

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
 Data File : BF120462.D
 Acq On : 1 Jun 2020 11:17
 Operator : JU/CG
 Sample : PB129165BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BL

Quant Time: Jun 01 12:04:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	295691	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1084077	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	555832	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1058174	20.00	ng	0.00
76) Chrysene-d12	14.00	240	889824	20.00	ng	0.00
86) Perylene-d12	15.45	264	881879	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1933850	124.64	ng	0.01
7) Phenol-d6	6.47	99	2479286	129.64	ng	0.00
23) Nitrobenzene-d5	7.40	82	1591344	96.02	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	738950	143.48	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2713197	82.82	ng	0.00
79) Terphenyl-d14	12.95	244	3221450	80.56	ng	0.00

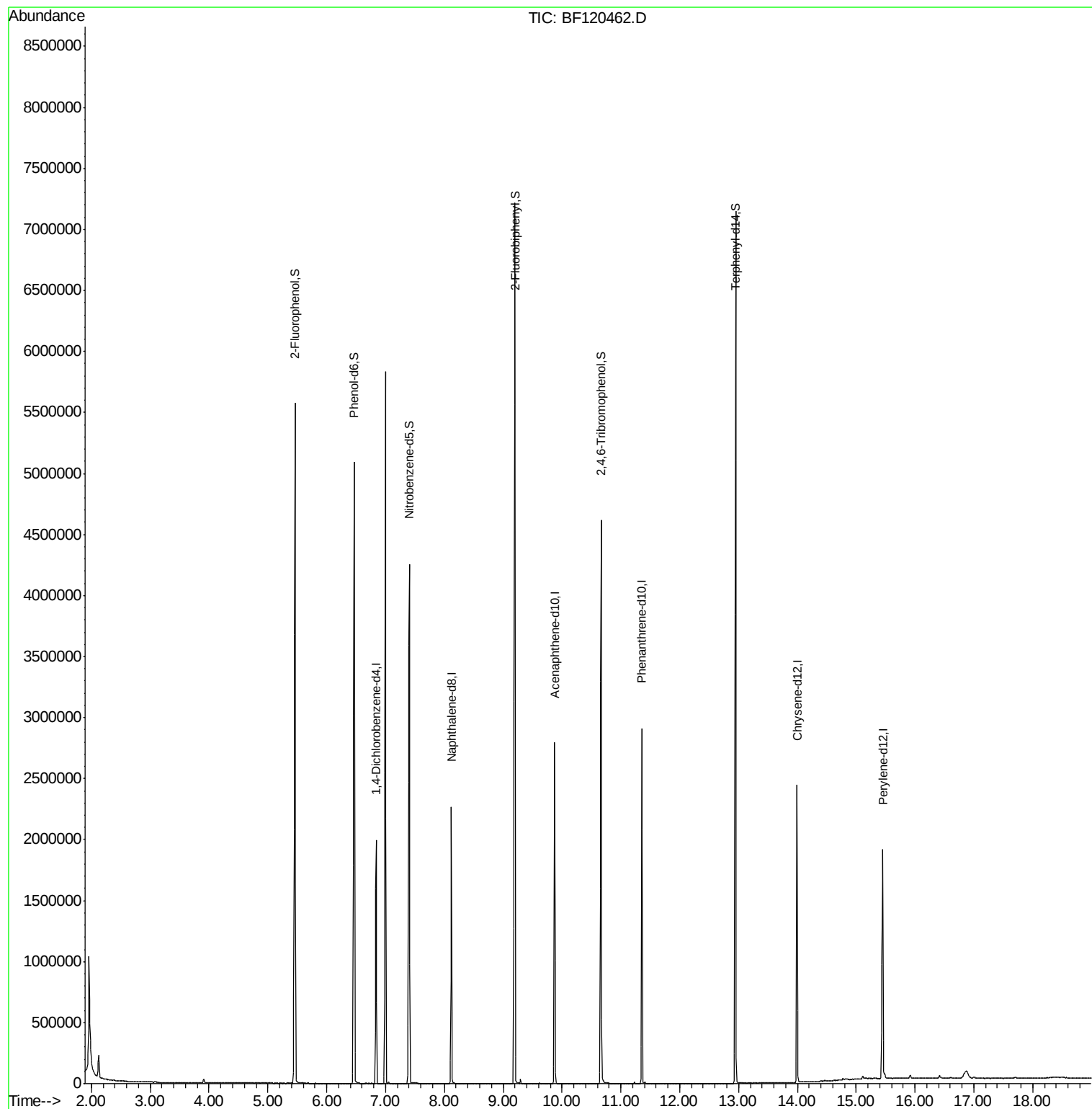
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF120462.D

Acq: 1 Jun 2020 11:17

Instrument :

BNA_F

ClientSampleId :

PB129165BL

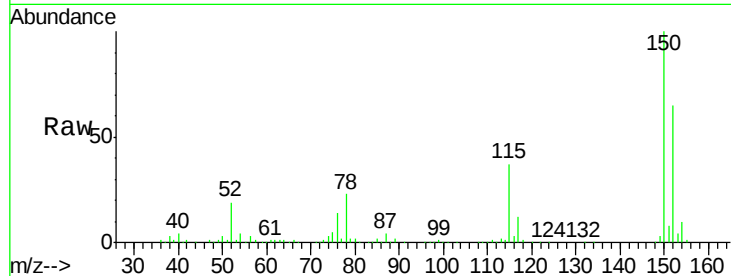
Tgt Ion:152 Resp: 295691

Ion Ratio Lower Upper

152 100

150 154.6 126.5 189.7

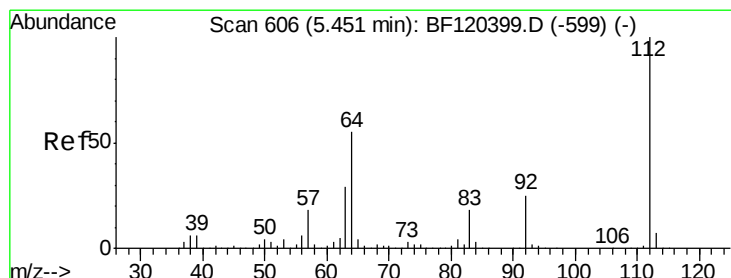
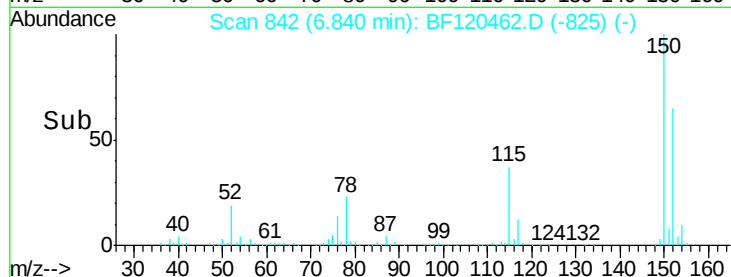
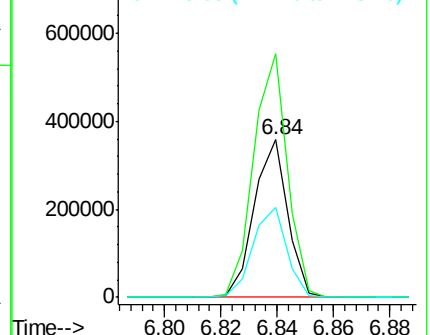
115 57.0 47.6 71.4



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: 124.64 ng

RT: 5.46 min Scan# 608

Delta R.T. 0.01 min

Lab File: BF120462.D

Acq: 1 Jun 2020 11:17

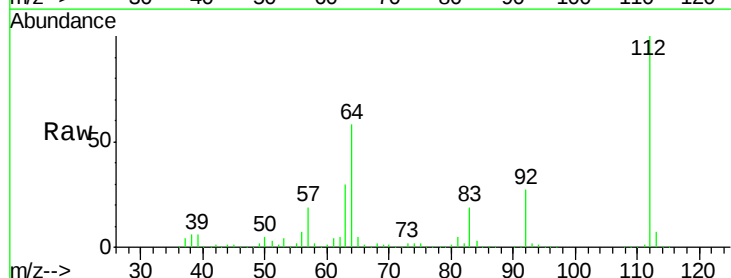
Tgt Ion:112 Resp: 1933850

Ion Ratio Lower Upper

112 100

64 58.0 44.3 66.5

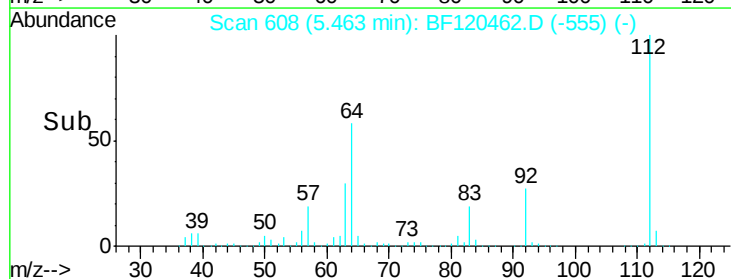
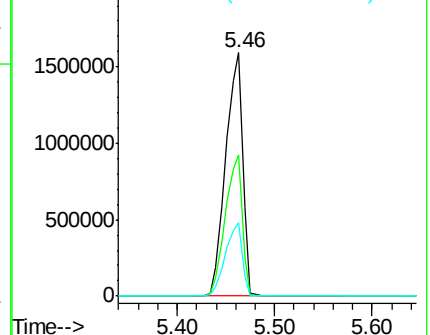
63 30.2 22.9 34.3

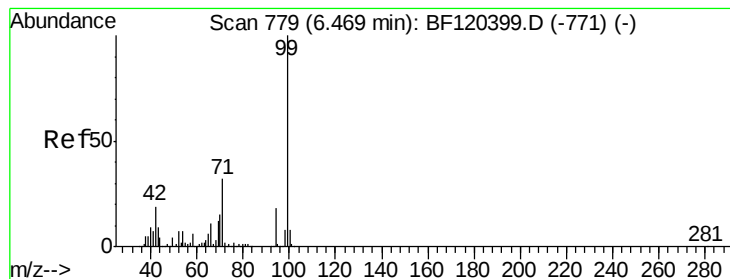


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 129.64 ng

RT: 6.47 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120462.D

Acq: 1 Jun 2020 11:17

Instrument :

BNA_F

ClientSampleId :

PB129165BL

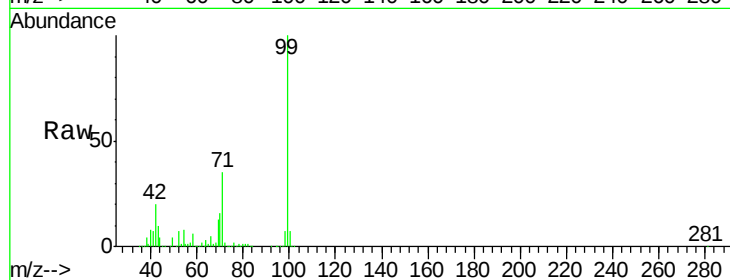
Tgt Ion: 99 Resp: 2479286

Ion Ratio Lower Upper

99 100

42 19.9 15.2 22.8

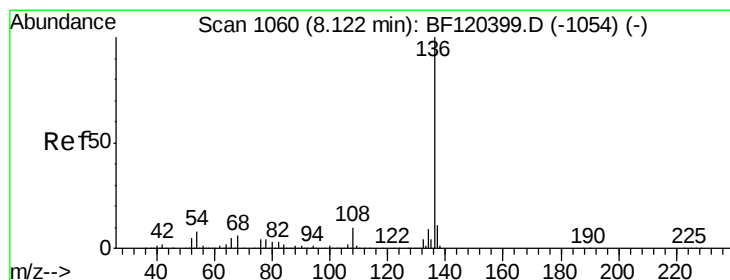
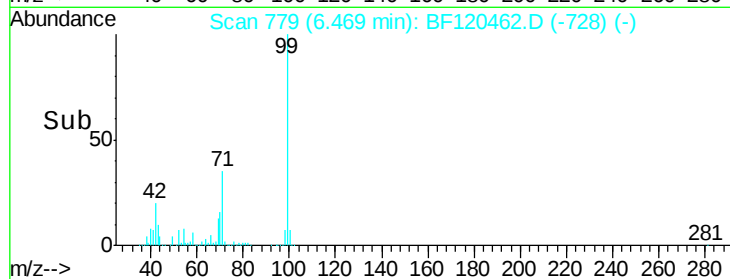
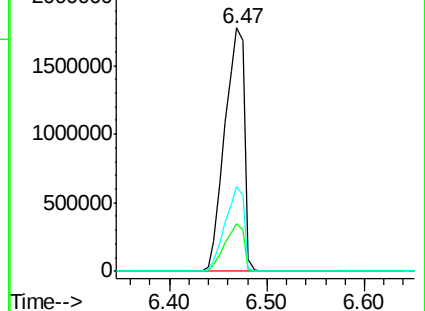
71 34.9 25.6 38.4



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: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120462.D

Acq: 1 Jun 2020 11:17

Tgt Ion: 136 Resp: 1084077

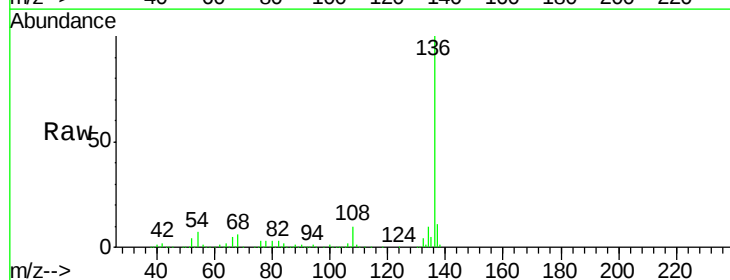
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.4 6.7 10.1

68 5.6 5.0 7.4

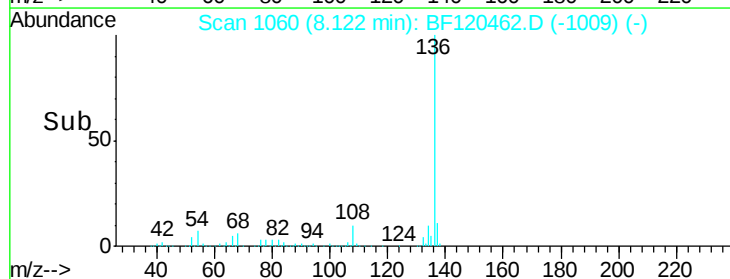
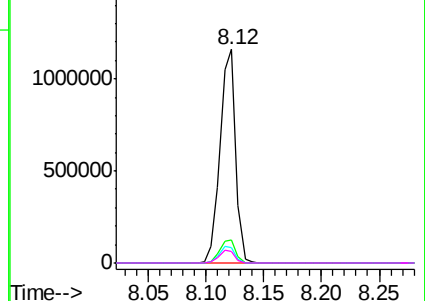


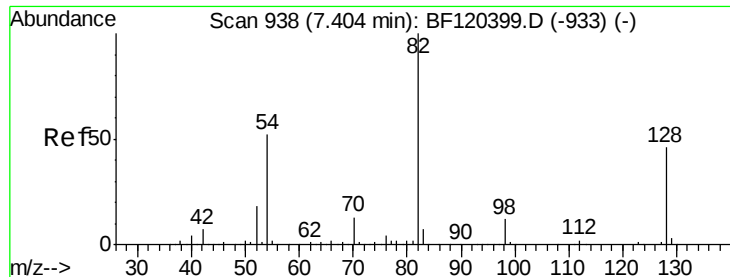
Abundance Ion 136.00 (135.70 to 136.70): E

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

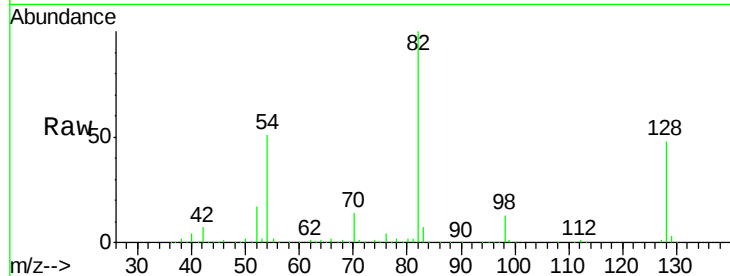




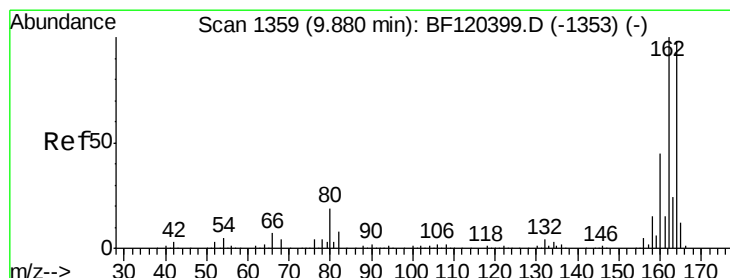
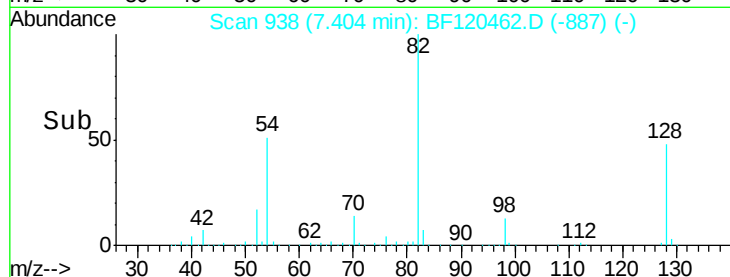
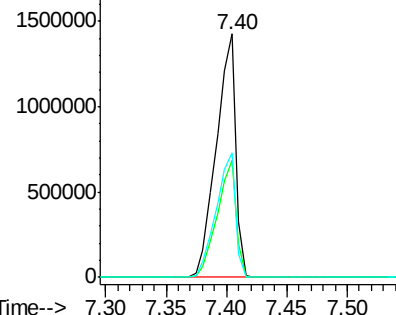
#23
 Nitrobenzene-d5
 Concen: 96.02 ng
 RT: 7.40 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF120462.D
 Acq: 1 Jun 2020 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BL

Tgt Ion: 82 Resp: 1591344
 Ion Ratio Lower Upper
 82 100
 128 48.0 36.8 55.2
 54 51.3 41.6 62.4

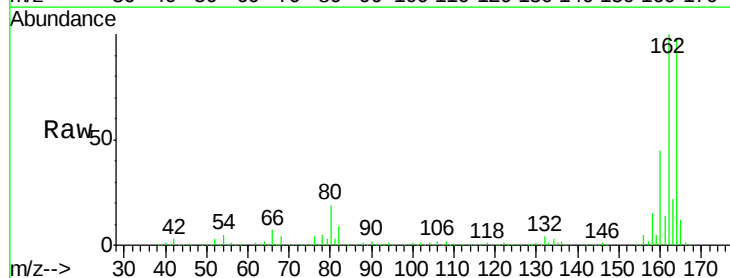


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

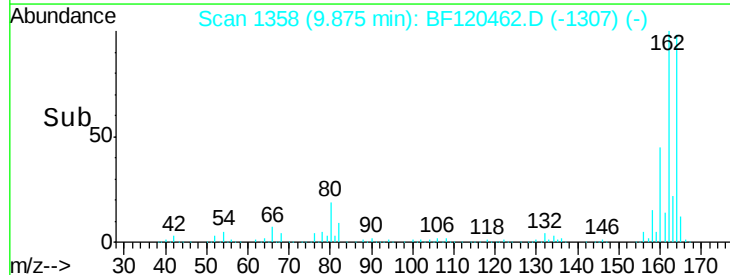
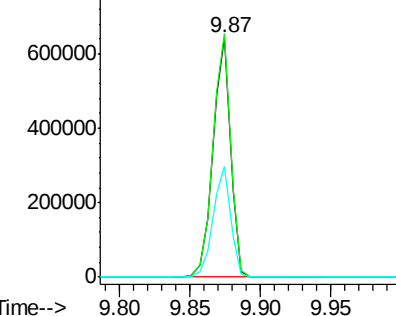


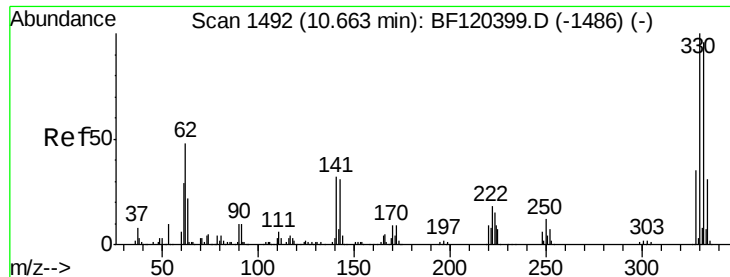
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF120462.D
 Acq: 1 Jun 2020 11:17

Tgt Ion: 164 Resp: 555832
 Ion Ratio Lower Upper
 164 100
 162 101.6 81.3 121.9
 160 46.2 36.9 55.3



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

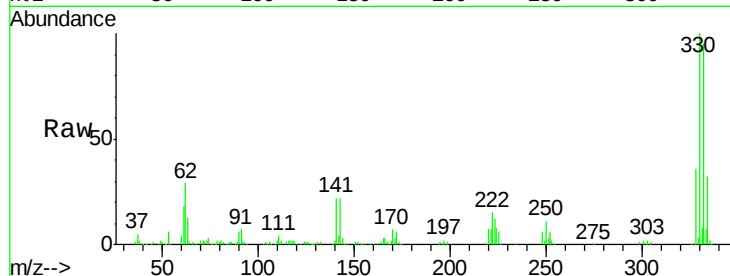




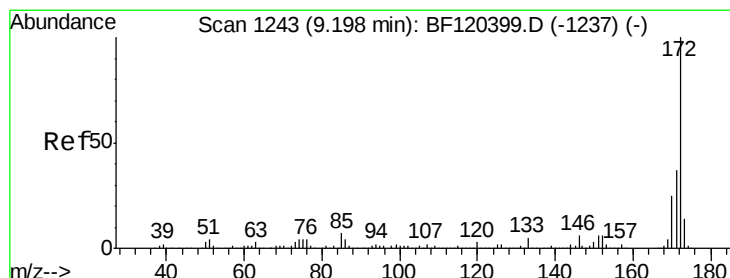
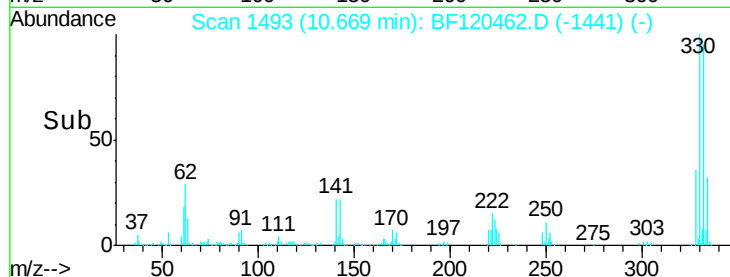
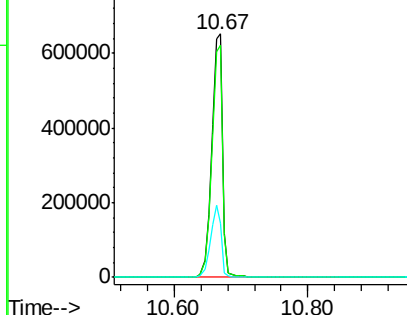
#42
 2,4,6-Tribromophenol
 Concen: 143.48 ng
 RT: 10.67 min Scan# 1493
 Delta R.T. 0.01 min
 Lab File: BF120462.D
 Acq: 1 Jun 2020 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BL

Tgt Ion:330 Resp: 738950
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 28.9 25.3 37.9

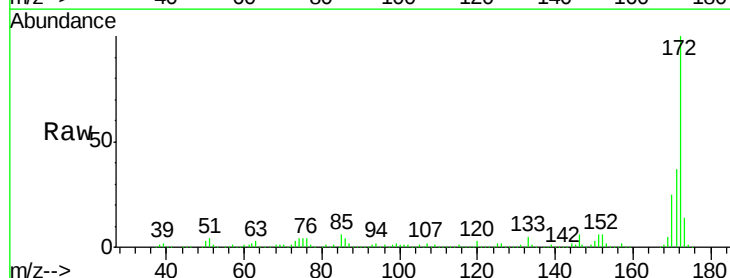


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

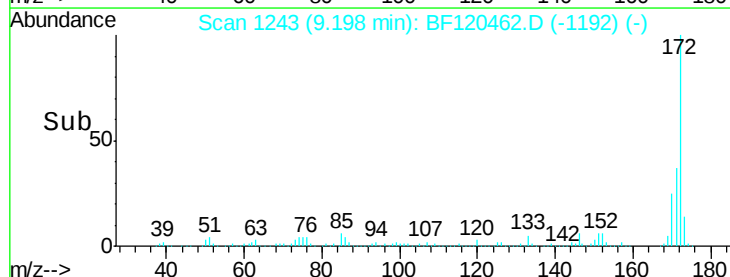
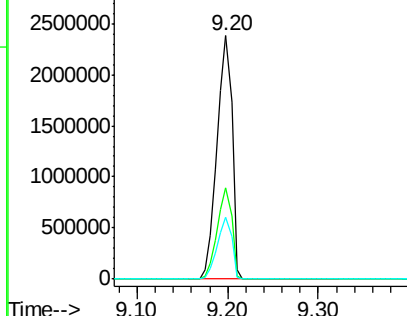


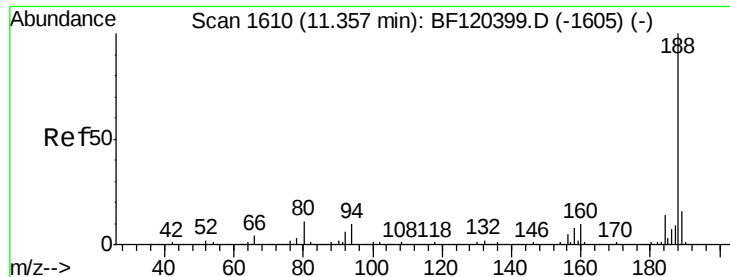
#45
 2-Fluorobiphenyl
 Concen: 82.82 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120462.D
 Acq: 1 Jun 2020 11:17

Tgt Ion:172 Resp: 2713197
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.7 44.5
 170 25.3 19.9 29.9



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

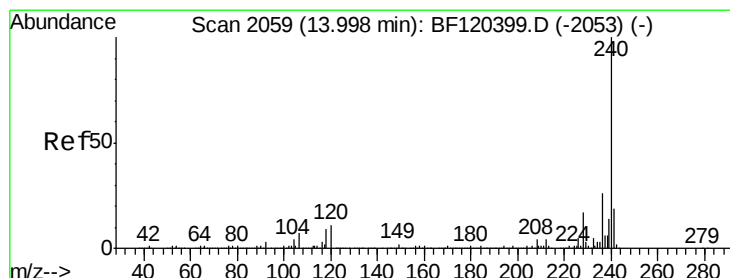
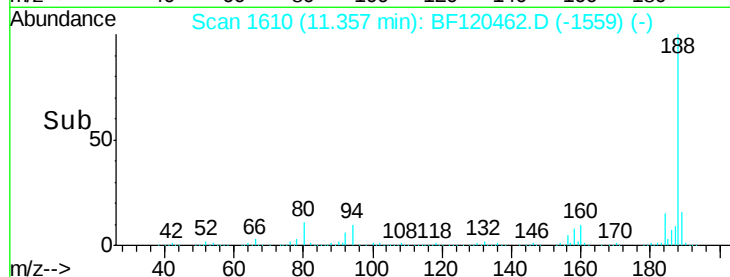
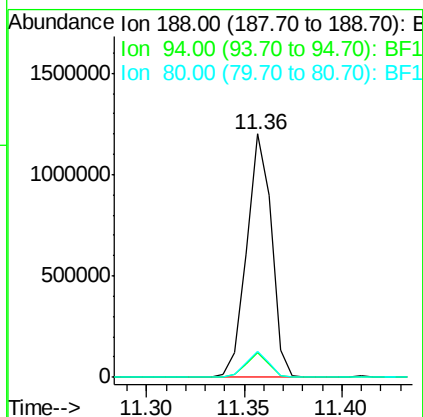
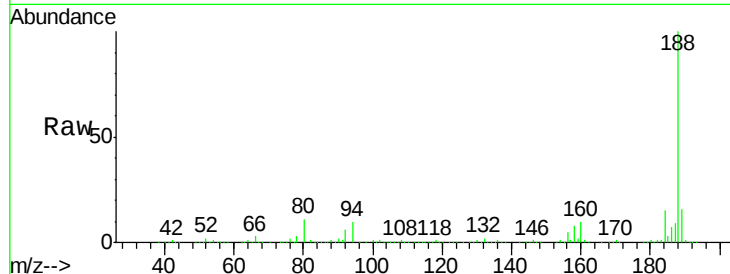




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120462.D
Acq: 1 Jun 2020 11:17

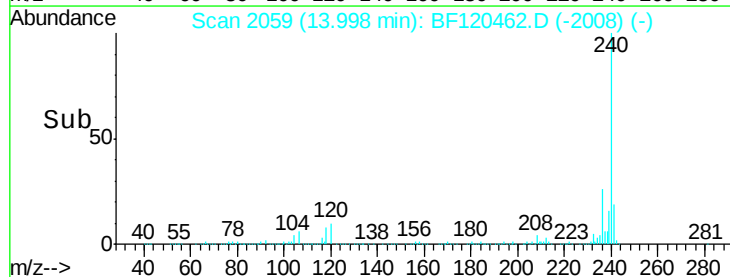
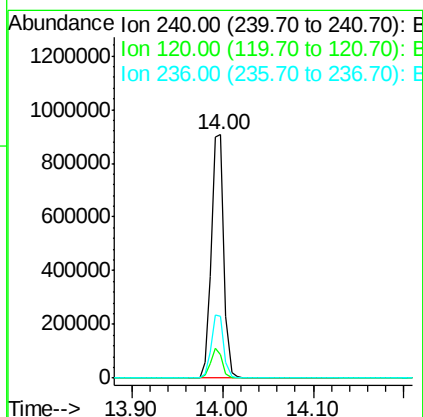
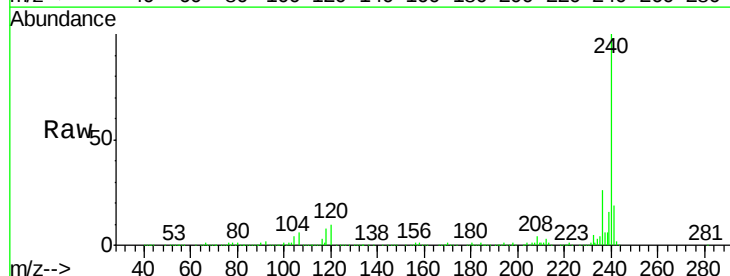
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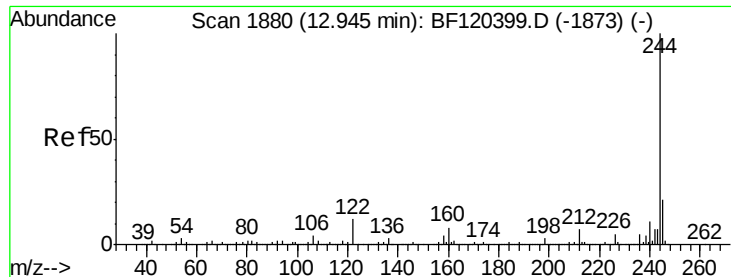
Tgt Ion:188 Resp: 1058174
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.6 8.6 13.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BF120462.D
Acq: 1 Jun 2020 11:17

Tgt Ion:240 Resp: 889824
Ion Ratio Lower Upper
240 100
120 9.6 8.8 13.2
236 25.5 21.0 31.4





#79

Terphenyl-d14

Concen: 80.56 ng

RT: 12.95 min Scan# 1881

Delta R.T. 0.01 min

Lab File: BF120462.D

Acq: 1 Jun 2020 11:17

Instrument :

BNA_F

ClientSampleId :

PB129165BL

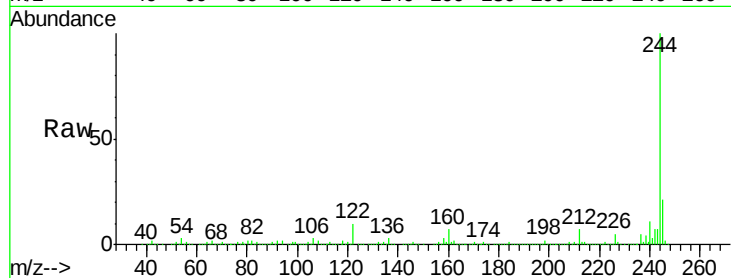
Tgt Ion:244 Resp: 3221450

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

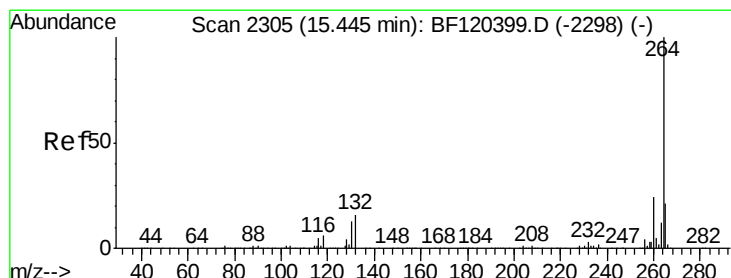
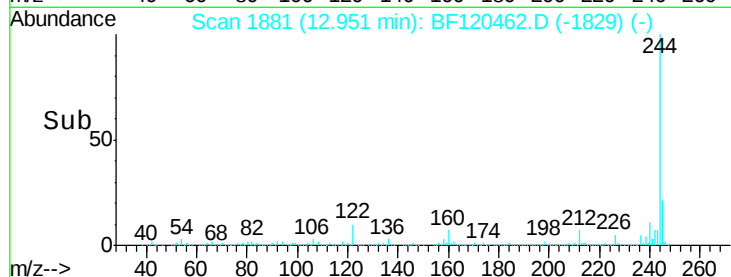
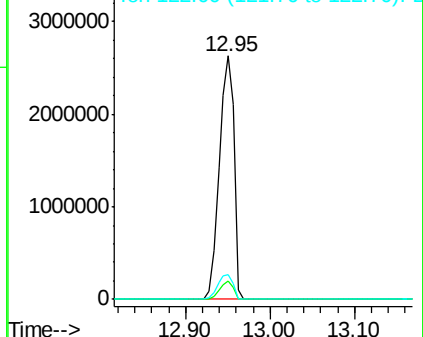
122 10.4 9.2 13.8



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 2306

Delta R.T. 0.00 min

Lab File: BF120462.D

Acq: 1 Jun 2020 11:17

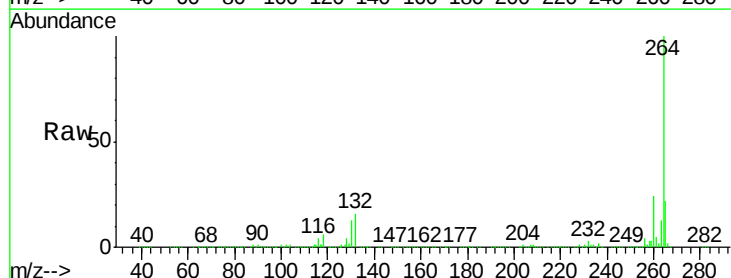
Tgt Ion:264 Resp: 881879

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.7 16.9 25.3



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

