

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
 Data File : BF113980.D
 Acq On : 25 Apr 2019 16:31
 Operator : JU/SJ
 Sample : K2553-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051

Quant Time: Apr 26 04:57:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

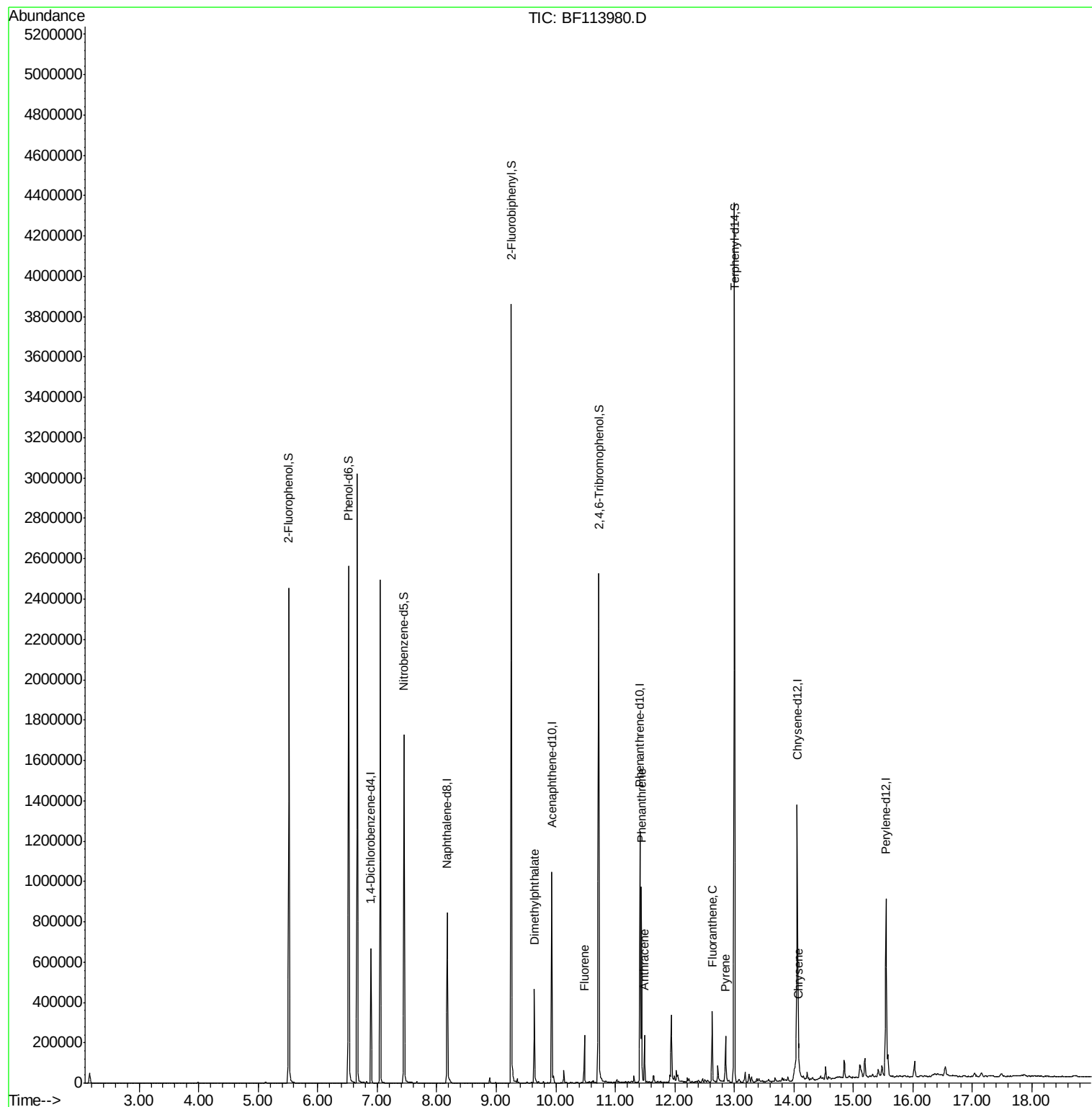
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	107391	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	400680	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	215594	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	447560	20.00	ng	0.00
76) Chrysene-d12	14.06	240	439088	20.00	ng	-0.01
87) Perylene-d12	15.55	264	463956	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	801357	127.63	ng	0.00
7) Phenol-d6	6.52	99	1044831	132.63	ng	0.00
23) Nitrobenzene-d5	7.45	82	628071	96.78	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	371642	141.50	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1272922	92.34	ng	0.00
79) Terphenyl-d14	13.00	244	1646793	76.89	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.64	163	192036	12.316	ng	99
58) Fluorene	10.48	166	73689	5.273	ng	98
71) Phenanthrene	11.44	178	344783	15.329	ng	98
72) Anthracene	11.49	178	101949	4.488	ng	97
75) Fluoranthene	12.63	202	132767	5.410	ng	96
78) Pyrene	12.86	202	96867	3.155	ng	95
83) Chrysene	14.08	228	50765	2.015	ng	99

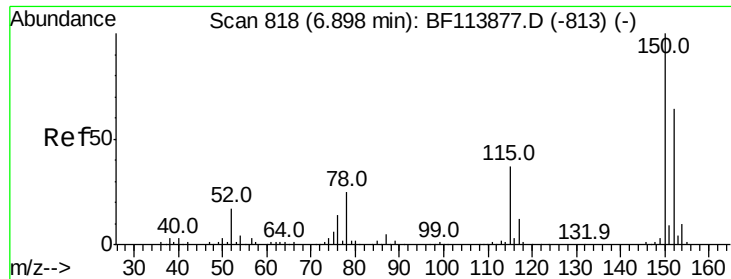
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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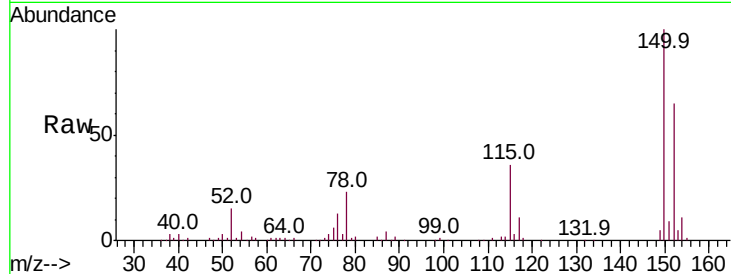


#1

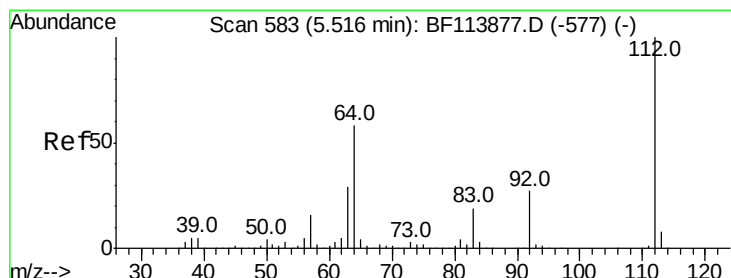
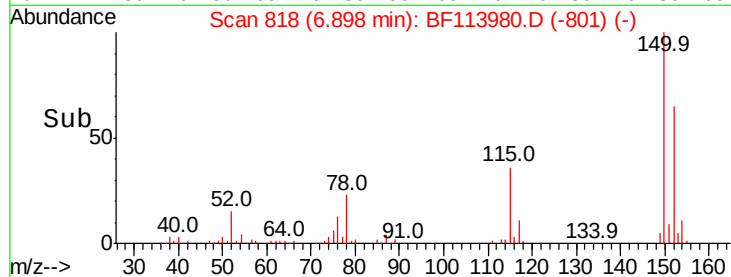
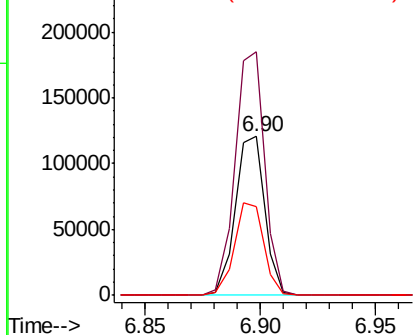
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113980.D
Acq: 25 Apr 2019 16:31

Instrument :
BNA_F
ClientSampleId :
RBR200051

Tot Ion:152 Resp: 107391
Ion Ratio Lower Upper
152 100
150 153.5 125.9 188.9
115 55.6 45.9 68.9



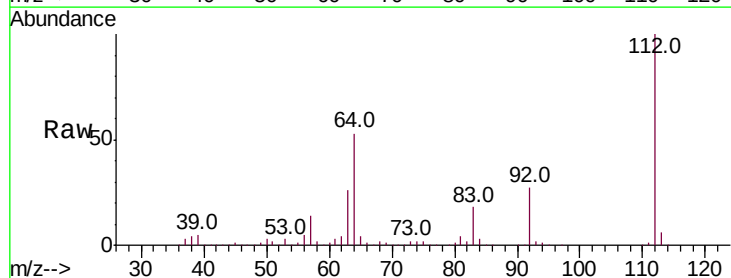
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



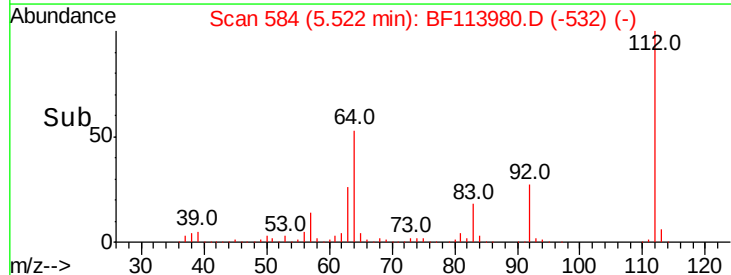
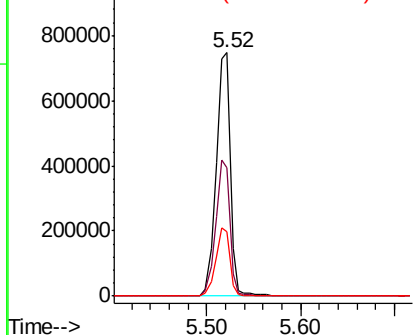
#5

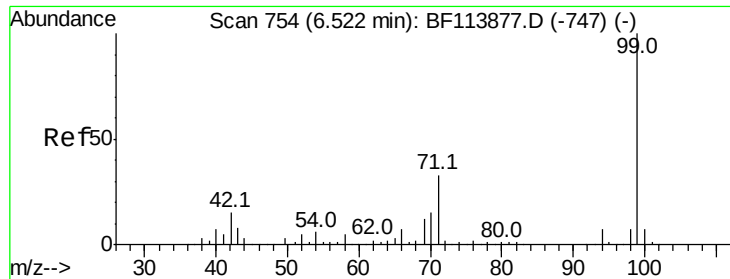
2-Fluorophenol
Concen: 127.628 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113980.D
Acq: 25 Apr 2019 16:31

Tgt Ion:112 Resp: 801357
Ion Ratio Lower Upper
112 100
64 53.0 46.6 69.8
63 26.5 23.1 34.7



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: 132.633 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF113980.D

Acq: 25 Apr 2019 16:31

Instrument :

BNA_F

ClientSampleId :

RBR200051

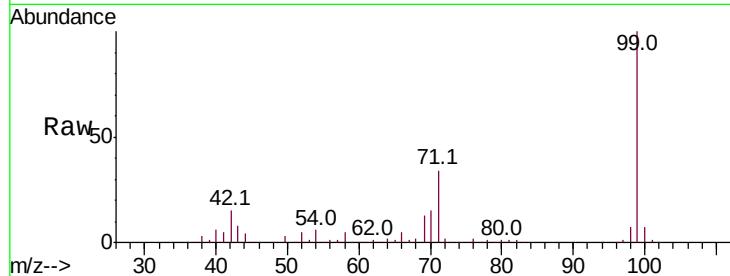
Tot Ion: 99 Resp: 1044831

Ion Ratio Lower Upper

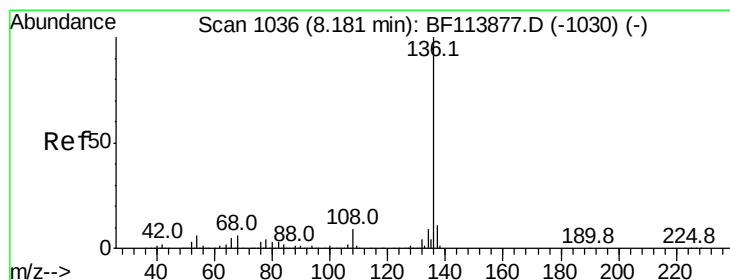
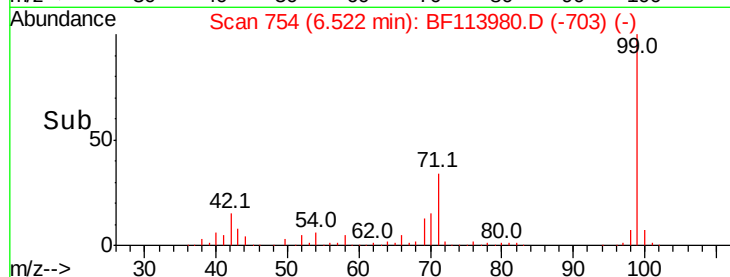
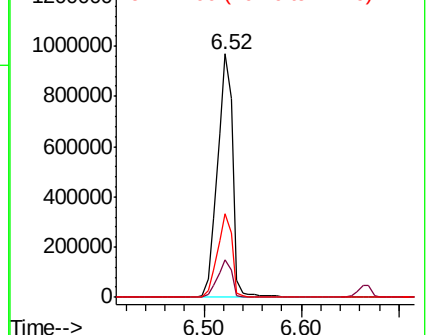
99 100

42 15.4 12.5 18.7

71 34.3 26.9 40.3



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113980.D

Acq: 25 Apr 2019 16:31

Tgt Ion: 136 Resp: 400680

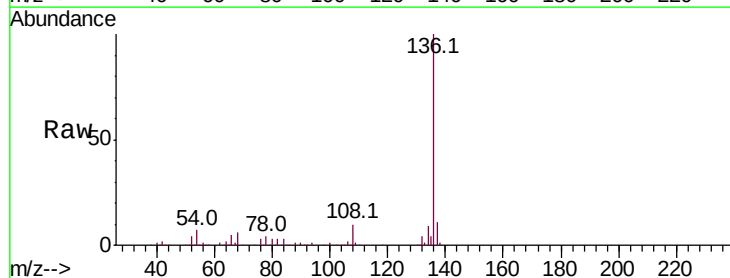
Ion Ratio Lower Upper

136 100

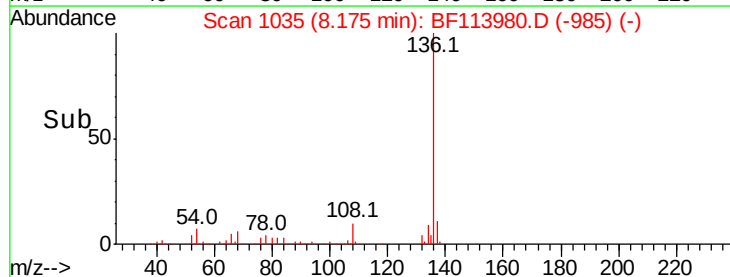
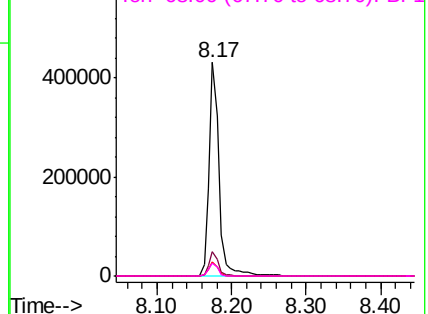
137 11.2 8.6 12.8

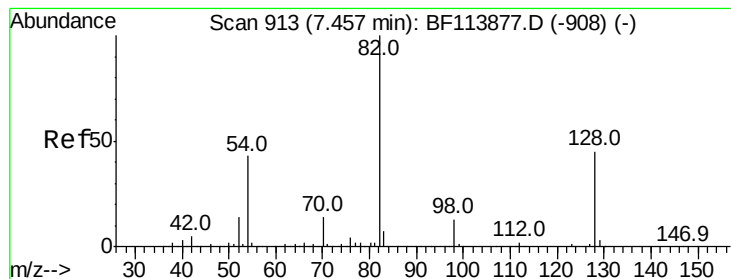
54 6.6 5.0 7.6

68 6.2 4.9 7.3



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: 96.784 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF113980.D

Acq: 25 Apr 2019 16:31

Instrument :

BNA_F

ClientSampleId :

RBR200051

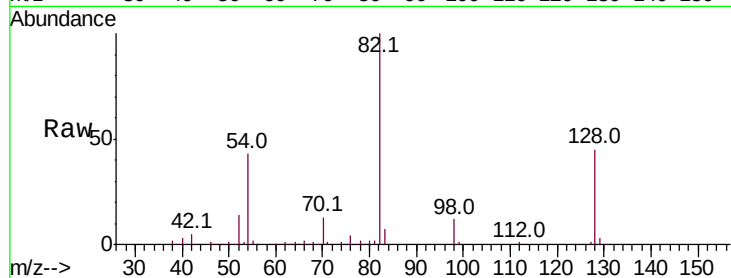
Tot Ion: 82 Resp: 628071

Ion Ratio Lower Upper

82 100

128 45.4 36.8 55.2

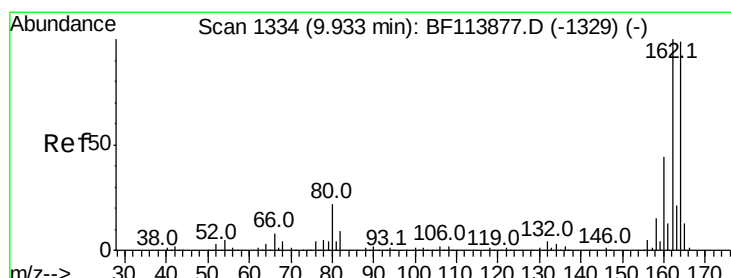
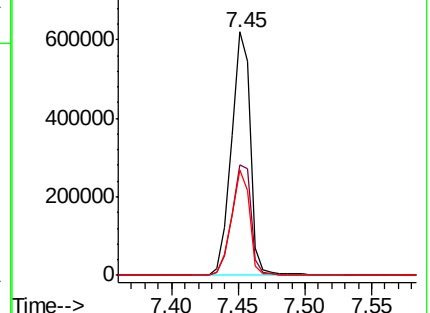
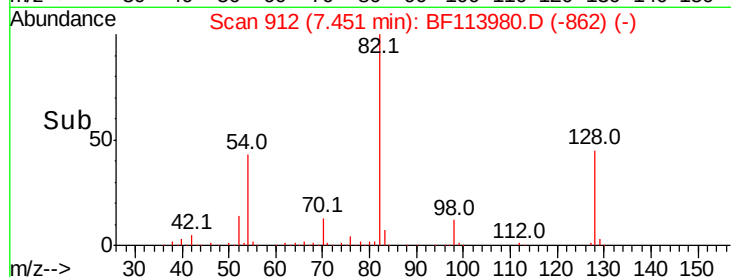
54 43.4 33.8 50.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF113980.D

Acq: 25 Apr 2019 16:31

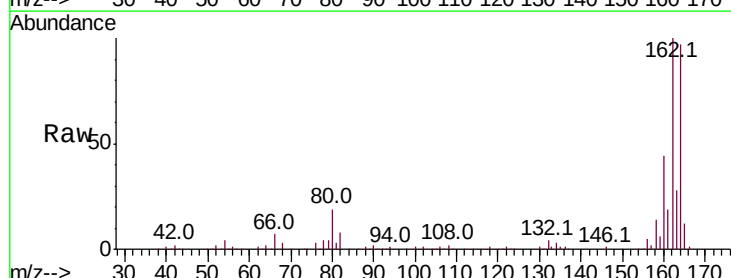
Tgt Ion:164 Resp: 215594

Ion Ratio Lower Upper

164 100

162 102.6 81.1 121.7

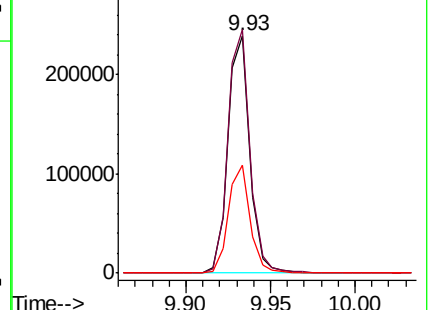
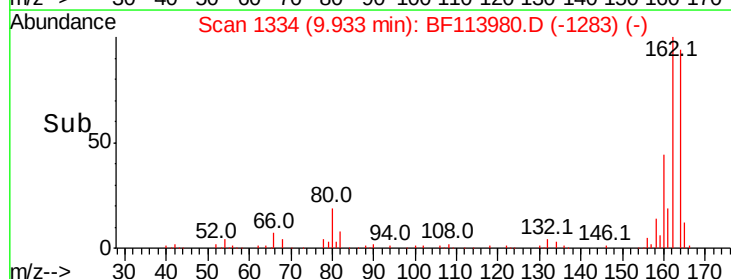
160 45.5 35.8 53.6

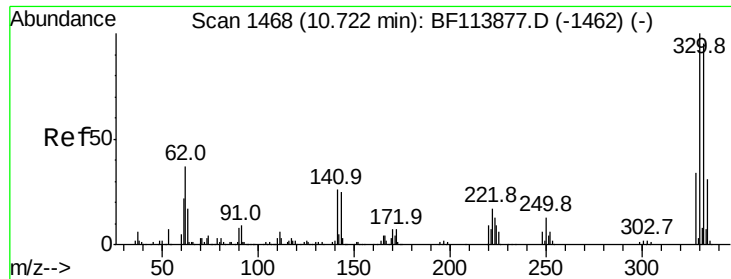


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

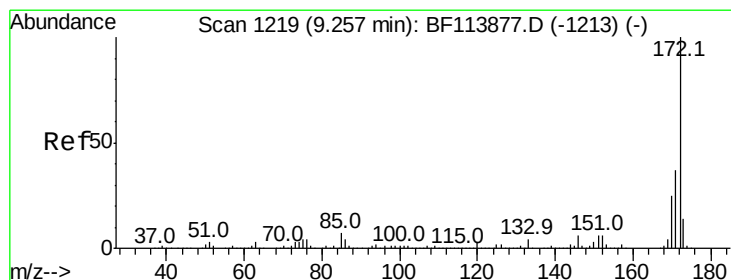
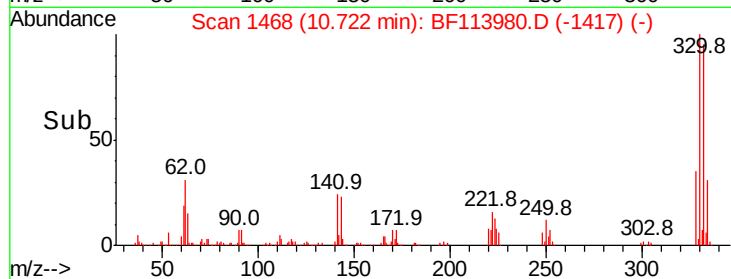
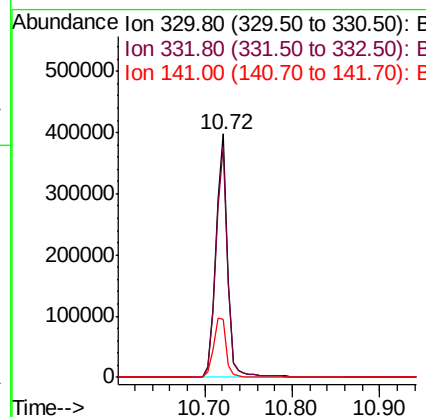
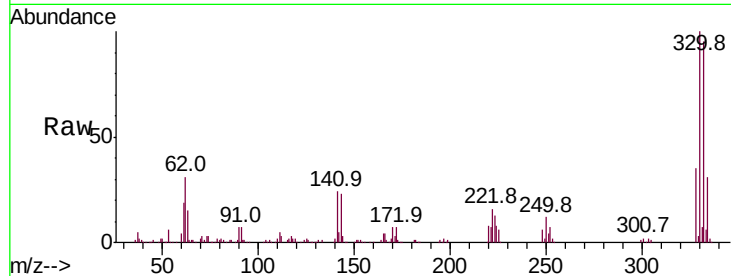




#42
 2,4,6-Tribromophenol
 Concen: 141.504 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113980.D
 Acq: 25 Apr 2019 16:31

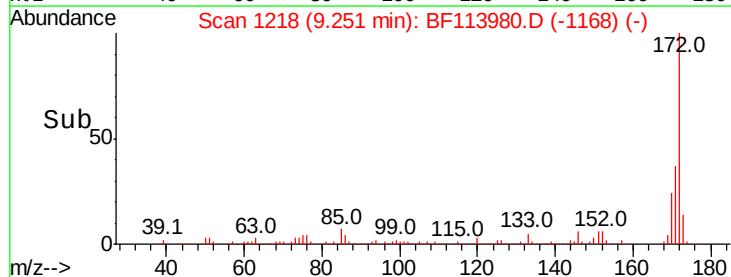
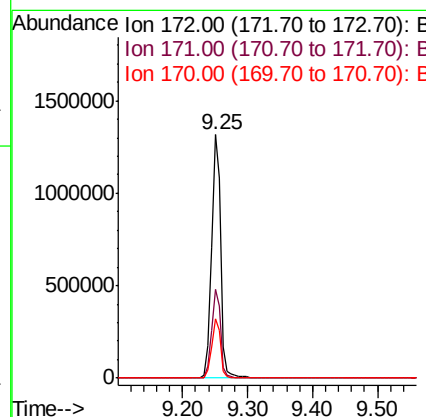
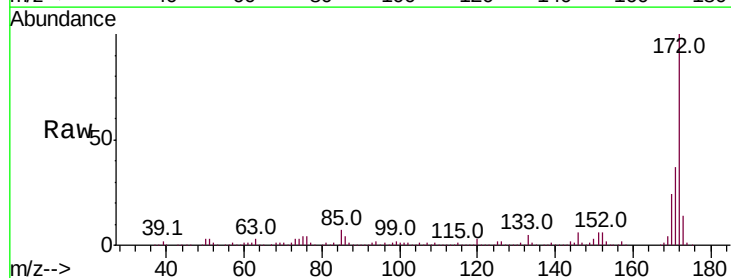
Instrument :
 BNA_F
 ClientSampleId :
 RBR200051

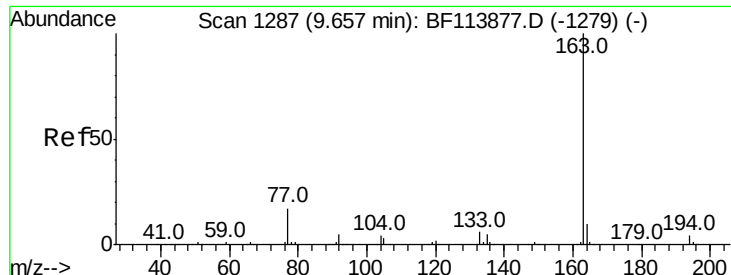
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.5	116.3
141	27.1	22.2	33.2



#45
 2-Fluorobiphenyl
 Concen: 92.344 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113980.D
 Acq: 25 Apr 2019 16:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.2	19.9	29.9

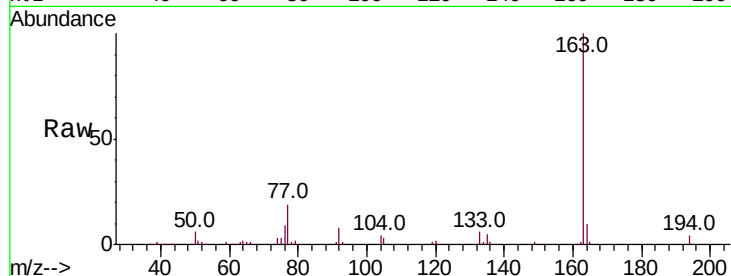




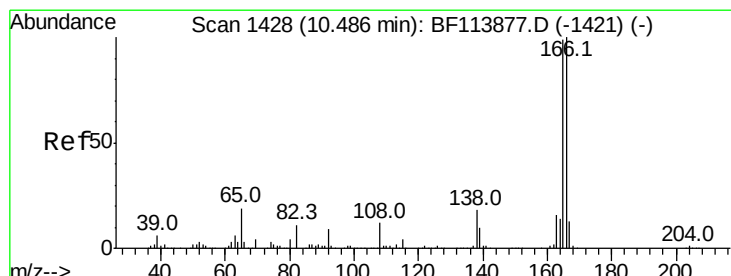
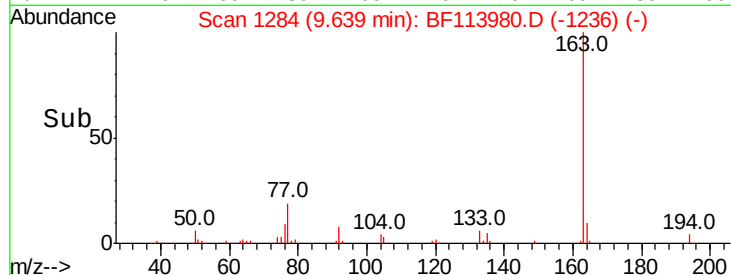
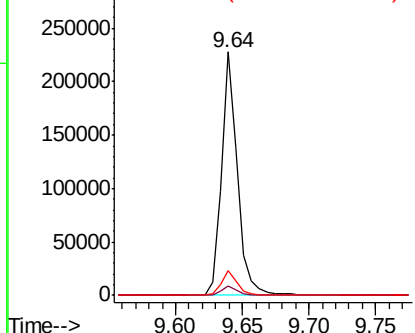
#50
Dimethylphthalate
Concen: 12.316 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113980.D
Acq: 25 Apr 2019 16:31

Instrument :
BNA_F
ClientSampleId :
RBR200051

Tot Ion:163 Resp: 192036
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.1 8.5 12.7

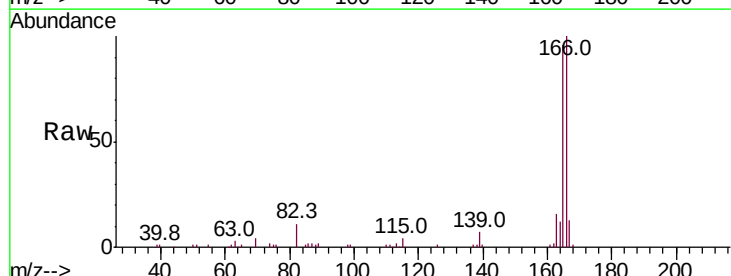


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

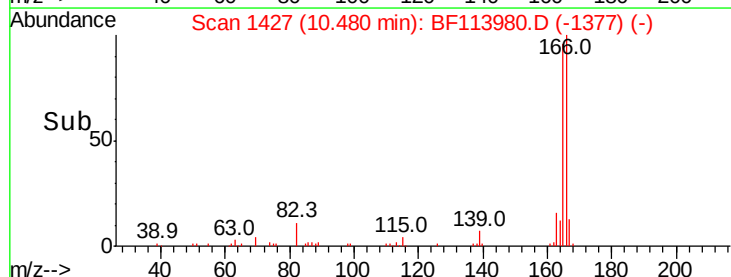
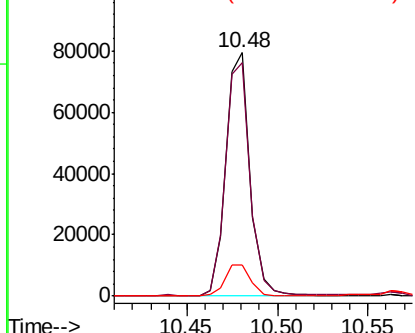


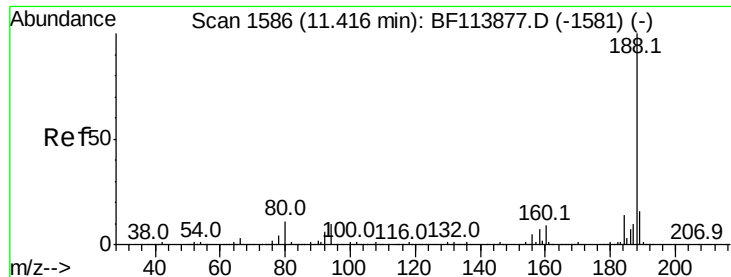
#58
Fluorene
Concen: 5.273 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF113980.D
Acq: 25 Apr 2019 16:31

Tgt Ion:166 Resp: 73689
Ion Ratio Lower Upper
166 100
165 95.7 78.4 117.6
167 12.7 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

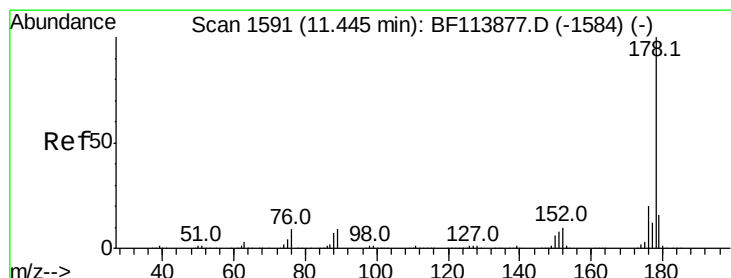
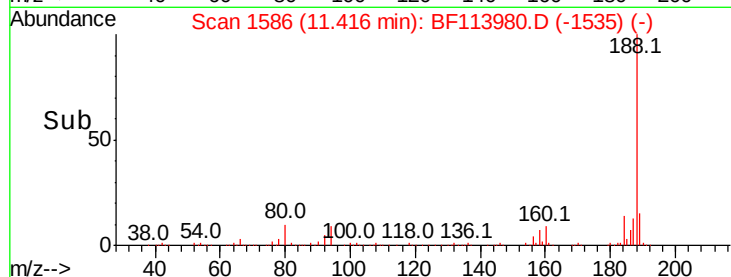
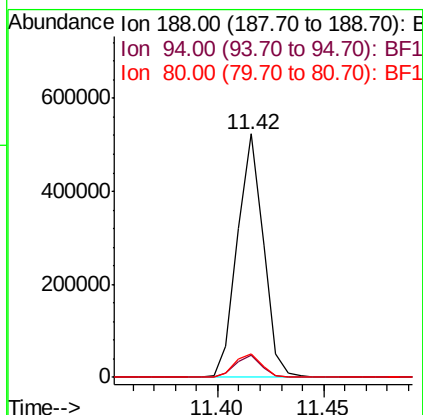
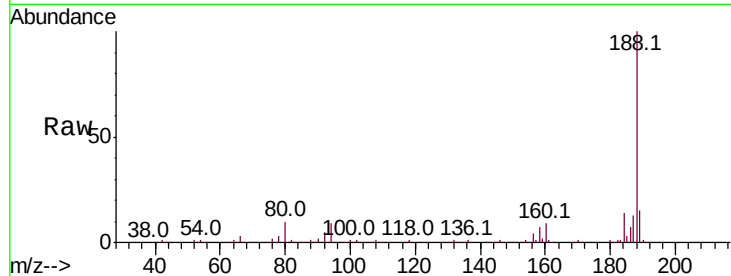




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113980.D
Acq: 25 Apr 2019 16:31

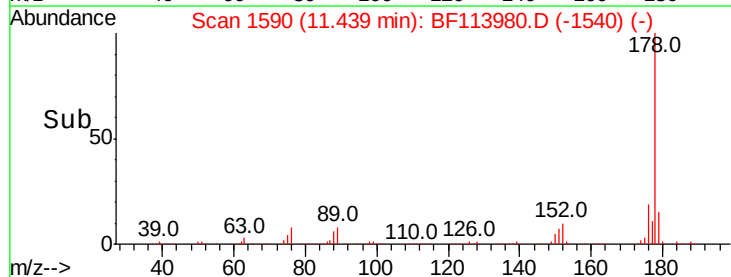
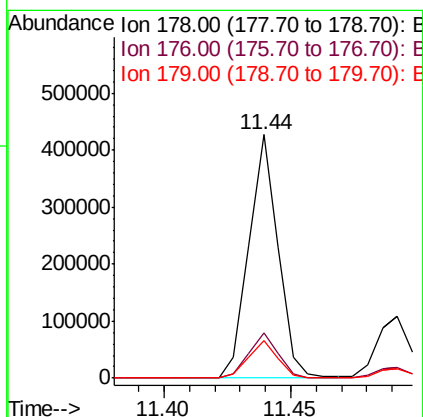
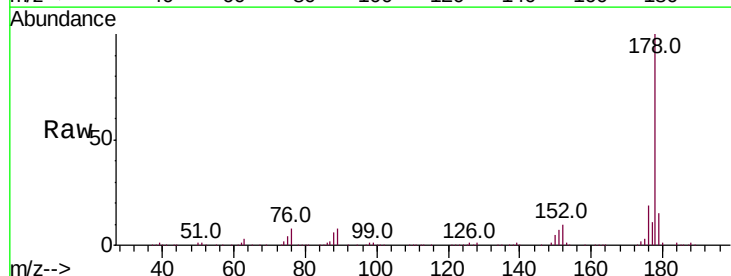
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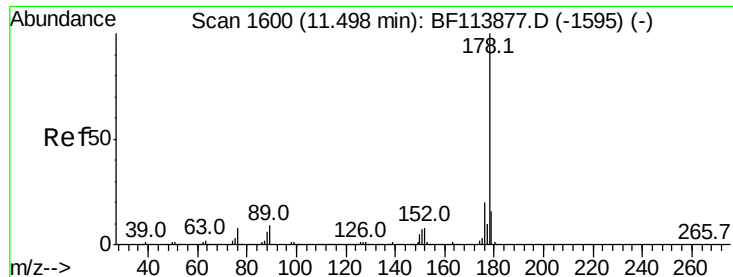
Tot Ion:188 Resp: 447560
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.4
80 9.7 9.0 13.6



#71
Phenanthrene
Concen: 15.329 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF113980.D
Acq: 25 Apr 2019 16:31

Tgt Ion:178 Resp: 344783
Ion Ratio Lower Upper
178 100
176 18.6 16.1 24.1
179 15.4 12.8 19.2

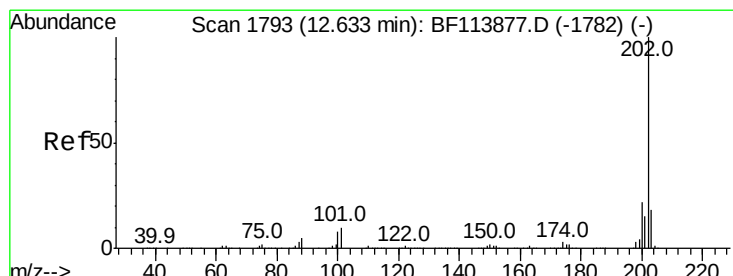
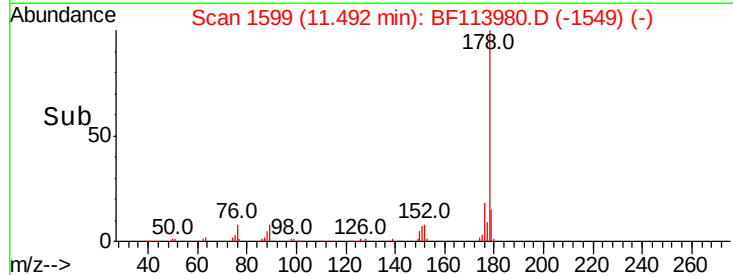
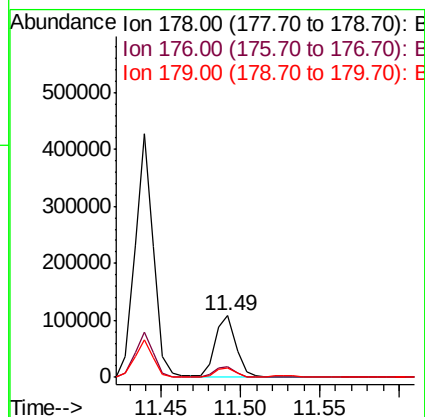
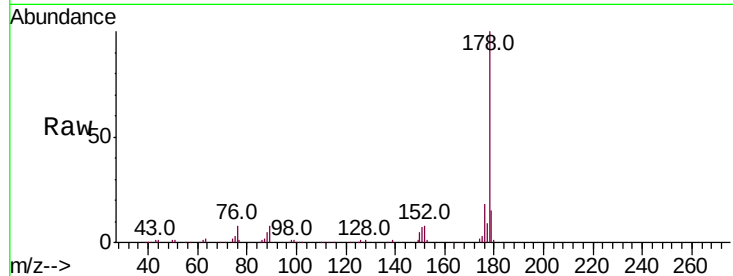




#72
 Anthracene
 Concen: 4.488 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF113980.D
 Acq: 25 Apr 2019 16:31

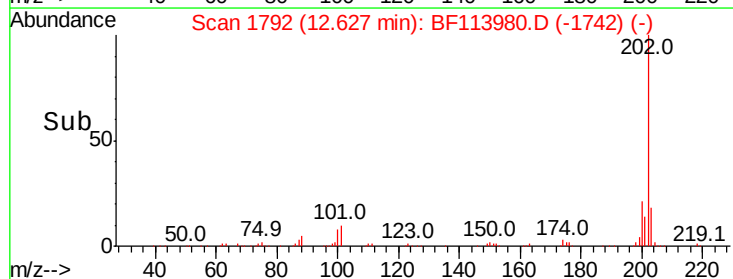
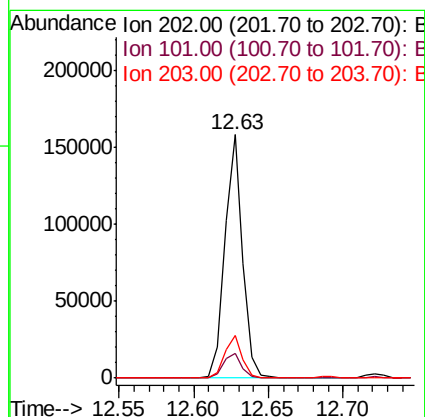
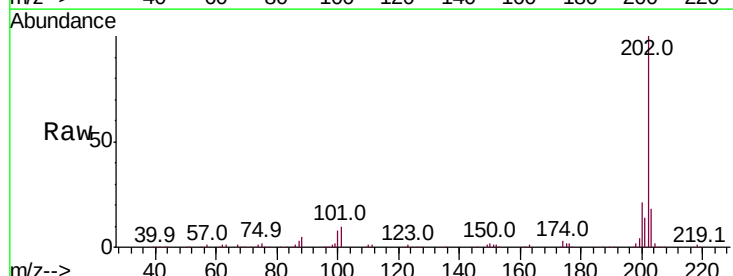
Instrument :
 BNA_F
 ClientSampleId :
 RBR200051

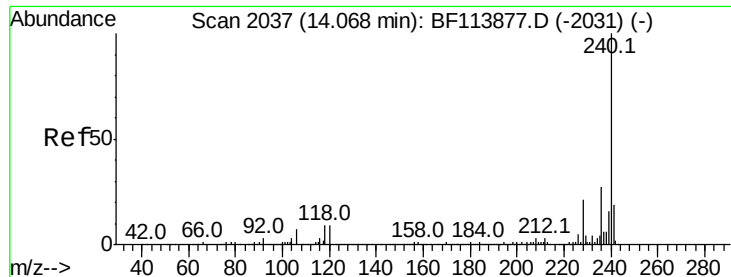
Tot Ion:178 Resp: 101949
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.7 23.5
 179 15.4 13.0 19.4



#75
 Fluoranthene
 Concen: 5.410 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF113980.D
 Acq: 25 Apr 2019 16:31

Tgt Ion:202 Resp: 132767
 Ion Ratio Lower Upper
 202 100
 101 10.0 0.0 32.9
 203 17.6 0.0 38.2

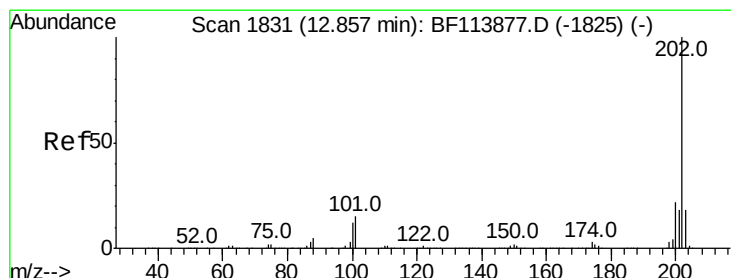
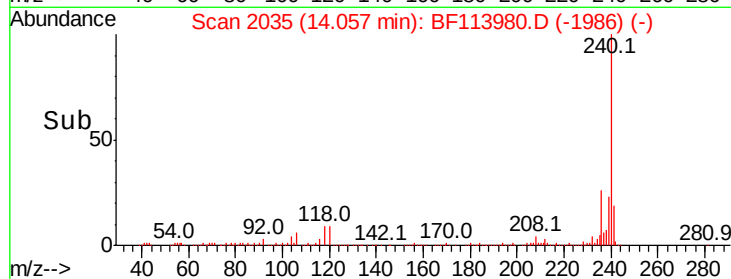
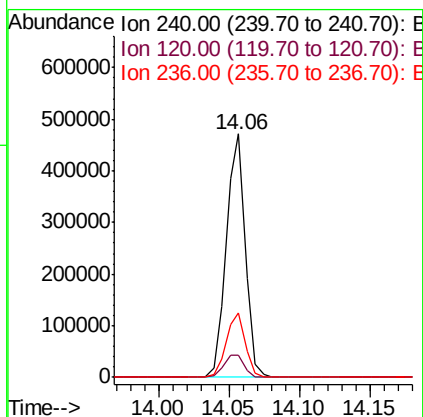
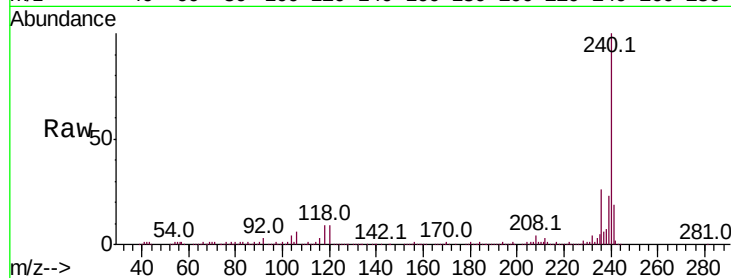




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF113980.D
 Acq: 25 Apr 2019 16:31

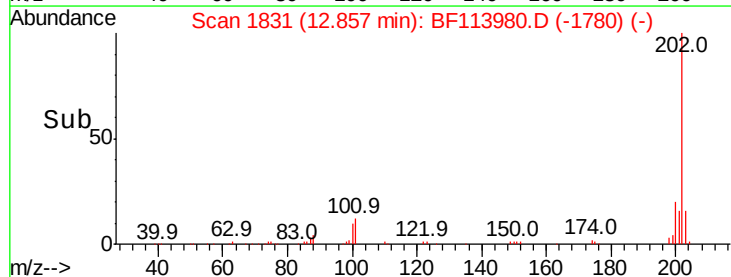
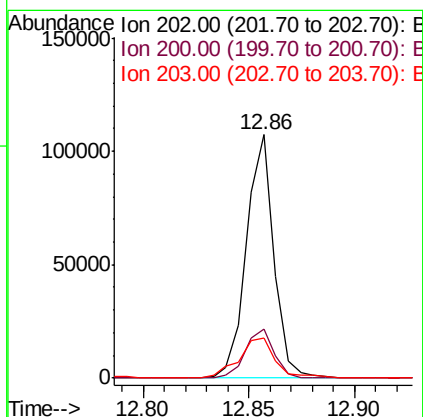
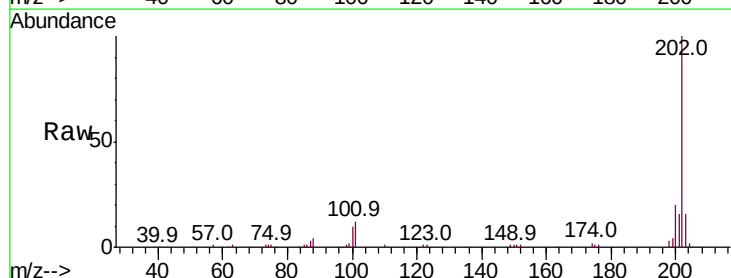
Instrument :
 BNA_F
 ClientSampleId :
 RBR200051

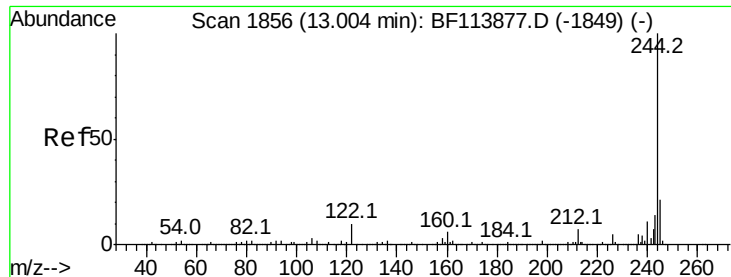
Tot Ion:240 Resp: 439088
 Ion Ratio Lower Upper
 240 100
 120 9.0 9.3 13.9#
 236 26.4 21.2 31.8



#78
 Pyrene
 Concen: 3.155 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF113980.D
 Acq: 25 Apr 2019 16:31

Tgt Ion:202 Resp: 96867
 Ion Ratio Lower Upper
 202 100
 200 20.1 17.7 26.5
 203 16.5 15.0 22.6





#79

Terphenyl-d14

Concen: 76.890 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113980.D

Acq: 25 Apr 2019 16:31

Instrument :

BNA_F

ClientSampleId :

RBR200051

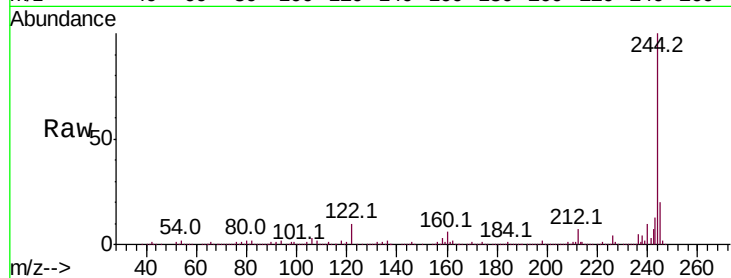
Tot Ion:244 Resp: 1646793

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

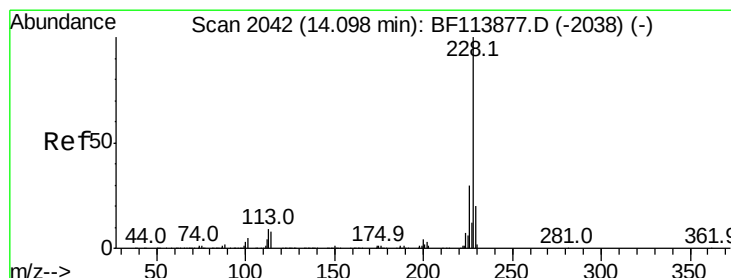
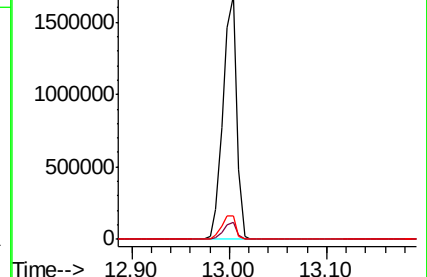
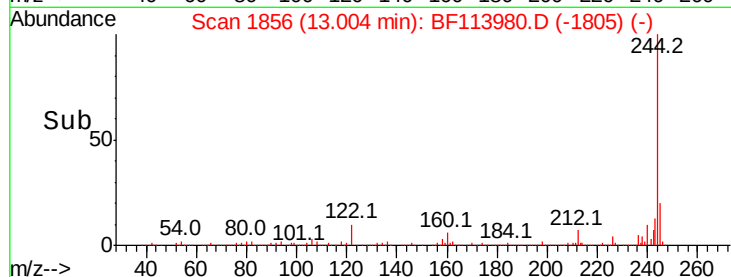
122 9.6 7.6 11.4



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



#83

Chrysene

Concen: 2.015 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.02 min

Lab File: BF113980.D

Acq: 25 Apr 2019 16:31

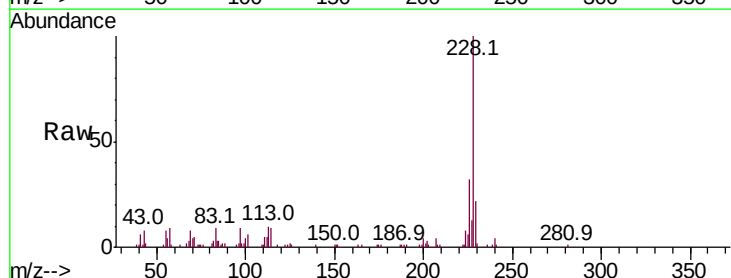
Tgt Ion:228 Resp: 50765

Ion Ratio Lower Upper

228 100

226 31.9 25.2 37.8

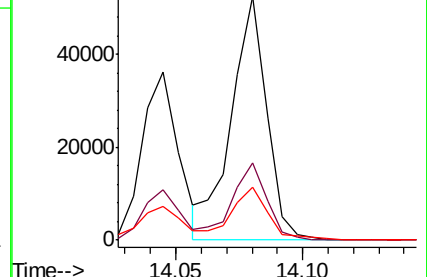
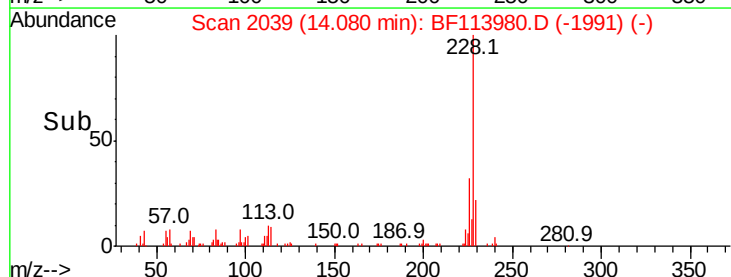
229 21.7 16.7 25.1

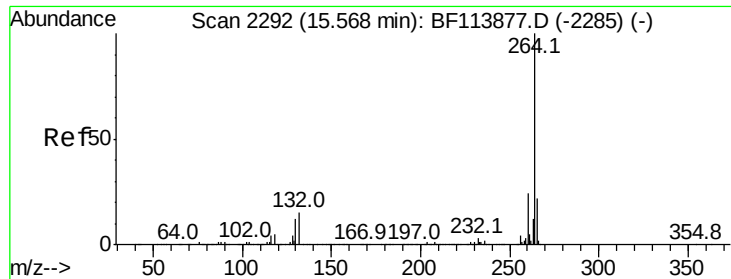


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BF113980.D
 Acq: 25 Apr 2019 16:31

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	22.0	17.3	25.9

