

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119958.D
 Acq On : 14 Apr 2020 17:34
 Operator : MA/SJ
 Sample : L2230-48
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-34

Quant Time: Apr 14 18:12:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

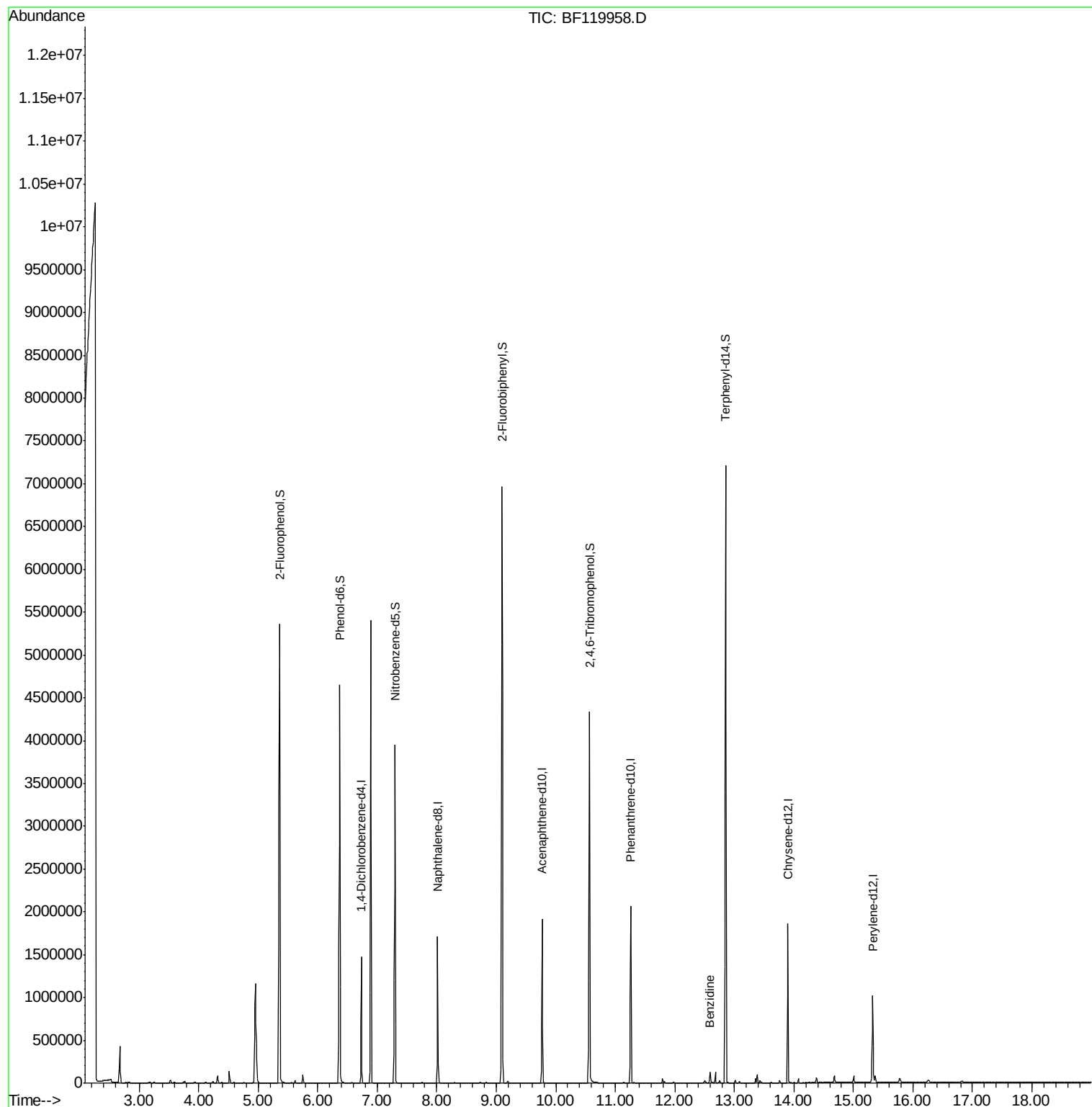
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	202295	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	770128	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	402898	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	797581	20.00	ng	0.00
76) Chrysene-d12	13.90	240	594064	20.00	ng	-0.01
87) Perylene-d12	15.33	264	456120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1604750	137.09	ng	0.02
7) Phenol-d6	6.37	99	1830601	121.37	ng	0.00
23) Nitrobenzene-d5	7.30	82	1360114	91.37	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	611394	123.94	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2509812	88.44	ng	0.00
79) Terphenyl-d14	12.86	244	2976847	84.32	ng	0.00
Target Compounds						
77) Benzidine	12.60	184	43597	2.171	ng	Qvalue 98

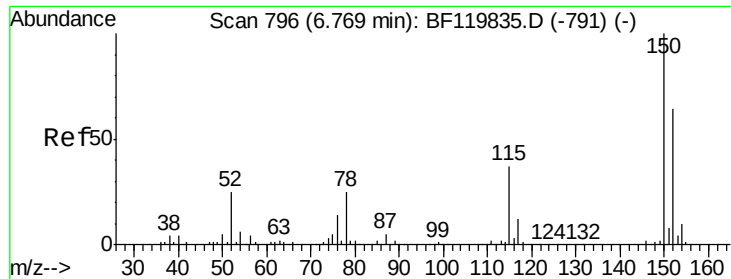
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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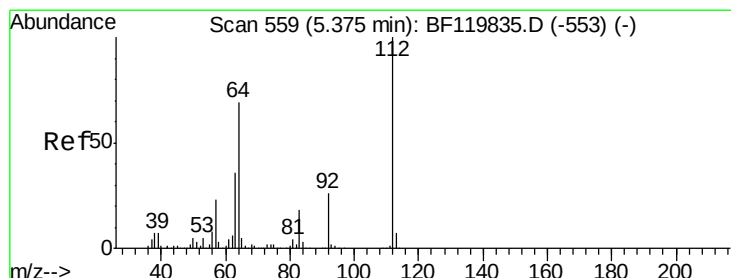
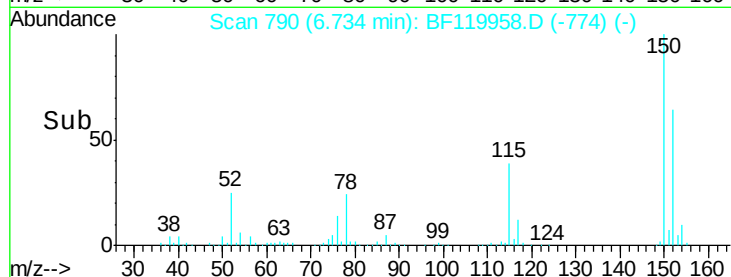
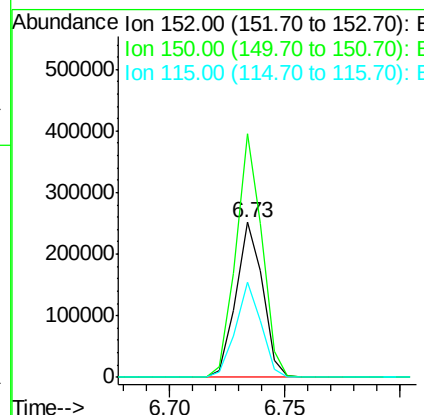
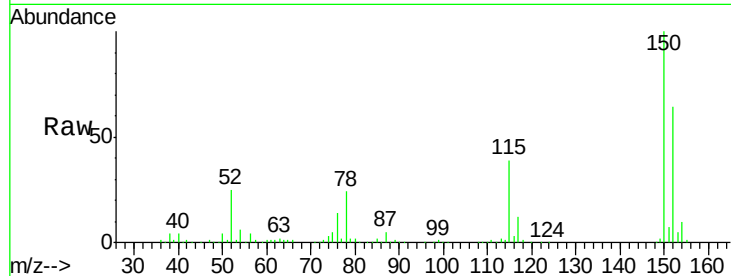




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119958.D
 Acq: 14 Apr 2020 17:34

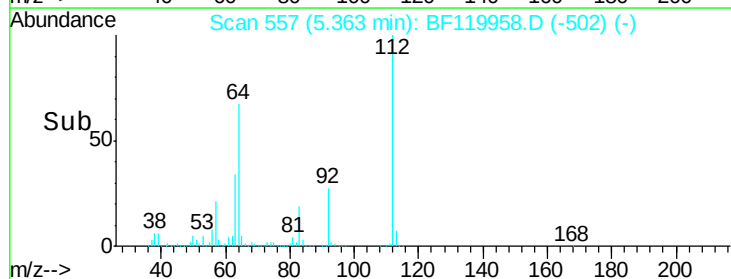
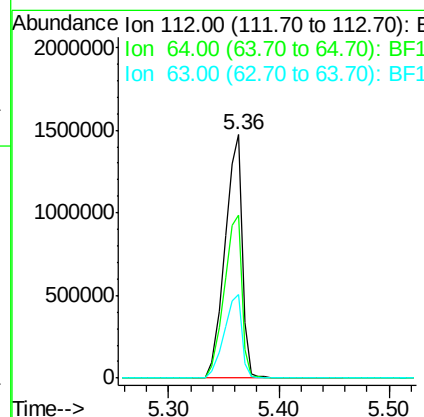
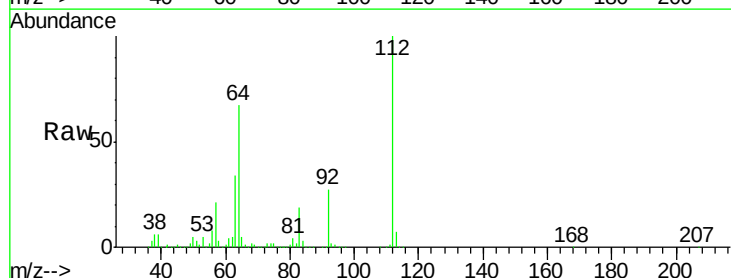
Instrument :
 BNA_F
 ClientSampled :
 TP-34

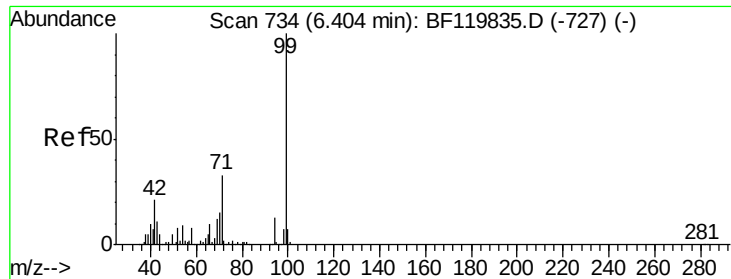
Tot Ion:152 Resp: 202295
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.8 187.2
 115 61.7 46.5 69.7



#5
 2-Fluorophenol
 Concen: 137.092 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.02 min
 Lab File: BF119958.D
 Acq: 14 Apr 2020 17:34

Tgt Ion:112 Resp: 1604750
 Ion Ratio Lower Upper
 112 100
 64 66.9 55.5 83.3
 63 34.5 29.1 43.7





#7

Phenol-d6

Concen: 121.366 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF119958.D

Acq: 14 Apr 2020 17:34

Instrument :

BNA_F

ClientSampleId :

TP-34

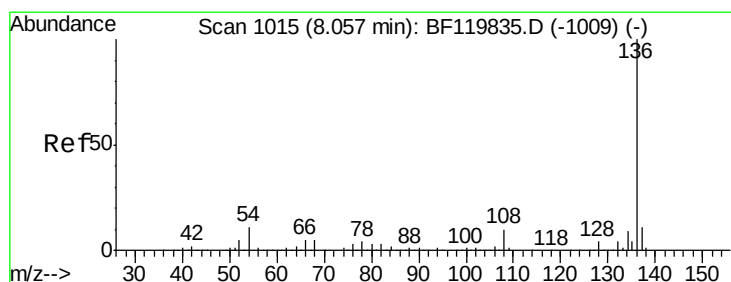
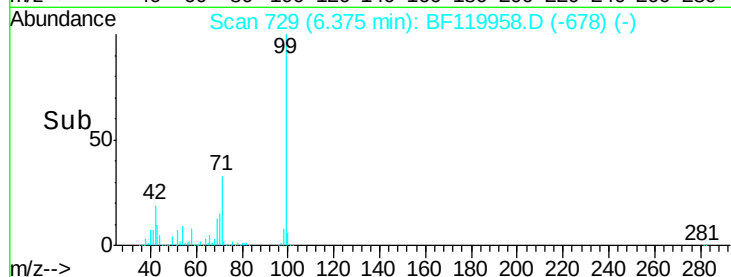
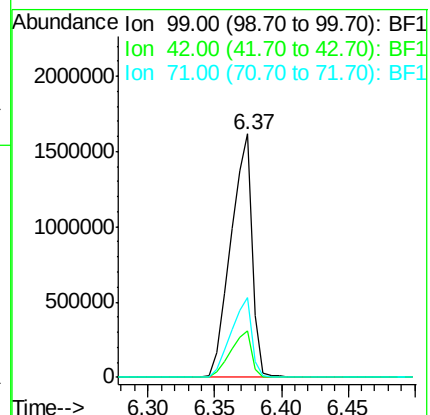
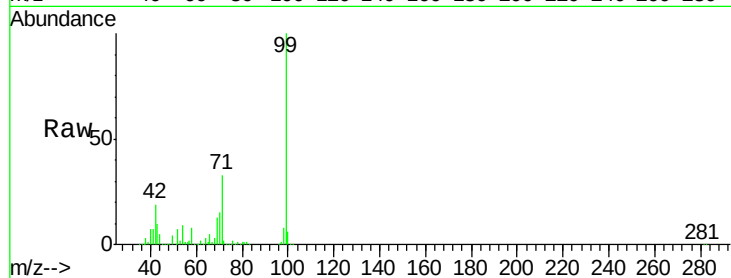
Tot Ion: 99 Resp: 1830601

Ion Ratio Lower Upper

99 100

42 19.2 16.9 25.3

71 33.0 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF119958.D

Acq: 14 Apr 2020 17:34

Tgt Ion: 136 Resp: 770128

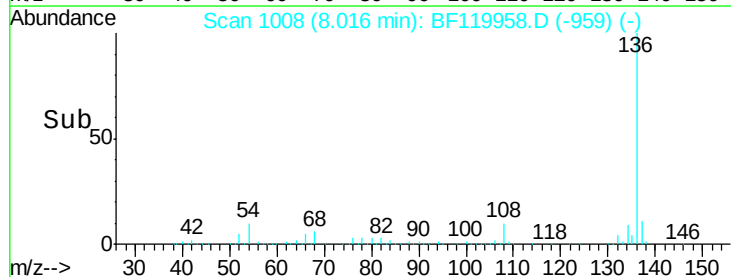
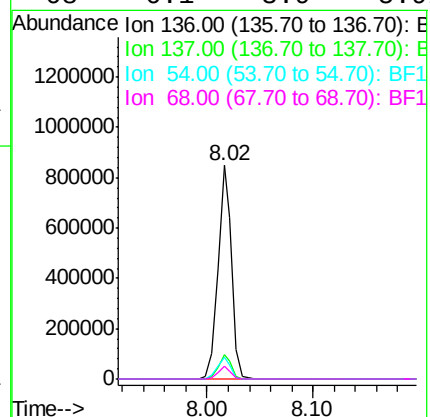
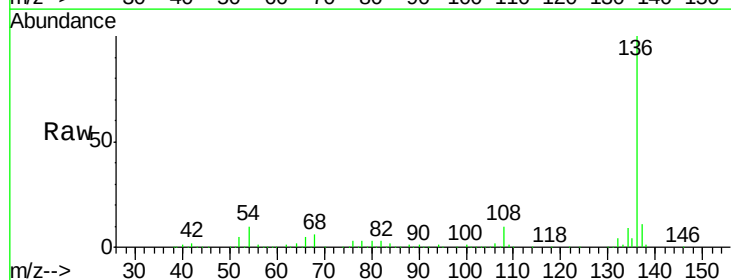
Ion Ratio Lower Upper

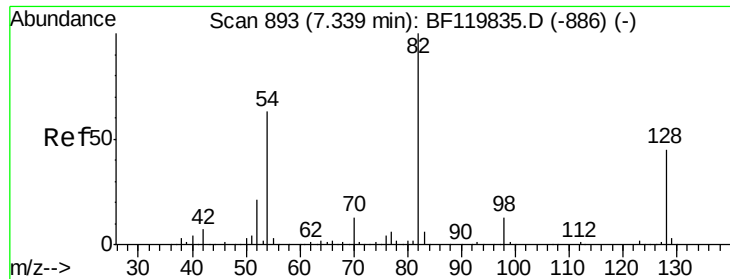
136 100

137 11.1 8.7 13.1

54 10.4 8.5 12.7

68 6.1 3.9 5.9#

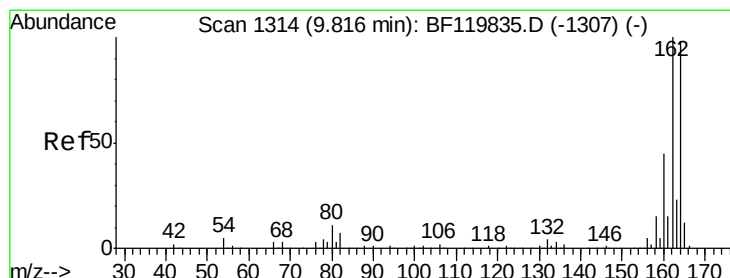
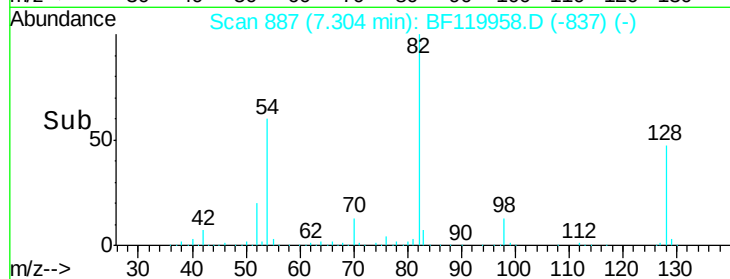
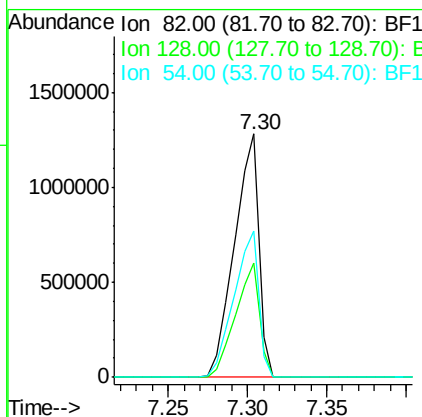
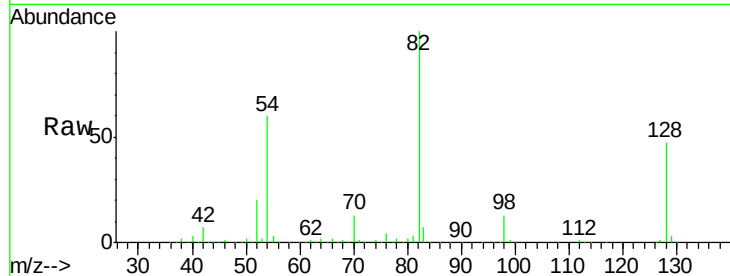




#23
 Nitrobenzene-d5
 Concen: 91.366 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF119958.D
 Acq: 14 Apr 2020 17:34

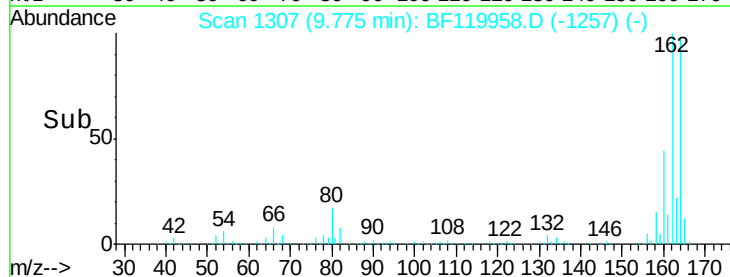
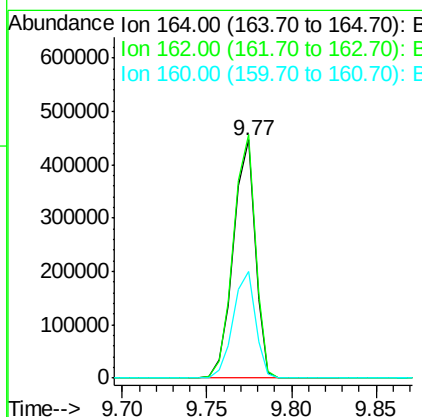
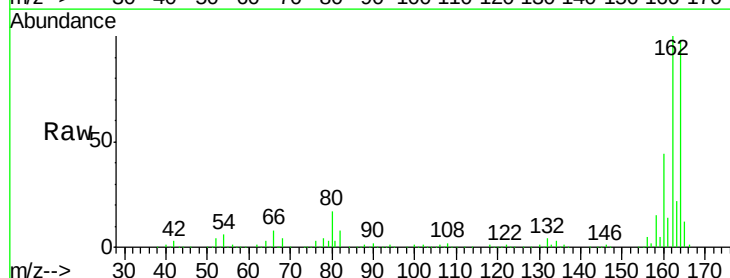
Instrument :
 BNA_F
 ClientSampleId :
 TP-34

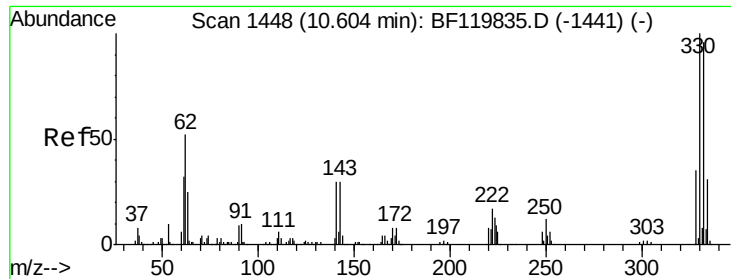
Tot Ion: 82 Resp: 1360114
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.2 54.4
 54 60.3 50.4 75.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119958.D
 Acq: 14 Apr 2020 17:34

Tgt Ion:164 Resp: 402898
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.9 122.9
 160 44.7 36.6 54.8

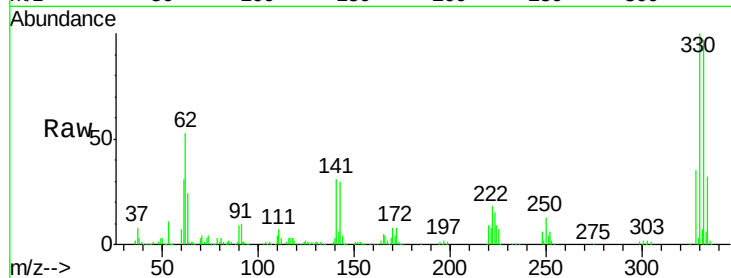




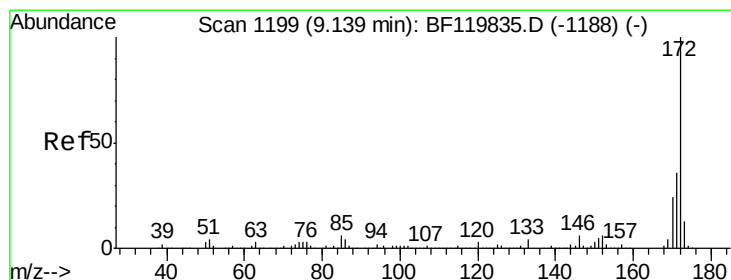
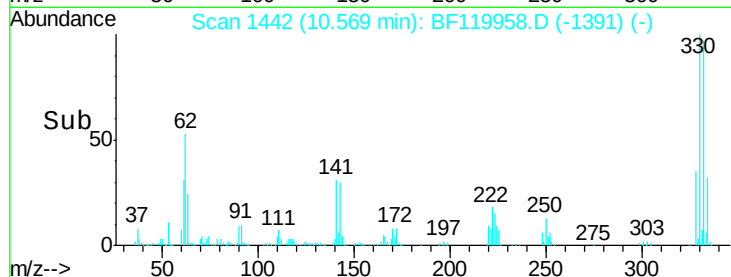
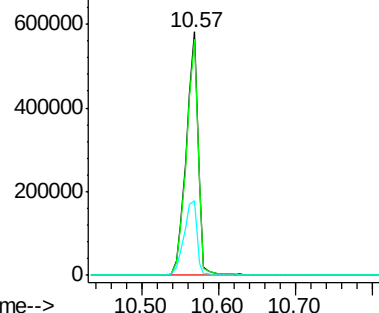
#42
 2,4,6-Tribromophenol
 Concen: 123.944 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF119958.D
 Acq: 14 Apr 2020 17:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-34

Tot Ion:330 Resp: 611394
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.8 115.2
 141 33.9 25.1 37.7

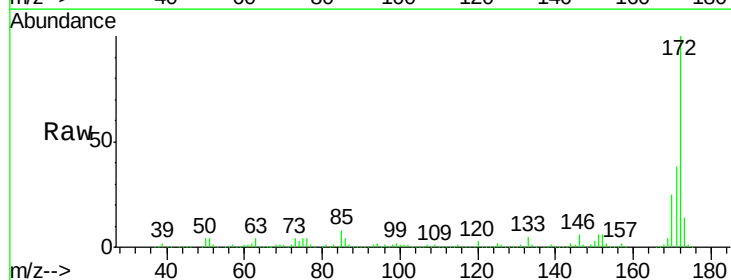


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

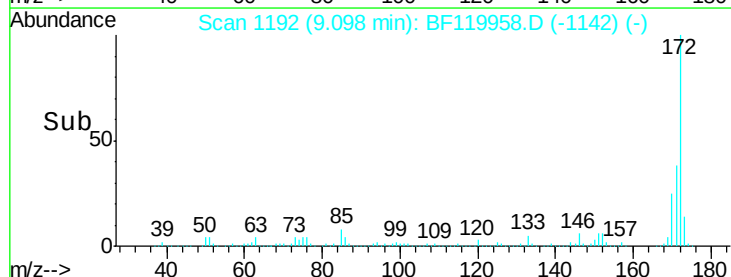
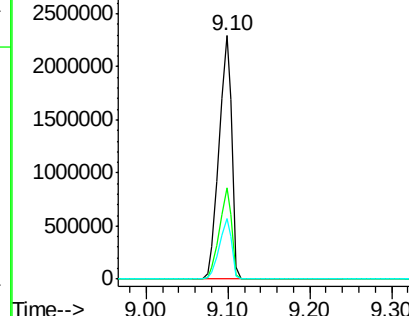


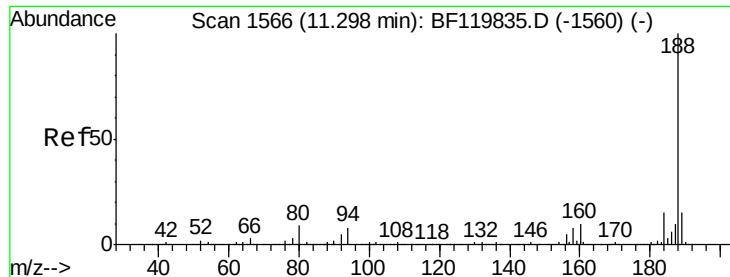
#45
 2-Fluorobiphenyl
 Concen: 88.444 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119958.D
 Acq: 14 Apr 2020 17:34

Tgt Ion:172 Resp: 2509812
 Ion Ratio Lower Upper
 172 100
 171 37.7 28.9 43.3
 170 24.7 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

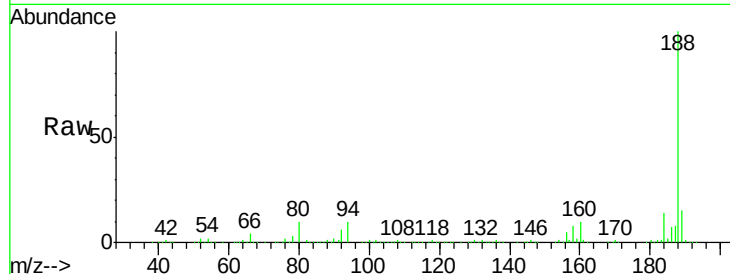




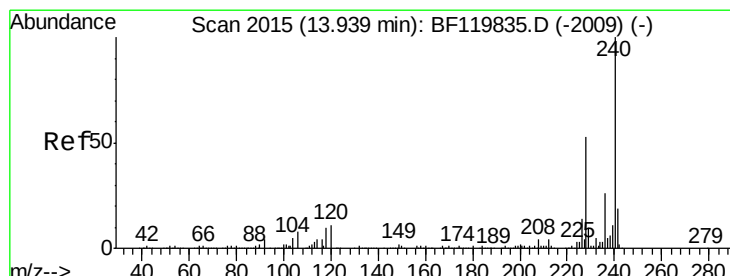
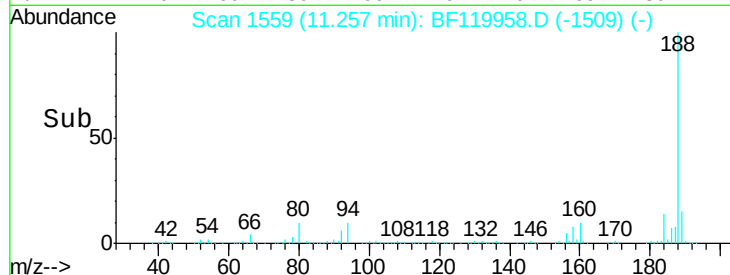
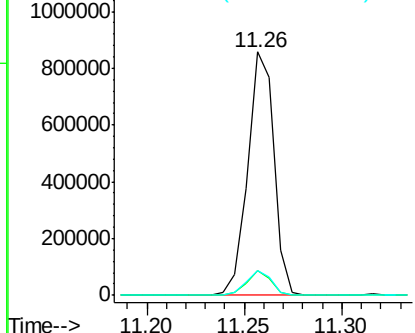
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119958.D
Acq: 14 Apr 2020 17:34

Instrument :
BNA_F
ClientSampleId :
TP-34

Tot Ion:188 Resp: 797581
Ion Ratio Lower Upper
188 100
94 9.9 6.7 10.1
80 10.4 7.4 11.2

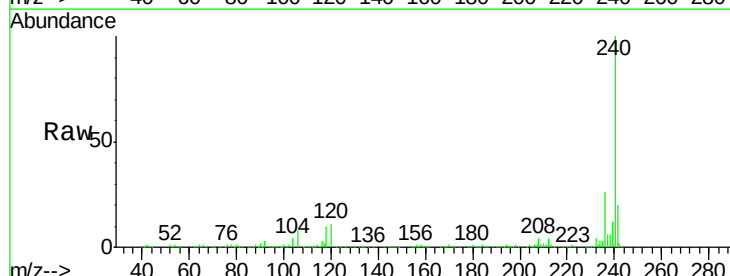


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

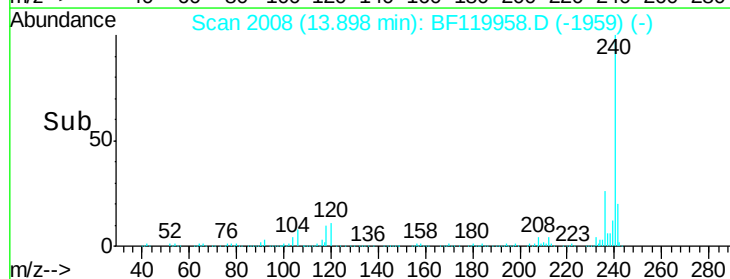
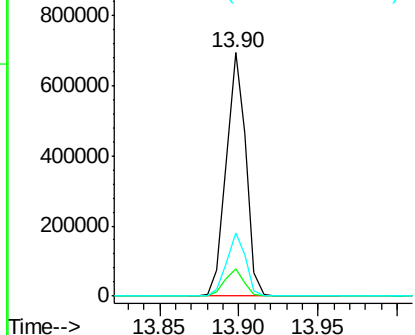


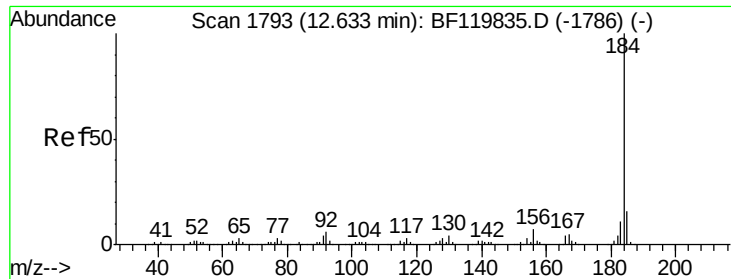
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119958.D
Acq: 14 Apr 2020 17:34

Tgt Ion:240 Resp: 594064
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.6
236 25.7 20.7 31.1



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

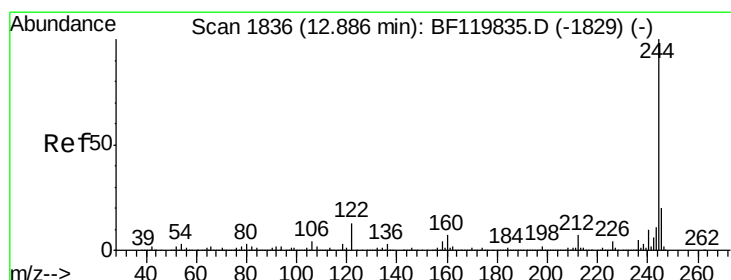
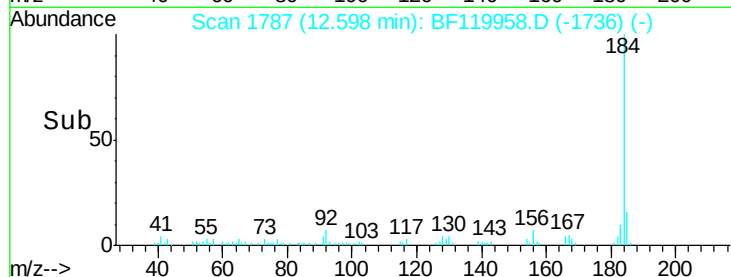
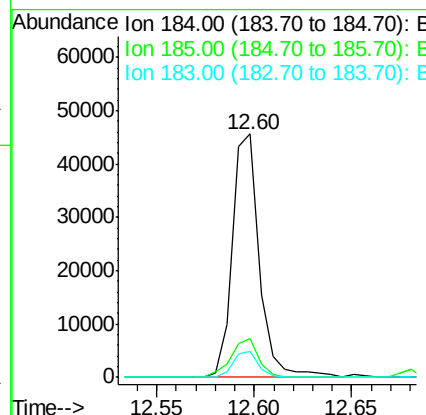
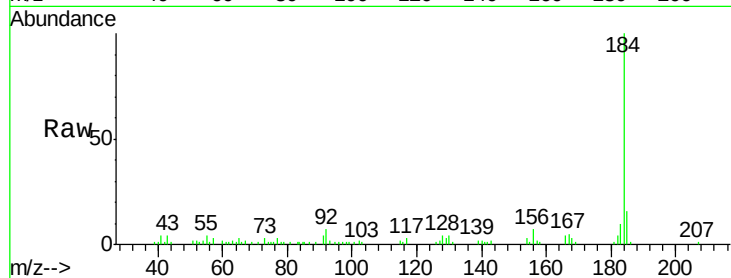




#77
Benzidine
Concen: 2.171 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF119958.D
Acq: 14 Apr 2020 17:34

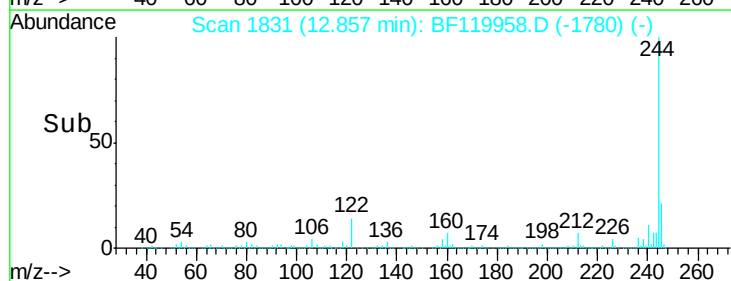
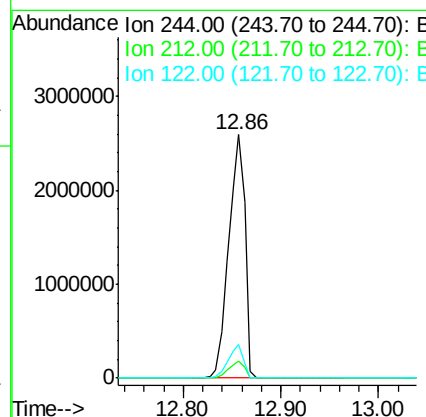
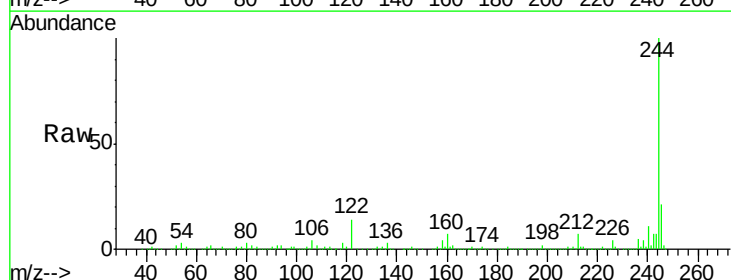
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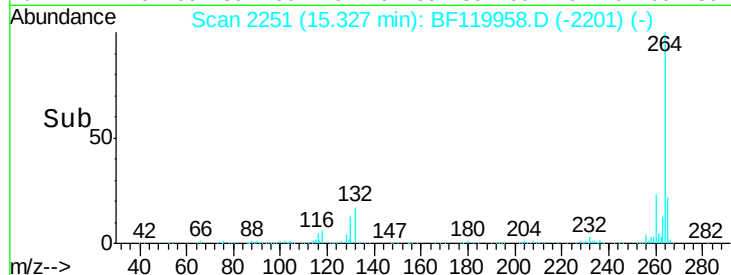
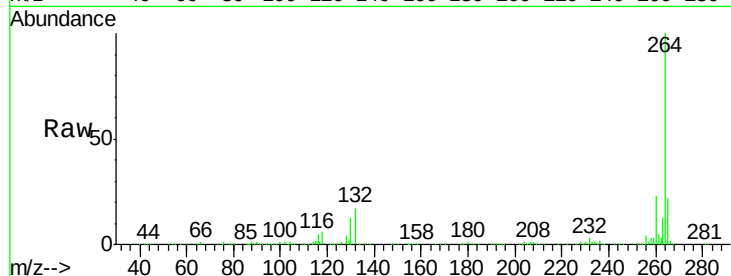
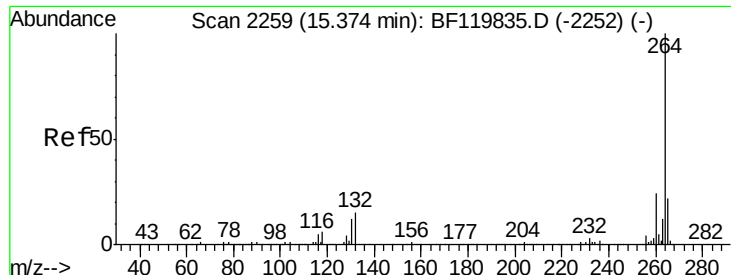
Tot Ion:184 Resp: 43597
Ion Ratio Lower Upper
184 100
185 16.2 13.2 19.8
183 10.4 9.1 13.7



#79
Terphenyl-d14
Concen: 84.318 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF119958.D
Acq: 14 Apr 2020 17:34

Tgt Ion:244 Resp: 2976847
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 13.7 10.3 15.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF119958.D
Acq: 14 Apr 2020 17:34

Instrument :
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ClientSampleId :
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Tot Ion:	264	Resp:	456120
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.3	28.9
265	21.5	17.6	26.4

