

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
 Data File : BF112762.D
 Acq On : 28 Feb 2019 15:09
 Operator : JU/SJ
 Sample : K1341-07 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-022719-A

Quant Time: Mar 01 15:29:14 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 15:09:35 2019
 Response via : Initial Calibration

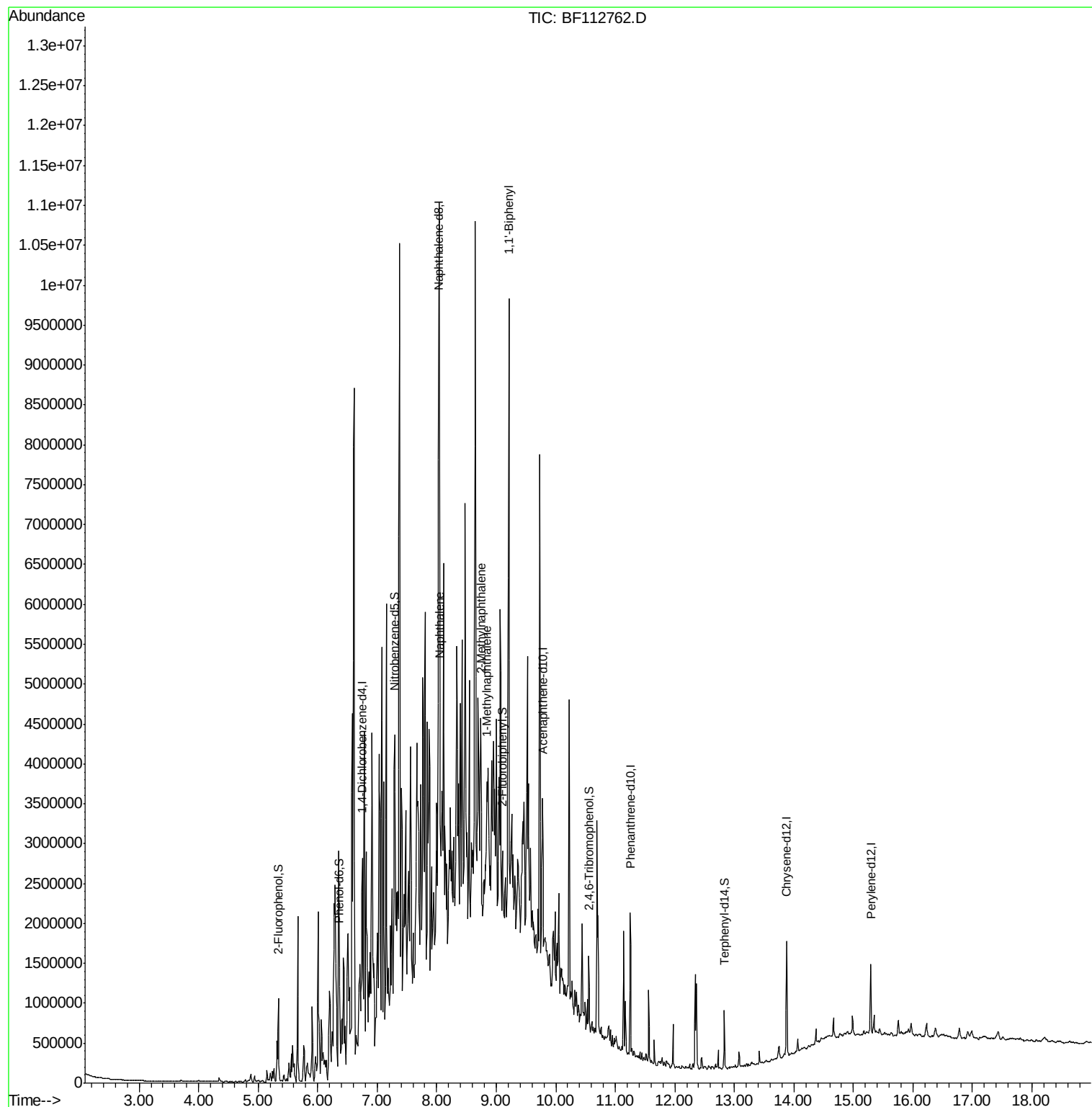
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	198183	20.00	ng	0.01
21) Naphthalene-d8	8.03	136	513781	20.00	ng	0.01
39) Acenaphthene-d10	9.78	164	328630	20.00	ng	0.01
64) Phenanthrene-d10	11.25	188	654865	20.00	ng	0.00
76) Chrysene-d12	13.88	240	513817	20.00	ng	0.00
87) Perylene-d12	15.29	264	400882	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	185218	14.54	ng	0.00
7) Phenol-d6	6.37	99	248202	15.51	ng	0.00
23) Nitrobenzene-d5	7.30	82	219962	25.62	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	55244	15.83	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	250413	9.00	ng	0.00
79) Terphenyl-d14	12.83	244	258101	9.74	ng	0.00
Target Compounds						
31) Naphthalene	8.06	128	313007	12.271	ng	Qvalue # 93
37) 2-Methylnaphthalene	8.75	142	490474	29.775	ng	99
38) 1-Methylnaphthalene	8.85	142	334314	20.951	ng	# 100
46) 1,1'-Biphenyl	9.20	154	139469	5.203	ng	96

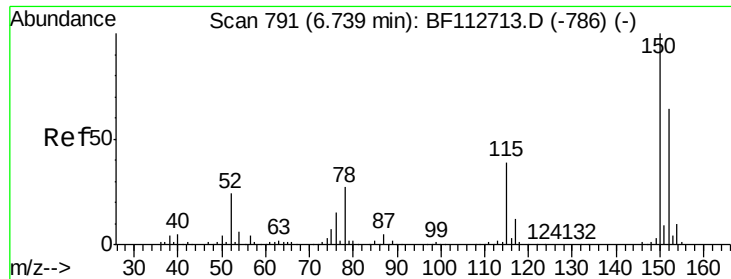
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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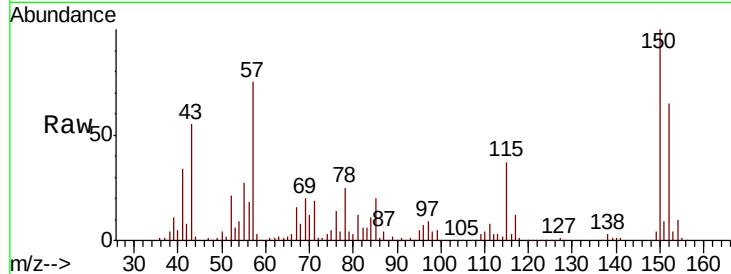


#1

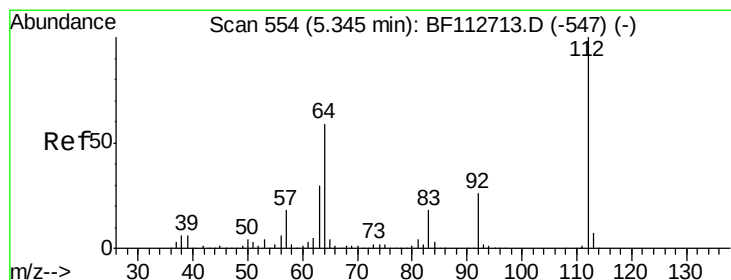
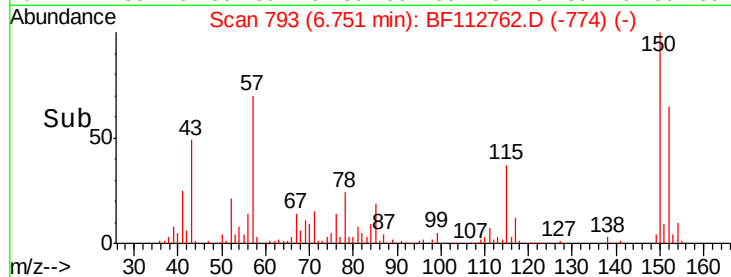
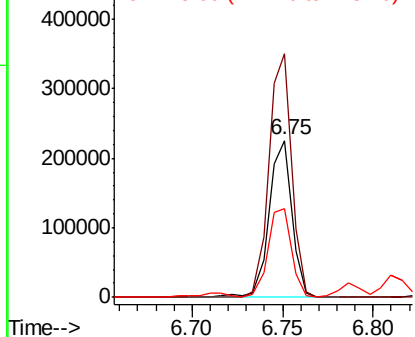
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF112762.D
Acq: 28 Feb 2019 15:09

Instrument :
BNA_F
ClientSampleId :
HR-06-022719-A

Tot Ion:152 Resp: 198183
Ion Ratio Lower Upper
152 100
150 155.0 124.2 186.2
115 56.7 48.2 72.4



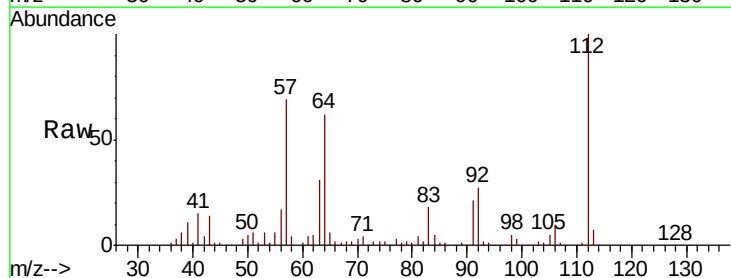
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



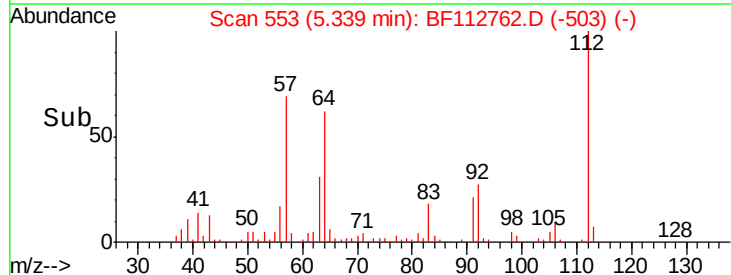
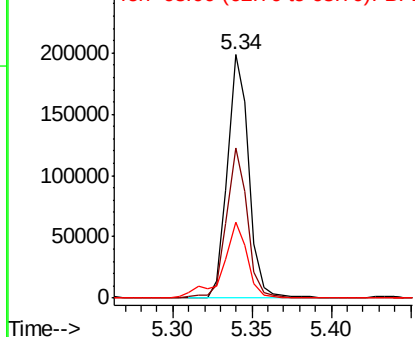
#5

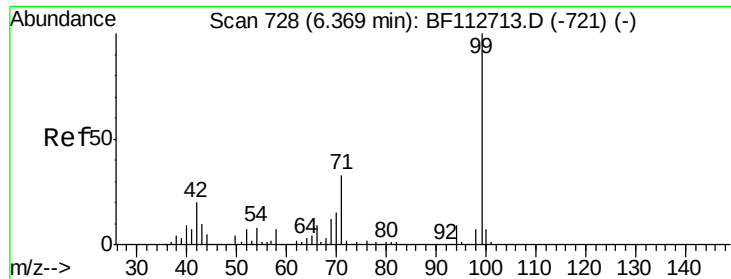
2-Fluorophenol
Concen: 14.538 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112762.D
Acq: 28 Feb 2019 15:09

Tgt Ion:112 Resp: 185218
Ion Ratio Lower Upper
112 100
64 61.9 47.6 71.4
63 31.4 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: 15.509 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112762.D

Acq: 28 Feb 2019 15:09

Instrument :

BNA_F

ClientSampleId :

HR-06-022719-A

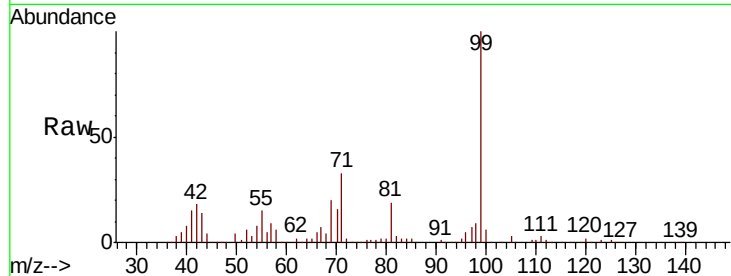
Tot Ion: 99 Resp: 248202

Ion Ratio Lower Upper

99 100

42 18.4 16.3 24.5

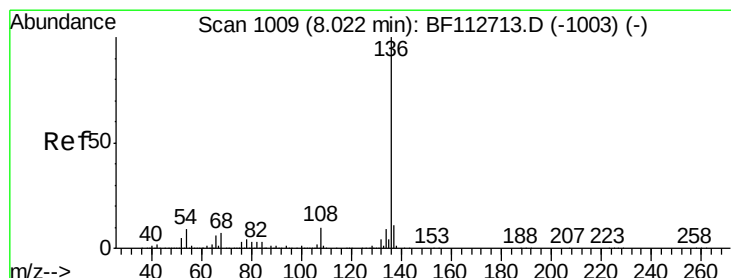
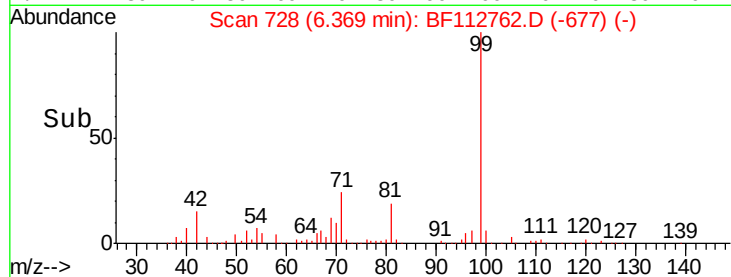
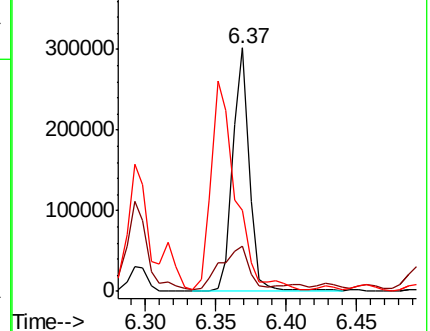
71 33.2 26.2 39.4



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: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF112762.D

Acq: 28 Feb 2019 15:09

Tgt Ion: 136 Resp: 513781

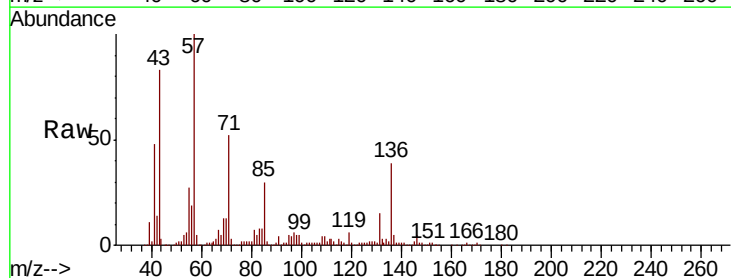
Ion Ratio Lower Upper

136 100

137 12.6 8.9 13.3

54 15.5 7.3 10.9#

68 11.8 5.4 8.2#

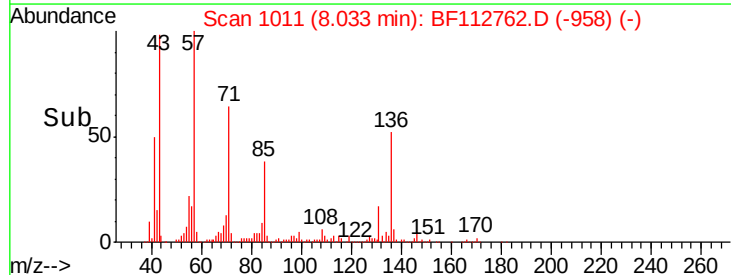
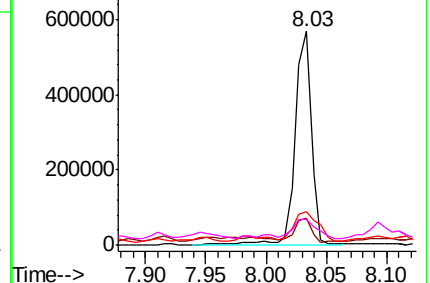


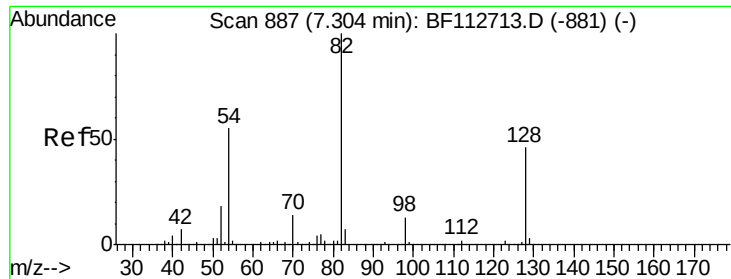
Abundance Ion 136.00 (135.70 to 136.70): E

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

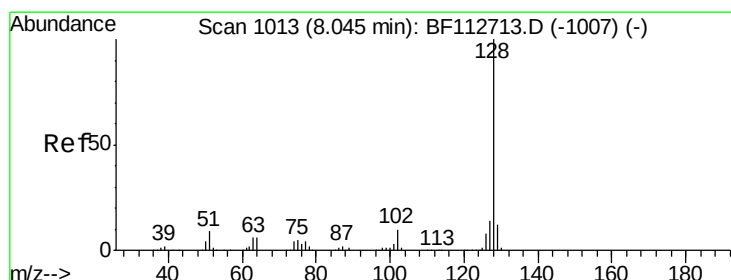
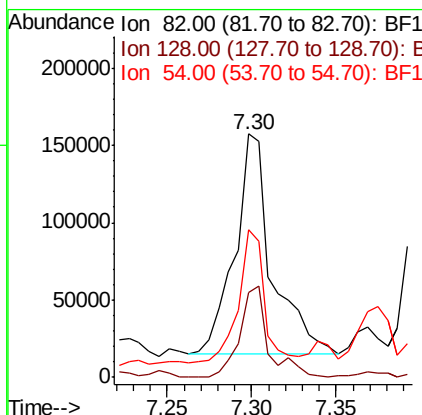
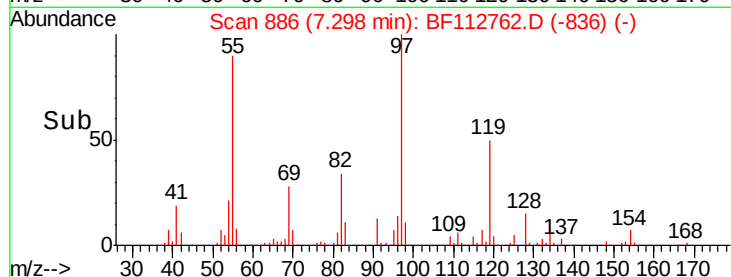
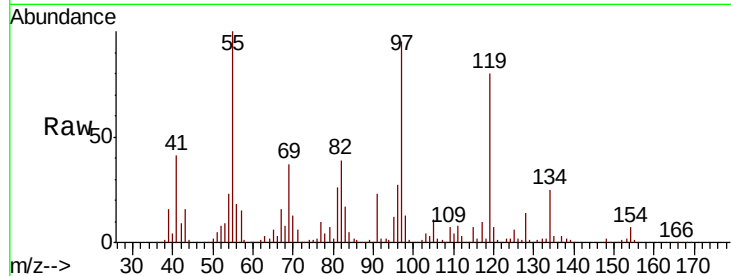




#23
Nitrobenzene-d5
Concen: 25.618 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112762.D
Acq: 28 Feb 2019 15:09

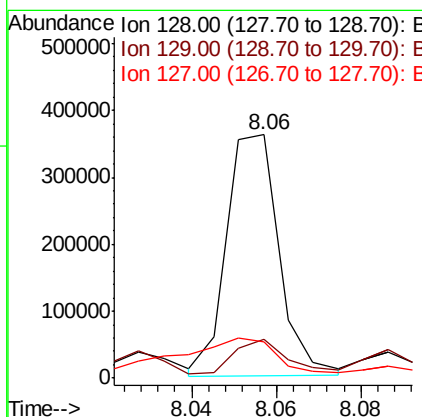
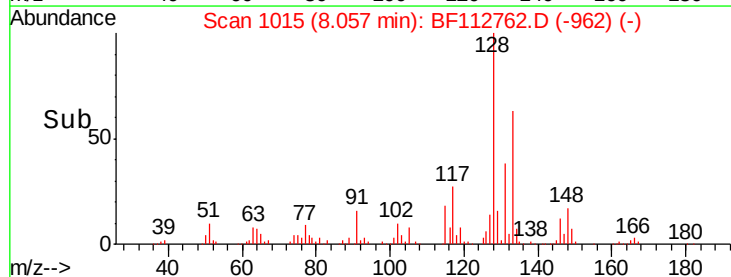
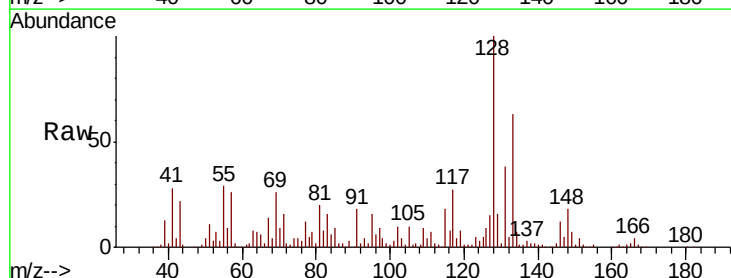
Instrument :
BNA_F
ClientSampleId :
HR-06-022719-A

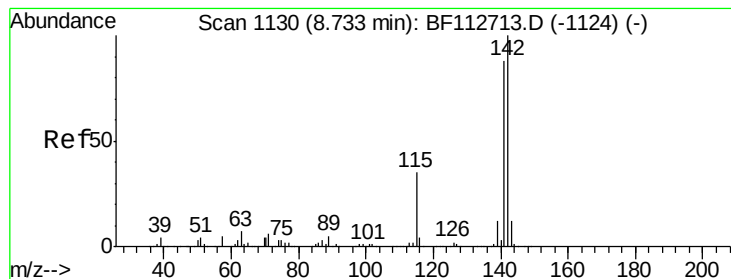
Tot Ion	82	Resp	219962
Ion Ratio	Lower	Upper	
82	100		
128	35.1	36.3	54.5#
54	60.8	43.7	65.5



#31
Naphthalene
Concen: 12.271 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF112762.D
Acq: 28 Feb 2019 15:09

Tgt Ion	128	Resp	313007
Ion Ratio	Lower	Upper	
128	100		
129	15.8	9.3	13.9#
127	14.8	10.9	16.3





#37

2-Methylnaphthalene

Concen: 29.775 ng

RT: 8.75 min Scan# 1132

Delta R.T. 0.01 min

Lab File: BF112762.D

Acq: 28 Feb 2019 15:09

Instrument :

BNA_F

ClientSampleId :

HR-06-022719-A

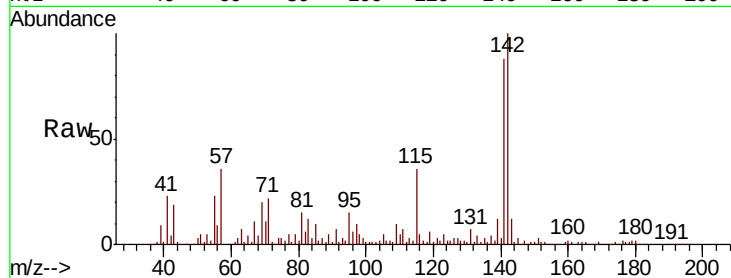
Tot Ion:142 Resp: 490474

Ion Ratio Lower Upper

142 100

141 87.7 70.3 105.5

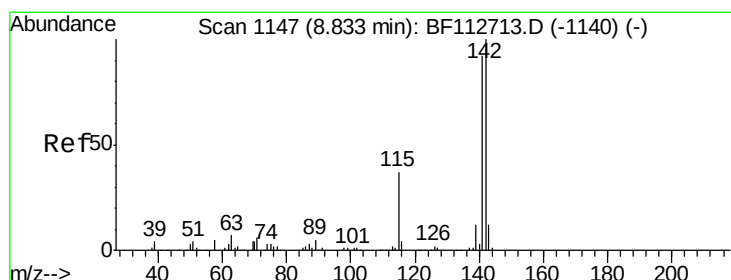
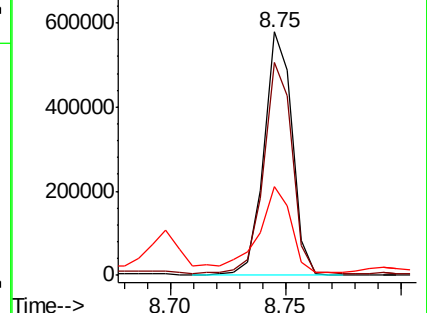
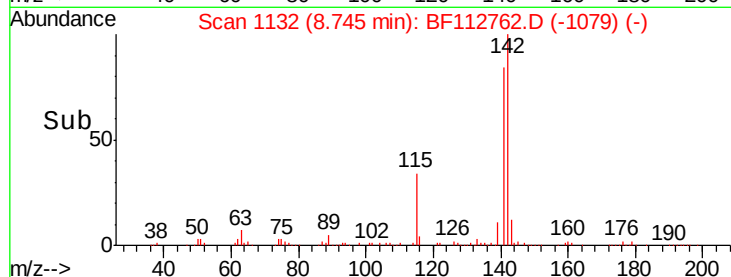
115 36.3 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 20.951 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF112762.D

Acq: 28 Feb 2019 15:09

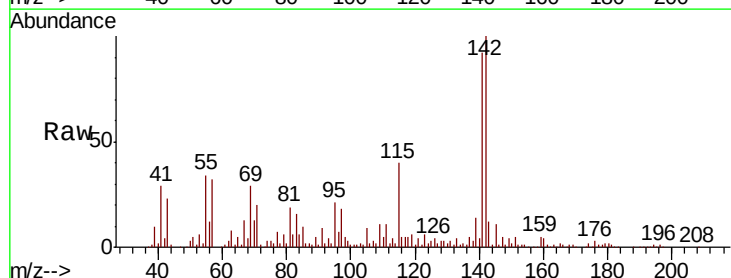
Tgt Ion:142 Resp: 334314

Ion Ratio Lower Upper

142 100

141 92.0 73.7 110.5

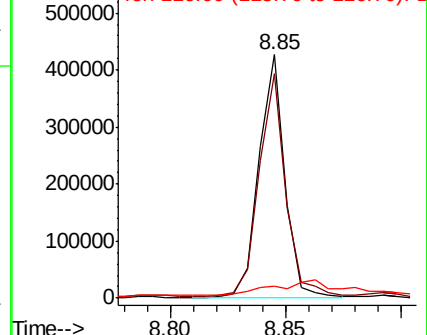
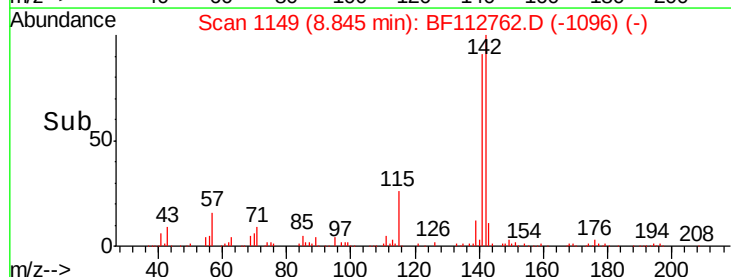
116 5.0 3.1 4.7#

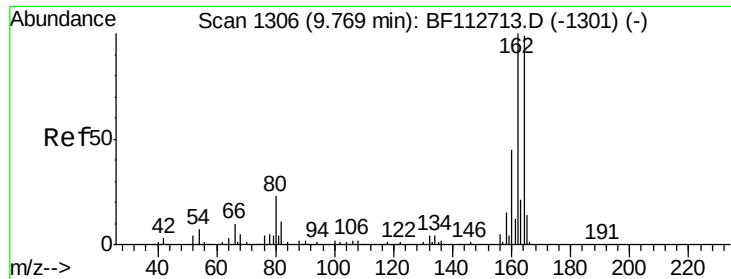


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF112762.D

Acq: 28 Feb 2019 15:09

Instrument :

BNA_F

ClientSampleId :

HR-06-022719-A

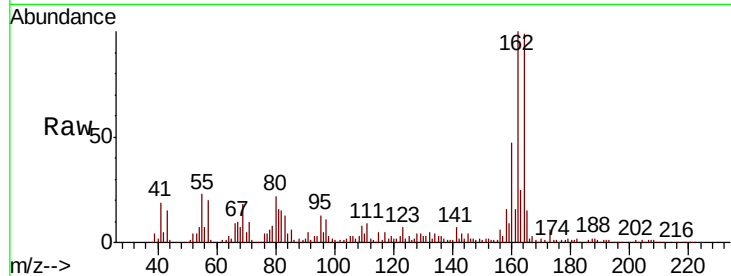
Tot Ion:164 Resp: 328630

Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

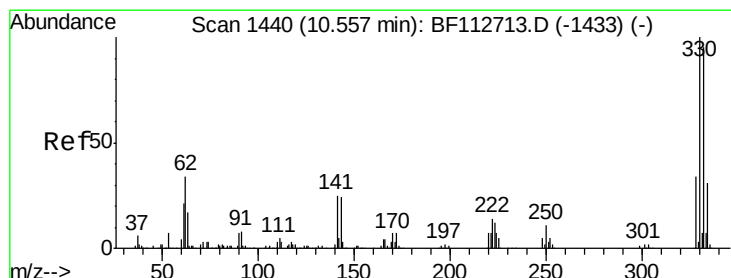
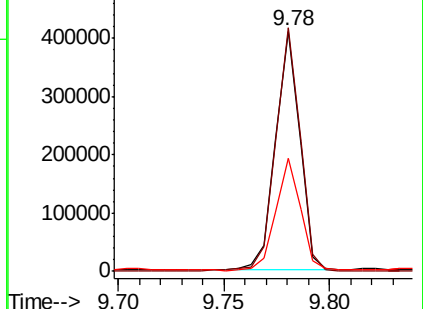
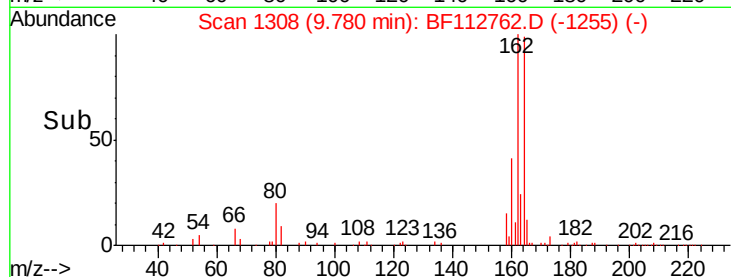
160 47.3 36.0 54.0



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: 15.835 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF112762.D

Acq: 28 Feb 2019 15:09

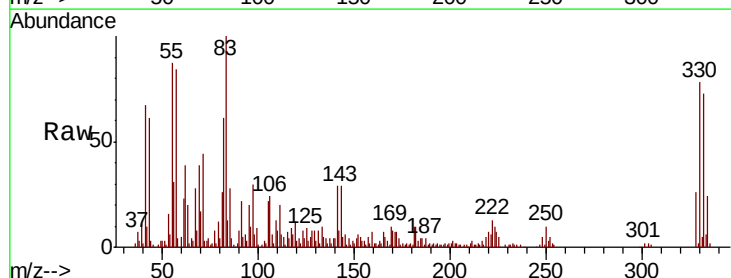
Tgt Ion:330 Resp: 55244

Ion Ratio Lower Upper

330 100

332 95.4 76.2 114.4

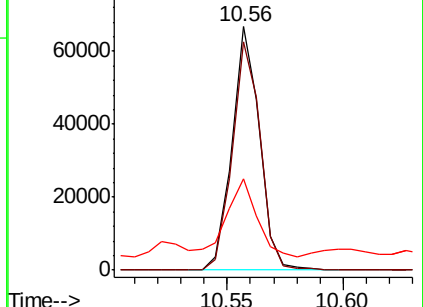
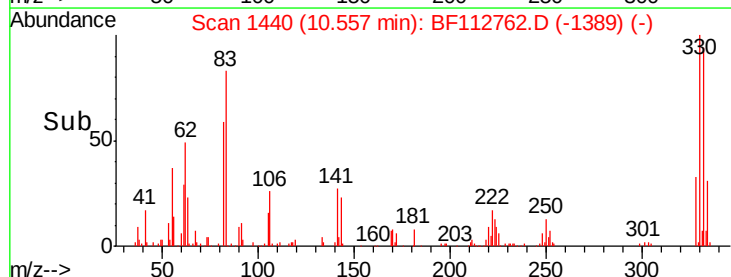
141 35.8 27.0 40.6

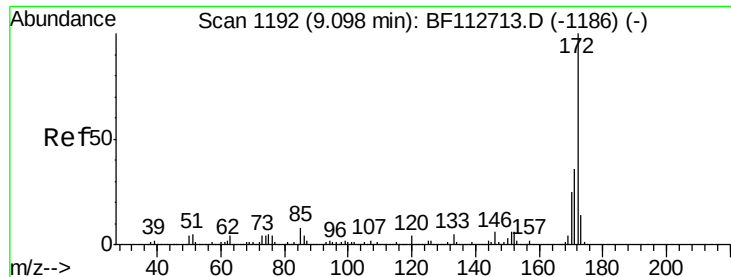


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

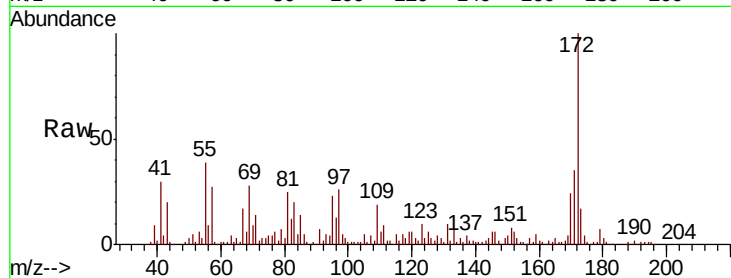




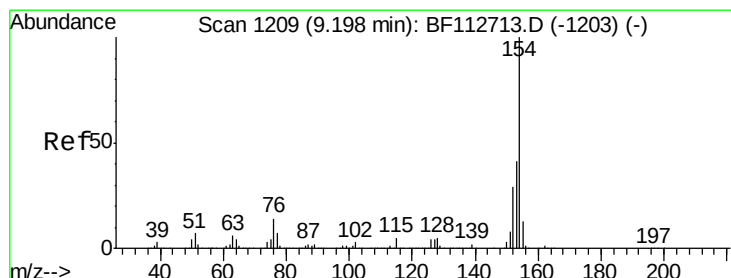
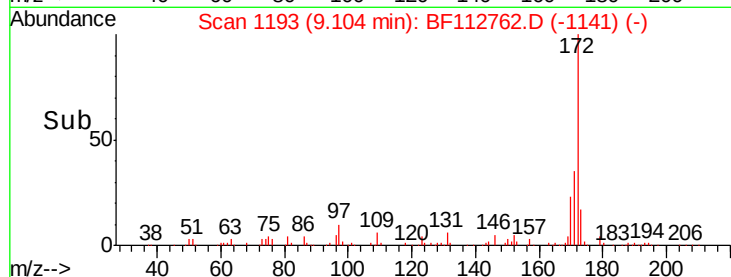
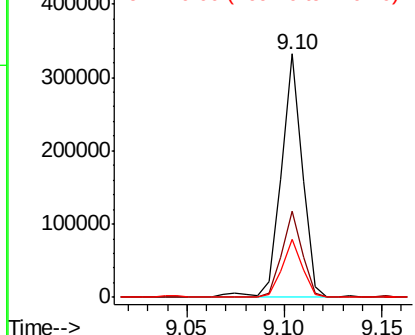
#45
2-Fluorobiphenyl
Concen: 8.995 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112762.D
Acq: 28 Feb 2019 15:09

Instrument :
BNA_F
ClientSampleId :
HR-06-022719-A

Tot Ion:172 Resp: 250413
Ion Ratio Lower Upper
172 100
171 35.3 29.0 43.4
170 23.6 20.0 30.0

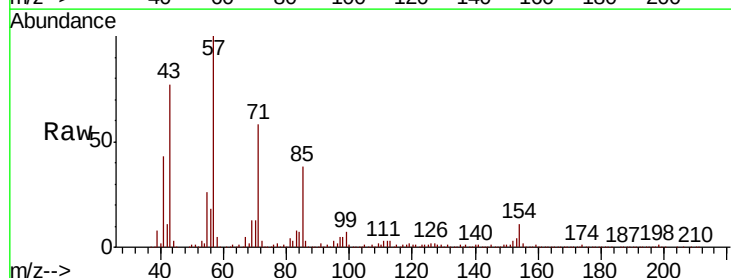


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

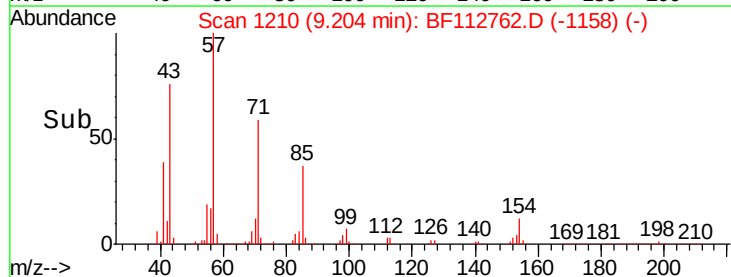
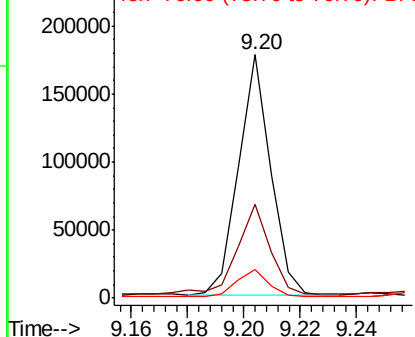


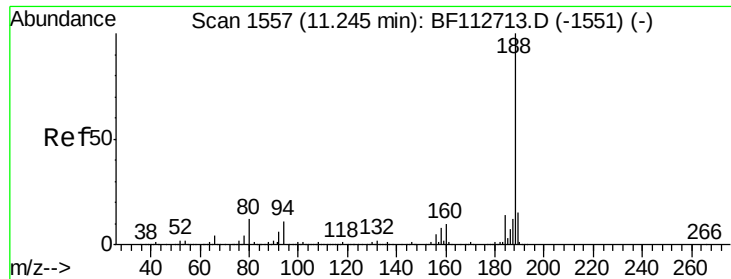
#46
1,1'-Biphenyl
Concen: 5.203 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF112762.D
Acq: 28 Feb 2019 15:09

Tgt Ion:154 Resp: 139469
Ion Ratio Lower Upper
154 100
153 38.8 20.8 60.8
76 11.5 0.0 33.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF112762.D

Acq: 28 Feb 2019 15:09

Instrument :

BNA_F

ClientSampleId :

HR-06-022719-A

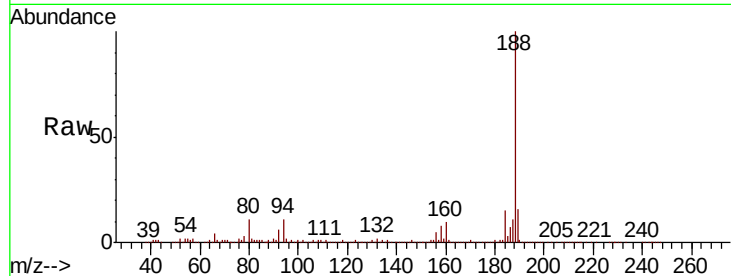
Tot Ion:188 Resp: 654865

Ion Ratio Lower Upper

188 100

94 10.7 9.0 13.4

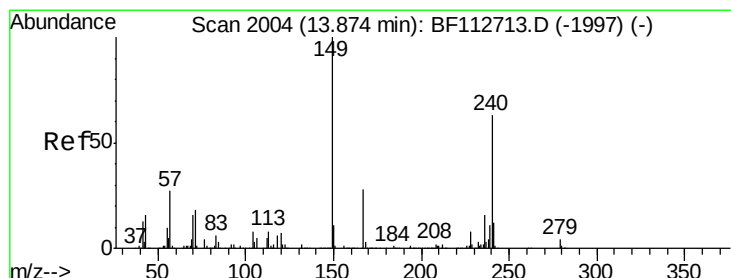
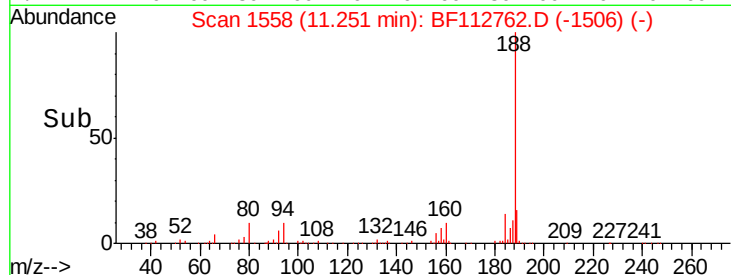
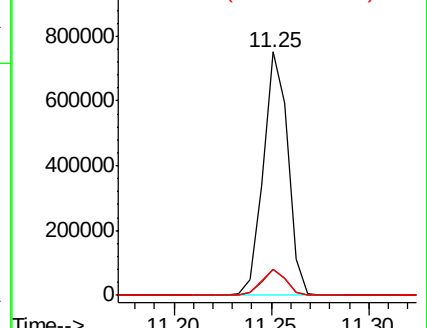
80 10.6 9.2 13.8



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: BF112762.D

Acq: 28 Feb 2019 15:09

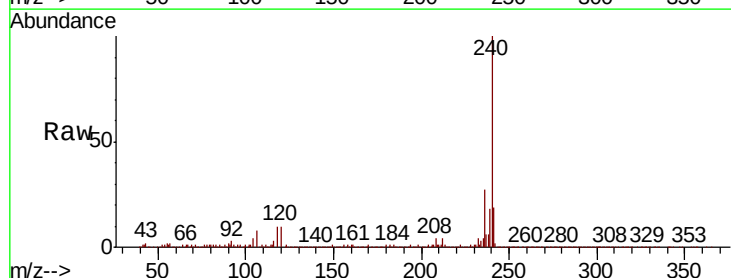
Tgt Ion:240 Resp: 513817

Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

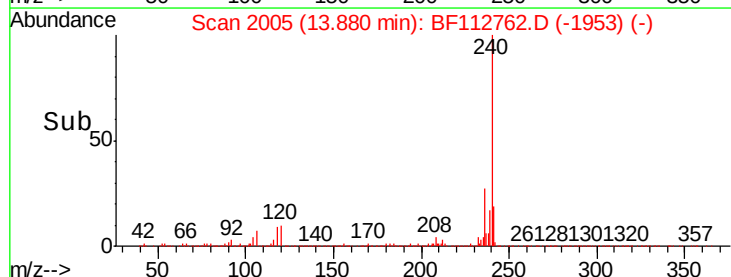
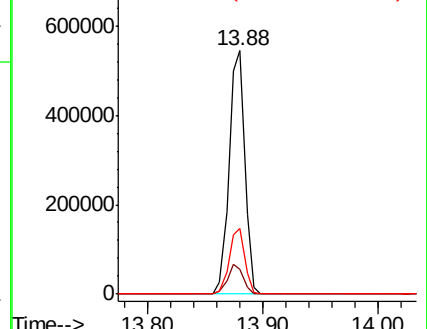
236 26.8 20.7 31.1

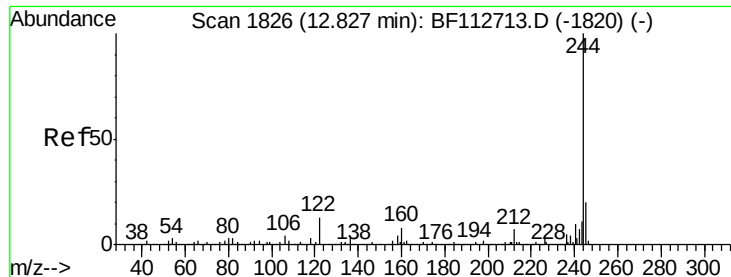


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 9.737 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112762.D

Acq: 28 Feb 2019 15:09

Instrument :

BNA_F

ClientSampleId :

HR-06-022719-A

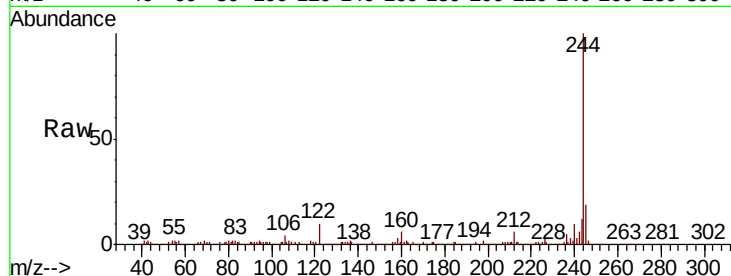
Tot Ion:244 Resp: 258101

Ion Ratio Lower Upper

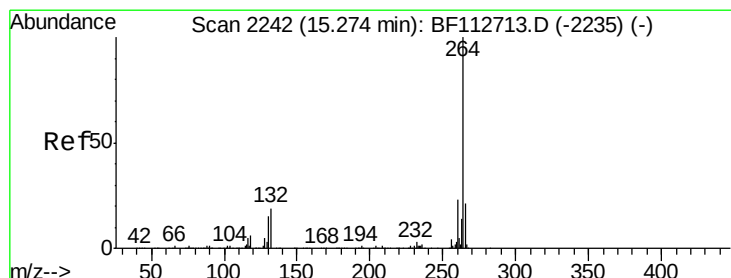
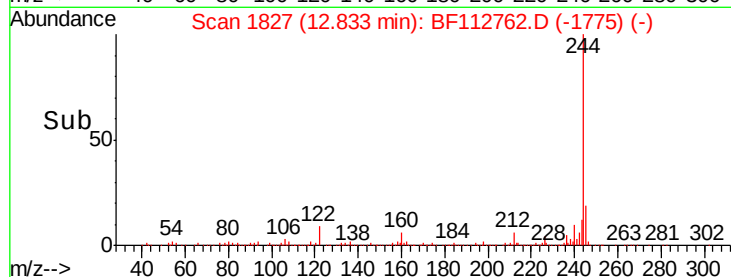
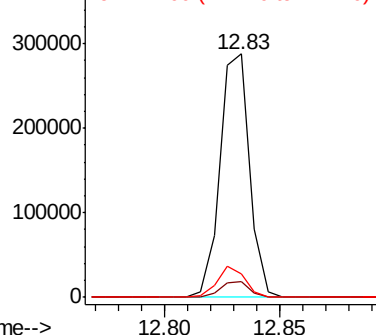
244 100

212 6.3 5.6 8.4

122 9.5 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: 15.29 min Scan# 2245

Delta R.T. 0.02 min

Lab File: BF112762.D

Acq: 28 Feb 2019 15:09

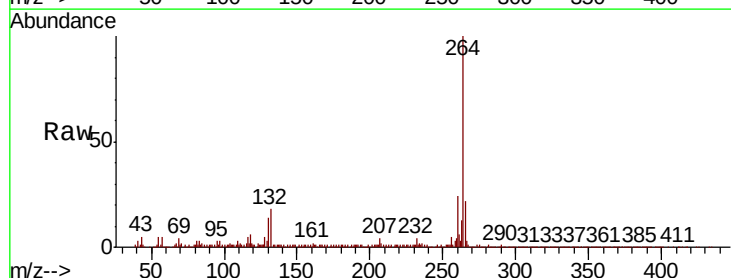
Tgt Ion:264 Resp: 400882

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 22.5 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

