

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119671.D
 Acq On : 1 Apr 2020 13:40
 Operator : MA/SJ
 Sample : L1758-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-03-033020

Quant Time: Apr 01 14:29:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	251912	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	975481	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	516250	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	1023248	20.00	ng	0.00
76) Chrysene-d12	13.99	240	855302	20.00	ng	-0.01
87) Perylene-d12	15.44	264	891066	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	2178643	137.67	ng	0.02
7) Phenol-d6	6.45	99	2555268	126.41	ng	0.00
23) Nitrobenzene-d5	7.37	82	1878871	104.68	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	888514	166.83	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3354890	96.27	ng	0.00
79) Terphenyl-d14	12.94	244	4011848	91.90	ng	0.00

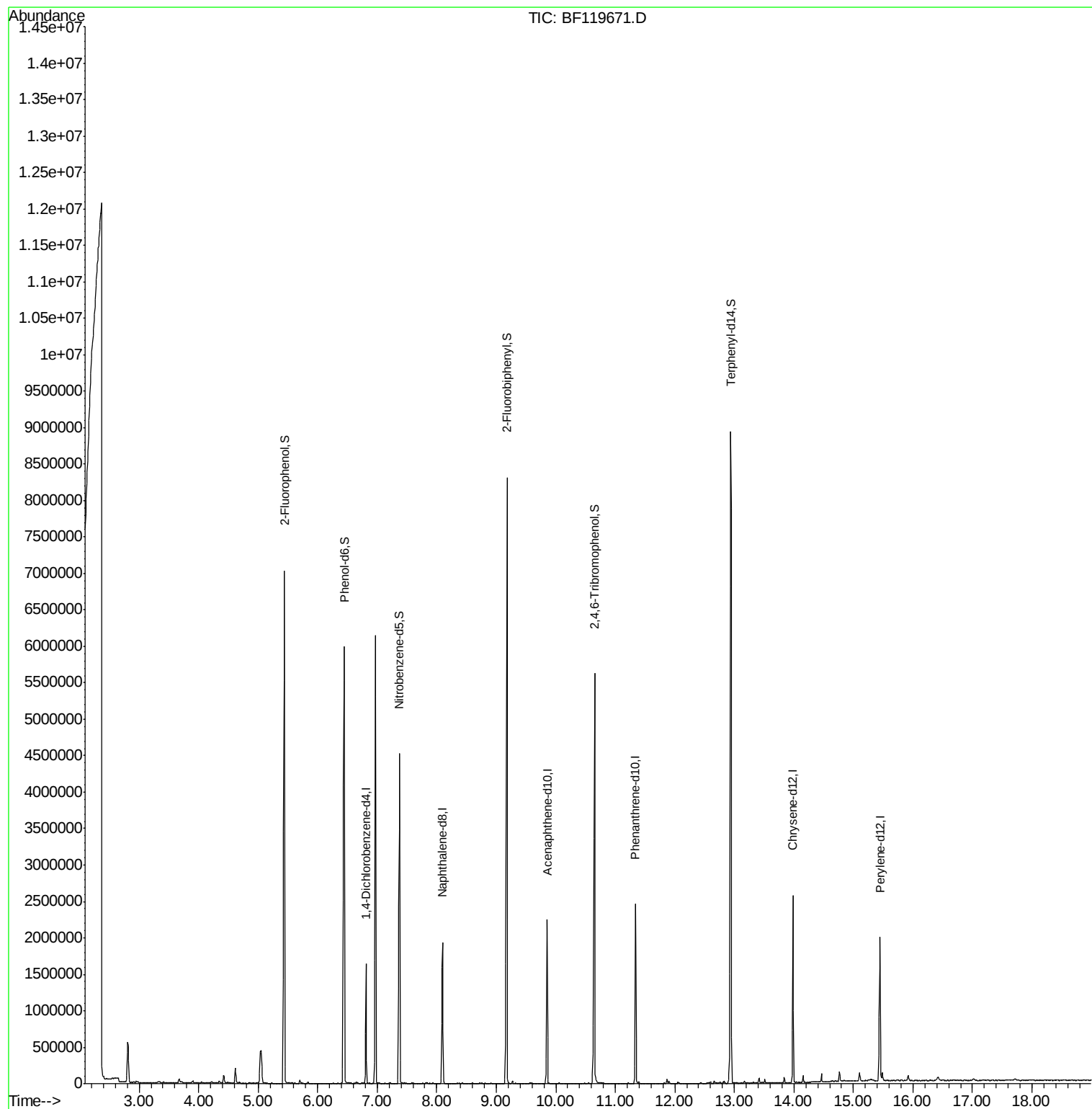
Target Compounds Qvalue

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

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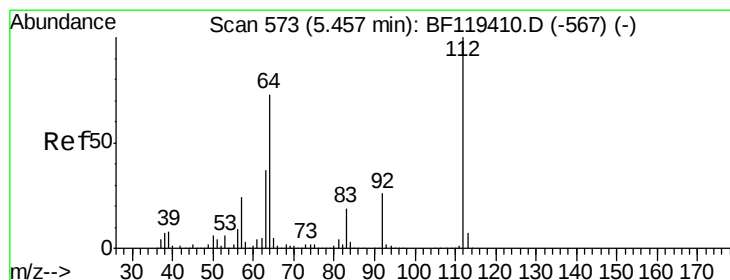
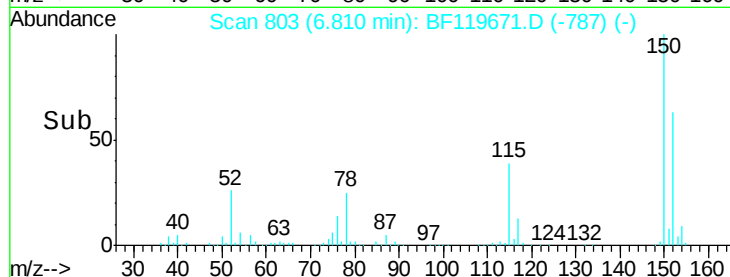
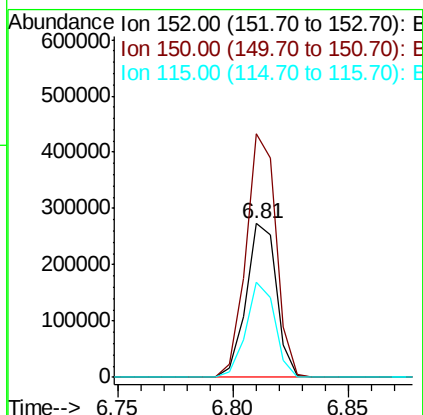
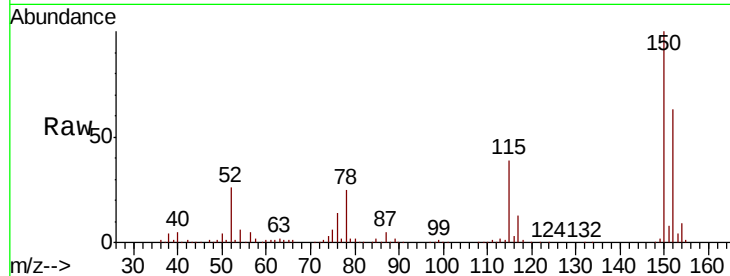


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF119671.D
Acq: 1 Apr 2020 13:40

Instrument :
BNA_F
ClientSampleId :
PL-03-033020

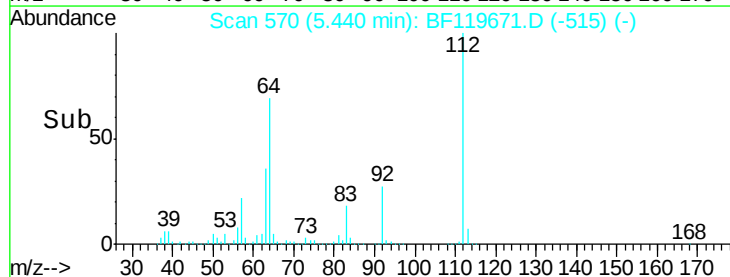
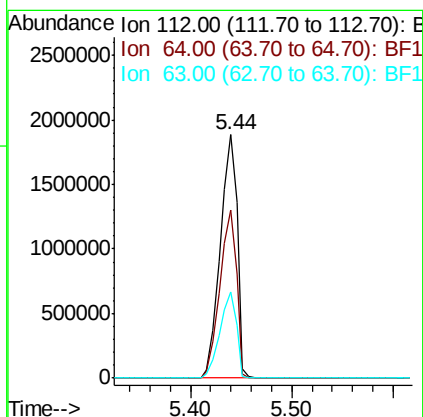
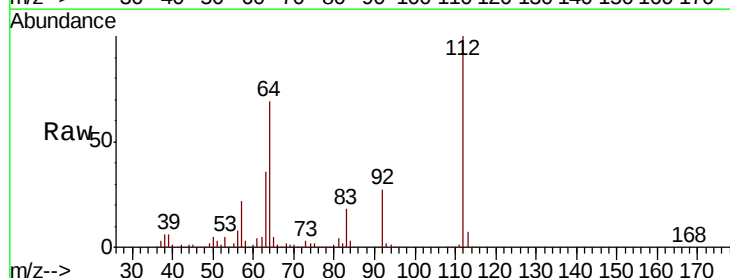
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.5	186.7
115	61.6	49.6	74.4

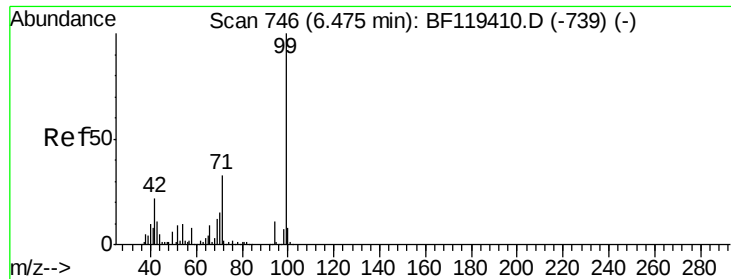


#5

2-Fluorophenol
Concen: 137.675 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF119671.D
Acq: 1 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	56.7	85.1
63	35.6	29.5	44.3





#7

Phenol-d6

Concen: 126.406 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF119671.D

Acq: 1 Apr 2020 13:40

Instrument :

BNA_F

ClientSampled :

PL-03-033020

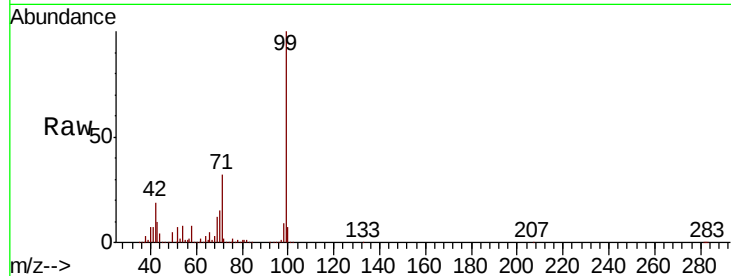
Tot Ion: 99 Resp: 2555268

Ion Ratio Lower Upper

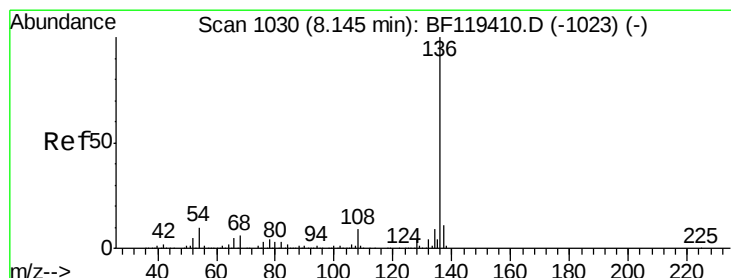
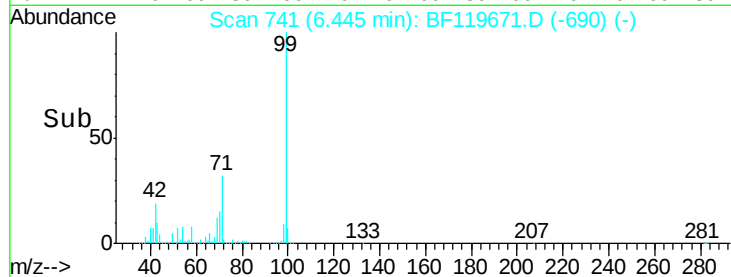
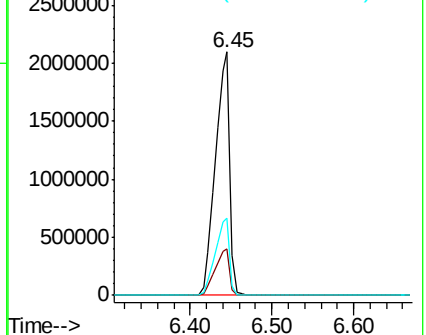
99 100

42 19.0 16.6 24.8

71 31.9 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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF119671.D

Acq: 1 Apr 2020 13:40

Tgt Ion: 136 Resp: 975481

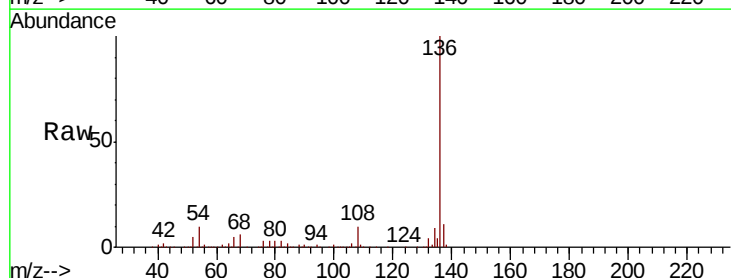
Ion Ratio Lower Upper

136 100

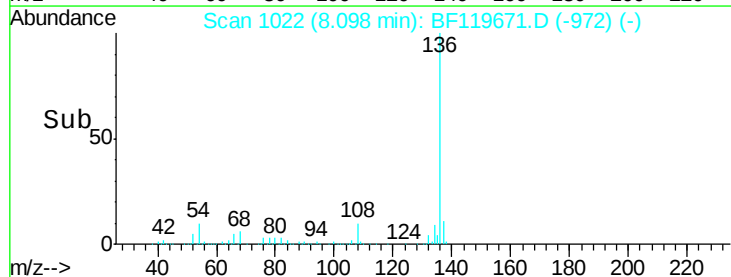
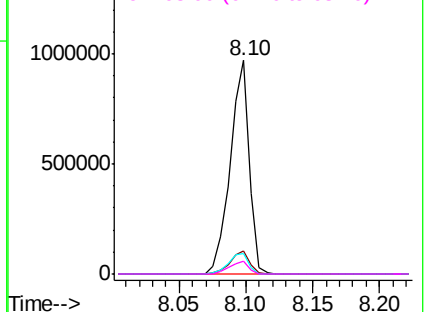
137 10.9 8.7 13.1

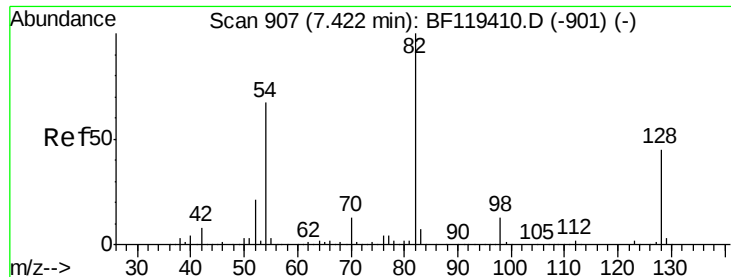
54 9.7 9.1 13.7

68 5.8 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

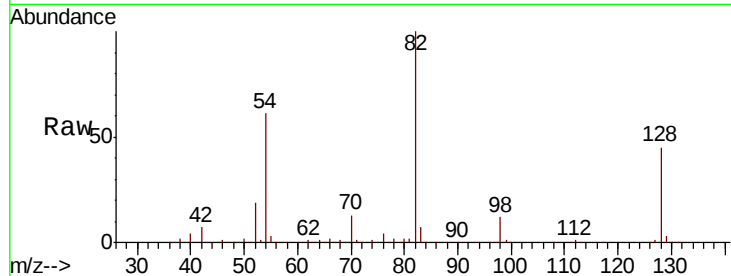




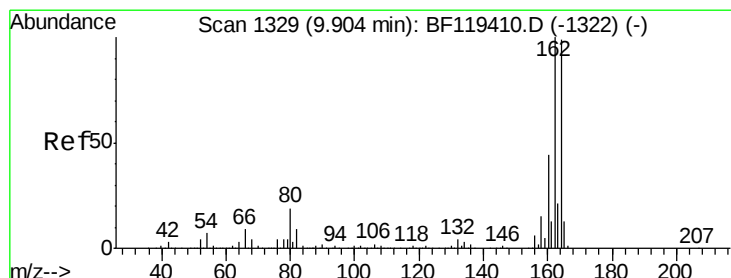
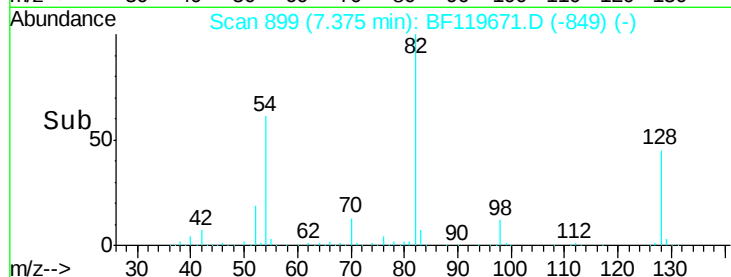
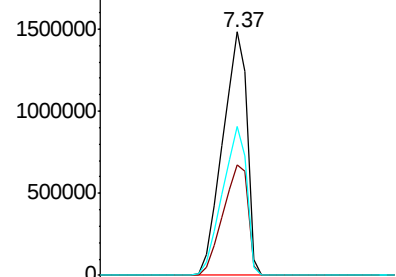
#23
 Nitrobenzene-d5
 Concen: 104.679 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF119671.D
 Acq: 1 Apr 2020 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PL-03-033020

Tot Ion: 82 Resp: 1878871
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.3 54.5
 54 61.4 50.6 75.8

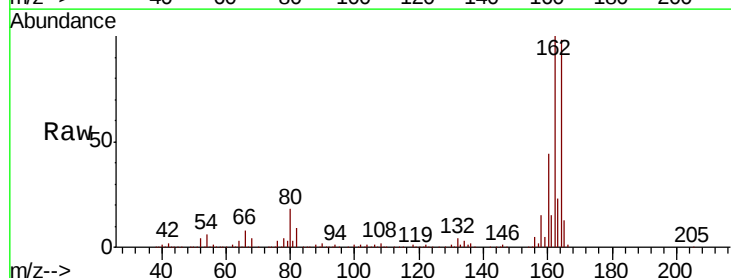


Abundance Ion 82.00 (81.70 to 82.70): BF1
 2000000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

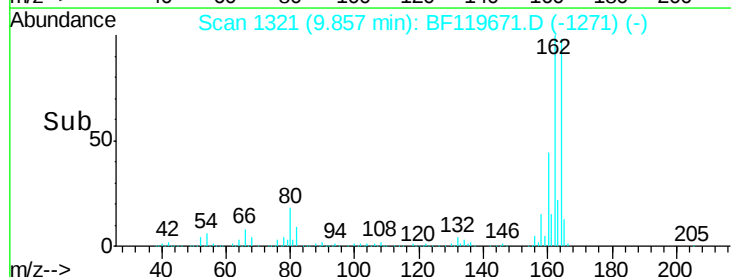
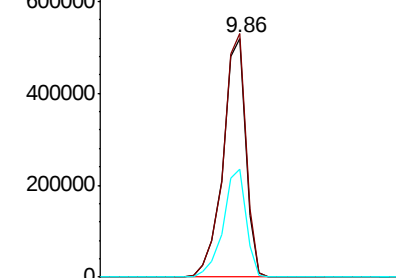


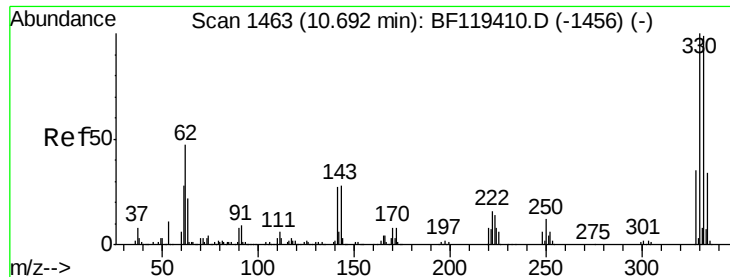
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF119671.D
 Acq: 1 Apr 2020 13:40

Tgt Ion: 164 Resp: 516250
 Ion Ratio Lower Upper
 164 100
 162 102.0 80.6 121.0
 160 45.3 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 600000 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

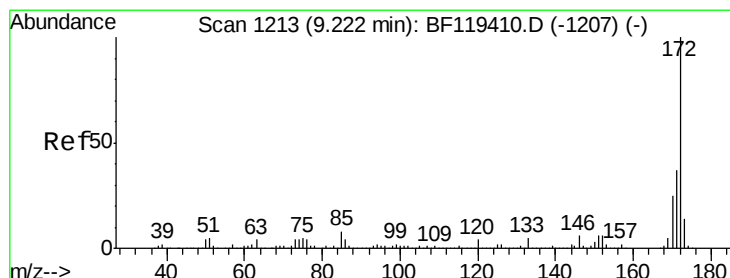
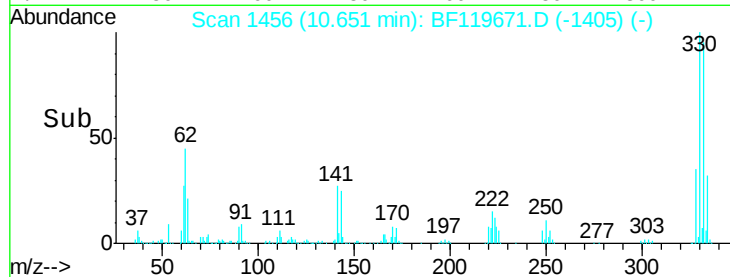
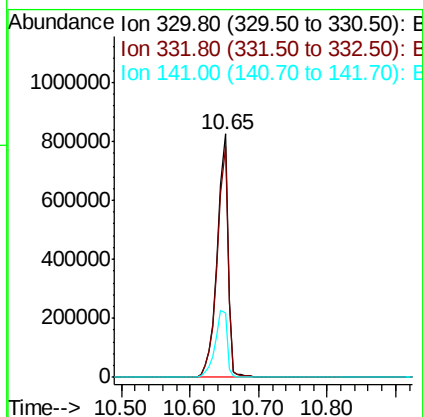
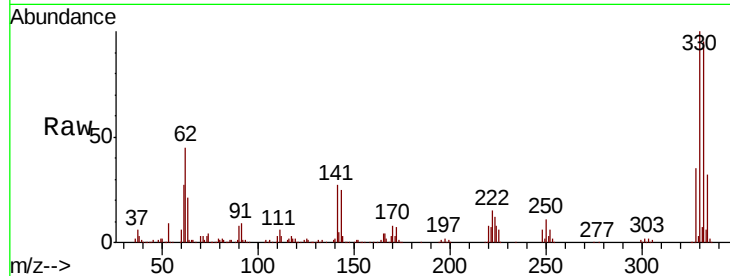




#42
 2,4,6-Tribromophenol
 Concen: 166.827 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BF119671.D
 Acq: 1 Apr 2020 13:40

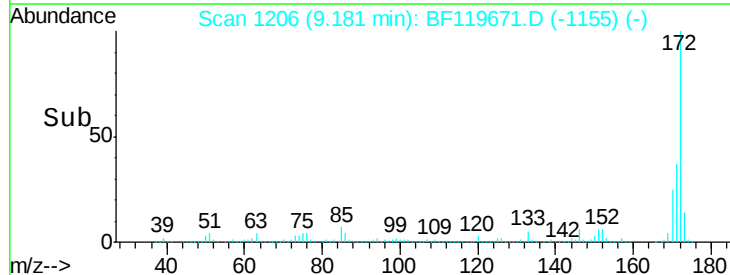
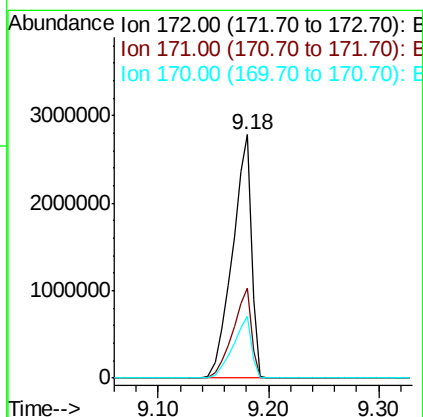
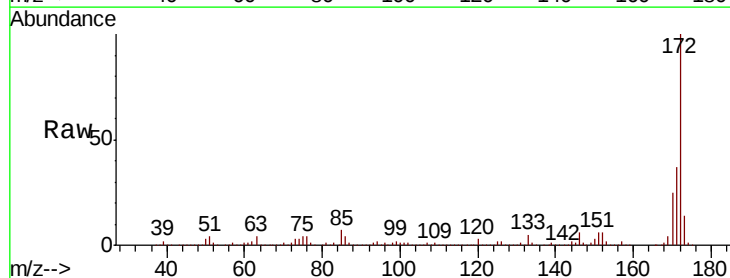
Instrument :
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 ClientSampleId :
 PL-03-033020

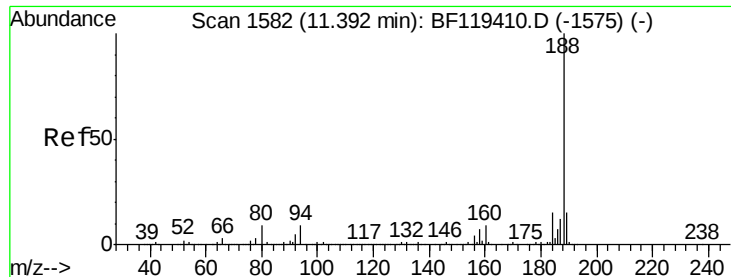
Tot Ion:330 Resp: 888514
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.7 113.5
 141 30.4 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 96.275 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF119671.D
 Acq: 1 Apr 2020 13:40

Tgt Ion:172 Resp: 3354890
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 25.2 20.2 30.2

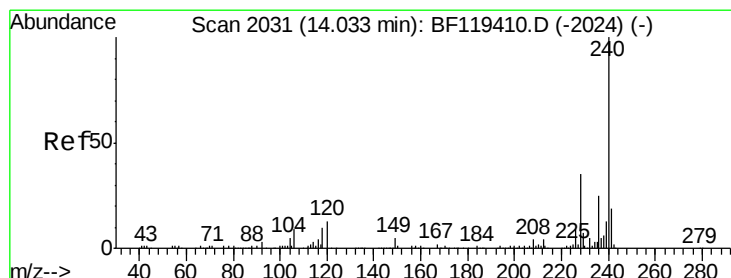
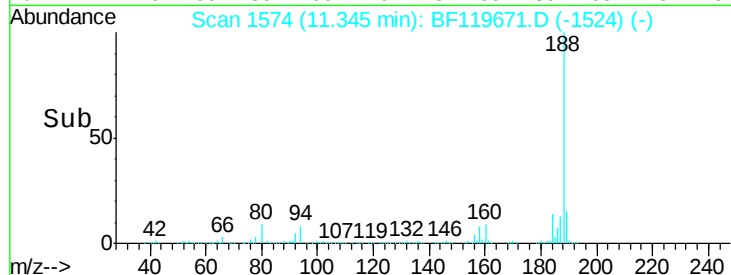
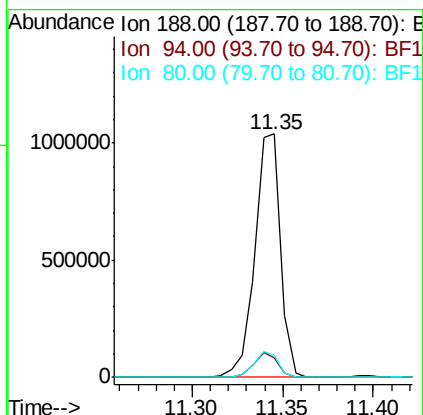
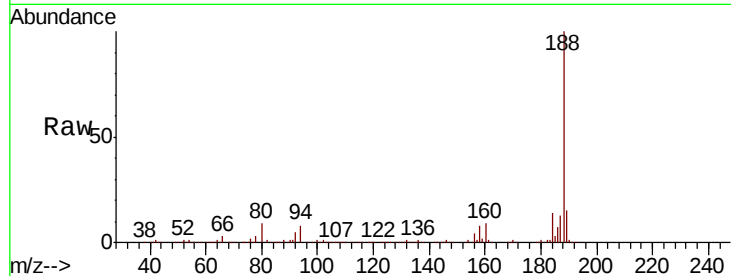




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF119671.D
 Acq: 1 Apr 2020 13:40

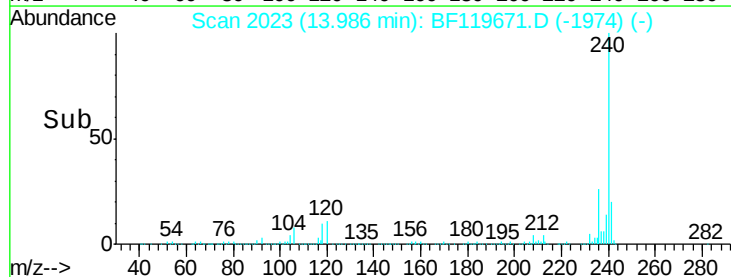
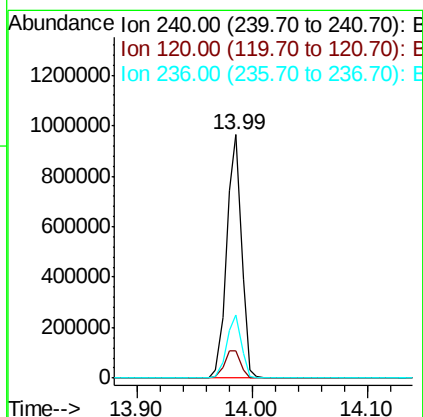
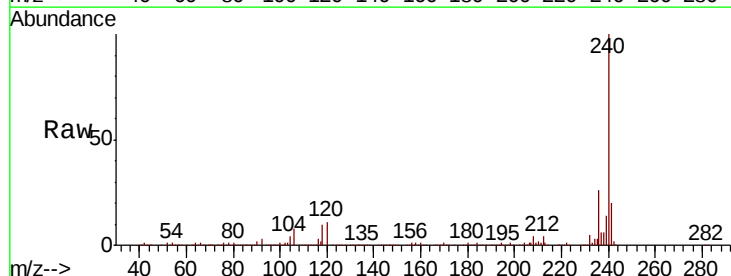
Instrument :
 BNA_F
 ClientSampleId :
 PL-03-033020

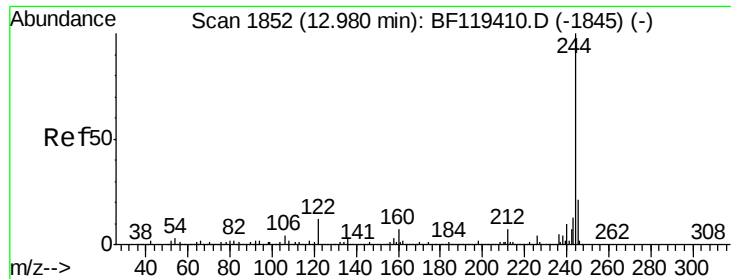
Tot Ion:188 Resp: 1023248
 Ion Ratio Lower Upper
 188 100
 94 8.3 7.5 11.3
 80 9.3 9.0 13.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF119671.D
 Acq: 1 Apr 2020 13:40

Tgt Ion:240 Resp: 855302
 Ion Ratio Lower Upper
 240 100
 120 11.4 10.6 15.8
 236 25.8 20.2 30.2





#79

Terphenyl-d14

Concen: 91.898 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF119671.D

Acq: 1 Apr 2020 13:40

Instrument :

BNA_F

ClientSampleId :

PL-03-033020

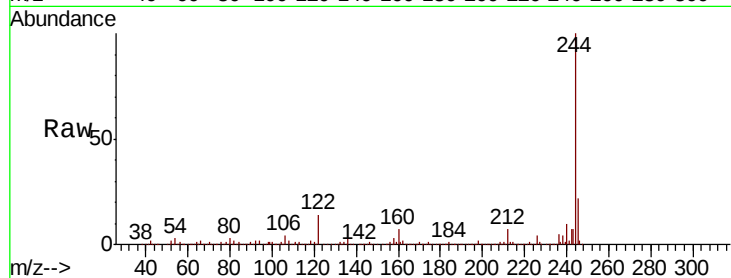
Tot Ion:244 Resp: 4011848

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

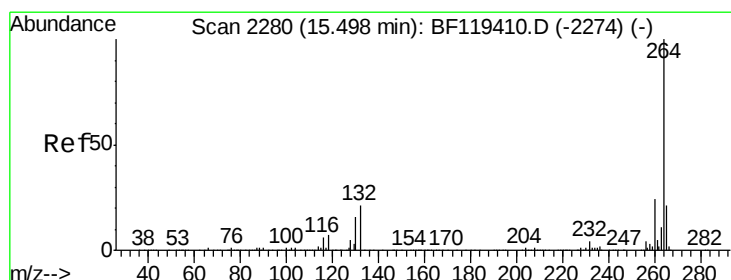
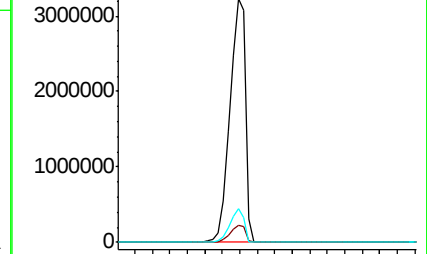
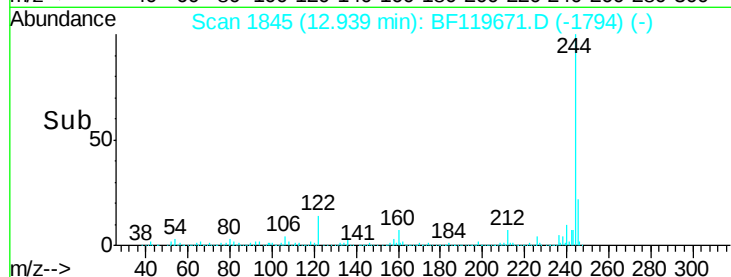
122 13.6 10.3 15.5



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: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF119671.D

Acq: 1 Apr 2020 13:40

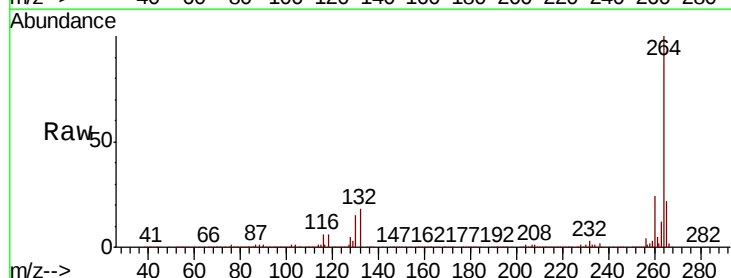
Tgt Ion:264 Resp: 891066

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.8 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

