

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119859.D
 Acq On : 9 Apr 2020 7:38
 Operator : MA/SJ
 Sample : L2151-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-109

Quant Time: Apr 09 08:12:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

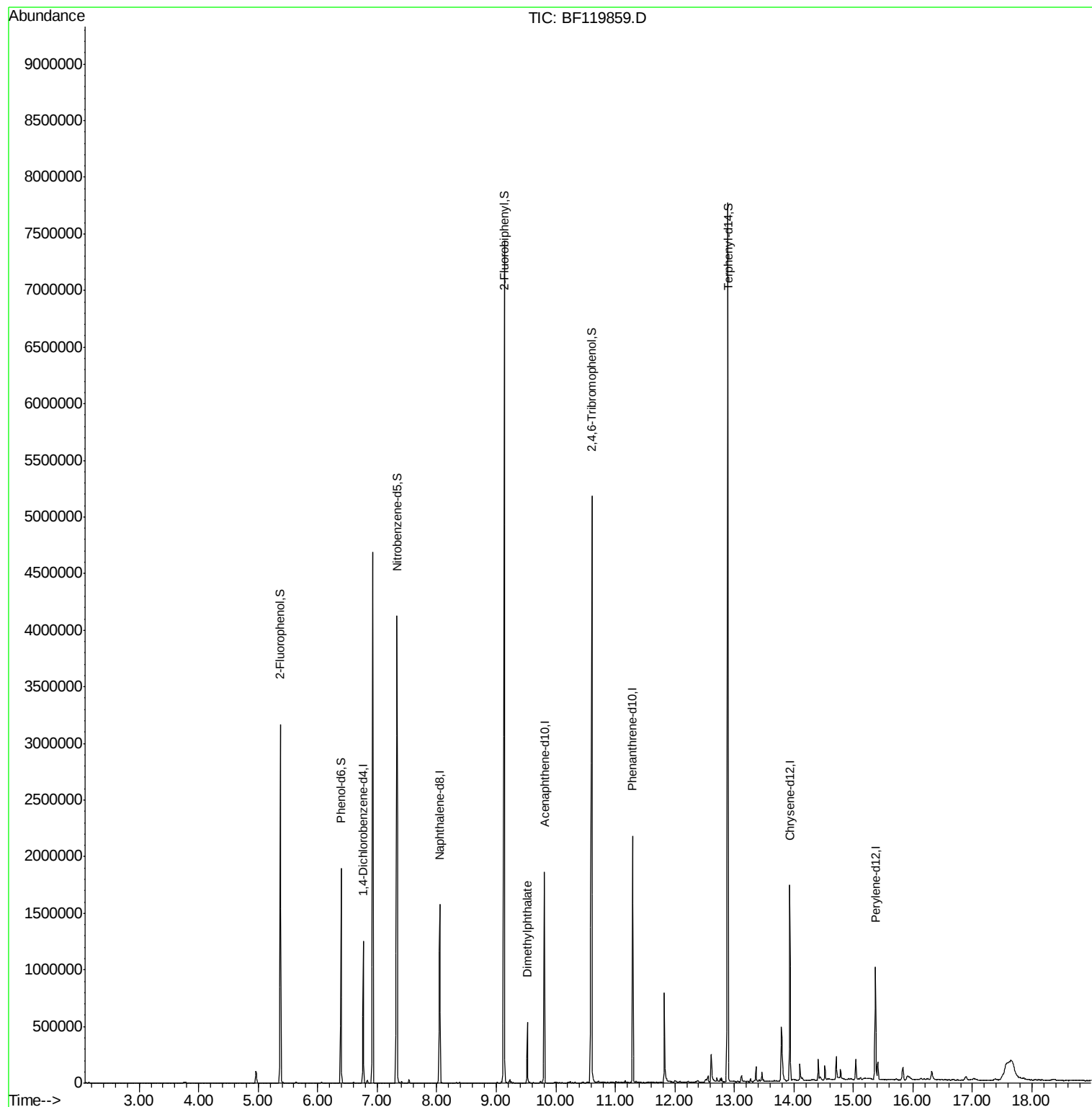
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	179915	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	705624	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	393018	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	787302	20.00	ng	0.00
76) Chrysene-d12	13.93	240	555110	20.00	ng	0.00
87) Perylene-d12	15.37	264	457147	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	756258	72.64	ng	0.00
7) Phenol-d6	6.39	99	563302	41.99	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1511946	110.85	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	746207	155.08	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2732388	98.71	ng	0.00
79) Terphenyl-d14	12.89	244	3413563	103.47	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.52	163	196812	6.474	ng	Qvalue 98

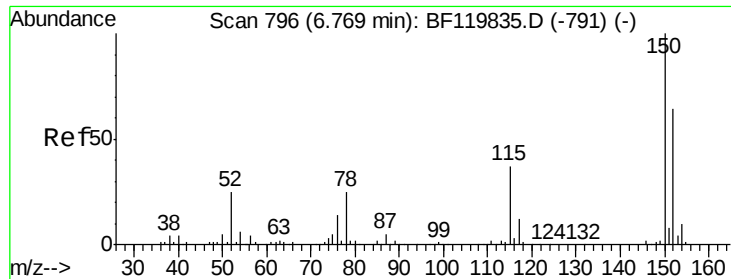
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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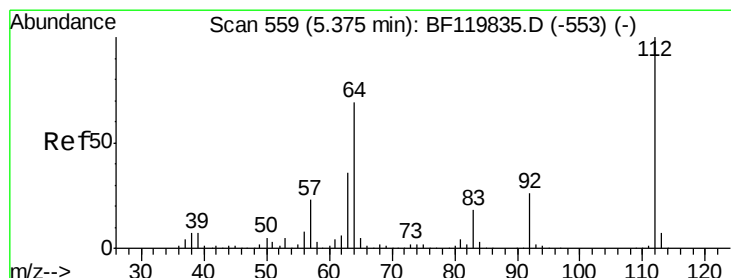
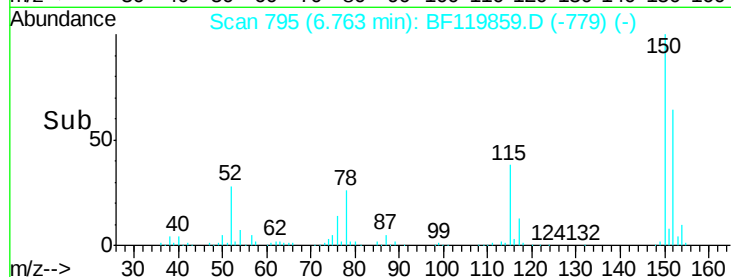
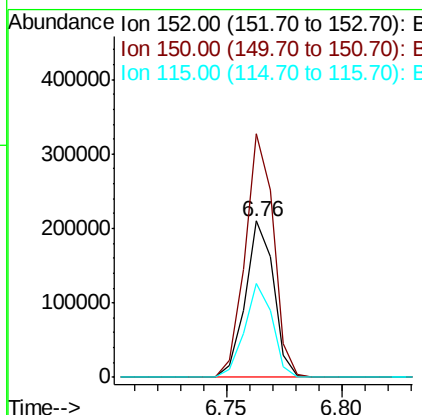
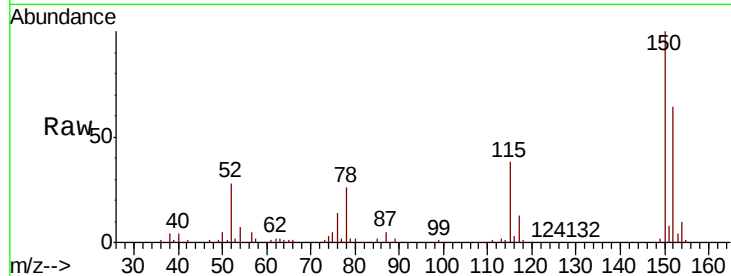


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119859.D
Acq: 9 Apr 2020 7:38

Instrument :
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ClientSampleId :
MH-109

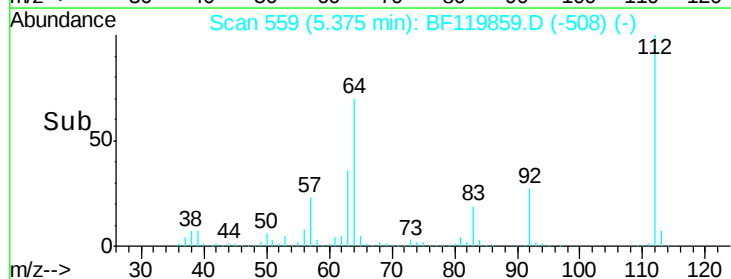
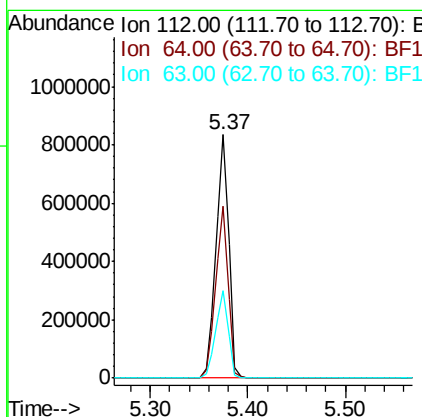
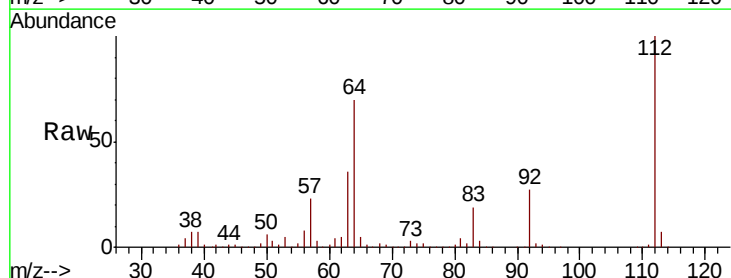
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.8	187.2
115	59.7	46.5	69.7

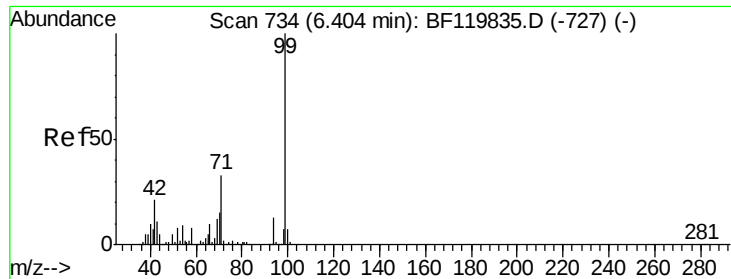


#5

2-Fluorophenol
Concen: 72.643 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF119859.D
Acq: 9 Apr 2020 7:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	55.5	83.3
63	36.1	29.1	43.7





#7

Phenol-d6

Concen: 41.992 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119859.D

Acq: 9 Apr 2020 7:38

Instrument :

BNA_F

ClientSampleId :

MH-109

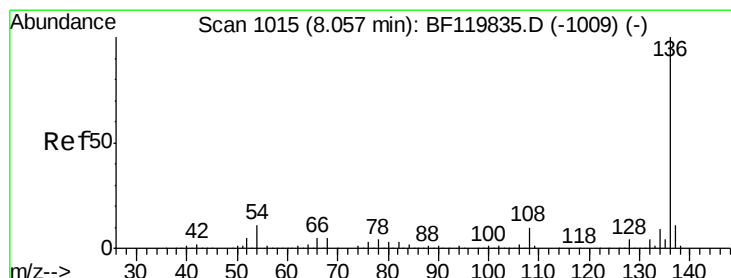
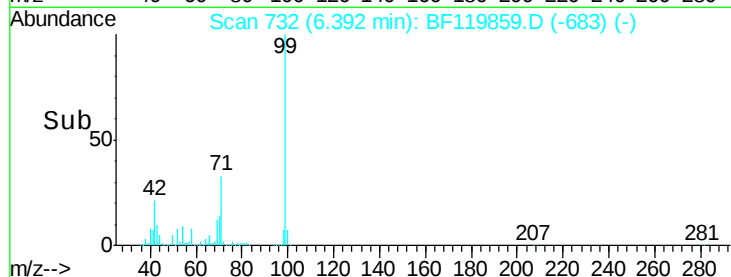
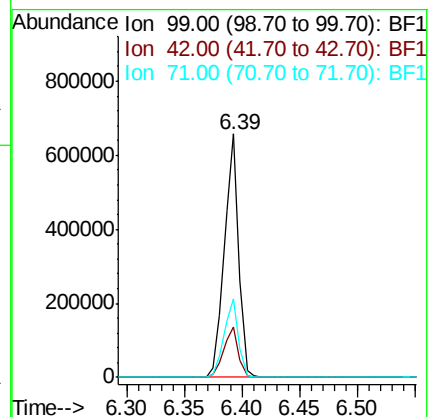
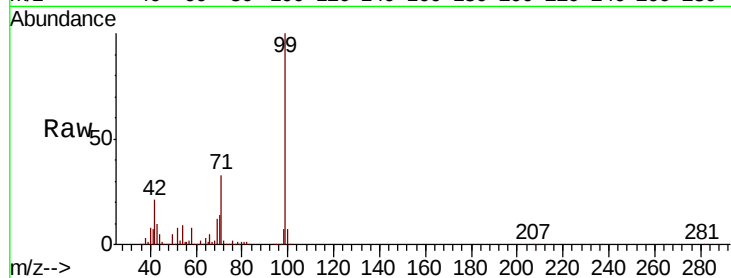
Tot Ion: 99 Resp: 563302

Ion Ratio Lower Upper

99 100

42 20.7 16.9 25.3

71 32.5 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF119859.D

Acq: 9 Apr 2020 7:38

Tgt Ion: 136 Resp: 705624

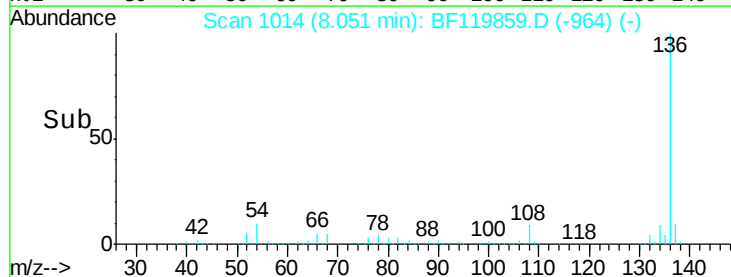
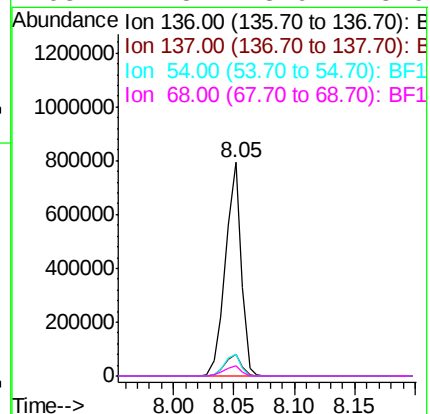
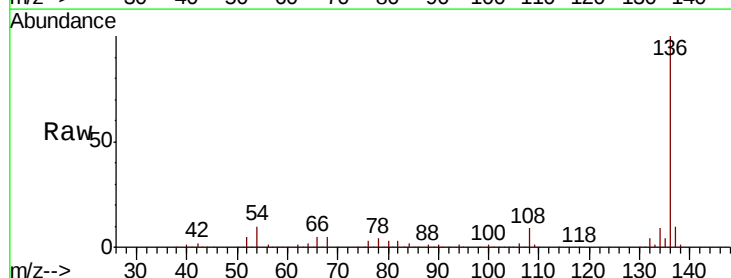
Ion Ratio Lower Upper

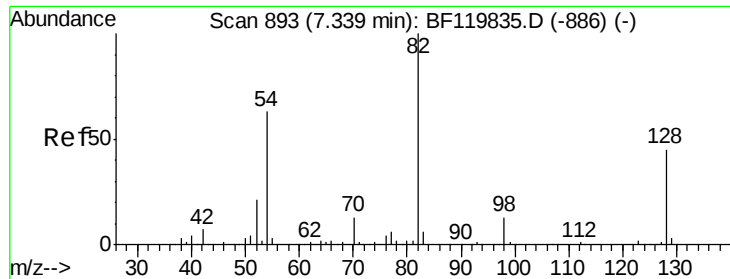
136 100

137 10.4 8.7 13.1

54 10.0 8.5 12.7

68 4.8 3.9 5.9

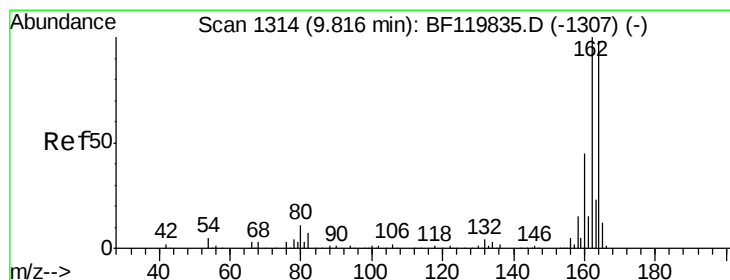
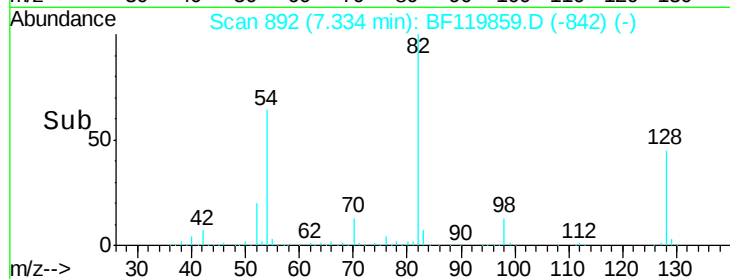
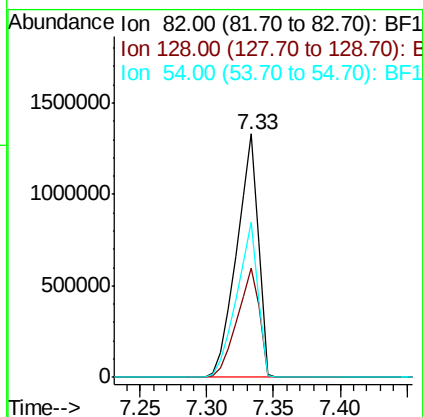
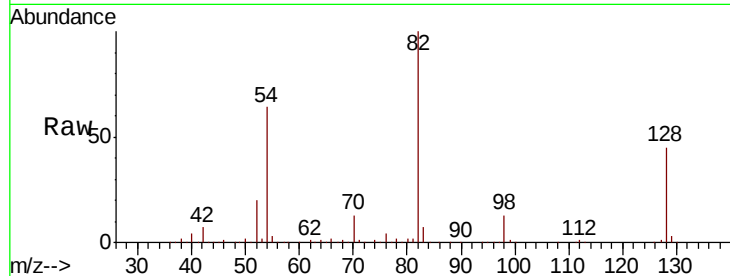




#23
 Nitrobenzene-d5
 Concen: 110.850 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF119859.D
 Acq: 9 Apr 2020 7:38

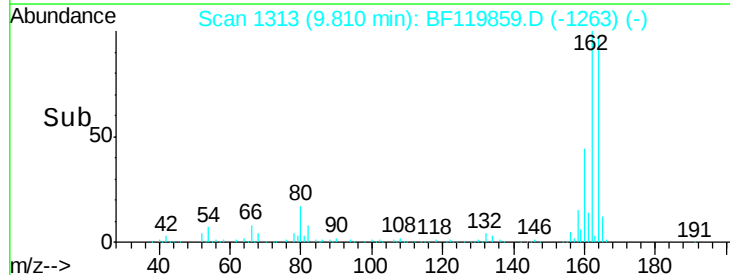
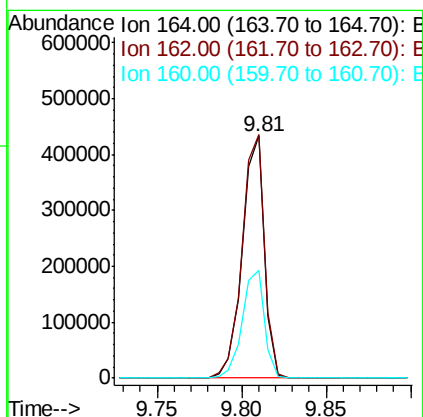
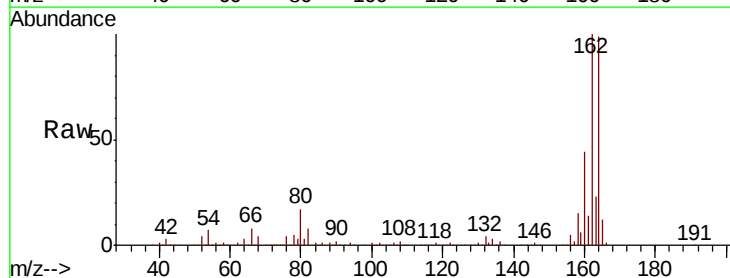
Instrument :
 BNA_F
 ClientSampleId :
 MH-109

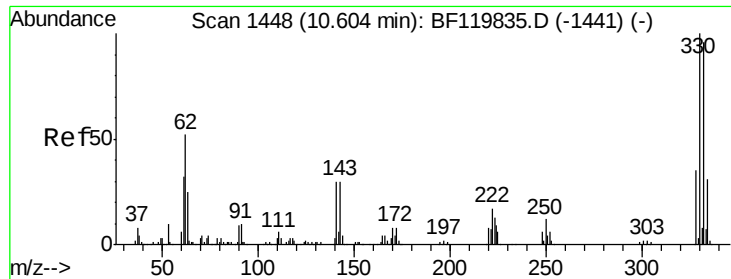
Tot Ion: 82 Resp: 1511946
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.2 54.4
 54 63.8 50.4 75.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF119859.D
 Acq: 9 Apr 2020 7:38

Tgt Ion:164 Resp: 393018
 Ion Ratio Lower Upper
 164 100
 162 100.5 81.9 122.9
 160 44.5 36.6 54.8

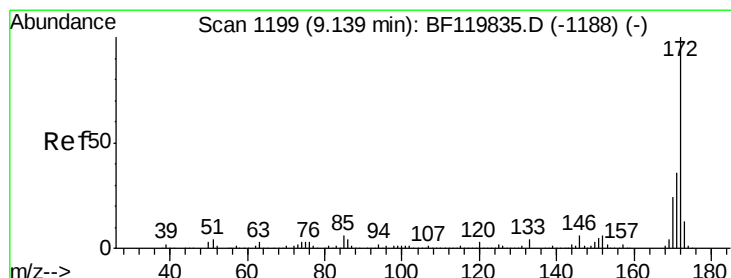
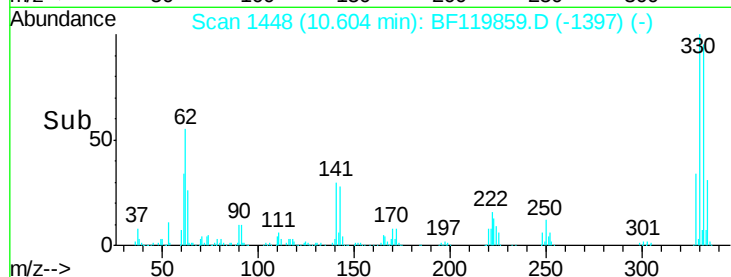
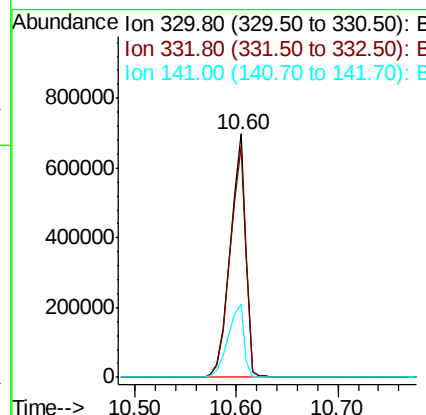
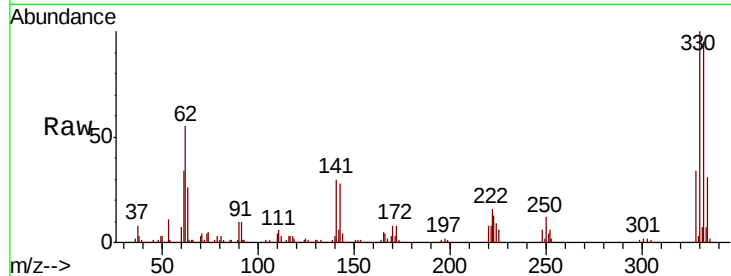




#42
 2,4,6-Tribromophenol
 Concen: 155.076 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF119859.D
 Acq: 9 Apr 2020 7:38

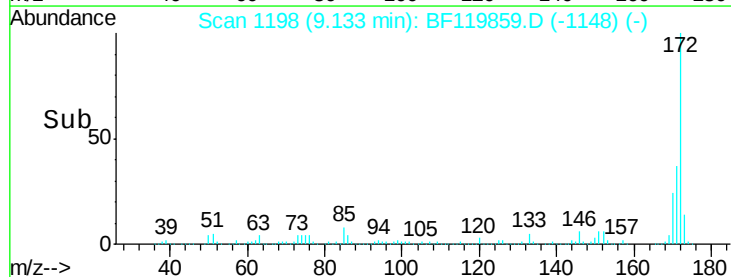
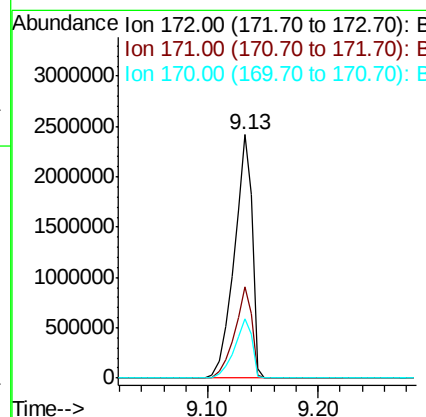
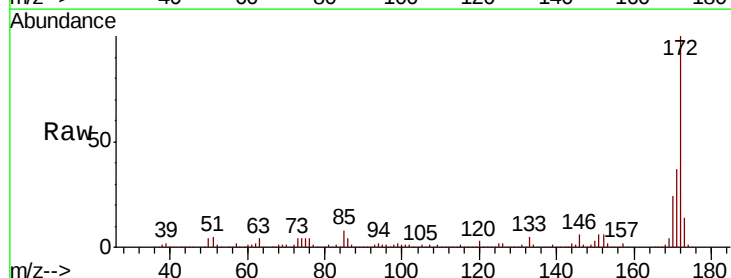
Instrument :
 BNA_F
 ClientSampleId :
 MH-109

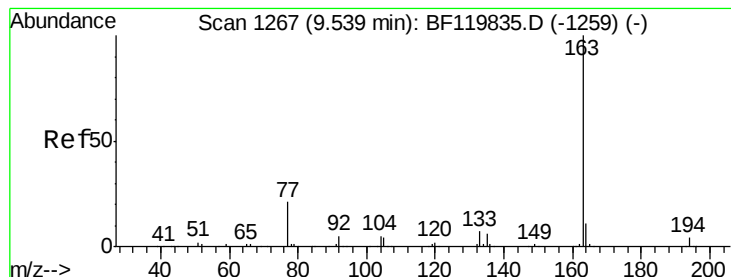
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	30.8	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 98.708 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119859.D
 Acq: 9 Apr 2020 7:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.9	43.3
170	24.4	19.4	29.2





#50

Dimethylphthalate

Concen: 6.474 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF119859.D

Acq: 9 Apr 2020 7:38

Instrument :

BNA_F

ClientSampleId :

MH-109

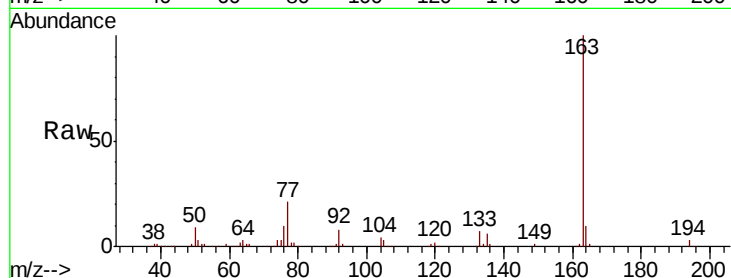
Tot Ion:163 Resp: 196812

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

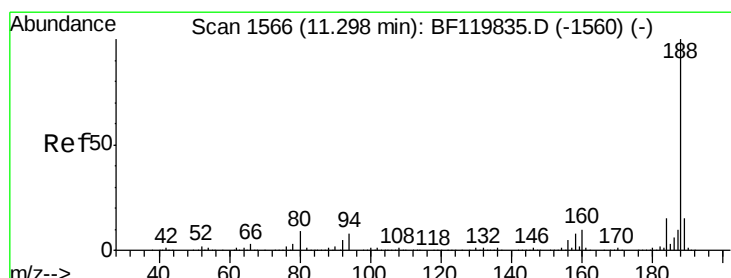
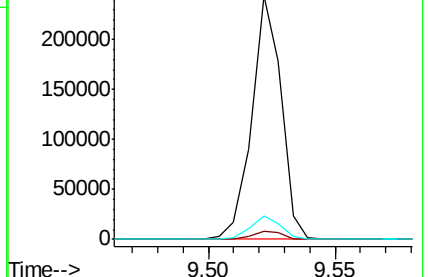
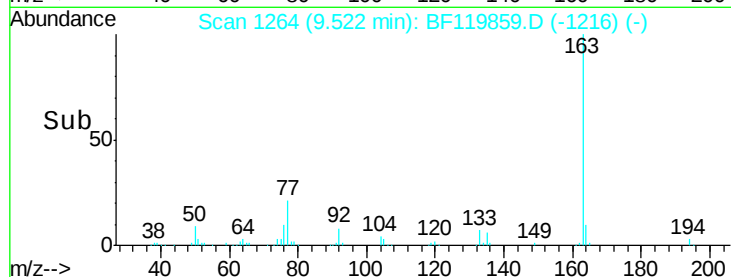
164 9.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF119859.D

Acq: 9 Apr 2020 7:38

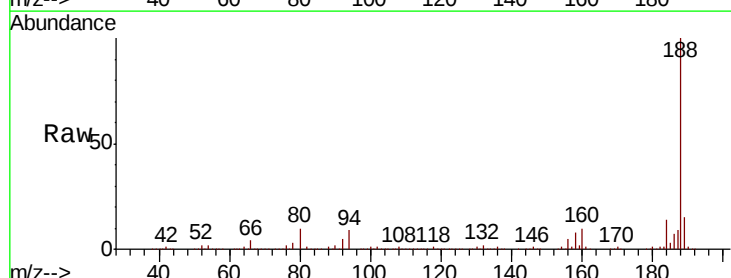
Tgt Ion:188 Resp: 787302

Ion Ratio Lower Upper

188 100

94 9.2 6.7 10.1

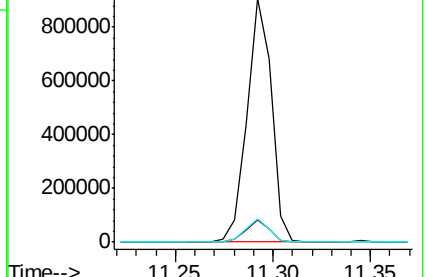
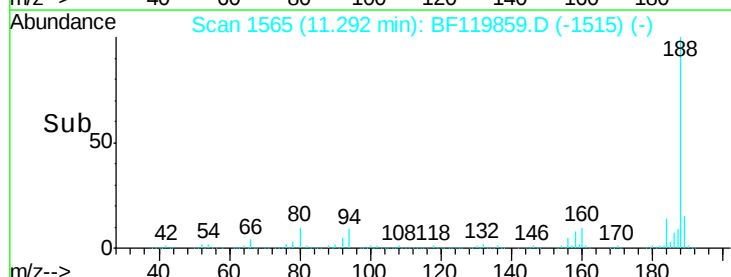
80 9.8 7.4 11.2

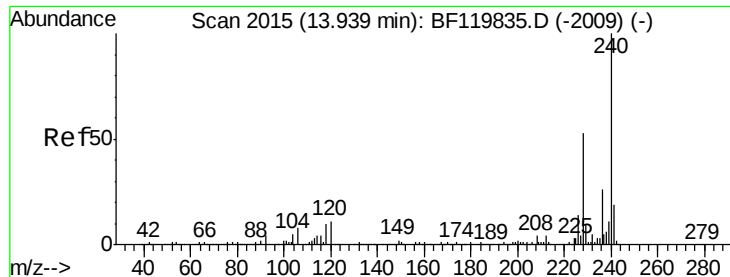


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

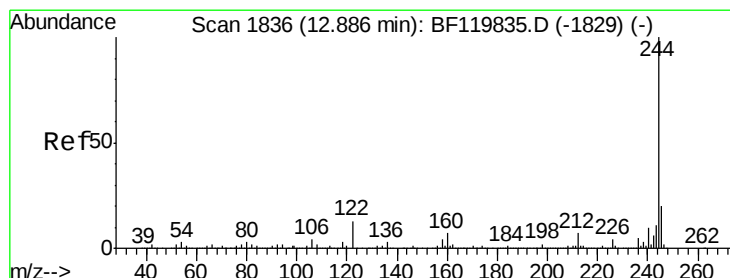
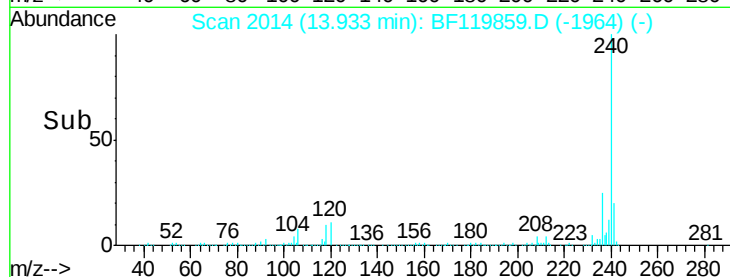
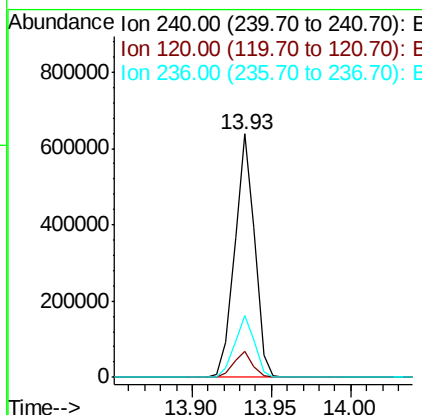
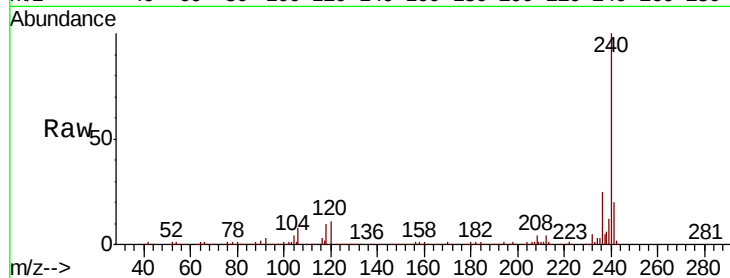




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF119859.D
 Acq: 9 Apr 2020 7:38

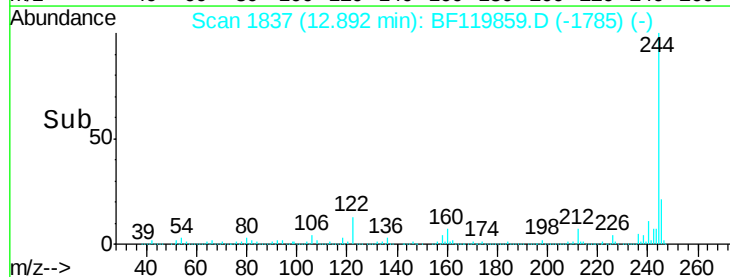
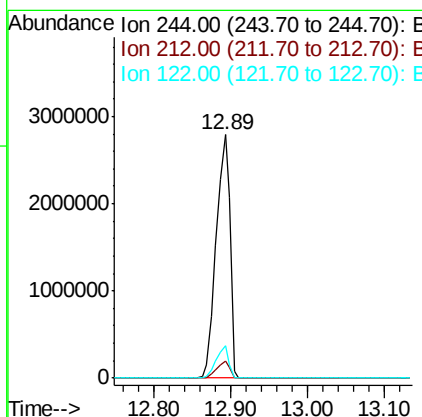
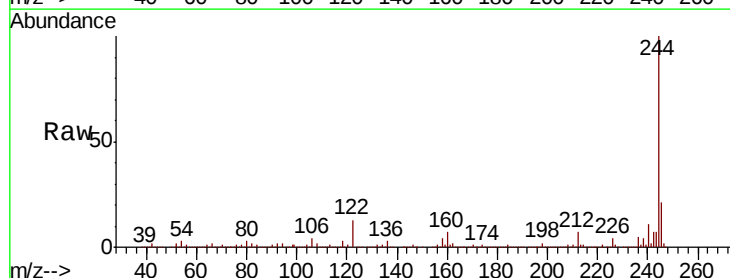
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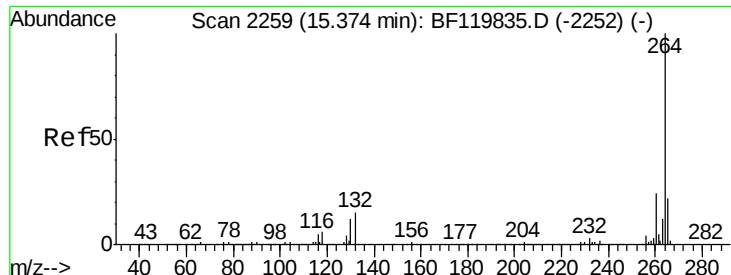
Tot Ion:240 Resp: 555110
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.0 13.6
 236 25.2 20.7 31.1



#79
 Terphenyl-d14
 Concen: 103.472 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: BF119859.D
 Acq: 9 Apr 2020 7:38

Tgt Ion:244 Resp: 3413563
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 13.1 10.3 15.5

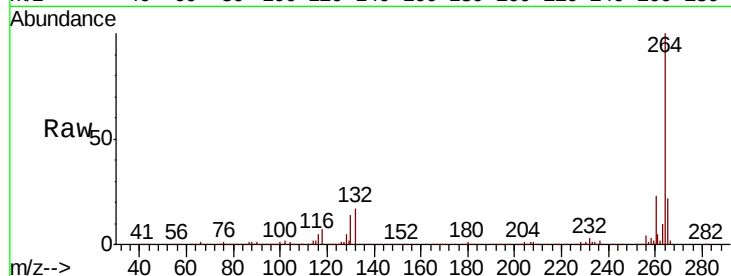




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF119859.D
Acq: 9 Apr 2020 7:38

Instrument :
BNA_F
ClientSampleId :
MH-109

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	22.2	17.6	26.4



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

