

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120124.D
 Acq On : 22 Apr 2020 12:06
 Operator : MA/SJ
 Sample : PB128358BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BL

Quant Time: Apr 22 12:37:20 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	129678	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	505632	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	270168	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	532021	20.00	ng	0.00
76) Chrysene-d12	13.84	240	437595	20.00	ng	-0.01
87) Perylene-d12	15.25	264	399412	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1205383	160.64	ng	0.00
7) Phenol-d6	6.32	99	1496826	154.81	ng	0.00
23) Nitrobenzene-d5	7.25	82	964658	98.70	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	437058	132.13	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1852611	97.36	ng	0.00
79) Terphenyl-d14	12.80	244	2129141	81.87	ng	0.00

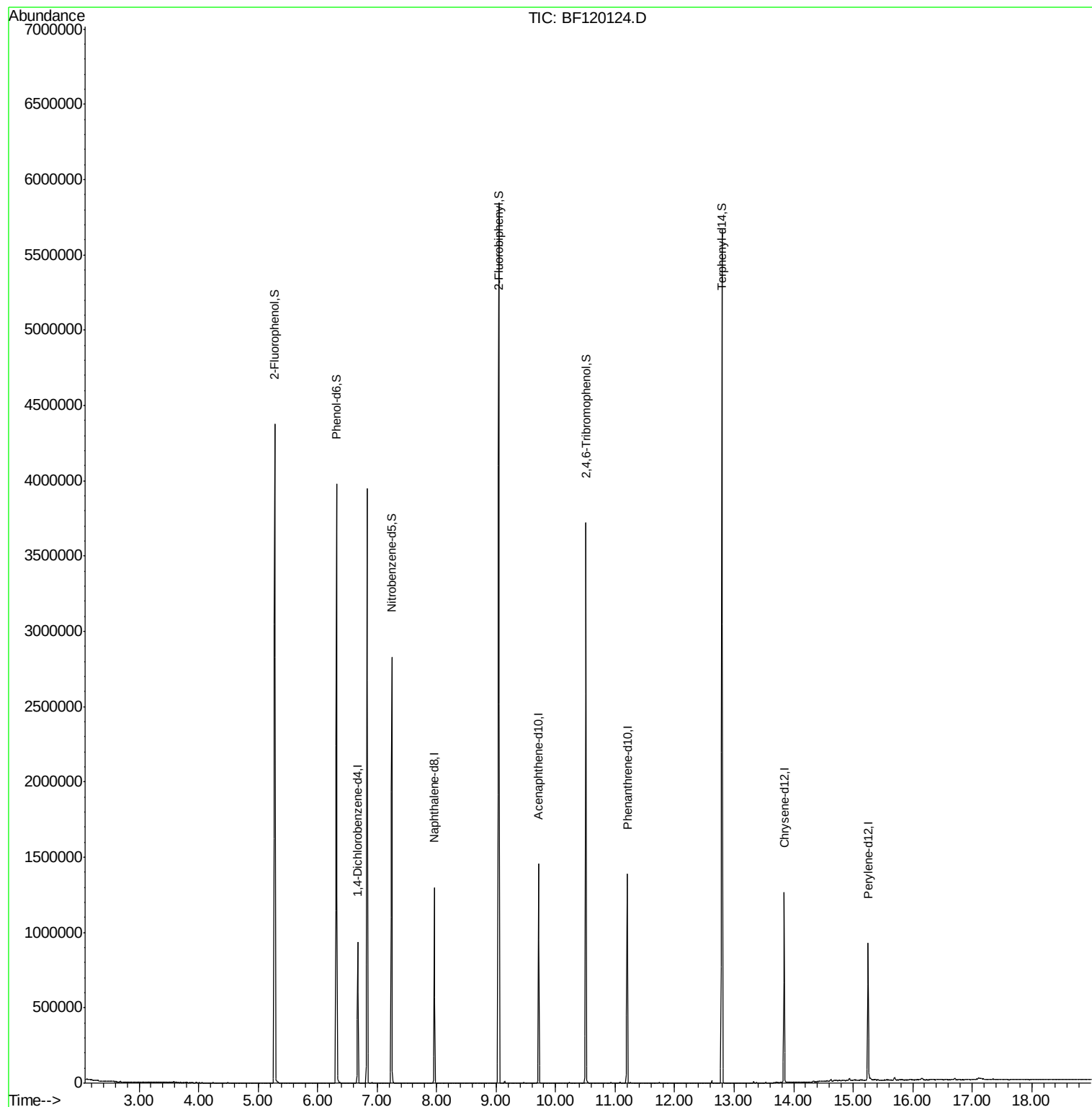
Target Compounds	Qvalue
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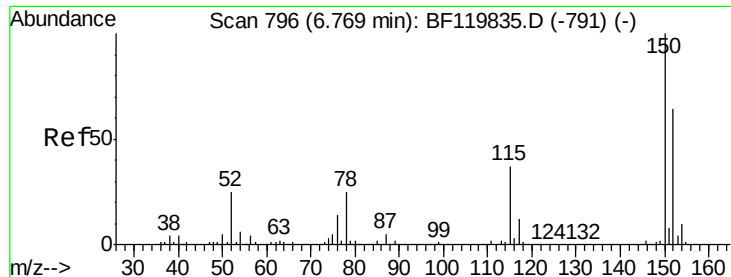
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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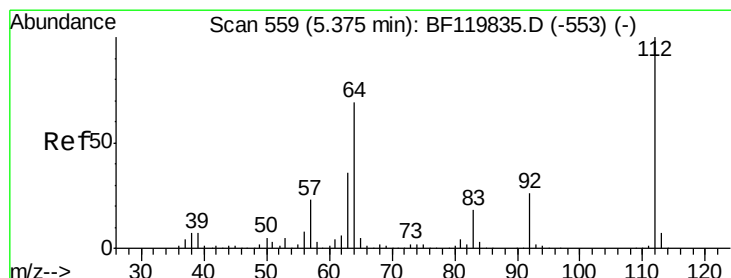
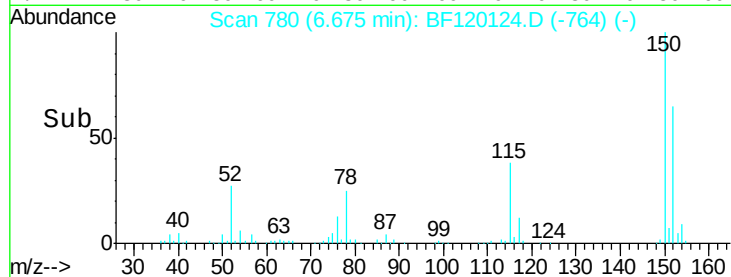
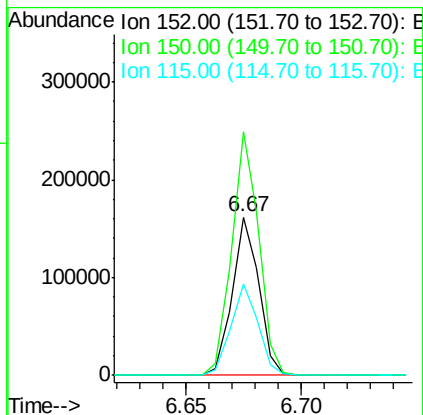
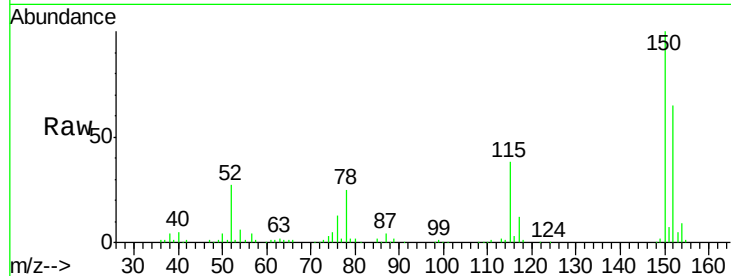


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF120124.D
Acq: 22 Apr 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB128358BL

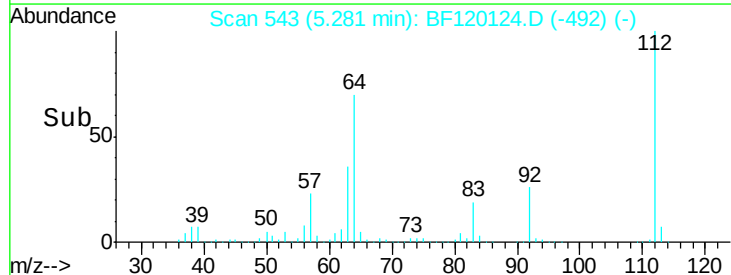
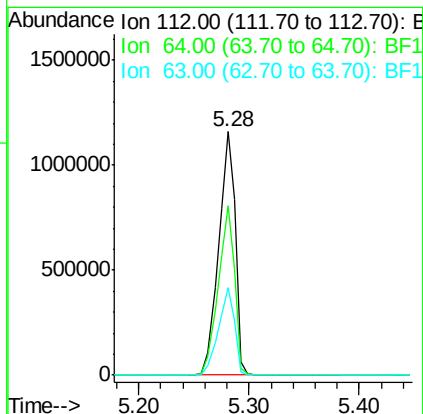
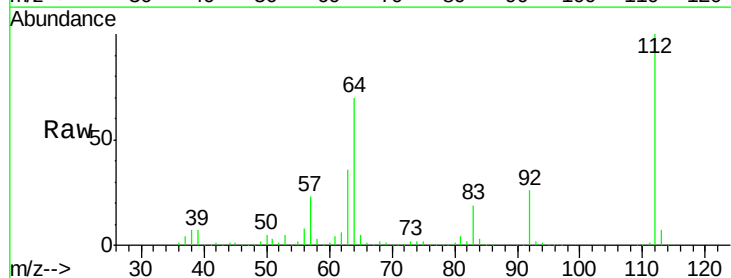
Tgt Ion:152 Resp: 129678
Ion Ratio Lower Upper
152 100
150 153.8 124.5 186.7
115 57.8 49.6 74.4

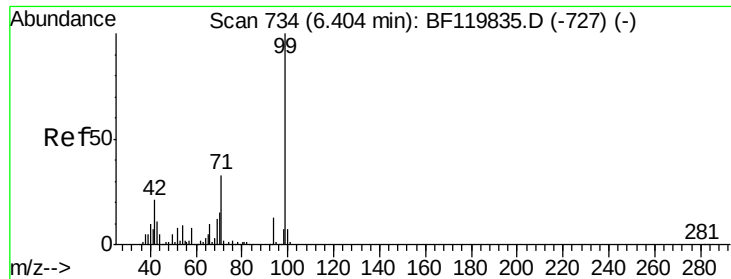


#5

2-Fluorophenol
Concen: 160.64 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF120124.D
Acq: 22 Apr 2020 12:06

Tgt Ion:112 Resp: 1205383
Ion Ratio Lower Upper
112 100
64 69.7 56.7 85.1
63 36.1 29.5 44.3





#7

Phenol-d6

Concen: 154.81 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120124.D

Acq: 22 Apr 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB128358BL

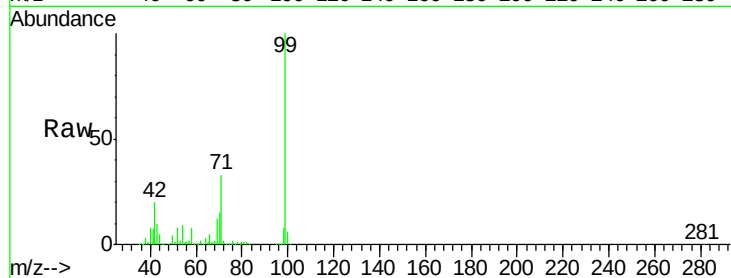
Tgt Ion: 99 Resp: 1496826

Ion Ratio Lower Upper

99 100

42 20.4 16.6 24.8

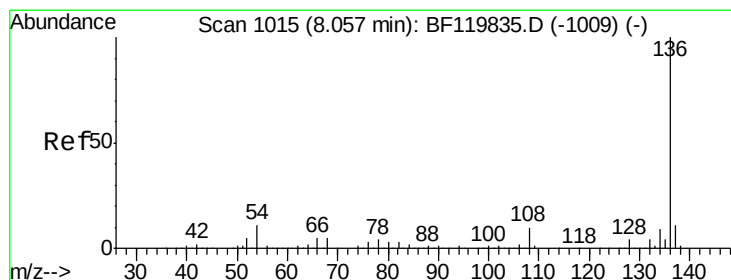
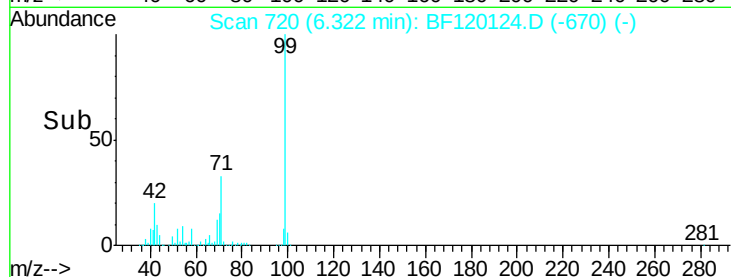
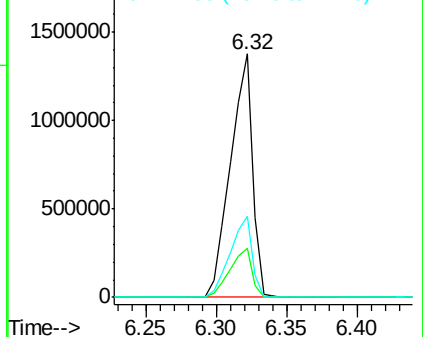
71 33.2 26.4 39.6



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: BF120124.D

Acq: 22 Apr 2020 12:06

Tgt Ion: 136 Resp: 505632

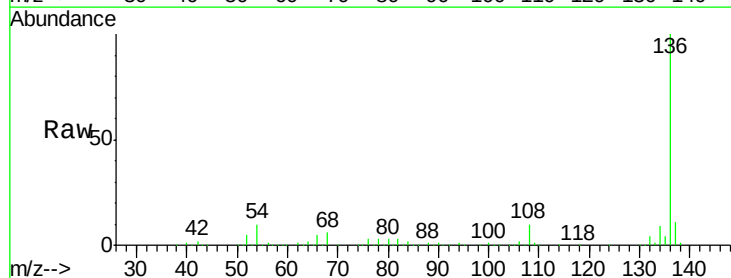
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.3 9.1 13.7

68 5.6 4.6 6.8

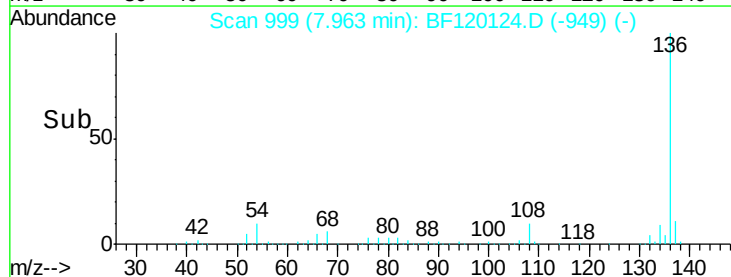
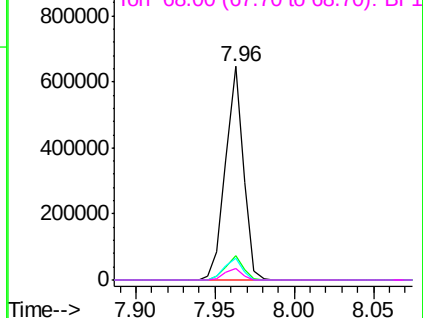


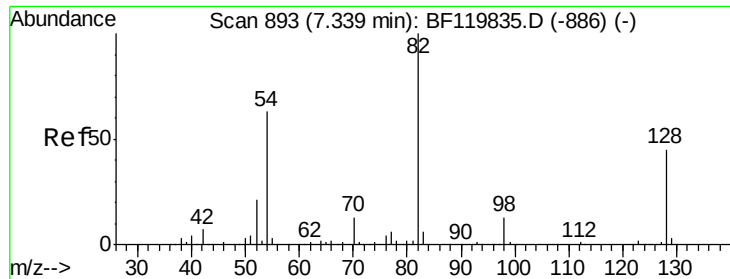
Abundance Ion 136.00 (135.70 to 136.70): E

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

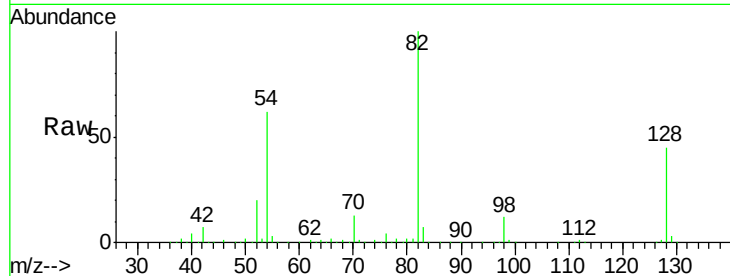




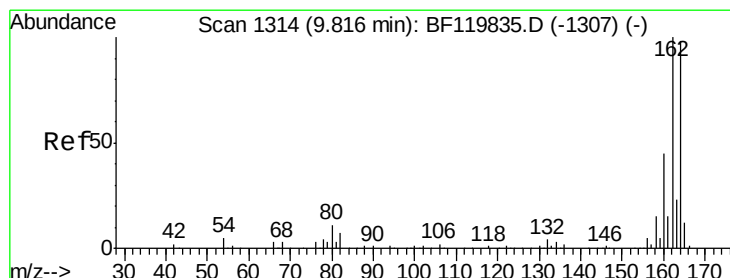
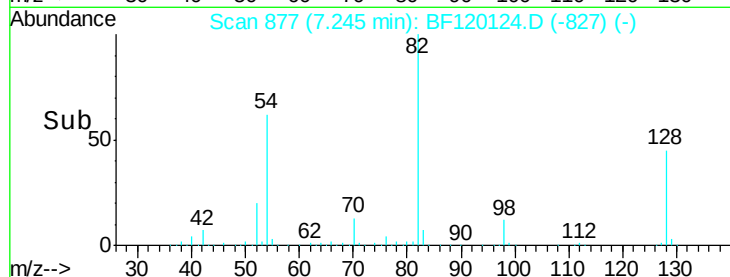
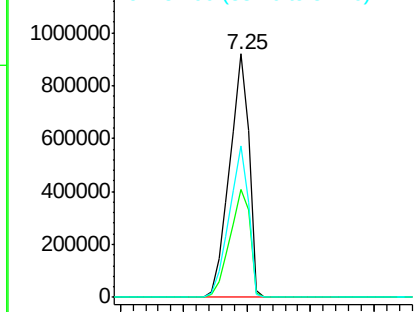
#23
 Nitrobenzene-d5
 Concen: 98.70 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF120124.D
 Acq: 22 Apr 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BL

Tgt Ion: 82 Resp: 964658
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.3 54.5
 54 62.4 50.6 75.8

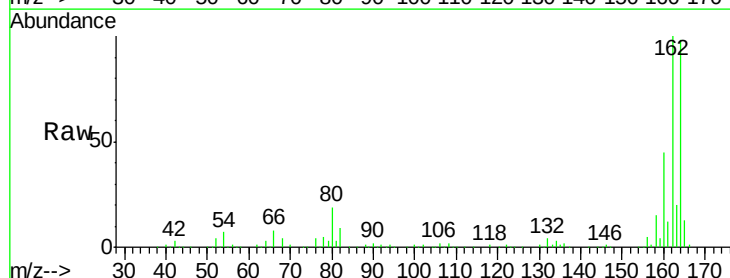


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

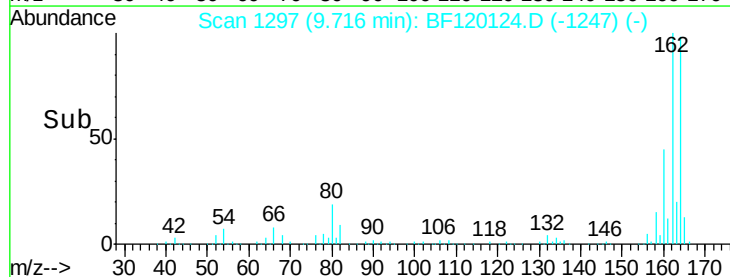
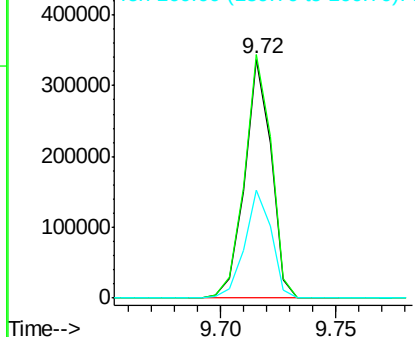


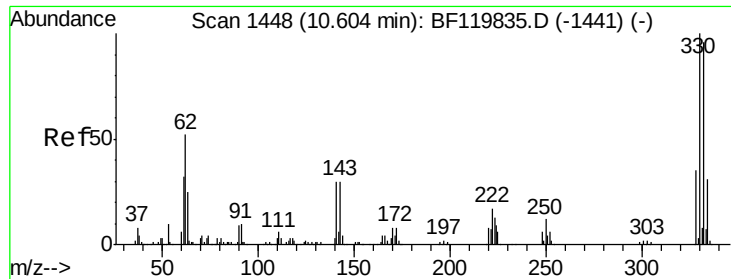
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF120124.D
 Acq: 22 Apr 2020 12:06

Tgt Ion: 164 Resp: 270168
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.6 121.0
 160 45.5 35.7 53.5



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

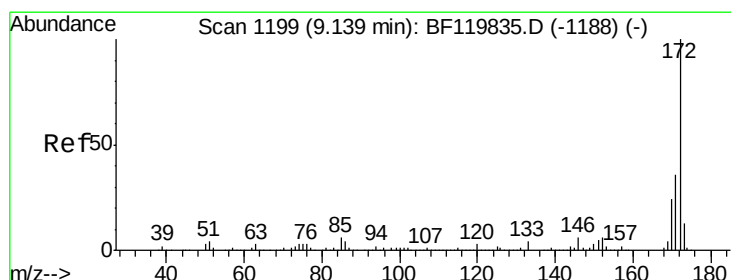
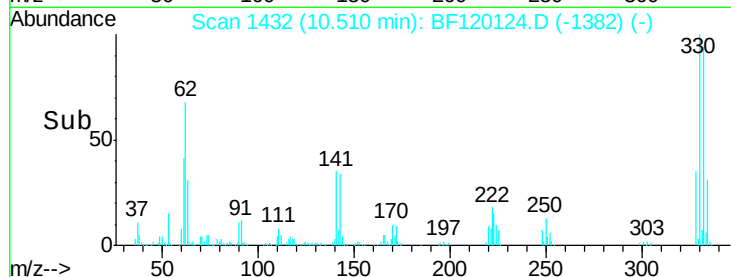
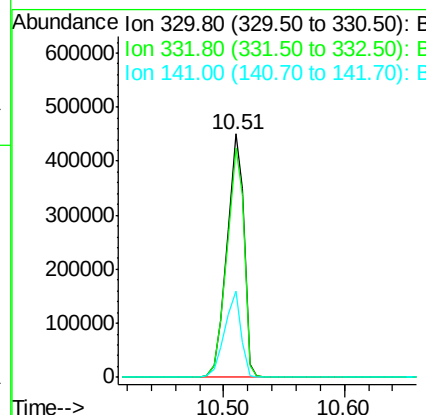
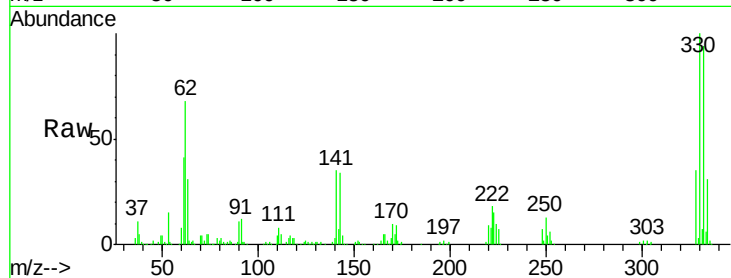




#42
 2,4,6-Tribromophenol
 Concen: 132.13 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120124.D
 Acq: 22 Apr 2020 12:06

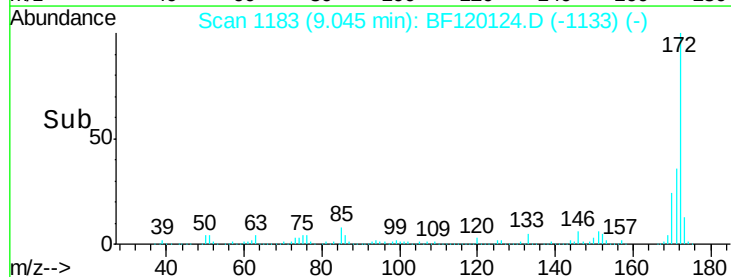
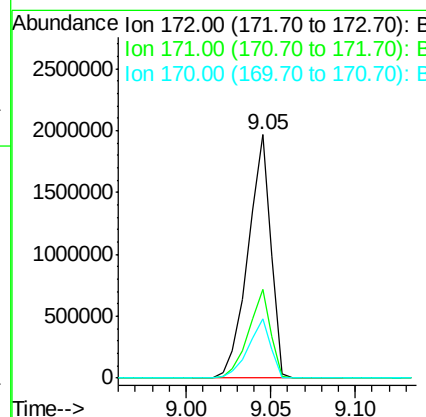
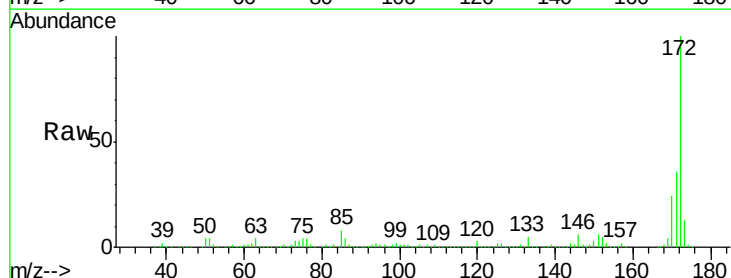
Instrument :
 BNA_F
 ClientSampleId :
 PB128358BL

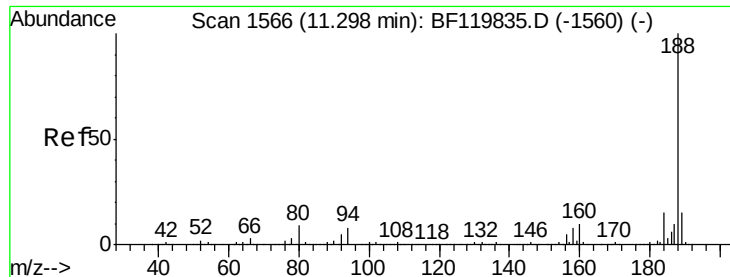
Tgt Ion:330 Resp: 437058
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.7 113.5
 141 33.8 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 97.36 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120124.D
 Acq: 22 Apr 2020 12:06

Tgt Ion:172 Resp: 1852611
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.4 20.2 30.2

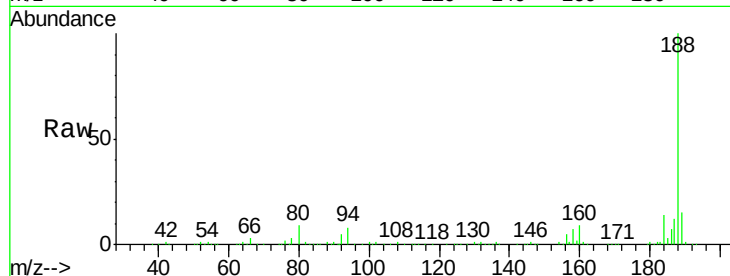




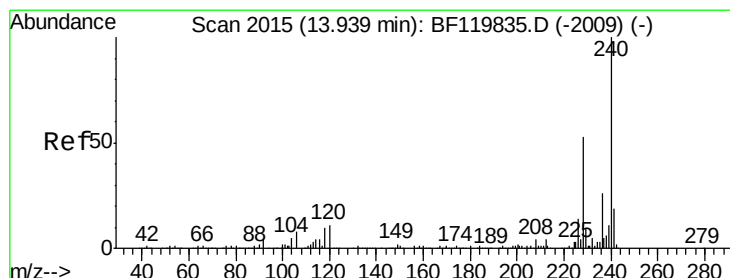
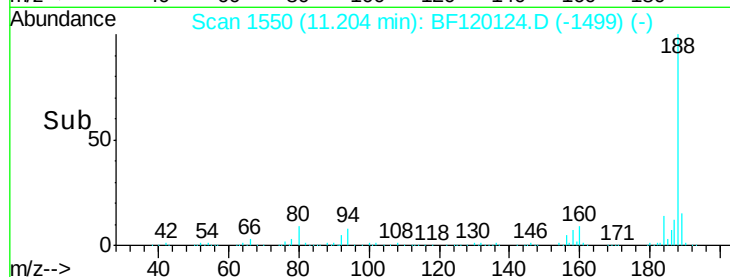
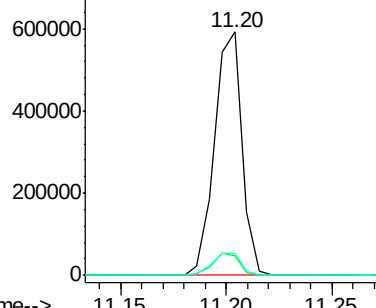
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF120124.D
Acq: 22 Apr 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB128358BL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.5	11.3
80	8.9	9.0	13.4#

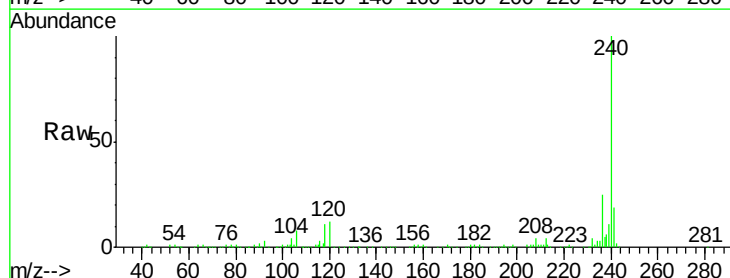


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

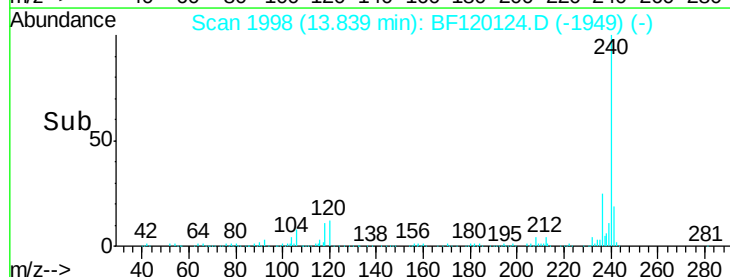
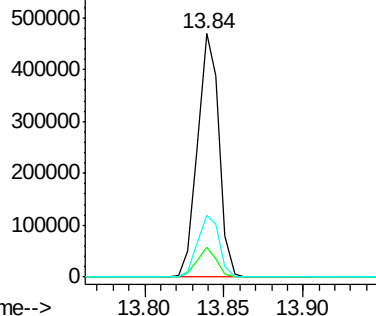


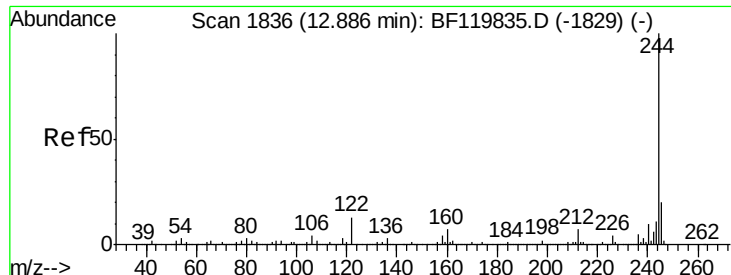
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF120124.D
Acq: 22 Apr 2020 12:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.6	15.8
236	25.5	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

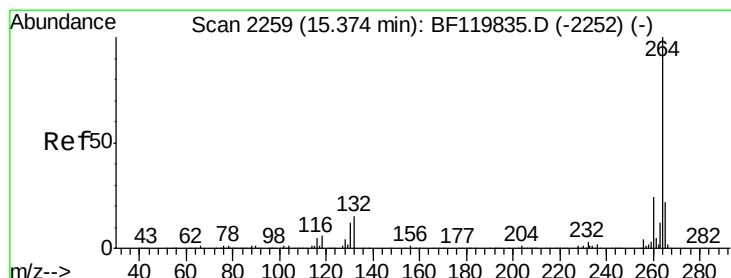
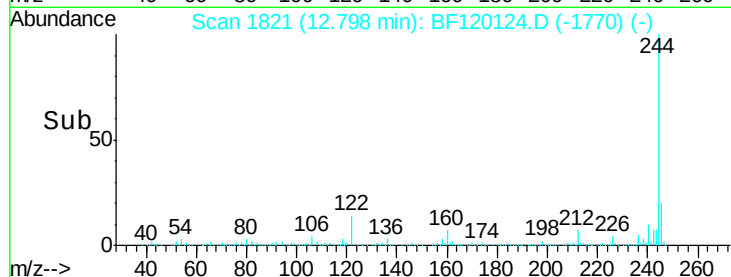
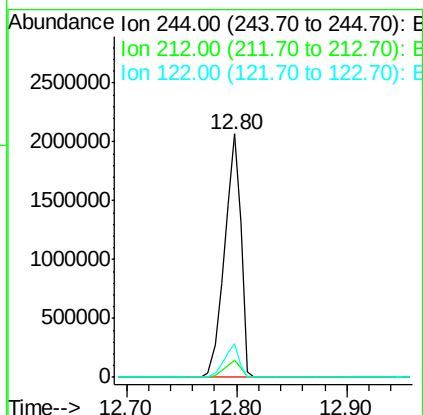
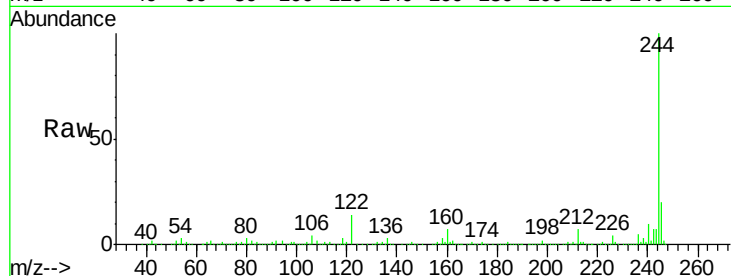




#79
 Terphenyl-d14
 Concen: 81.87 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF120124.D
 Acq: 22 Apr 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BL

Tgt Ion:244 Resp: 2129141
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 13.6 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: BF120124.D
 Acq: 22 Apr 2020 12:06

Tgt Ion:264 Resp: 399412
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.6 17.7 26.5

