

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
 Data File : BF113773.D
 Acq On : 15 Apr 2019 20:05
 Operator : JU/SJ
 Sample : K2386-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200048-49

Quant Time: Apr 16 00:34:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

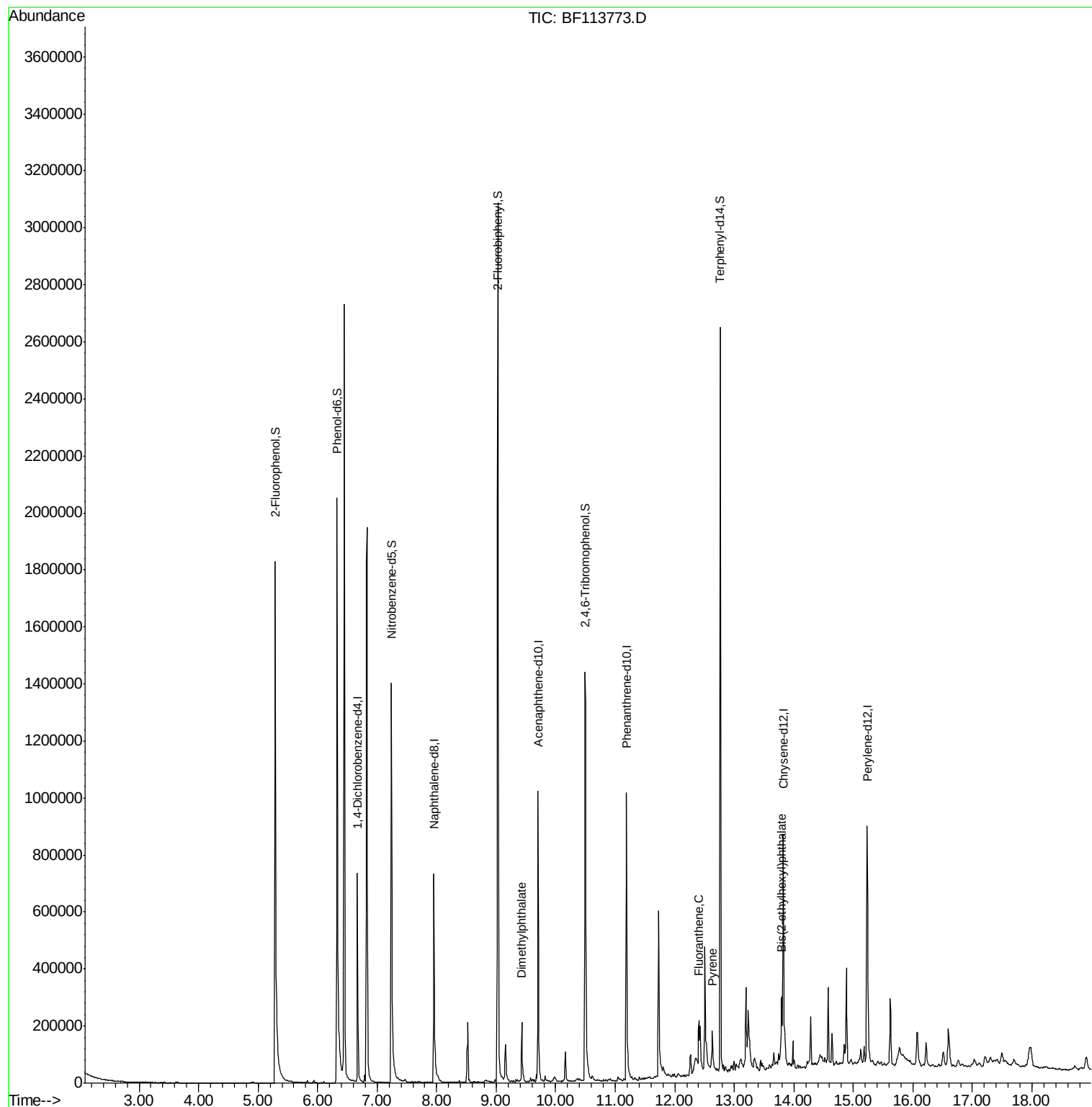
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	123260	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	463460	20.00	ng	-0.02
39) Acenaphthene-d10	9.70	164	220512	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	442583	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	280600	20.00	ng	-0.02
87) Perylene-d12	15.23	264	340216	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	744272	102.97	ng	-0.01
7) Phenol-d6	6.33	99	978896	109.88	ng	-0.01
23) Nitrobenzene-d5	7.24	82	559420	70.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	255073	96.29	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1029720	75.18	ng	-0.02
79) Terphenyl-d14	12.76	244	989596	71.80	ng	-0.03
Target Compounds						
50) Dimethylphthalate	9.43	163	106205	6.534	ng	99
75) Fluoranthene	12.40	202	73119	3.103	ng	99
78) Pyrene	12.63	202	64100	3.002	ng	98
84) Bis(2-ethylhexyl)phthalate	13.80	149	55852	5.315	ng	# 97

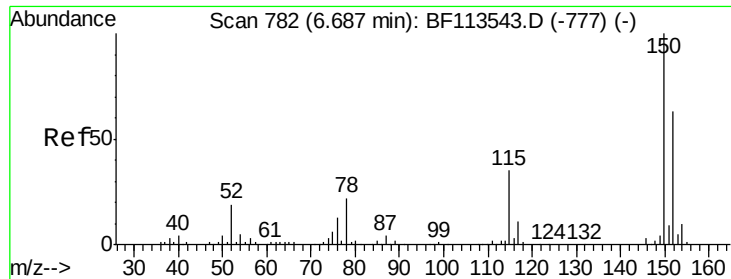
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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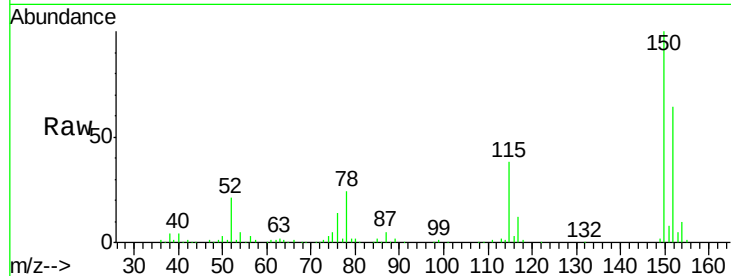


#1

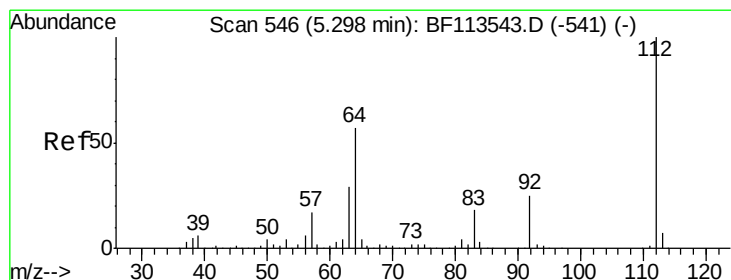
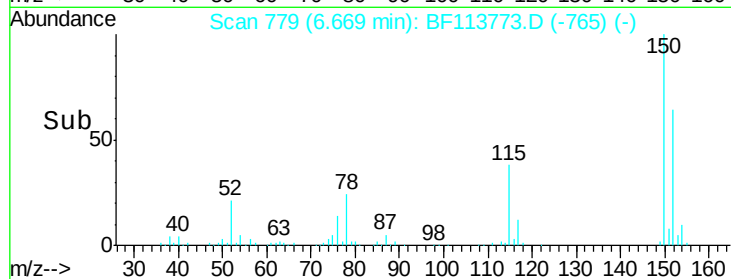
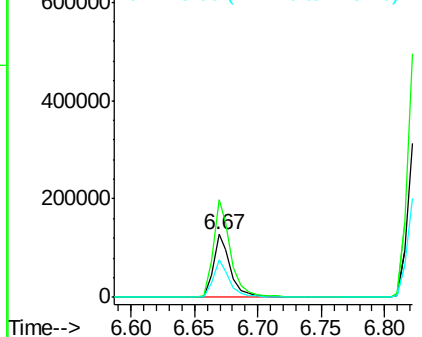
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF113773.D
Acq: 15 Apr 2019 20:05

Instrument :
BNA_F
ClientSampleId :
RBR-200048-49

Tgt Ion:152 Resp: 123260
Ion Ratio Lower Upper
152 100
150 156.3 124.7 187.1
115 59.3 46.0 69.0



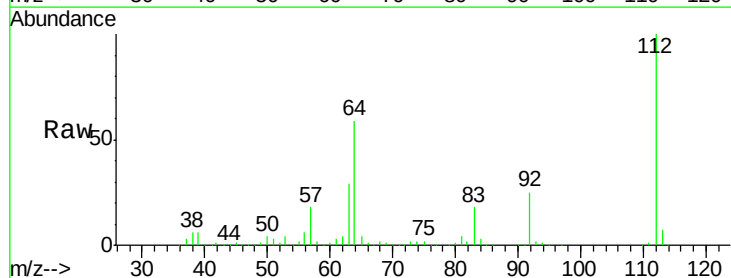
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



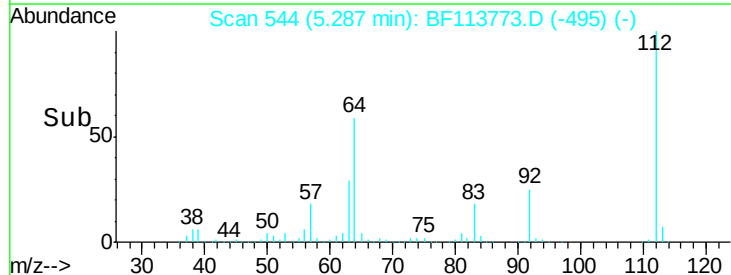
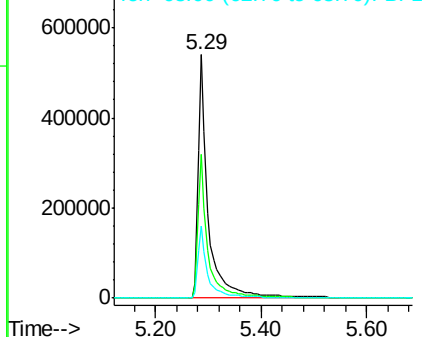
#5

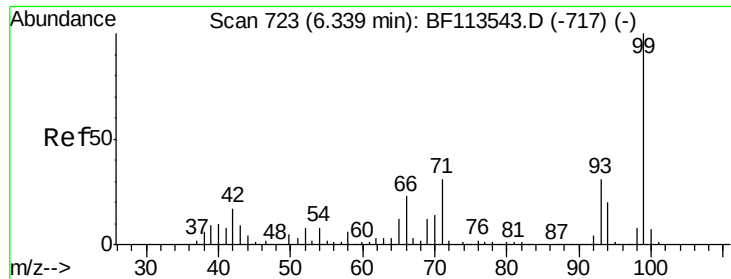
2-Fluorophenol
Concen: 102.966 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF113773.D
Acq: 15 Apr 2019 20:05

Tgt Ion:112 Resp: 744272
Ion Ratio Lower Upper
112 100
64 58.9 49.2 73.8
63 29.4 24.9 37.3



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: 109.877 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113773.D

Acq: 15 Apr 2019 20:05

Instrument :

BNA_F

ClientSampleId :

RBR-200048-49

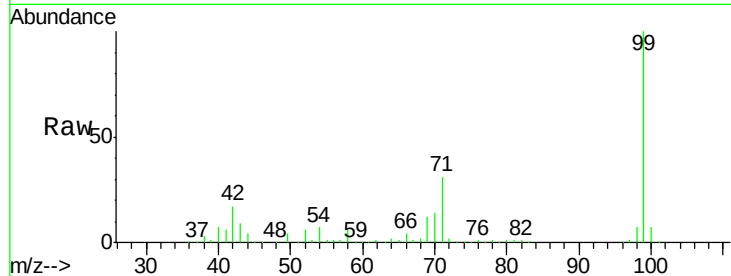
Tgt Ion: 99 Resp: 978896

Ion Ratio Lower Upper

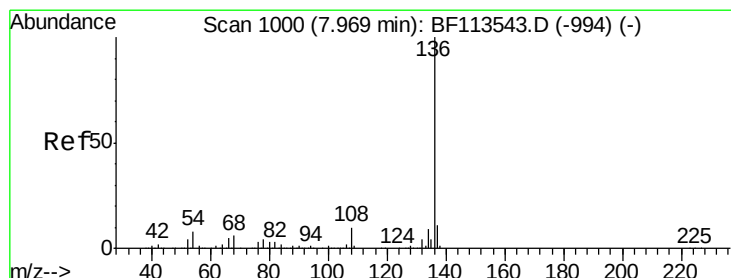
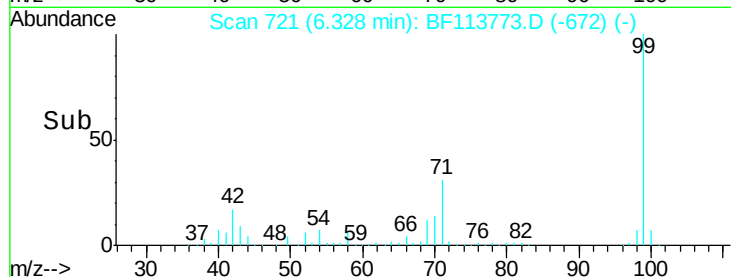
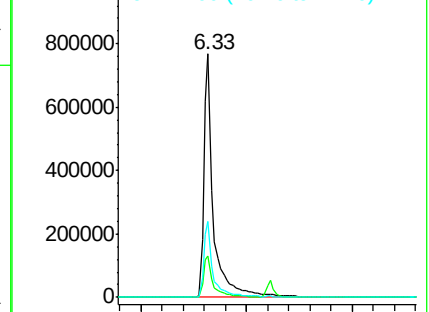
99 100

42 17.2 14.8 22.2

71 30.9 24.9 37.3



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: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF113773.D

Acq: 15 Apr 2019 20:05

Tgt Ion: 136 Resp: 463460

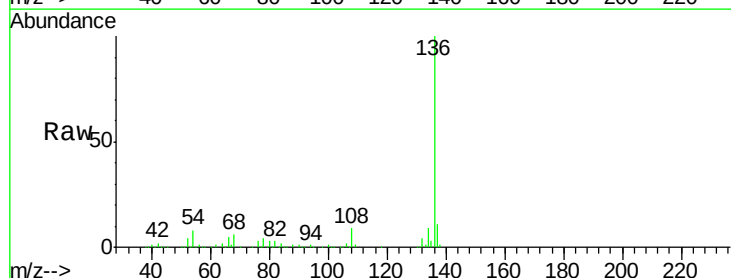
Ion Ratio Lower Upper

136 100

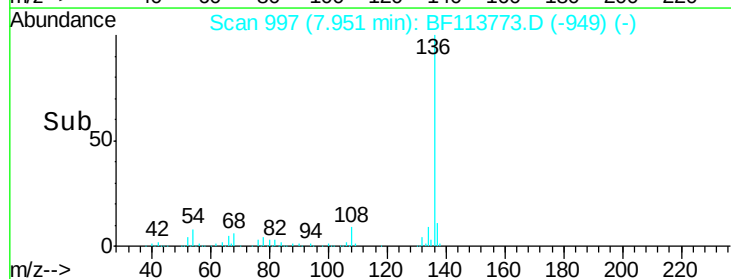
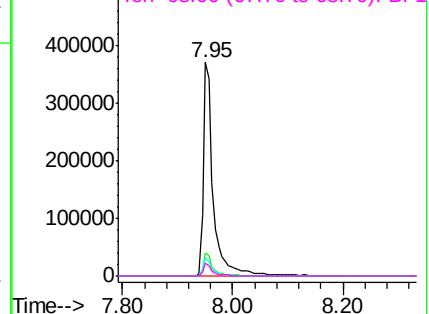
137 11.0 8.9 13.3

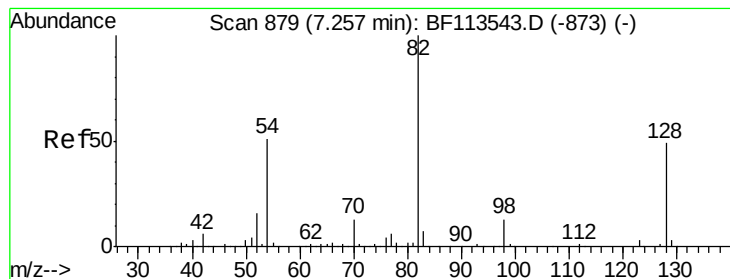
54 8.5 7.0 10.6

68 6.1 4.8 7.2



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: 70.703 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113773.D

Acq: 15 Apr 2019 20:05

Instrument :

BNA_F

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RBR-200048-49

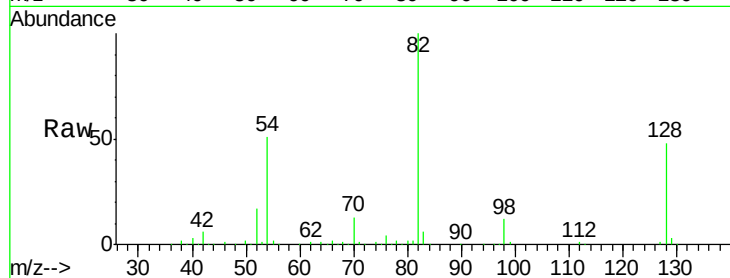
Tgt Ion: 82 Resp: 559420

Ion Ratio Lower Upper

82 100

128 48.3 36.5 54.7

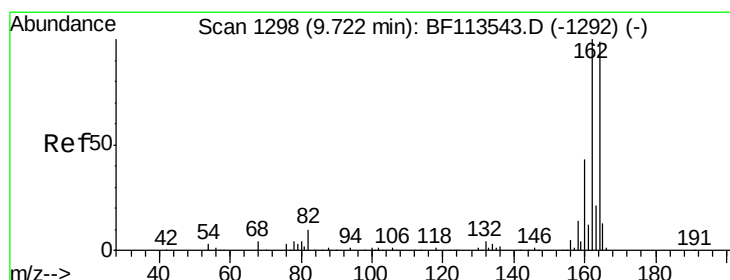
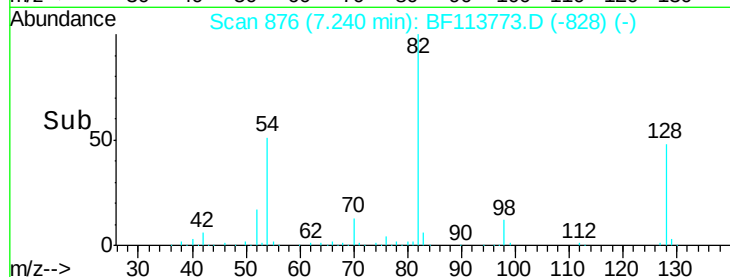
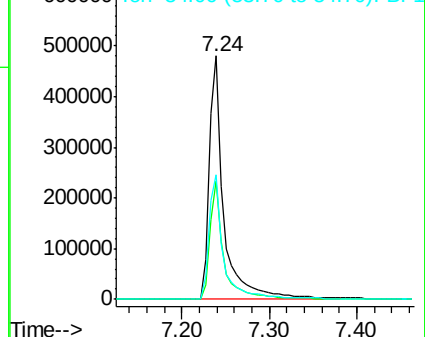
54 51.0 42.2 63.2



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: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF113773.D

Acq: 15 Apr 2019 20:05

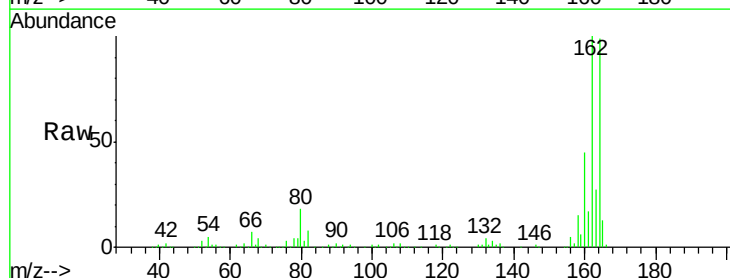
Tgt Ion: 164 Resp: 220512

Ion Ratio Lower Upper

164 100

162 100.5 81.8 122.6

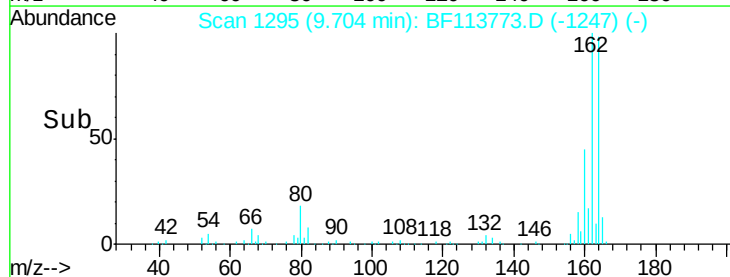
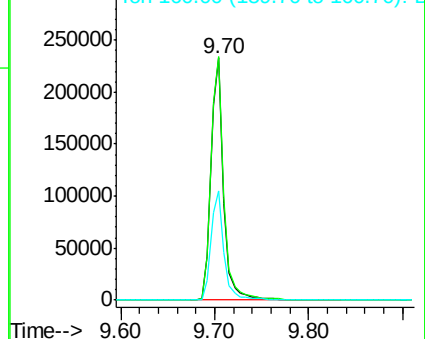
160 45.3 36.4 54.6

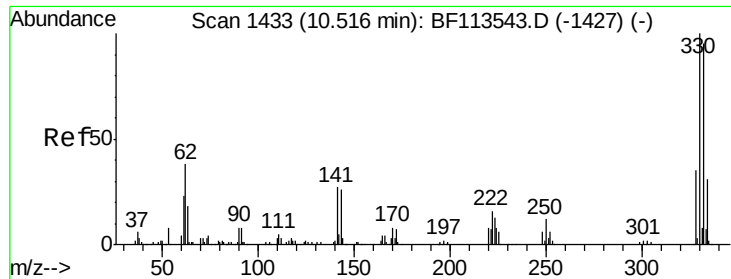


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

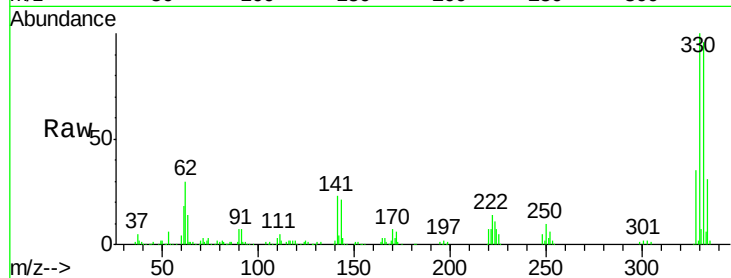




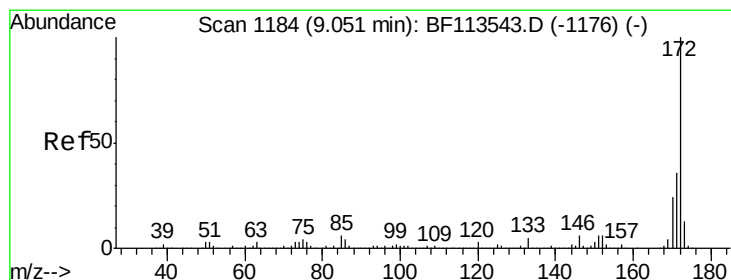
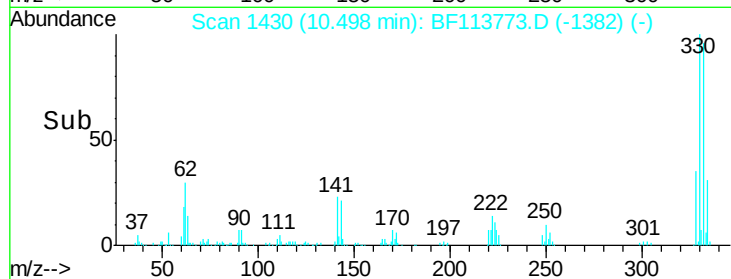
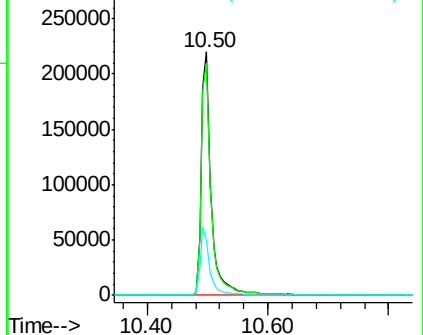
#42
 2,4,6-Tribromophenol
 Concen: 96.294 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113773.D
 Acq: 15 Apr 2019 20:05

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 RBR-200048-49

Tgt Ion:330 Resp: 255073
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.8 116.6
 141 27.5 22.7 34.1

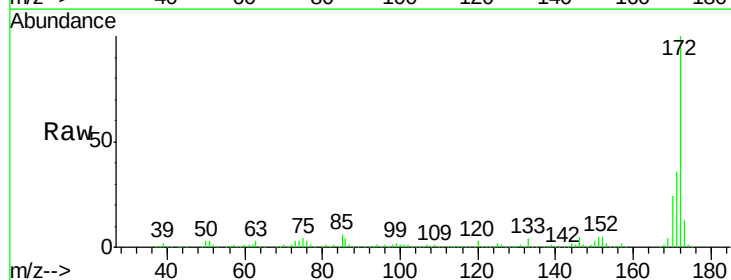


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

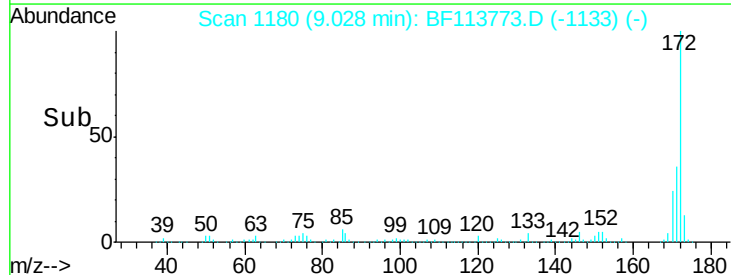
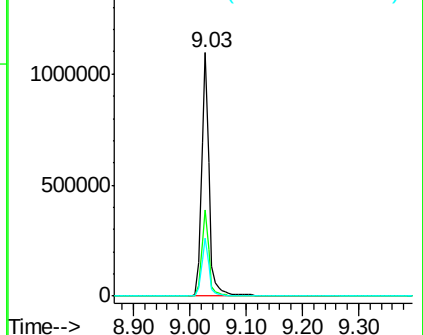


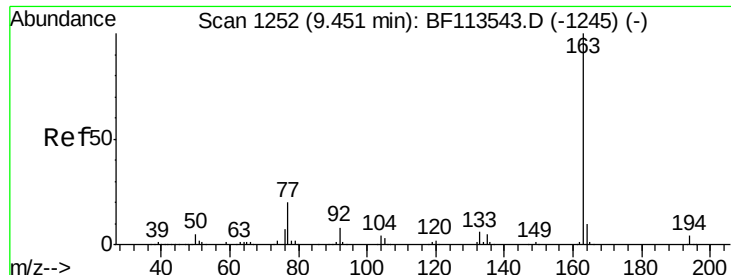
#45
 2-Fluorobiphenyl
 Concen: 75.177 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113773.D
 Acq: 15 Apr 2019 20:05

Tgt Ion:172 Resp: 1029720
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.6
 170 23.9 19.5 29.3



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

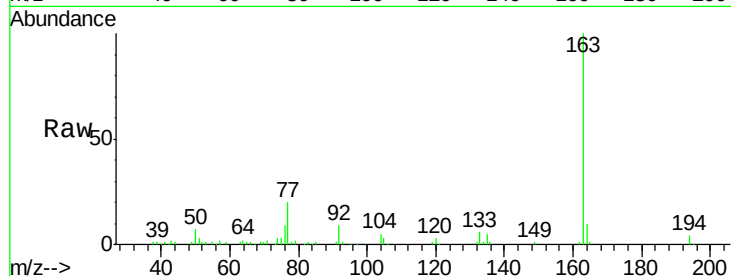




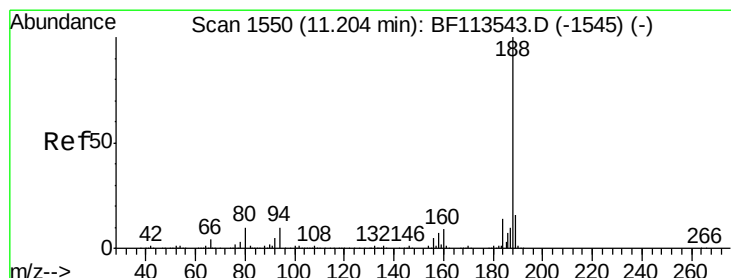
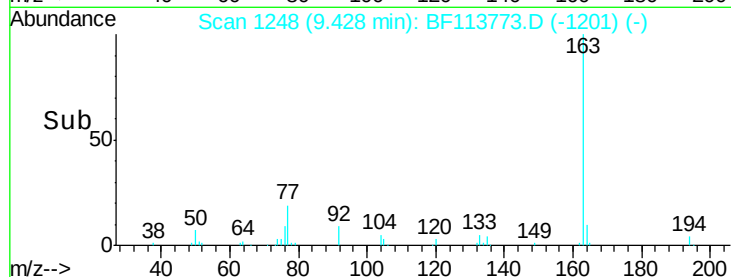
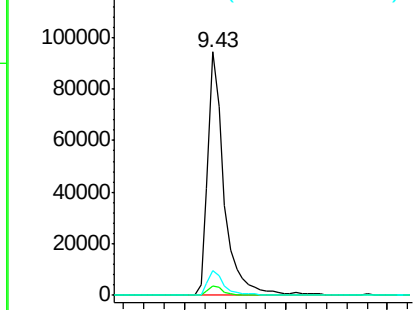
#50
Dimethylphthalate
Concen: 6.534 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF113773.D
Acq: 15 Apr 2019 20:05

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RBR-200048-49

Tgt Ion:163 Resp: 106205
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.3 8.1 12.1

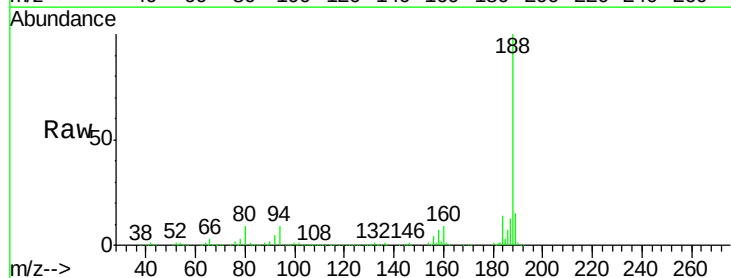


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

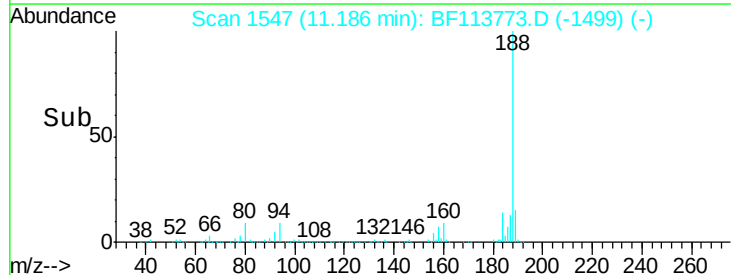
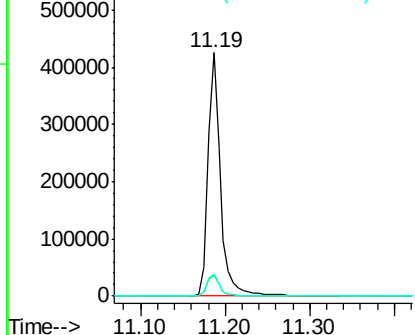


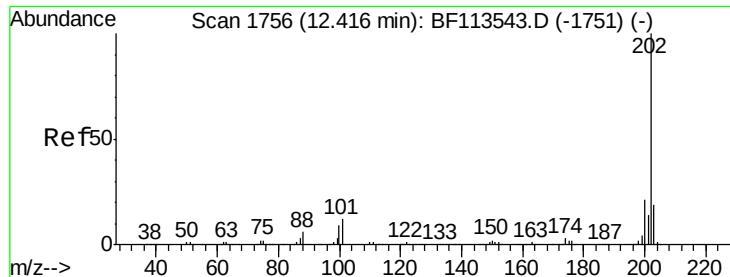
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113773.D
Acq: 15 Apr 2019 20:05

Tgt Ion:188 Resp: 442583
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.1 7.7 11.5



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

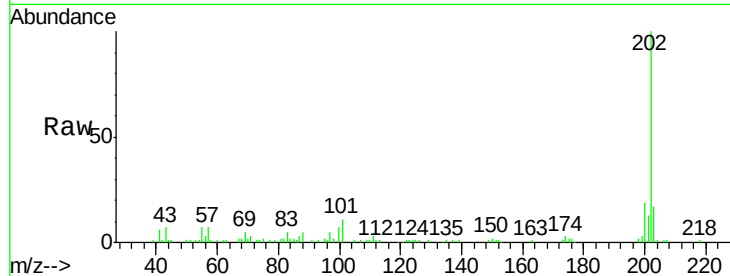




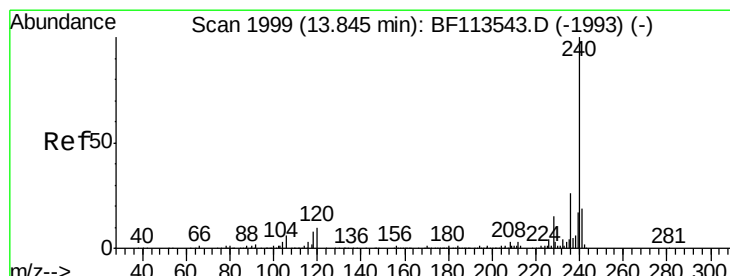
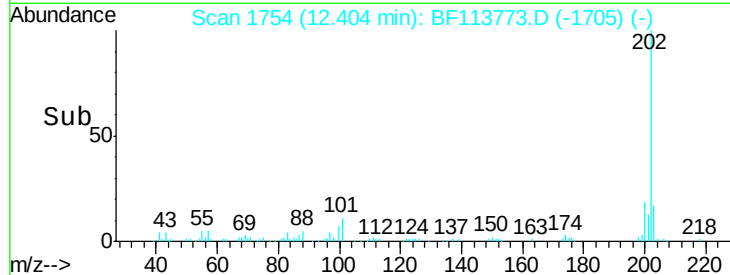
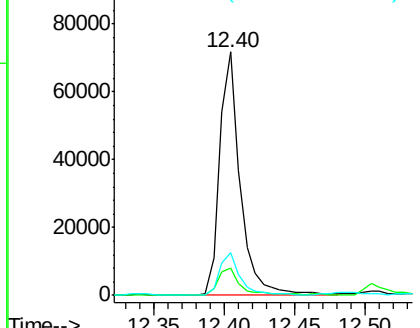
#75
 Fluoranthene
 Concen: 3.103 ng
 RT: 12.40 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BF113773.D
 Acq: 15 Apr 2019 20:05

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Tgt Ion:	202	Resp:	73119
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.4
203	17.4	0.0	38.0

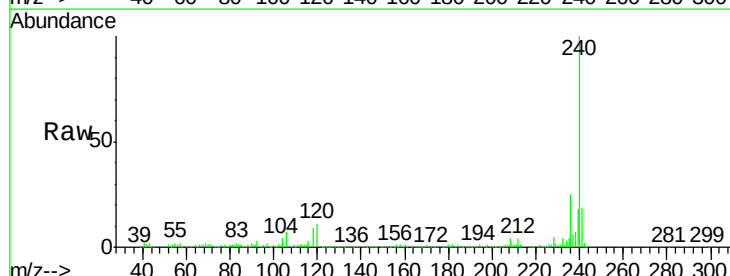


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

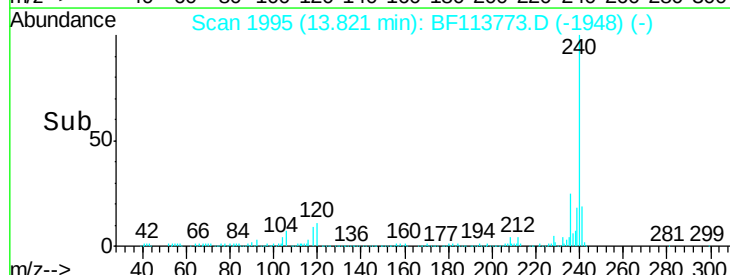
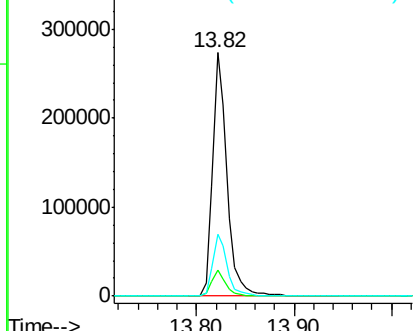


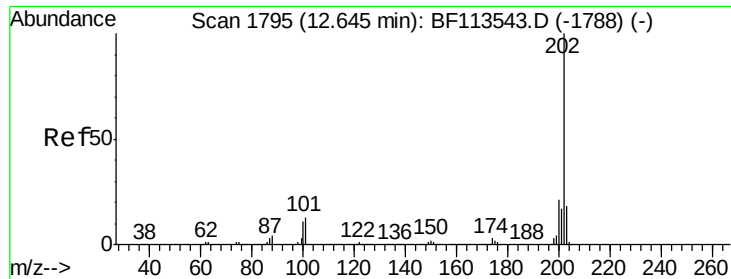
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF113773.D
 Acq: 15 Apr 2019 20:05

Tgt Ion:	240	Resp:	280600
Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.8	13.2
236	25.4	20.9	31.3



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

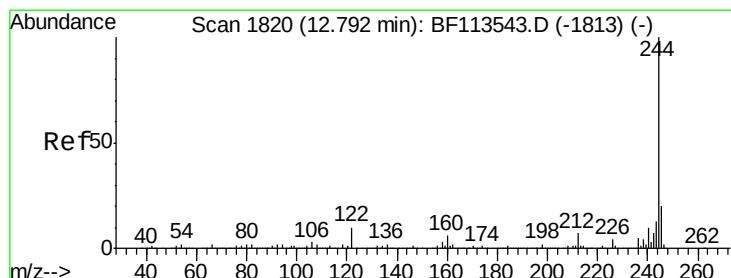
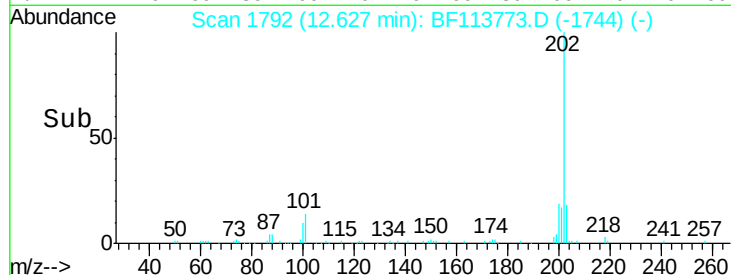
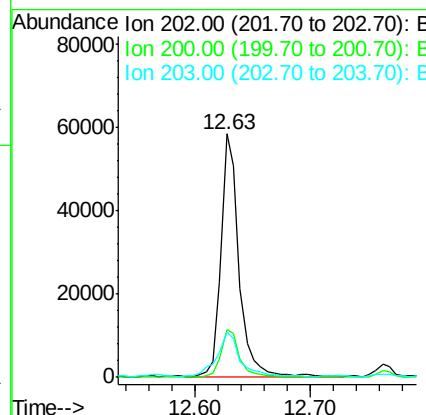
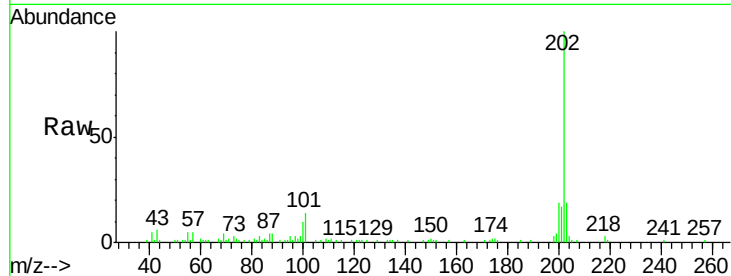




#78
 Pyrene
 Concen: 3.002 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BF113773.D
 Acq: 15 Apr 2019 20:05

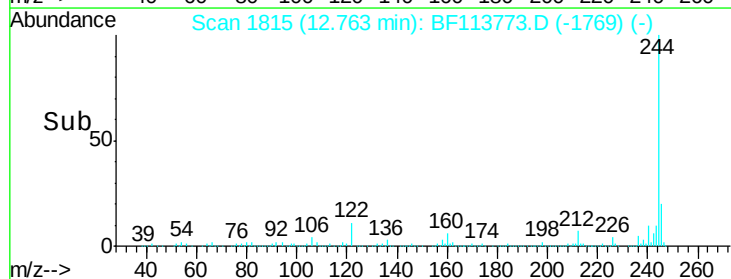
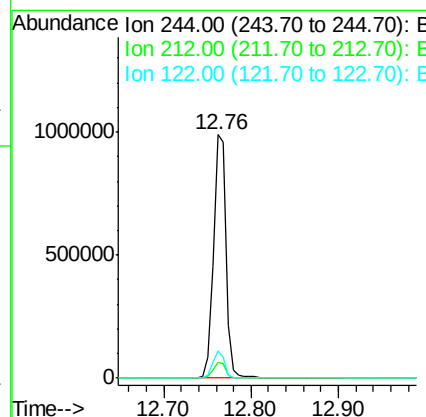
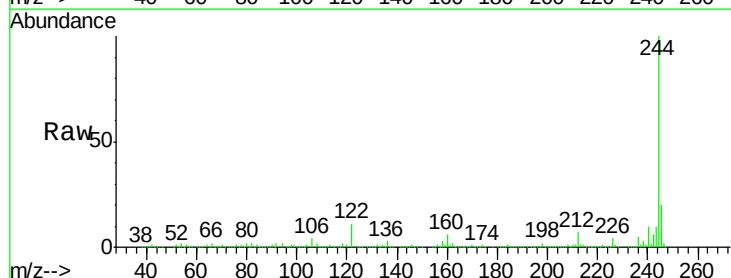
Instrument :
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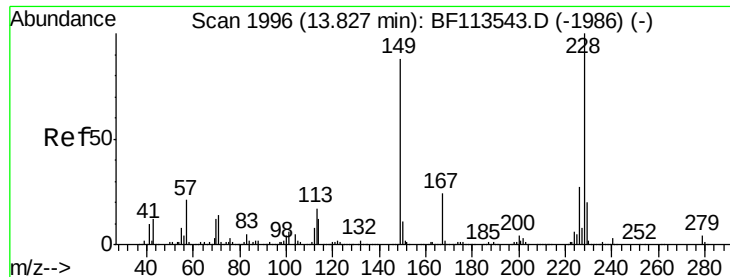
Tgt Ion: 202 Resp: 64100
 Ion Ratio Lower Upper
 202 100
 200 19.5 16.8 25.2
 203 18.6 14.4 21.6



#79
 Terphenyl-d14
 Concen: 71.804 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BF113773.D
 Acq: 15 Apr 2019 20:05

Tgt Ion: 244 Resp: 989596
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.4 8.6 13.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.315 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.03 min

Lab File: BF113773.D

Acq: 15 Apr 2019 20:05

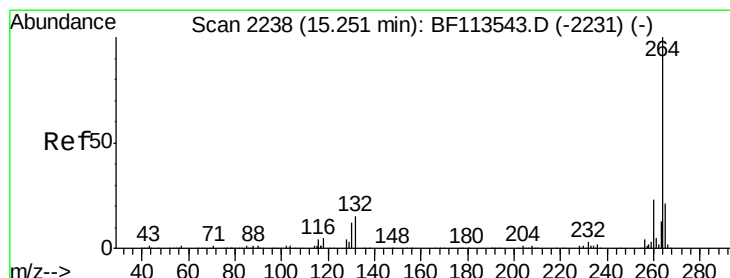
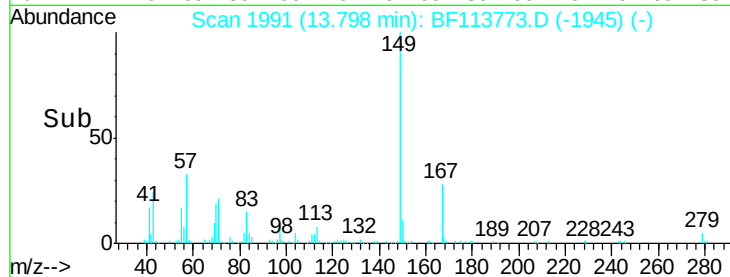
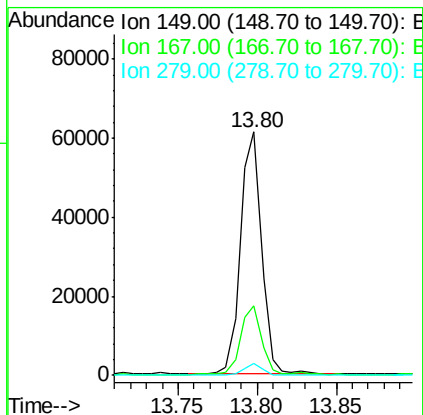
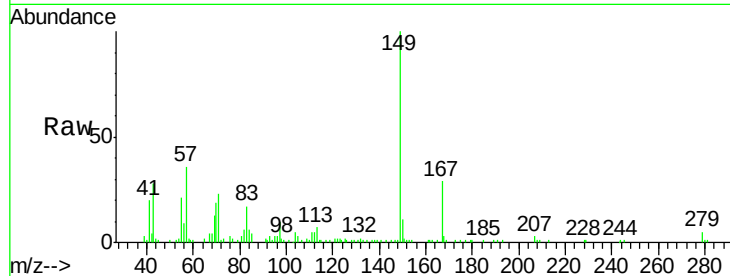
Instrument :

BNA_F

ClientSampleId :

RBR-200048-49

Tgt Ion:	149	Resp:	55852
Ion Ratio	Lower	Upper	
149	100		
167	28.6	21.8	32.8
279	4.7	2.9	4.3#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113773.D

Acq: 15 Apr 2019 20:05

Tgt Ion:	264	Resp:	340216
Ion Ratio	Lower	Upper	
264	100		
260	22.7	19.1	28.7
265	21.2	17.1	25.7

