

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
 Data File : BF120173.D
 Acq On : 23 Apr 2020 19:39
 Operator : MA/SJ
 Sample : L2330-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-SO-2020-04-16

Quant Time: Apr 24 03:23:10 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	146881	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	558756	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	307255	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	619542	20.00	ng	0.00
76) Chrysene-d12	13.82	240	492552	20.00	ng	-0.01
87) Perylene-d12	15.22	264	424086	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	519043	61.07	ng	0.00
7) Phenol-d6	6.30	99	395734	36.13	ng	-0.01
23) Nitrobenzene-d5	7.23	82	980052	90.74	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	466087	123.90	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1896238	87.62	ng	0.00
79) Terphenyl-d14	12.78	244	2422291	82.75	ng	0.00

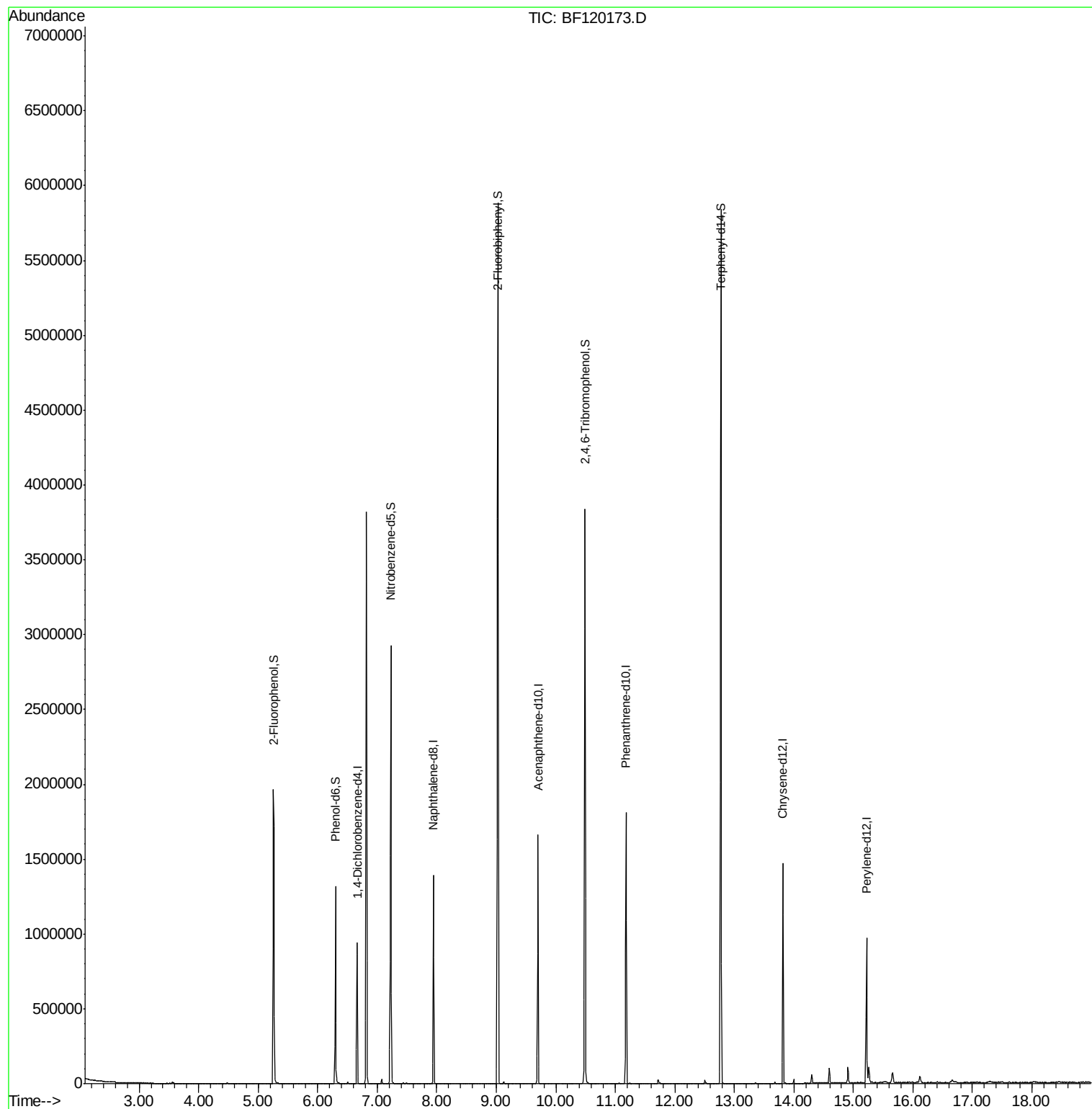
Target Compounds	Qvalue
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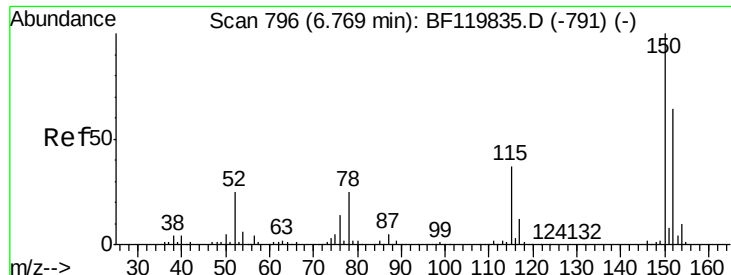
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF120173.D

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BNA_F

ClientSampleId :

FB-SO-2020-04-16

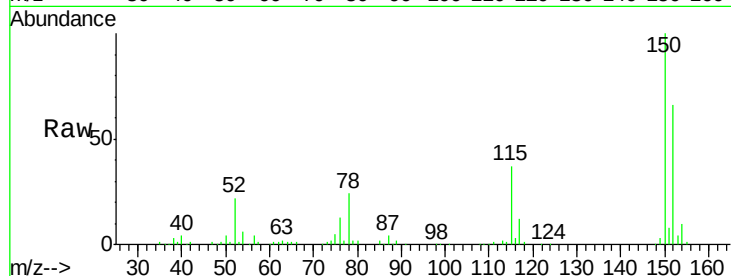
Tgt Ion:152 Resp: 146881

Ion Ratio Lower Upper

152 100

150 151.1 124.5 186.7

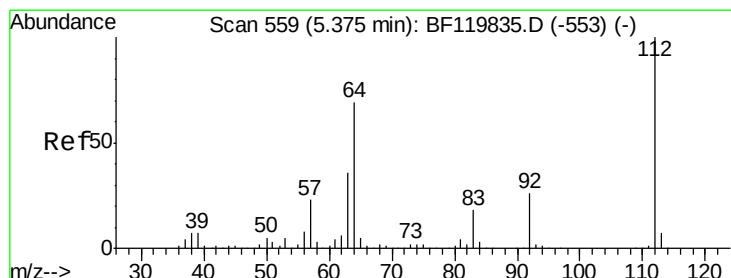
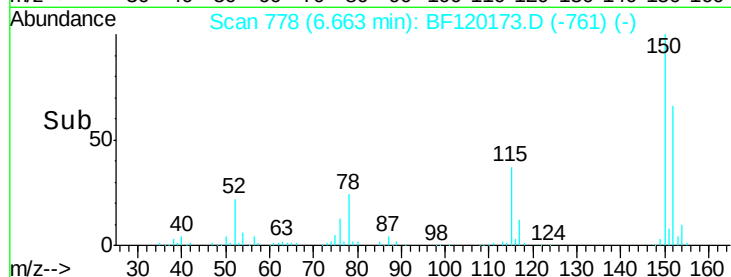
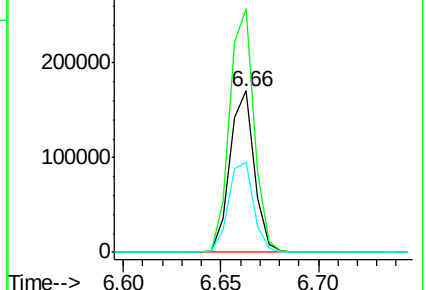
115 56.1 49.6 74.4



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: 61.07 ng

RT: 5.26 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF120173.D

Acq: 23 Apr 2020 19:39

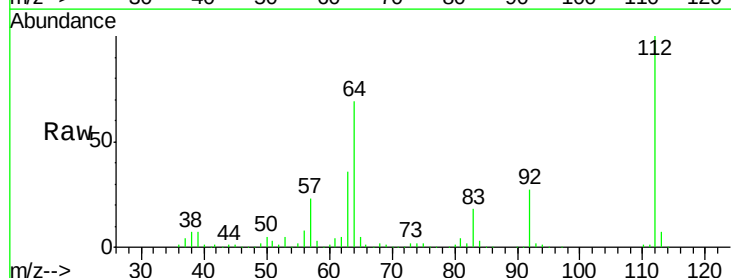
Tgt Ion:112 Resp: 519043

Ion Ratio Lower Upper

112 100

64 69.3 56.7 85.1

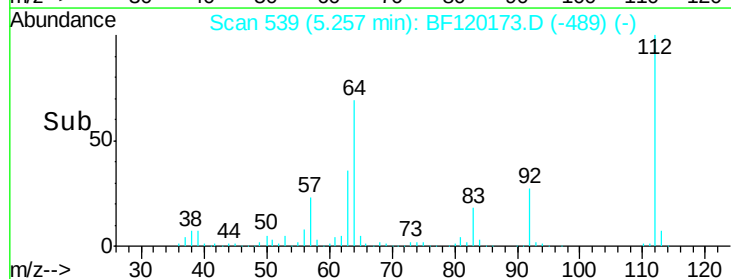
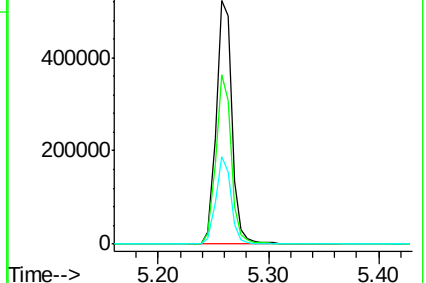
63 36.0 29.5 44.3

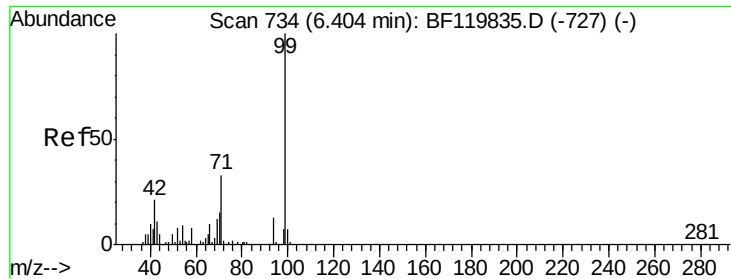


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 36.13 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF120173.D

Acq: 23 Apr 2020 19:39

Instrument :

BNA_F

ClientSampleId :

FB-SO-2020-04-16

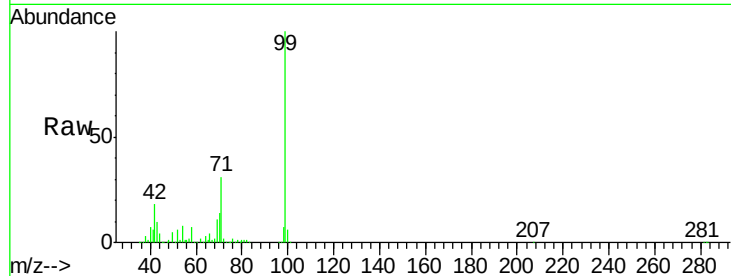
Tgt Ion: 99 Resp: 395734

Ion Ratio Lower Upper

99 100

42 18.2 16.6 24.8

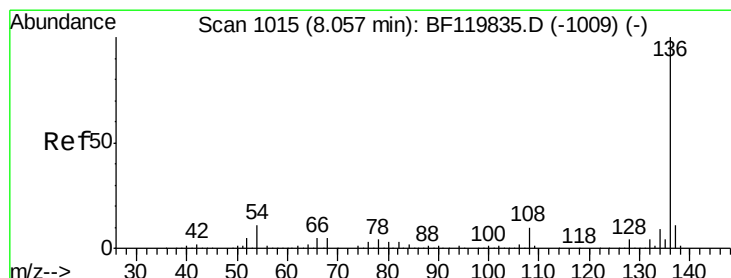
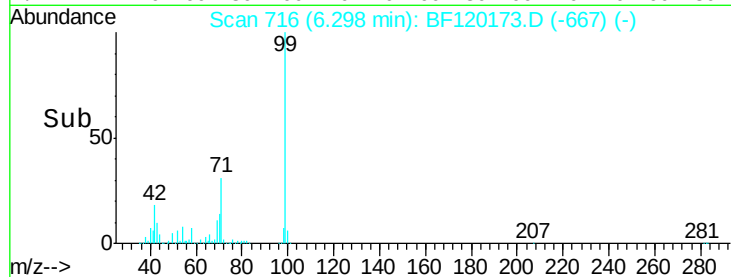
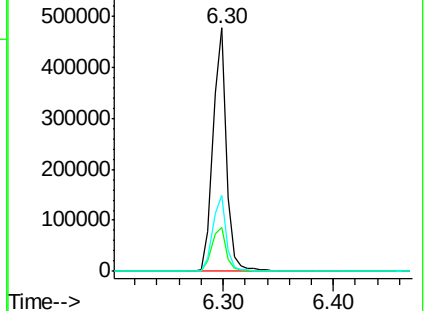
71 31.4 26.4 39.6



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: 20.00 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF120173.D

Acq: 23 Apr 2020 19:39

Tgt Ion: 136 Resp: 558756

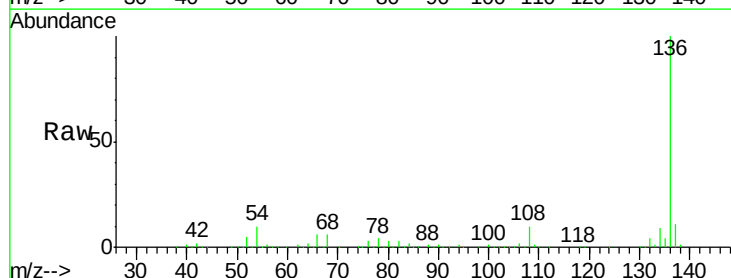
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.2 9.1 13.7

68 5.6 4.6 6.8

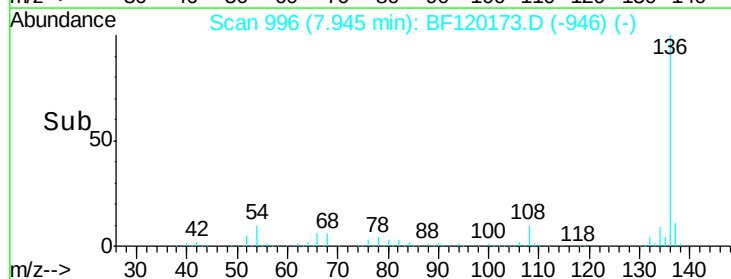
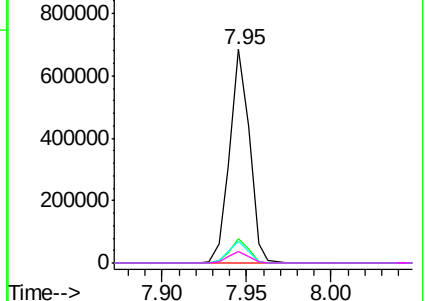


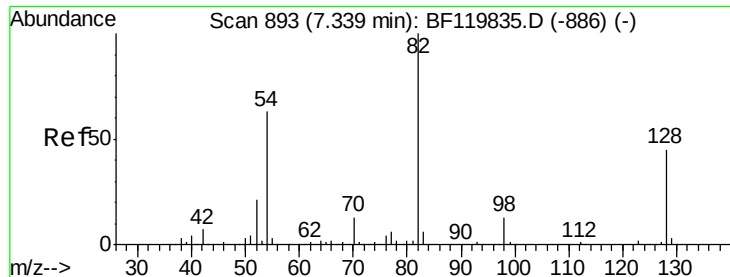
Abundance Ion 136.00 (135.70 to 136.70): E

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

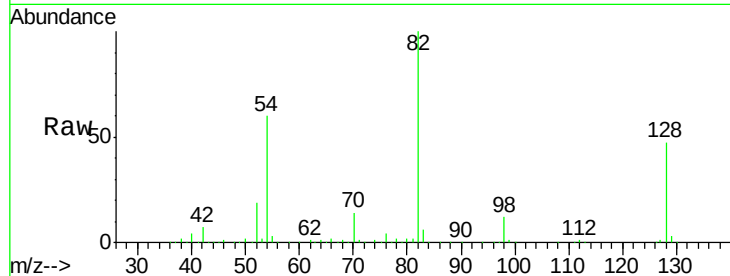




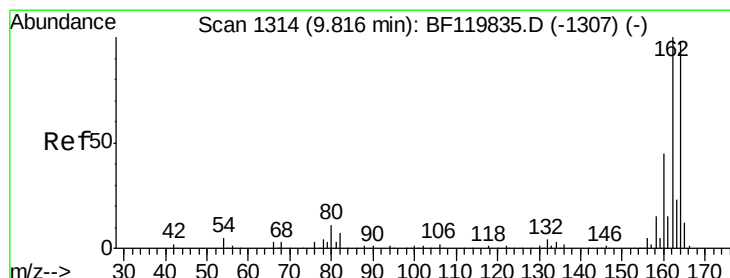
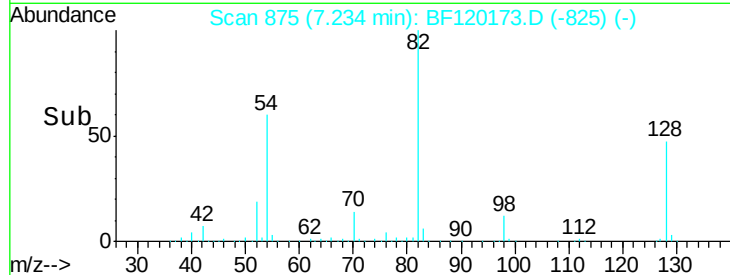
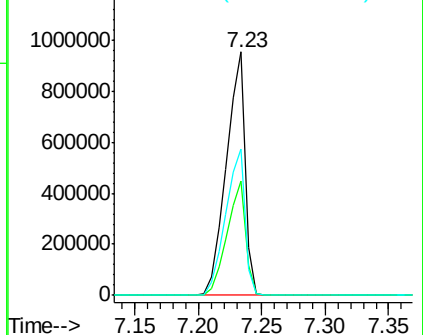
#23
 Nitrobenzene-d5
 Concen: 90.74 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF120173.D
 Acq: 23 Apr 2020 19:39

Instrument :
 BNA_F
 ClientSampleId :
 FB-SO-2020-04-16

Tgt Ion: 82 Resp: 980052
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.3 54.5
 54 60.0 50.6 75.8

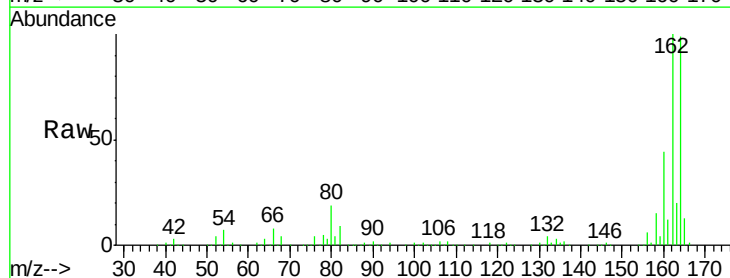


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

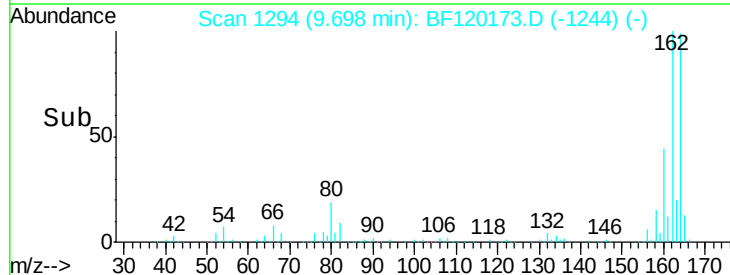
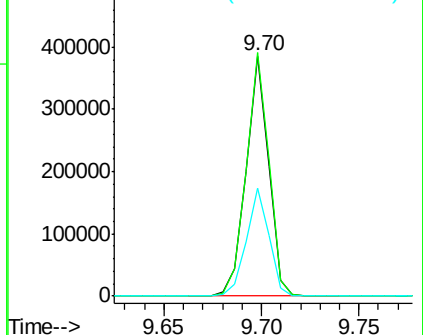


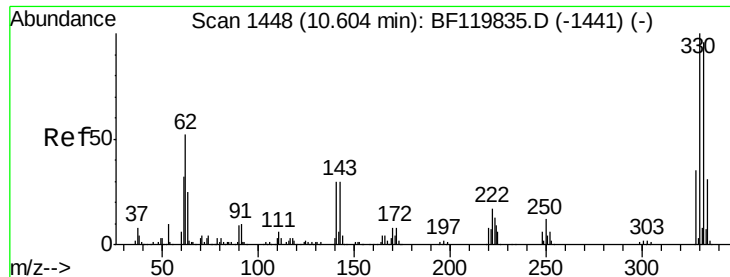
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF120173.D
 Acq: 23 Apr 2020 19:39

Tgt Ion: 164 Resp: 307255
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.6 121.0
 160 44.8 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

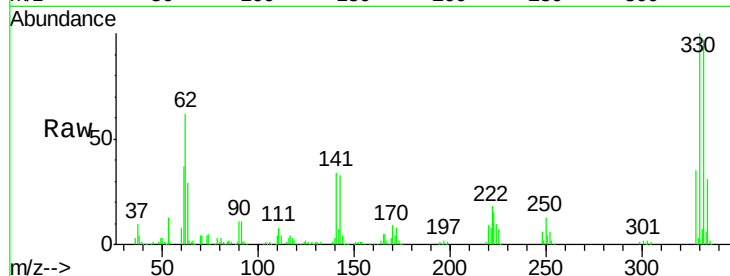




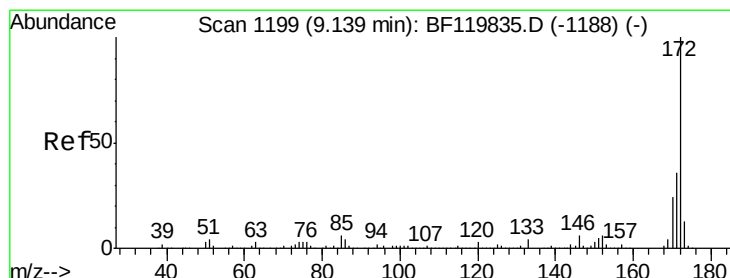
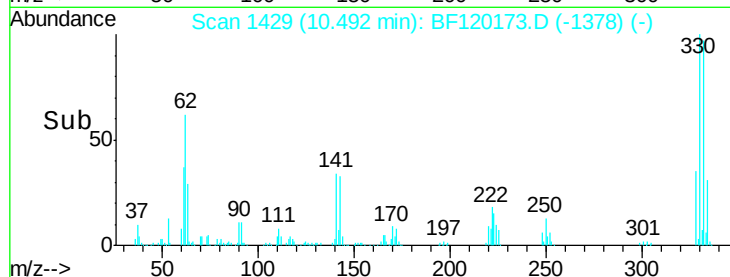
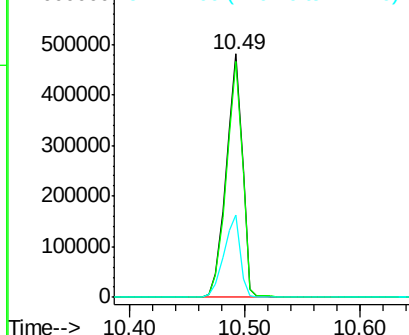
#42
 2,4,6-Tribromophenol
 Concen: 123.90 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF120173.D
 Acq: 23 Apr 2020 19:39

Instrument :
 BNA_F
 ClientSampleId :
 FB-SO-2020-04-16

Tgt Ion:330 Resp: 466087
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.7 113.5
 141 33.8 25.4 38.0

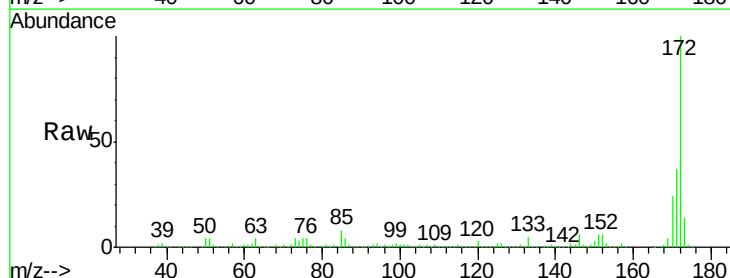


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

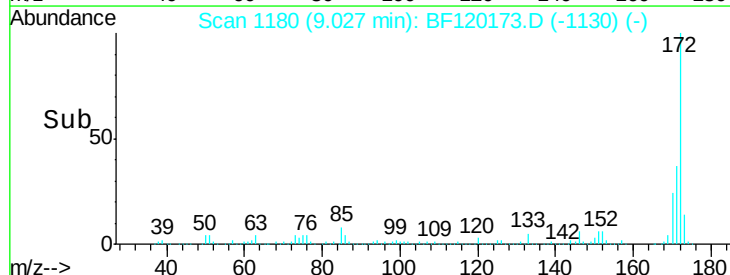
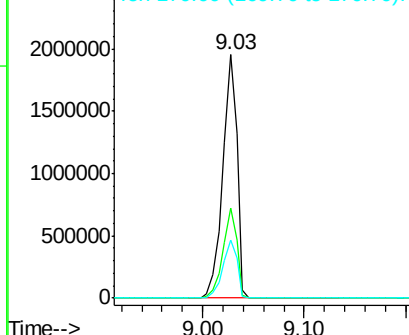


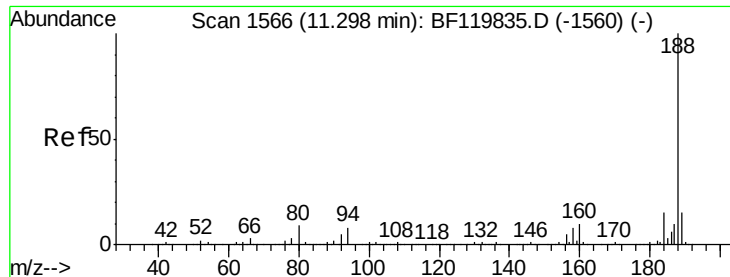
#45
 2-Fluorobiphenyl
 Concen: 87.62 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120173.D
 Acq: 23 Apr 2020 19:39

Tgt Ion:172 Resp: 1896238
 Ion Ratio Lower Upper
 172 100
 171 36.8 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

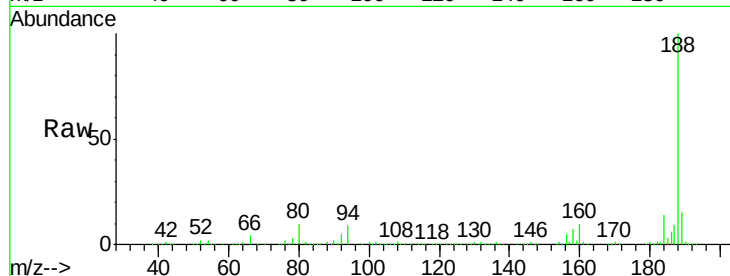




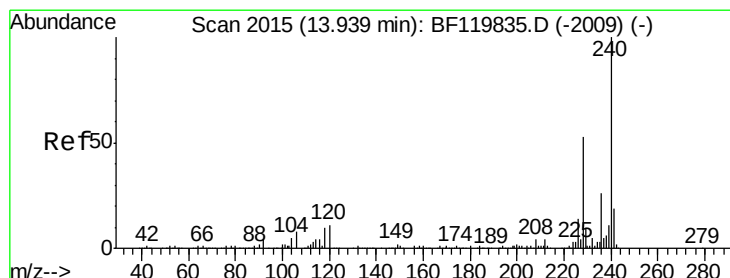
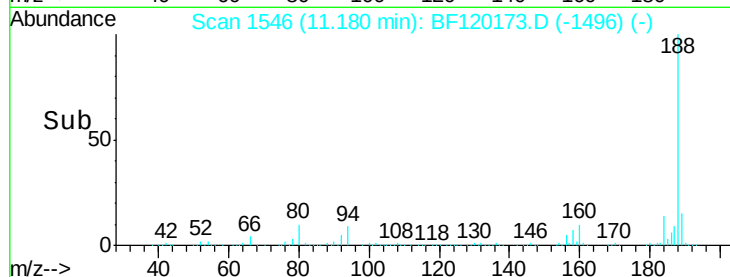
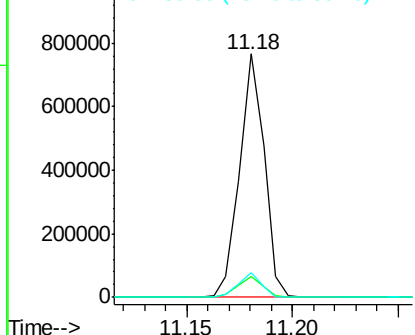
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF120173.D
Acq: 23 Apr 2020 19:39

Instrument :
BNA_F
ClientSampleId :
FB-SO-2020-04-16

Tgt Ion:188 Resp: 619542
Ion Ratio Lower Upper
188 100
94 8.8 7.5 11.3
80 9.9 9.0 13.4

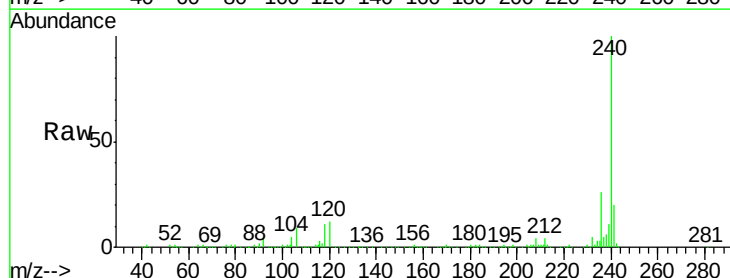


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

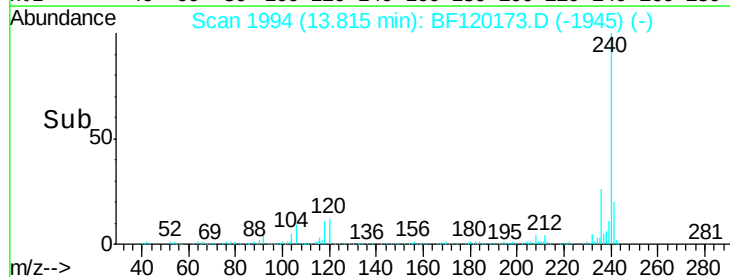
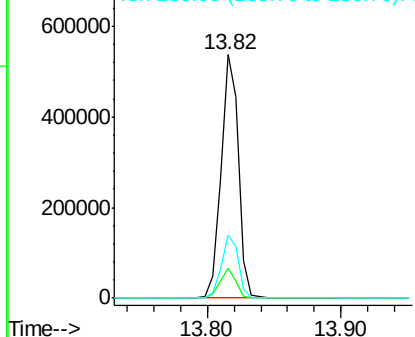


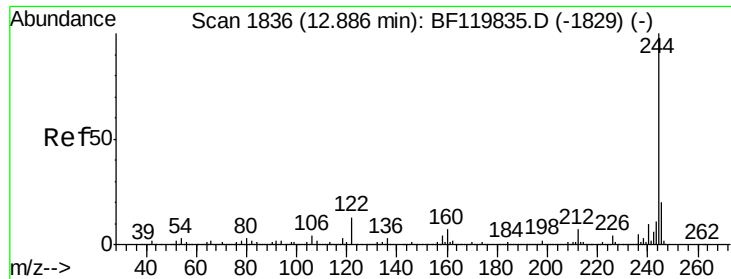
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF120173.D
Acq: 23 Apr 2020 19:39

Tgt Ion:240 Resp: 492552
Ion Ratio Lower Upper
240 100
120 12.1 10.6 15.8
236 25.8 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: 82.75 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120173.D

Acq: 23 Apr 2020 19:39

Instrument :

BNA_F

ClientSampleId :

FB-SO-2020-04-16

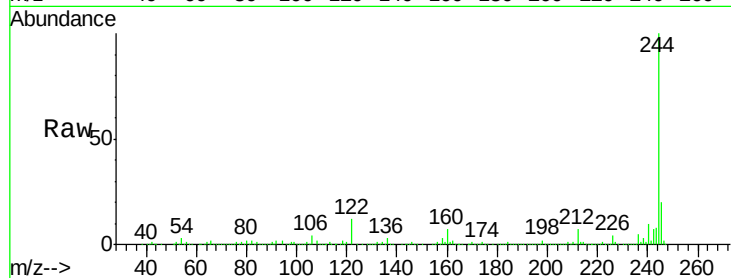
Tgt Ion:244 Resp: 2422291

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

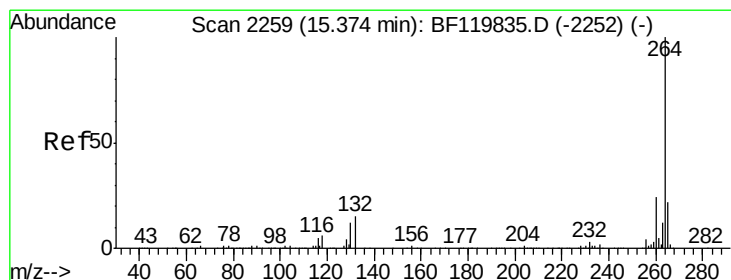
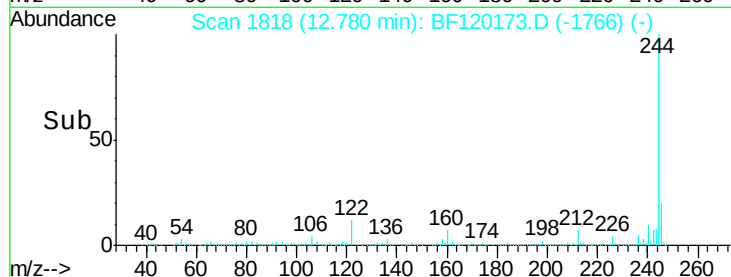
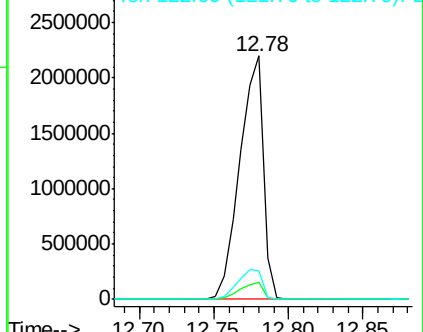
122 11.8 10.3 15.5



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



#87

Perylene-d12

Concen: 20.00 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF120173.D

Acq: 23 Apr 2020 19:39

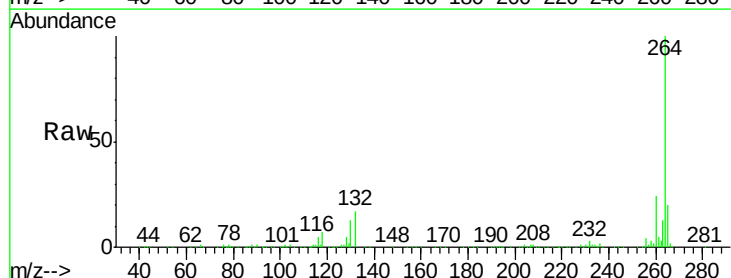
Tgt Ion:264 Resp: 424086

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 20.4 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

