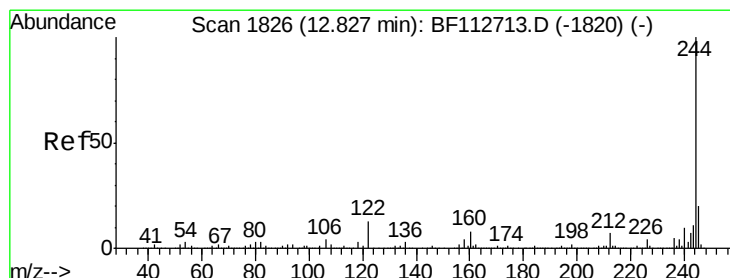
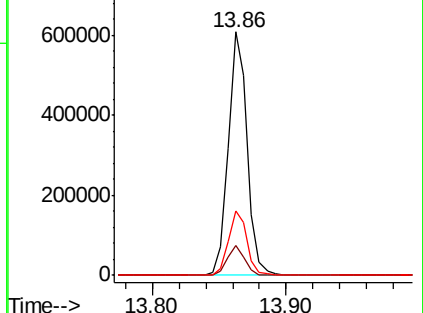
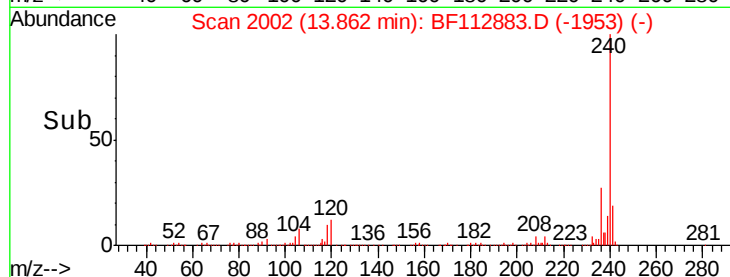


Abundance

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: 1.370 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112883.D

Acq: 6 Mar 2019 14:18

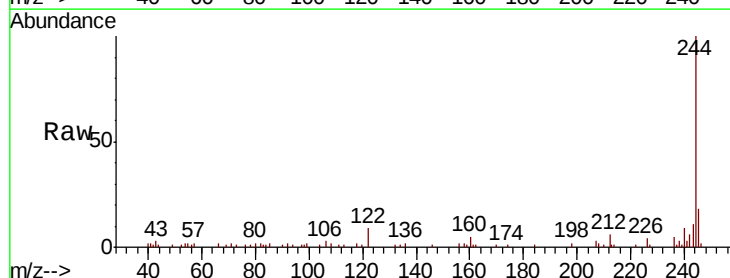
Tgt Ion:244 Resp: 42712

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

122 8.6 10.5 15.7#

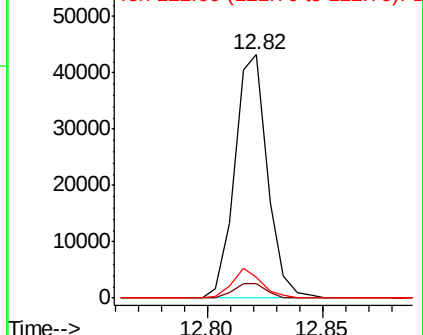
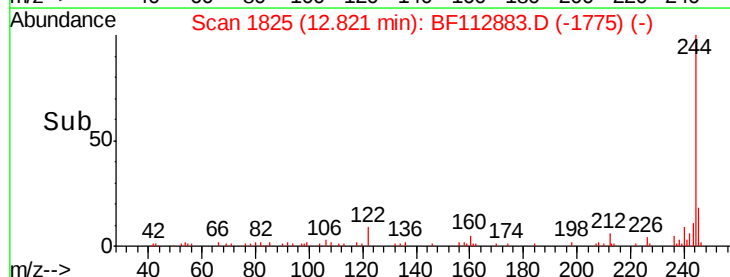


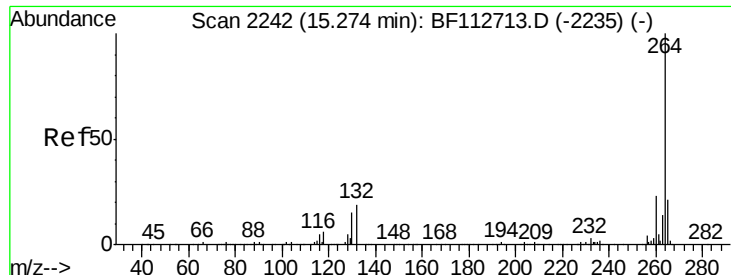
Abundance

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

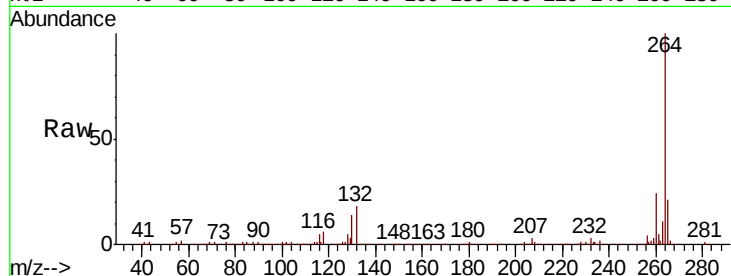




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF112883.D
 Acq: 6 Mar 2019 14:18

Instrument :
 BNA_E
 ClientSampleId :
 PB117619BL

Tot Ion:264 Resp: 471348
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.1 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

