

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120151.D
 Acq On : 23 Apr 2020 4:18
 Operator : MA/SJ
 Sample : L2339-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BIN-4

Quant Time: Apr 23 05:21:17 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

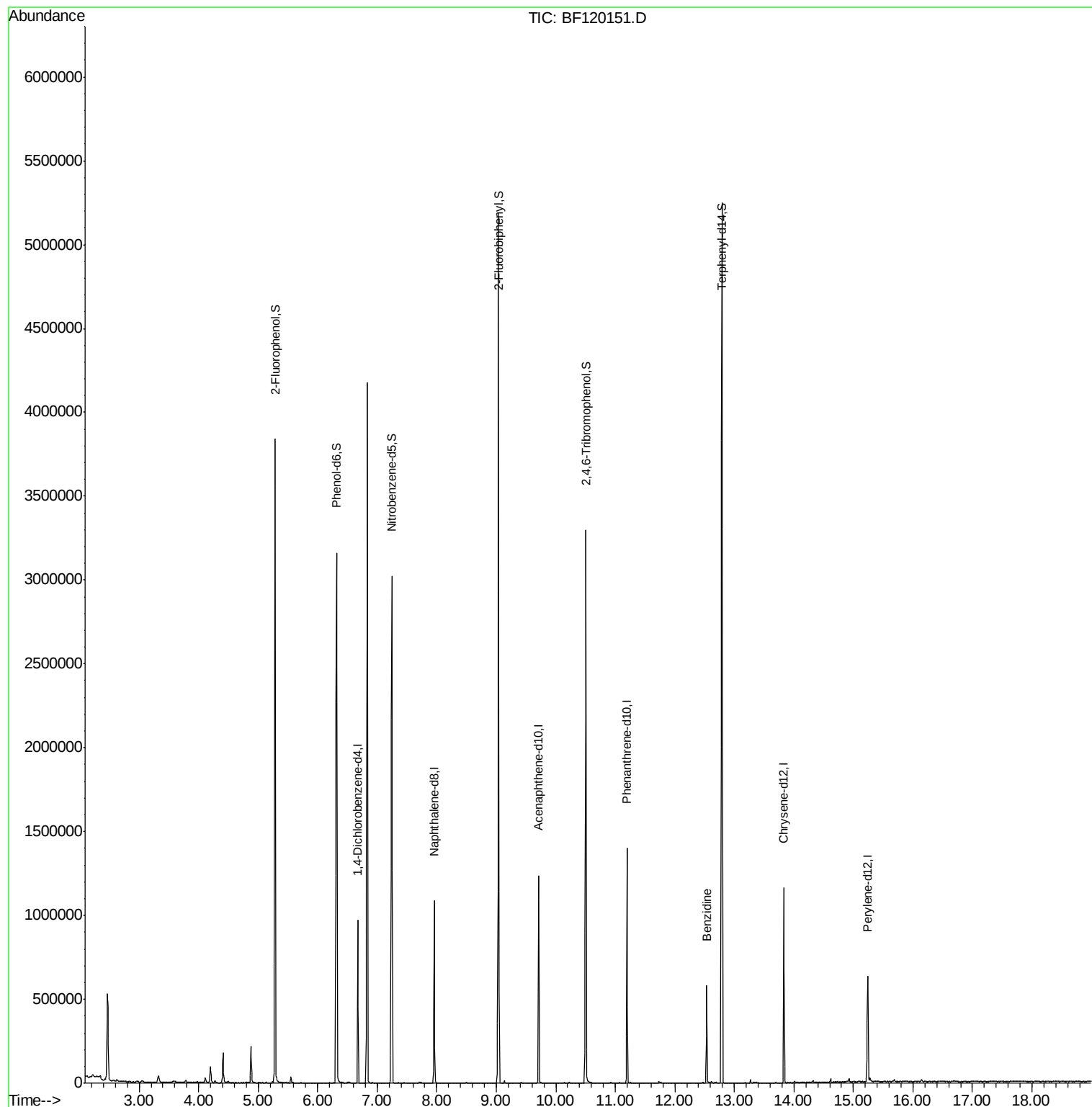
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	130161	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	495985	20.00	ng	-0.01
39) Acenaphthene-d10	9.71	164	252508	20.00	ng	-0.01
64) Phenanthrene-d10	11.20	188	479468	20.00	ng	0.00
76) Chrysene-d12	13.83	240	362762	20.00	ng	-0.02
87) Perylene-d12	15.24	264	281847	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1083424	143.85	ng	0.00
7) Phenol-d6	6.32	99	1203144	123.97	ng	-0.01
23) Nitrobenzene-d5	7.25	82	985612	102.80	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	392921	127.09	ng	-0.01
45) 2-Fluorobiphenyl	9.05	172	1850262	104.04	ng	0.00
79) Terphenyl-d14	12.79	244	2021093	93.75	ng	0.00
Target Compounds						
77) Benzidine	12.53	184	194930	15.90	ng	Qvalue 98

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

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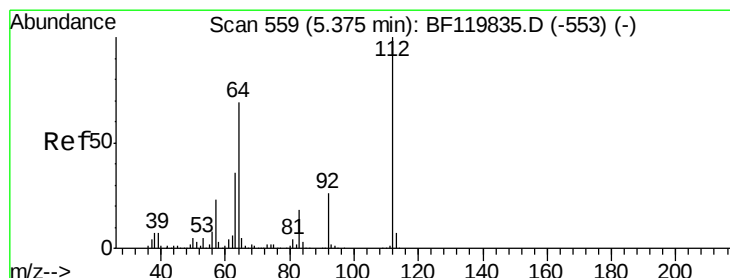
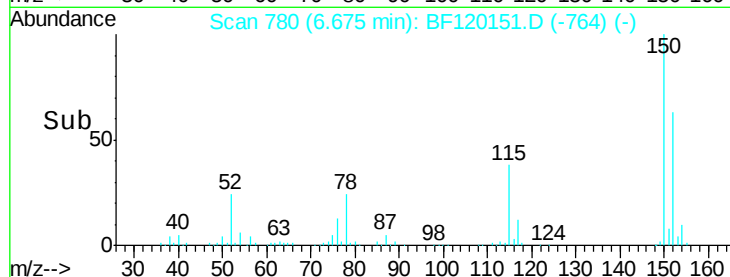
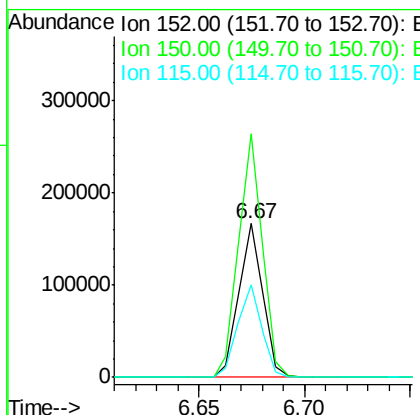
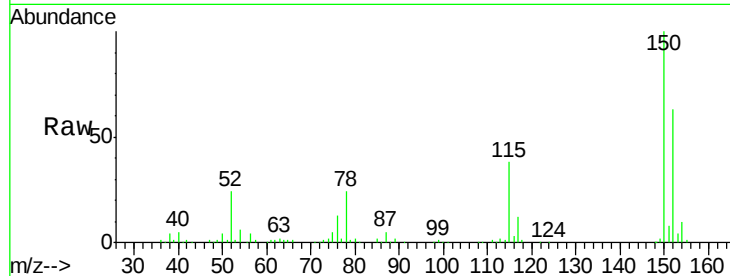




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF120151.D
 Acq: 23 Apr 2020 4:18

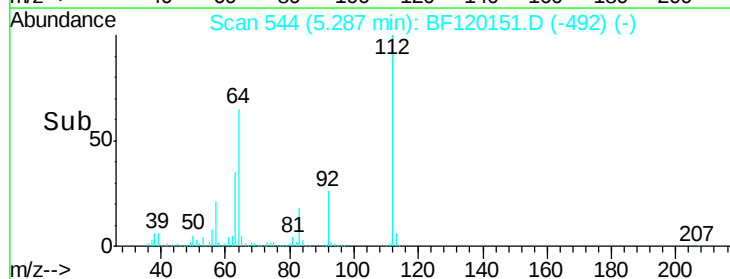
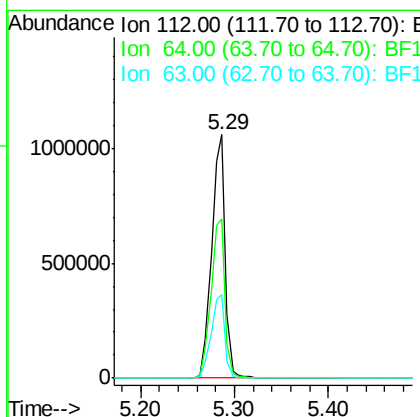
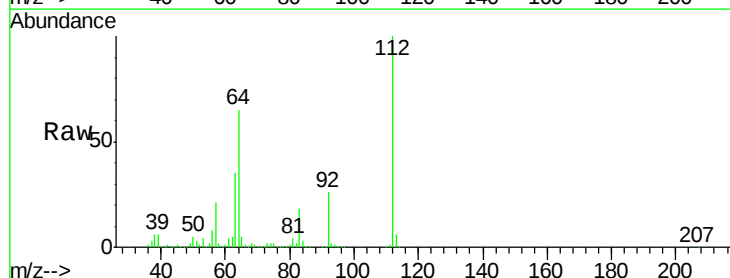
Instrument :
 BNA_F
 ClientSampleId :
 BIN-4

Tgt Ion:152 Resp: 130161
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.5 186.7
 115 59.9 49.6 74.4



#5
 2-Fluorophenol
 Concen: 143.85 ng
 RT: 5.29 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: BF120151.D
 Acq: 23 Apr 2020 4:18

Tgt Ion:112 Resp: 1083424
 Ion Ratio Lower Upper
 112 100
 64 65.3 56.7 85.1
 63 34.6 29.5 44.3





#7

Phenol-d6

Concen: 123.97 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120151.D

Acq: 23 Apr 2020 4:18

Instrument :

BNA_F

ClientSampled :

BIN-4

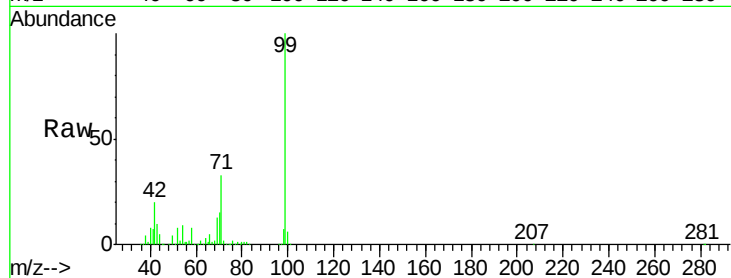
Tgt Ion: 99 Resp: 1203144

Ion Ratio Lower Upper

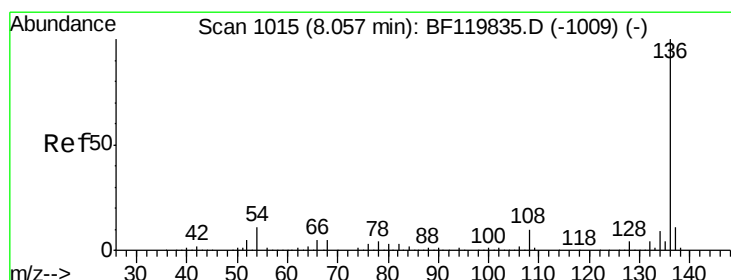
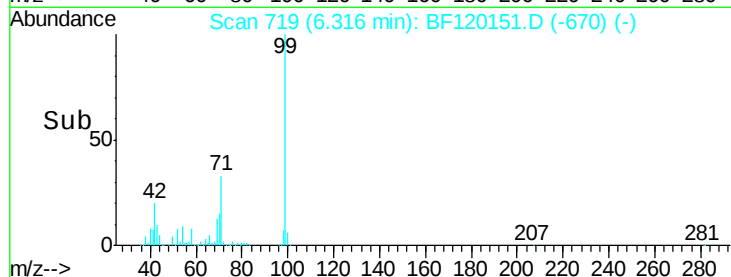
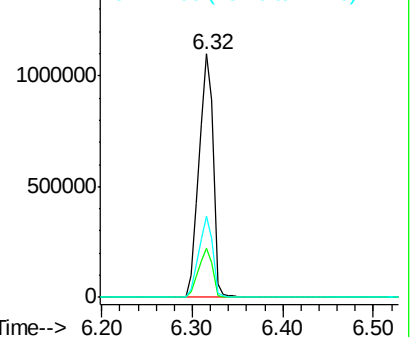
99 100

42 20.0 16.6 24.8

71 33.4 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
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: BF120151.D

Acq: 23 Apr 2020 4:18

Tgt Ion: 136 Resp: 495985

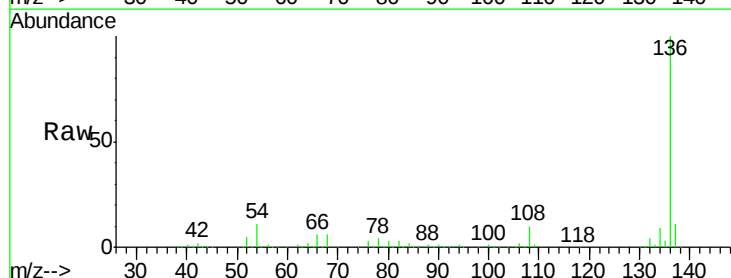
Ion Ratio Lower Upper

136 100

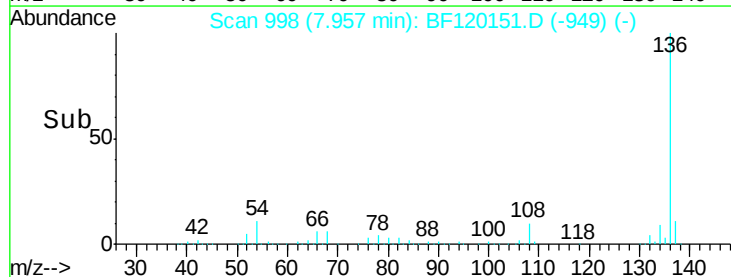
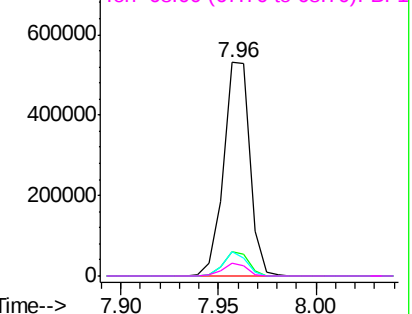
137 11.4 8.7 13.1

54 11.2 9.1 13.7

68 5.9 4.6 6.8



Abundance Ion 136.00 (135.70 to 136.70): E
800000
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

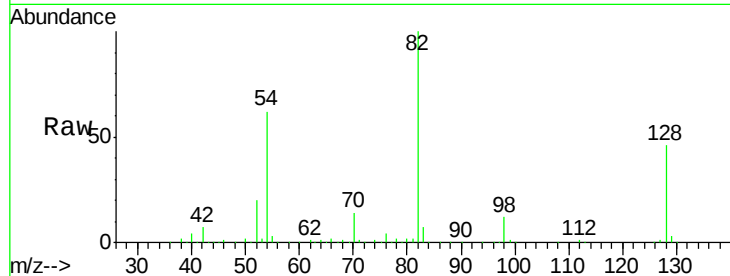




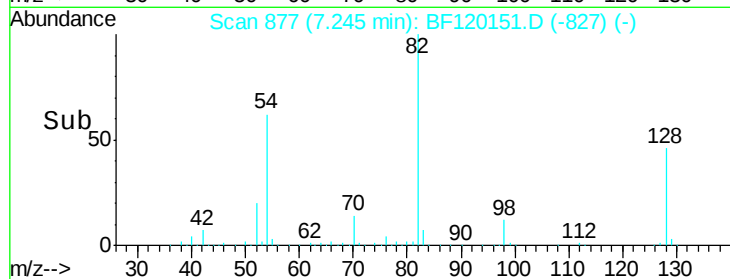
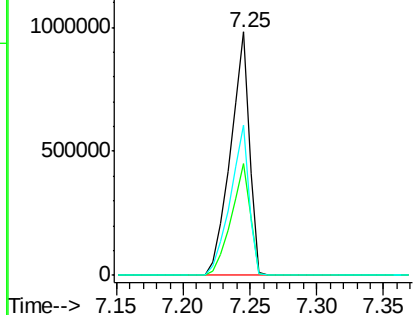
#23
 Nitrobenzene-d5
 Concen: 102.80 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF120151.D
 Acq: 23 Apr 2020 4:18

Instrument :
 BNA_F
 ClientSampled :
 BIN-4

Tgt Ion: 82 Resp: 985612
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.3 54.5
 54 61.6 50.6 75.8

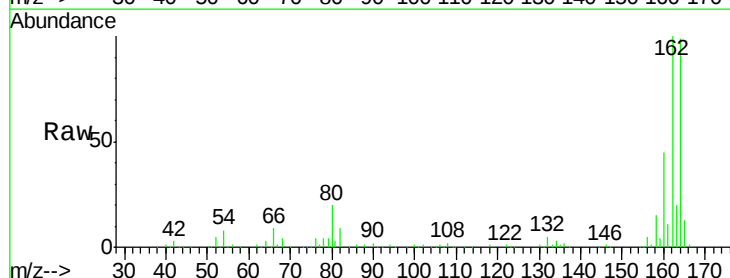


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

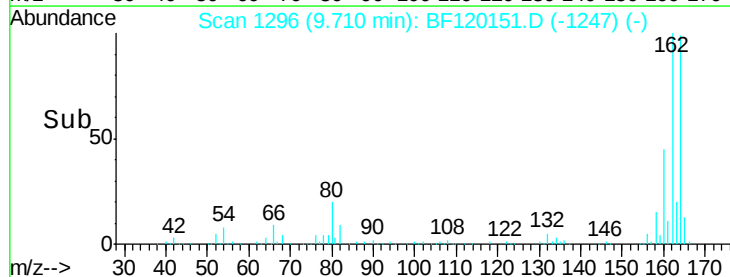
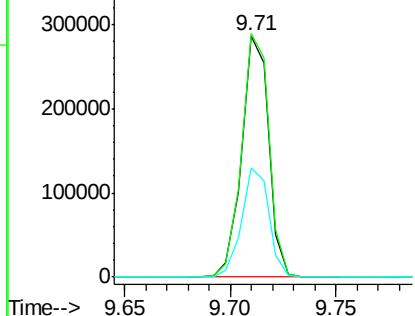


#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF120151.D
 Acq: 23 Apr 2020 4:18

Tgt Ion: 164 Resp: 252508
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.6 121.0
 160 45.1 35.7 53.5



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

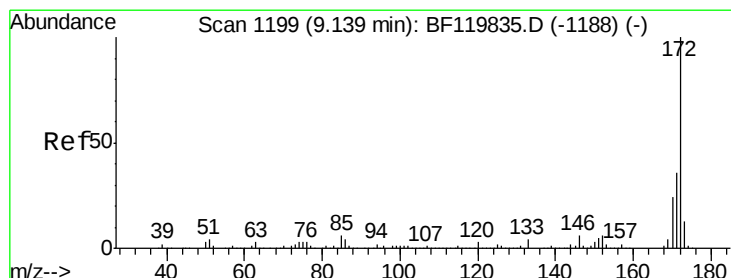
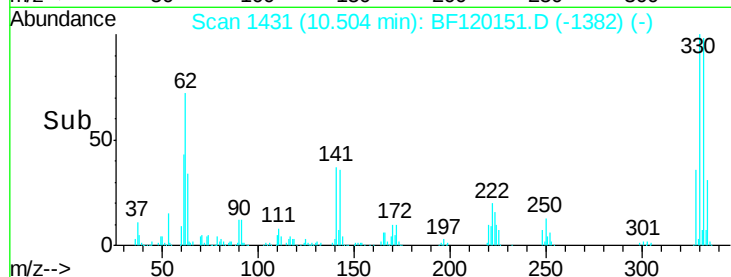
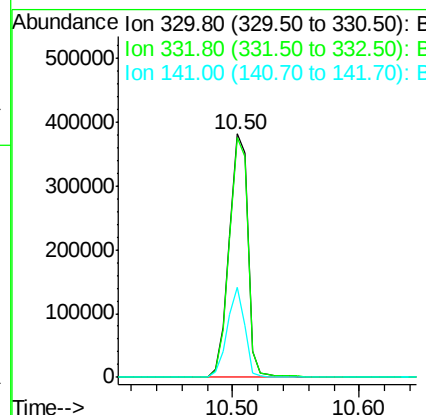
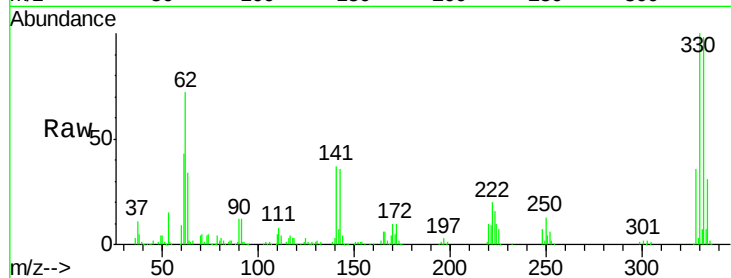




#42
 2,4,6-Tribromophenol
 Concen: 127.09 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF120151.D
 Acq: 23 Apr 2020 4:18

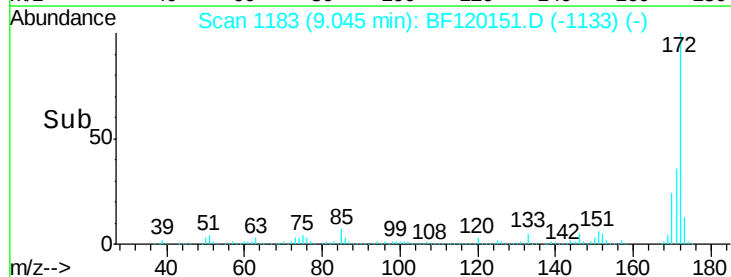
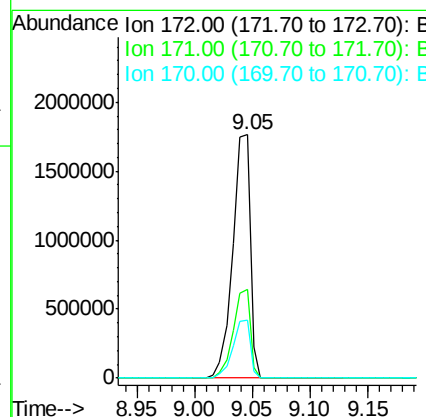
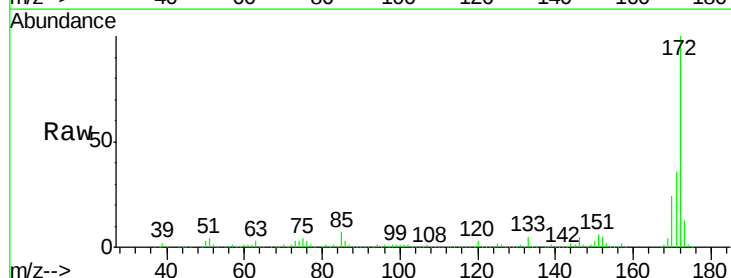
Instrument :
 BNA_F
 ClientSampled :
 BIN-4

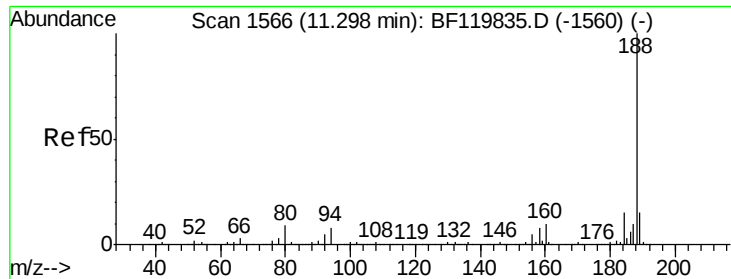
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	75.7	113.5
141	34.6	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 104.04 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120151.D
 Acq: 23 Apr 2020 4:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.8	20.2	30.2

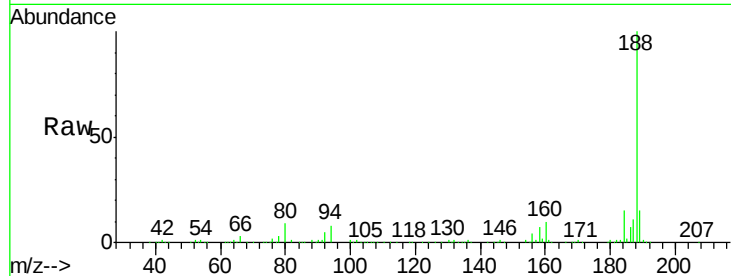




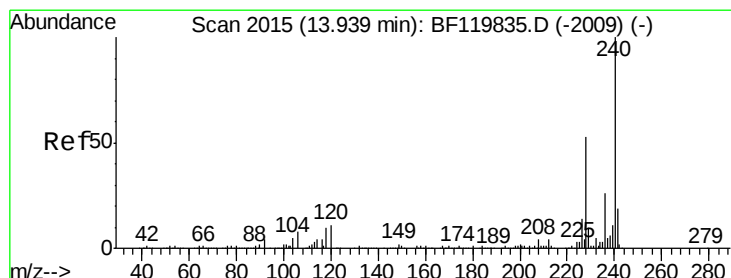
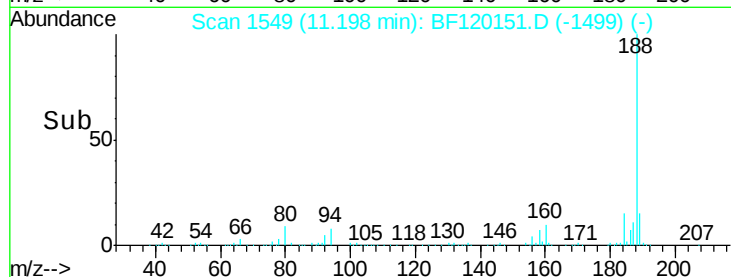
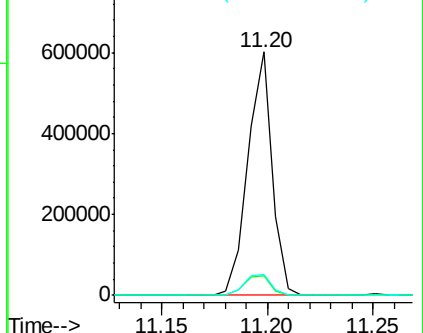
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120151.D
Acq: 23 Apr 2020 4:18

Instrument :
BNA_F
ClientSampleId :
BIN-4

Tgt Ion:188 Resp: 479468
Ion Ratio Lower Upper
188 100
94 8.2 7.5 11.3
80 8.6 9.0 13.4#

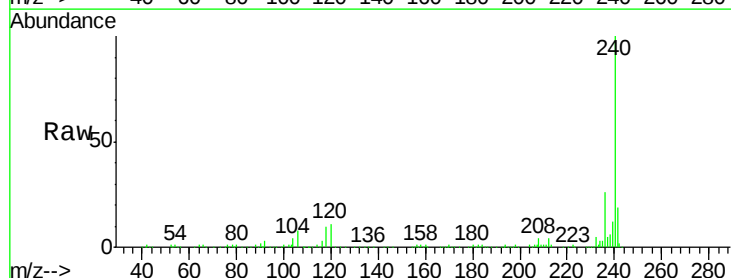


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

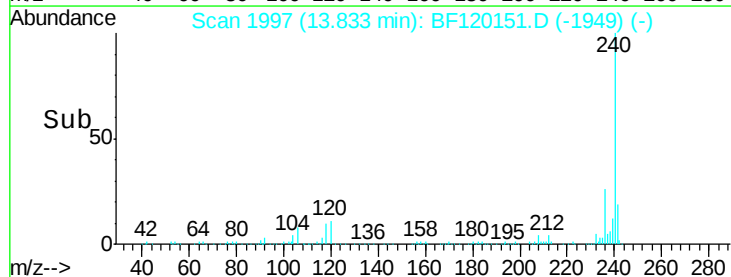
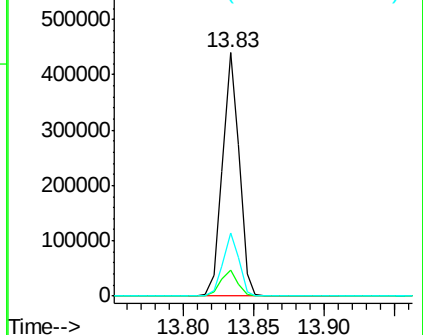


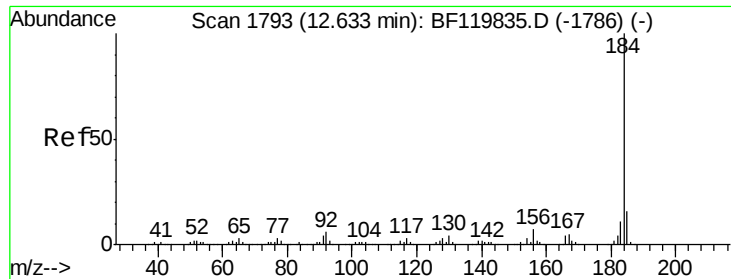
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF120151.D
Acq: 23 Apr 2020 4:18

Tgt Ion:240 Resp: 362762
Ion Ratio Lower Upper
240 100
120 10.5 10.6 15.8#
236 25.7 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

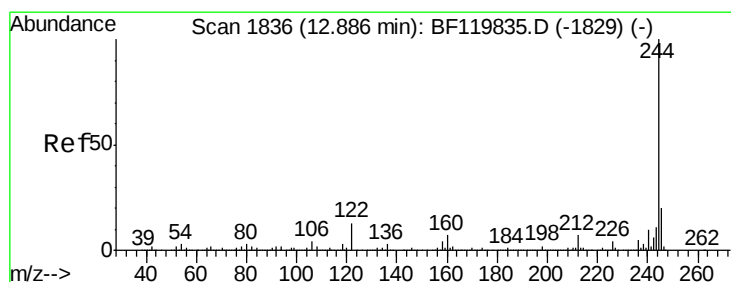
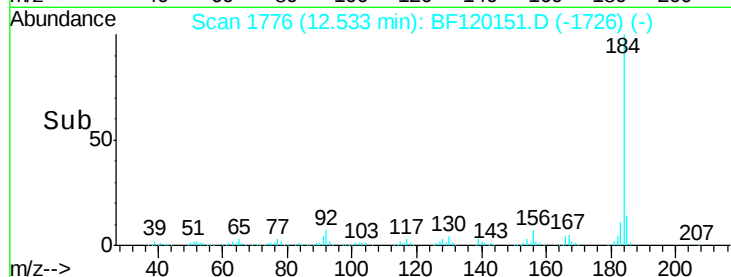
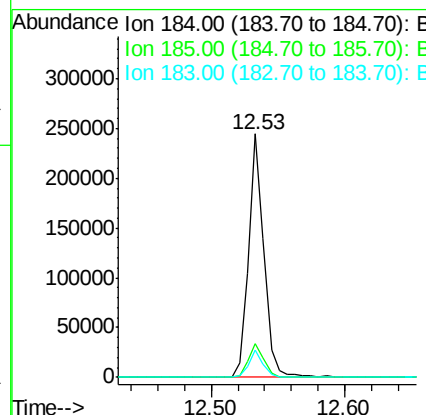
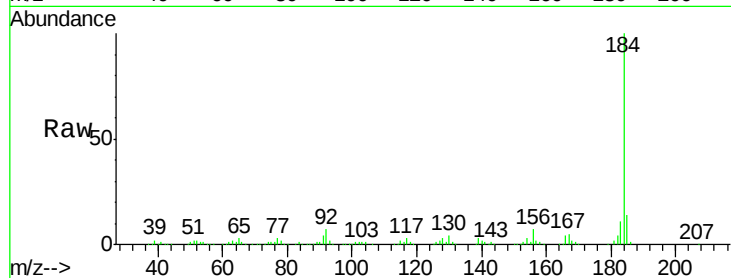




#77
Benzidine
Concen: 15.90 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF120151.D
Acq: 23 Apr 2020 4:18

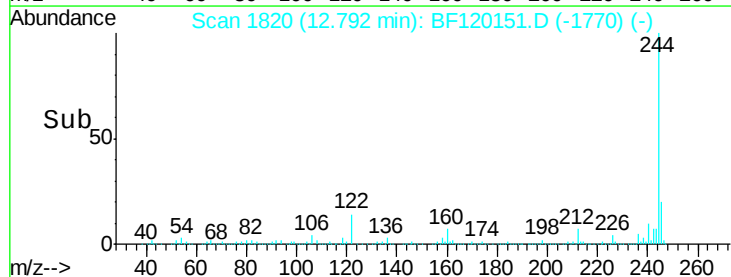
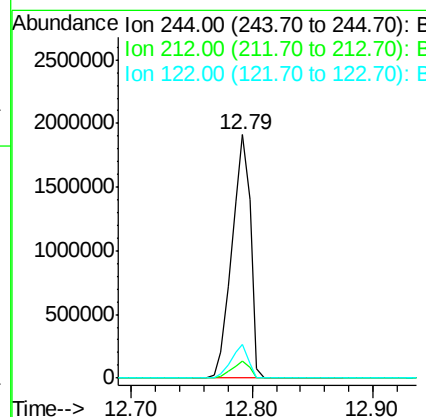
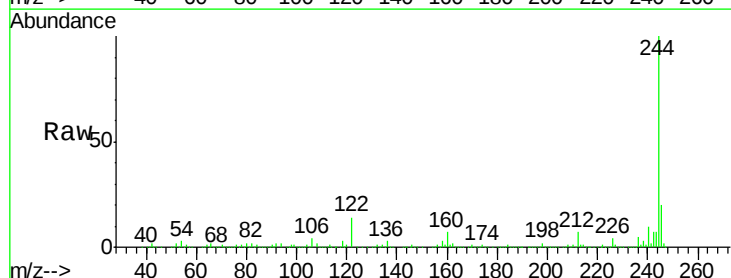
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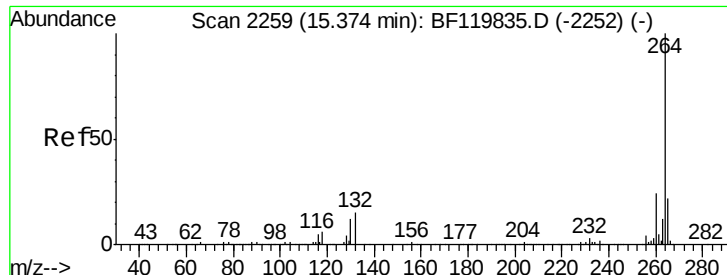
Tgt Ion:184 Resp: 194930
Ion Ratio Lower Upper
184 100
185 14.0 12.3 18.5
183 11.0 9.0 13.6



#79
Terphenyl-d14
Concen: 93.75 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF120151.D
Acq: 23 Apr 2020 4:18

Tgt Ion:244 Resp: 2021093
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 13.6 10.3 15.5





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF120151.D
Acq: 23 Apr 2020 4:18

Instrument :
BNA_F
ClientSampleId :
BIN-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	20.9	17.7	26.5

