

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120128.D
 Acq On : 22 Apr 2020 13:53
 Operator : MA/SJ
 Sample : L2327-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-D

Quant Time: Apr 22 14:52:27 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	139738	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	524771	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	273334	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	529776	20.00	ng	0.00
76) Chrysene-d12	13.84	240	427868	20.00	ng	-0.01
87) Perylene-d12	15.25	264	380223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1167856	144.43	ng	0.00
7) Phenol-d6	6.32	99	1322542	126.94	ng	0.00
23) Nitrobenzene-d5	7.25	82	1046593	103.18	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	451489	134.91	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1961885	101.91	ng	0.00
79) Terphenyl-d14	12.80	244	2229499	87.68	ng	0.00

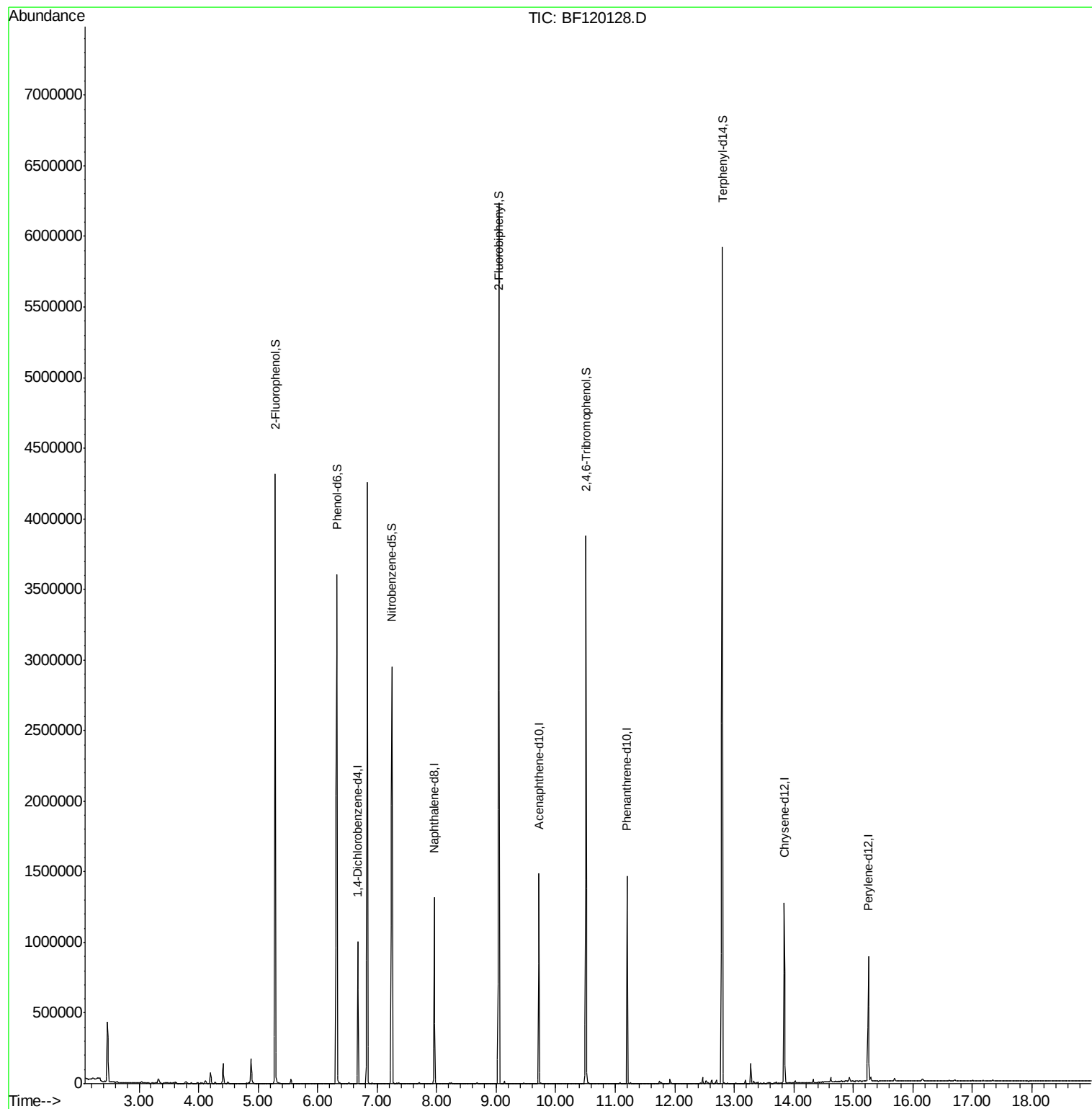
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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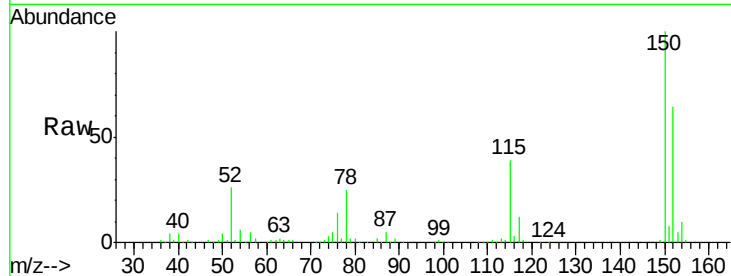




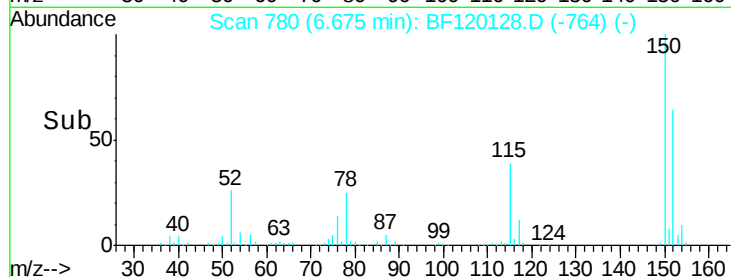
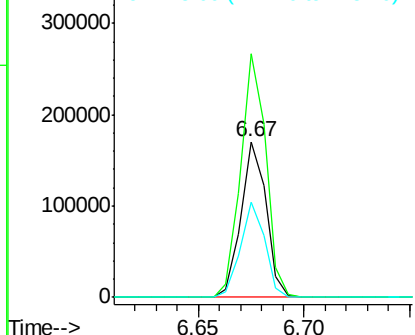
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF120128.D
 Acq: 22 Apr 2020 13:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-D

Tgt Ion:152 Resp: 139738
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.5 186.7
 115 61.6 49.6 74.4

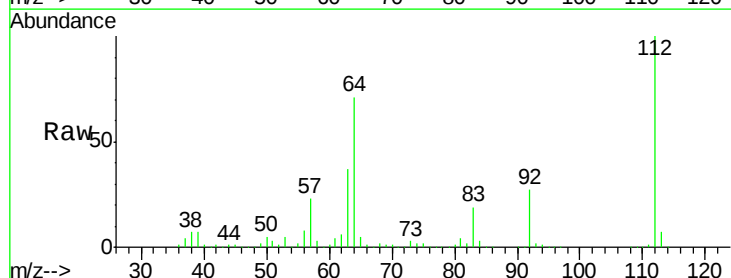


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

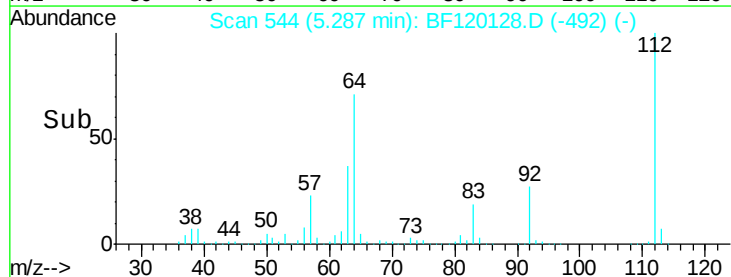
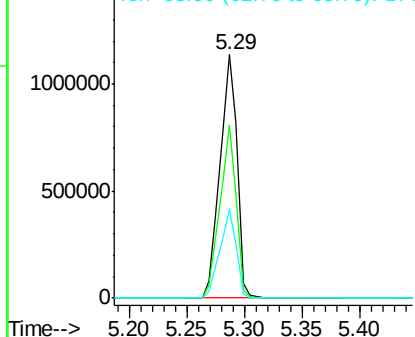


#5
 2-Fluorophenol
 Concen: 144.43 ng
 RT: 5.29 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: BF120128.D
 Acq: 22 Apr 2020 13:53

Tgt Ion:112 Resp: 1167856
 Ion Ratio Lower Upper
 112 100
 64 71.0 56.7 85.1
 63 36.7 29.5 44.3



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: 126.94 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120128.D

Acq: 22 Apr 2020 13:53

Instrument :

BNA_F

ClientSampleId :

TP-4-D

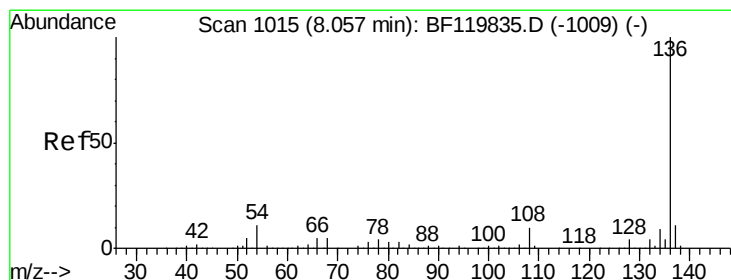
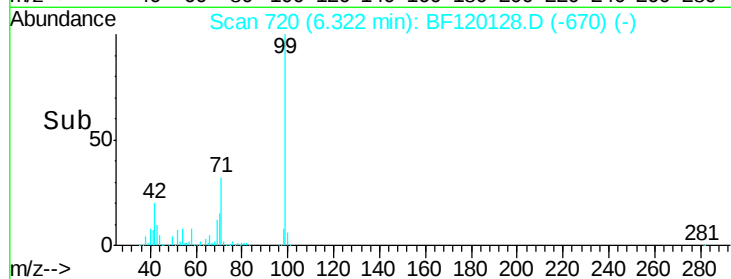
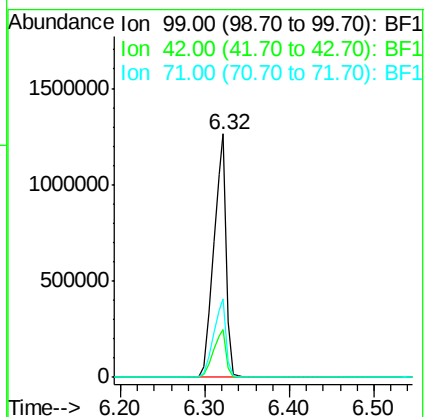
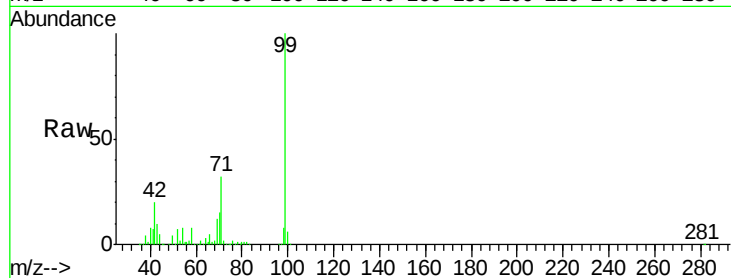
Tgt Ion: 99 Resp: 1322542

Ion Ratio Lower Upper

99 100

42 19.6 16.6 24.8

71 32.3 26.4 39.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF120128.D

Acq: 22 Apr 2020 13:53

Tgt Ion: 136 Resp: 524771

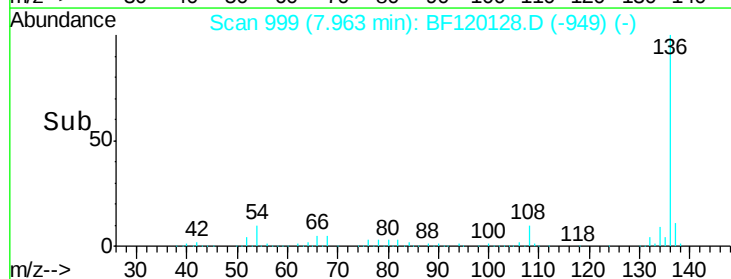
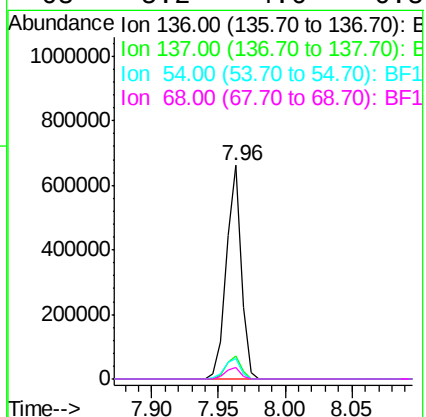
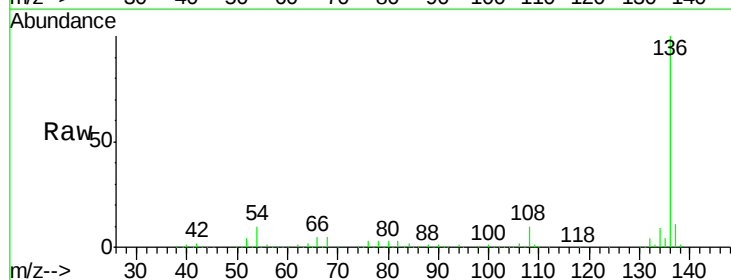
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.7 9.1 13.7

68 5.2 4.6 6.8

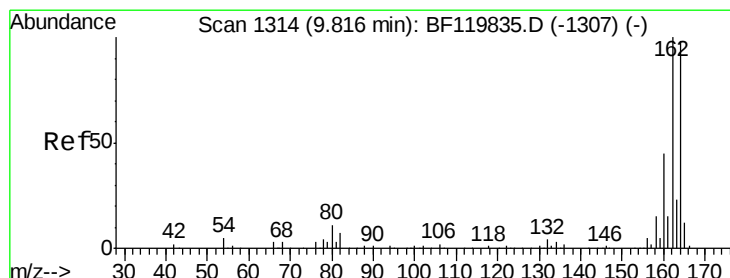
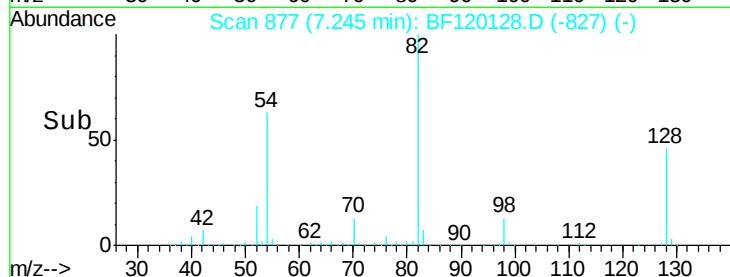
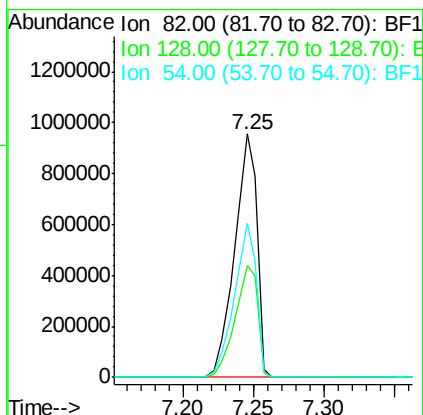
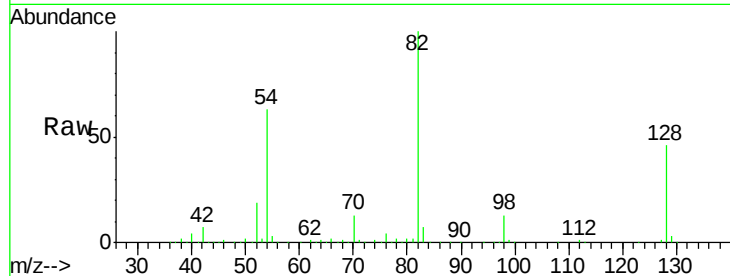




#23
 Nitrobenzene-d5
 Concen: 103.18 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF120128.D
 Acq: 22 Apr 2020 13:53

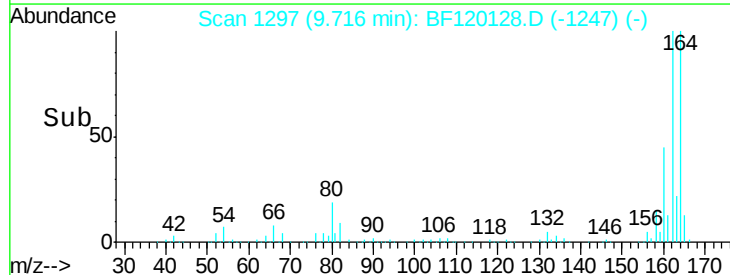
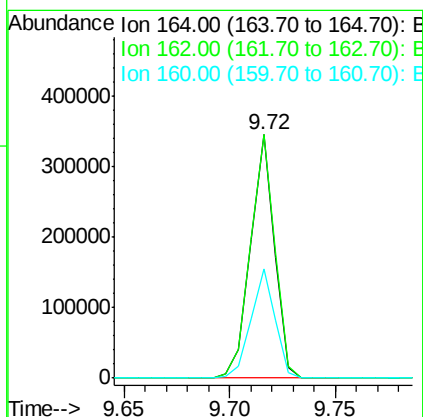
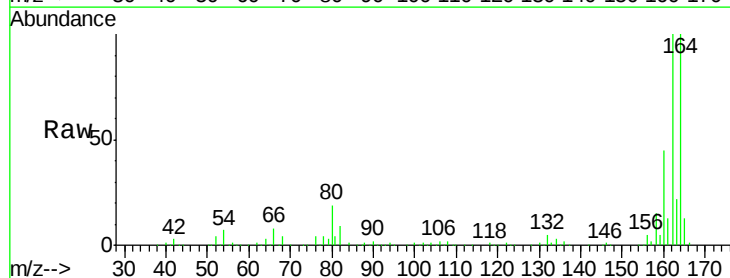
Instrument :
 BNA_F
 ClientSampleId :
 TP-4-D

Tgt Ion: 82 Resp: 1046593
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.3 54.5
 54 63.1 50.6 75.8



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF120128.D
 Acq: 22 Apr 2020 13:53

Tgt Ion: 164 Resp: 273334
 Ion Ratio Lower Upper
 164 100
 162 100.1 80.6 121.0
 160 45.0 35.7 53.5

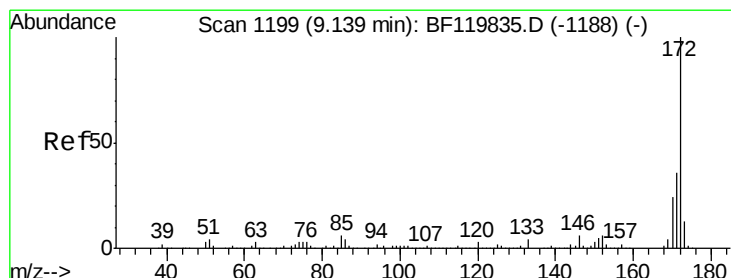
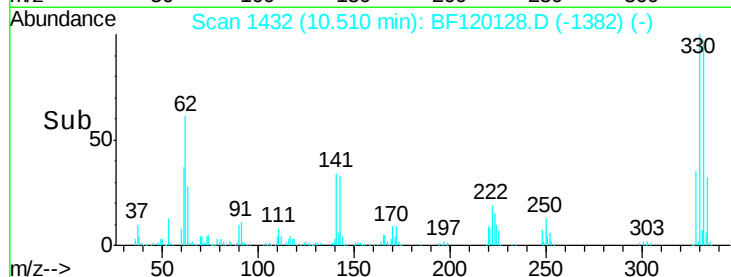
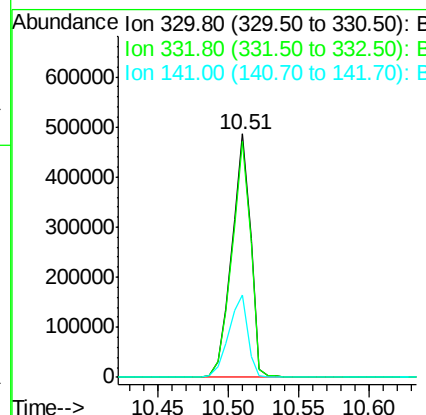
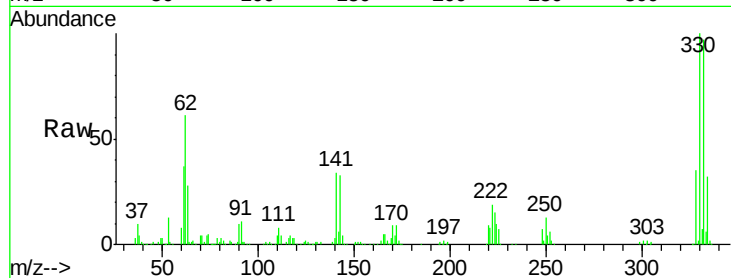




#42
 2,4,6-Tribromophenol
 Concen: 134.91 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120128.D
 Acq: 22 Apr 2020 13:53

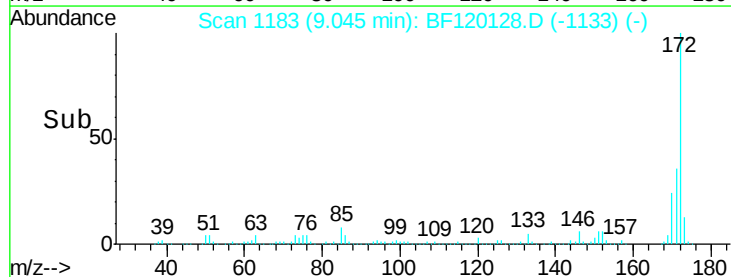
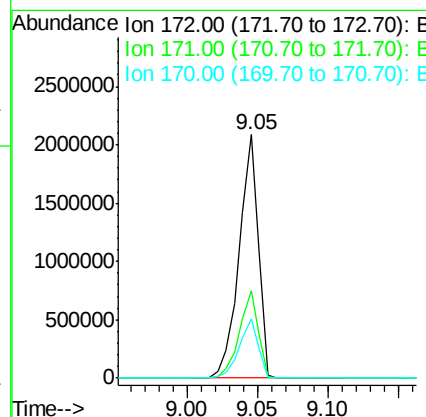
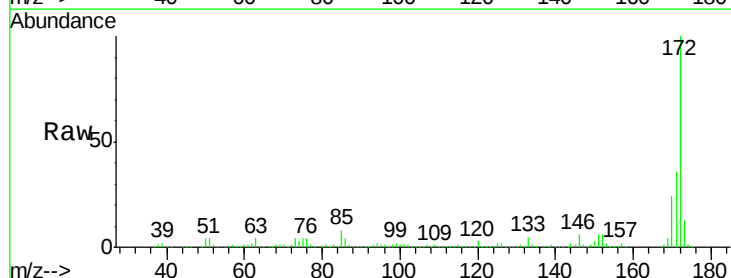
Instrument :
 BNA_F
 ClientSampleId :
 TP-4-D

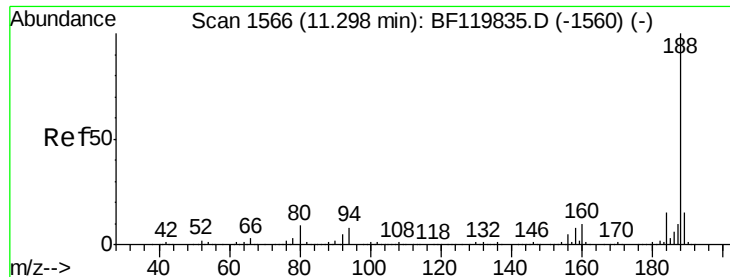
Tgt Ion:330 Resp: 451489
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.7 113.5
 141 34.1 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 101.91 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120128.D
 Acq: 22 Apr 2020 13:53

Tgt Ion:172 Resp: 1961885
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.2 20.2 30.2

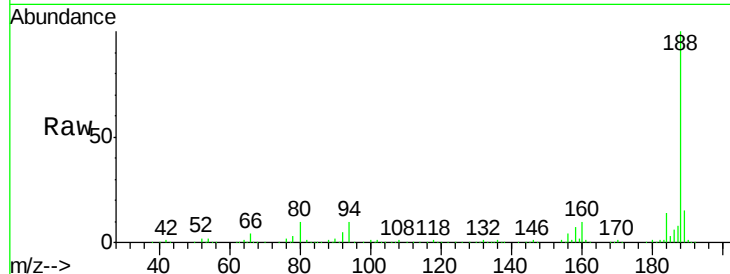




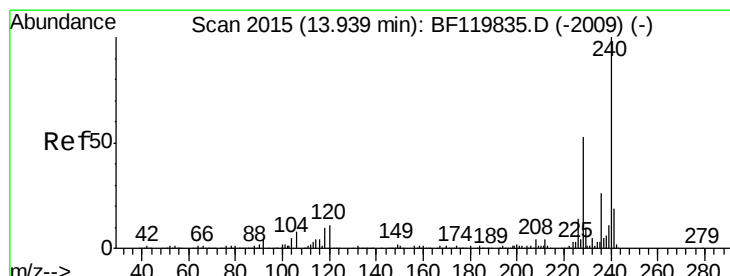
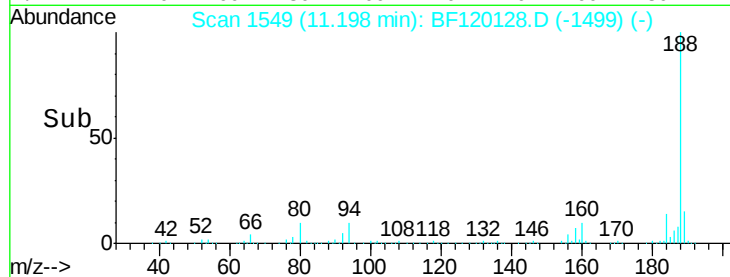
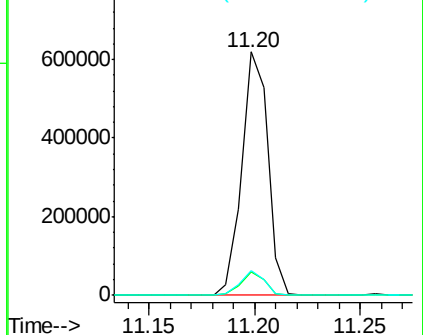
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120128.D
Acq: 22 Apr 2020 13:53

Instrument :
BNA_F
ClientSampleId :
TP-4-D

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	10.4	9.0	13.4

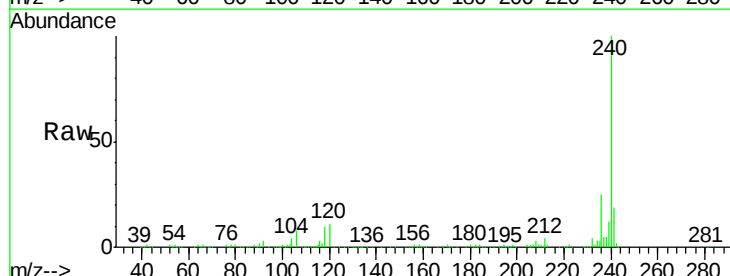


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

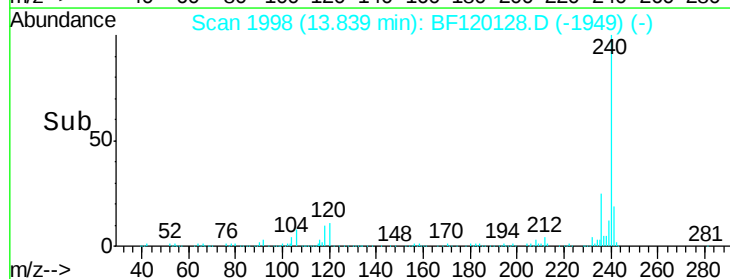
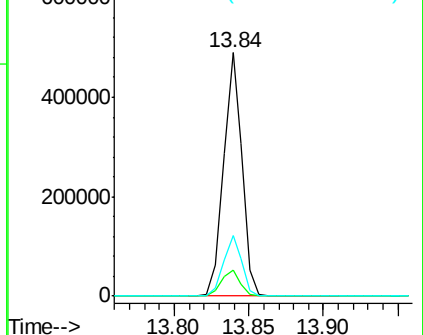


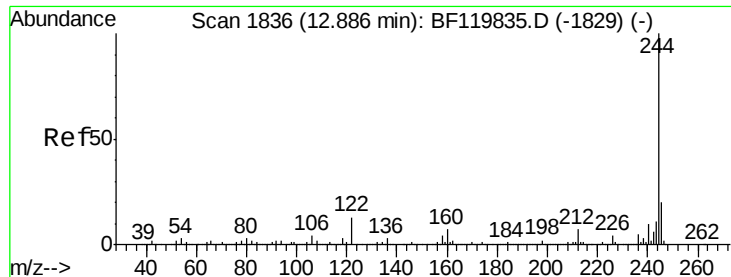
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF120128.D
Acq: 22 Apr 2020 13:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.6	15.8
236	25.1	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

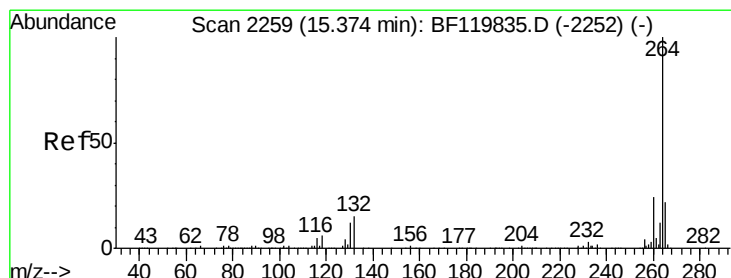
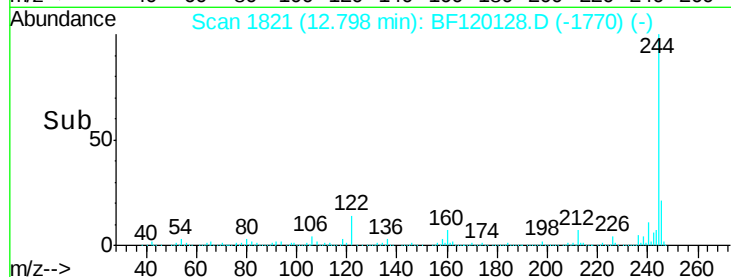
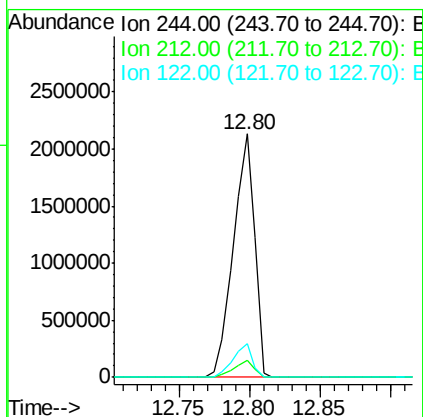
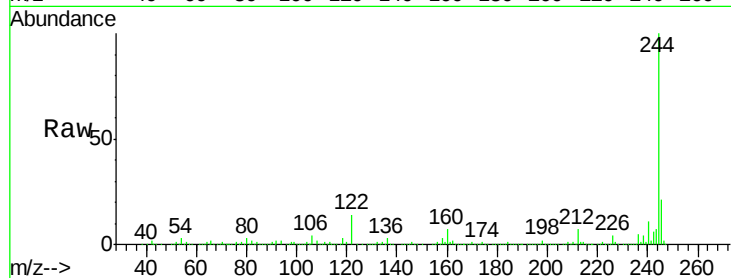




#79
 Terphenyl-d14
 Concen: 87.68 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF120128.D
 Acq: 22 Apr 2020 13:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-D

Tgt Ion:244 Resp: 2229499
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 13.9 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: BF120128.D
 Acq: 22 Apr 2020 13:53

Tgt Ion:264 Resp: 380223
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.9 17.7 26.5

