

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120130.D
 Acq On : 22 Apr 2020 14:50
 Operator : MA/SJ
 Sample : PB128411BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128411BL

Quant Time: Apr 22 15:48:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	136707	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	524989	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	273037	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	532389	20.00	ng	0.00
76) Chrysene-d12	13.84	240	432607	20.00	ng	-0.01
87) Perylene-d12	15.25	264	382616	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1204102	152.22	ng	0.00
7) Phenol-d6	6.32	99	1494987	146.67	ng	0.00
23) Nitrobenzene-d5	7.25	82	947773	93.40	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	413780	123.78	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1797448	93.47	ng	0.00
79) Terphenyl-d14	12.80	244	2086203	81.14	ng	0.00

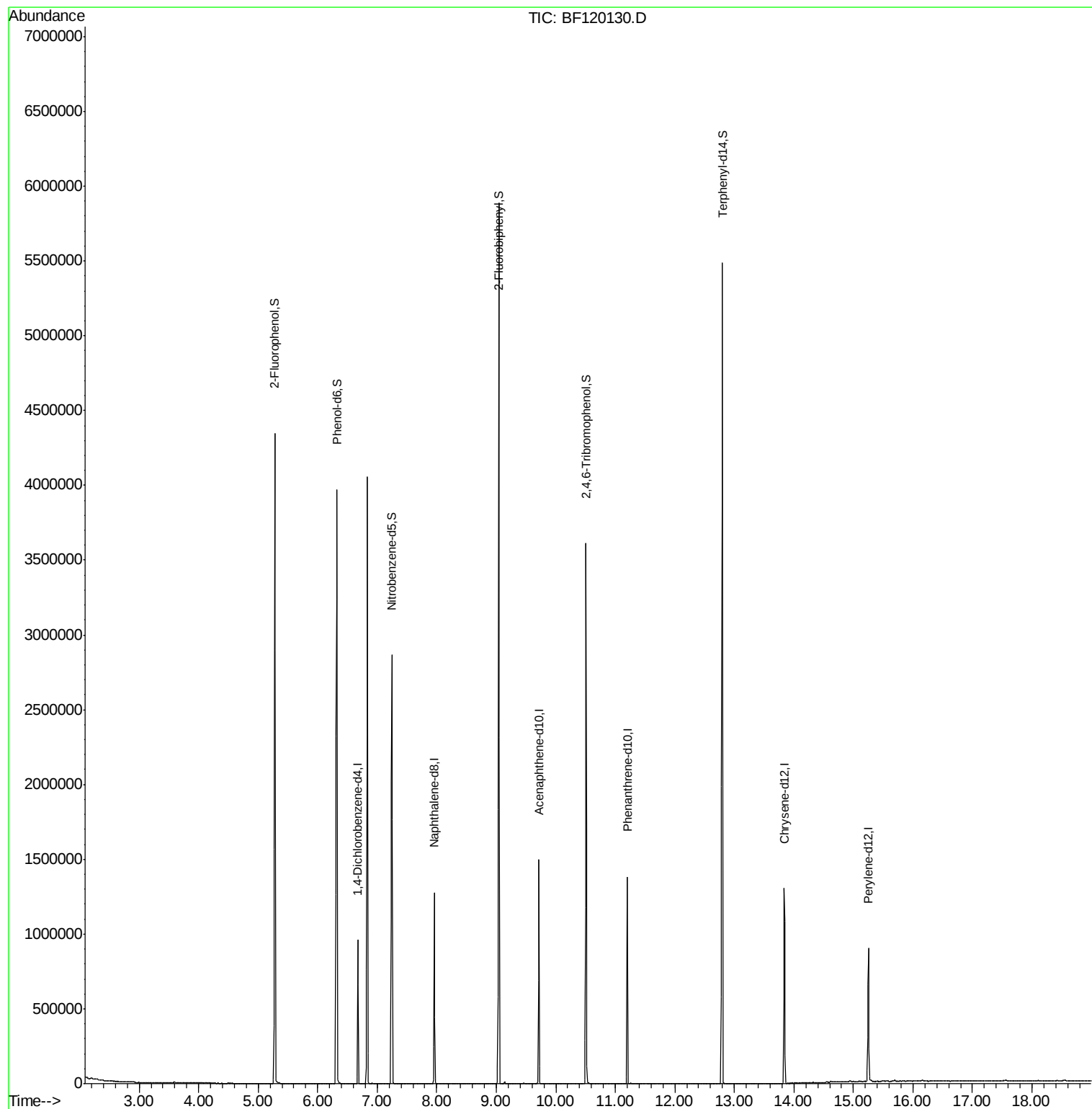
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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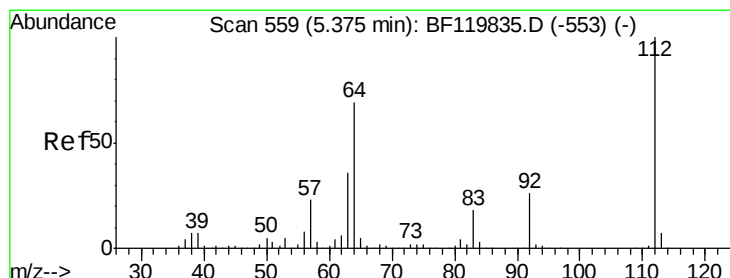
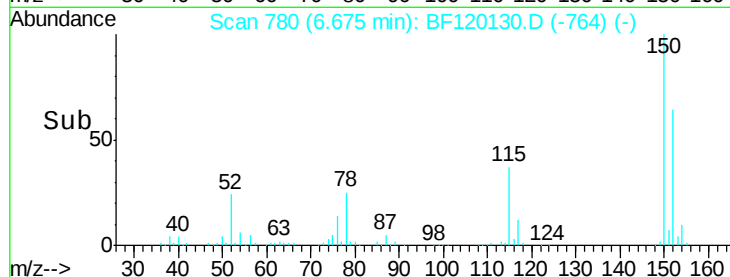
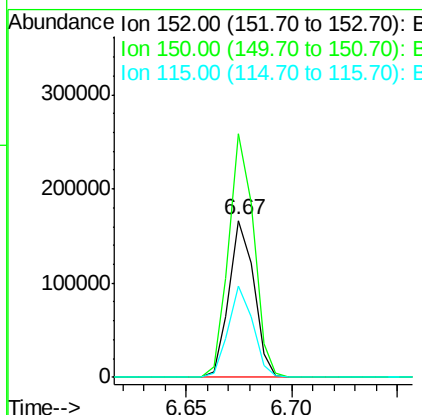
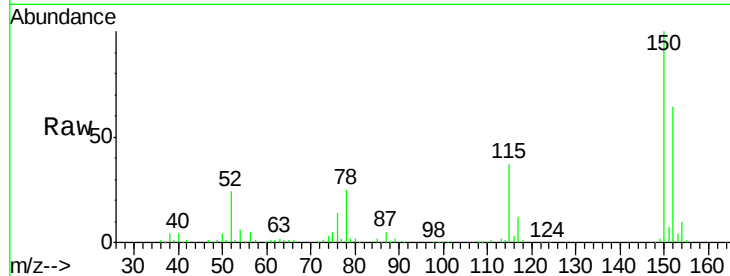




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF120130.D
 Acq: 22 Apr 2020 14:50

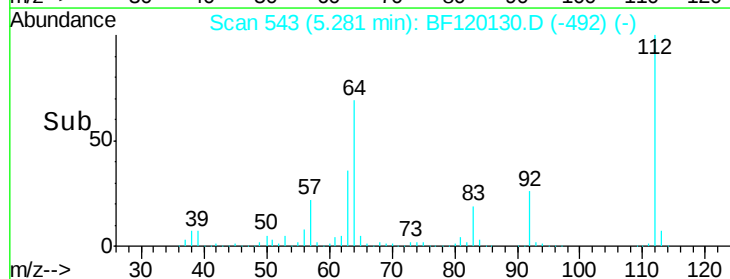
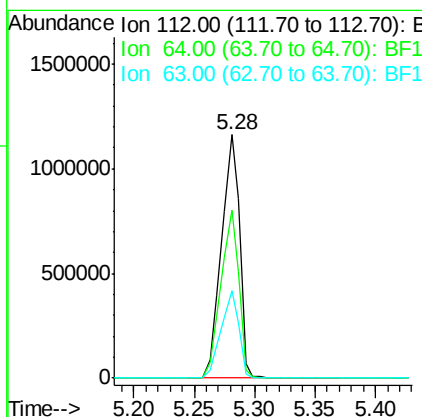
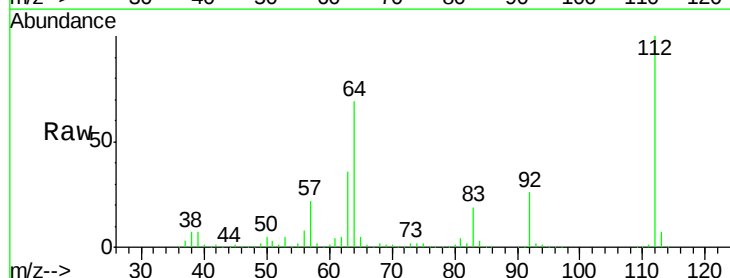
Instrument :
 BNA_F
 ClientSampleId :
 PB128411BL

Tgt Ion:152 Resp: 136707
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.5 186.7
 115 58.2 49.6 74.4



#5
 2-Fluorophenol
 Concen: 152.22 ng
 RT: 5.28 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF120130.D
 Acq: 22 Apr 2020 14:50

Tgt Ion:112 Resp: 1204102
 Ion Ratio Lower Upper
 112 100
 64 69.2 56.7 85.1
 63 35.9 29.5 44.3





#7

Phenol-d6

Concen: 146.67 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120130.D

Acq: 22 Apr 2020 14:50

Instrument :

BNA_F

ClientSampleId :

PB128411BL

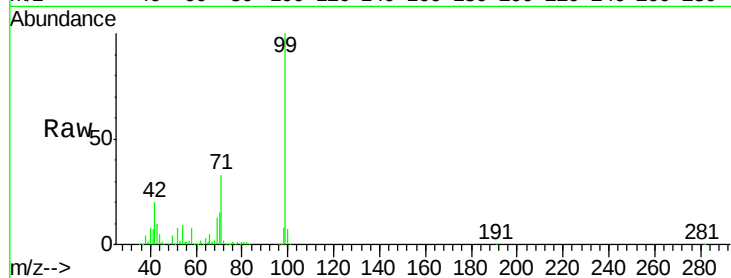
Tgt Ion: 99 Resp: 1494987

Ion Ratio Lower Upper

99 100

42 20.3 16.6 24.8

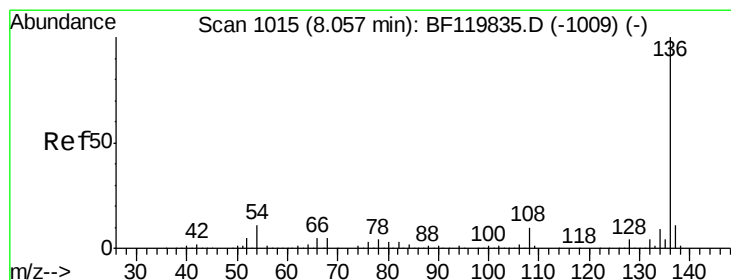
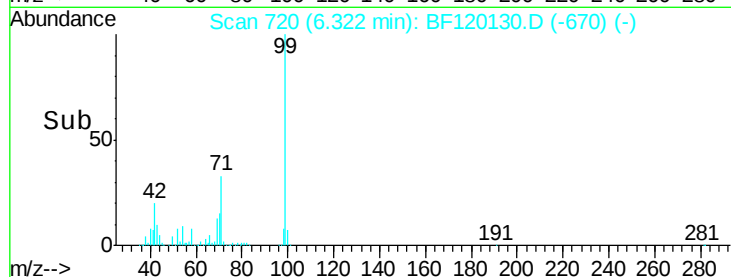
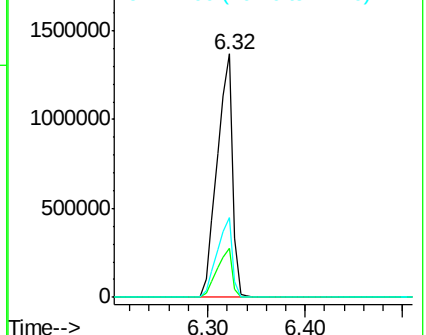
71 32.8 26.4 39.6



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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF120130.D

Acq: 22 Apr 2020 14:50

Tgt Ion: 136 Resp: 524989

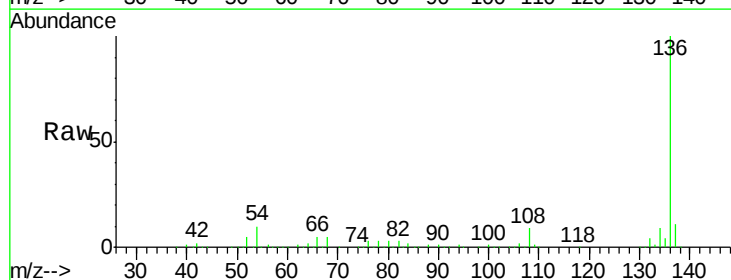
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.5 9.1 13.7

68 5.0 4.6 6.8

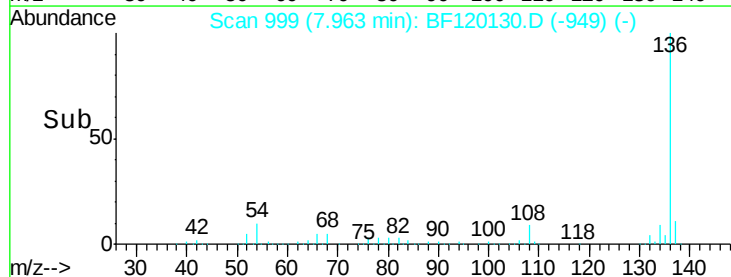
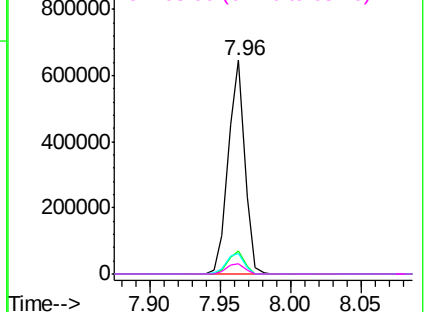


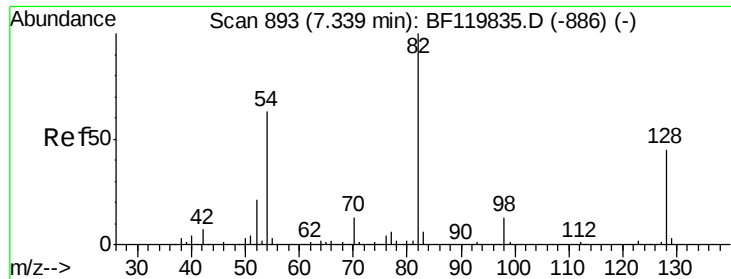
Abundance Ion 136.00 (135.70 to 136.70): E

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

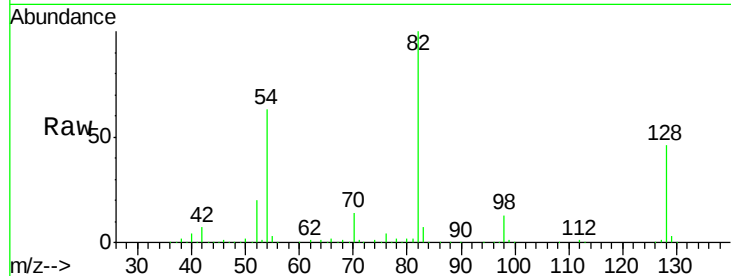




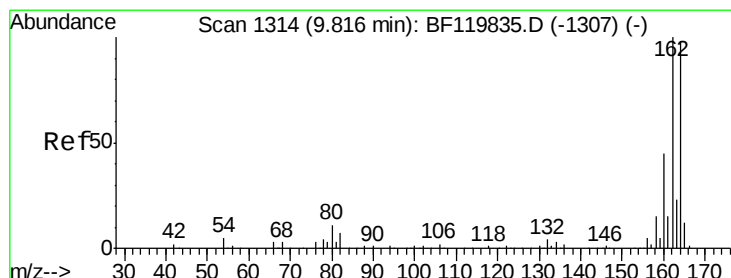
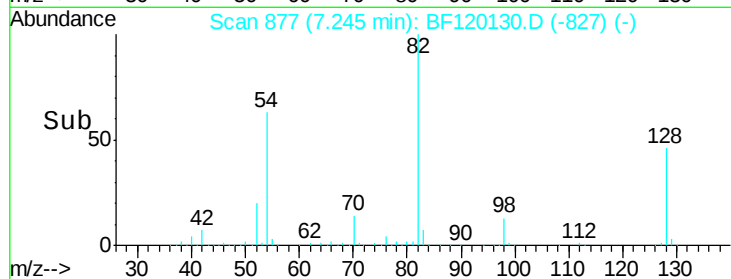
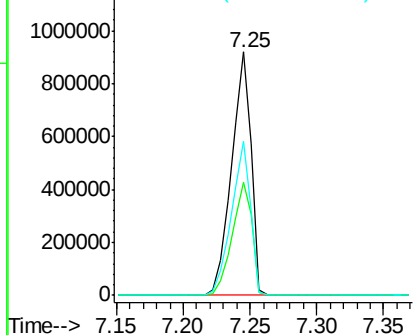
#23
 Nitrobenzene-d5
 Concen: 93.40 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF120130.D
 Acq: 22 Apr 2020 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB128411BL

Tgt Ion: 82 Resp: 947773
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.3 54.5
 54 63.3 50.6 75.8

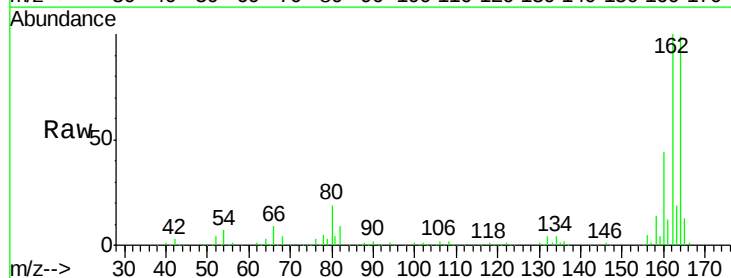


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

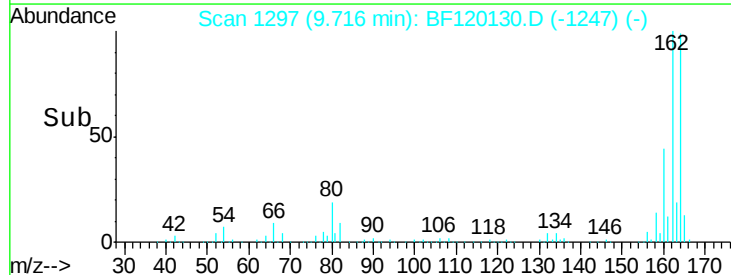
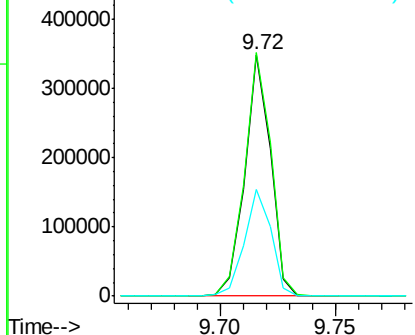


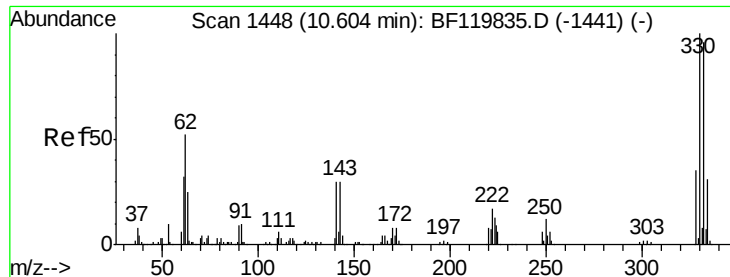
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF120130.D
 Acq: 22 Apr 2020 14:50

Tgt Ion: 164 Resp: 273037
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.6 121.0
 160 44.4 35.7 53.5



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

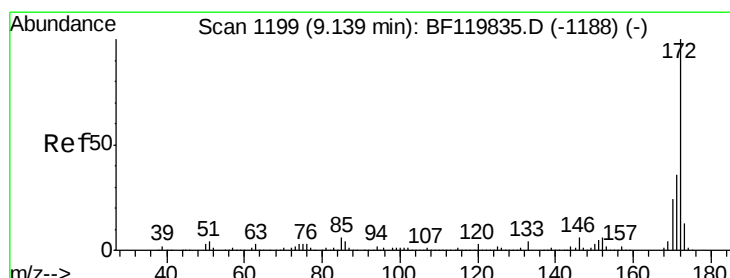
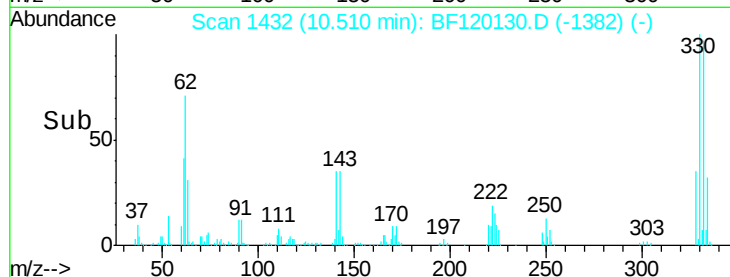
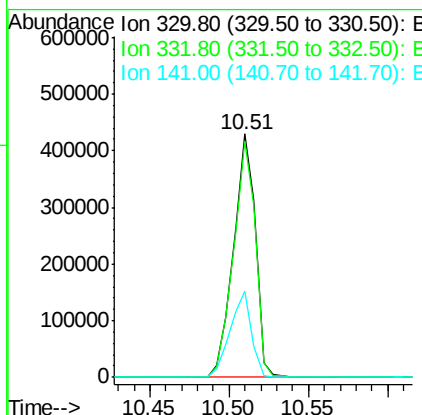
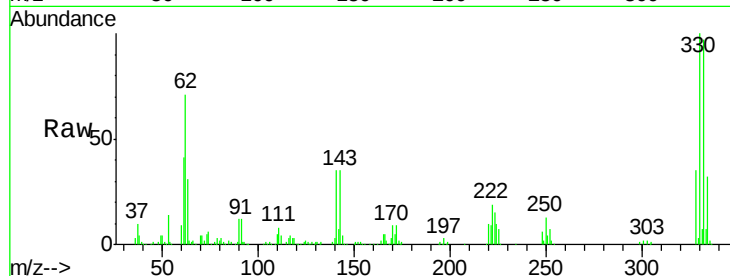




#42
 2,4,6-Tribromophenol
 Concen: 123.78 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120130.D
 Acq: 22 Apr 2020 14:50

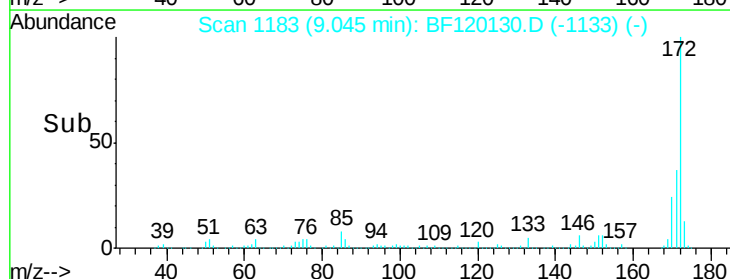
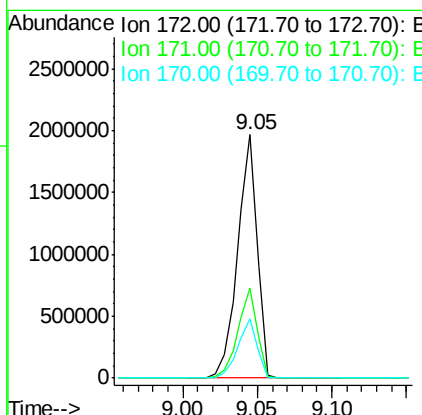
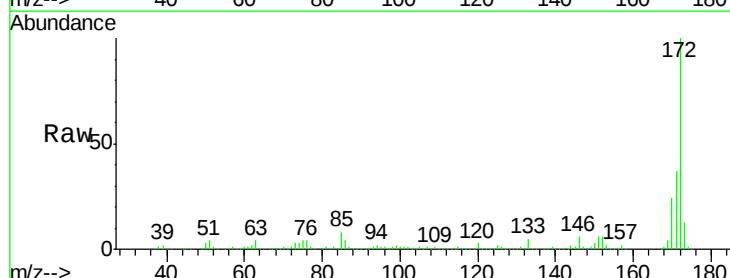
Instrument :
 BNA_F
 ClientSampleId :
 PB128411BL

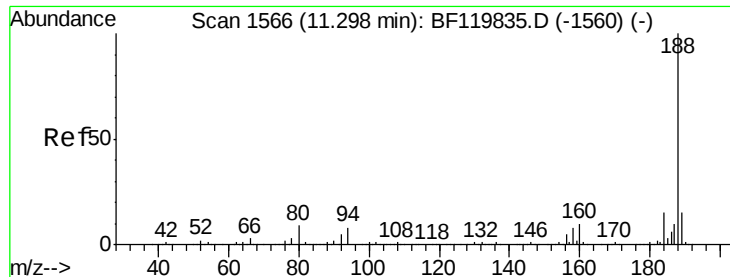
Tgt Ion:330 Resp: 413780
 Ion Ratio Lower Upper
 330 100
 332 97.6 75.7 113.5
 141 34.3 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 93.47 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120130.D
 Acq: 22 Apr 2020 14:50

Tgt Ion:172 Resp: 1797448
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.1 20.2 30.2

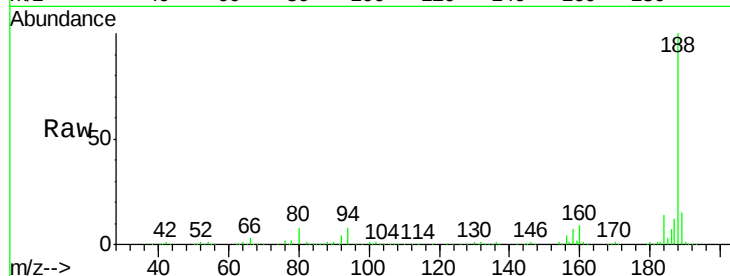




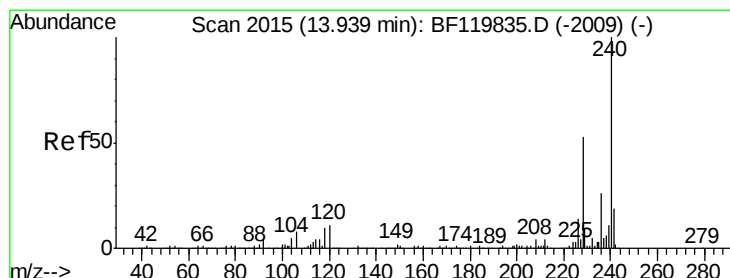
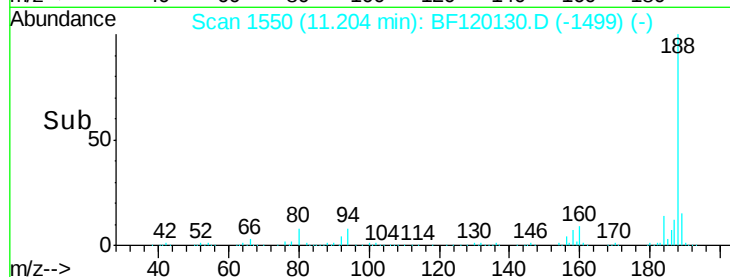
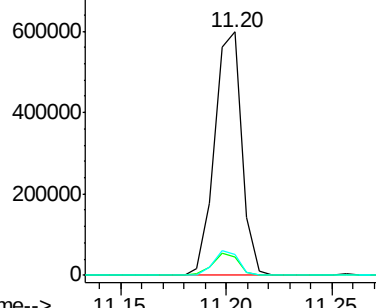
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF120130.D
Acq: 22 Apr 2020 14:50

Instrument :
BNA_F
ClientSampleId :
PB128411BL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.5	11.3
80	8.3	9.0	13.4

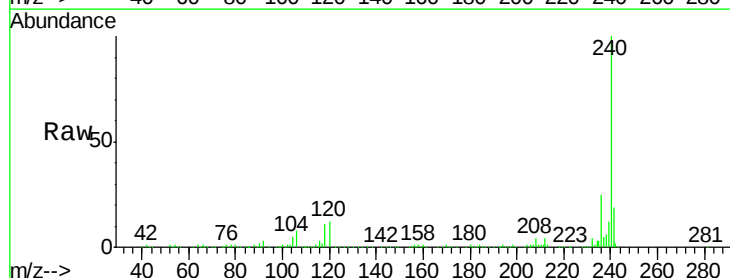


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

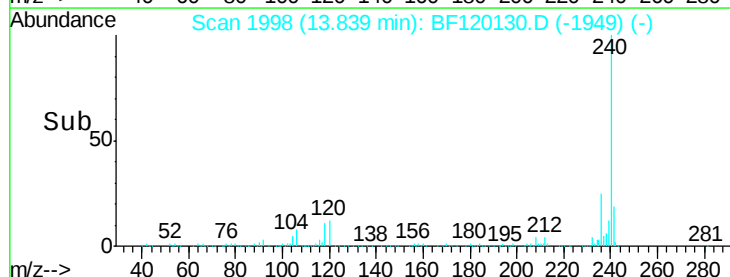
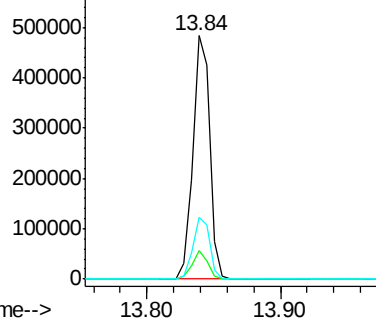


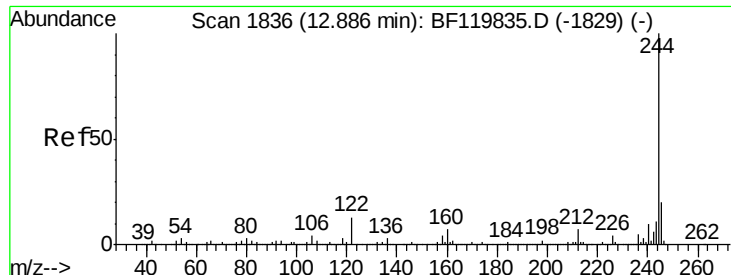
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF120130.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.6	15.8
236	25.4	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

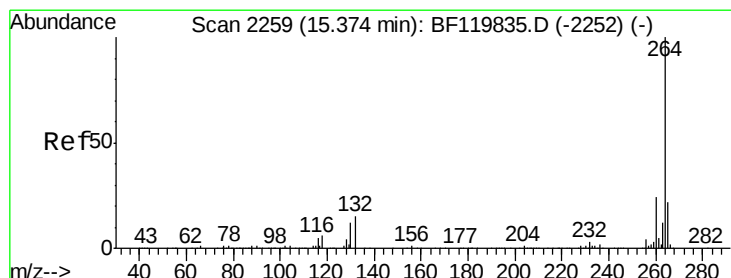
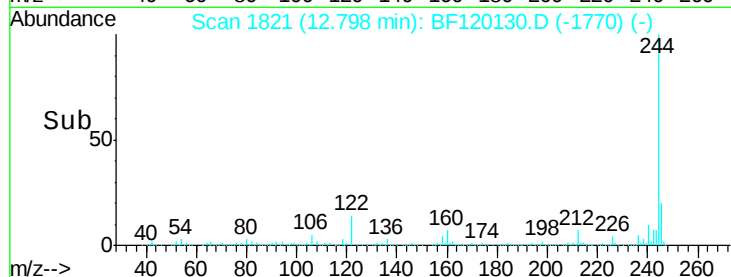
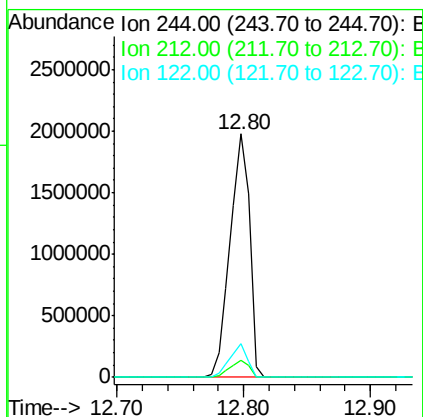
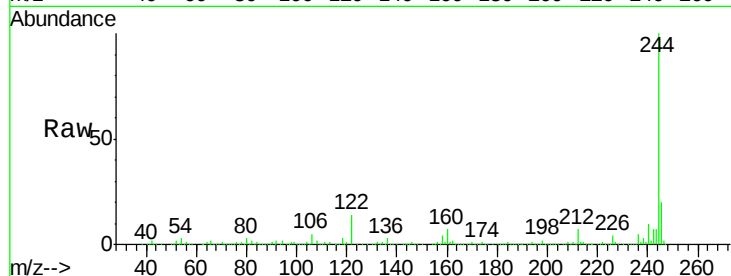




#79
 Terphenyl-d14
 Concen: 81.14 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF120130.D
 Acq: 22 Apr 2020 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB128411BL

Tgt Ion:244 Resp: 2086203
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 14.0 10.3 15.5



#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BF120130.D
 Acq: 22 Apr 2020 14:50

Tgt Ion:264 Resp: 382616
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.7 28.1
 265 21.1 17.7 26.5

