

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
 Data File : BF113072.D
 Acq On : 15 Mar 2019 18:13
 Operator : JU/SJ
 Sample : K1685-05 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-031419-C

Quant Time: Mar 15 22:55:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

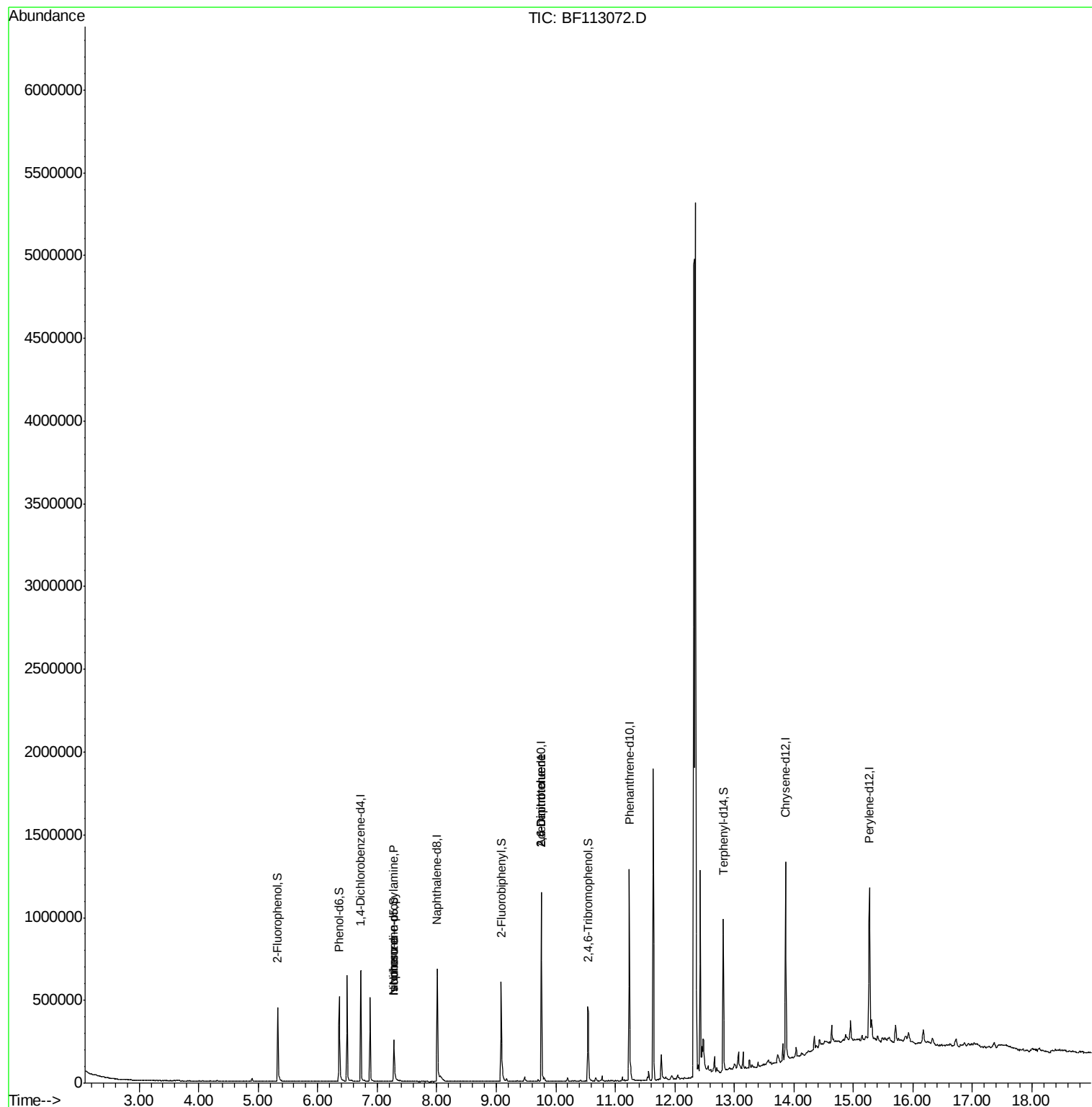
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	113969	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	370220	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	232526	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	514608	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	452335	20.00	ng	0.00
87) Perylene-d12	15.27	264	448949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	153660	20.97	ng	-0.01
7) Phenol-d6	6.36	99	198452	21.56	ng	-0.01
23) Nitrobenzene-d5	7.28	82	103594	16.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	71421	28.93	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	258076	13.98	ng	-0.01
79) Terphenyl-d14	12.82	244	332131	14.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	13500	2.316	ng	# 74
25) Isophorone	7.28	82	103592	7.772	ng	# 66
51) 2,6-Dinitrotoluene	9.76	165	29211	8.182	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	29211	6.582	ng	# 18

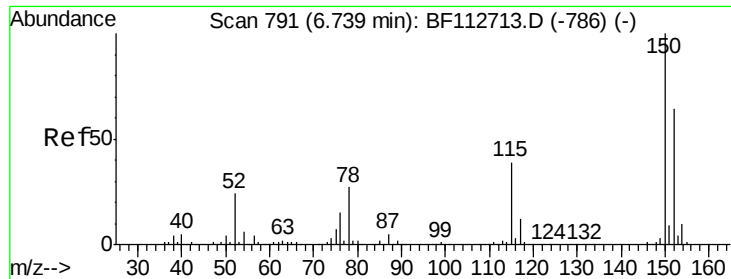
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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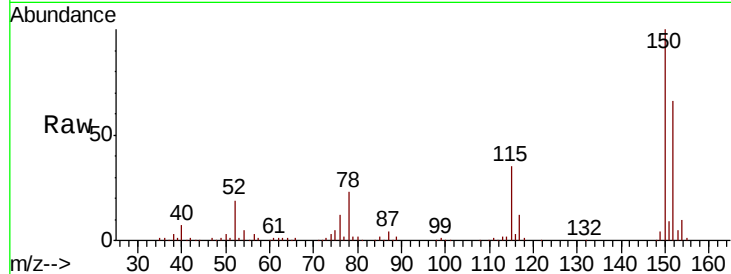


#1

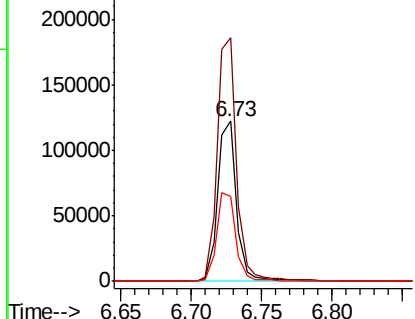
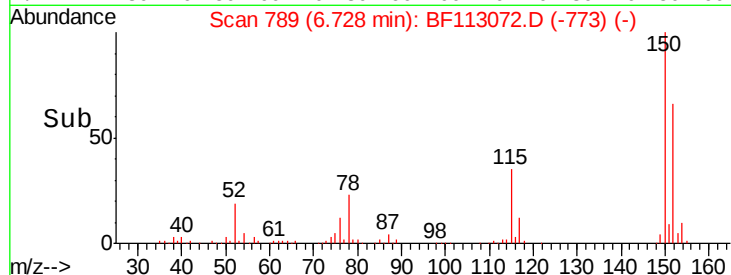
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113072.D
Acq: 15 Mar 2019 18:13

Instrument :
BNA_F
ClientSampleId :
AU-05-031419-C

Tgt Ion:152 Resp: 113969
Ion Ratio Lower Upper
152 100
150 152.2 124.2 186.2
115 52.7 48.2 72.4



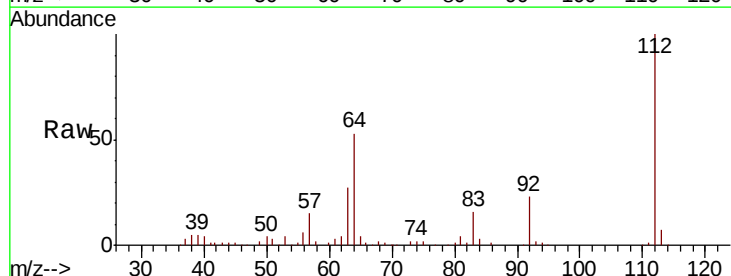
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



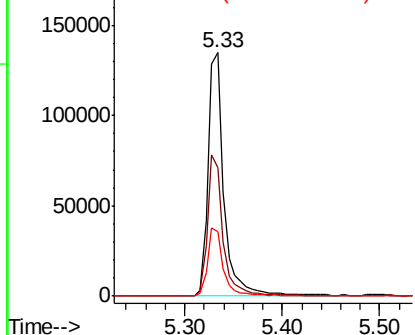
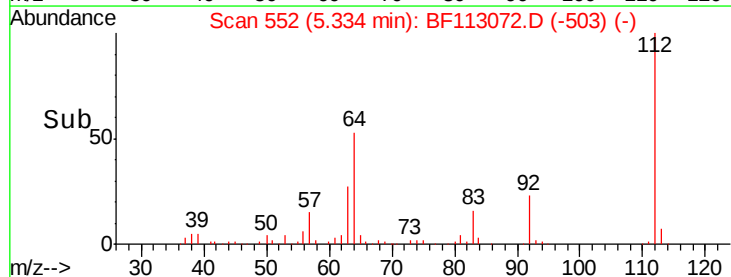
#5

2-Fluorophenol
Concen: 20.973 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113072.D
Acq: 15 Mar 2019 18:13

Tgt Ion:112 Resp: 153660
Ion Ratio Lower Upper
112 100
64 53.0 47.6 71.4
63 26.7 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: 21.563 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113072.D

Acq: 15 Mar 2019 18:13

Instrument :

BNA_F

ClientSampleId :

AU-05-031419-C

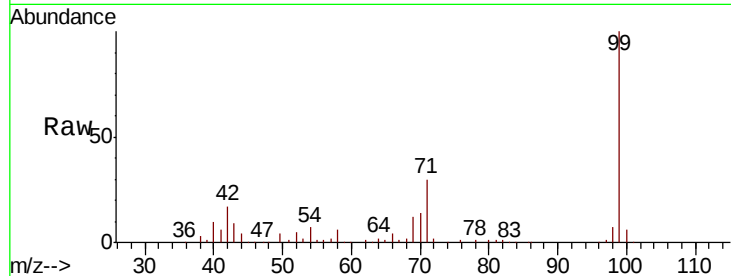
Tgt Ion: 99 Resp: 198452

Ion Ratio Lower Upper

99 100

42 17.2 16.3 24.5

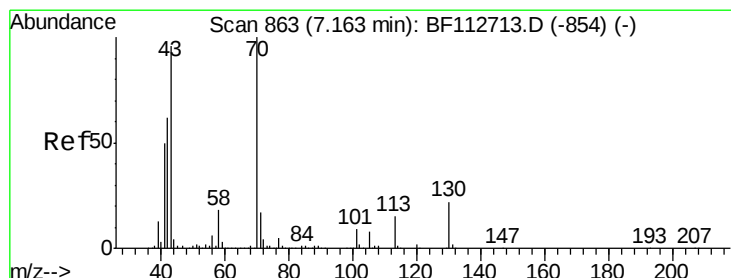
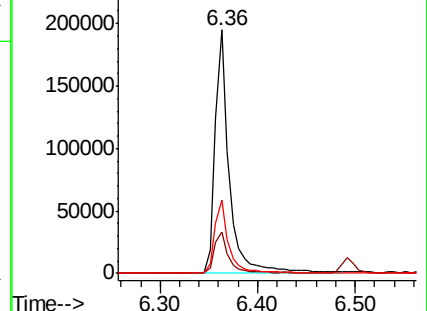
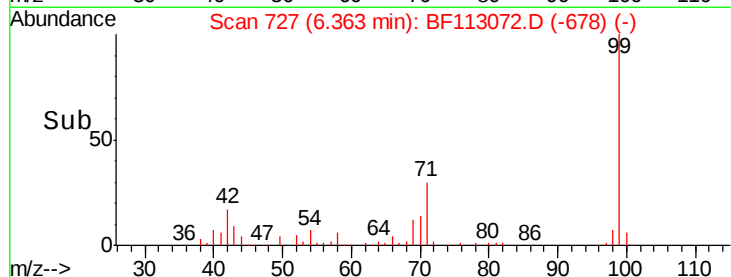
71 30.1 26.2 39.4



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: 2.316 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.12 min

Lab File: BF113072.D

Acq: 15 Mar 2019 18:13

Tgt Ion: 70 Resp: 13500

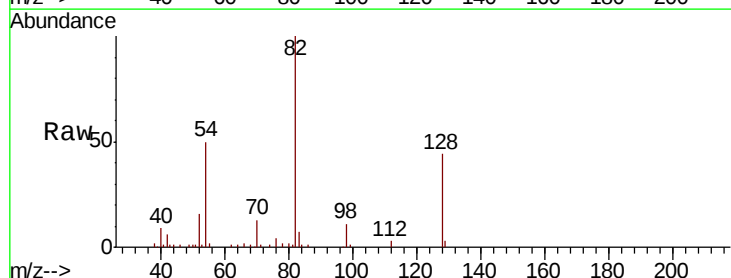
Ion Ratio Lower Upper

70 100

42 47.2 49.9 74.9#

101 0.0 7.4 11.2#

130 0.0 17.4 26.2#

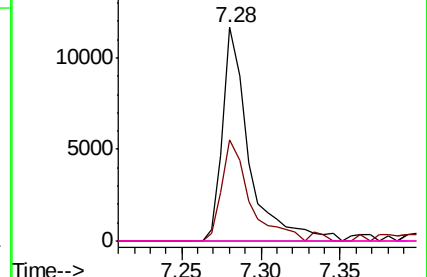
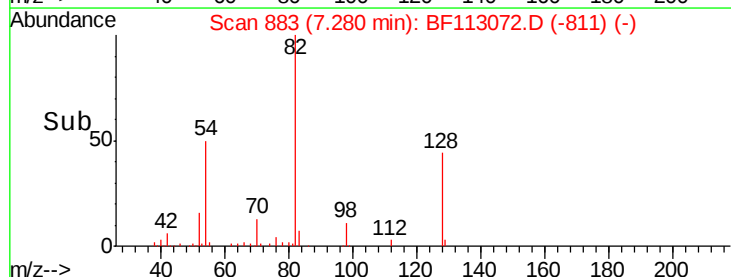


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

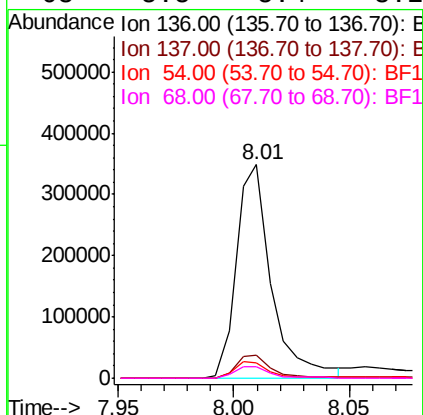
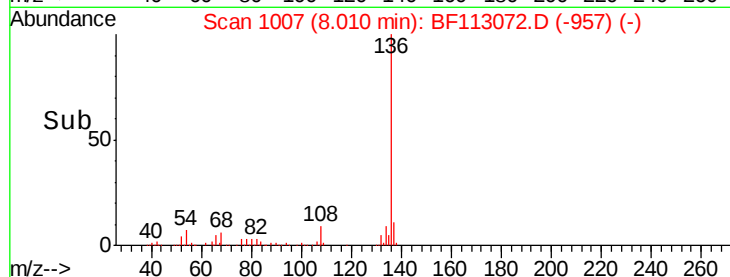
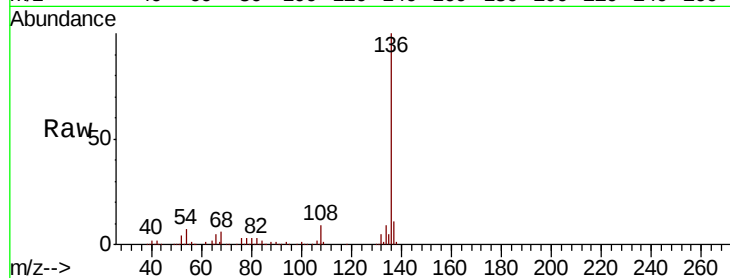




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113072.D
Acq: 15 Mar 2019 18:13

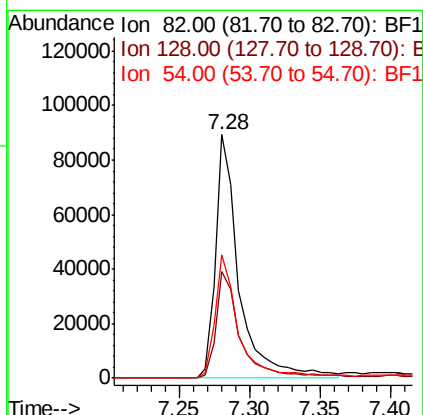
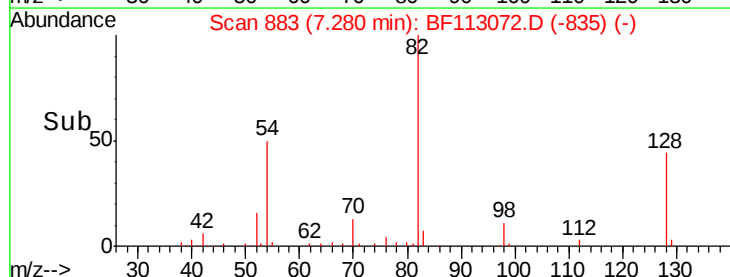
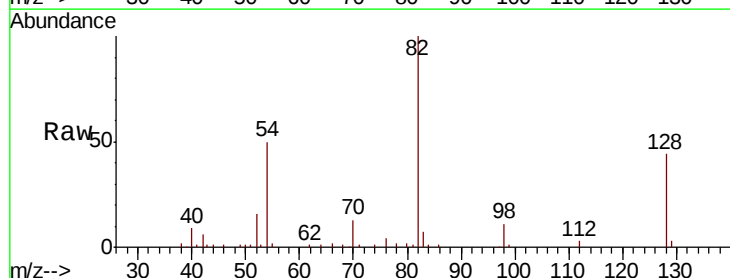
Instrument :
BNA_F
ClientSampleId :
AU-05-031419-C

Tgt Ion:	136	Resp:	370220
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.3	7.3	10.9
68	5.5	5.4	8.2



#23
Nitrobenzene-d5
Concen: 16.744 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113072.D
Acq: 15 Mar 2019 18:13

Tgt Ion:	82	Resp:	103594
Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.3	54.5
54	50.5	43.7	65.5





#25

Isophorone

Concen: 7.772 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.28 min

Lab File: BF113072.D

Acq: 15 Mar 2019 18:13

Instrument :

BNA_F

ClientSampleId :

AU-05-031419-C

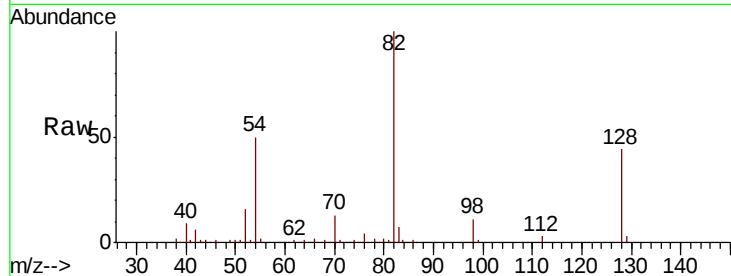
Tgt Ion: 82 Resp: 103592

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

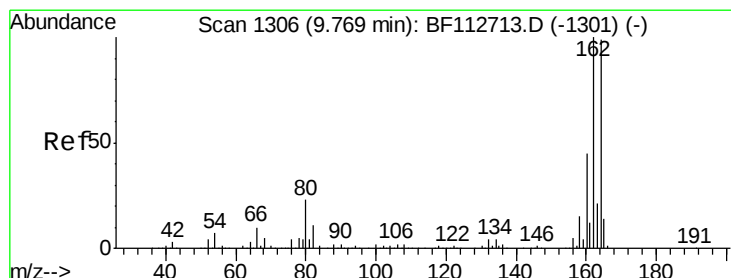
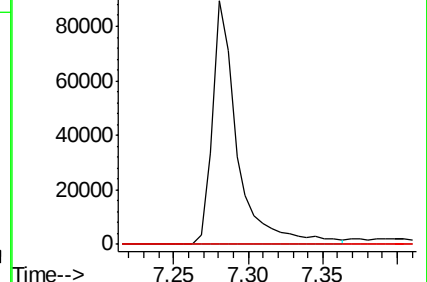
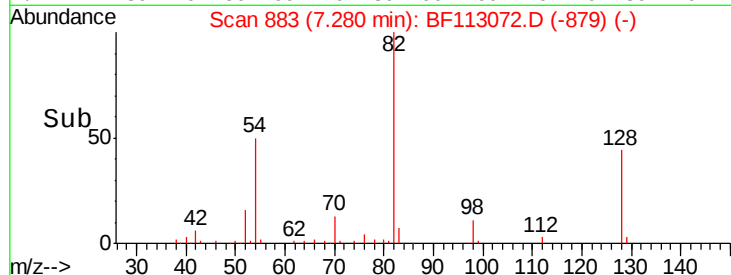
138 0.0 13.8 20.8#



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# 1304

Delta R.T. -0.01 min

Lab File: BF113072.D

Acq: 15 Mar 2019 18:13

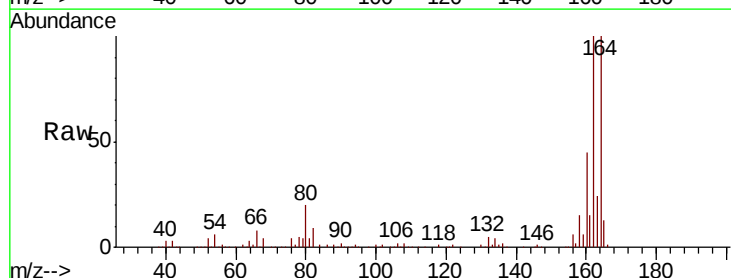
Tgt Ion: 164 Resp: 232526

Ion Ratio Lower Upper

164 100

162 100.4 80.6 120.8

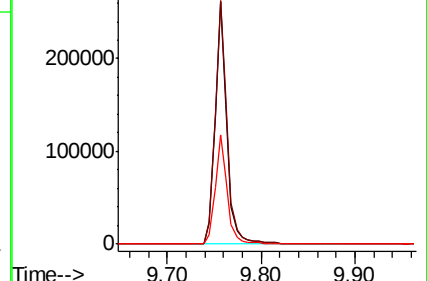
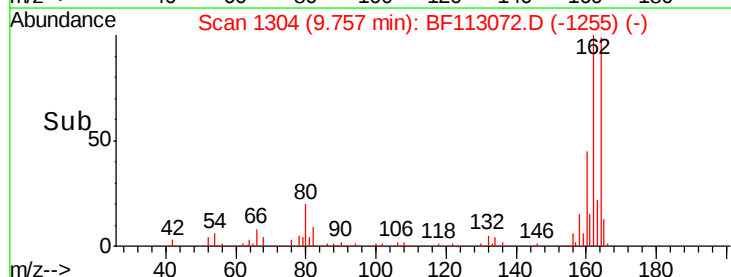
160 45.0 36.0 54.0

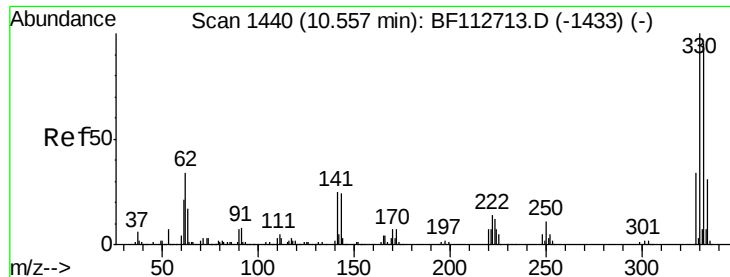


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 28.932 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF113072.D

Acq: 15 Mar 2019 18:13

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AU-05-031419-C

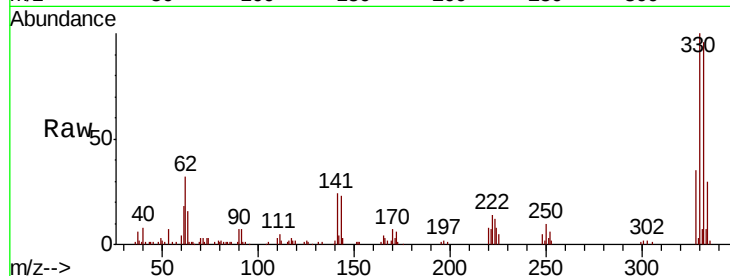
Tgt Ion:330 Resp: 71421

Ion Ratio Lower Upper

330 100

332 98.3 76.2 114.4

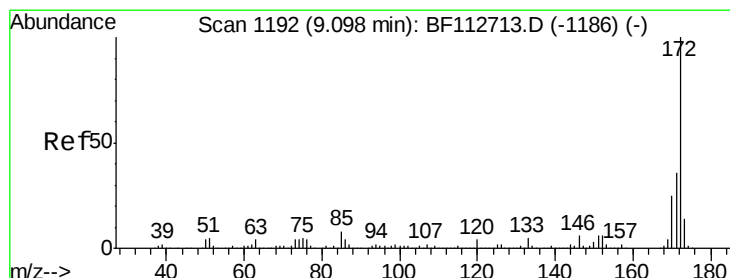
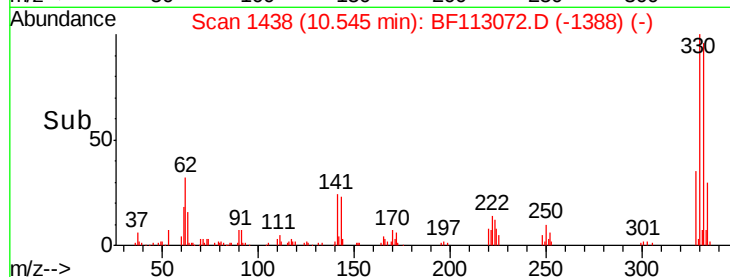
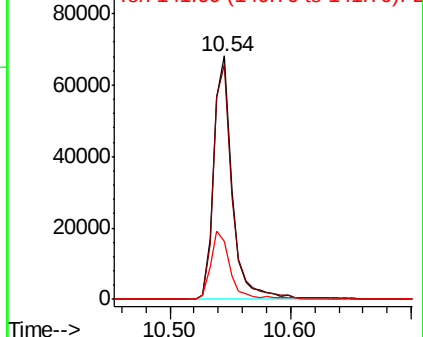
141 29.4 27.0 40.6



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: 13.984 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF113072.D

Acq: 15 Mar 2019 18:13

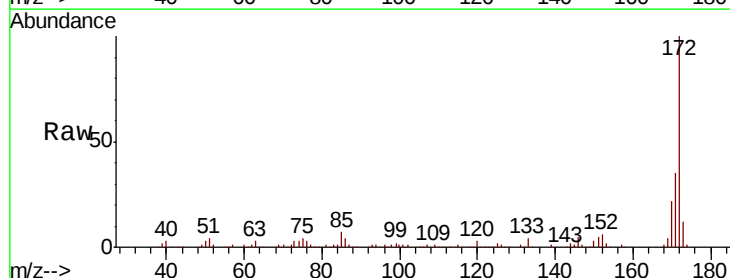
Tgt Ion:172 Resp: 258076

Ion Ratio Lower Upper

172 100

171 34.7 29.0 43.4

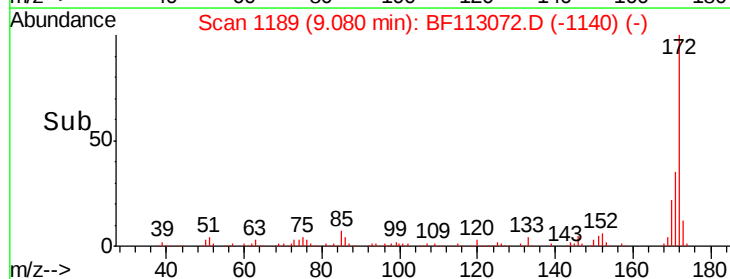
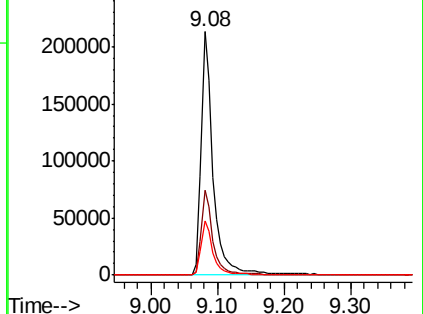
170 22.5 20.0 30.0

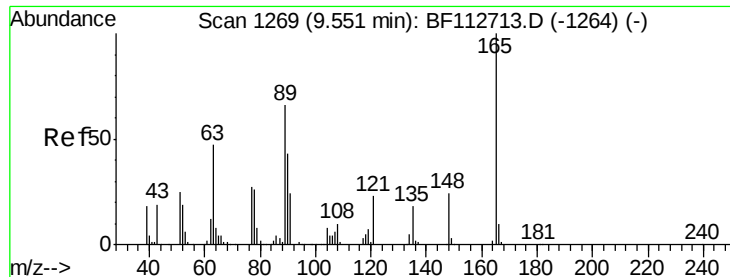


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

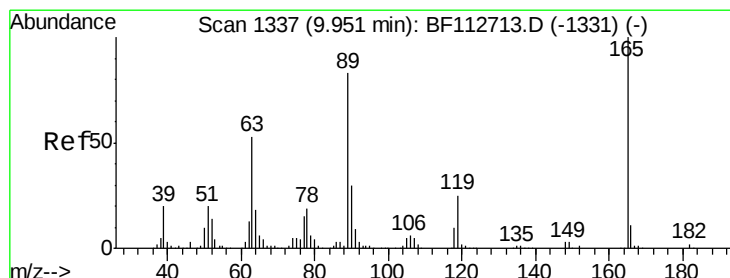
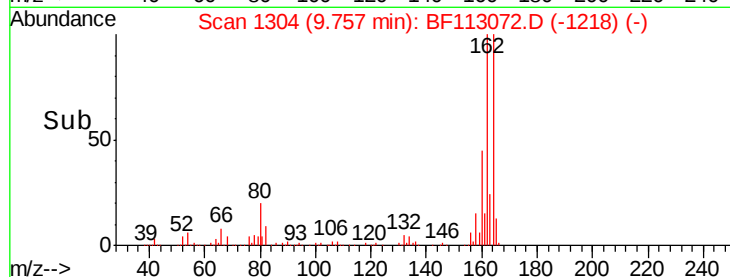
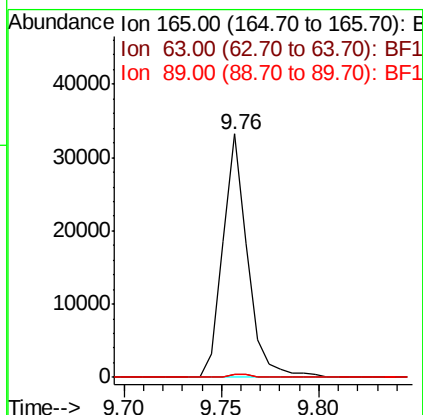
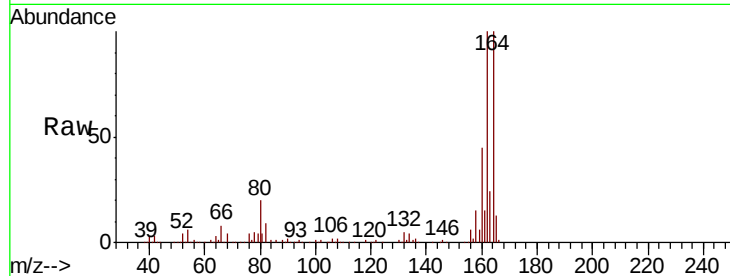




#51
2,6-Dinitrotoluene
Concen: 8.182 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF113072.D
Acq: 15 Mar 2019 18:13

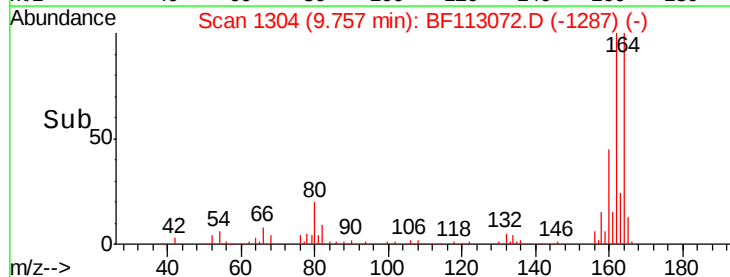
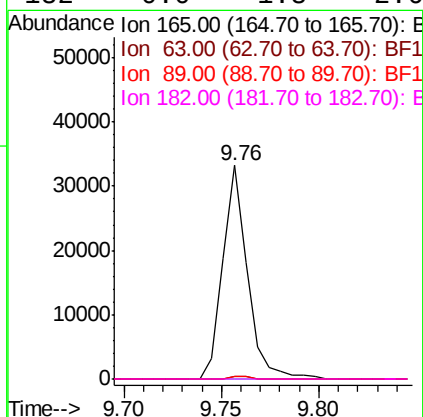
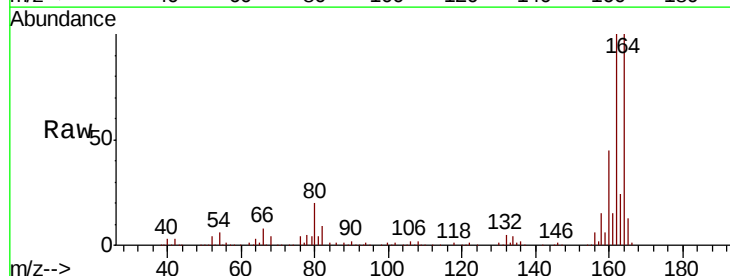
Instrument :
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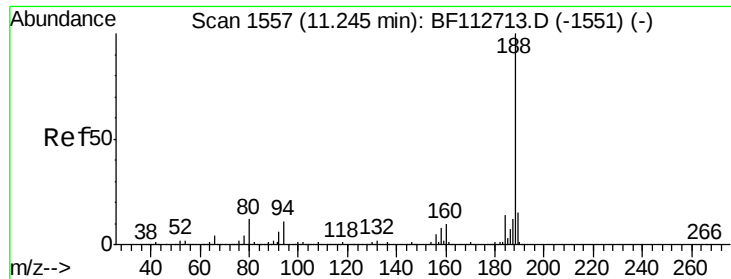
Tgt Ion:165 Resp: 29211
Ion Ratio Lower Upper
165 100
63 1.3 54.1 81.1#
89 1.2 52.8 79.2#



#57
2,4-Dinitrotoluene
Concen: 6.582 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113072.D
Acq: 15 Mar 2019 18:13

Tgt Ion:165 Resp: 29211
Ion Ratio Lower Upper
165 100
63 1.3 42.2 63.2#
89 1.2 66.2 99.4#
182 0.0 1.8 2.6#

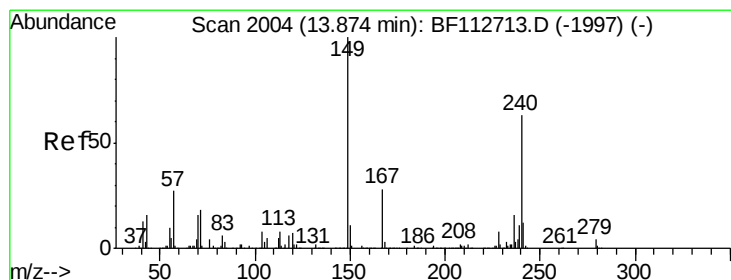
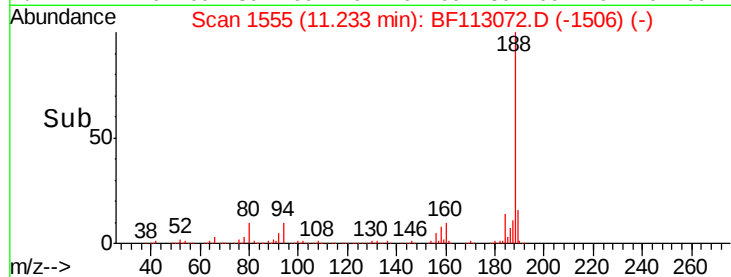
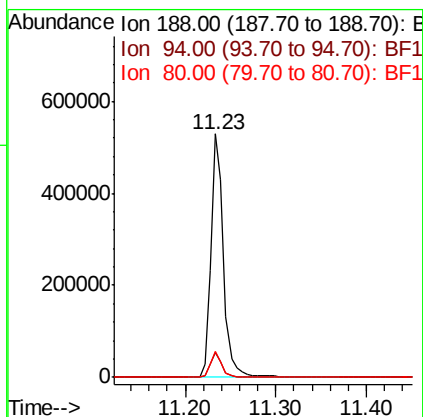
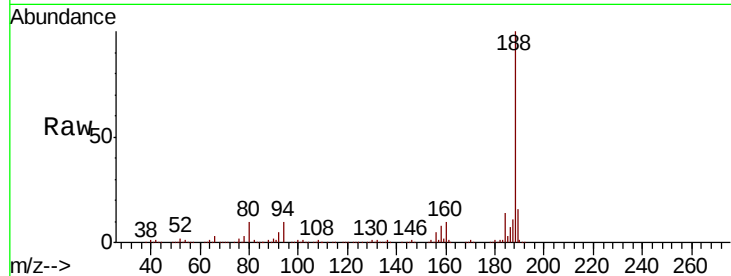




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113072.D
Acq: 15 Mar 2019 18:13

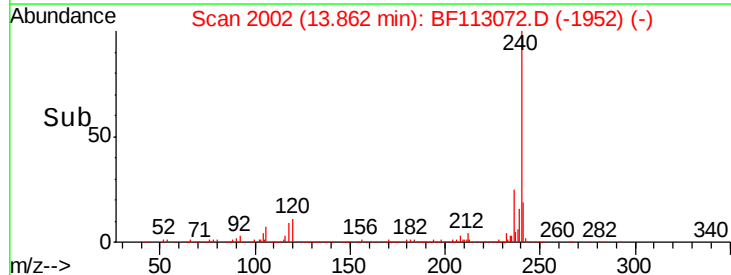
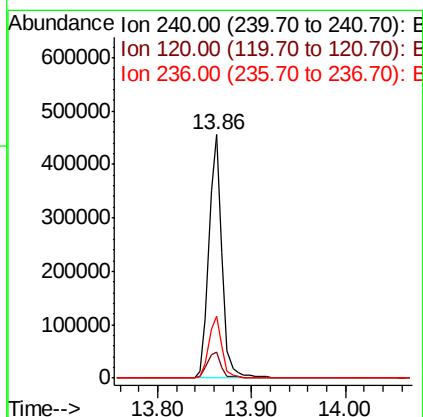
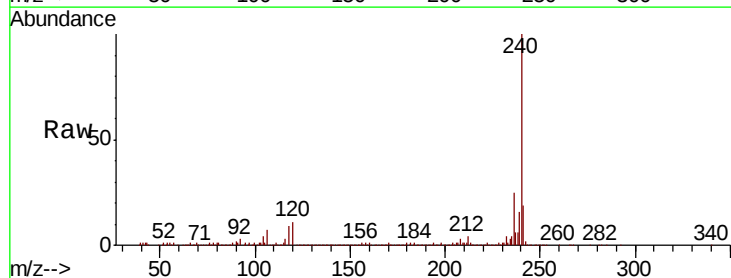
Instrument :
BNA_F
ClientSampleId :
AU-05-031419-C

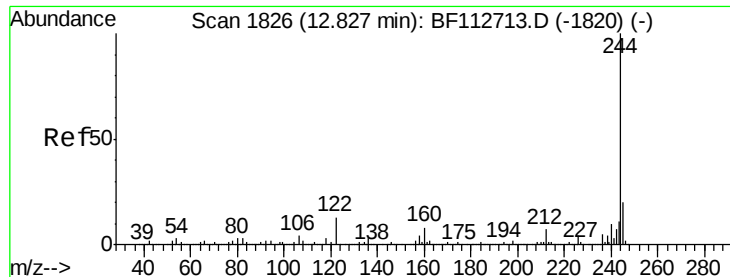
Tgt Ion:188 Resp: 514608
Ion Ratio Lower Upper
188 100
94 10.2 9.0 13.4
80 10.5 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113072.D
Acq: 15 Mar 2019 18:13

Tgt Ion:240 Resp: 452335
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 14.234 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113072.D

Acq: 15 Mar 2019 18:13

Instrument :

BNA_F

ClientSampleId :

AU-05-031419-C

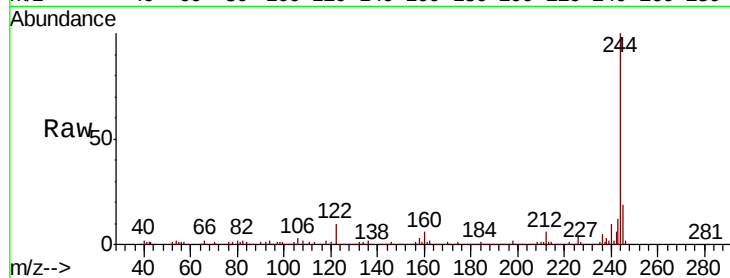
Tgt Ion:244 Resp: 332131

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

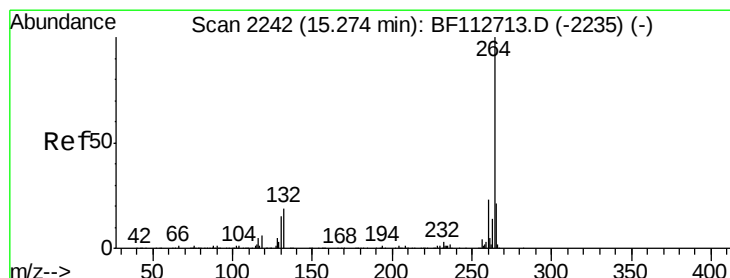
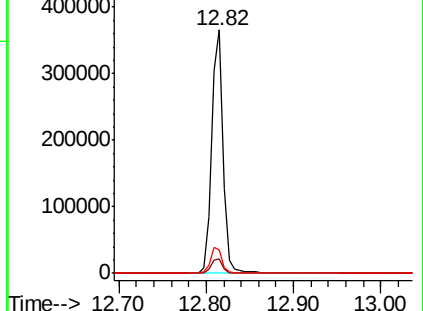
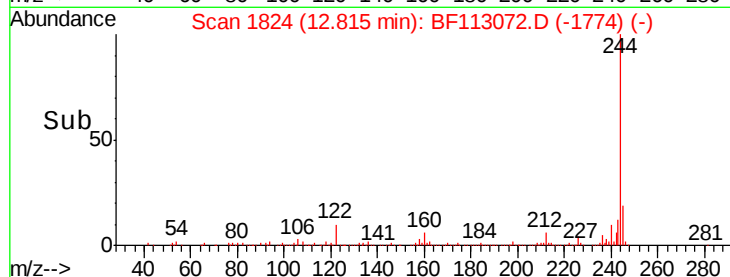
122 9.7 10.5 15.7#



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113072.D

Acq: 15 Mar 2019 18:13

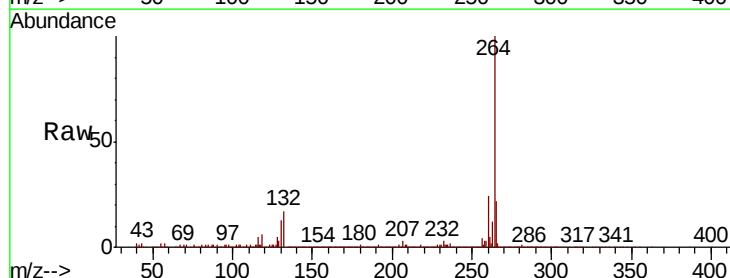
Tgt Ion:264 Resp: 448949

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.5 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

