

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
 Data File : BF112845.D
 Acq On : 5 Mar 2019 4:03
 Operator : JU/SJ
 Sample : K1714-18RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-D-5-8RE

Quant Time: Mar 05 04:33:45 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

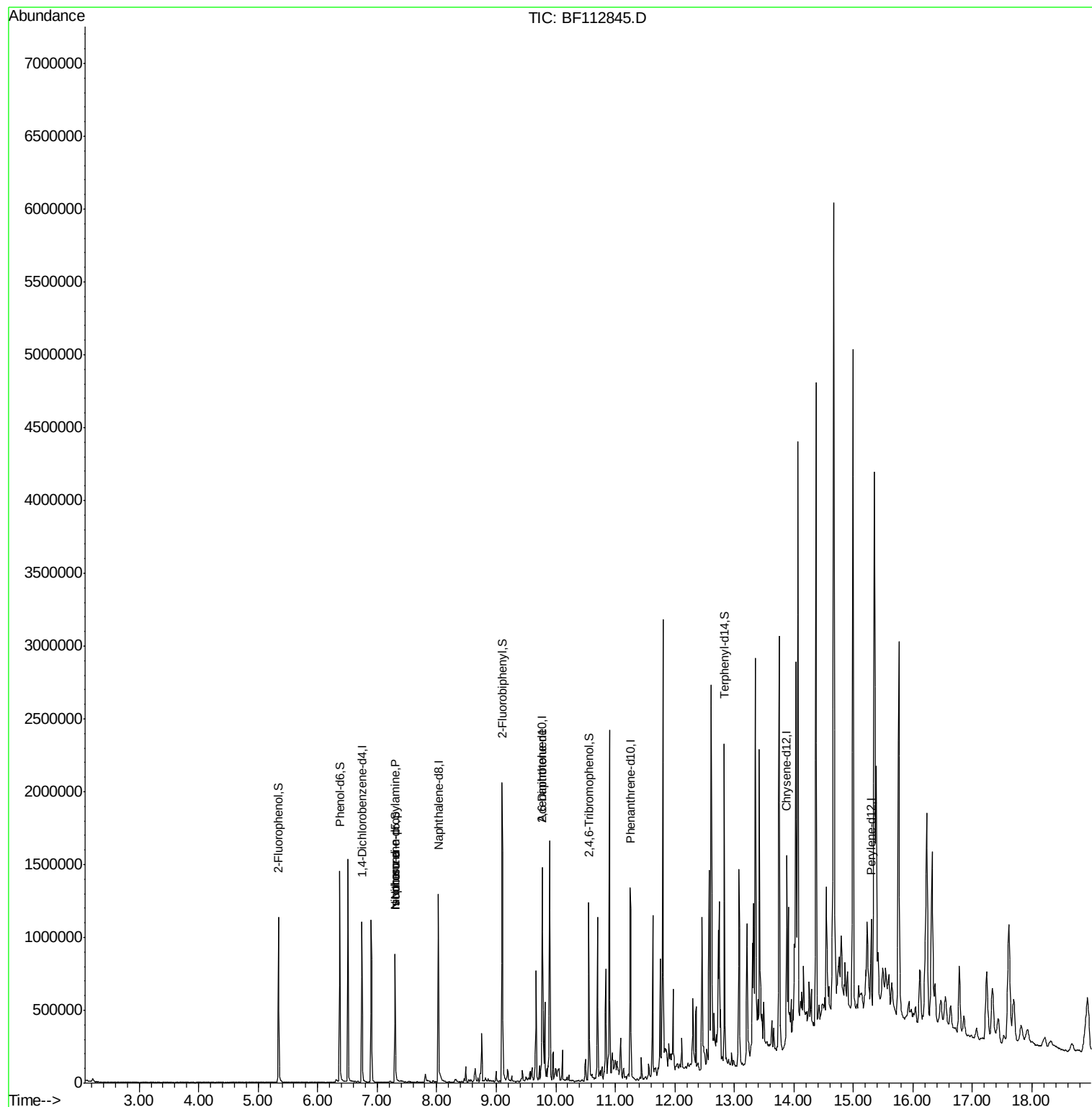
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	155089	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	620113	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	287493	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	526972	20.00	ng	0.00
76) Chrysene-d12	13.88	240	418456	20.00	ng	0.00
87) Perylene-d12	15.30	264	303750	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	324898	32.59	ng	0.00
7) Phenol-d6	6.37	99	499202	39.86	ng	0.00
23) Nitrobenzene-d5	7.30	82	280906	27.11	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	168676	55.27	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	687753	33.56	ng	0.00
79) Terphenyl-d14	12.83	244	728187	33.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	37064	4.673	ng	# 78
25) Isophorone	7.30	82	277019	12.408	ng	# 66
51) 2,6-Dinitrotoluene	9.77	165	43929	9.951	ng	# 18

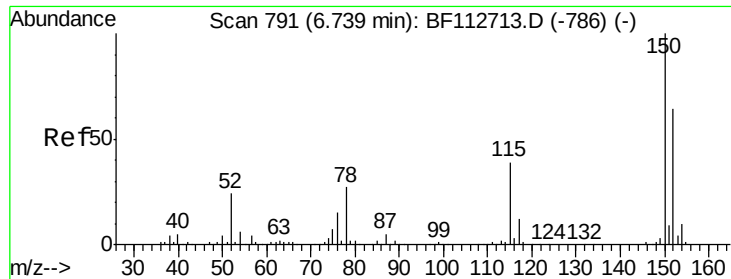
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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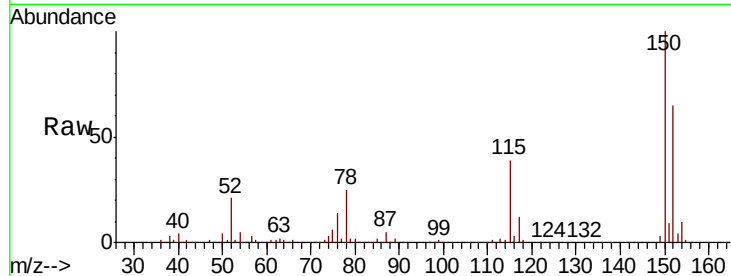




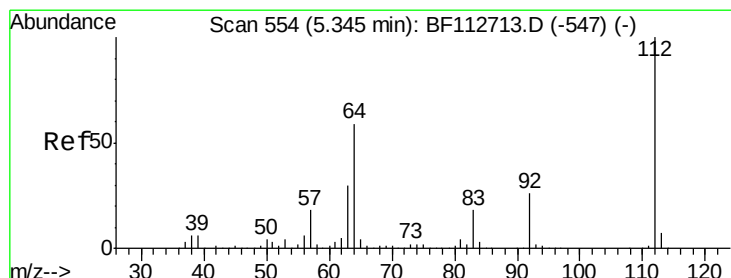
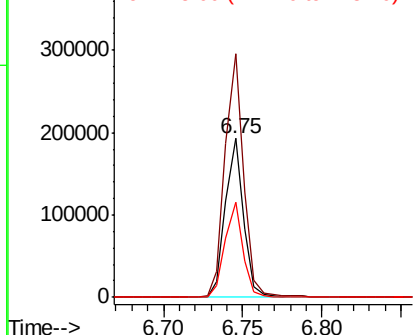
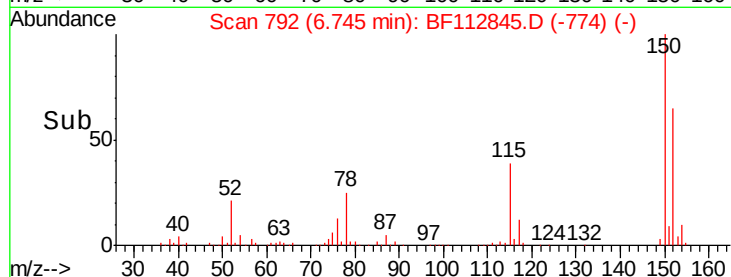
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF112845.D
 Acq: 5 Mar 2019 4:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-D-5-8RE

Tgt Ion:152 Resp: 155089
 Ion Ratio Lower Upper
 152 100
 150 153.2 124.2 186.2
 115 59.5 48.2 72.4

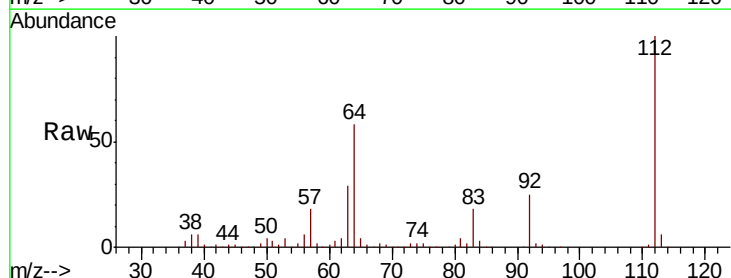


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

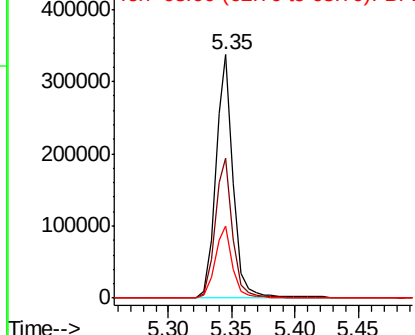
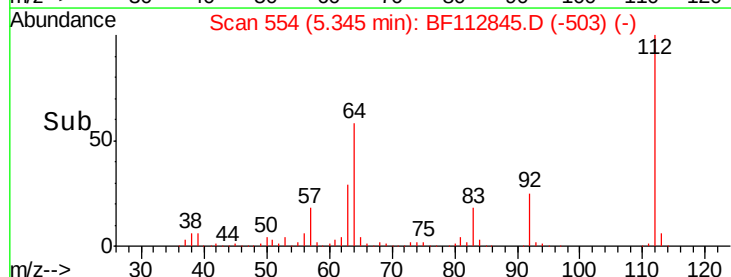


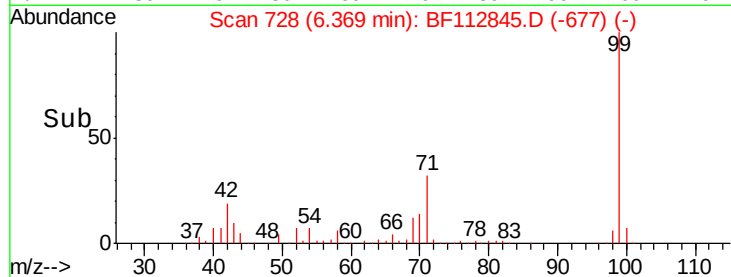
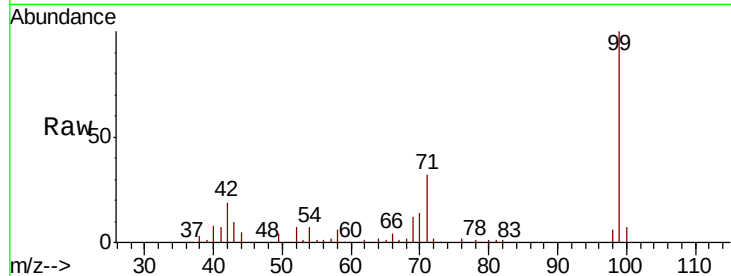
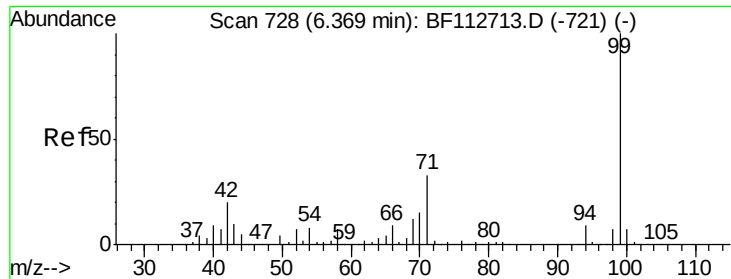
#5
 2-Fluorophenol
 Concen: 32.587 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF112845.D
 Acq: 5 Mar 2019 4:03

Tgt Ion:112 Resp: 324898
 Ion Ratio Lower Upper
 112 100
 64 57.5 47.6 71.4
 63 29.5 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: 39.859 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112845.D

Acq: 5 Mar 2019 4:03

Instrument :

BNA_F

ClientSampleId :

SB-D-5-8RE

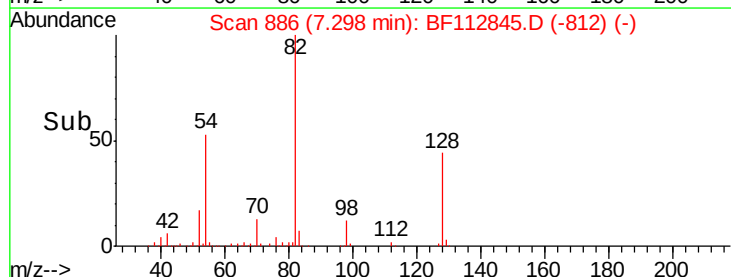
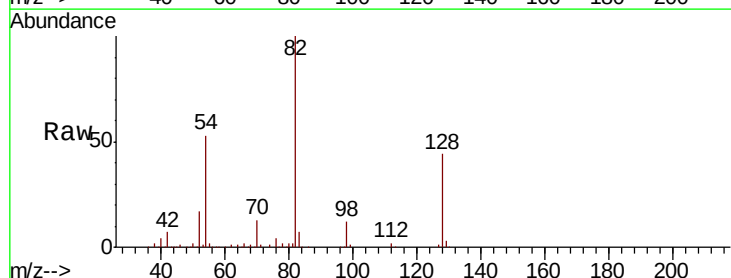
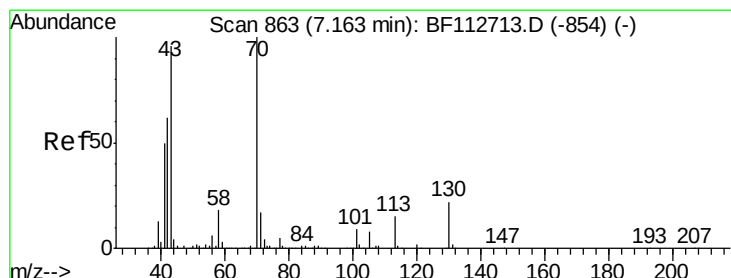
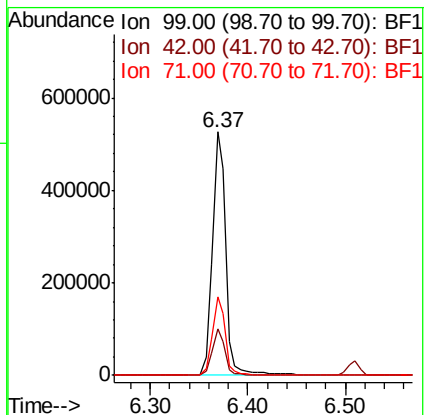
Tgt Ion: 99 Resp: 499202

Ion Ratio Lower Upper

99 100

42 19.0 16.3 24.5

71 32.0 26.2 39.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.673 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF112845.D

Acq: 5 Mar 2019 4:03

Tgt Ion: 70 Resp: 37064

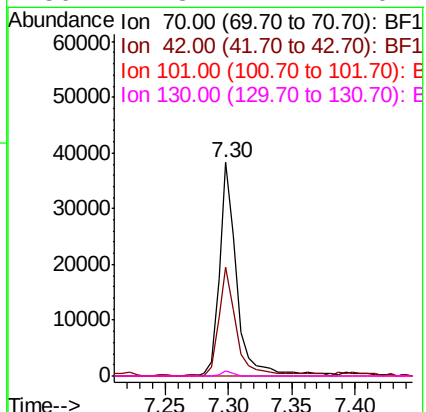
Ion Ratio Lower Upper

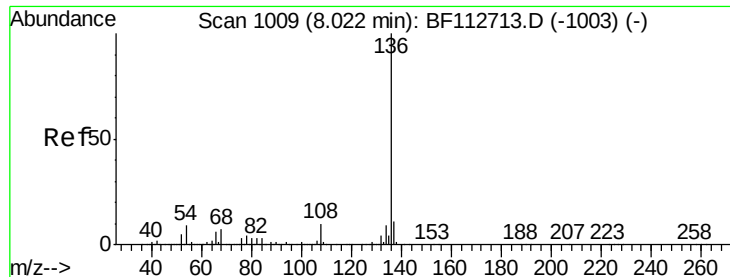
70 100

42 51.0 49.9 74.9

101 0.0 7.4 11.2#

130 2.3 17.4 26.2#

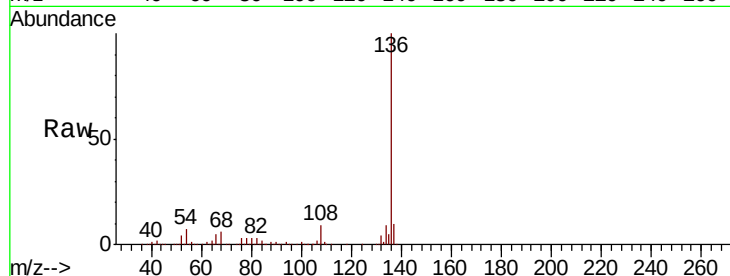




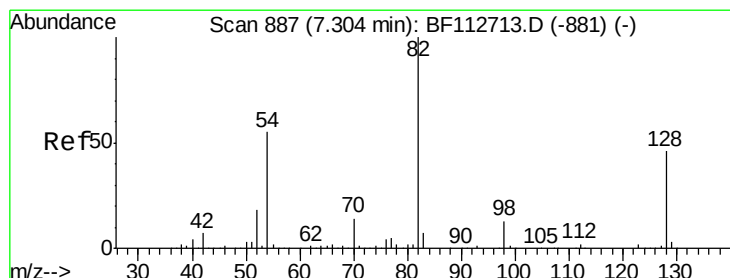
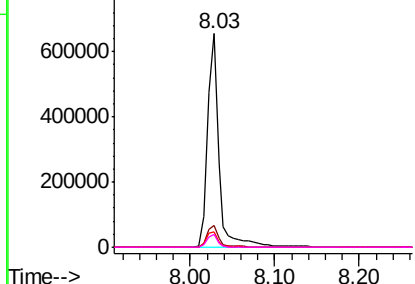
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112845.D
Acq: 5 Mar 2019 4:03

Instrument :
BNA_F
ClientSampleId :
SB-D-5-8RE

Tgt Ion:	136	Resp:	620113
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.5	7.3	10.9
68	5.8	5.4	8.2

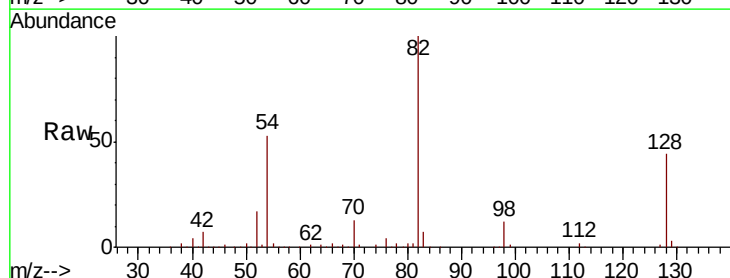


Abundance Ion 136.00 (135.70 to 136.70): E
1000000 Ion 137.00 (136.70 to 137.70): E
800000 Ion 54.00 (53.70 to 54.70): BF1
600000 Ion 68.00 (67.70 to 68.70): BF1
400000
200000
0

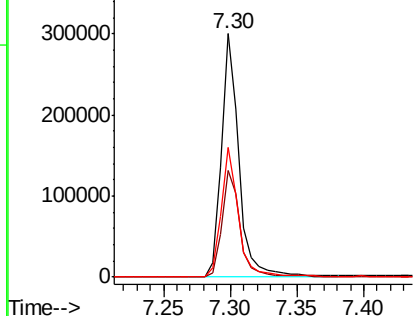


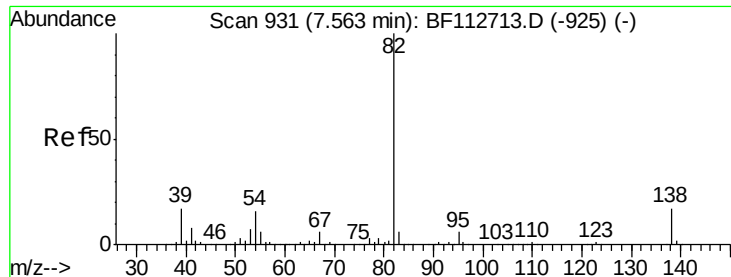
#23
Nitrobenzene-d5
Concen: 27.106 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112845.D
Acq: 5 Mar 2019 4:03

Tgt Ion:	82	Resp:	280906
Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.3	54.5
54	53.1	43.7	65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
400000 Ion 128.00 (127.70 to 128.70): E
300000 Ion 54.00 (53.70 to 54.70): BF1
200000
100000
0





#25

Isophorone

Concen: 12.408 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF112845.D

Acq: 5 Mar 2019 4:03

Instrument :

BNA_F

ClientSampleId :

SB-D-5-8RE

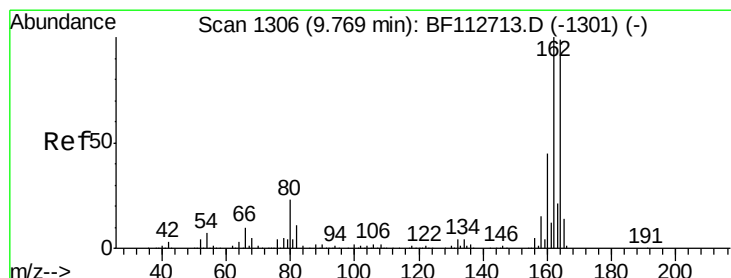
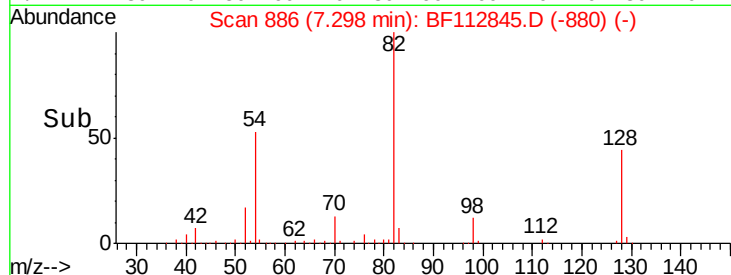
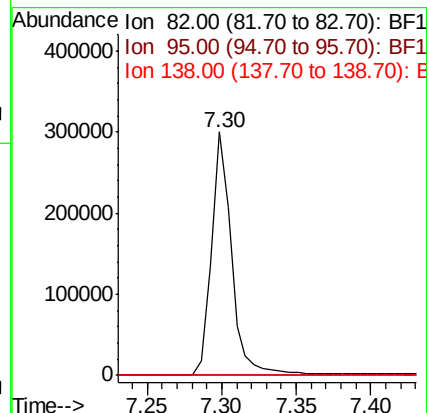
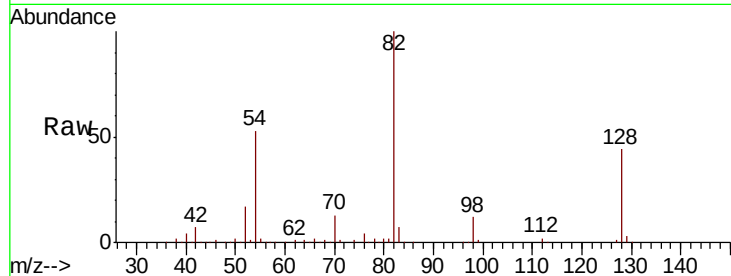
Tgt Ion: 82 Resp: 277019

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF112845.D

Acq: 5 Mar 2019 4:03

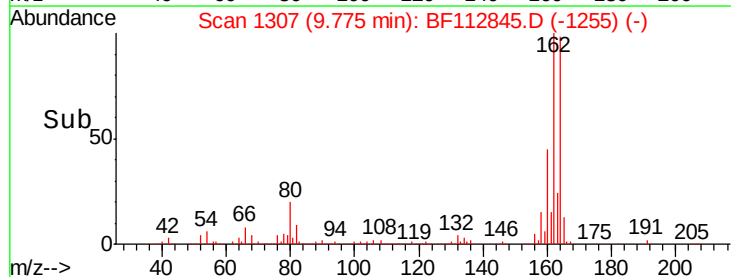
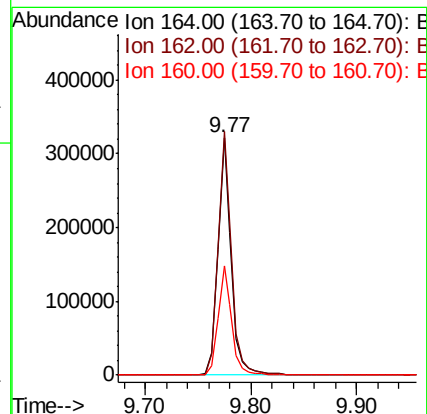
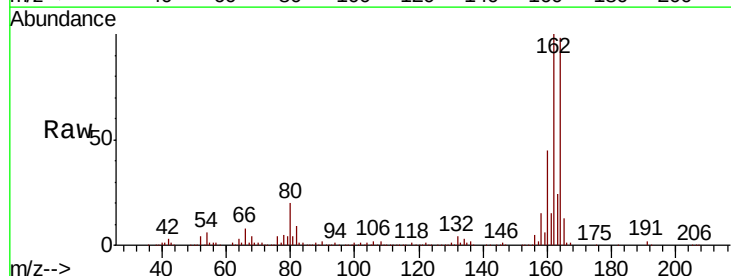
Tgt Ion: 164 Resp: 287493

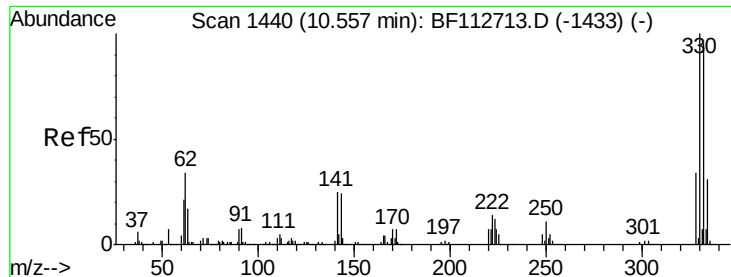
Ion Ratio Lower Upper

164 100

162 102.4 80.6 120.8

160 45.9 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 55.266 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF112845.D

Acq: 5 Mar 2019 4:03

Instrument :

BNA_F

ClientSampleId :

SB-D-5-8RE

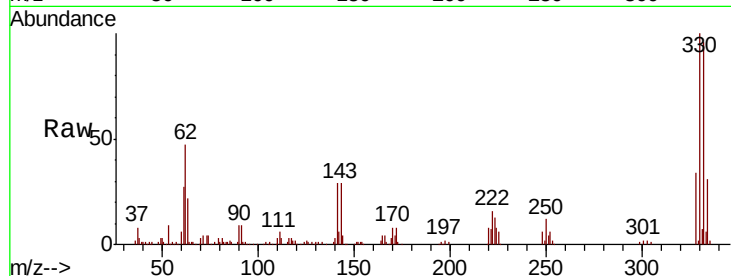
Tgt Ion:330 Resp: 168676

Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

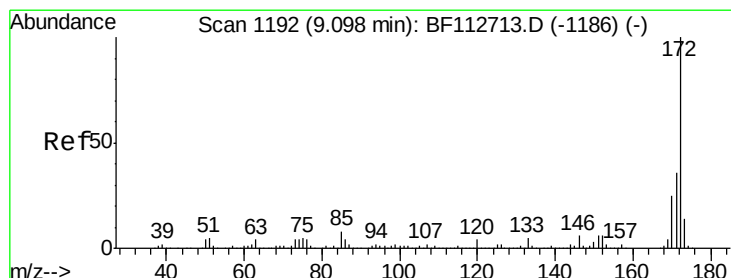
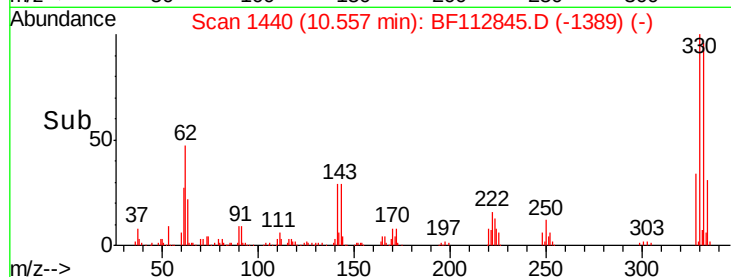
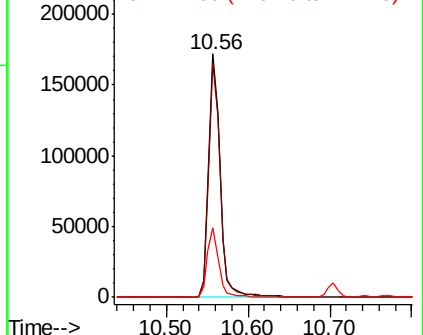
141 28.5 27.0 40.6



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: 33.563 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF112845.D

Acq: 5 Mar 2019 4:03

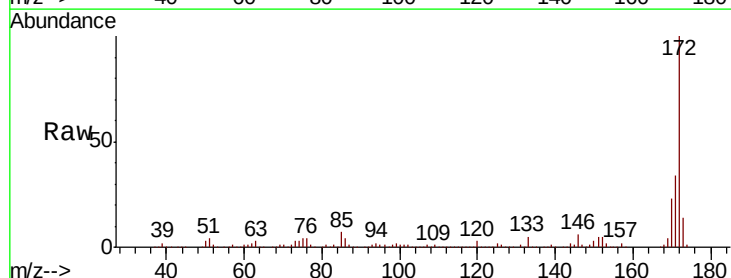
Tgt Ion:172 Resp: 687753

Ion Ratio Lower Upper

172 100

171 34.3 29.0 43.4

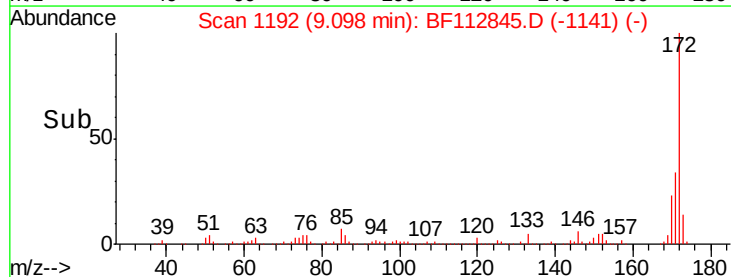
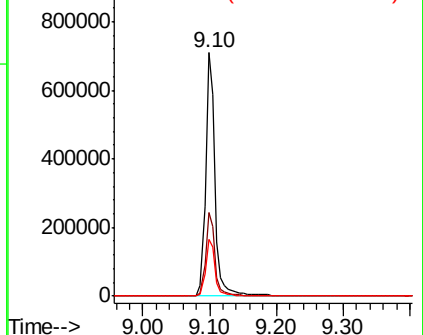
170 23.4 20.0 30.0

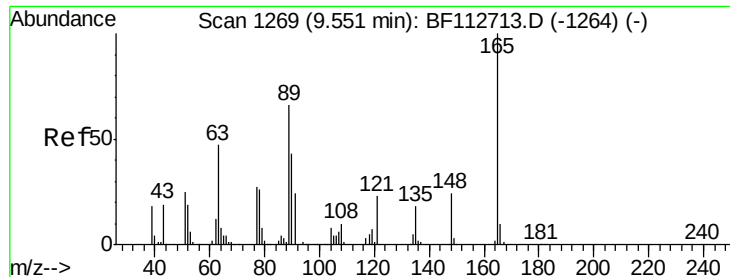


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 9.951 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.22 min

Lab File: BF112845.D

Acq: 5 Mar 2019 4:03

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SB-D-5-8RE

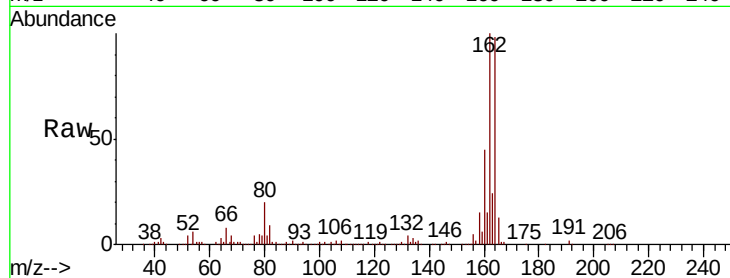
Tgt Ion:165 Resp: 43929

Ion Ratio Lower Upper

165 100

63 1.3 54.1 81.1#

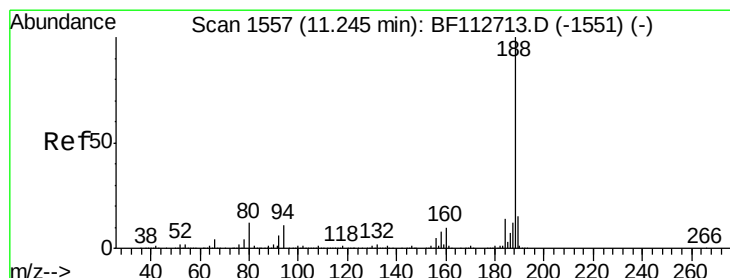
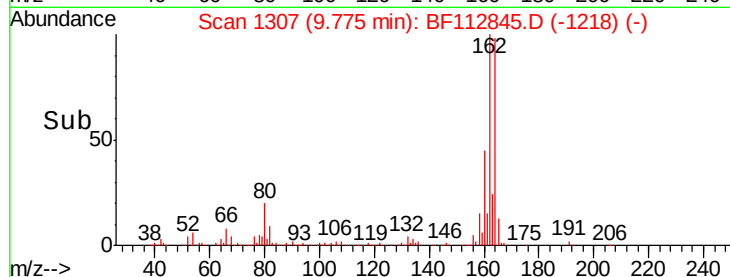
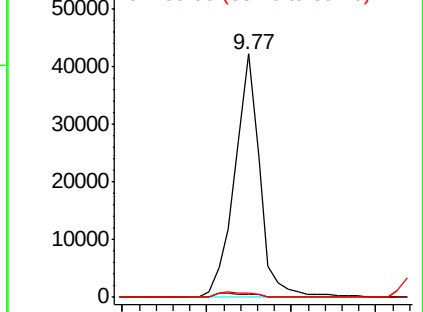
89 1.6 52.8 79.2#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF112845.D

Acq: 5 Mar 2019 4:03

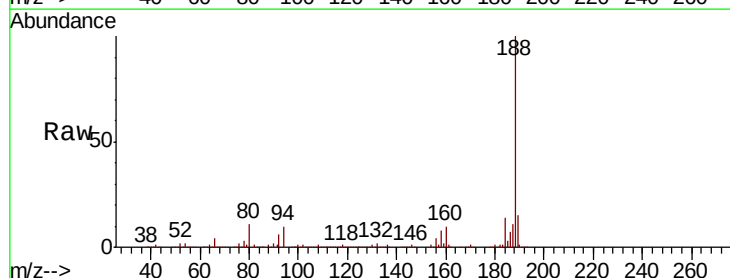
Tgt Ion:188 Resp: 526972

Ion Ratio Lower Upper

188 100

94 10.3 9.0 13.4

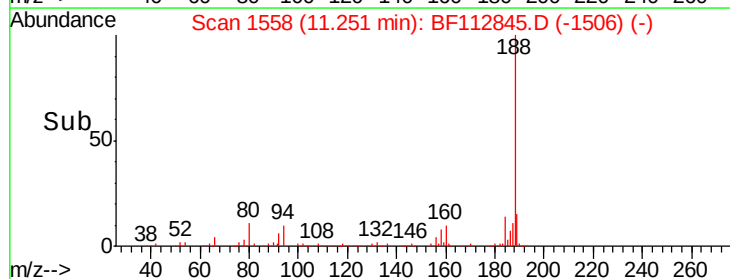
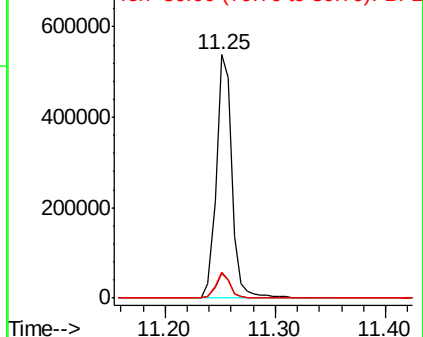
80 10.5 9.2 13.8

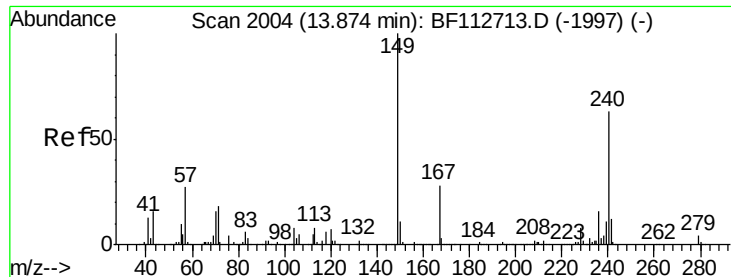


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF112845.D

Acq: 5 Mar 2019 4:03

Instrument :

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SB-D-5-8RE

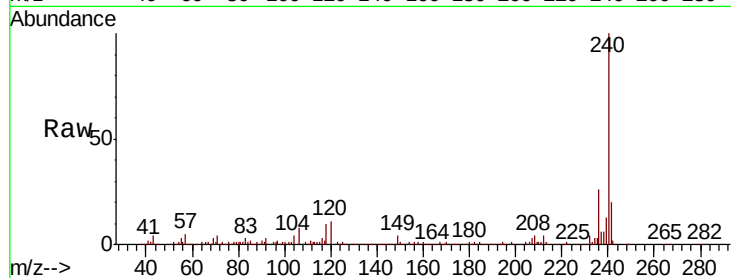
Tgt Ion:240 Resp: 418456

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

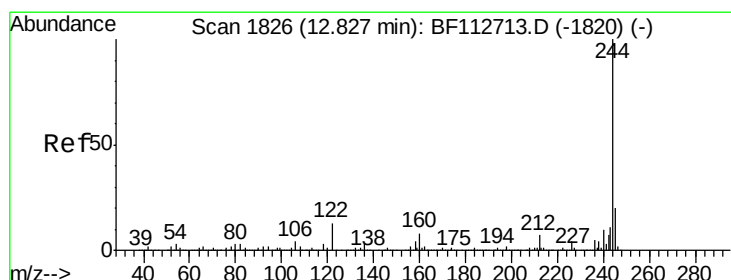
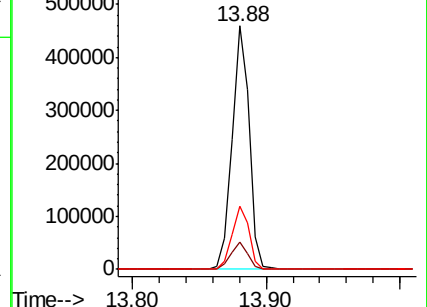
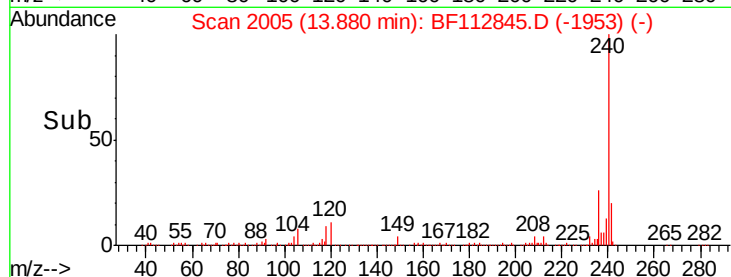
236 26.0 20.7 31.1



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: 33.733 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112845.D

Acq: 5 Mar 2019 4:03

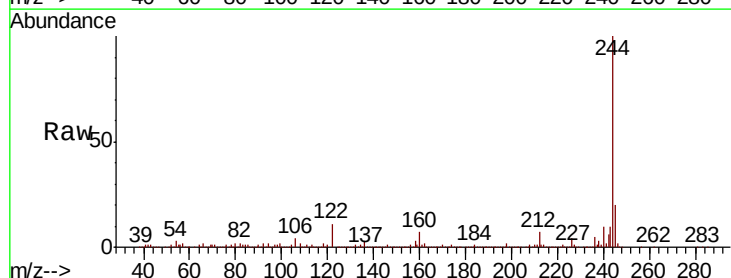
Tgt Ion:244 Resp: 728187

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

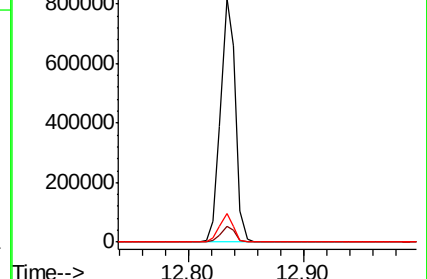
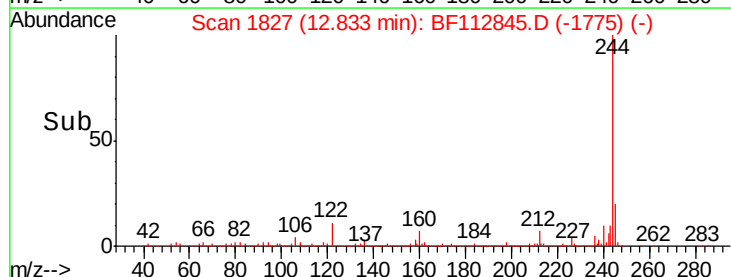
122 11.5 10.5 15.7

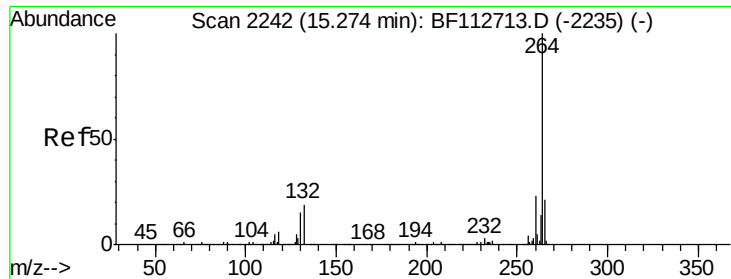


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.02 min
Lab File: BF112845.D
Acq: 5 Mar 2019 4:03

Instrument :
BNA_F
ClientSampleId :
SB-D-5-8RE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.6	17.2	25.8

