

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 01:43:25 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

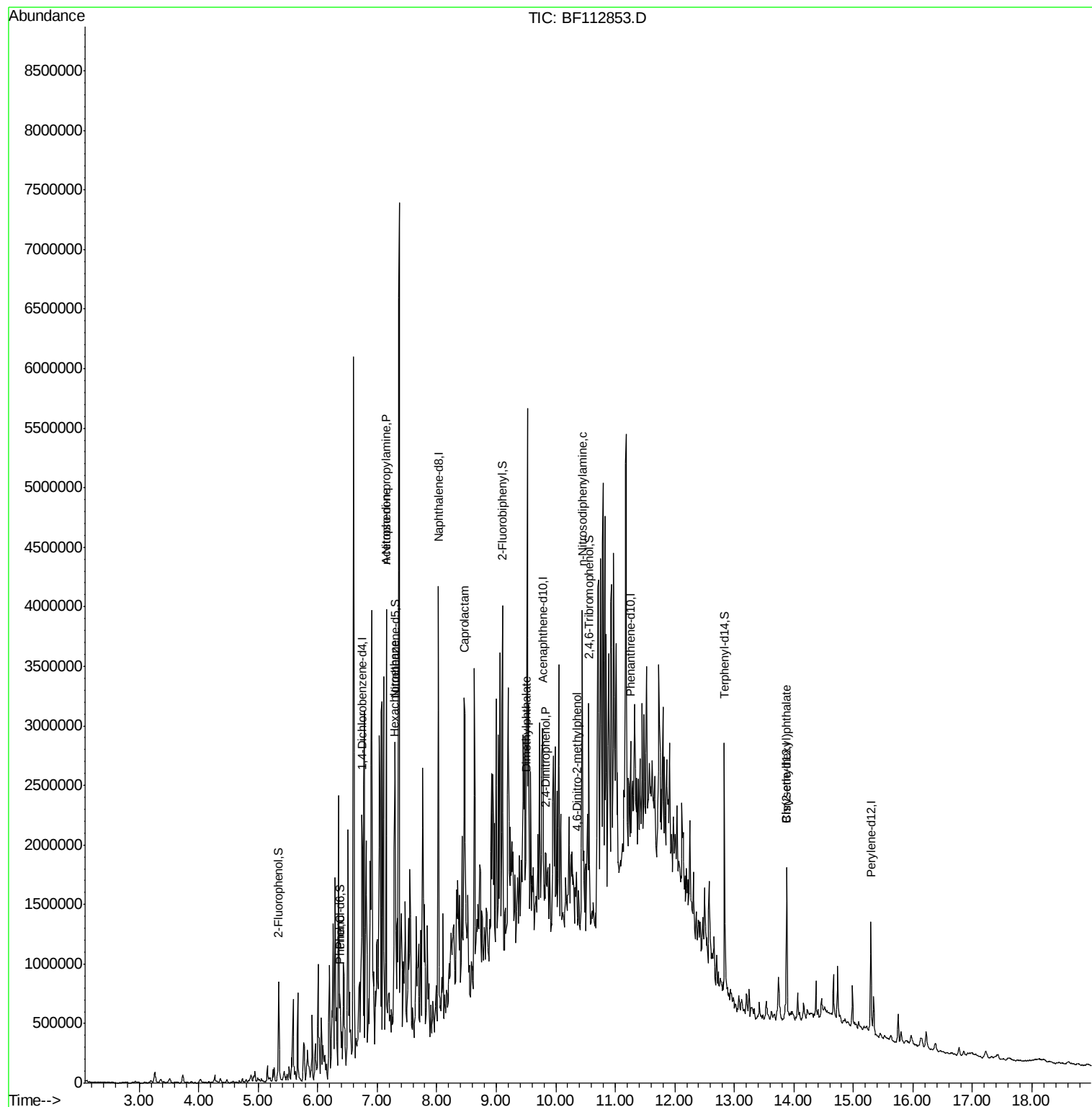
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.39	94	65854	4.545	ng	89
18) Hexachloroethane	7.29	117	41350	9.471	ng	# 1
19) n-Nitroso-di-n-propylamine	7.15	70	28388	3.610	ng	# 28
22) Acetophenone	7.15	105	117316	10.072	ng	# 31
35) Caprolactam	8.47	113	38275	15.618	ng	# 1
50) Dimethylphthalate	9.49	163	73302	4.718	ng	# 90
54) 2,4-Dinitrophenol	9.83	184	384	6.720	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.36	198	448	4.883	ng	# 1
66) n-Nitrosodiphenylamine	10.45	169	24896	2.128	ng	# 65
84) Bis(2-ethylhexyl)phthalate	13.87	149	70069	4.162	ng	99

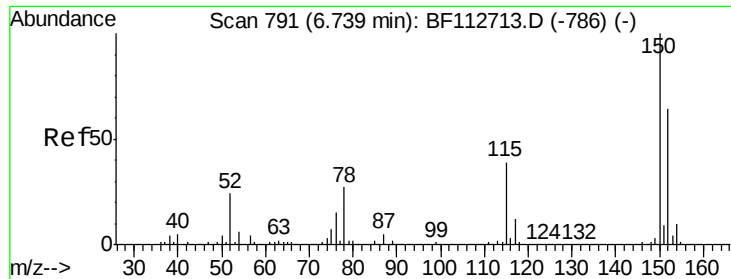
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
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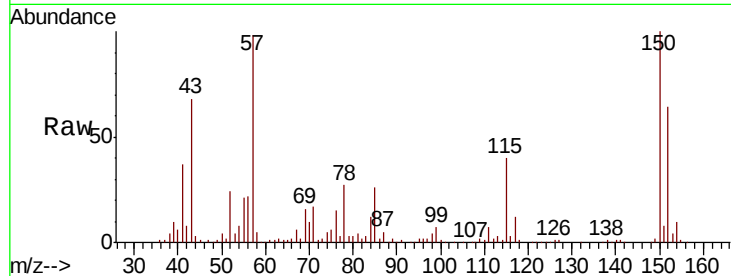


#1

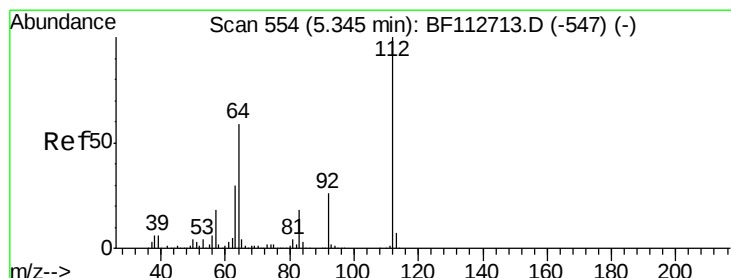
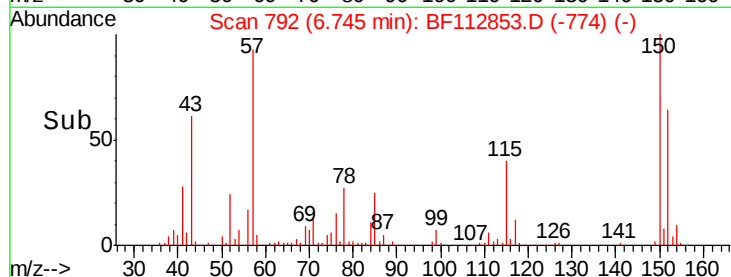
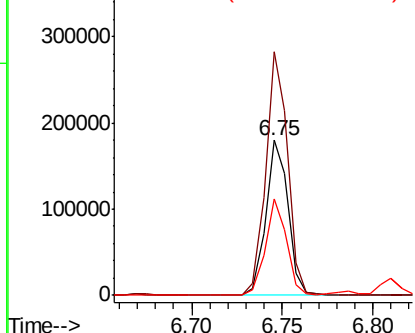
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112853.D
Acq: 5 Mar 2019 14:09

Instrument :
BNA_F
ClientSampleId :
MW-11

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



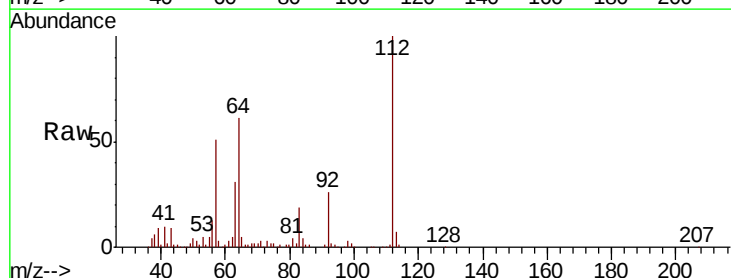
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



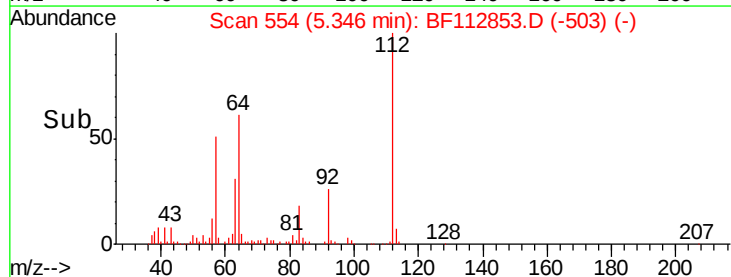
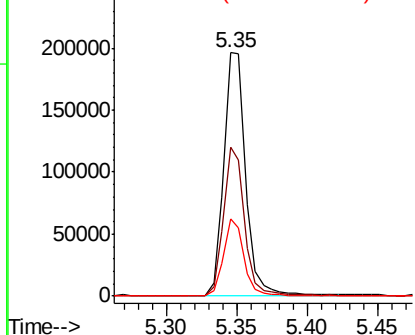
#5

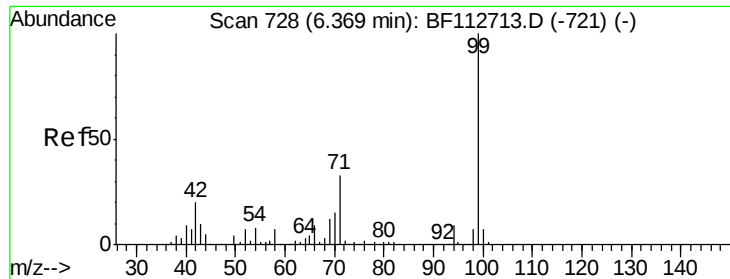
2-Fluorophenol
Concen: 21.661 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112853.D
Acq: 5 Mar 2019 14:09

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

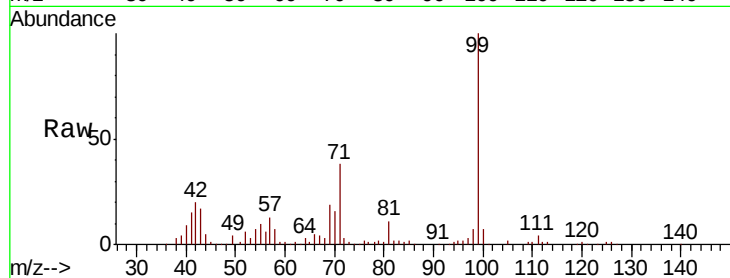
Tgt Ion: 99 Resp: 176272

Ion Ratio Lower Upper

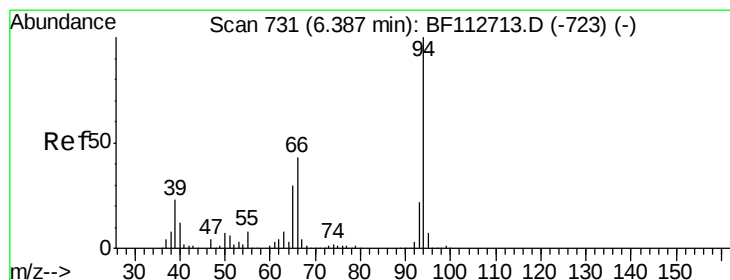
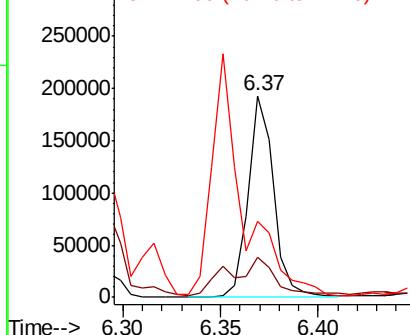
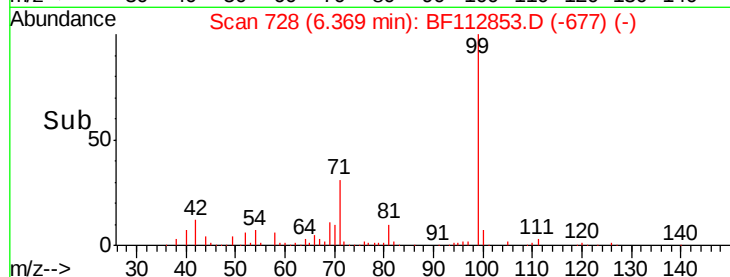
99 100

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

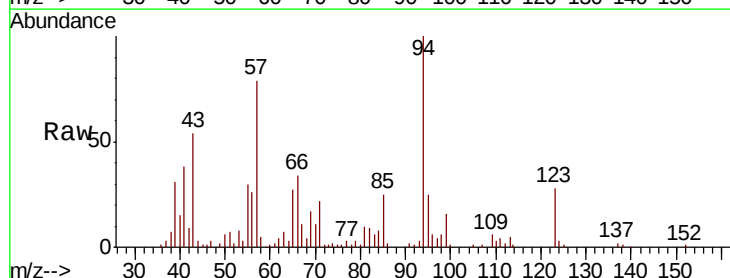
Tgt Ion: 94 Resp: 65854

Ion Ratio Lower Upper

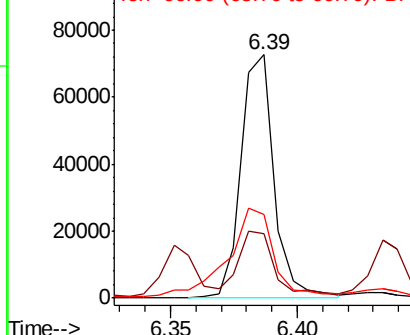
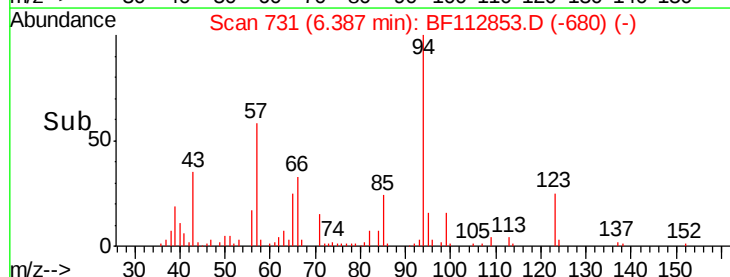
94 100

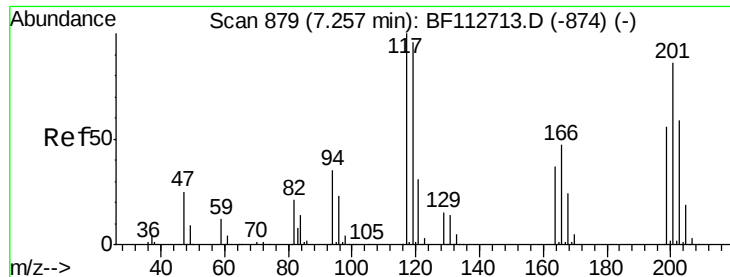
65 26.7 10.5 50.5

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

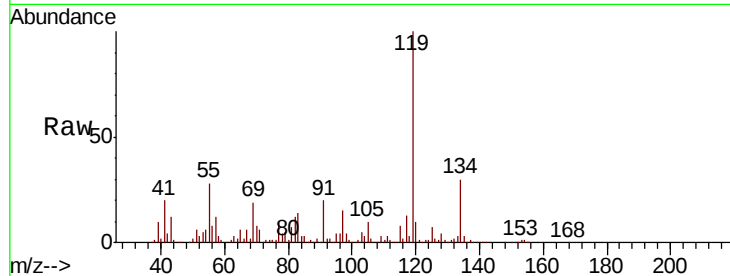




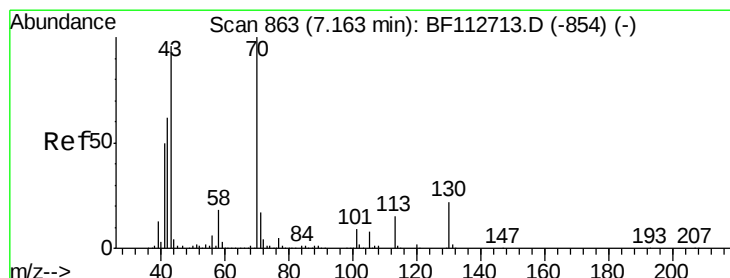
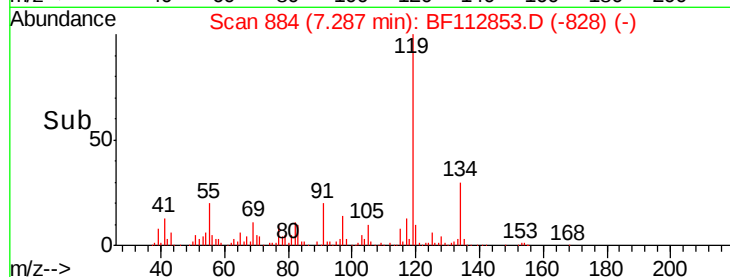
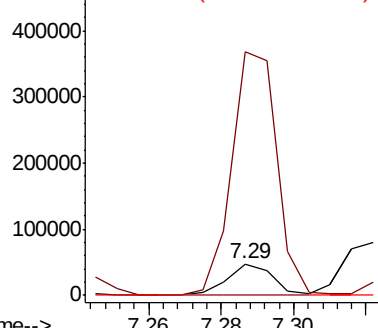
#18
Hexachloroethane
Concen: 9.471 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.03 min
Lab File: BF112853.D
Acq: 5 Mar 2019 14:09

Instrument :
BNA_F
ClientSampled :
MW-11

Tgt Ion: 117 Resp: 41350
Ion Ratio Lower Upper
117 100
119 780.7 76.6 115.0#
201 0.0 68.9 103.3#

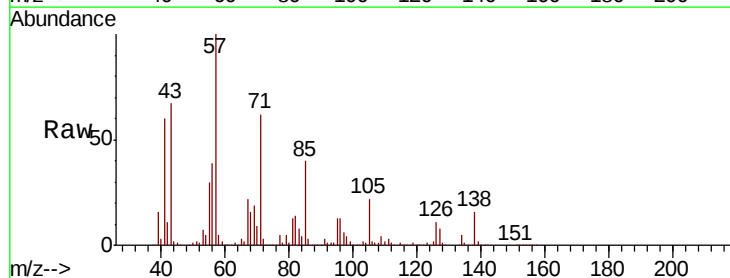


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

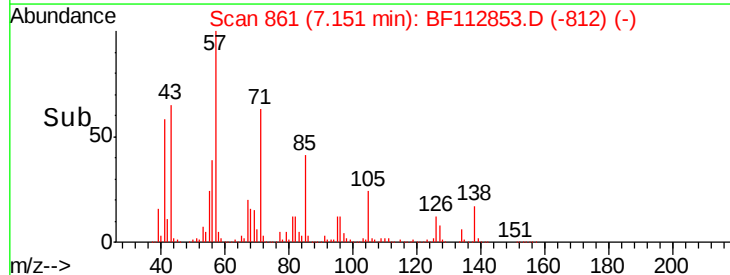
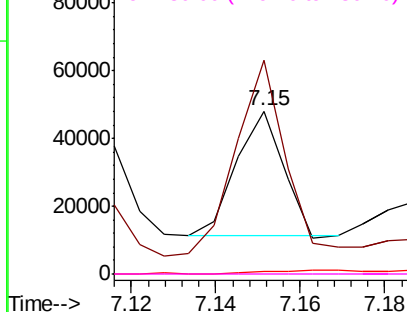


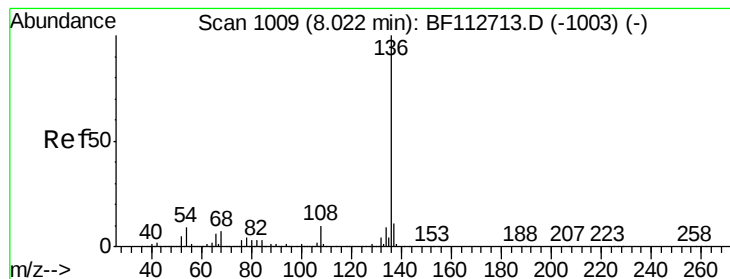
#19
n-Nitroso-di-n-propylamine
Concen: 3.610 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF112853.D
Acq: 5 Mar 2019 14:09

Tgt Ion: 70 Resp: 28388
Ion Ratio Lower Upper
70 100
42 131.3 49.9 74.9#
101 1.2 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): E
Ion 130.00 (129.70 to 130.70): E





#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

Tgt Ion:136 Resp: 498122

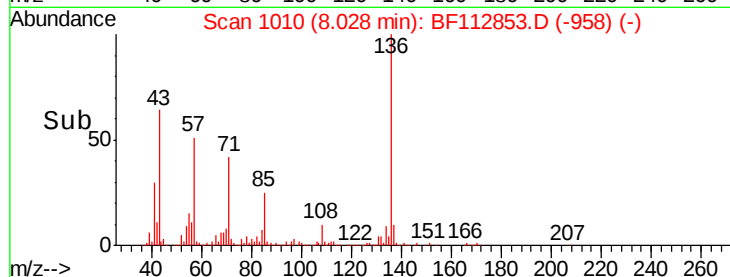
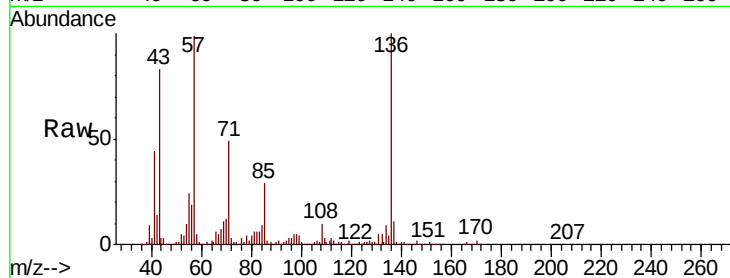
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.2 7.3 10.9

68 7.4 5.4 8.2

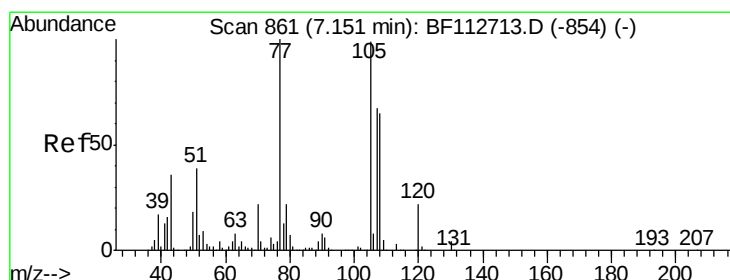
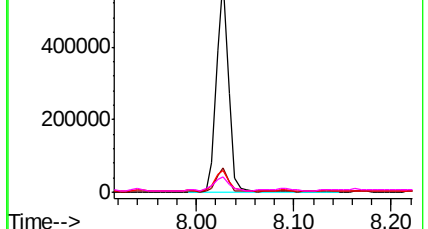


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 10.072 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF112853.D

Acq: 5 Mar 2019 14:09

Tgt Ion:105 Resp: 117316

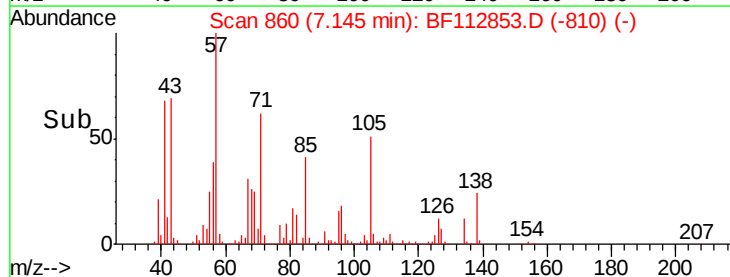
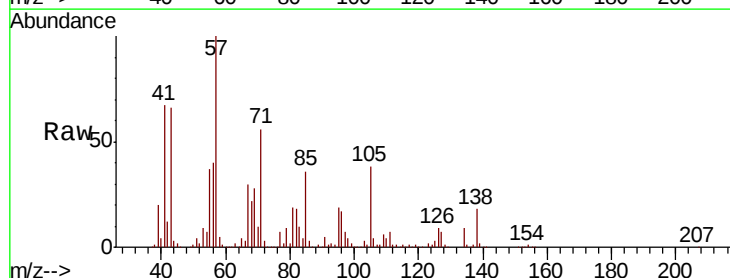
Ion Ratio Lower Upper

105 100

71 145.7 3.0 4.4#

51 9.4 31.5 47.3#

120 0.5 18.1 27.1#

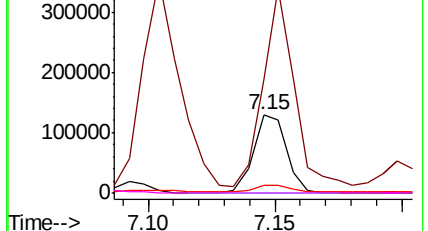


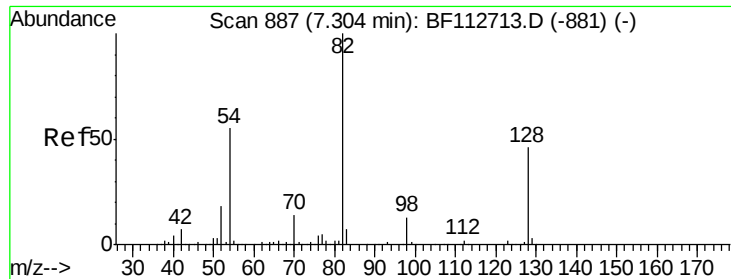
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

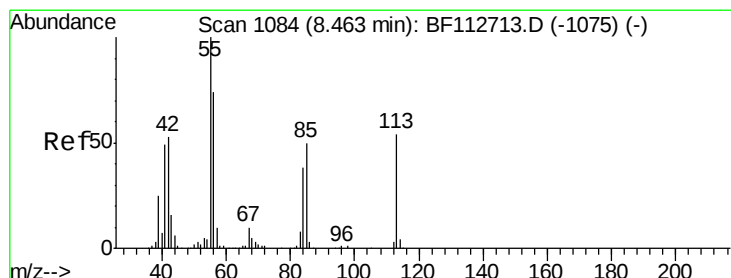
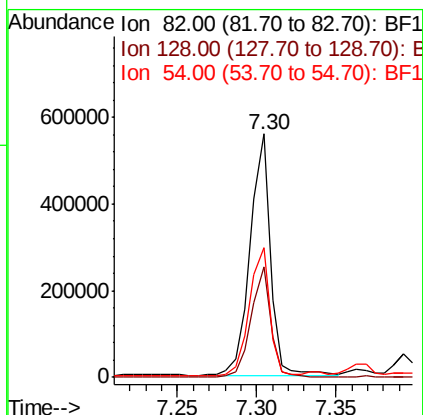
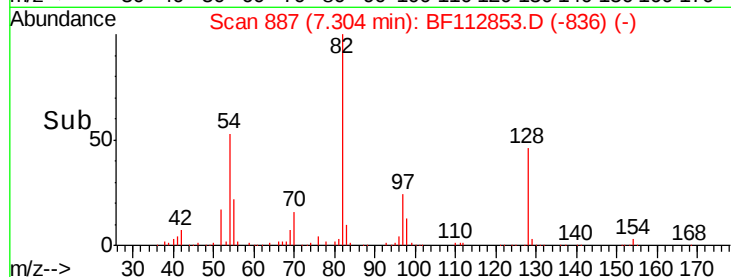
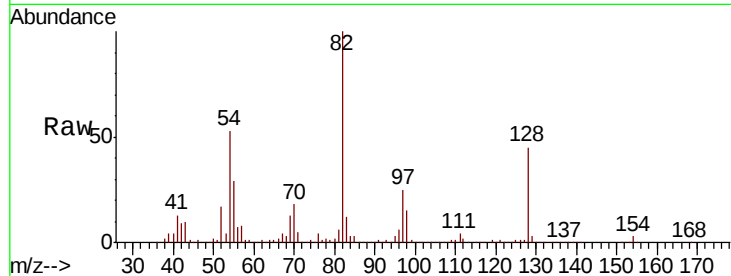




#23
Nitrobenzene-d5
Concen: 59.886 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF112853.D
Acq: 5 Mar 2019 14:09

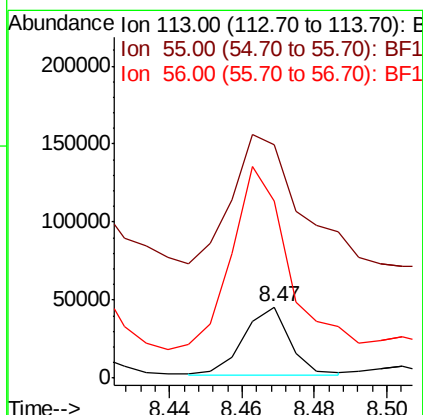
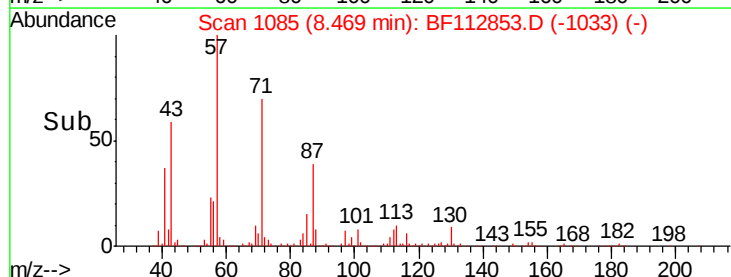
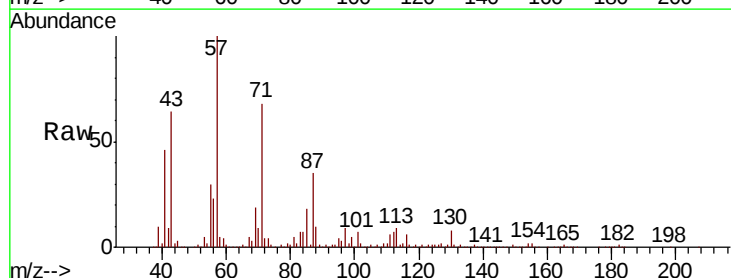
Instrument :
BNA_F
ClientSampleId :
MW-11

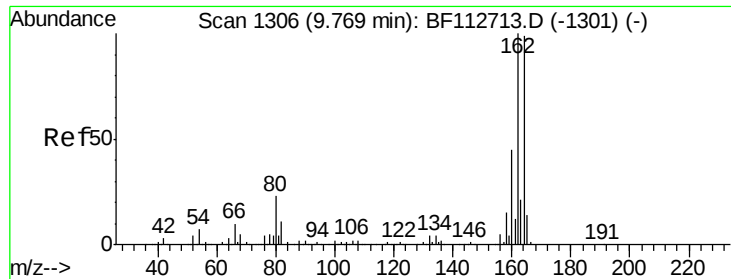
Tgt Ion: 82 Resp: 498519
Ion Ratio Lower Upper
82 100
128 45.2 36.3 54.5
54 53.2 43.7 65.5



#35
Caprolactam
Concen: 15.618 ng
RT: 8.47 min Scan# 1085
Delta R.T. 0.01 min
Lab File: BF112853.D
Acq: 5 Mar 2019 14:09

Tgt Ion: 113 Resp: 38275
Ion Ratio Lower Upper
113 100
55 329.4 163.5 203.5#
56 250.3 115.3 155.3#





#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

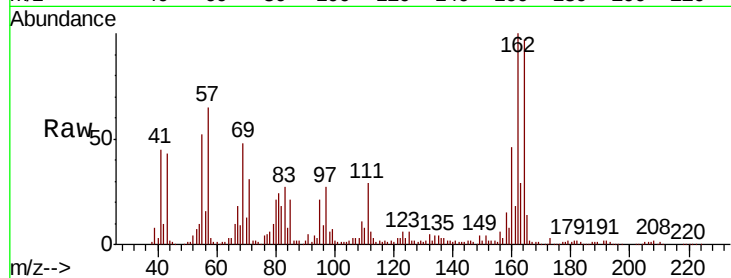
Tgt Ion:164 Resp: 210721

Ion Ratio Lower Upper

164 100

162 102.9 80.6 120.8

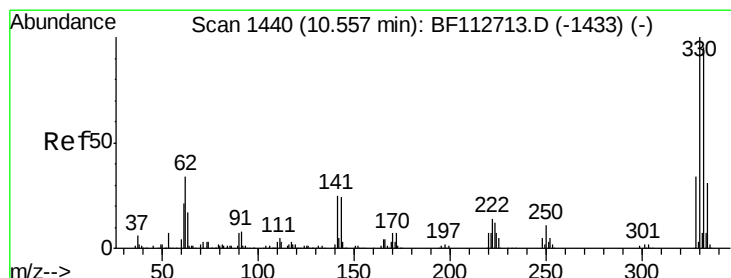
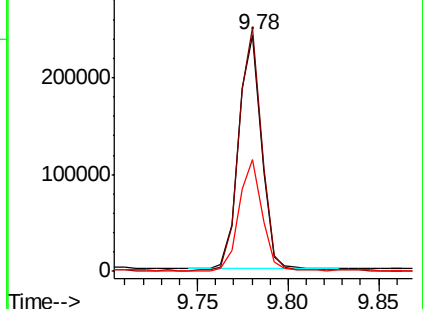
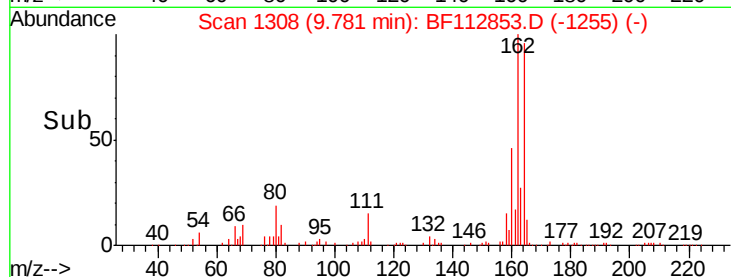
160 47.4 36.0 54.0



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

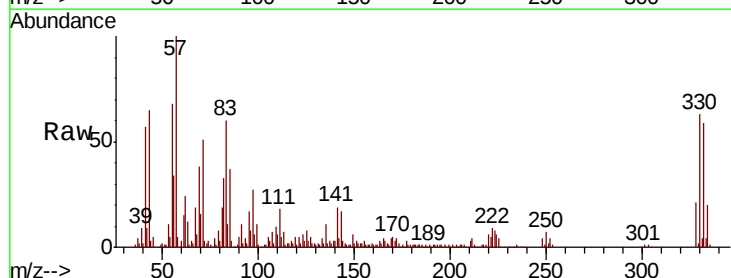
Tgt Ion:330 Resp: 116309

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

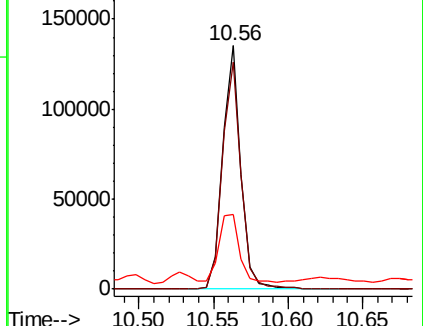
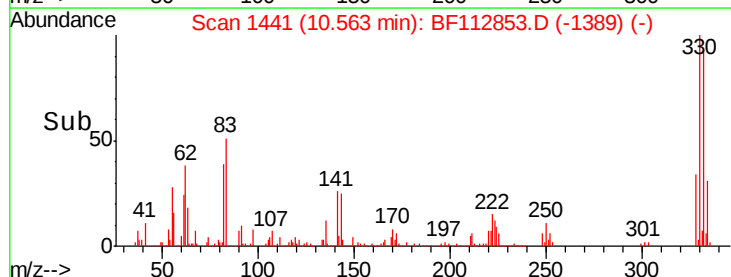
141 30.3 27.0 40.6

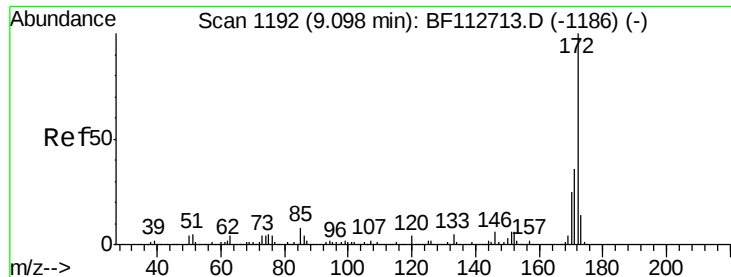


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

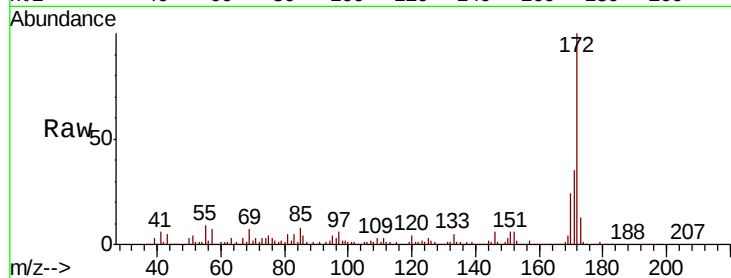




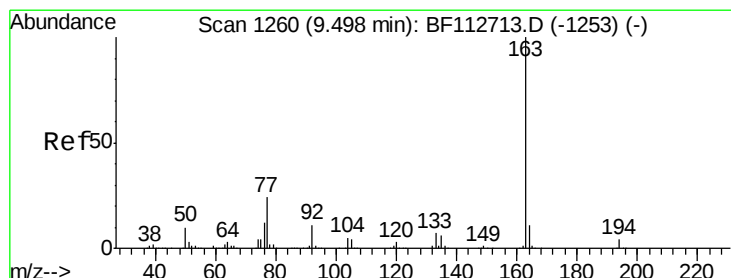
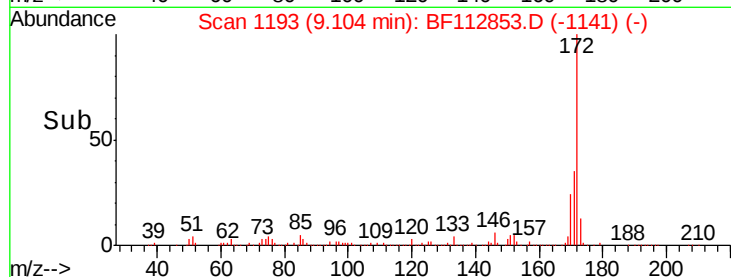
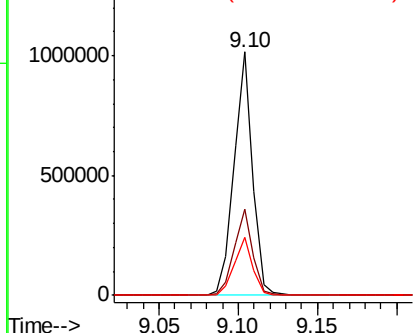
#45
 2-Fluorobiphenyl
 Concen: 59.915 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF112853.D
 Acq: 5 Mar 2019 14:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

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

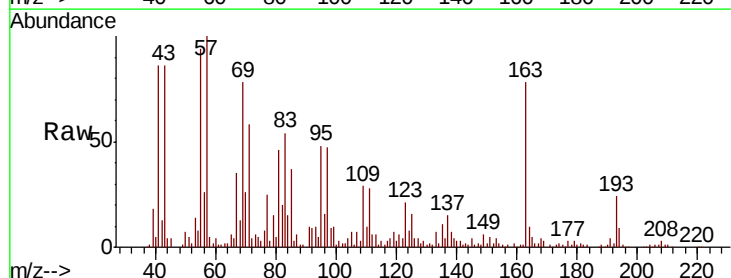


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

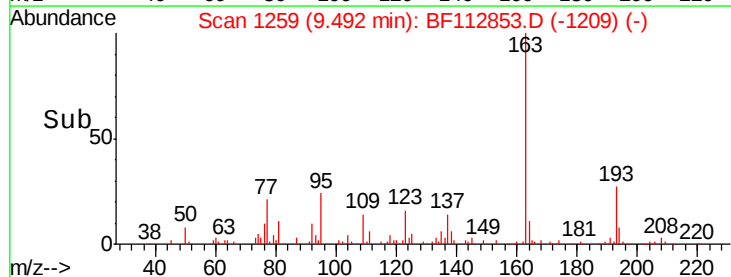
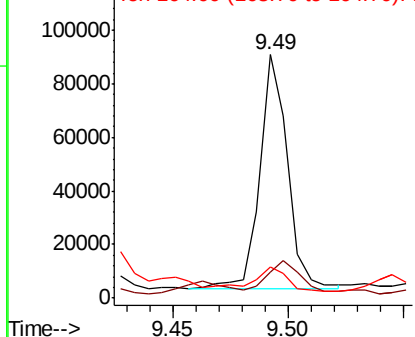


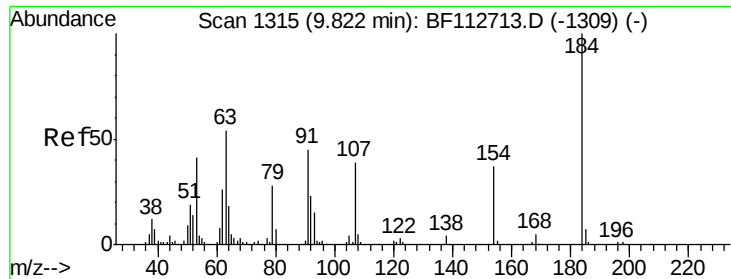
#50
 Dimethylphthalate
 Concen: 4.718 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BF112853.D
 Acq: 5 Mar 2019 14:09

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

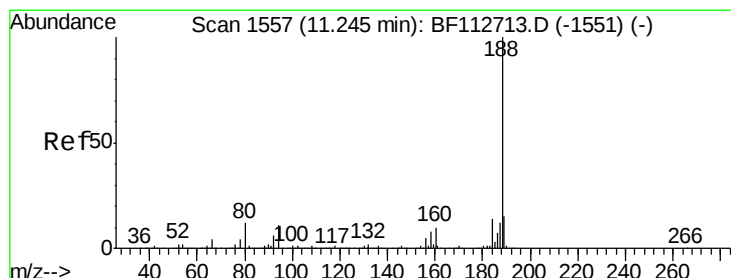
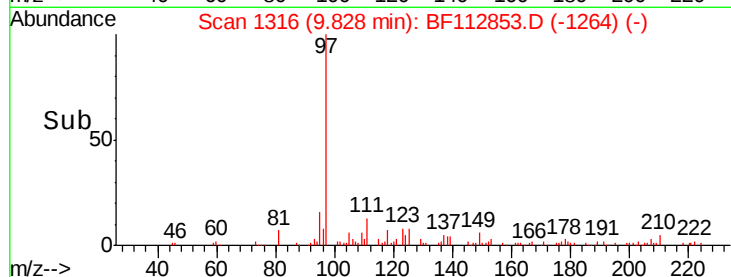
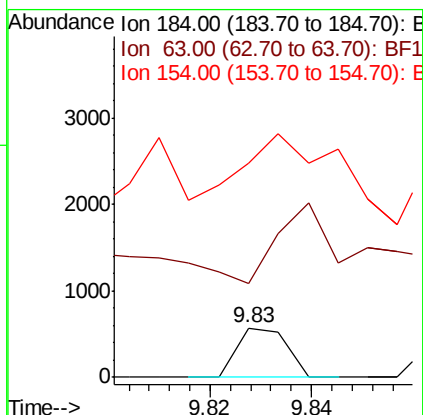
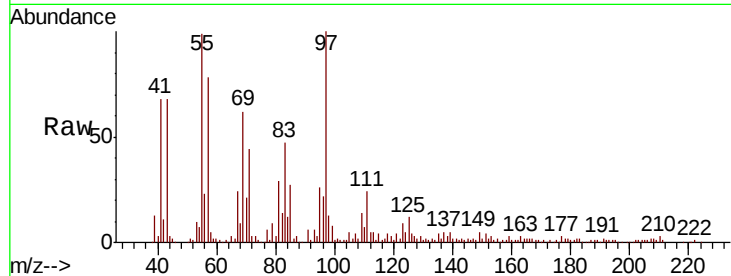




#54
 2,4-Dinitrophenol
 Concen: 6.720 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: BF112853.D
 Acq: 5 Mar 2019 14:09

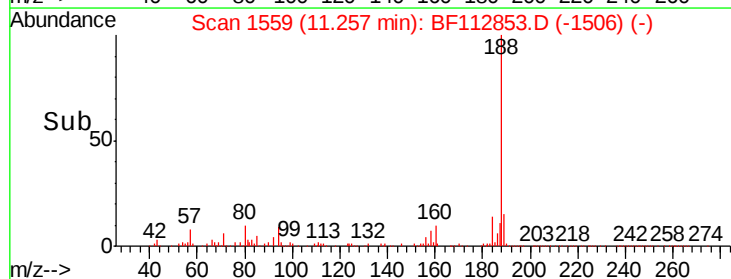
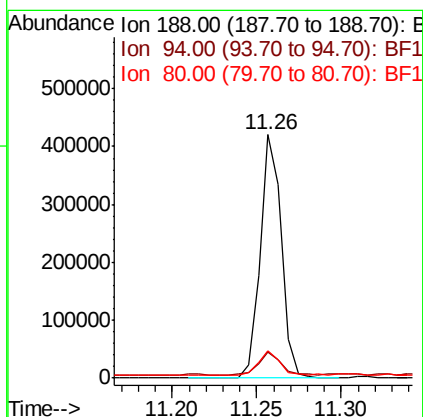
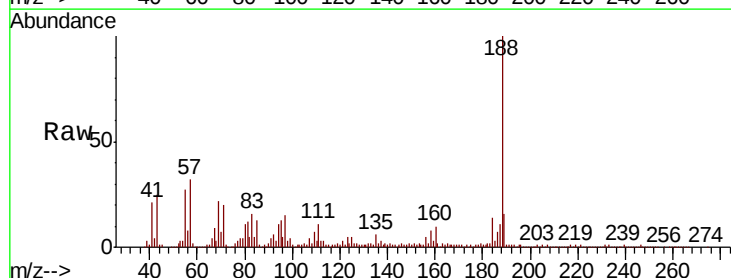
Instrument :
 BNA_F
 ClientSampleId :
 MW-11

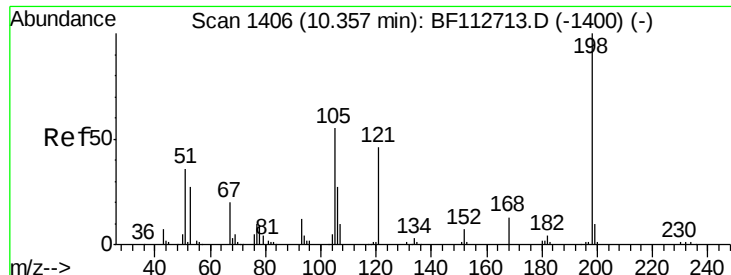
Tgt Ion:184 Resp: 384
 Ion Ratio Lower Upper
 184 100
 63 190.4 45.3 67.9#
 154 433.9 46.0 69.0#



#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

Tgt Ion:188 Resp: 364737
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.0 13.4
 80 11.3 9.2 13.8

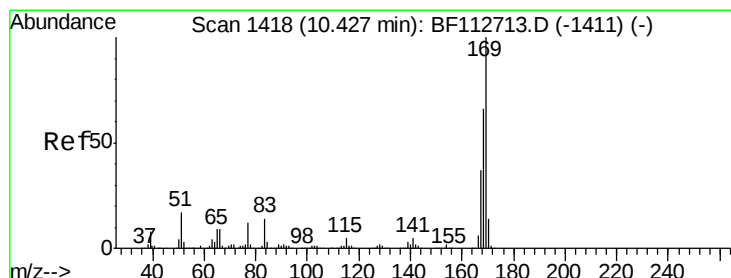
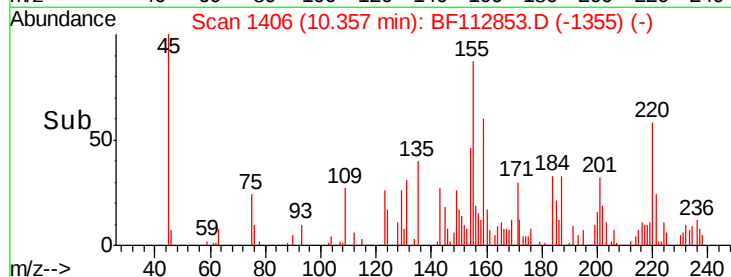
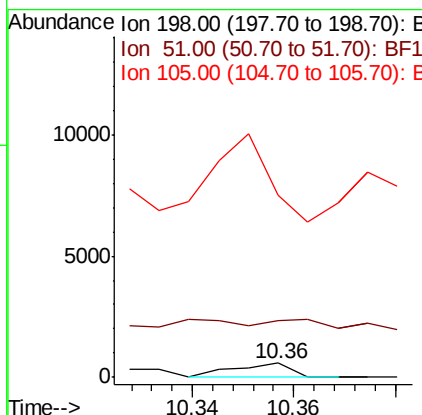
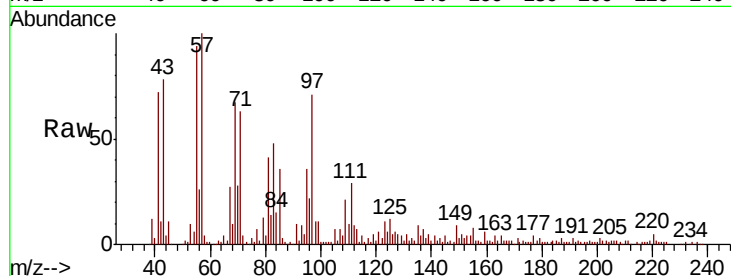




#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.883 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF112853.D
 Acq: 5 Mar 2019 14:09

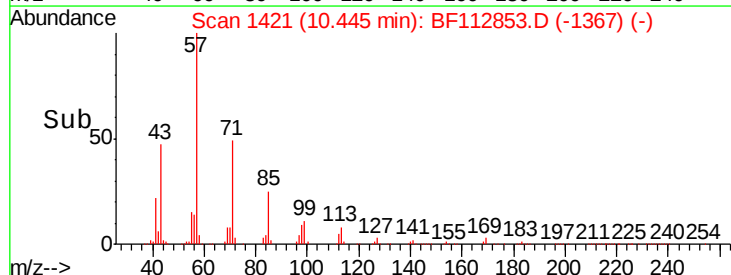
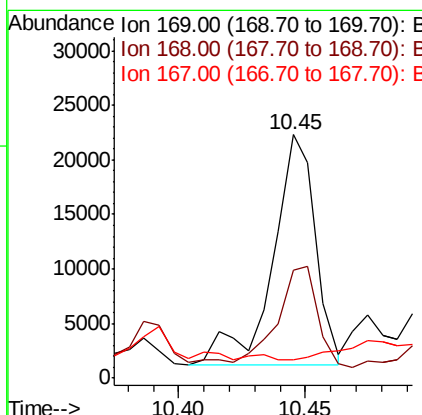
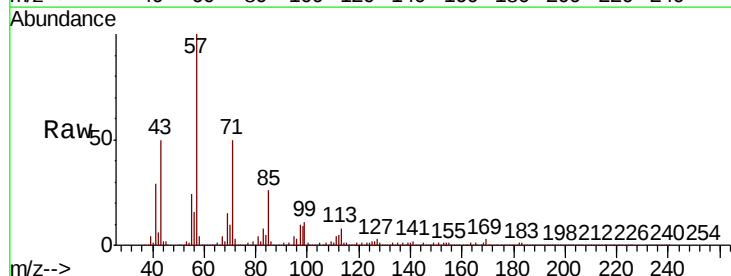
Instrument :
 BNA_F
 ClientSampled :
 MW-11

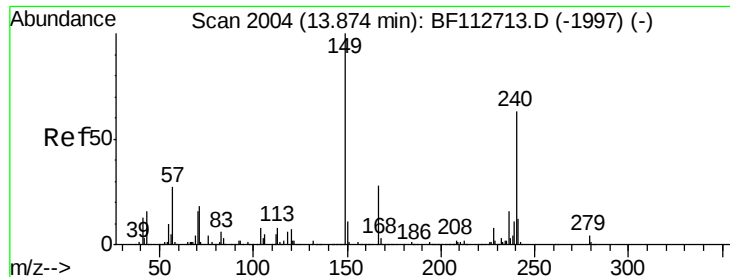
Tgt Ion:198 Resp: 448
 Ion Ratio Lower Upper
 198 100
 51 396.8 43.8 83.8#
 105 1278.5 36.5 76.5#



#66
 n-Nitrosodiphenylamine
 Concen: 2.128 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.02 min
 Lab File: BF112853.D
 Acq: 5 Mar 2019 14:09

Tgt Ion:169 Resp: 24896
 Ion Ratio Lower Upper
 169 100
 168 44.5 53.0 79.6#
 167 7.6 29.3 43.9#

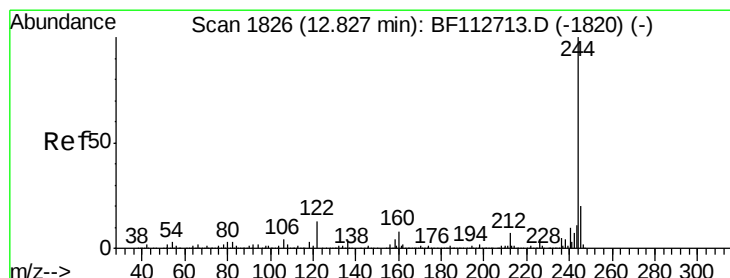
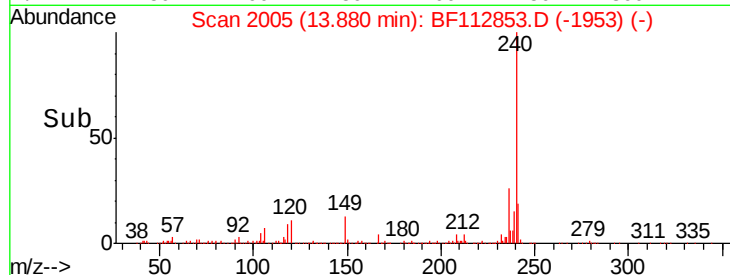
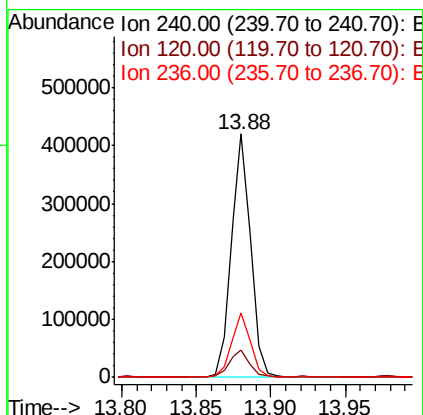
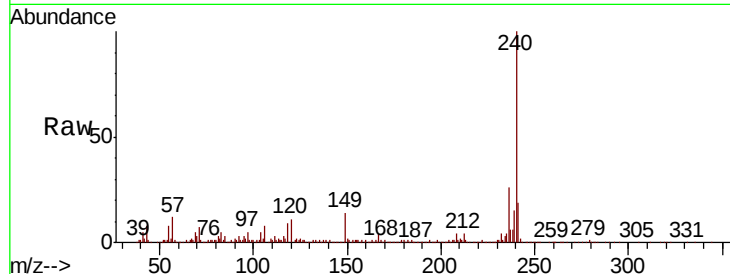




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112853.D
Acq: 5 Mar 2019 14:09

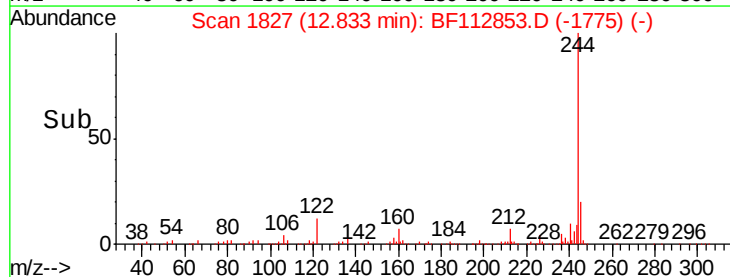
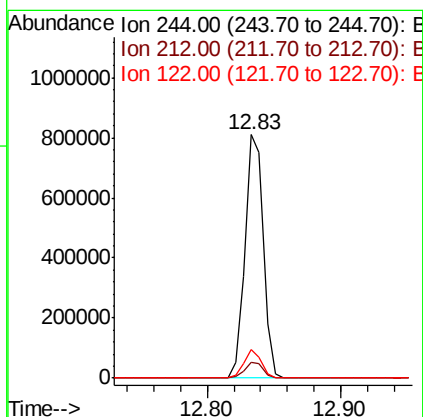
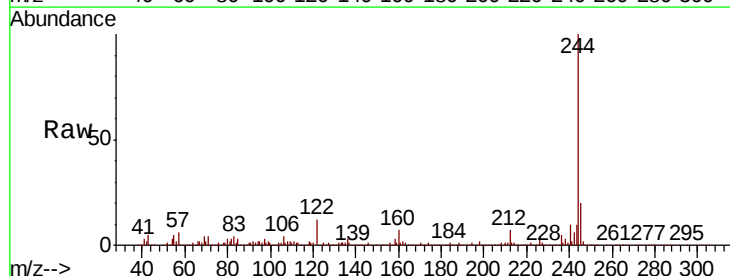
Instrument :
BNA_F
ClientSampled :
MW-11

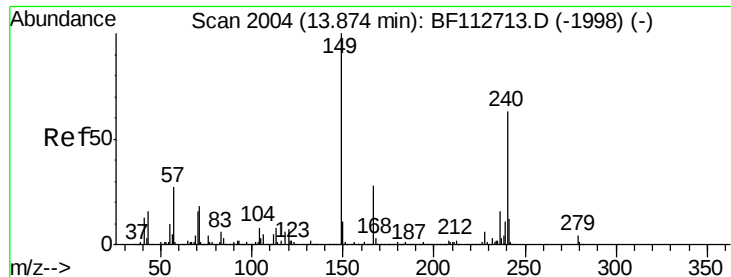
Tgt Ion:240 Resp: 385760
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 26.4 20.7 31.1



#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

Tgt Ion:244 Resp: 763154
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 12.0 10.5 15.7





#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

Instrument :

BNA_F

ClientSampleId :

MW-11

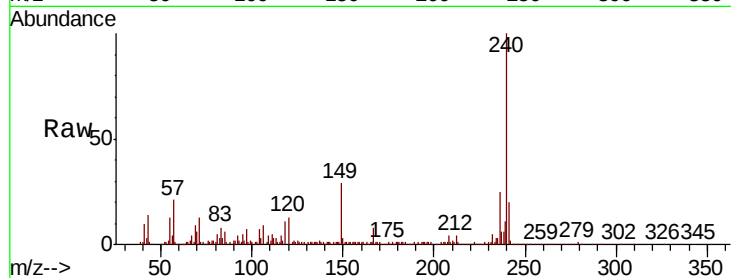
Tgt Ion:149 Resp: 70069

Ion Ratio Lower Upper

149 100

167 27.8 22.4 33.6

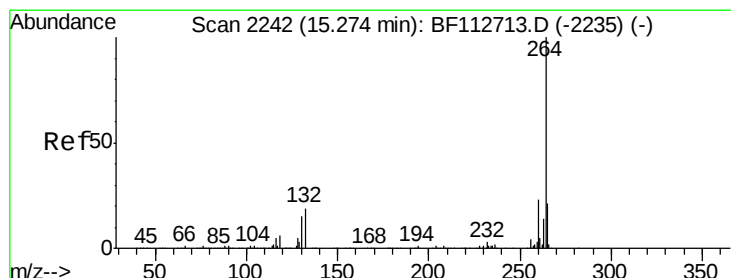
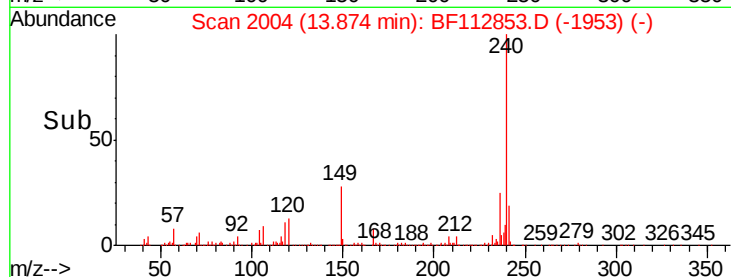
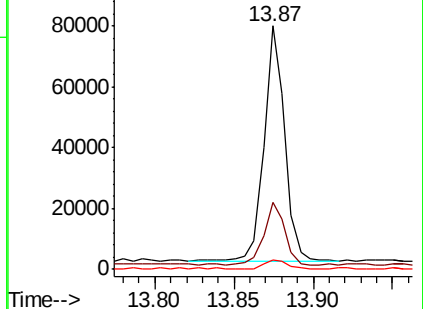
279 3.8 3.3 4.9



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

Perylene-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

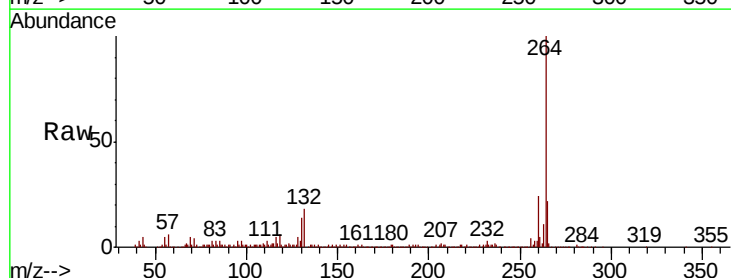
Tgt Ion:264 Resp: 447427

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.9 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

