

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120160.D
 Acq On : 23 Apr 2020 13:49
 Operator : MA/SJ
 Sample : PB128435BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128435BL

Quant Time: Apr 23 14:20:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	132190	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	515470	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	282146	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	571785	20.00	ng	0.00
76) Chrysene-d12	13.82	240	460246	20.00	ng	-0.01
87) Perylene-d12	15.22	264	429108	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1095061	143.16	ng	0.00
7) Phenol-d6	6.30	99	1410571	143.12	ng	0.00
23) Nitrobenzene-d5	7.23	82	886150	88.94	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	429732	124.40	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1752677	88.20	ng	0.00
79) Terphenyl-d14	12.78	244	2164509	79.13	ng	0.00

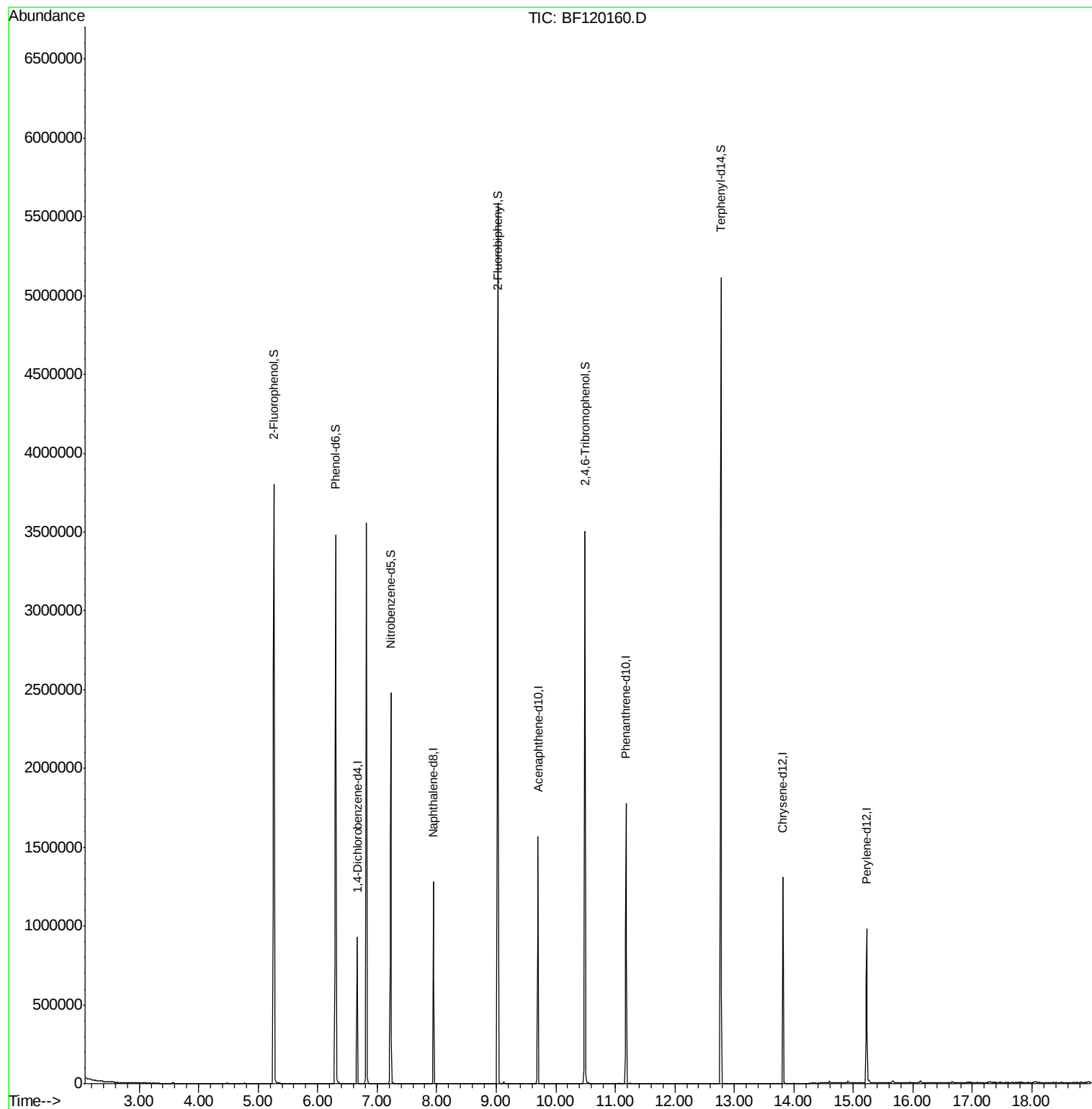
Target Compounds Qvalue

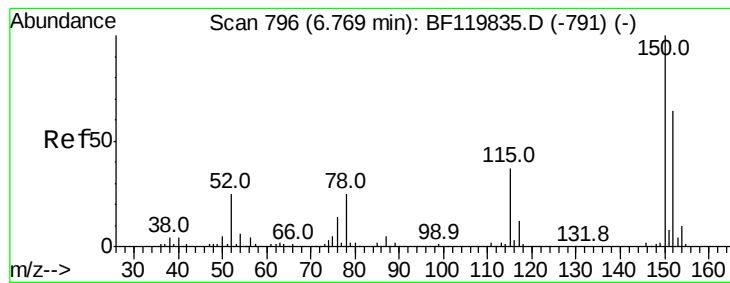
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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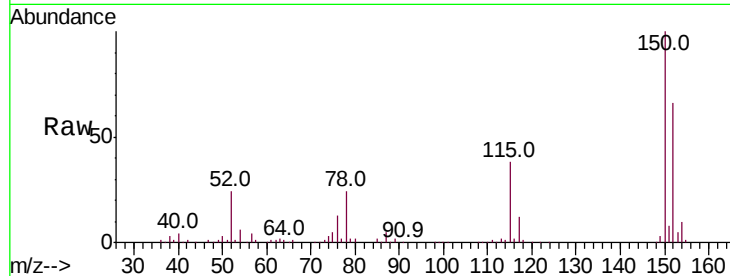


#1

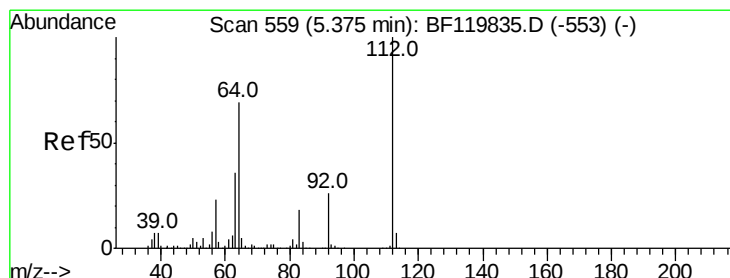
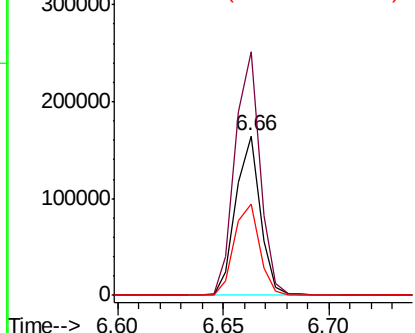
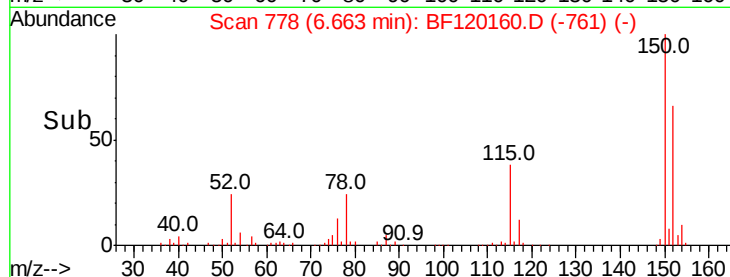
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF120160.D
 Acq: 23 Apr 2020 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB128435BL

Tot Ion:152 Resp: 132190
 Ion Ratio Lower Upper
 152 100
 150 152.4 124.5 186.7
 115 57.2 49.6 74.4



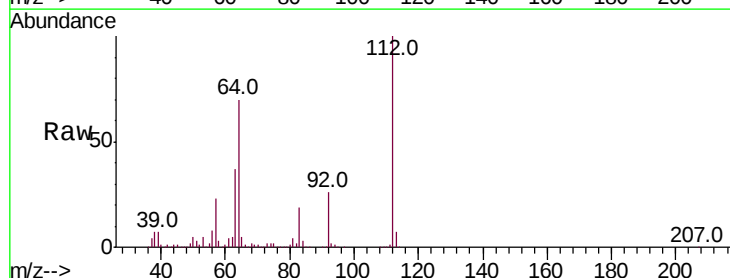
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



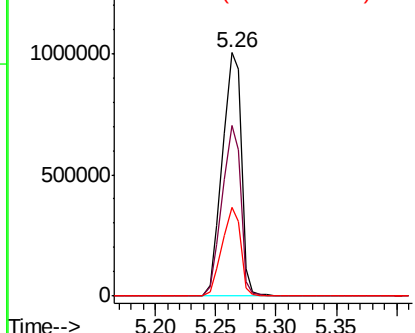
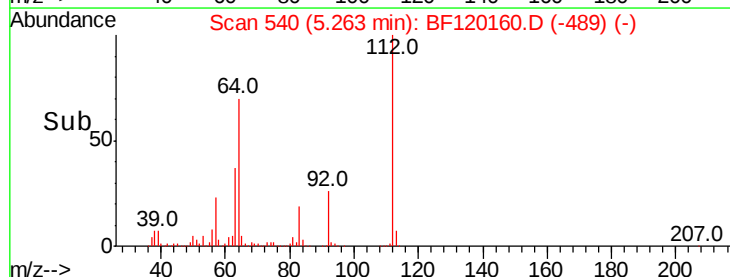
#5

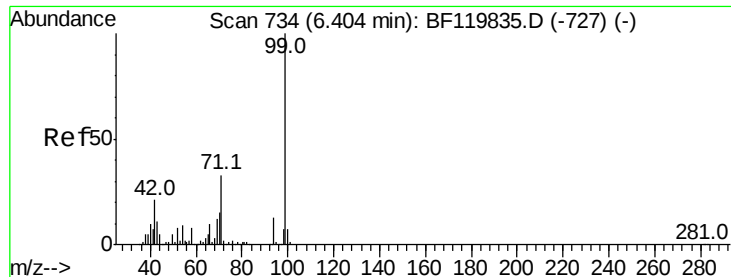
2-Fluorophenol
 Concen: 143.163 ng
 RT: 5.26 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF120160.D
 Acq: 23 Apr 2020 13:49

Tgt Ion:112 Resp: 1095061
 Ion Ratio Lower Upper
 112 100
 64 70.1 56.7 85.1
 63 36.6 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: 143.115 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120160.D

Acq: 23 Apr 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB128435BL

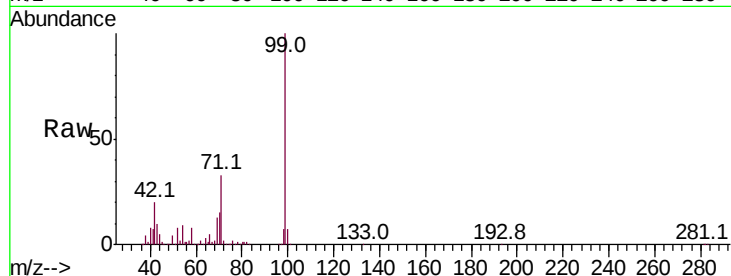
Tot Ion: 99 Resp: 1410571

Ion Ratio Lower Upper

99 100

42 20.5 16.6 24.8

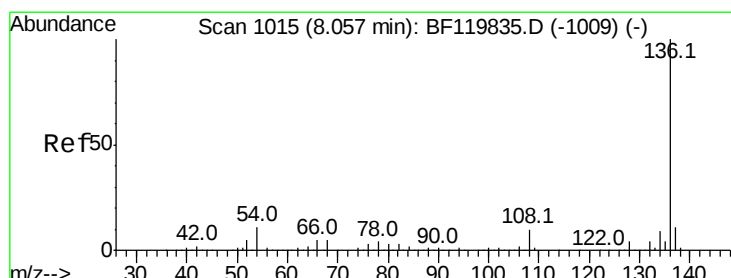
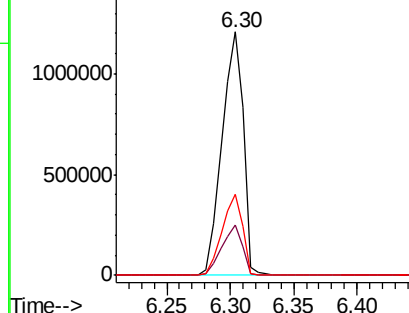
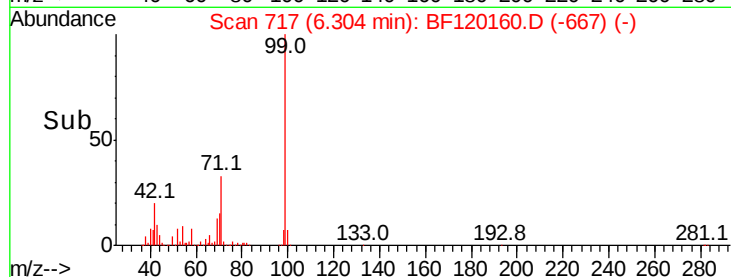
71 33.3 26.4 39.6



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: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF120160.D

Acq: 23 Apr 2020 13:49

Tgt Ion: 136 Resp: 515470

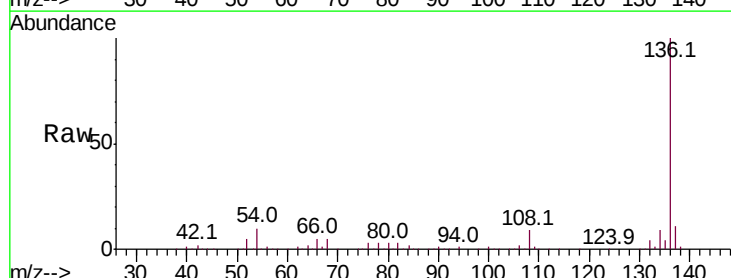
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.8 9.1 13.7

68 5.2 4.6 6.8

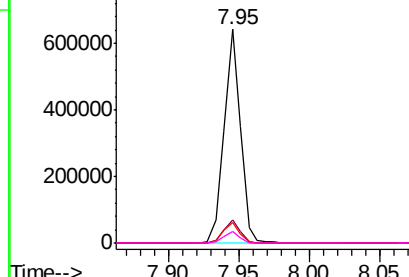
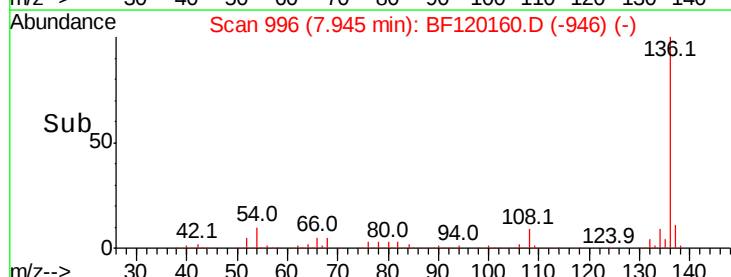


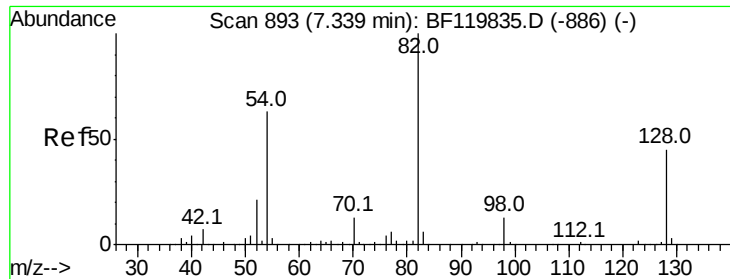
Abundance Ion 136.00 (135.70 to 136.70): E

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

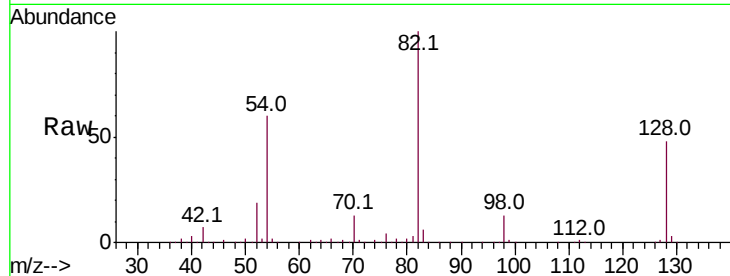




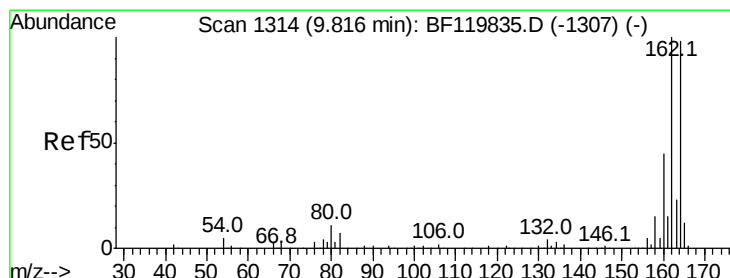
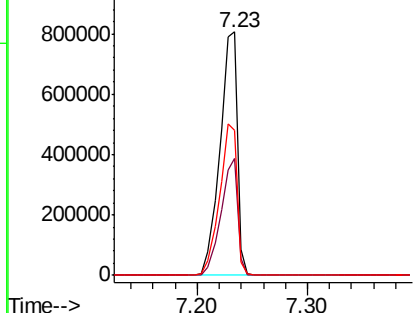
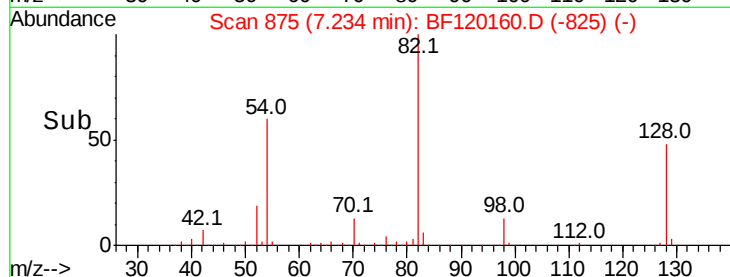
#23
Nitrobenzene-d5
Concen: 88.936 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120160.D
Acq: 23 Apr 2020 13:49

Instrument :
BNA_F
ClientSampleId :
PB128435BL

Tot Ion: 82 Resp: 886150
Ion Ratio Lower Upper
82 100
128 48.3 36.3 54.5
54 59.6 50.6 75.8

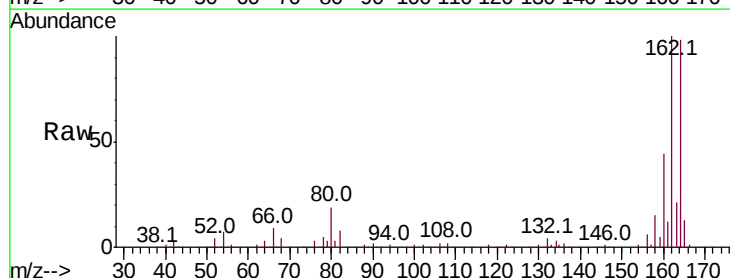


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

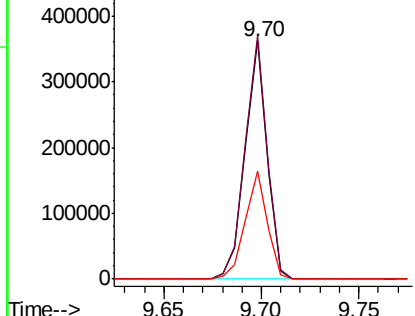
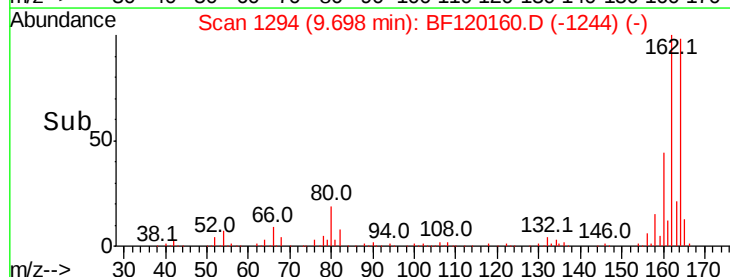


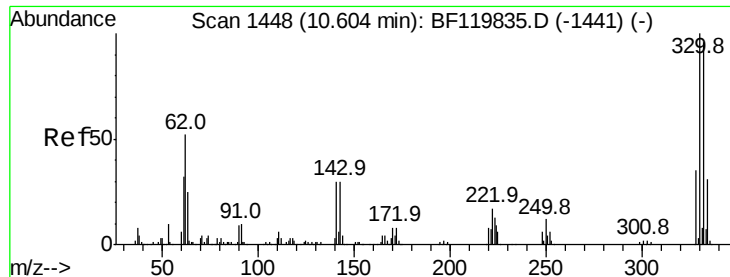
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF120160.D
Acq: 23 Apr 2020 13:49

Tgt Ion: 164 Resp: 282146
Ion Ratio Lower Upper
164 100
162 102.1 80.6 121.0
160 45.4 35.7 53.5



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

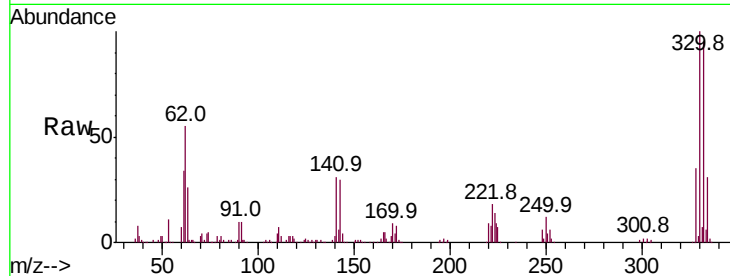




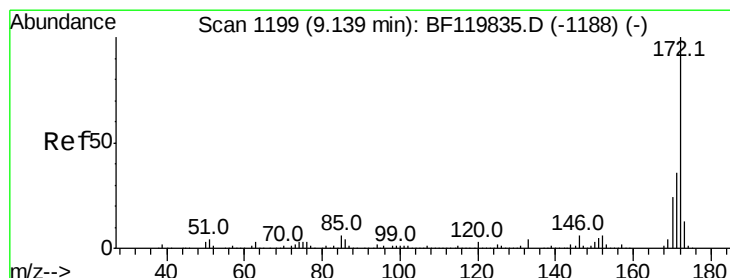
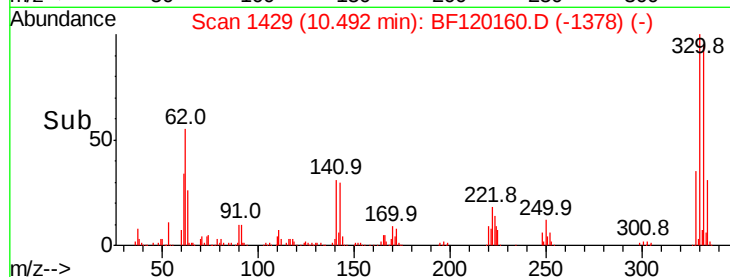
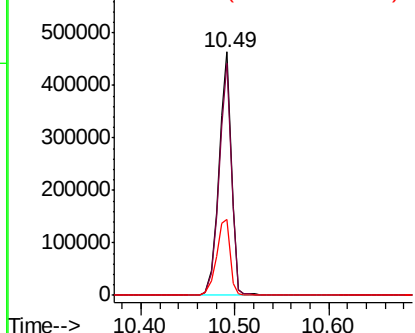
#42
 2,4,6-Tribromophenol
 Concen: 124.400 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF120160.D
 Acq: 23 Apr 2020 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB128435BL

Tot Ion:330 Resp: 429732
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.7 113.5
 141 34.2 25.4 38.0

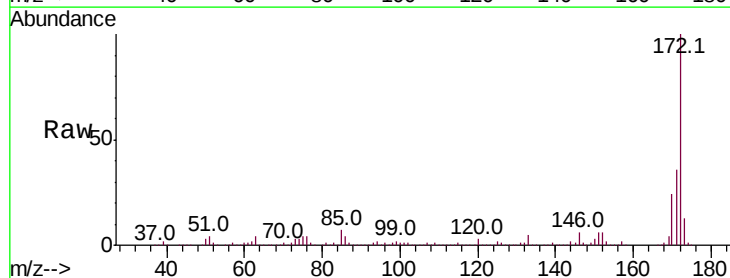


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

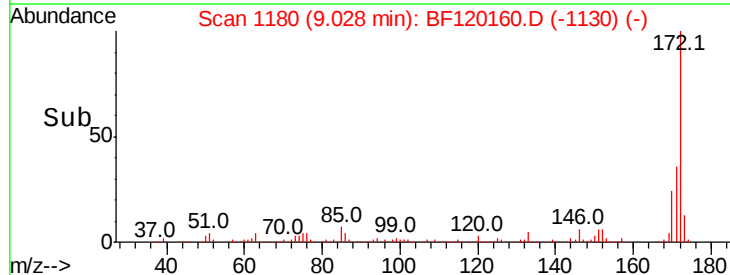
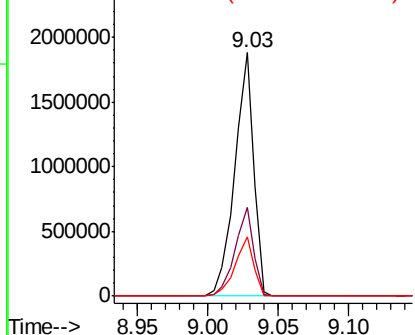


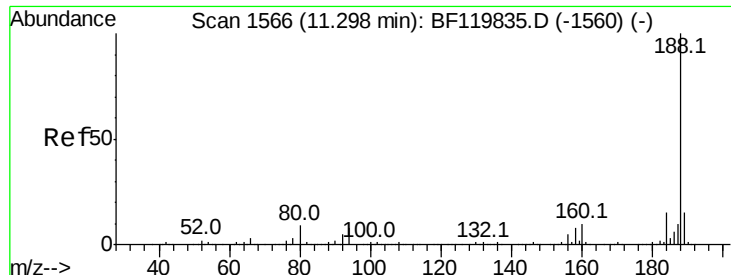
#45
 2-Fluorobiphenyl
 Concen: 88.196 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120160.D
 Acq: 23 Apr 2020 13:49

Tgt Ion:172 Resp: 1752677
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.3 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

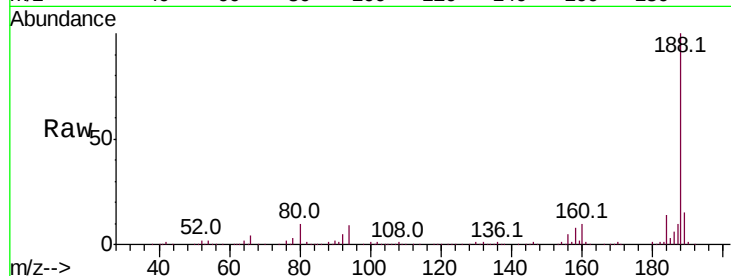




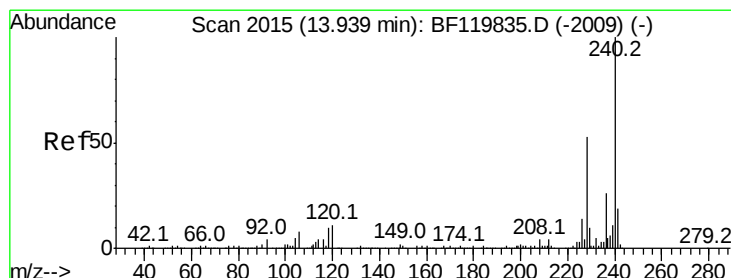
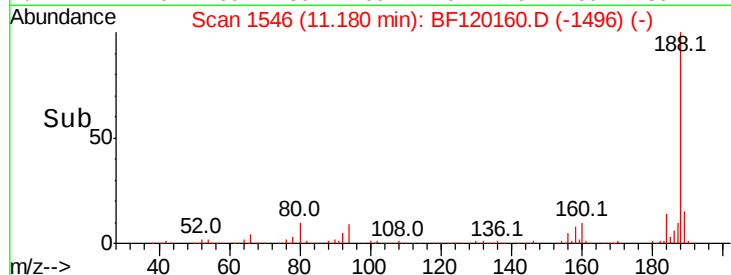
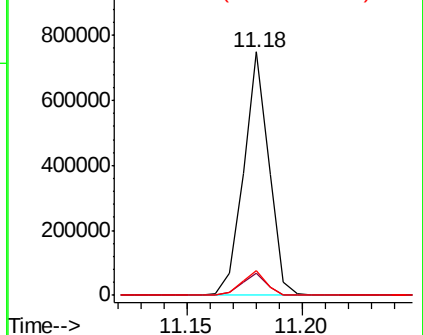
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF120160.D
Acq: 23 Apr 2020 13:49

Instrument :
BNA_F
ClientSampleId :
PB128435BL

Tot Ion:188 Resp: 571785
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 9.9 9.0 13.4

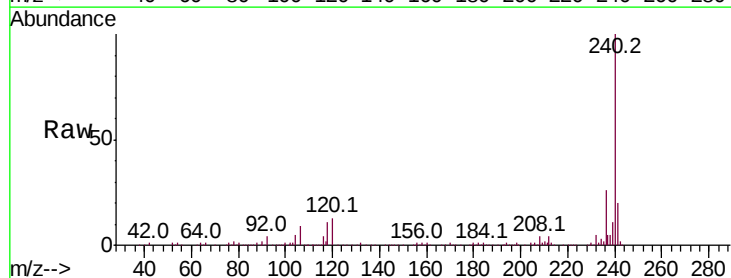


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

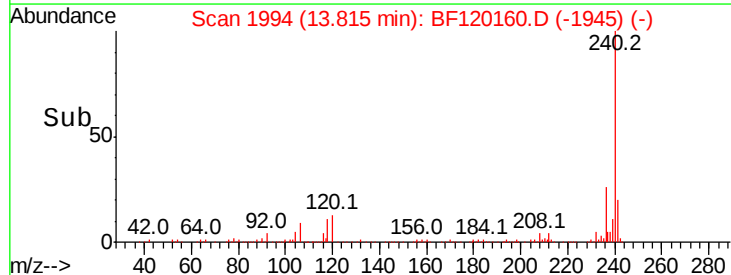
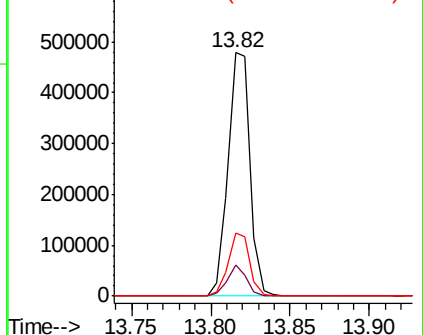


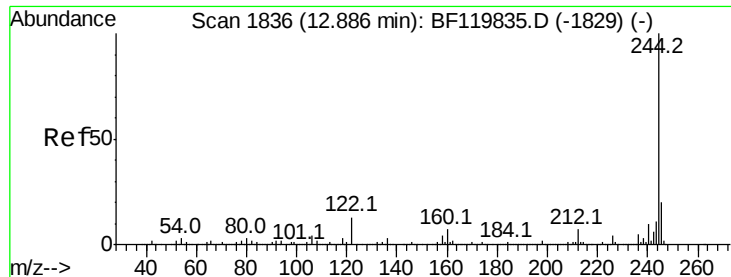
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF120160.D
Acq: 23 Apr 2020 13:49

Tgt Ion:240 Resp: 460246
Ion Ratio Lower Upper
240 100
120 12.7 10.6 15.8
236 25.7 20.2 30.2



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: 79.134 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120160.D

Acq: 23 Apr 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB128435BL

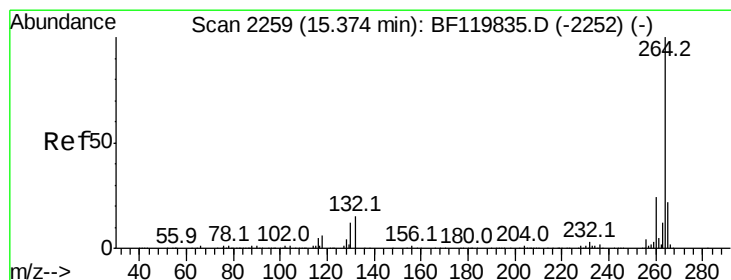
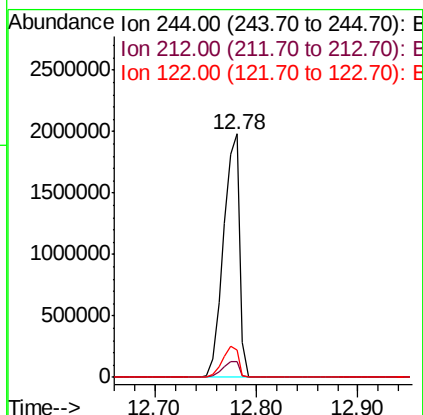
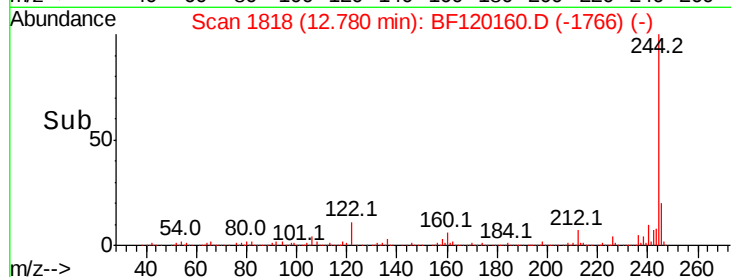
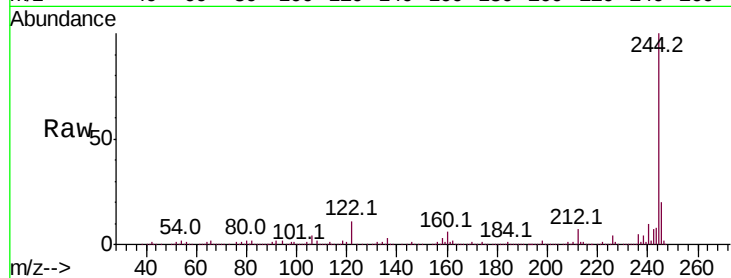
Tot Ion:244 Resp: 2164509

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

122 11.3 10.3 15.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF120160.D

Acq: 23 Apr 2020 13:49

Tgt Ion:264 Resp: 429108

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 21.7 17.7 26.5

