

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120149.D
 Acq On : 23 Apr 2020 3:24
 Operator : MA/SJ
 Sample : L2327-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S

Quant Time: Apr 23 04:47:16 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

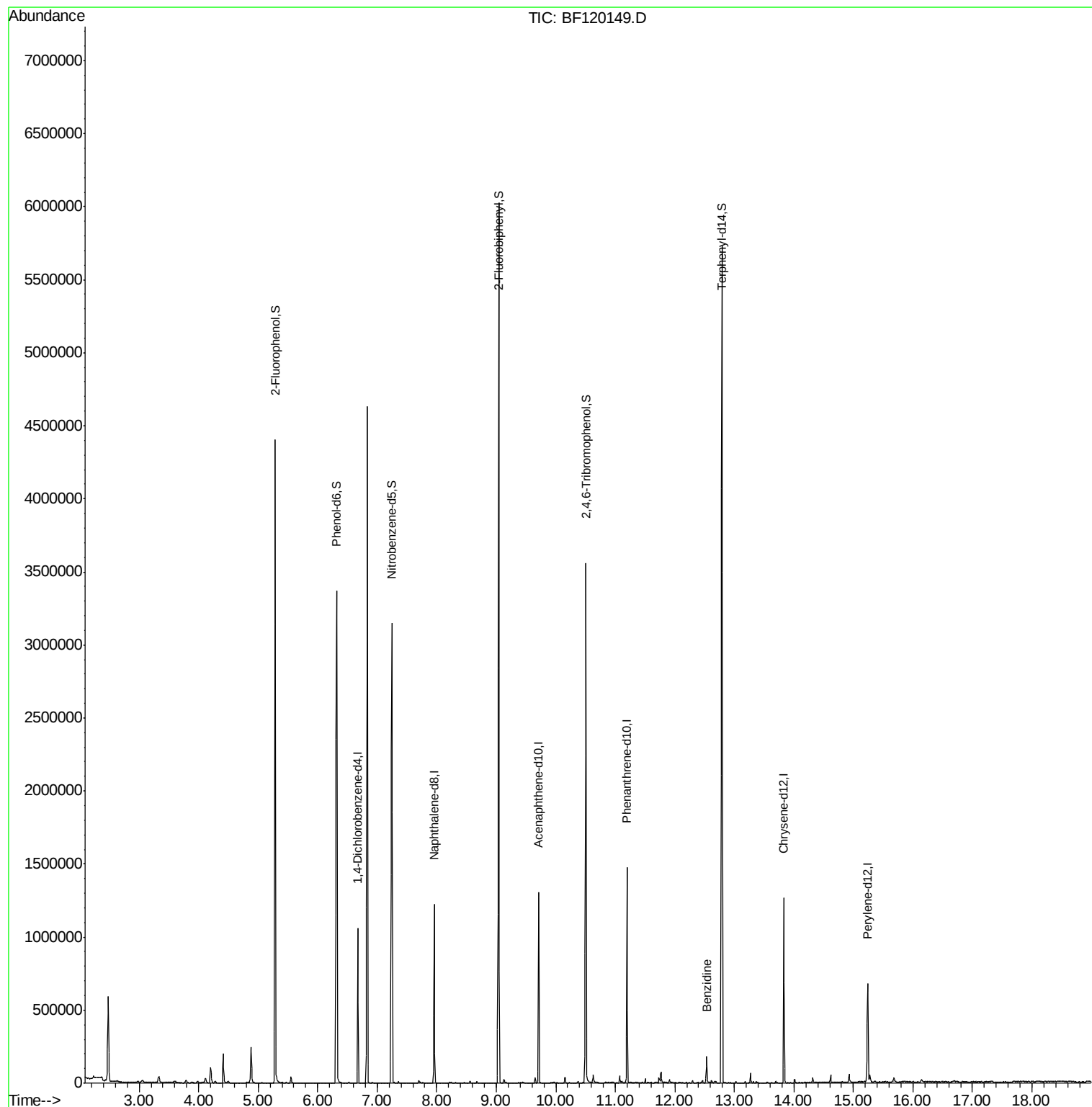
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	144976	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	534659	20.00	ng	-0.01
39) Acenaphthene-d10	9.71	164	271530	20.00	ng	-0.01
64) Phenanthrene-d10	11.20	188	521936	20.00	ng	0.00
76) Chrysene-d12	13.83	240	386349	20.00	ng	-0.02
87) Perylene-d12	15.24	264	295051	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1209323	144.16	ng	0.00
7) Phenol-d6	6.32	99	1351733	125.05	ng	0.00
23) Nitrobenzene-d5	7.25	82	1103702	106.79	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	446392	134.28	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2012411	105.23	ng	0.00
79) Terphenyl-d14	12.79	244	2154008	93.81	ng	0.00
Target Compounds						
77) Benzidine	12.53	184	60040	4.60	ng	Qvalue 99

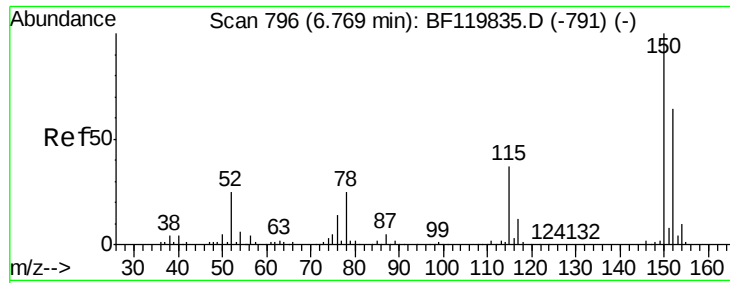
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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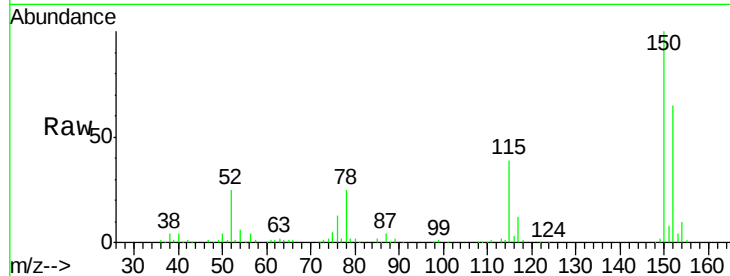




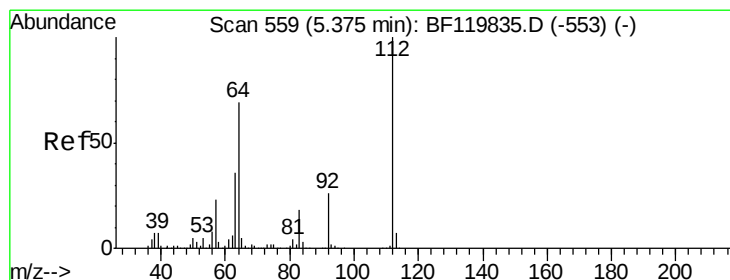
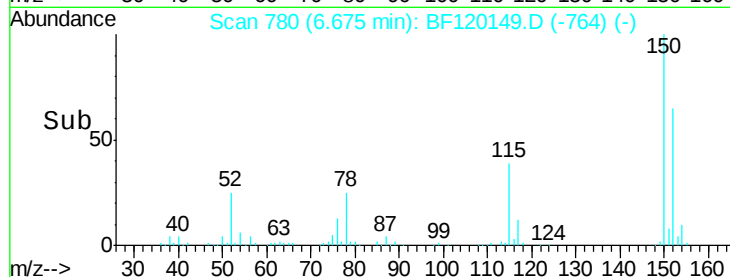
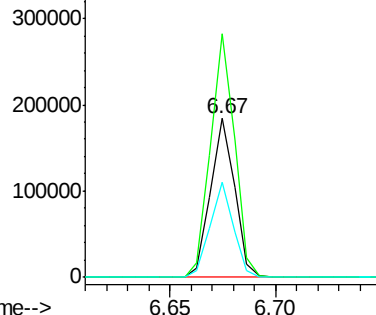
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF120149.D
 Acq: 23 Apr 2020 3:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S

Tgt Ion:152 Resp: 144976
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.5 186.7
 115 59.7 49.6 74.4

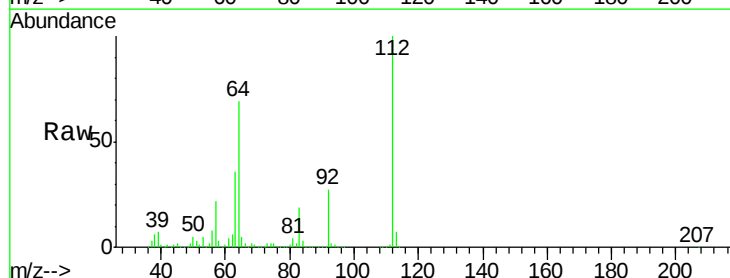


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

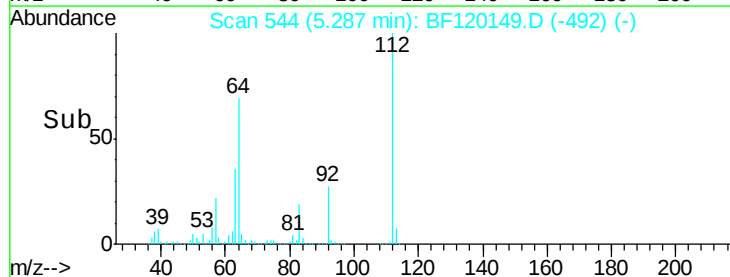
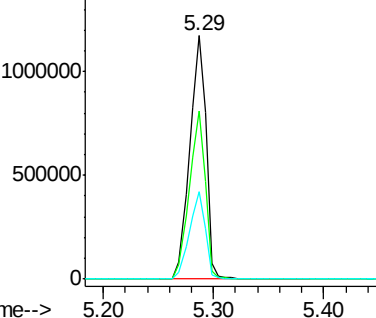


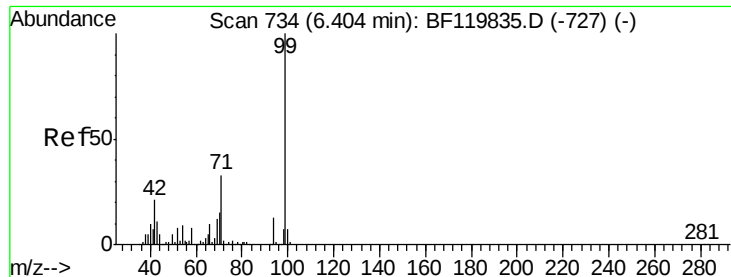
#5
 2-Fluorophenol
 Concen: 144.16 ng
 RT: 5.29 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: BF120149.D
 Acq: 23 Apr 2020 3:24

Tgt Ion:112 Resp: 1209323
 Ion Ratio Lower Upper
 112 100
 64 68.9 56.7 85.1
 63 35.8 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: 125.05 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120149.D

Acq: 23 Apr 2020 3:24

Instrument :

BNA_F

ClientSampleId :

TP-3-S

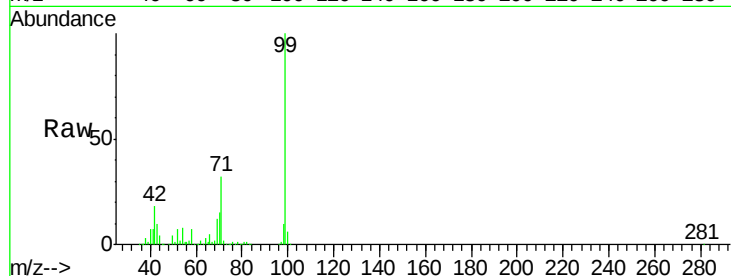
Tgt Ion: 99 Resp: 1351733

Ion Ratio Lower Upper

99 100

42 18.5 16.6 24.8

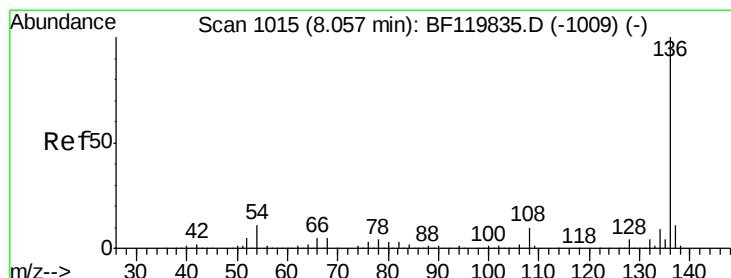
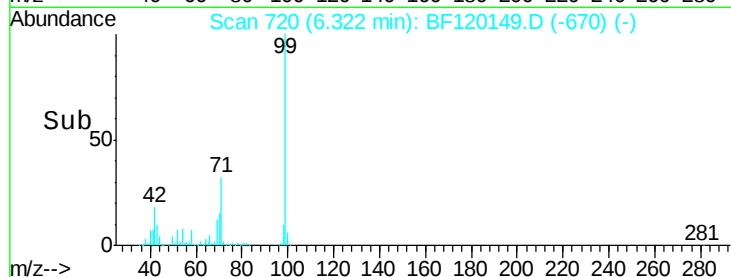
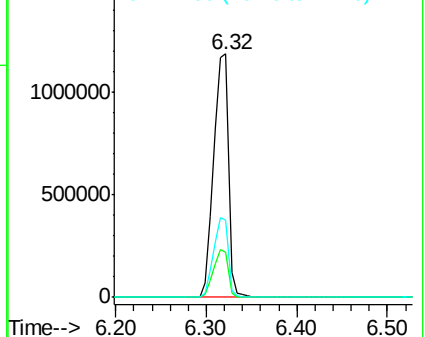
71 31.7 26.4 39.6



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# 998

Delta R.T. -0.01 min

Lab File: BF120149.D

Acq: 23 Apr 2020 3:24

Tgt Ion: 136 Resp: 534659

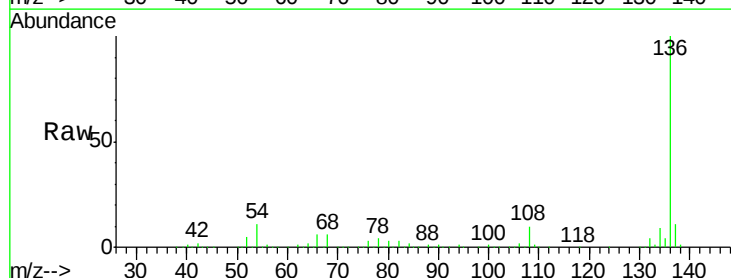
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 10.9 9.1 13.7

68 6.0 4.6 6.8

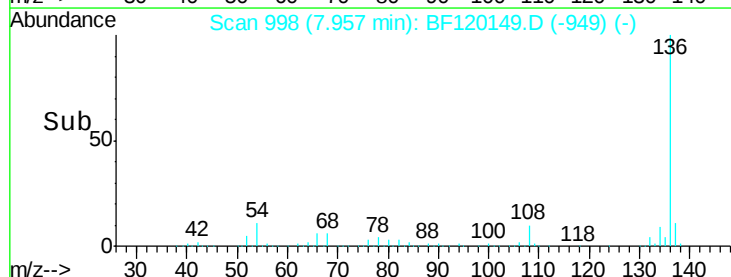
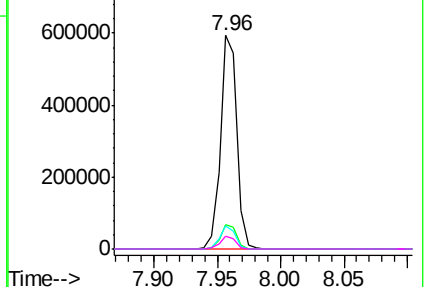


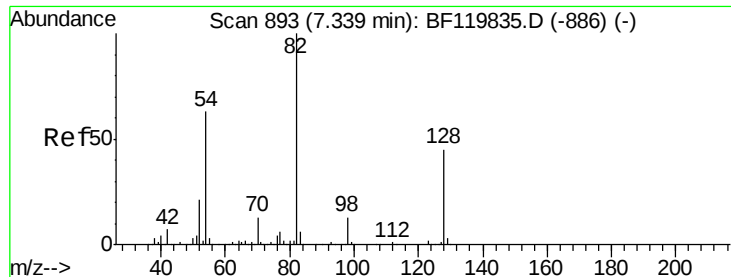
Abundance Ion 136.00 (135.70 to 136.70): E

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

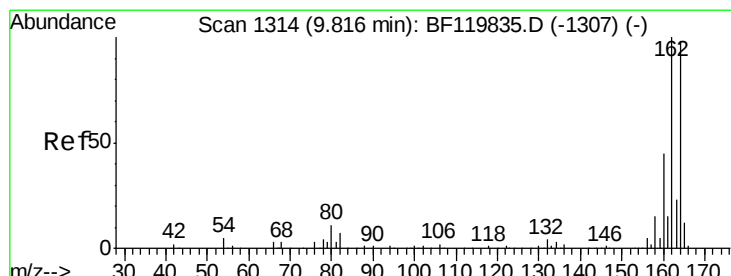
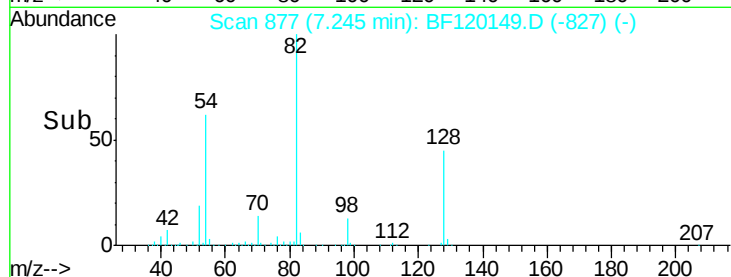
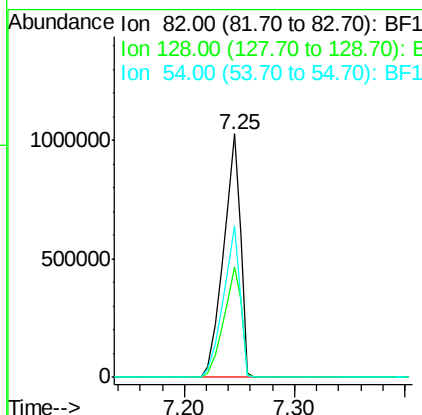
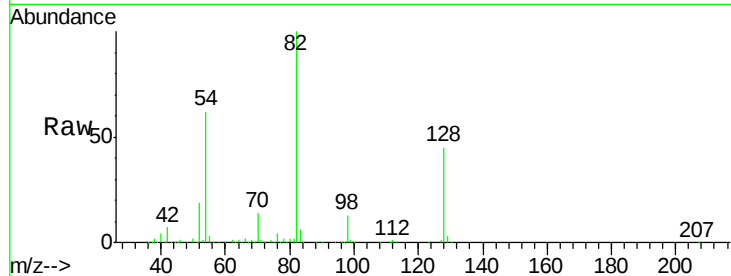




#23
 Nitrobenzene-d5
 Concen: 106.79 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF120149.D
 Acq: 23 Apr 2020 3:24

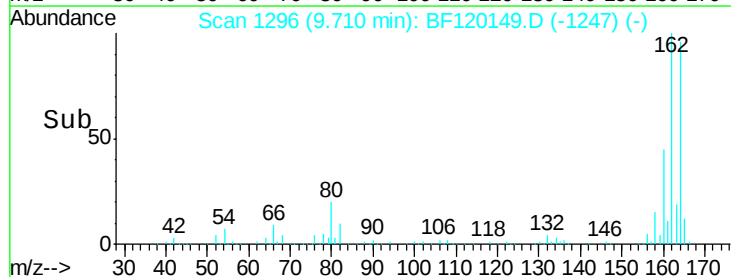
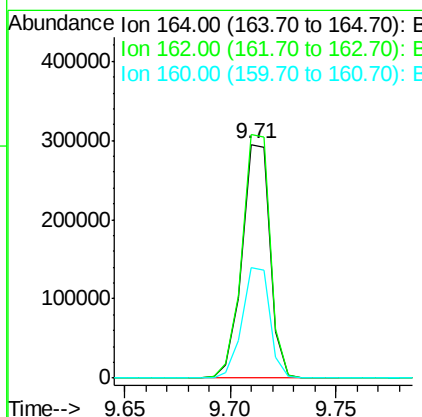
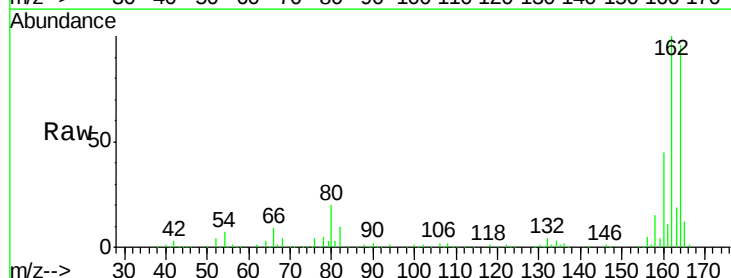
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S

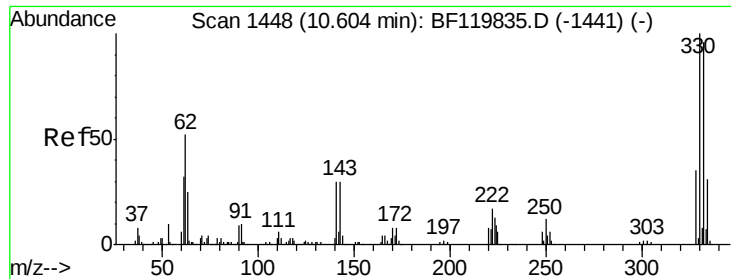
Tgt Ion: 82 Resp: 1103702
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.3 54.5
 54 62.0 50.6 75.8



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF120149.D
 Acq: 23 Apr 2020 3:24

Tgt Ion: 164 Resp: 271530
 Ion Ratio Lower Upper
 164 100
 162 104.3 80.6 121.0
 160 47.1 35.7 53.5

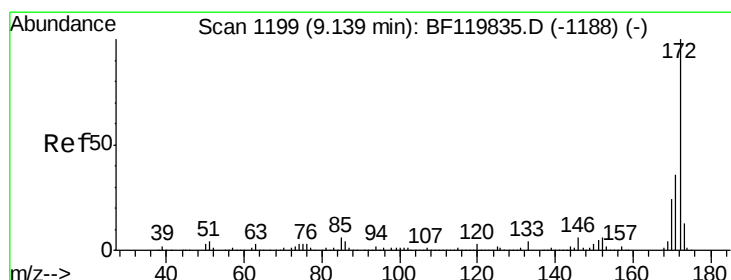
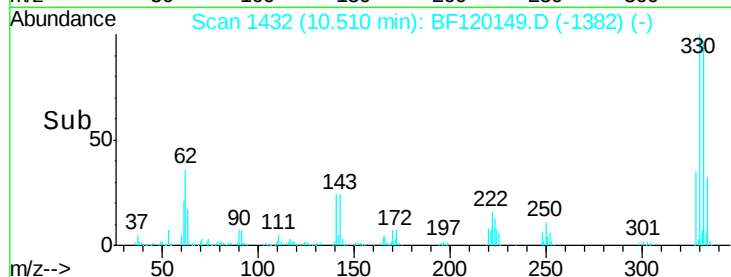
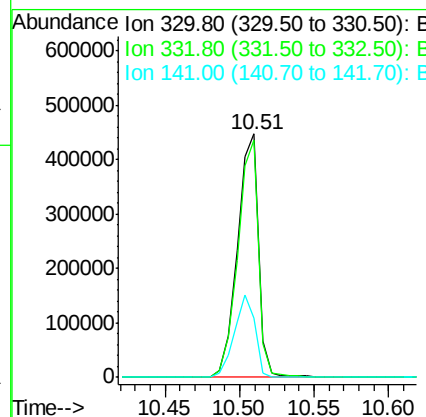
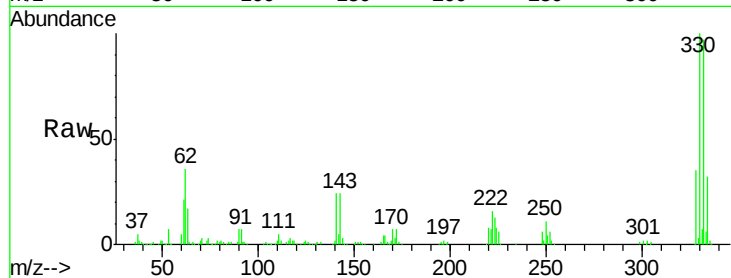




#42
 2,4,6-Tribromophenol
 Concen: 134.28 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120149.D
 Acq: 23 Apr 2020 3:24

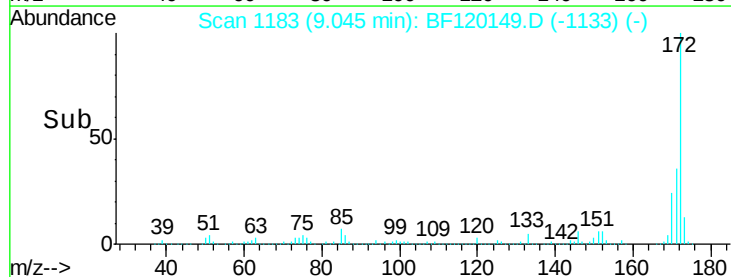
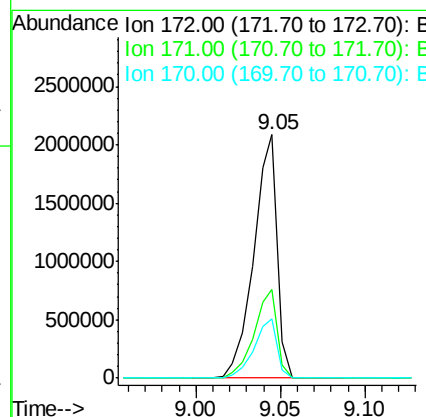
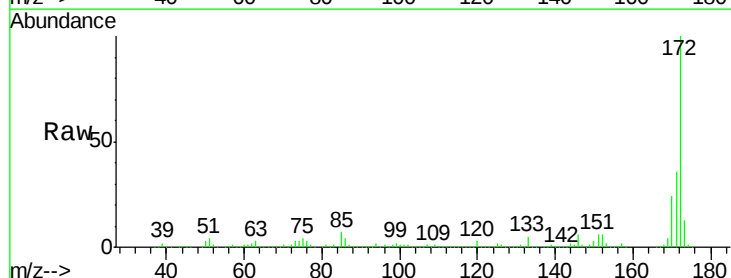
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S

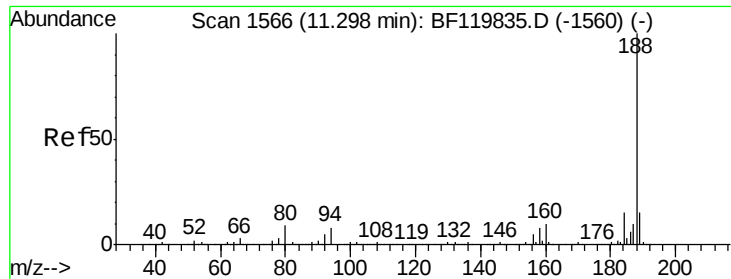
Tgt Ion:330 Resp: 446392
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.7 113.5
 141 33.8 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 105.23 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120149.D
 Acq: 23 Apr 2020 3:24

Tgt Ion:172 Resp: 2012411
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.5 20.2 30.2

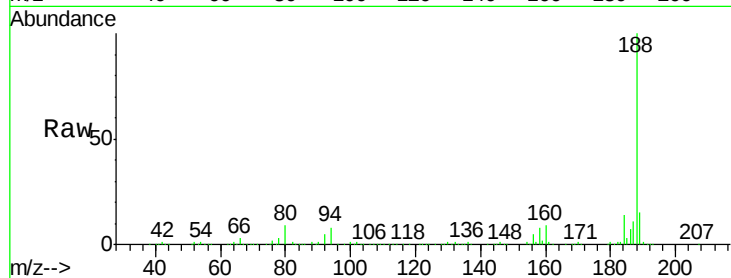




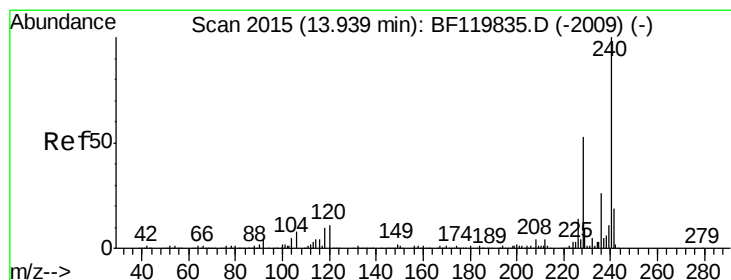
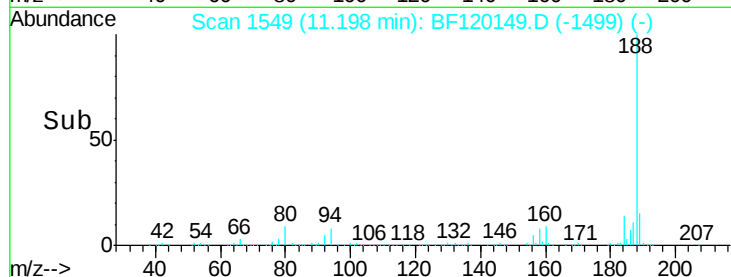
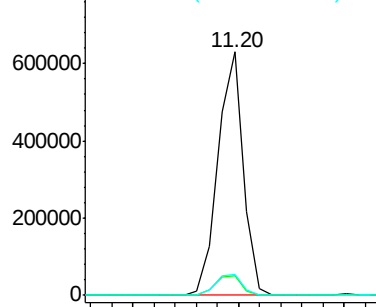
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:188 Resp: 521936
Ion Ratio Lower Upper
188 100
94 8.0 7.5 11.3
80 8.8 9.0 13.4#

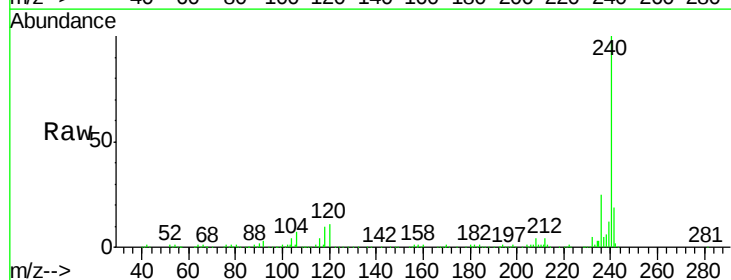


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

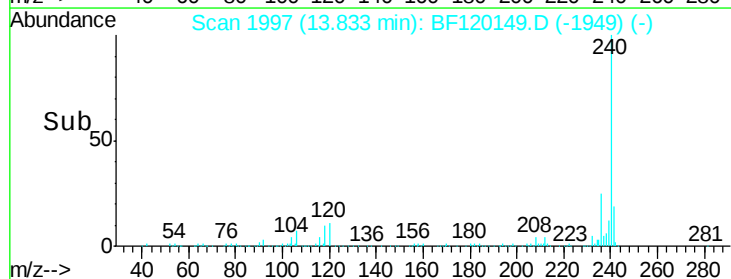
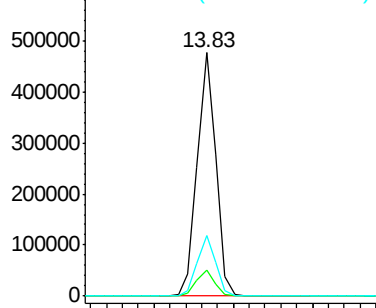


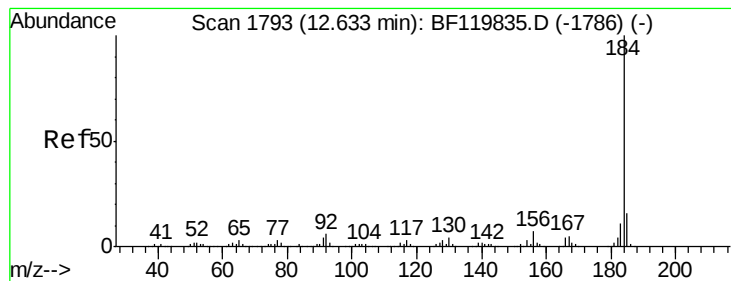
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Tgt Ion:240 Resp: 386349
Ion Ratio Lower Upper
240 100
120 10.9 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





#77

Benzidine

Concen: 4.60 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF120149.D

Acq: 23 Apr 2020 3:24

Instrument :

BNA_F

ClientSampleId :

TP-3-S

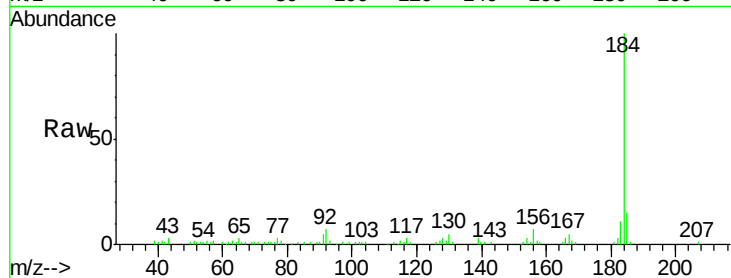
Tgt Ion:184 Resp: 60040

Ion Ratio Lower Upper

184 100

185 15.2 12.3 18.5

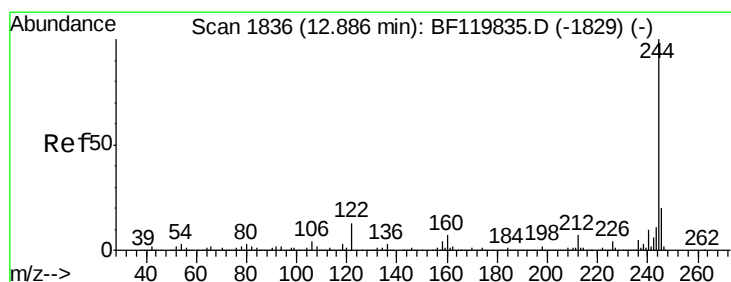
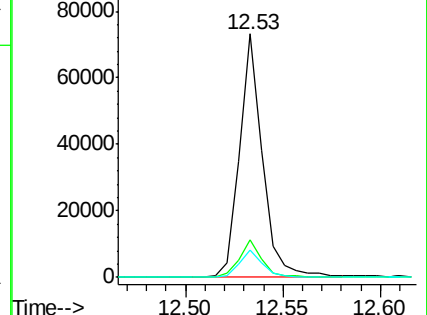
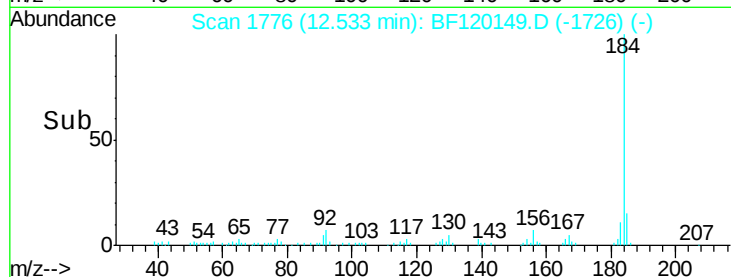
183 11.1 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 93.81 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF120149.D

Acq: 23 Apr 2020 3:24

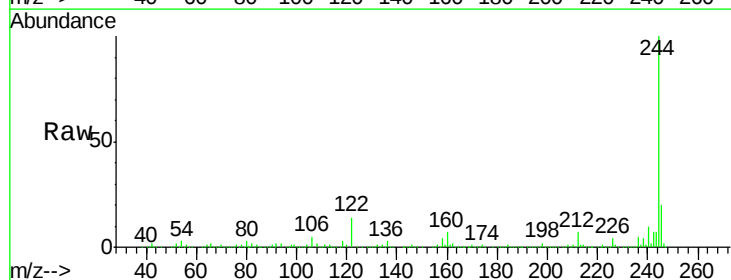
Tgt Ion:244 Resp: 2154008

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

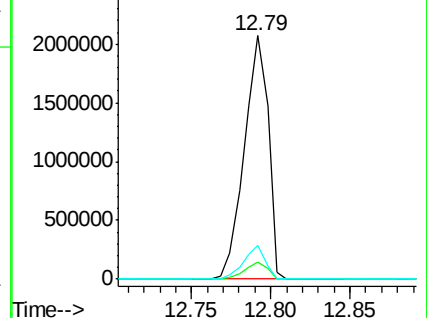
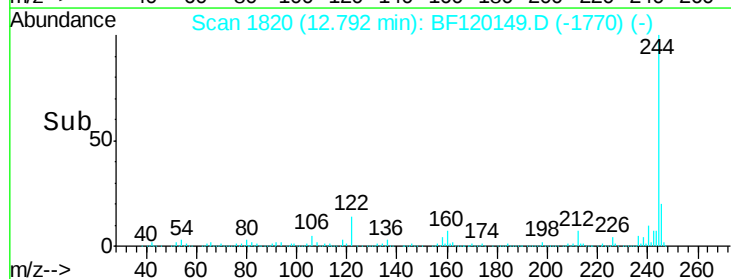
122 13.9 10.3 15.5

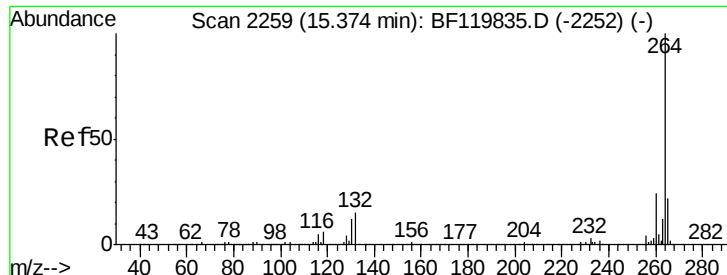


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

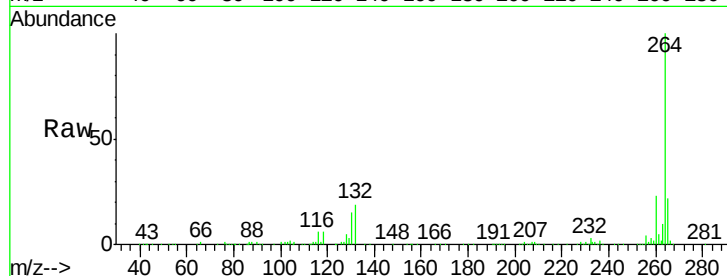




#87
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	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

