

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
 Data File : BF119630.D
 Acq On : 30 Mar 2020 13:35
 Operator : MA/SJ
 Sample : PB127886BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127886BL

Quant Time: Mar 30 14:06:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	347137	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1358301	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	724295	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	1476483	20.00	ng	0.00
76) Chrysene-d12	14.01	240	1250827	20.00	ng	0.00
87) Perylene-d12	15.48	264	1276189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2813576	129.03	ng	0.02
7) Phenol-d6	6.46	99	3559978	127.80	ng	0.00
23) Nitrobenzene-d5	7.40	82	2253354	90.16	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	1131037	151.36	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	4098936	83.84	ng	0.00
79) Terphenyl-d14	12.97	244	4976795	77.95	ng	0.00

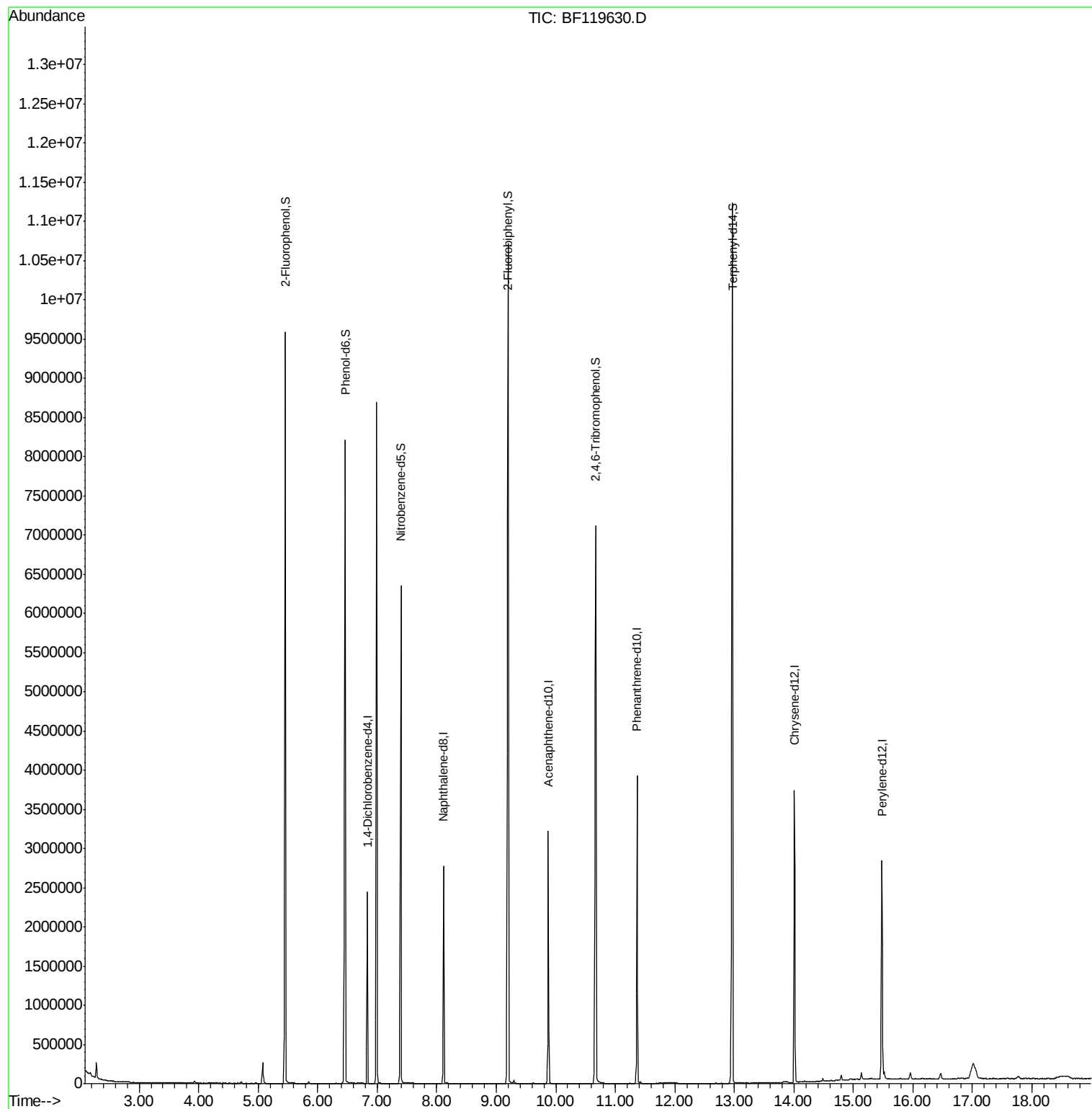
Target Compounds Qvalue

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

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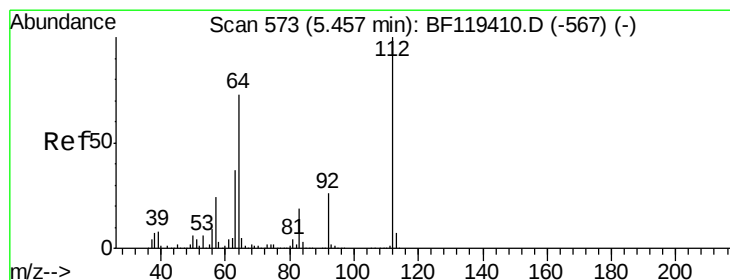
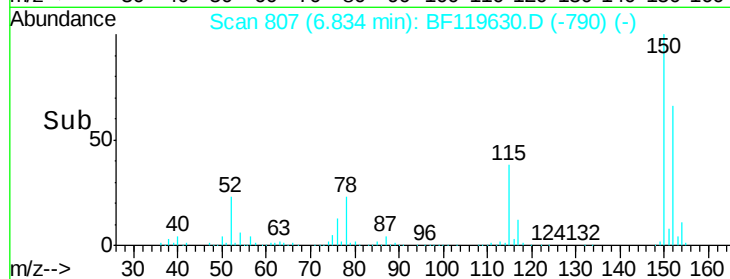
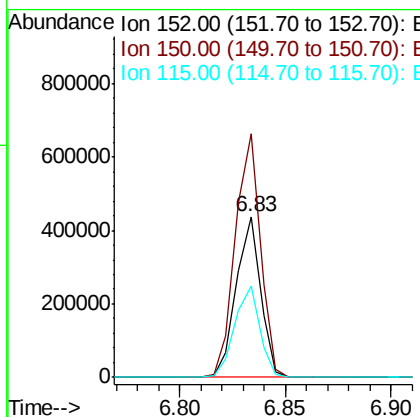
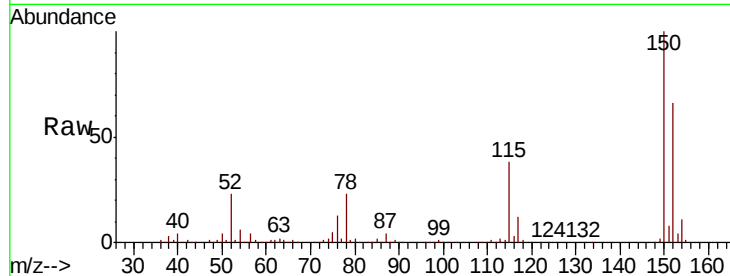




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF119630.D
 Acq: 30 Mar 2020 13:35

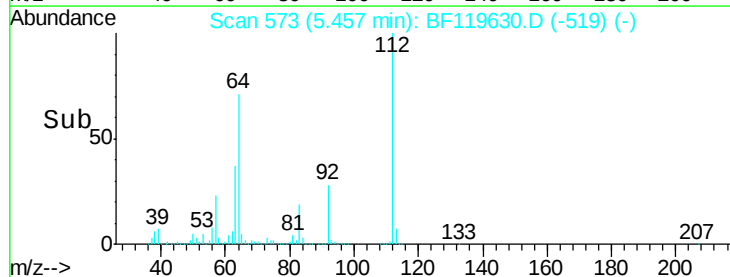
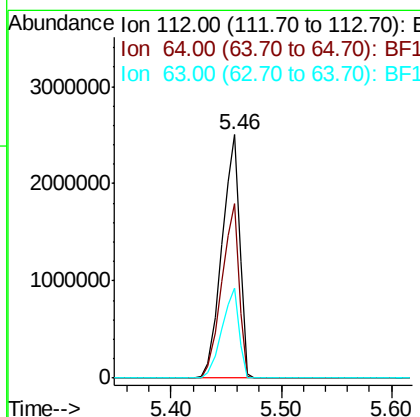
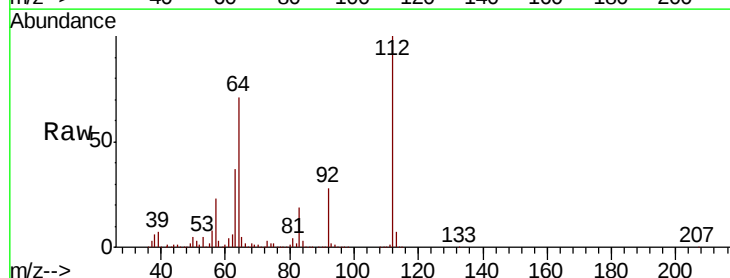
Instrument :
 BNA_F
 ClientSampleId :
 PB127886BL

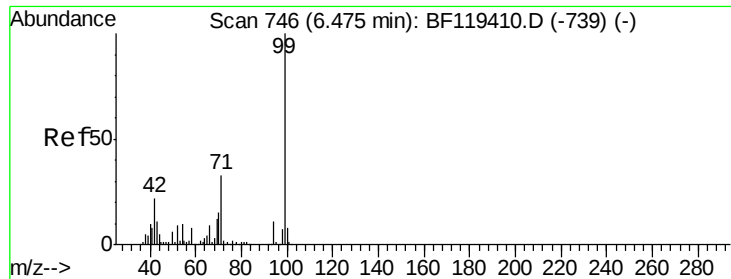
Tot Ion:152 Resp: 347137
 Ion Ratio Lower Upper
 152 100
 150 151.7 124.5 186.7
 115 57.1 49.6 74.4



#5
 2-Fluorophenol
 Concen: 129.025 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: BF119630.D
 Acq: 30 Mar 2020 13:35

Tgt Ion:112 Resp: 2813576
 Ion Ratio Lower Upper
 112 100
 64 71.5 56.7 85.1
 63 36.8 29.5 44.3





#7

Phenol-d6

Concen: 127.799 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119630.D

Acq: 30 Mar 2020 13:35

Instrument :

BNA_F

ClientSampleId :

PB127886BL

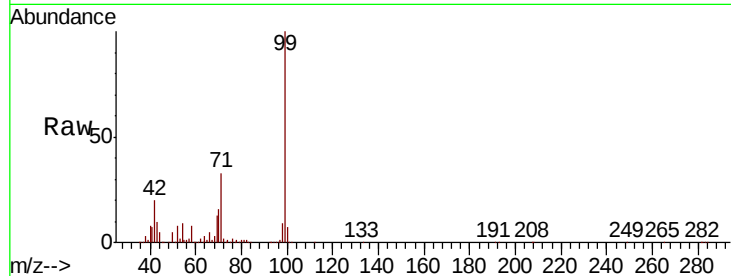
Tot Ion: 99 Resp: 3559978

Ion Ratio Lower Upper

99 100

42 19.7 16.6 24.8

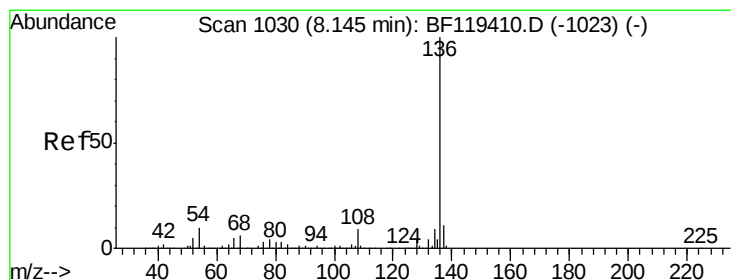
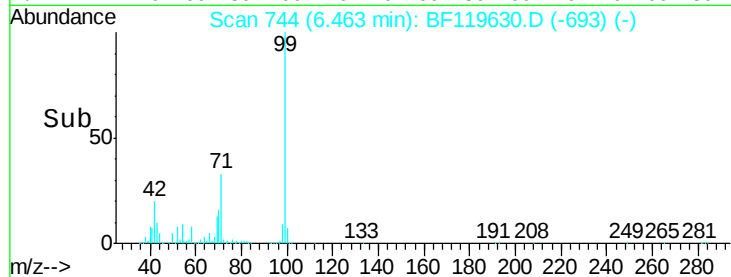
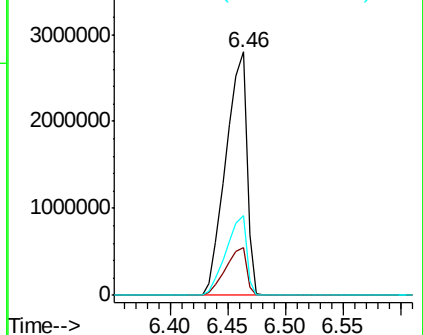
71 32.9 26.4 39.6



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119630.D

Acq: 30 Mar 2020 13:35

Tgt Ion: 136 Resp: 1358301

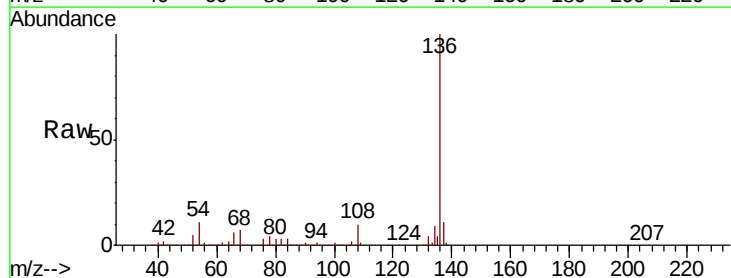
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 10.7 9.1 13.7

68 6.6 4.6 6.8

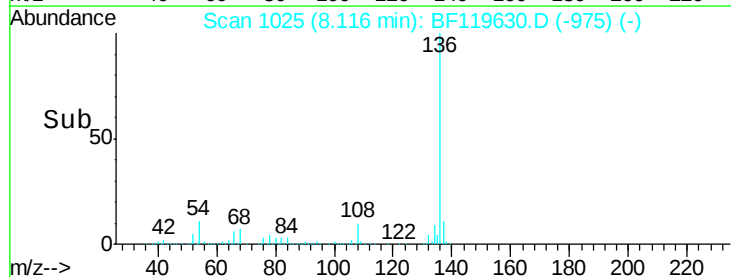
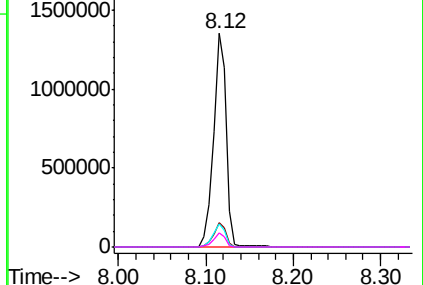


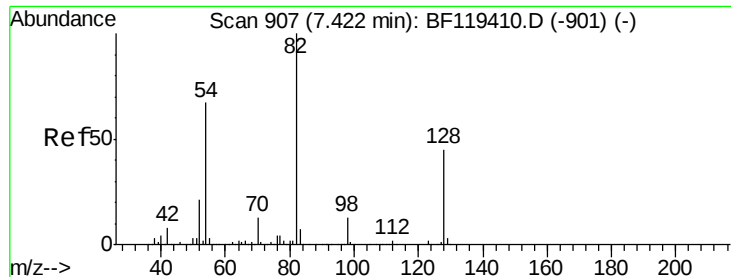
Abundance Ion 136.00 (135.70 to 136.70): E

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

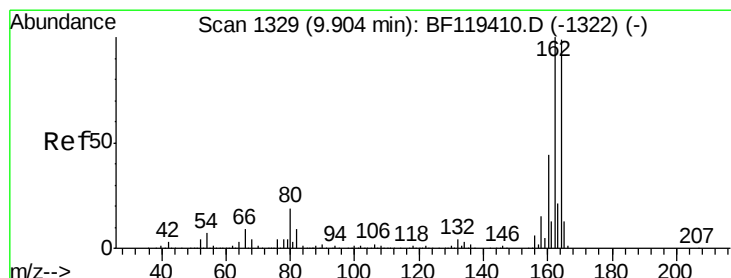
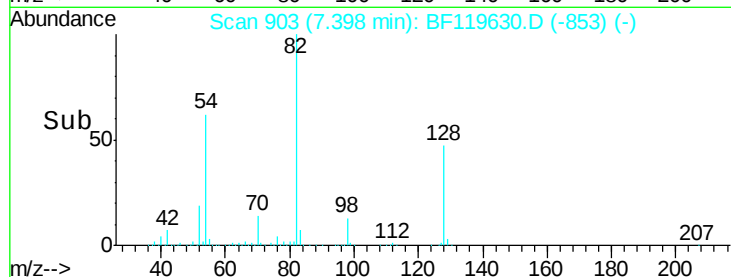
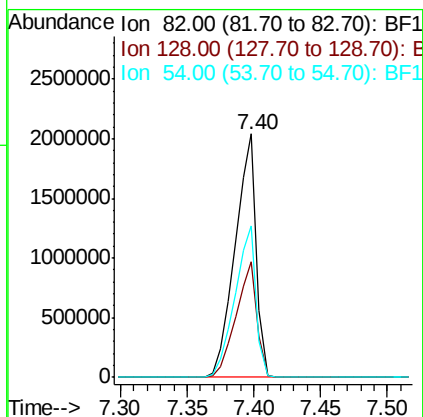
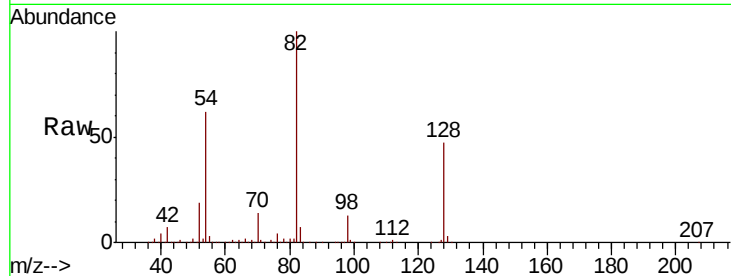




#23
Nitrobenzene-d5
Concen: 90.160 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119630.D
Acq: 30 Mar 2020 13:35

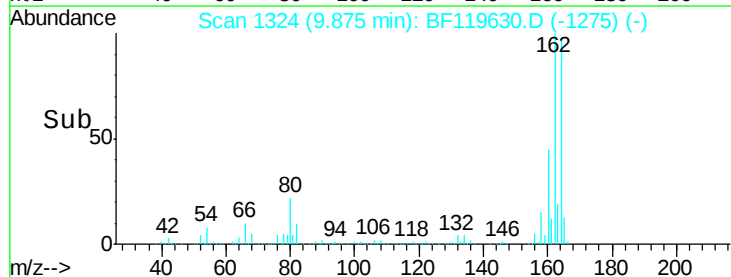
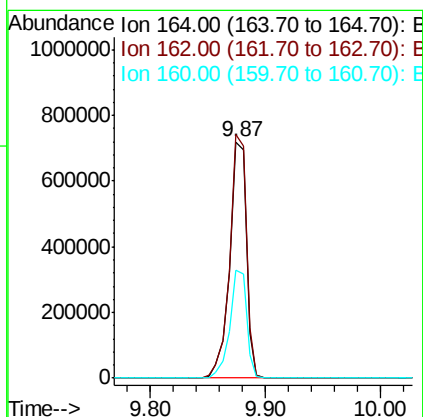
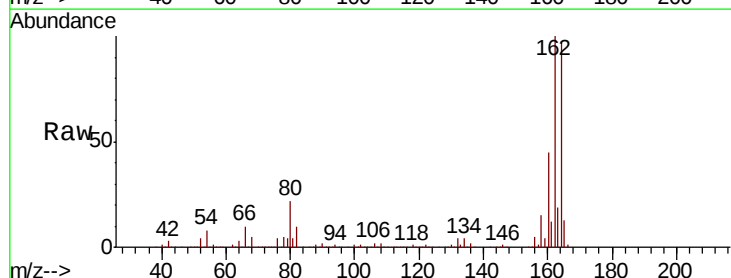
Instrument :
BNA_F
ClientSampleId :
PB127886BL

Tot Ion: 82 Resp: 2253354
Ion Ratio Lower Upper
82 100
128 47.4 36.3 54.5
54 62.0 50.6 75.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119630.D
Acq: 30 Mar 2020 13:35

Tgt Ion: 164 Resp: 724295
Ion Ratio Lower Upper
164 100
162 103.1 80.6 121.0
160 45.9 35.7 53.5

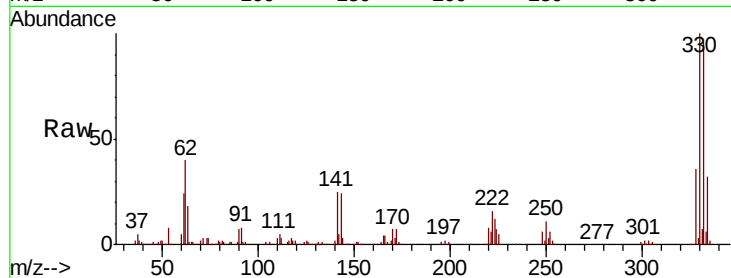




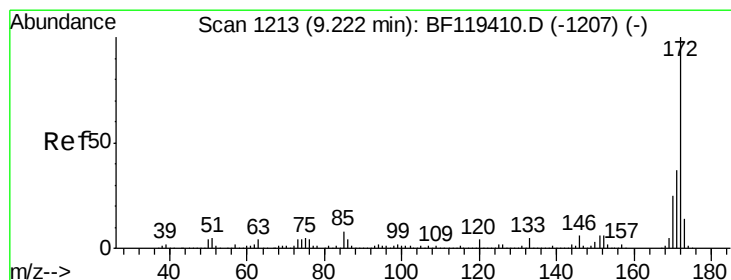
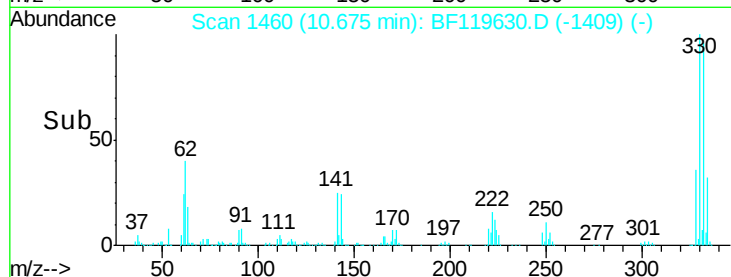
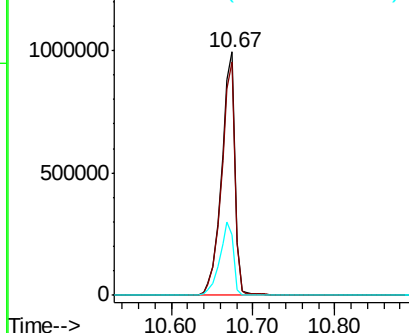
#42
 2,4,6-Tribromophenol
 Concen: 151.364 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF119630.D
 Acq: 30 Mar 2020 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB127886BL

Tot Ion:330 Resp: 1131037
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.7 113.5
 141 30.9 25.4 38.0

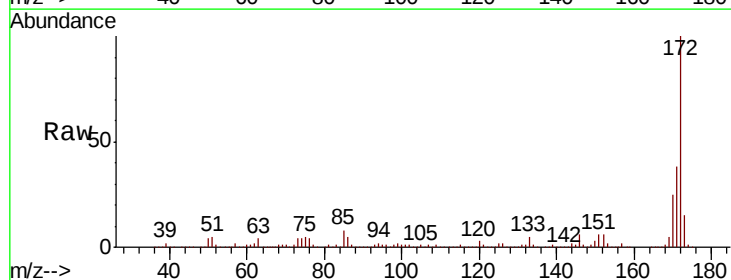


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

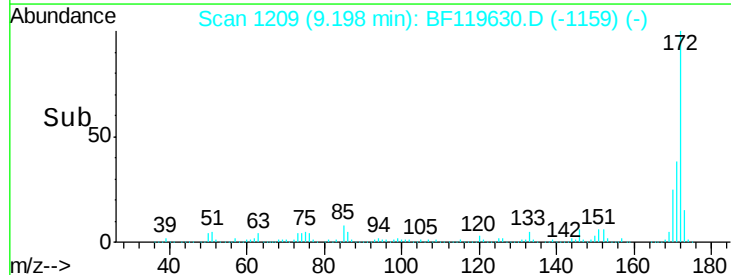
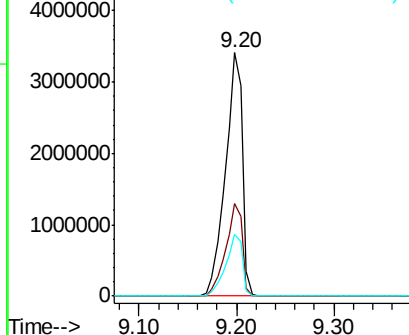


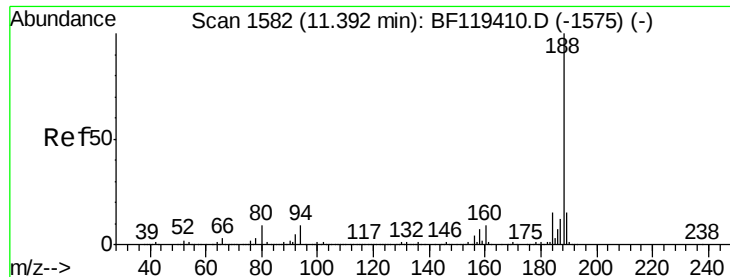
#45
 2-Fluorobiphenyl
 Concen: 83.840 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119630.D
 Acq: 30 Mar 2020 13:35

Tgt Ion:172 Resp: 4098936
 Ion Ratio Lower Upper
 172 100
 171 38.3 29.6 44.4
 170 25.2 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

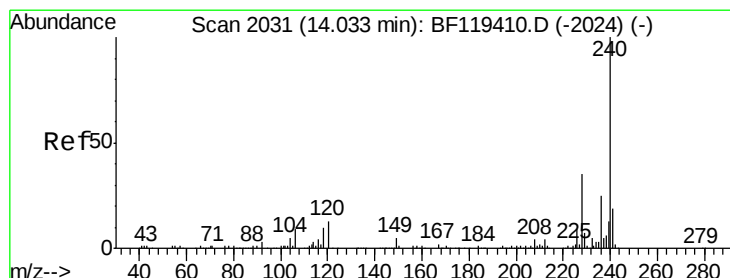
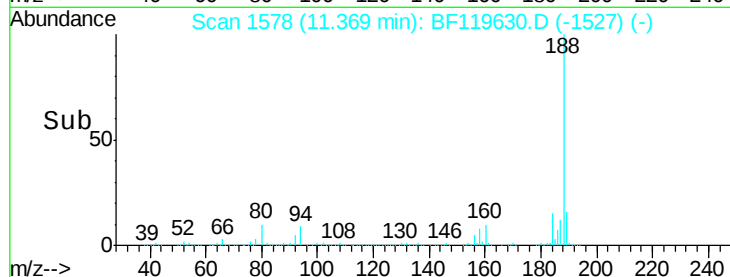
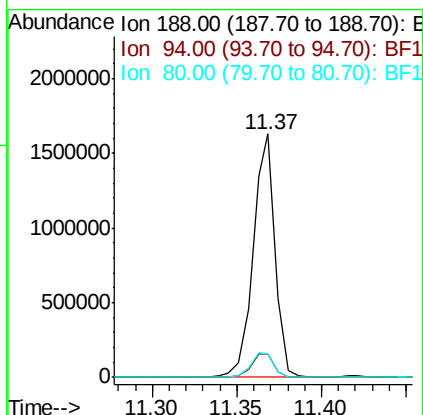
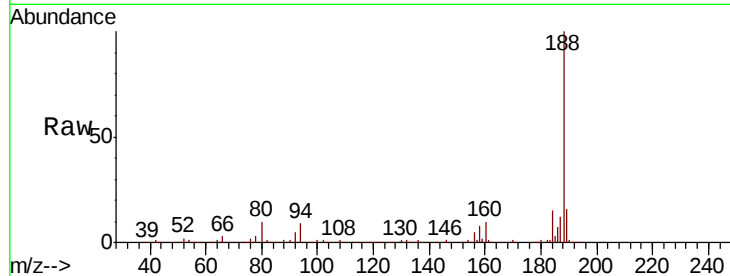




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119630.D
Acq: 30 Mar 2020 13:35

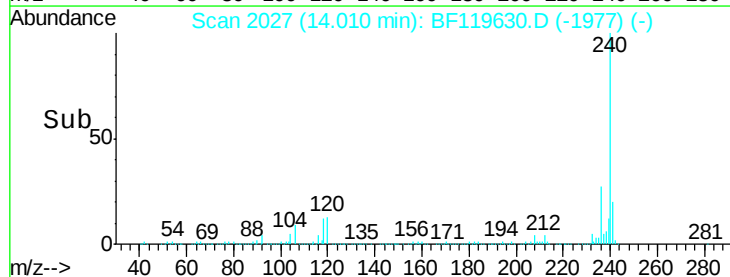
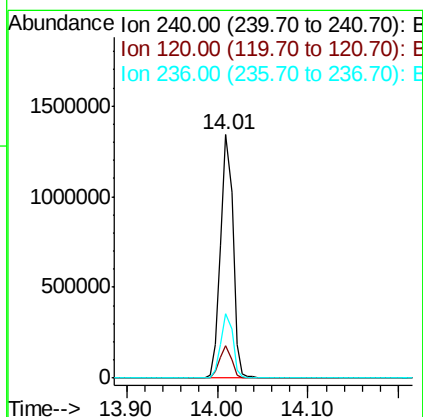
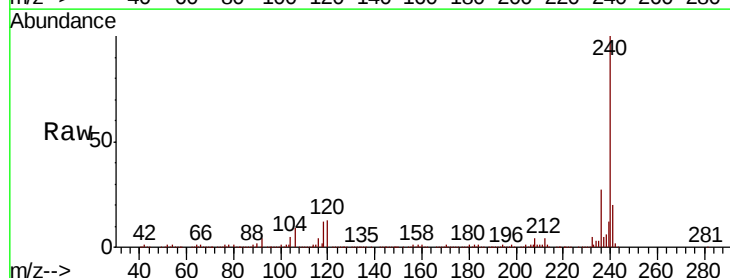
Instrument :
BNA_F
ClientSampleId :
PB127886BL

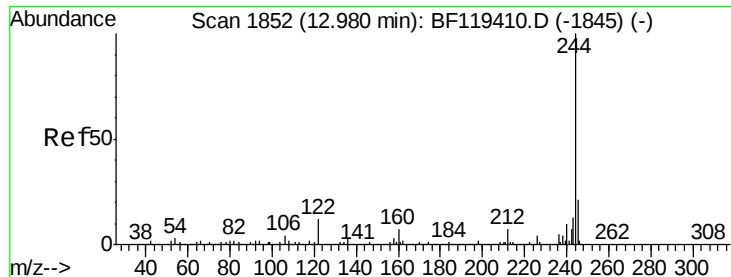
Tot Ion:188 Resp: 1476483
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 9.9 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119630.D
Acq: 30 Mar 2020 13:35

Tgt Ion:240 Resp: 1250827
Ion Ratio Lower Upper
240 100
120 13.4 10.6 15.8
236 26.7 20.2 30.2





#79

Terphenyl-d14

Concen: 77.953 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.01 min

Lab File: BF119630.D

Acq: 30 Mar 2020 13:35

Instrument :

BNA_F

ClientSampleId :

PB127886BL

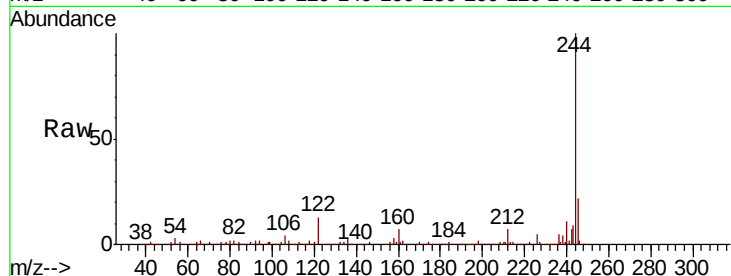
Tot Ion:244 Resp: 4976795

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 12.6 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

12.97

4000000

3000000

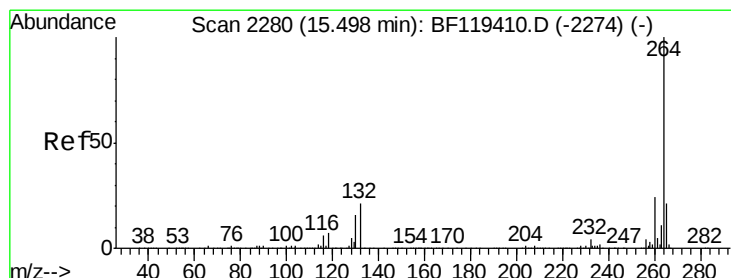
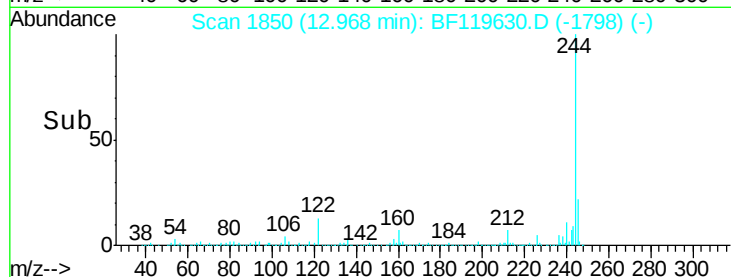
2000000

1000000

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Time-->

12.90 13.00 13.10



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BF119630.D

Acq: 30 Mar 2020 13:35

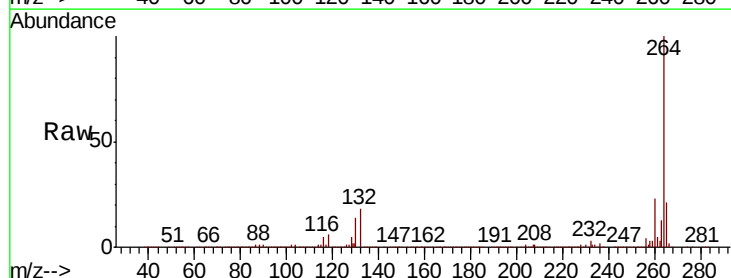
Tgt Ion:264 Resp: 1276189

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 20.8 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

15.48

1000000

500000

0

Time-->

15.40 15.50 15.60

