

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120218.D
 Acq On : 27 Apr 2020 14:55
 Operator : MA/SJ
 Sample : L2407-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010

Quant Time: Apr 27 15:47:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

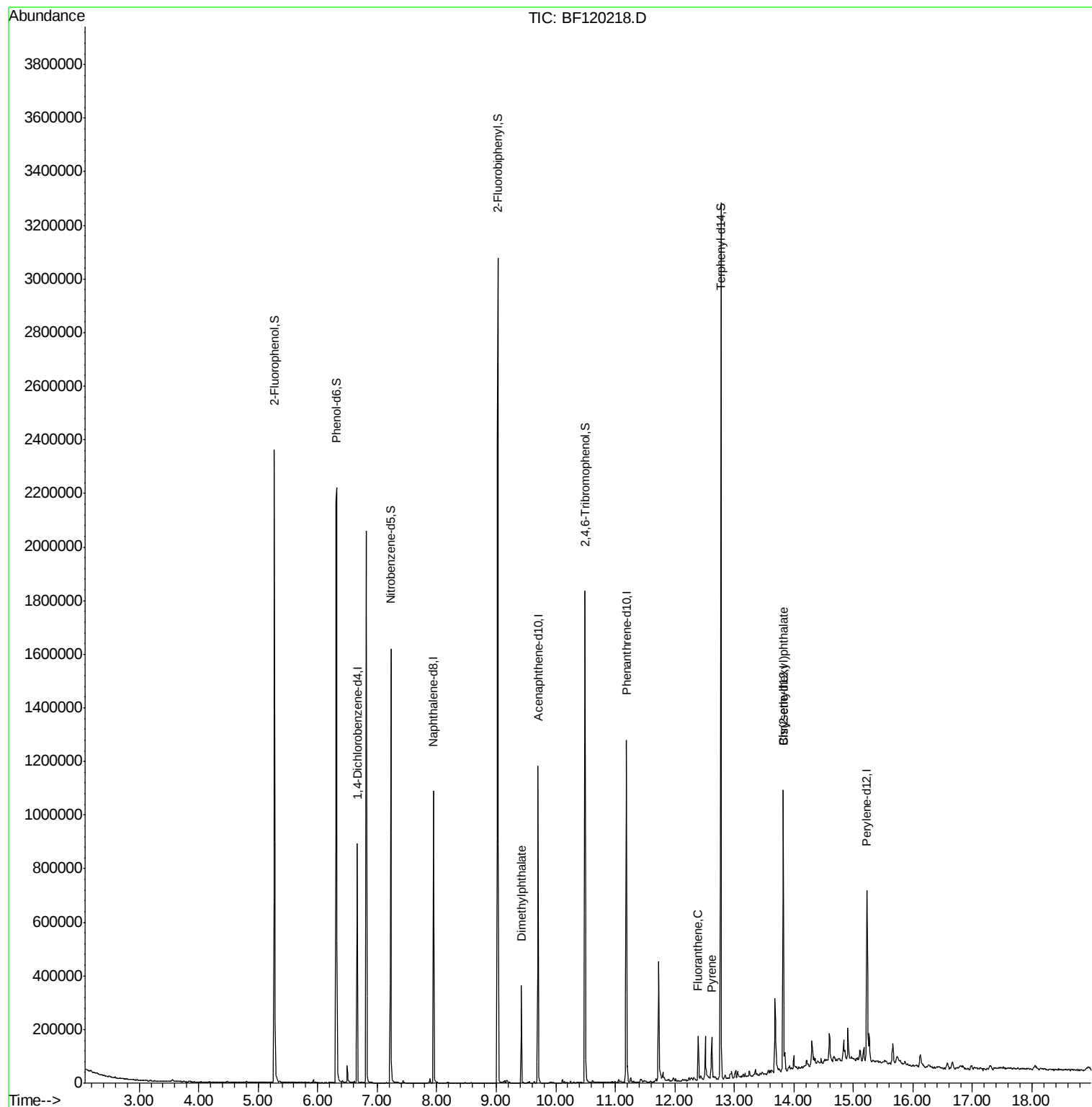
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	122628	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	471855	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	243984	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	472965	20.00	ng	0.00
76) Chrysene-d12	13.82	240	334918	20.00	ng	-0.02
87) Perylene-d12	15.23	264	284945	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	612834	86.37	ng	0.00
7) Phenol-d6	6.32	99	774959	84.76	ng	-0.01
23) Nitrobenzene-d5	7.23	82	472986	51.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.49	330	204628	68.50	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	930686	54.16	ng	0.00
79) Terphenyl-d14	12.77	244	1068408	53.68	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.42	163	123996	6.570	ng	100
75) Fluoranthene	12.39	202	69088	2.544	ng	99
78) Pyrene	12.62	202	62769	2.223	ng	95
84) Bis(2-ethylhexyl)phthalate	13.82	149	41172	2.219	ng	98

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

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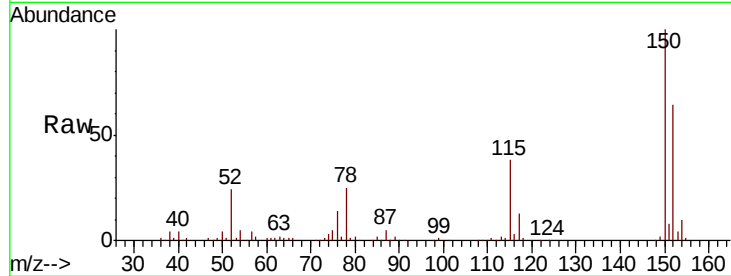


#1

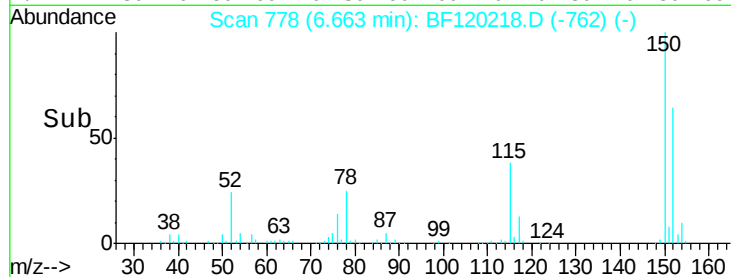
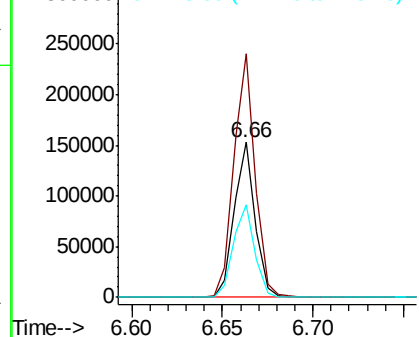
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120218.D
Acq: 27 Apr 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RBR-200010

Tot Ion:152 Resp: 122628
Ion Ratio Lower Upper
152 100
150 157.2 124.5 186.7
115 59.4 49.6 74.4



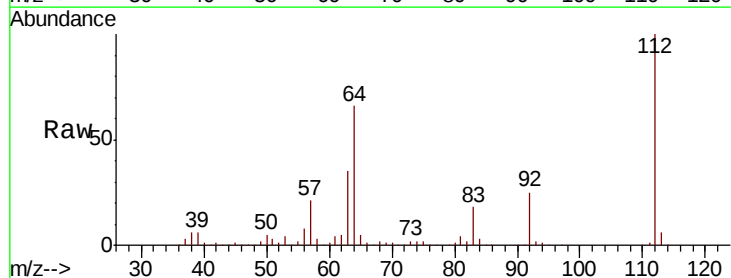
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



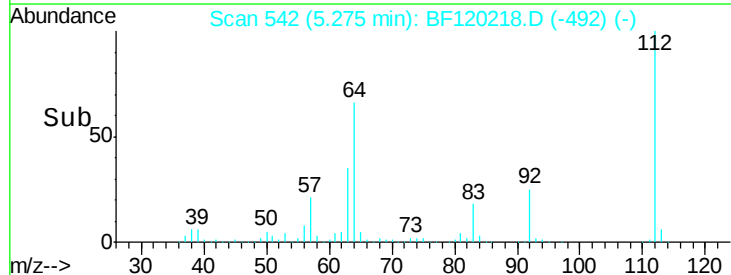
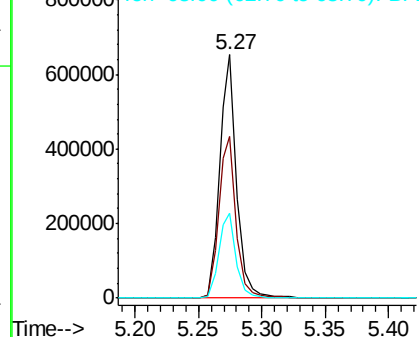
#5

2-Fluorophenol
Concen: 86.366 ng
RT: 5.27 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF120218.D
Acq: 27 Apr 2020 14:55

Tgt Ion:112 Resp: 612834
Ion Ratio Lower Upper
112 100
64 66.4 56.7 85.1
63 34.9 29.5 44.3



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: 84.757 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120218.D

Acq: 27 Apr 2020 14:55

Instrument :

BNA_F

ClientSampleId :

RBR-200010

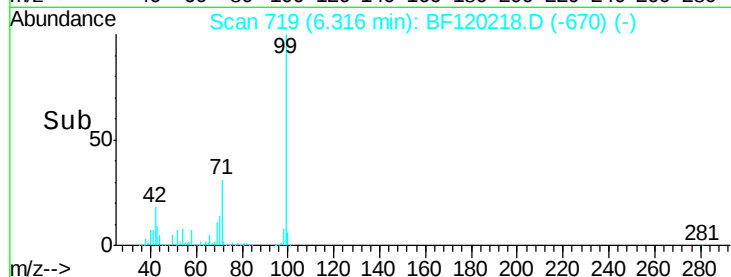
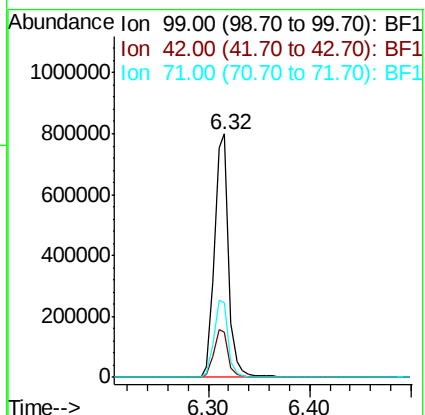
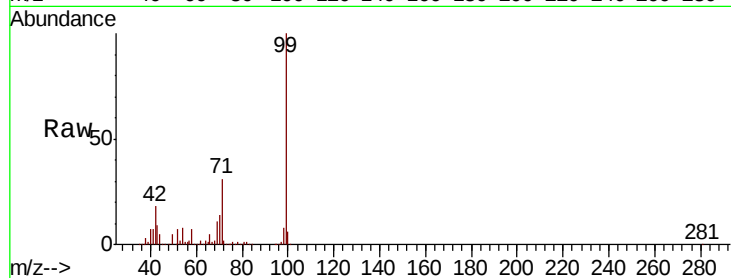
Tot Ion: 99 Resp: 774959

Ion Ratio Lower Upper

99 100

42 18.3 16.6 24.8

71 30.8 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF120218.D

Acq: 27 Apr 2020 14:55

Tgt Ion: 136 Resp: 471855

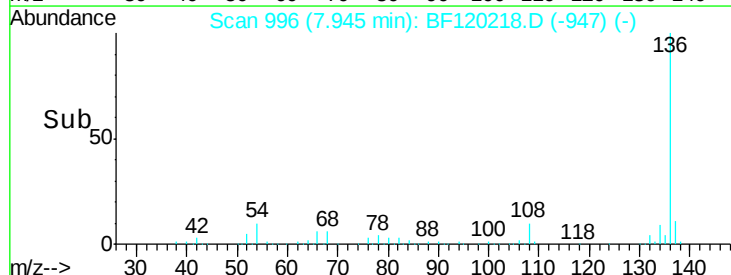
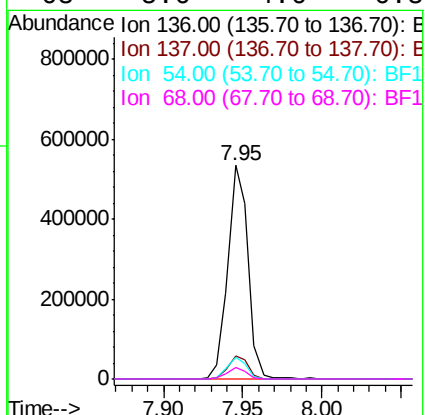
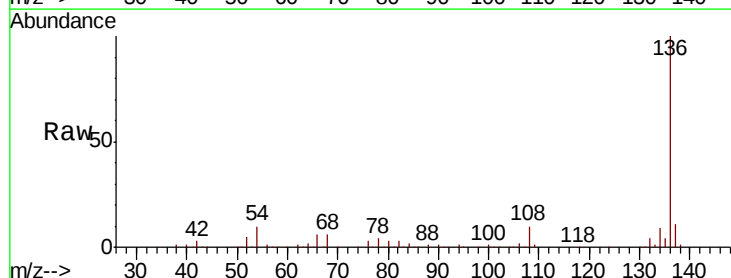
Ion Ratio Lower Upper

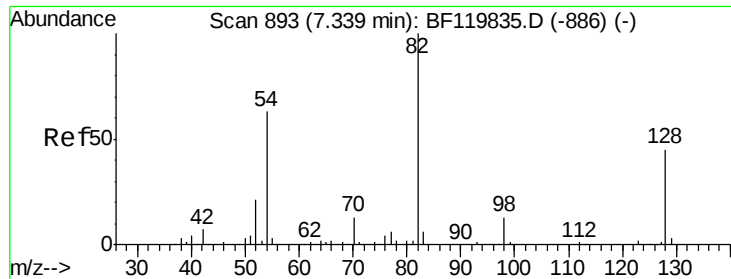
136 100

137 10.9 8.7 13.1

54 10.5 9.1 13.7

68 5.6 4.6 6.8

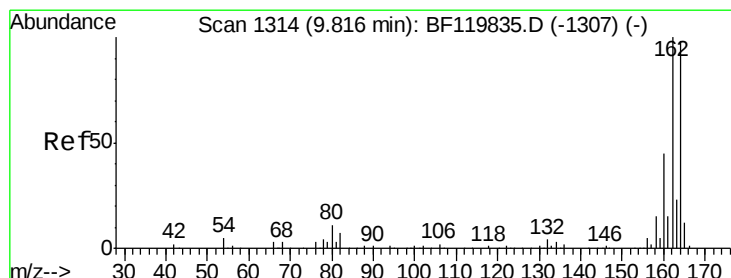
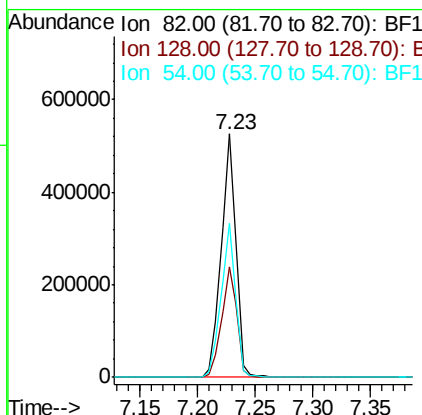
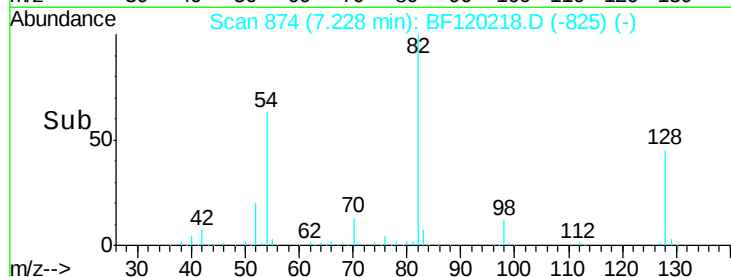
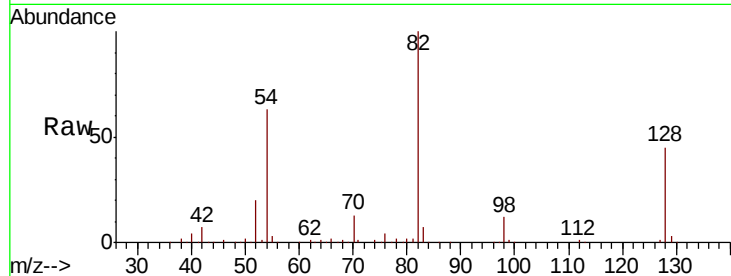




#23
 Nitrobenzene-d5
 Concen: 51.858 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF120218.D
 Acq: 27 Apr 2020 14:55

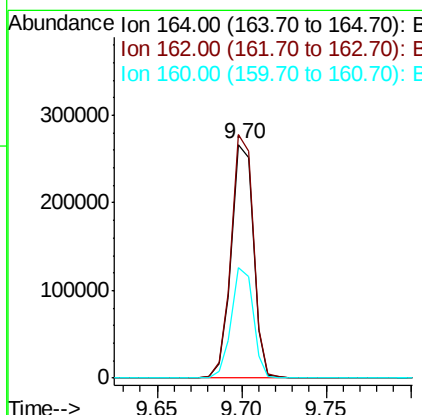
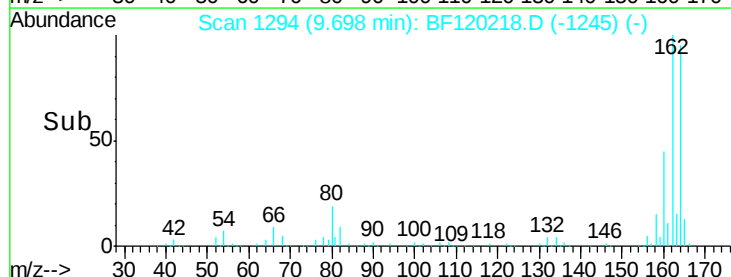
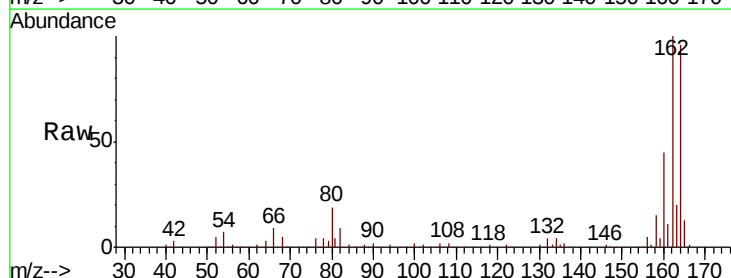
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010

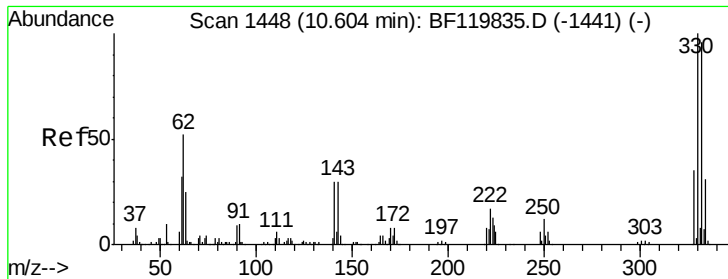
Tot Ion: 82 Resp: 472986
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.3 54.5
 54 63.0 50.6 75.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF120218.D
 Acq: 27 Apr 2020 14:55

Tgt Ion: 164 Resp: 243984
 Ion Ratio Lower Upper
 164 100
 162 104.2 80.6 121.0
 160 47.0 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 68.502 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF120218.D

Acq: 27 Apr 2020 14:55

Instrument :

BNA_F

ClientSampleId :

RBR-200010

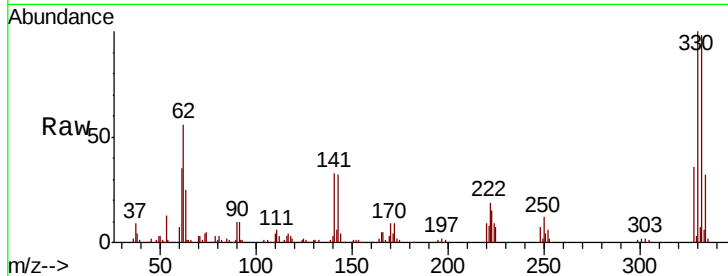
Tot Ion:330 Resp: 204628

Ion Ratio Lower Upper

330 100

332 97.7 75.7 113.5

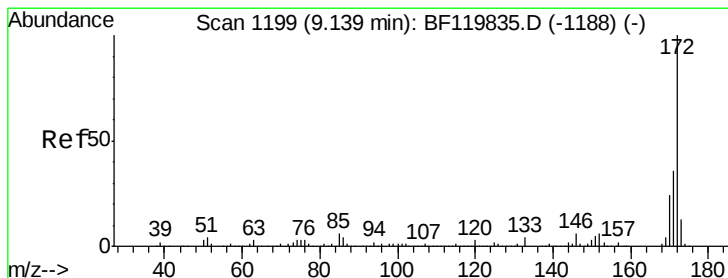
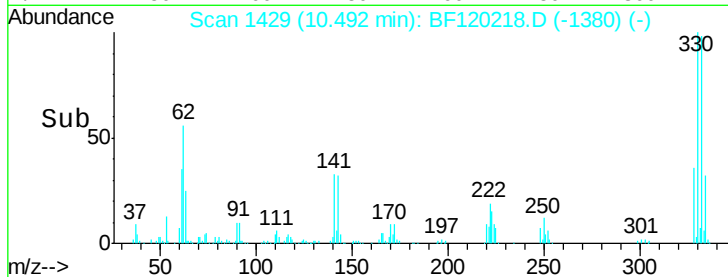
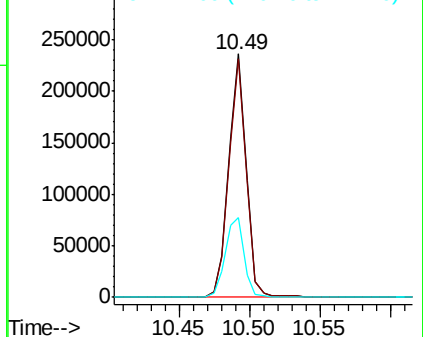
141 35.5 25.4 38.0



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: 54.158 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF120218.D

Acq: 27 Apr 2020 14:55

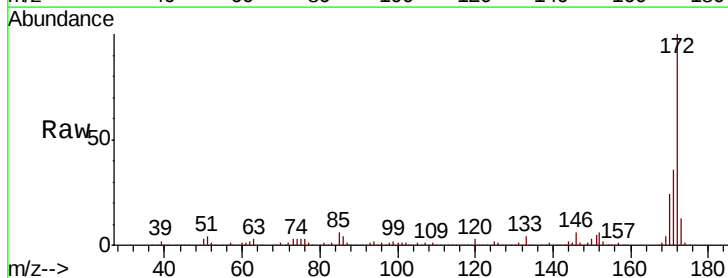
Tgt Ion:172 Resp: 930686

Ion Ratio Lower Upper

172 100

171 35.7 29.6 44.4

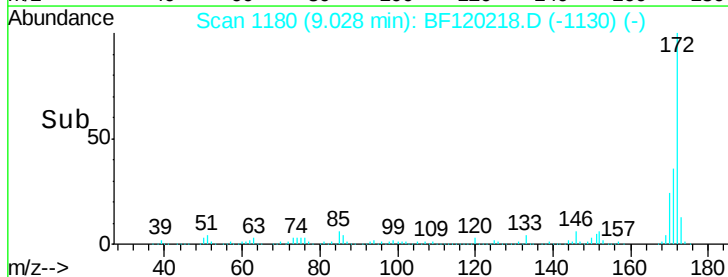
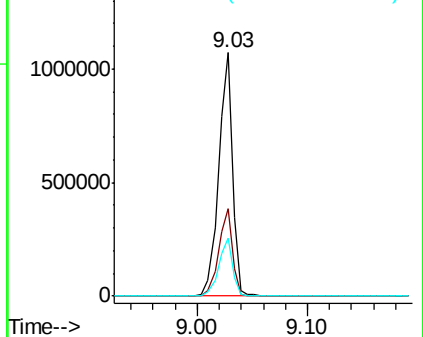
170 23.9 20.2 30.2

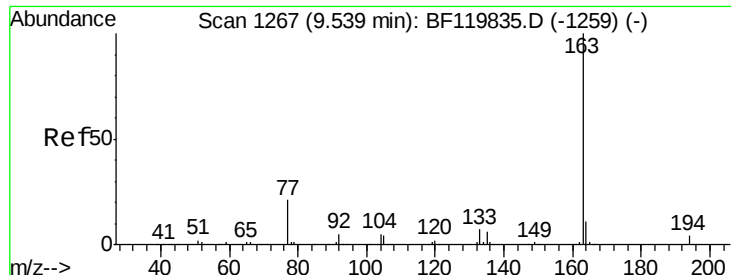


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

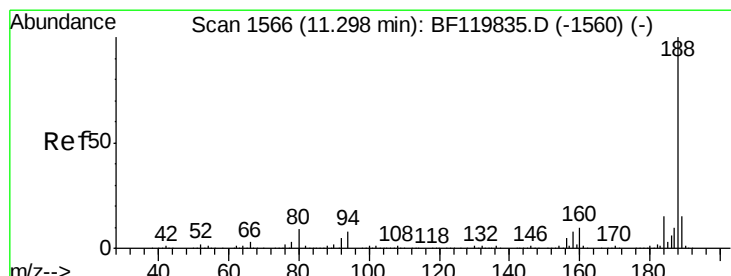
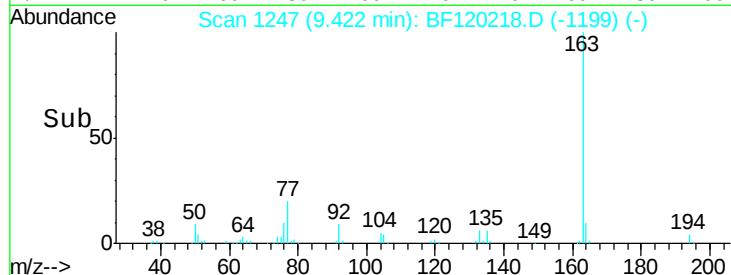
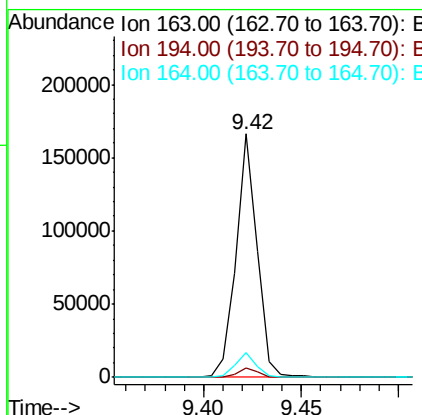
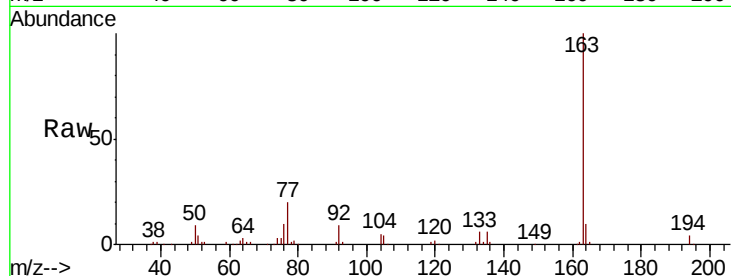




#50
Dimethylphthalate
Concen: 6.570 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF120218.D
Acq: 27 Apr 2020 14:55

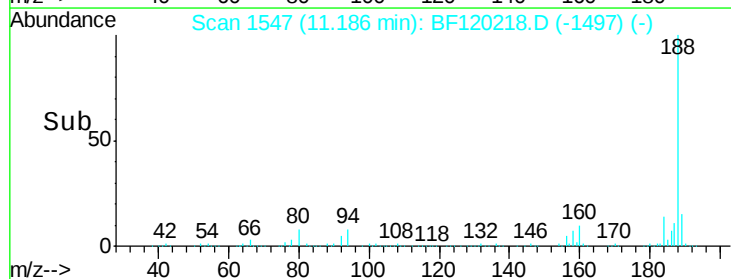
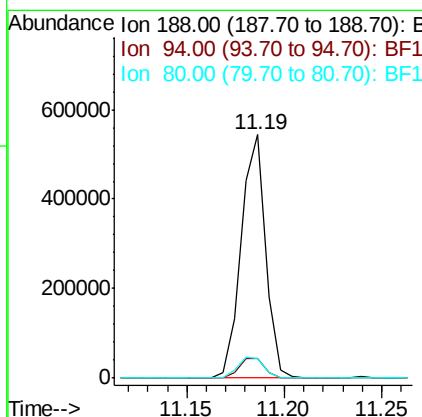
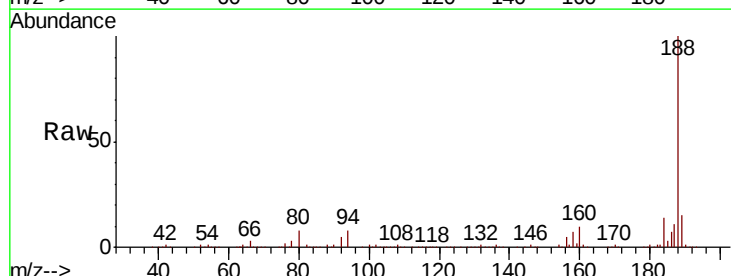
Instrument :
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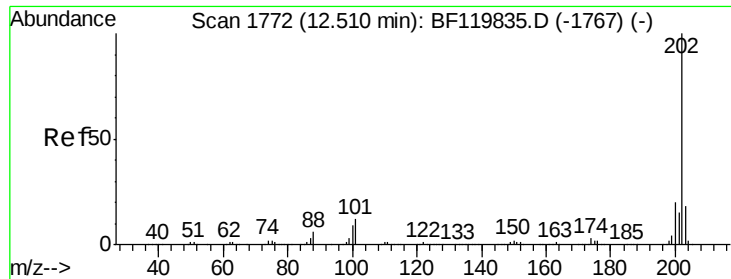
Tot Ion:163 Resp: 123996
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.3 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF120218.D
Acq: 27 Apr 2020 14:55

Tgt Ion:188 Resp: 472965
Ion Ratio Lower Upper
188 100
94 8.2 7.5 11.3
80 8.3 9.0 13.4#

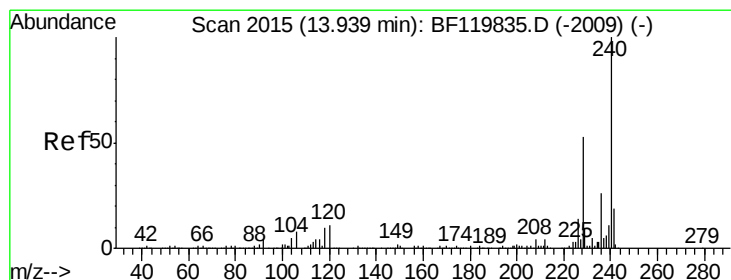
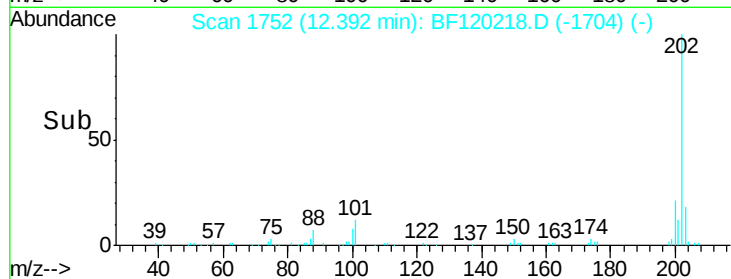
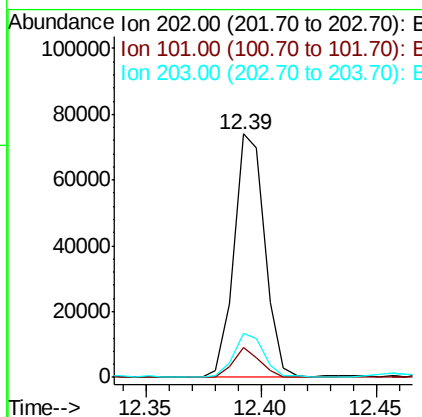
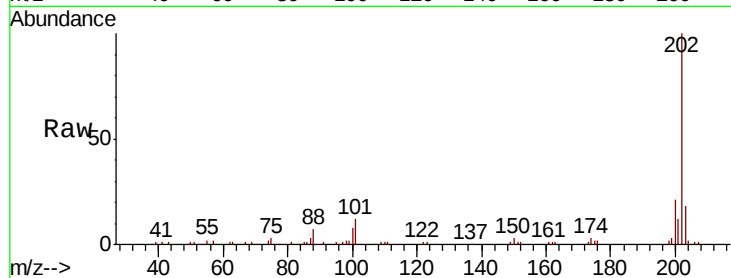




#75
Fluoranthene
Concen: 2.544 ng
RT: 12.39 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF120218.D
Acq: 27 Apr 2020 14:55

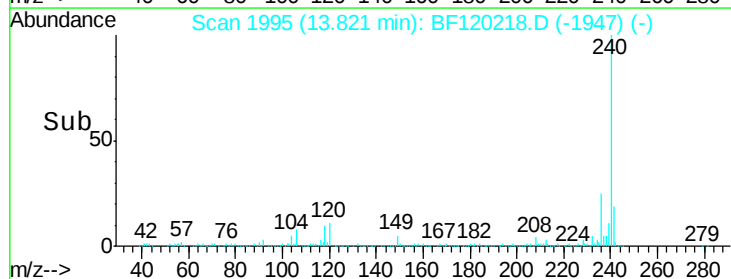
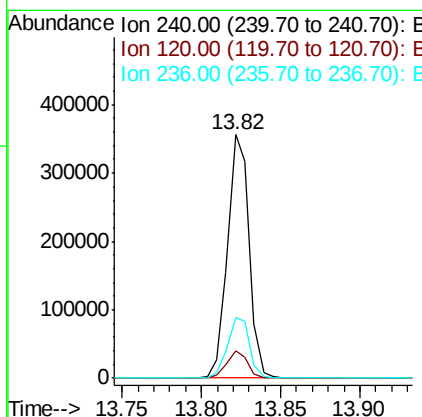
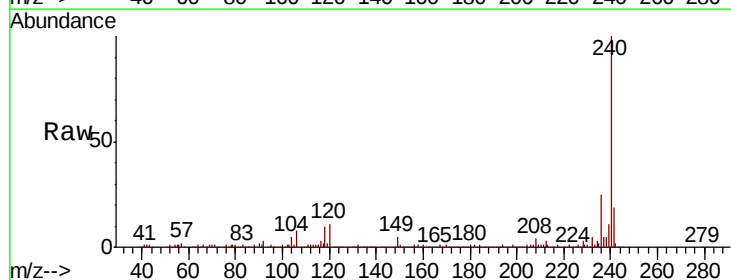
Instrument :
BNA_F
ClientSampleId :
RBR-200010

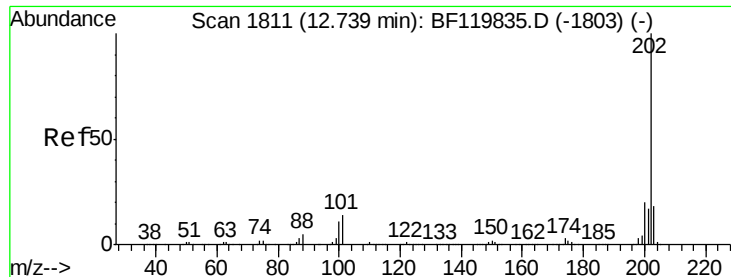
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.2
203	18.1	0.0	38.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF120218.D
Acq: 27 Apr 2020 14:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.6	15.8
236	24.9	20.2	30.2

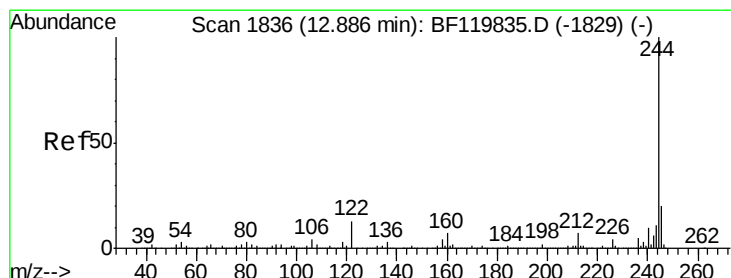
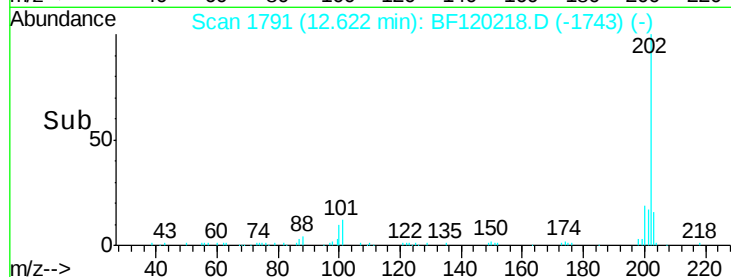
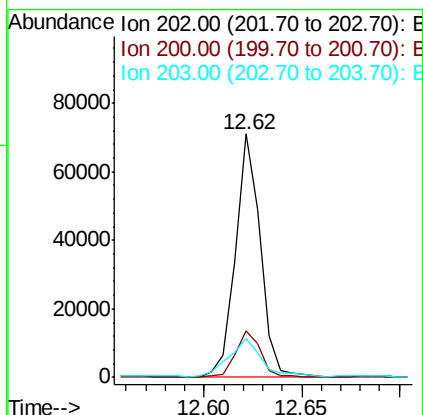
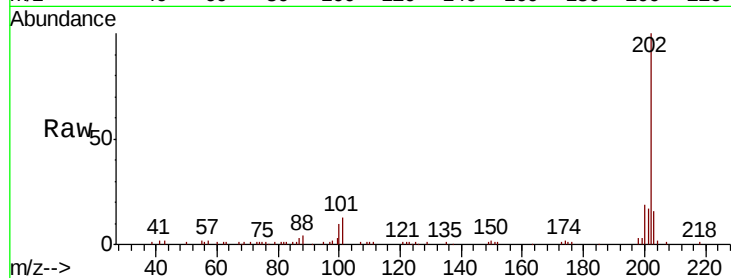




#78
Pvrene
Concen: 2.223 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BF120218.D
Acq: 27 Apr 2020 14:55

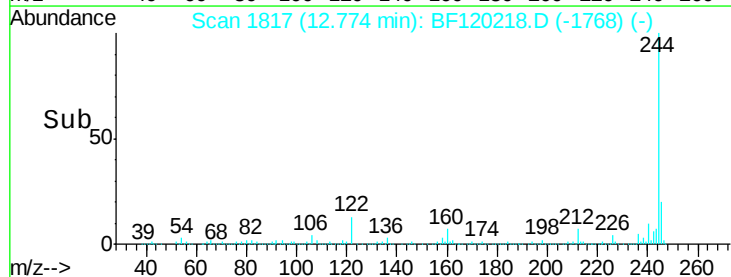
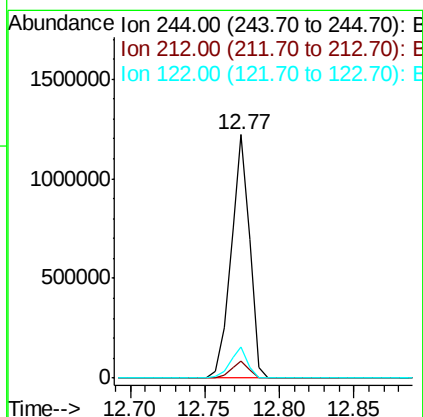
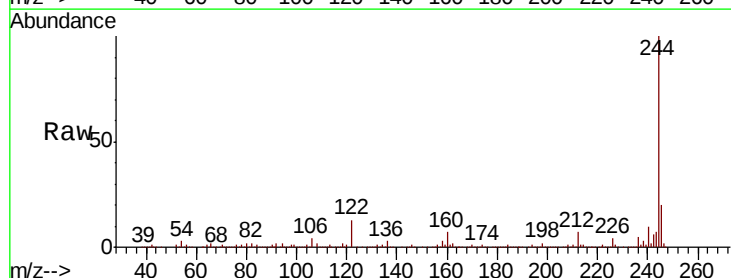
Instrument :
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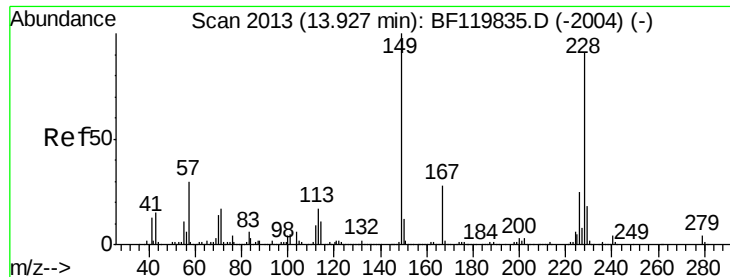
Tot Ion	Ratio	Lower	Upper
202	100		
200	18.9	16.8	25.2
203	16.2	15.1	22.7



#79
Terphenyl-d14
Concen: 53.678 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF120218.D
Acq: 27 Apr 2020 14:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.7	10.3	15.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.219 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF120218.D

Acq: 27 Apr 2020 14:55

Instrument :

BNA_F

ClientSampleId :

RBR-200010

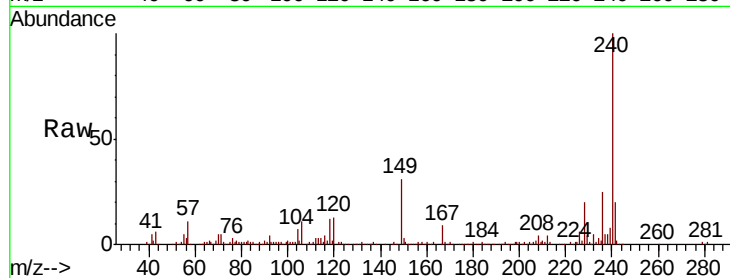
Tot Ion:149 Resp: 41172

Ion Ratio Lower Upper

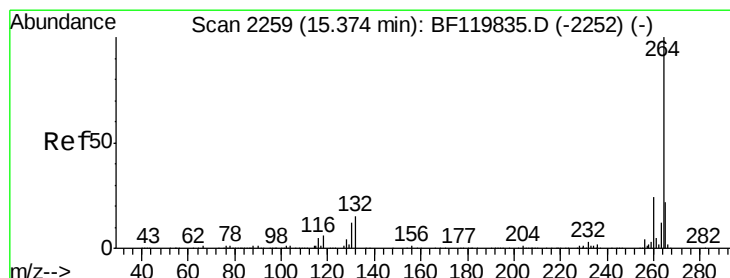
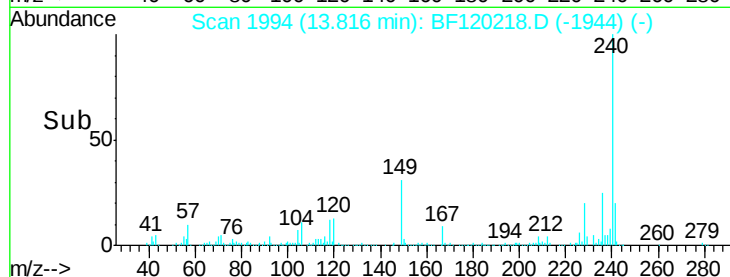
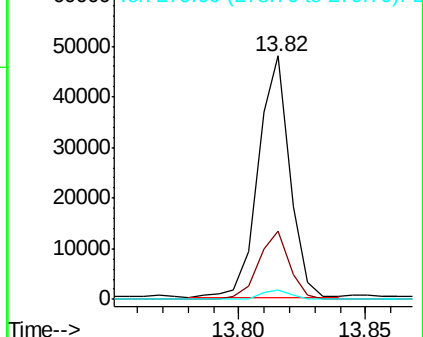
149 100

167 27.9 21.3 31.9

279 3.7 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF120218.D

Acq: 27 Apr 2020 14:55

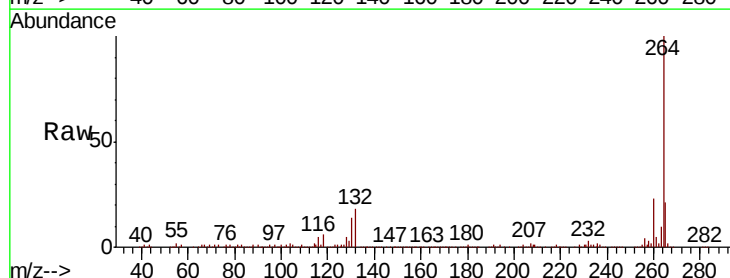
Tgt Ion:264 Resp: 284945

Ion Ratio Lower Upper

264 100

260 22.6 18.7 28.1

265 21.5 17.7 26.5



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

