

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
 Data File : BF112853.D
 Acq On : 5 Mar 2019 14:09
 Operator : JU/SJ
 Sample : K1727-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Mar 06 03:20:17 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

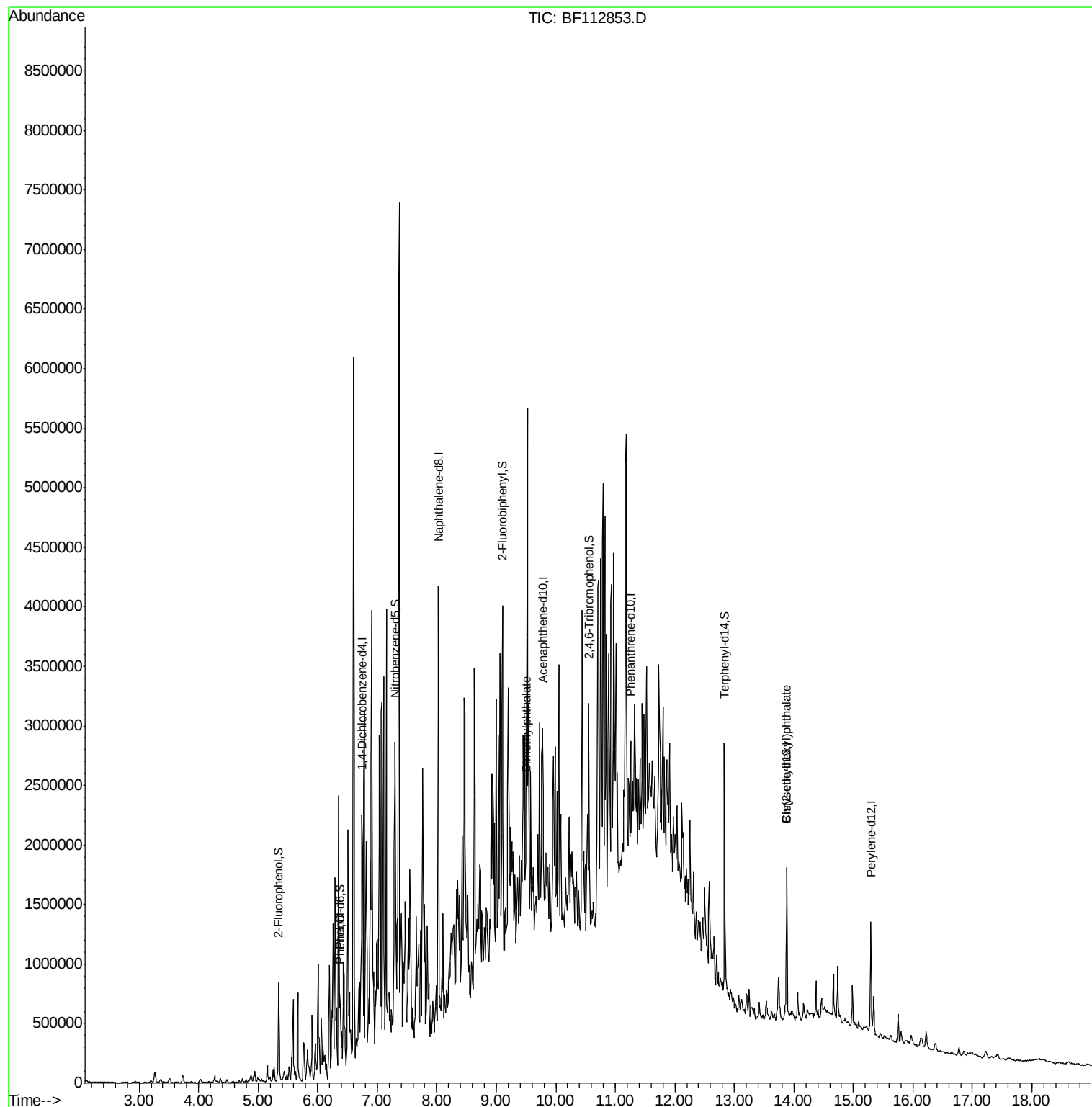
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	153742	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	498122	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	210721	20.00	ng	0.01
64) Phenanthrene-d10	11.26	188	364737	20.00	ng	0.01
76) Chrysene-d12	13.88	240	385760	20.00	ng	0.00
87) Perylene-d12	15.29	264	447427	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	214089	21.66	ng	0.00
7) Phenol-d6	6.37	99	176272	14.20	ng	0.00
23) Nitrobenzene-d5	7.30	82	498519	59.89	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	116309	51.99	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	823728	59.91	ng	0.00
79) Terphenyl-d14	12.83	244	763154	38.35	ng	0.00
Target Compounds						
10) Phenol	6.39	94	65854	4.545	ng	89
50) Dimethylphthalate	9.49	163	73302	4.718	ng	# 90
84) Bis(2-ethylhexyl)phthalate	13.87	149	70069	4.162	ng	99

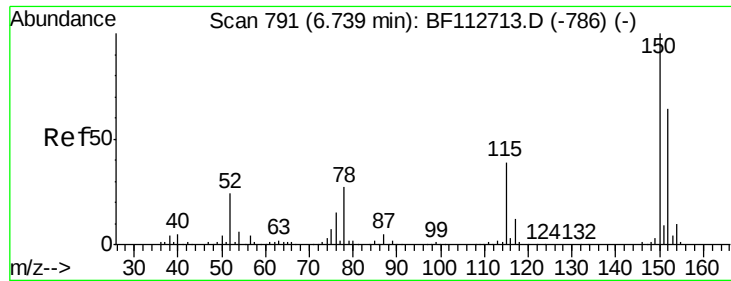
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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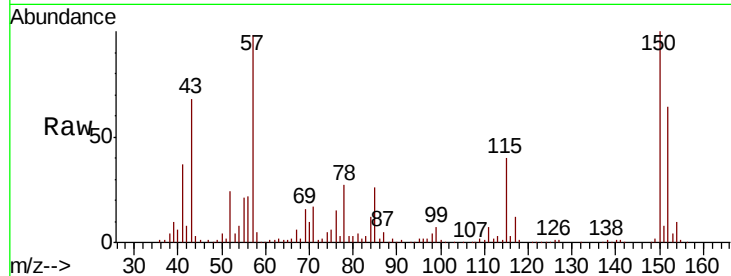


#1

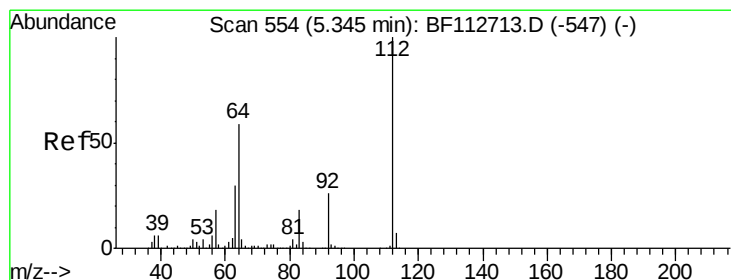
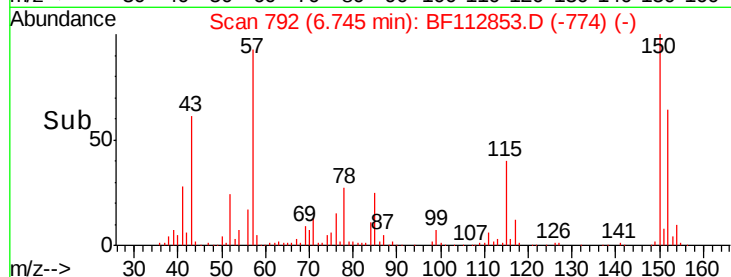
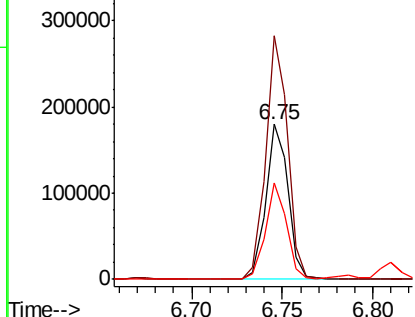
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112853.D
Acq: 5 Mar 2019 14:09

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion:152 Resp: 153742
Ion Ratio Lower Upper
152 100
150 156.9 124.2 186.2
115 62.2 48.2 72.4



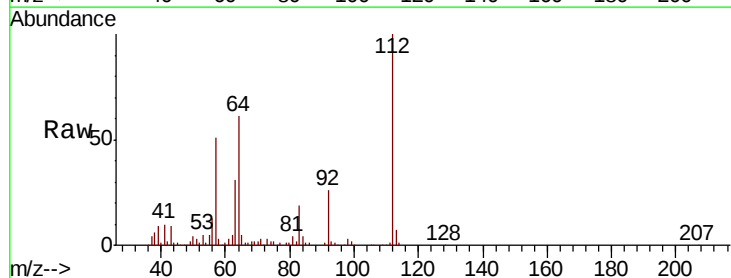
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



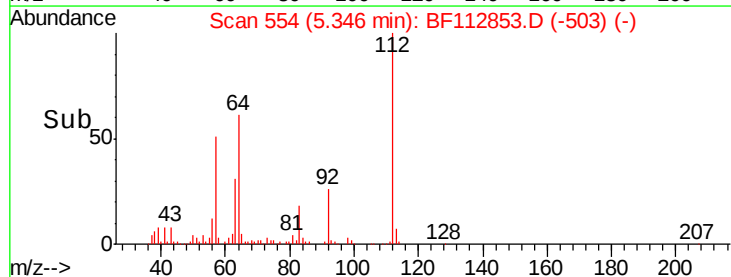
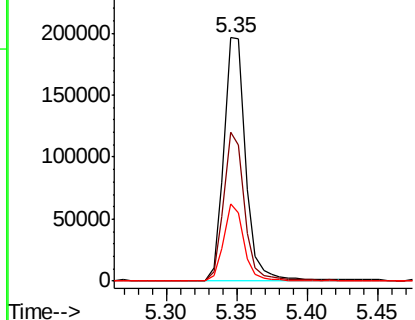
#5

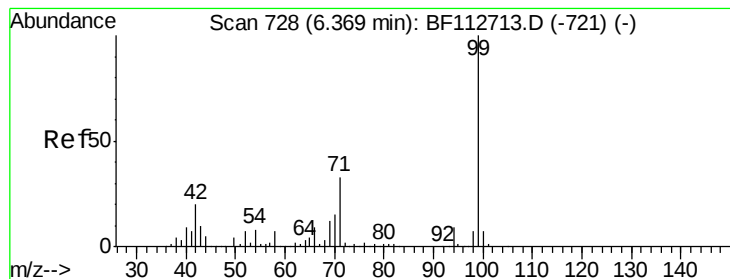
2-Fluorophenol
Concen: 21.661 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112853.D
Acq: 5 Mar 2019 14:09

Tgt Ion:112 Resp: 214089
Ion Ratio Lower Upper
112 100
64 60.9 47.6 71.4
63 31.5 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: 14.198 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112853.D

Acq: 5 Mar 2019 14:09

Instrument :

BNA_F

ClientSampleId :

MW-11

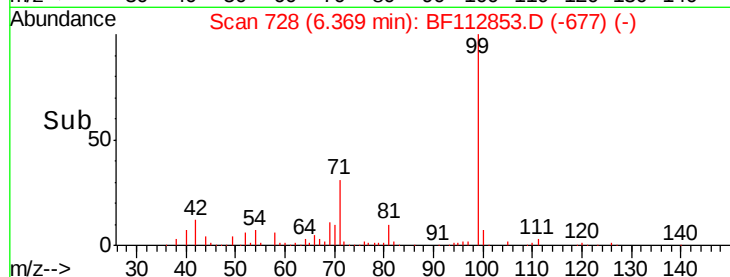
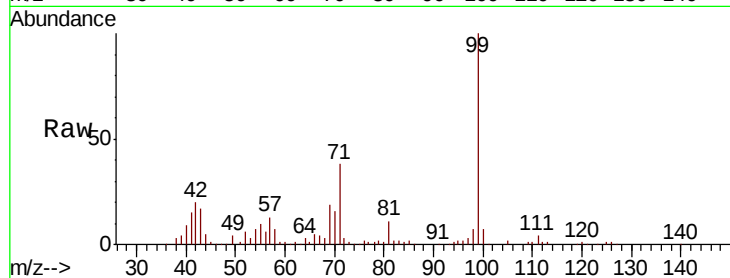
Tot Ion: 99 Resp: 176272

Ion Ratio Lower Upper

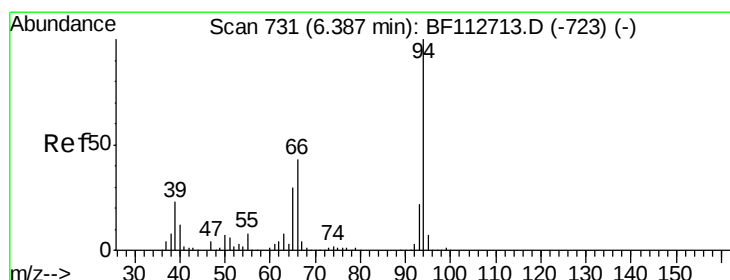
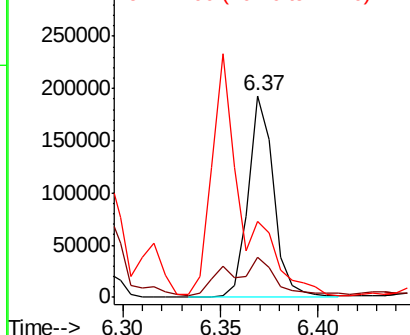
99 100

42 19.7 16.3 24.5

71 37.5 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: 4.545 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF112853.D

Acq: 5 Mar 2019 14:09

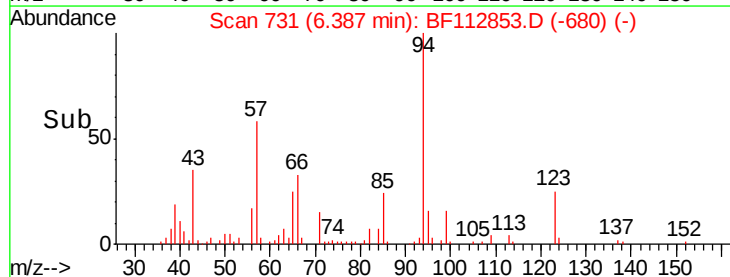
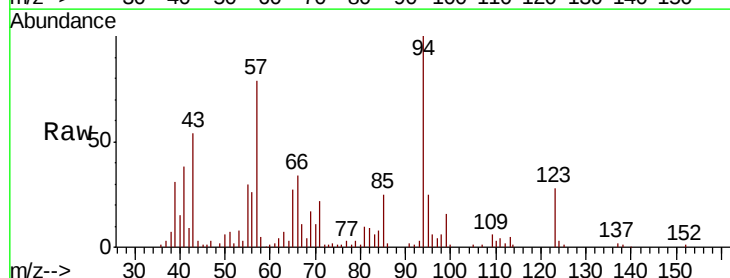
Tgt Ion: 94 Resp: 65854

Ion Ratio Lower Upper

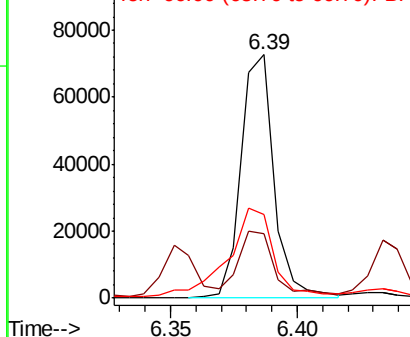
94 100

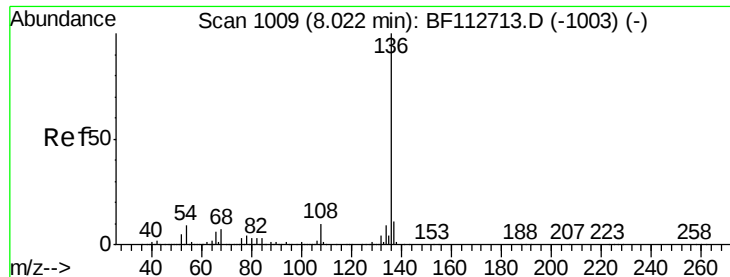
65 26.7 10.5 50.5

66 34.3 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112853.D

Acq: 5 Mar 2019 14:09

Instrument :

BNA_F

ClientSampleId :

MW-11

Tot Ion:136 Resp: 498122

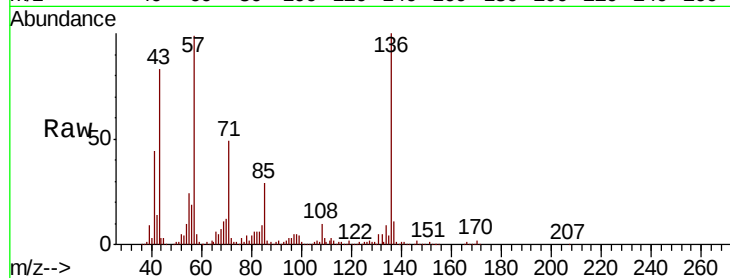
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.2 7.3 10.9

68 7.4 5.4 8.2

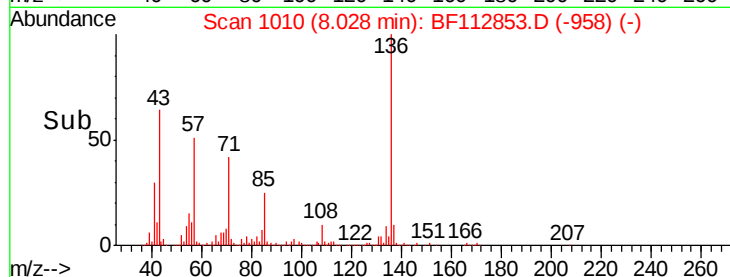


Abundance Ion 136.00 (135.70 to 136.70): E

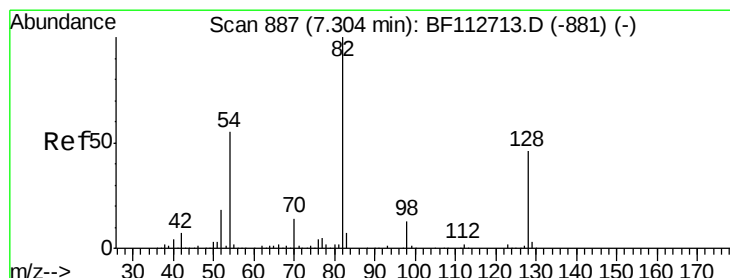
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 59.886 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF112853.D

Acq: 5 Mar 2019 14:09

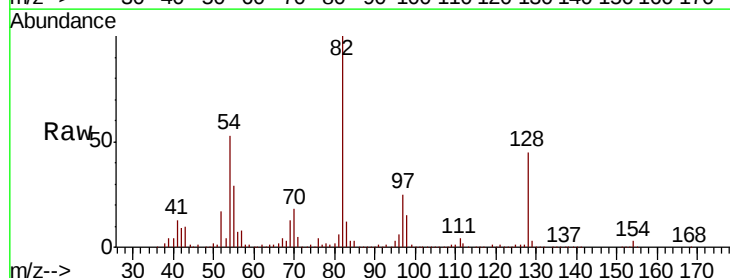
Tgt Ion: 82 Resp: 498519

Ion Ratio Lower Upper

82 100

128 45.2 36.3 54.5

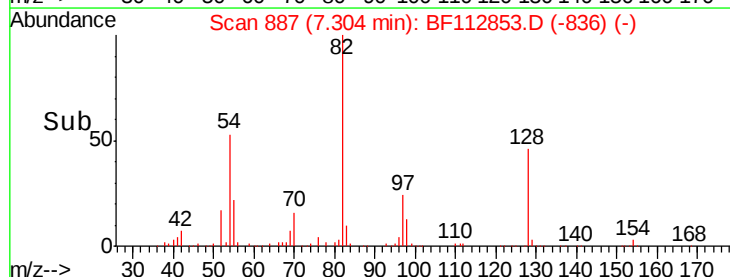
54 53.2 43.7 65.5



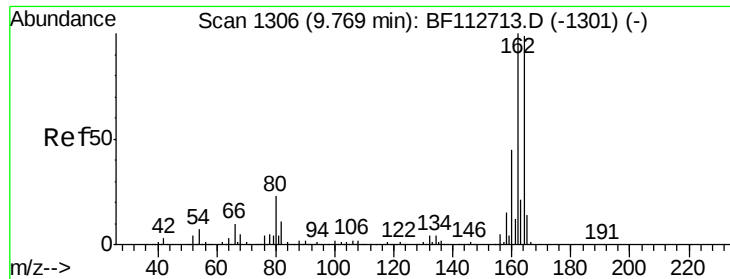
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF112853.D

Acq: 5 Mar 2019 14:09

Instrument :

BNA_F

ClientSampleId :

MW-11

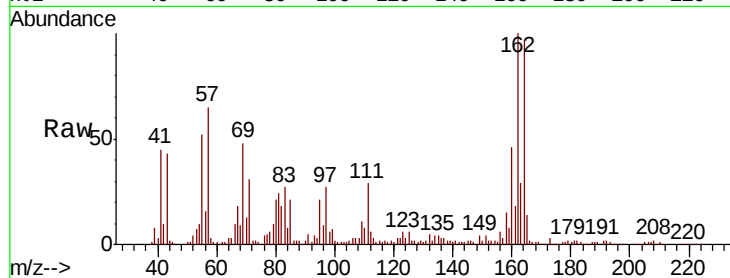
Tot Ion:164 Resp: 210721

Ion Ratio Lower Upper

164 100

162 102.9 80.6 120.8

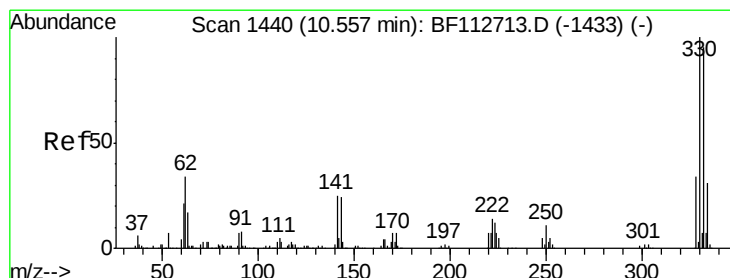
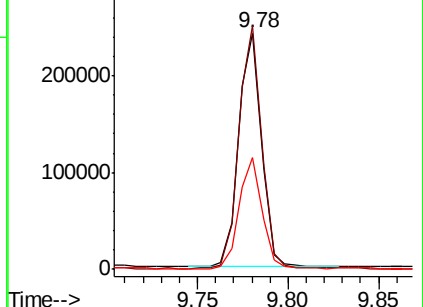
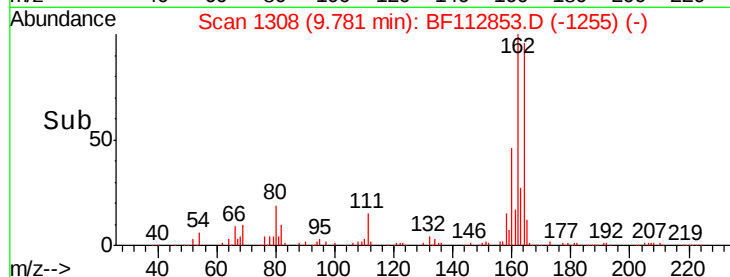
160 47.4 36.0 54.0



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: 51.992 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF112853.D

Acq: 5 Mar 2019 14:09

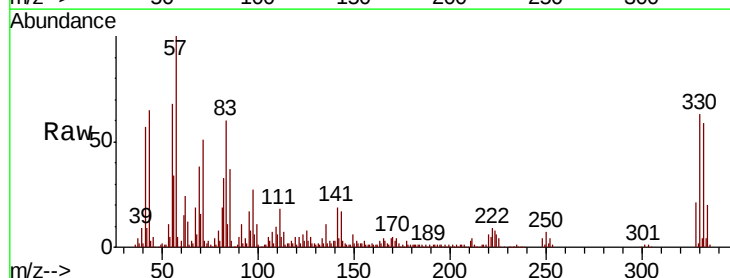
Tgt Ion:330 Resp: 116309

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

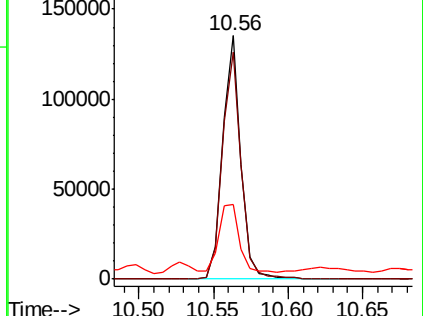
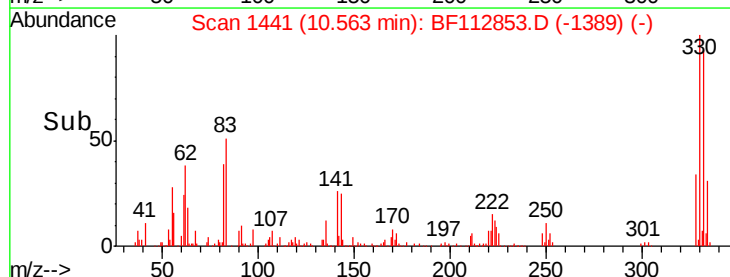
141 30.3 27.0 40.6

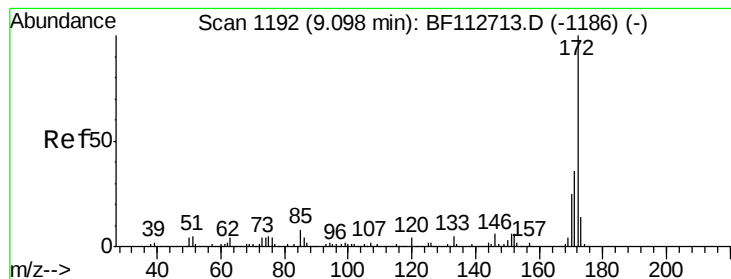


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

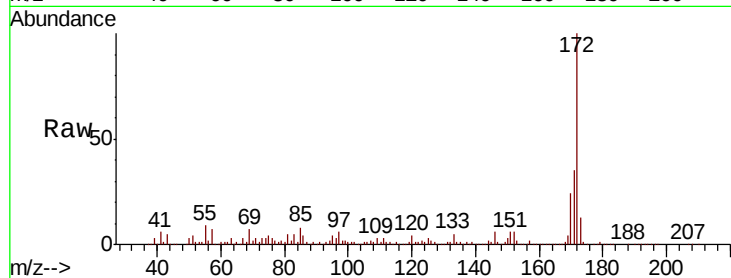




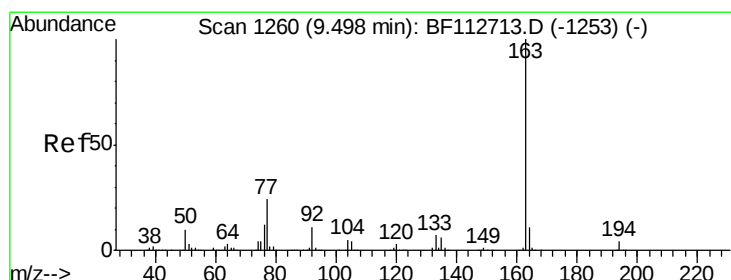
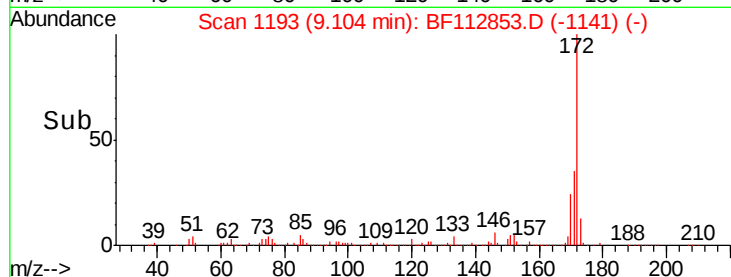
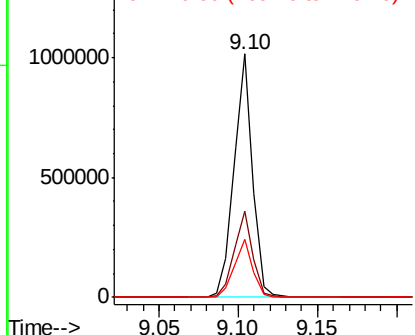
#45
2-Fluorobiphenyl
Concen: 59.915 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112853.D
Acq: 5 Mar 2019 14:09

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion:172 Resp: 823728
Ion Ratio Lower Upper
172 100
171 35.3 29.0 43.4
170 24.0 20.0 30.0

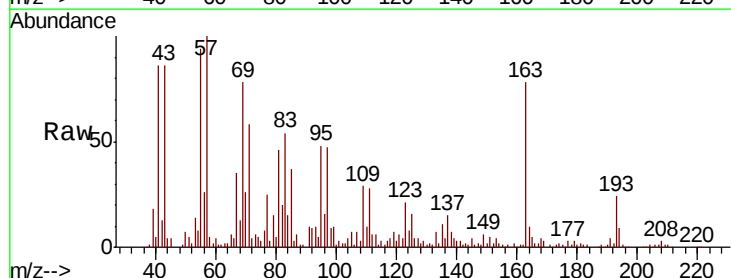


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

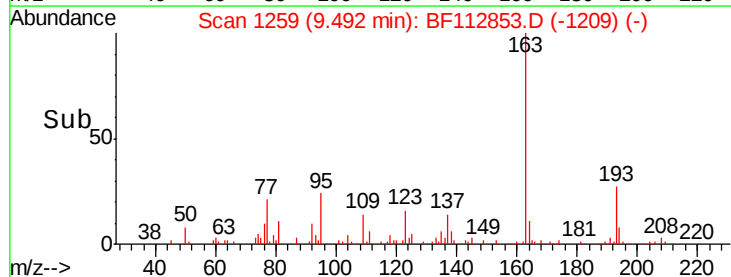
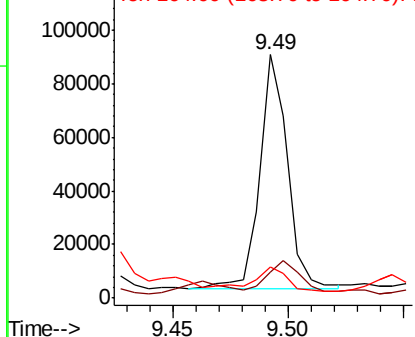


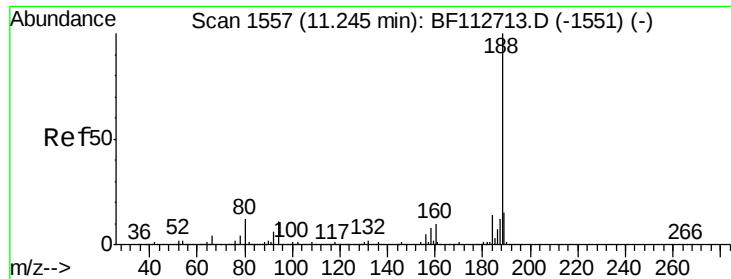
#50
Dimethylphthalate
Concen: 4.718 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112853.D
Acq: 5 Mar 2019 14:09

Tgt Ion:163 Resp: 73302
Ion Ratio Lower Upper
163 100
194 10.9 3.0 4.4#
164 12.8 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

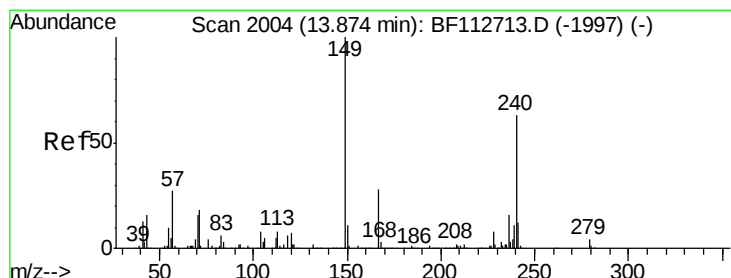
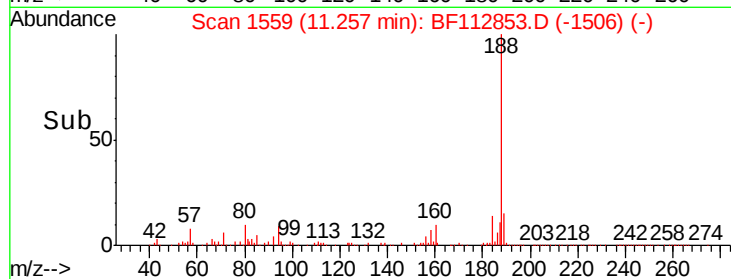
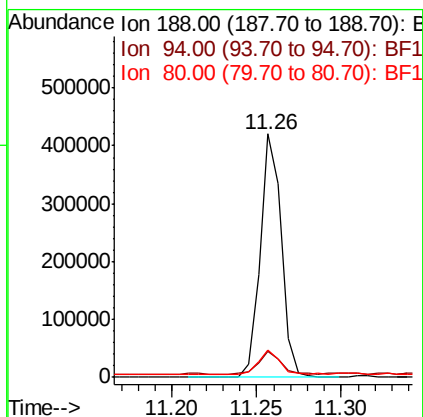
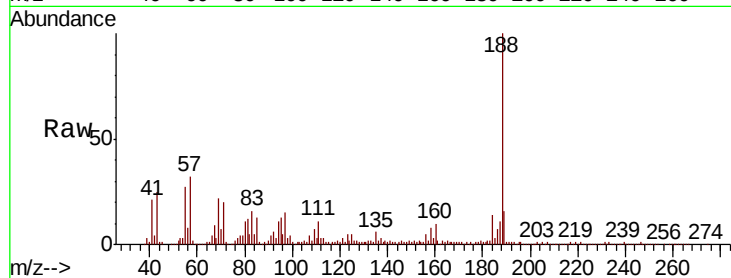




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF112853.D
Acq: 5 Mar 2019 14:09

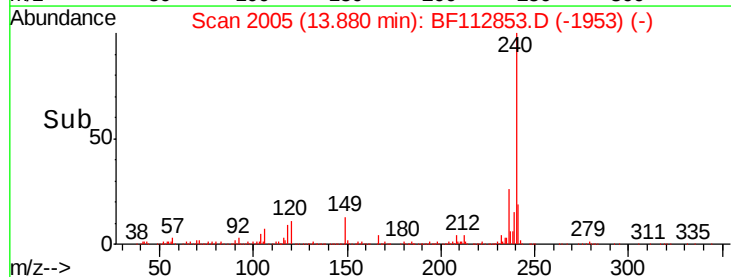
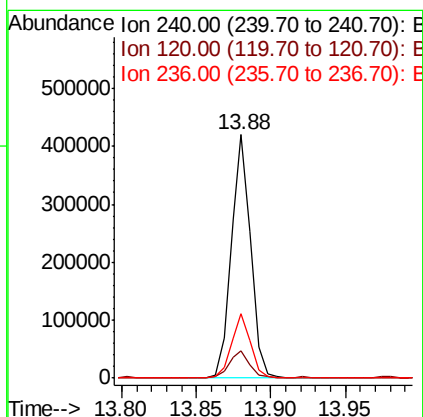
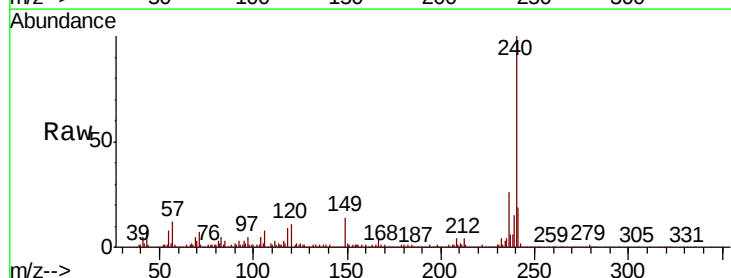
Instrument :
BNA_F
ClientSampleId :
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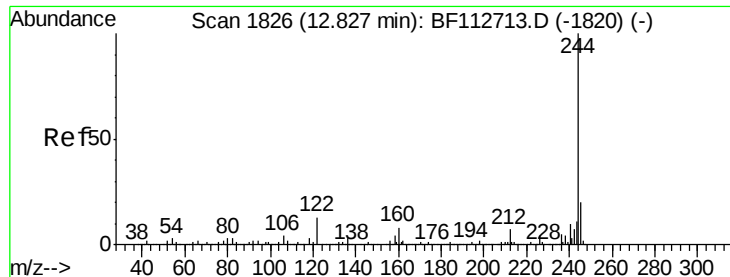
Tot Ion:188 Resp: 364737
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.4
80 11.3 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112853.D
Acq: 5 Mar 2019 14:09

Tgt Ion:240 Resp: 385760
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 26.4 20.7 31.1





#79

Terphenyl-d14

Concen: 38.350 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112853.D

Acq: 5 Mar 2019 14:09

Instrument :

BNA_F

ClientSampled :

MW-11

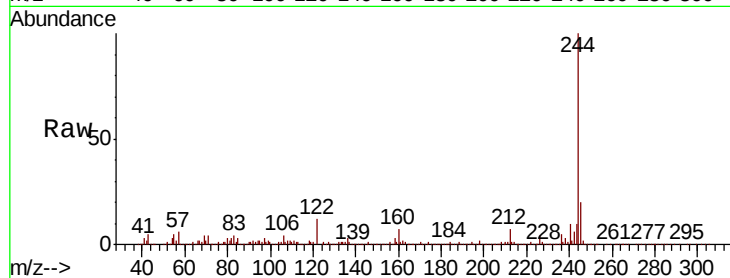
Tot Ion:244 Resp: 763154

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

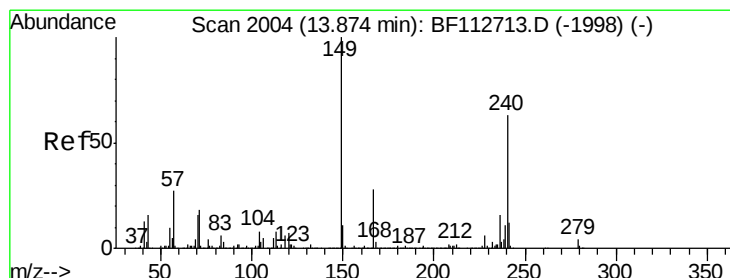
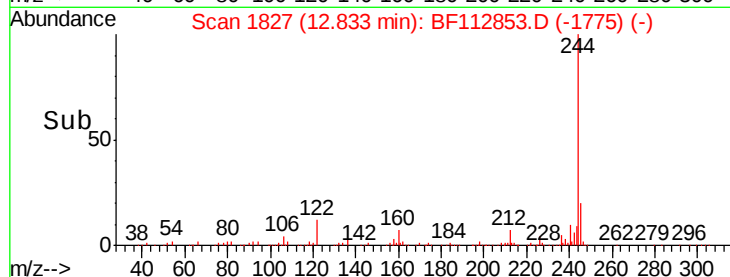
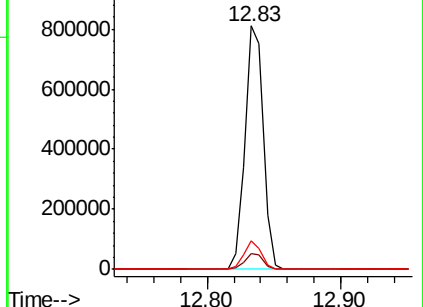
122 12.0 10.5 15.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.162 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF112853.D

Acq: 5 Mar 2019 14:09

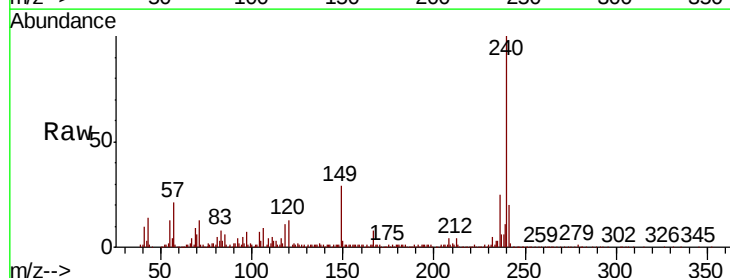
Tgt Ion:149 Resp: 70069

Ion Ratio Lower Upper

149 100

167 27.8 22.4 33.6

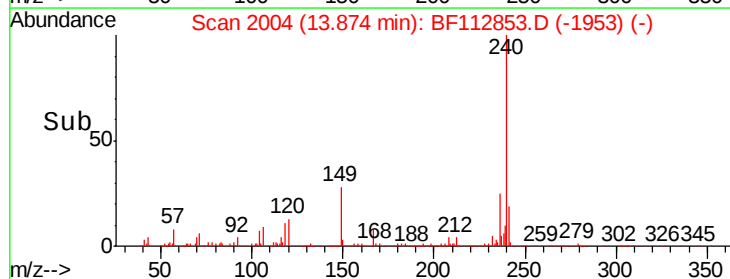
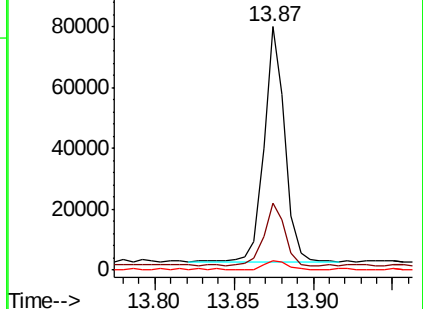
279 3.8 3.3 4.9

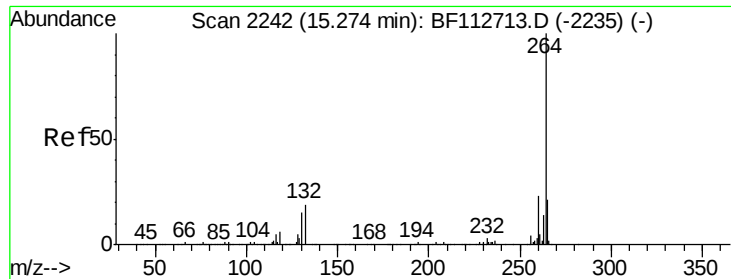


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF112853.D
Acq: 5 Mar 2019 14:09

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.9	17.2	25.8

