

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119791.D
 Acq On : 7 Apr 2020 00:52
 Operator : MA/SJ
 Sample : L2129-39
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Apr 07 02:18:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	183165	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	701824	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	357521	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	698369	20.00	ng	0.00
76) Chrysene-d12	13.95	240	523184	20.00	ng	0.00
87) Perylene-d12	15.39	264	480120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1619134	140.72	ng	0.02
7) Phenol-d6	6.42	99	1855658	126.25	ng	0.00
23) Nitrobenzene-d5	7.35	82	1397779	108.24	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	659340	178.76	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2685227	111.27	ng	0.00
79) Terphenyl-d14	12.91	244	2862017	107.18	ng	0.00

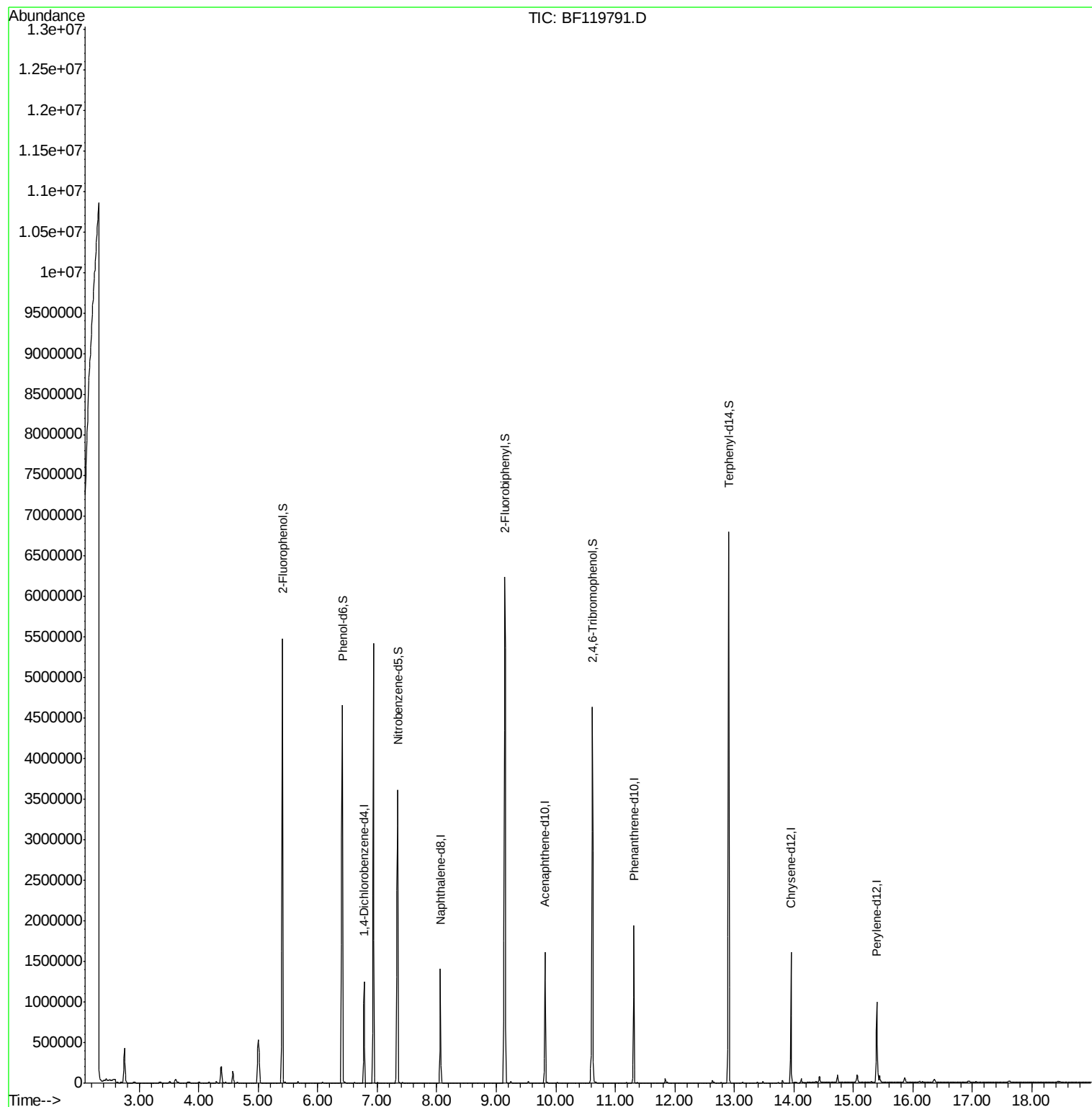
Target Compounds Qvalue

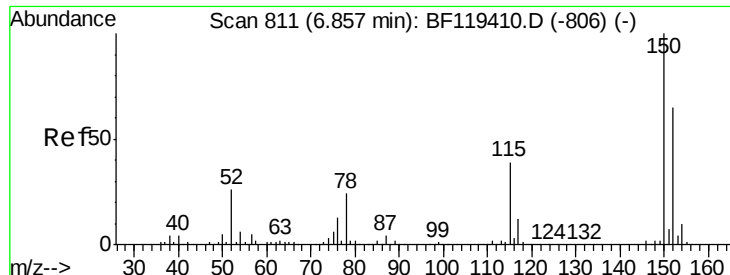
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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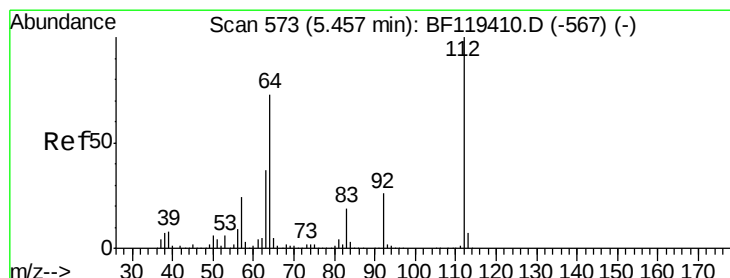
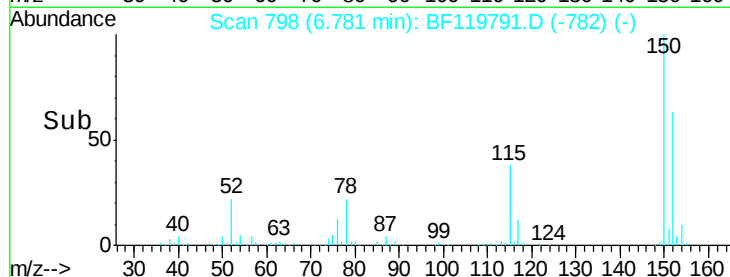
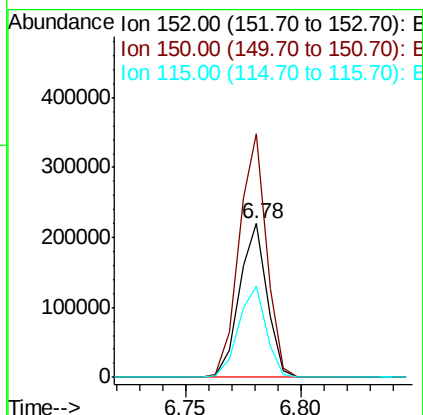
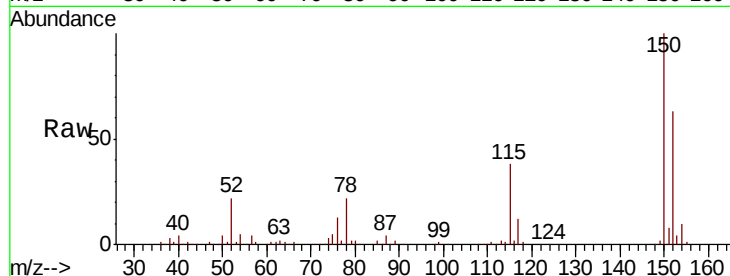


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119791.D
Acq: 7 Apr 2020 00:52

Instrument :
BNA_F
ClientSampleId :
TP-6

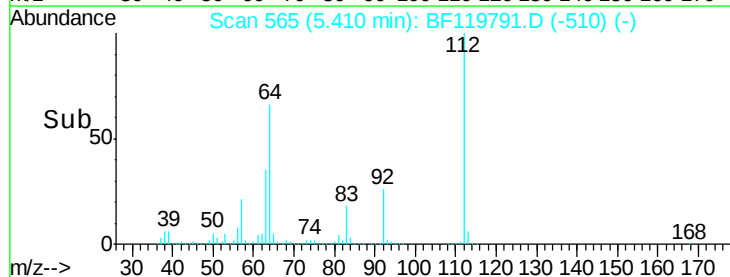
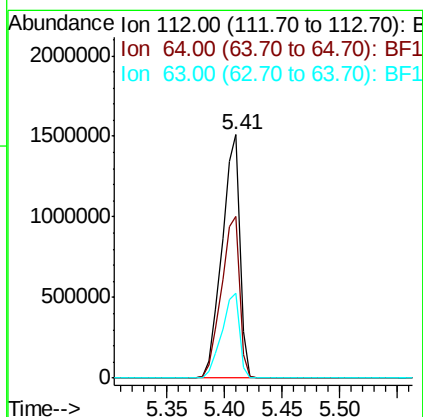
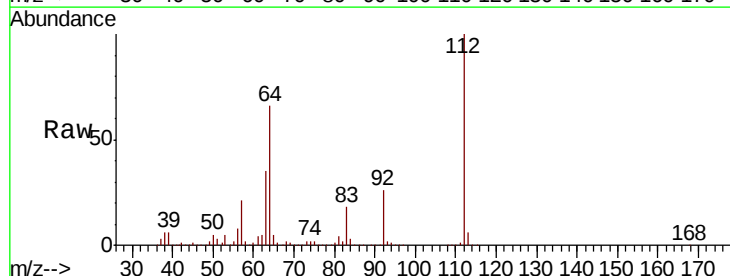
Tot Ion:152 Resp: 183165
Ion Ratio Lower Upper
152 100
150 158.2 124.5 186.7
115 59.5 49.6 74.4

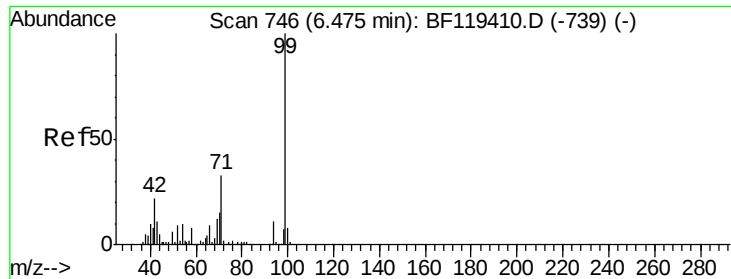


#5

2-Fluorophenol
Concen: 140.721 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF119791.D
Acq: 7 Apr 2020 00:52

Tgt Ion:112 Resp: 1619134
Ion Ratio Lower Upper
112 100
64 66.3 56.7 85.1
63 35.0 29.5 44.3





#7

Phenol-d6

Concen: 126.251 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119791.D

Acq: 7 Apr 2020 00:52

Instrument :

BNA_F

ClientSampleId :

TP-6

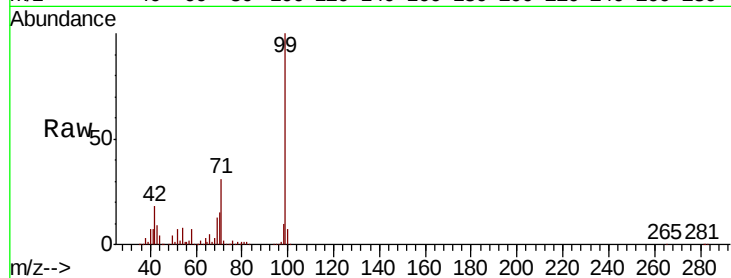
Tot Ion: 99 Resp: 1855658

Ion Ratio Lower Upper

99 100

42 18.1 16.6 24.8

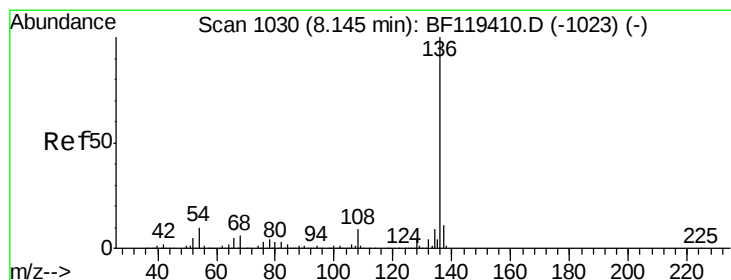
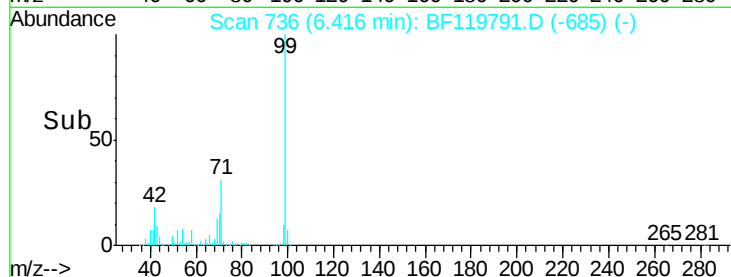
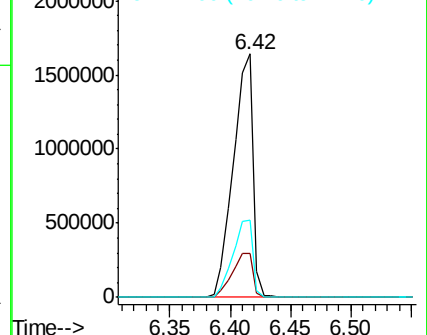
71 31.5 26.4 39.6



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: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF119791.D

Acq: 7 Apr 2020 00:52

Tgt Ion: 136 Resp: 701824

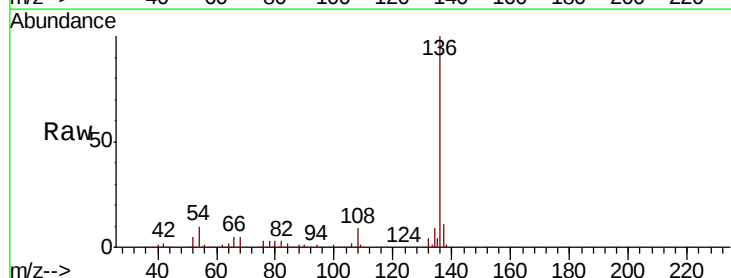
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.3 9.1 13.7

68 5.0 4.6 6.8

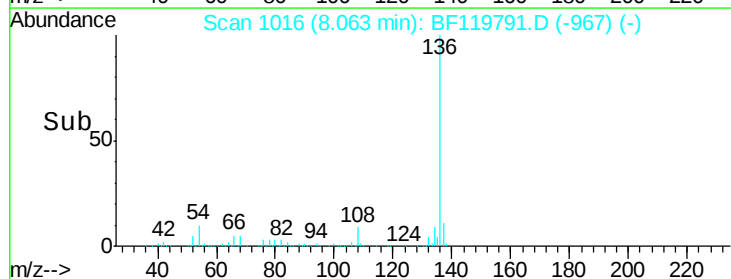
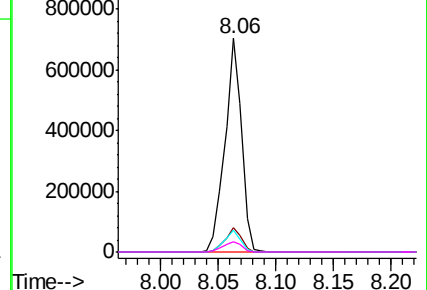


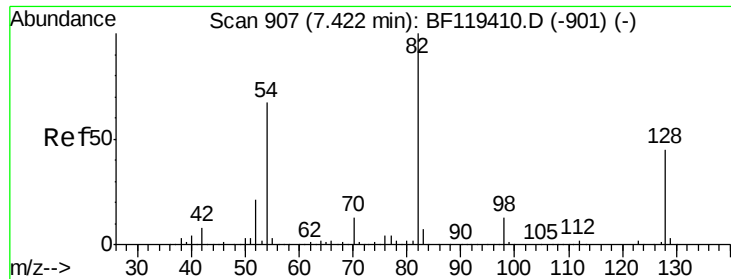
Abundance Ion 136.00 (135.70 to 136.70): E

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

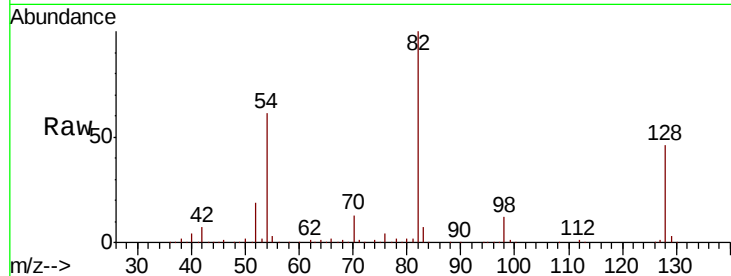




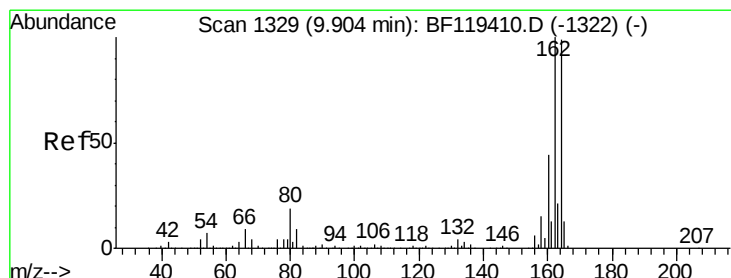
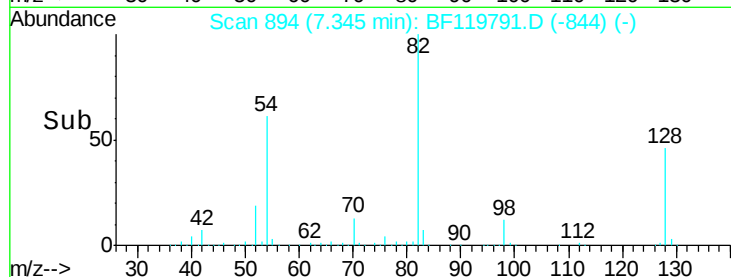
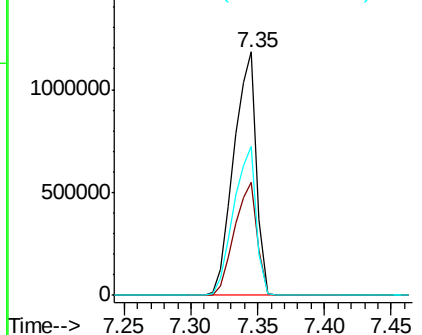
#23
 Nitrobenzene-d5
 Concen: 108.241 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF119791.D
 Acq: 7 Apr 2020 00:52

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Tot Ion: 82 Resp: 1397779
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.3 54.5
 54 61.4 50.6 75.8

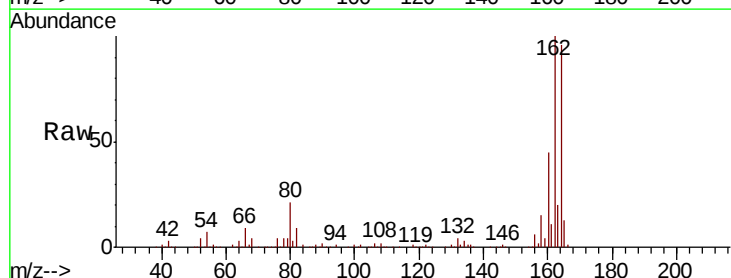


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

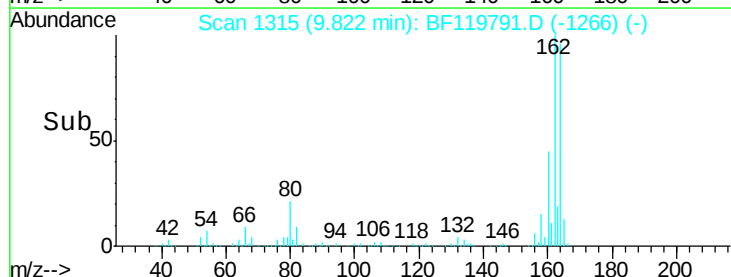
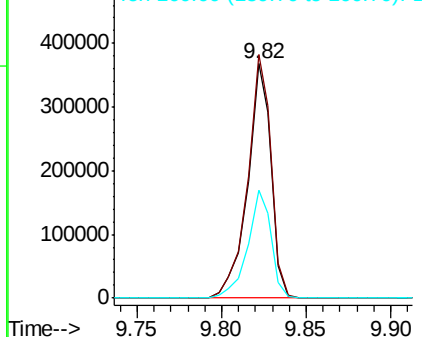


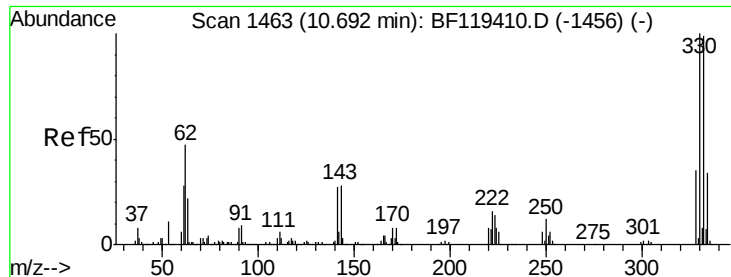
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF119791.D
 Acq: 7 Apr 2020 00:52

Tgt Ion:164 Resp: 357521
 Ion Ratio Lower Upper
 164 100
 162 103.8 80.6 121.0
 160 46.2 35.7 53.5



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

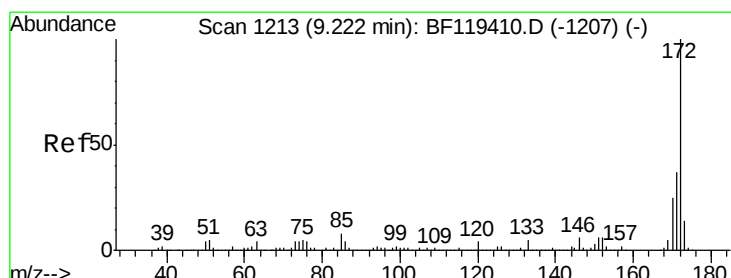
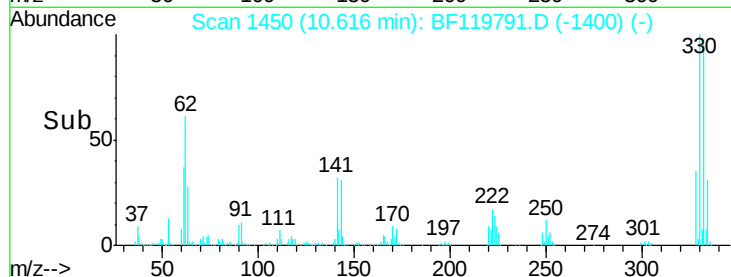
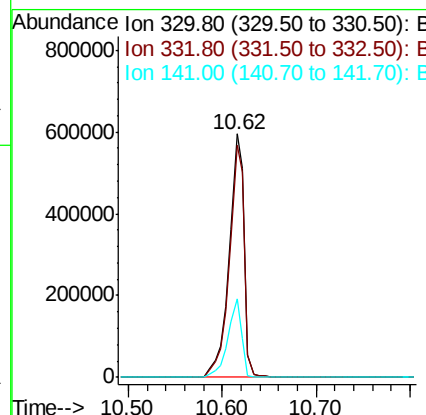
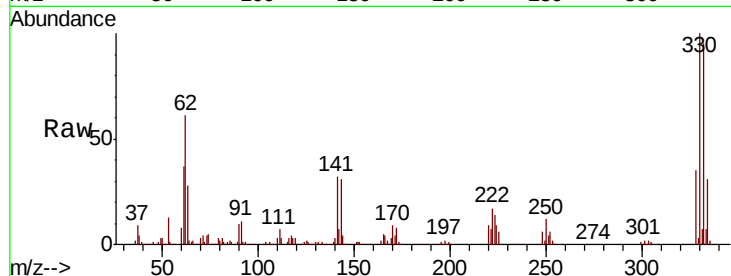




#42
 2,4,6-Tribromophenol
 Concen: 178.760 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119791.D
 Acq: 7 Apr 2020 00:52

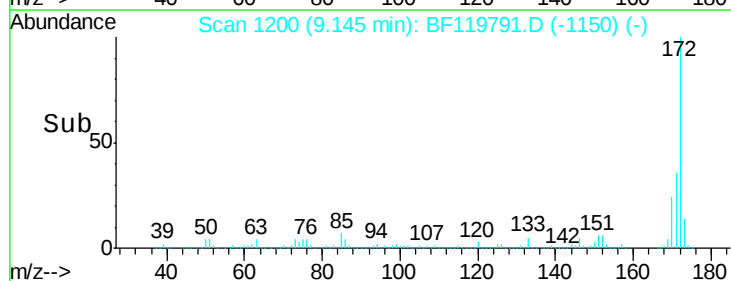
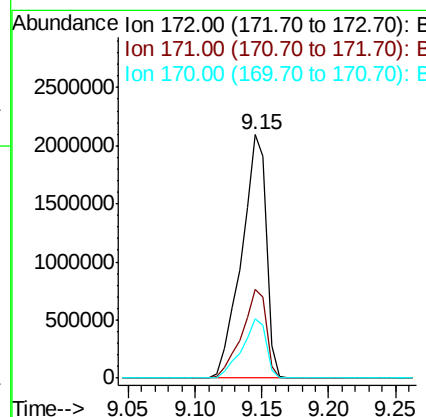
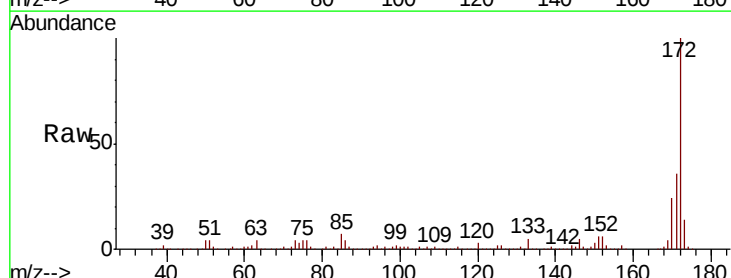
Instrument :
 BNA_F
 ClientSampleId :
 TP-6

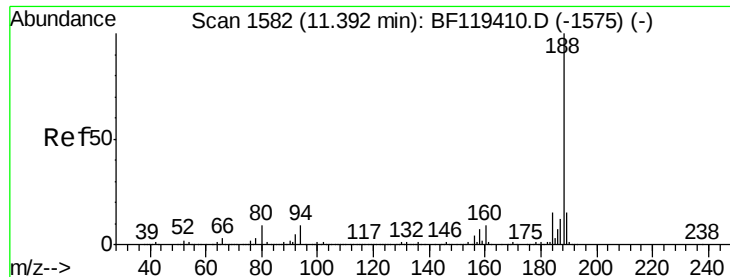
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.7	113.5
141	30.2	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 111.269 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119791.D
 Acq: 7 Apr 2020 00:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.5	20.2	30.2

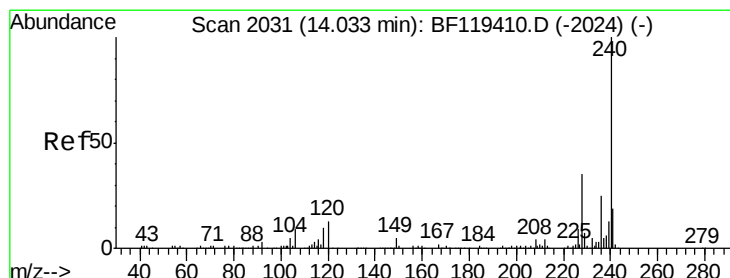
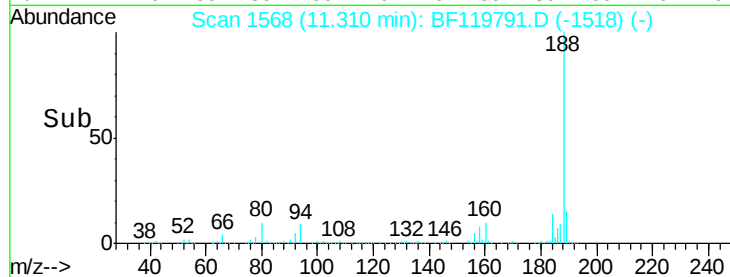
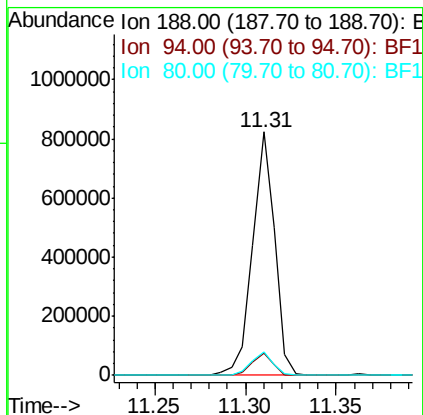
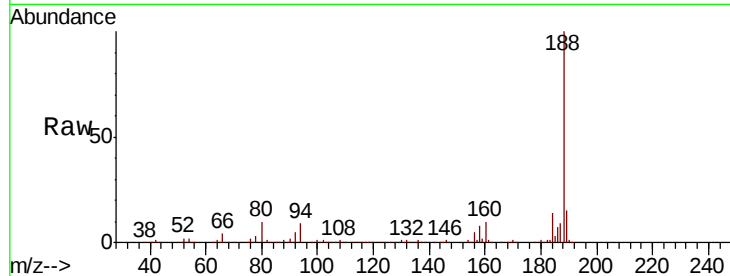




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119791.D
Acq: 7 Apr 2020 00:52

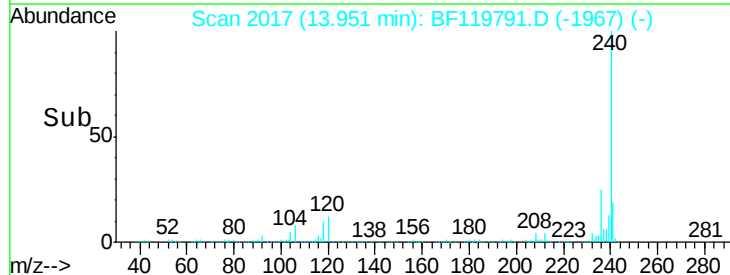
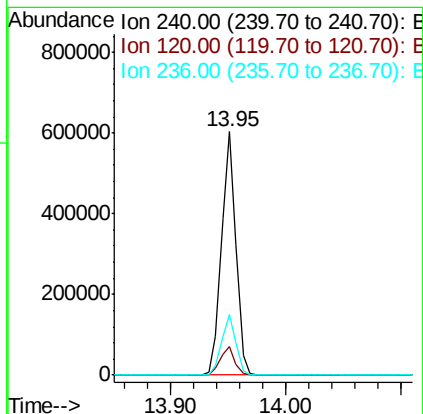
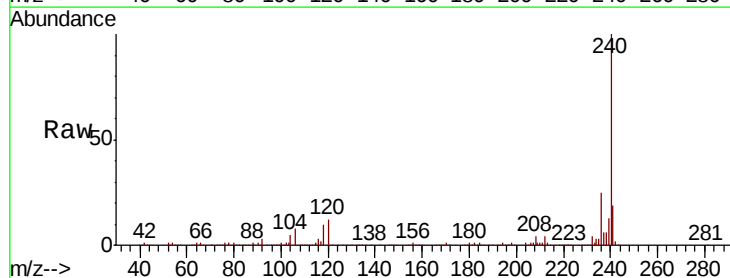
Instrument :
BNA_F
ClientSampled :
TP-6

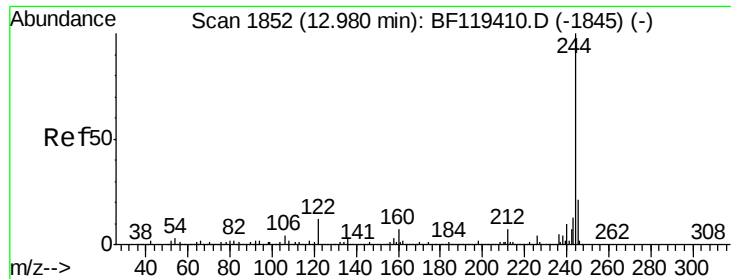
Tot Ion:188 Resp: 698369
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.7 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119791.D
Acq: 7 Apr 2020 00:52

Tgt Ion:240 Resp: 523184
Ion Ratio Lower Upper
240 100
120 11.5 10.6 15.8
236 25.0 20.2 30.2



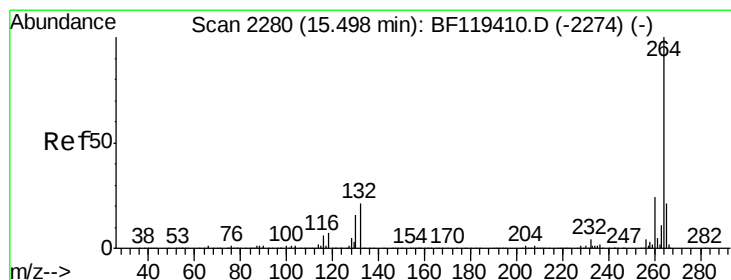
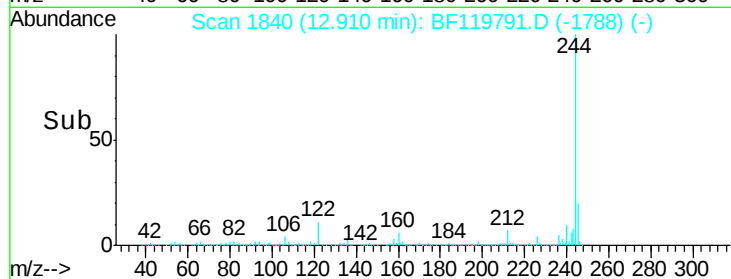
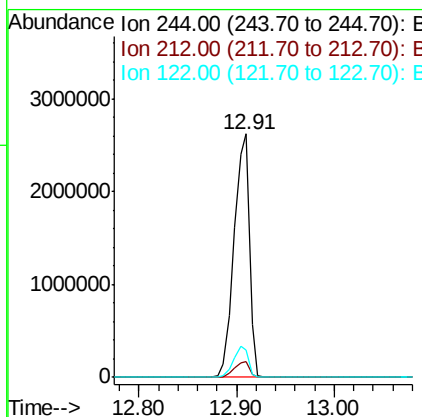
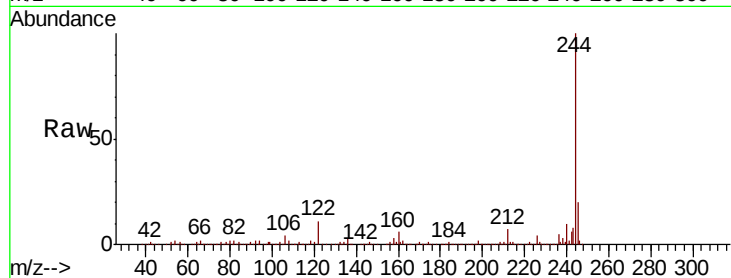


#79
 Terphenyl-d14
 Concen: 107.176 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF119791.D
 Acq: 7 Apr 2020 00:52

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:244 Resp: 2862017

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.4	10.3	15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BF119791.D
 Acq: 7 Apr 2020 00:52

Tgt Ion:264 Resp: 480120

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.5	17.7	26.5

