

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119851.D
 Acq On : 9 Apr 2020 4:02
 Operator : MA/SJ
 Sample : L2151-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-726

Quant Time: Apr 09 04:43:55 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

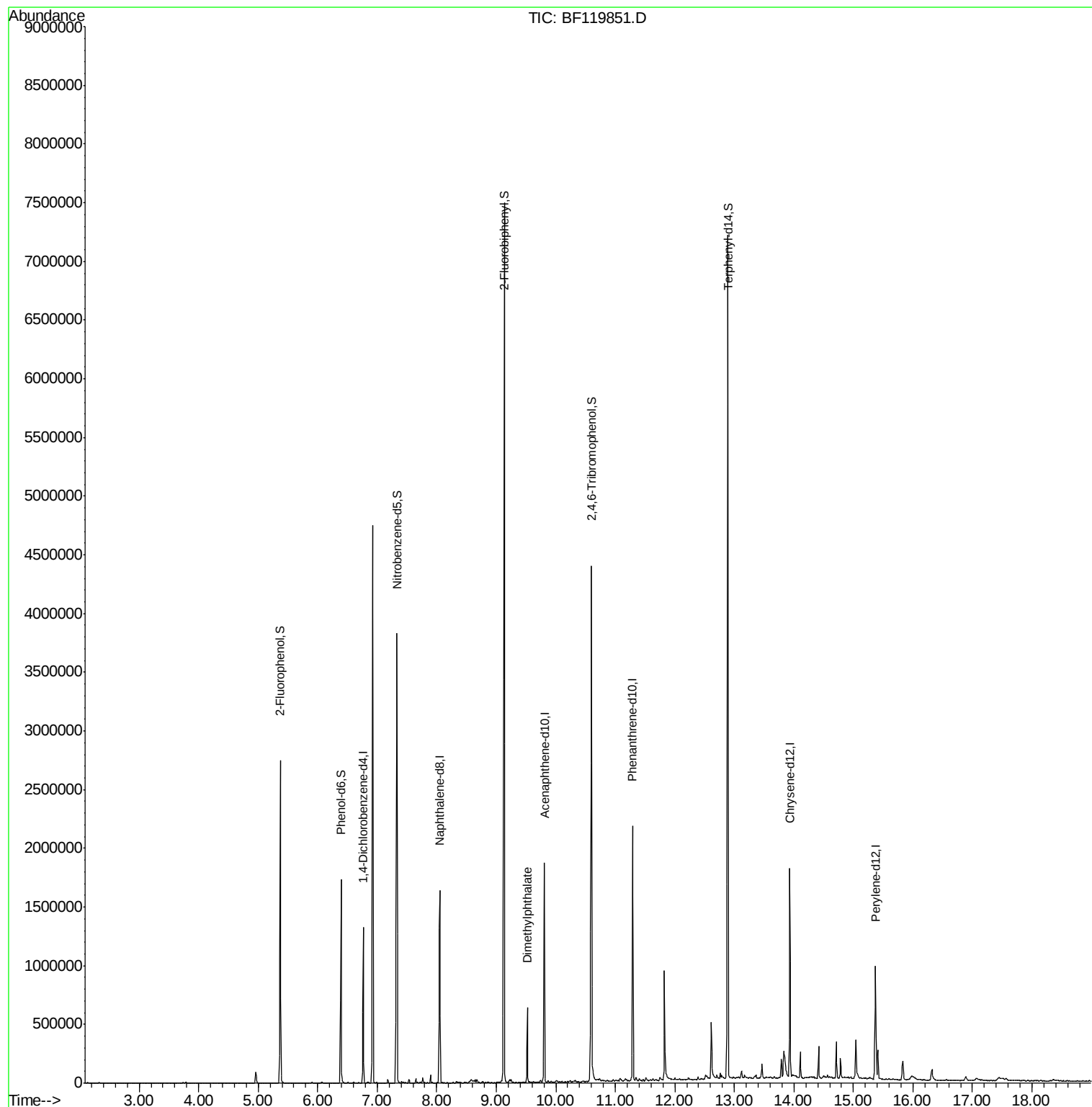
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	191500	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	745405	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	397286	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	766942	20.00	ng	0.00
76) Chrysene-d12	13.93	240	572619	20.00	ng	0.00
87) Perylene-d12	15.37	264	432633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	680313	61.39	ng	0.00
7) Phenol-d6	6.39	99	580915	40.68	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1382469	95.95	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	662658	136.23	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2639767	94.34	ng	0.00
79) Terphenyl-d14	12.89	244	2952573	86.76	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.52	163	218428	7.108	ng	Qvalue 100

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

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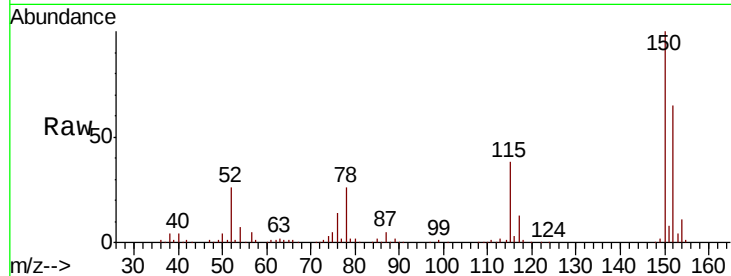


#1

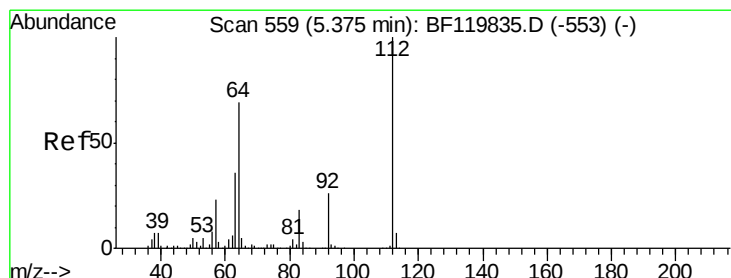
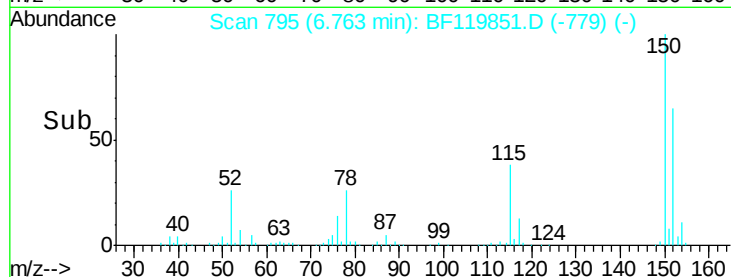
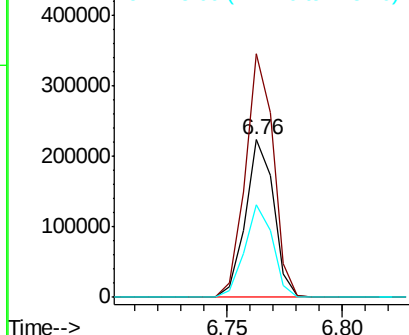
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119851.D
Acq: 9 Apr 2020 4:02

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Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.8	187.2
115	59.0	46.5	69.7



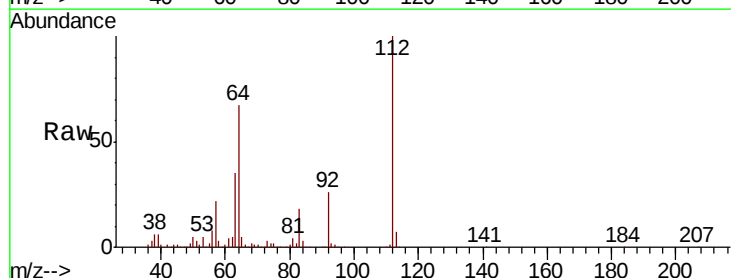
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



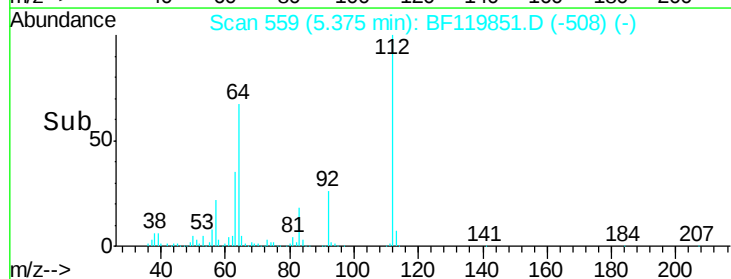
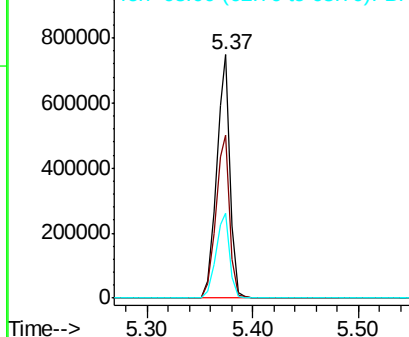
#5

2-Fluorophenol
Concen: 61.395 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF119851.D
Acq: 9 Apr 2020 4:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	55.5	83.3
63	34.9	29.1	43.7



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: 40.685 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119851.D

Acq: 9 Apr 2020 4:02

Instrument :

BNA_F

ClientSampleId :

MH-726

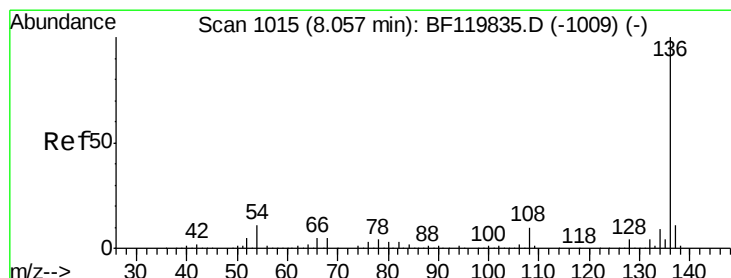
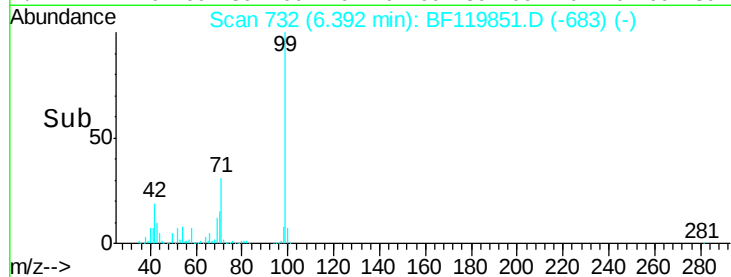
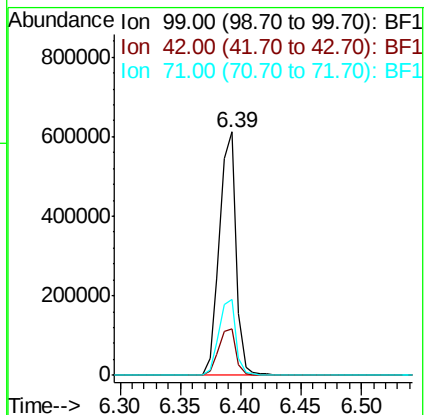
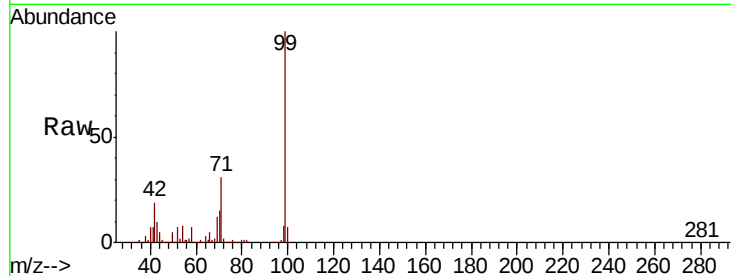
Tot Ion: 99 Resp: 580915

Ion Ratio Lower Upper

99 100

42 19.3 16.9 25.3

71 31.4 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: BF119851.D

Acq: 9 Apr 2020 4:02

Tgt Ion: 136 Resp: 745405

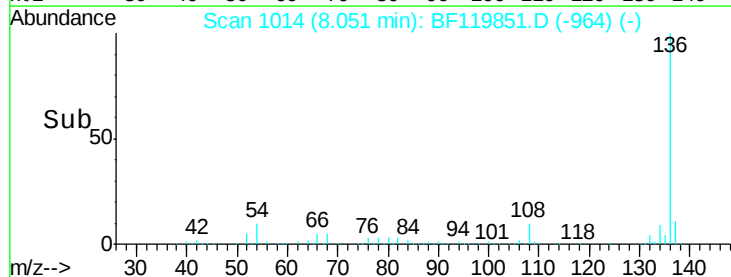
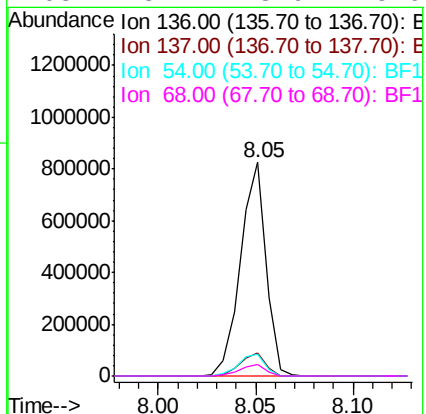
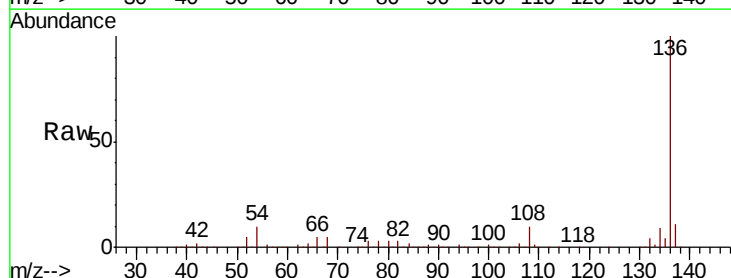
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.9 8.5 12.7

68 5.2 3.9 5.9

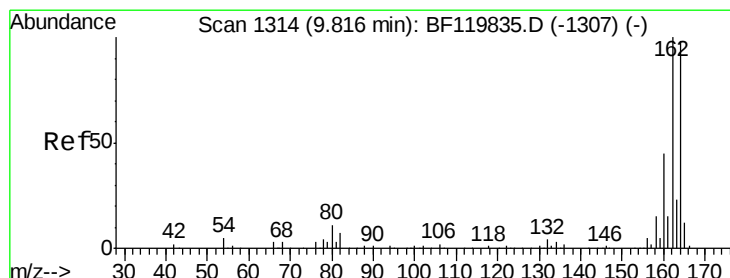
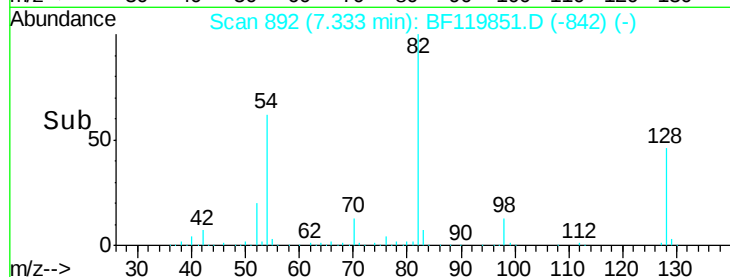
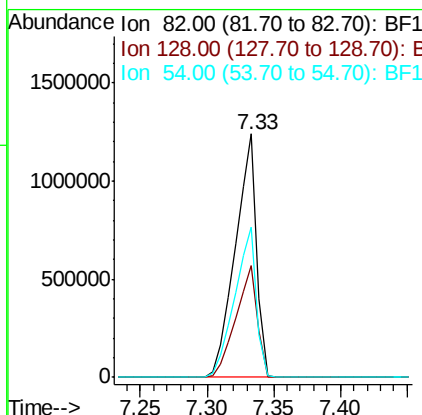
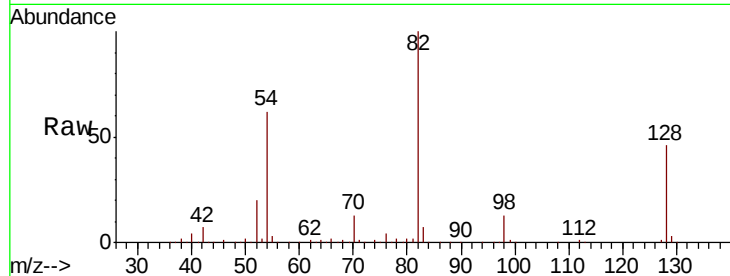




#23
Nitrobenzene-d5
Concen: 95.948 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119851.D
Acq: 9 Apr 2020 4:02

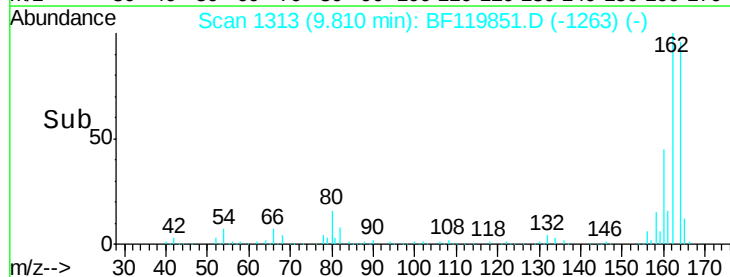
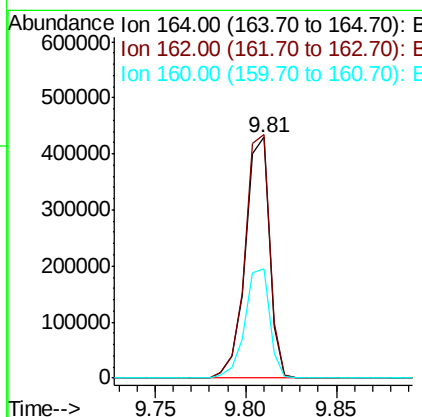
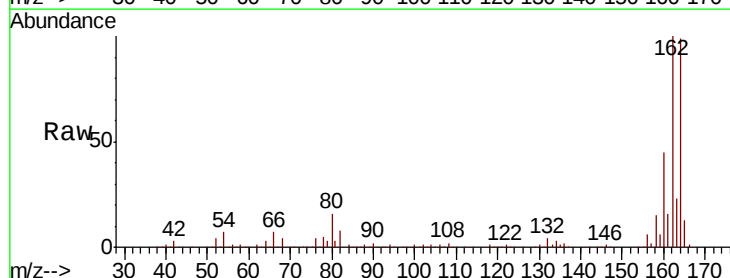
Instrument :
BNA_F
ClientSampleId :
MH-726

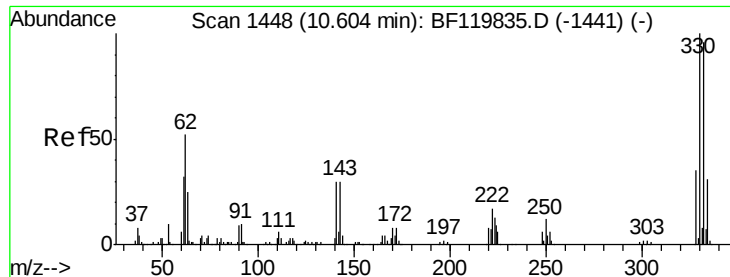
Tot Ion: 82 Resp: 1382469
Ion Ratio Lower Upper
82 100
128 46.0 36.2 54.4
54 61.8 50.4 75.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF119851.D
Acq: 9 Apr 2020 4:02

Tgt Ion:164 Resp: 397286
Ion Ratio Lower Upper
164 100
162 101.3 81.9 122.9
160 45.5 36.6 54.8

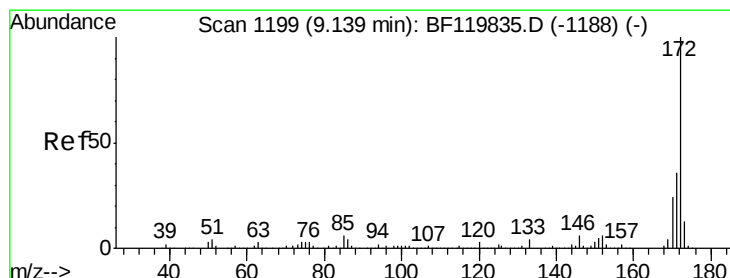
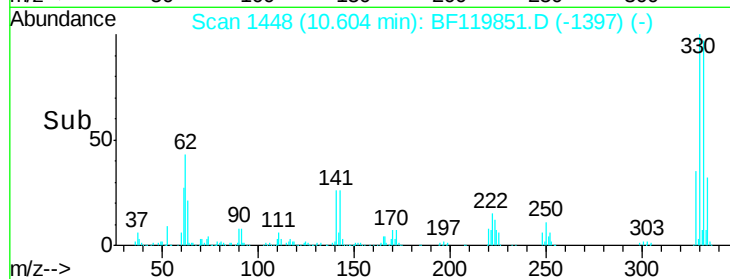
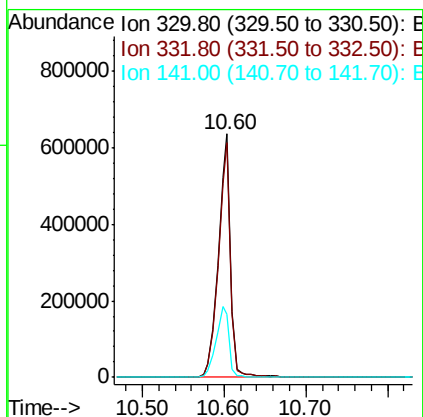
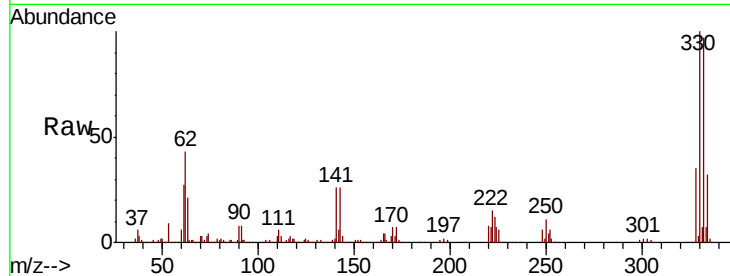




#42
 2,4,6-Tribromophenol
 Concen: 136.234 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF119851.D
 Acq: 9 Apr 2020 4:02

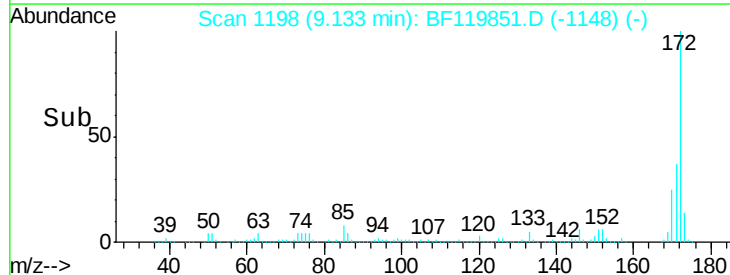
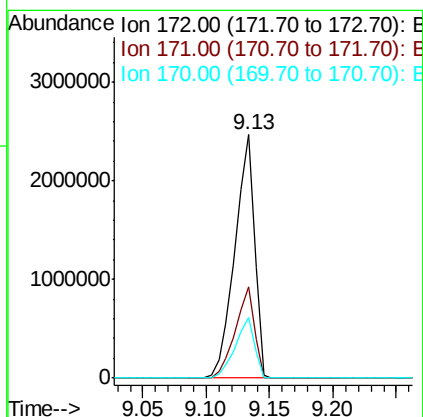
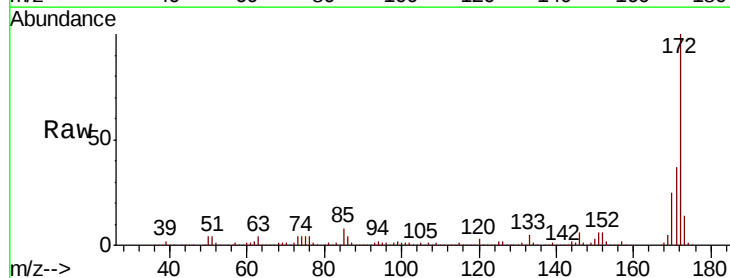
Instrument :
 BNA_F
 ClientSampleId :
 MH-726

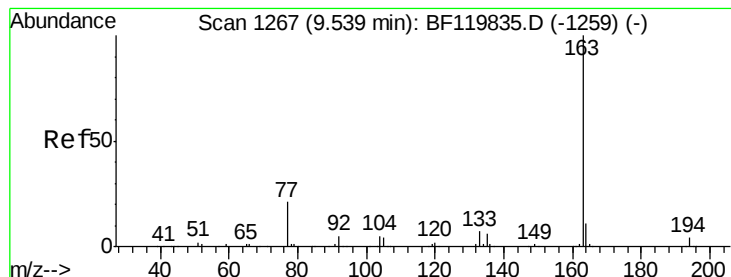
Tot Ion:330 Resp: 662658
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 31.2 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 94.337 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119851.D
 Acq: 9 Apr 2020 4:02

Tgt Ion:172 Resp: 2639767
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.9 43.3
 170 24.7 19.4 29.2





#50

Dimethylphthalate

Concen: 7.108 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF119851.D

Acq: 9 Apr 2020 4:02

Instrument :

BNA_F

ClientSampleId :

MH-726

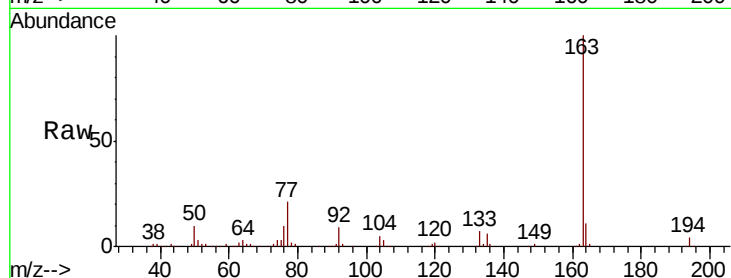
Tot Ion:163 Resp: 218428

Ion Ratio Lower Upper

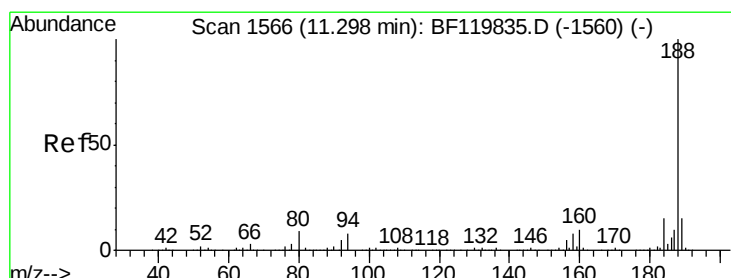
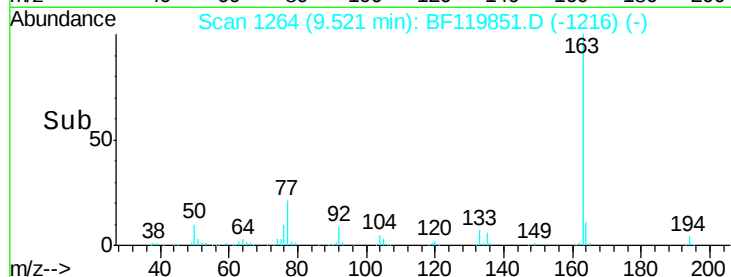
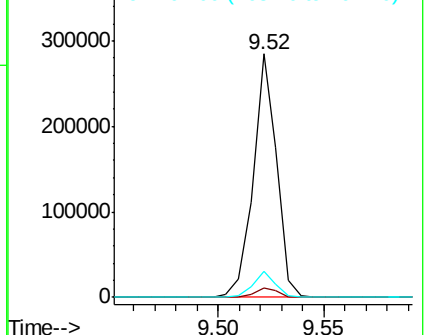
163 100

194 4.0 3.0 4.4

164 10.6 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: BF119851.D

Acq: 9 Apr 2020 4:02

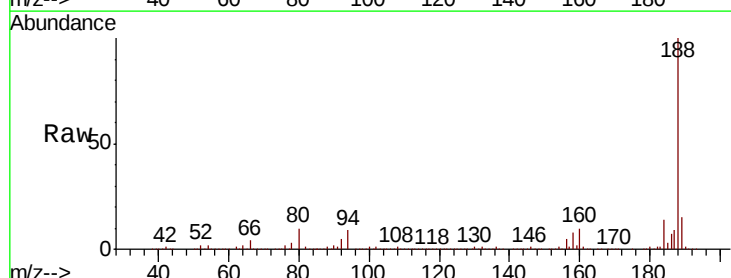
Tgt Ion:188 Resp: 766942

Ion Ratio Lower Upper

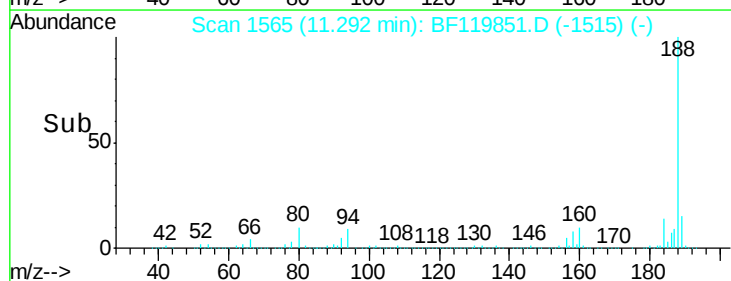
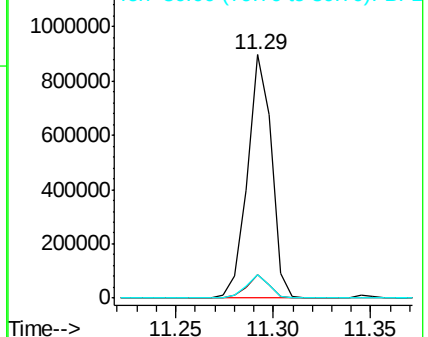
188 100

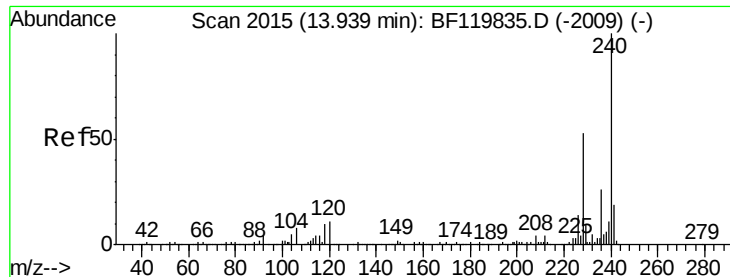
94 9.4 6.7 10.1

80 9.9 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: BF119851.D

Acq: 9 Apr 2020 4:02

Instrument :

BNA_F

ClientSampleId :

MH-726

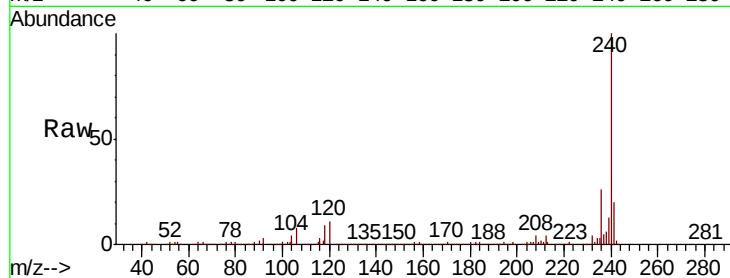
Tot Ion:240 Resp: 572619

Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.6

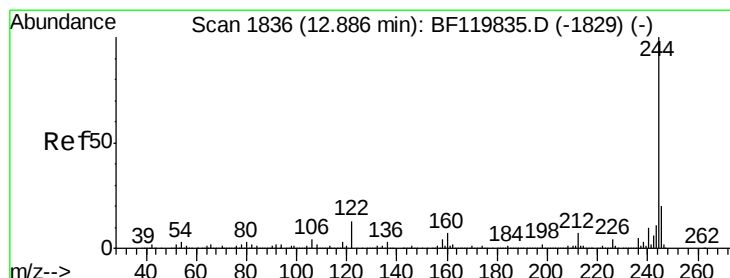
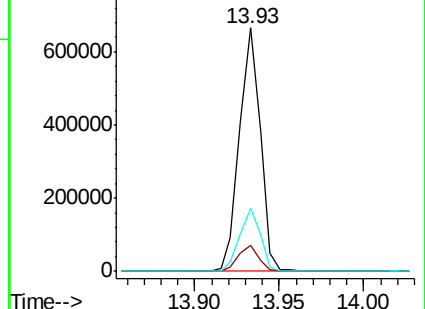
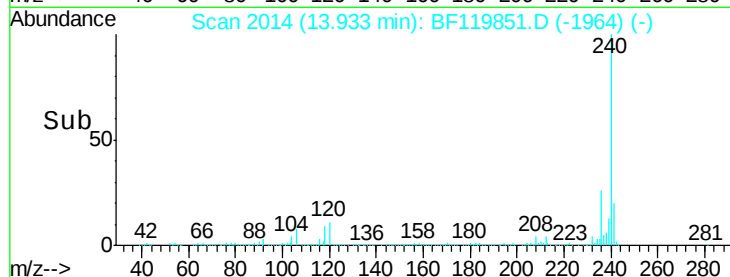
236 25.7 20.7 31.1



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



#79

Terphenyl-d14

Concen: 86.762 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119851.D

Acq: 9 Apr 2020 4:02

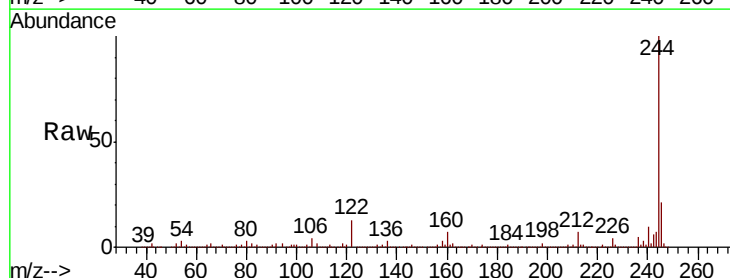
Tgt Ion:244 Resp: 2952573

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

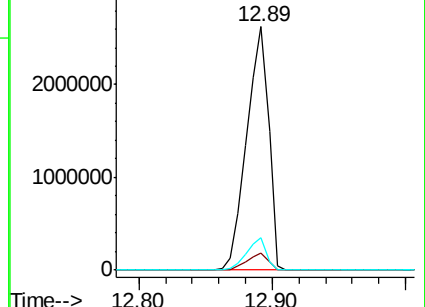
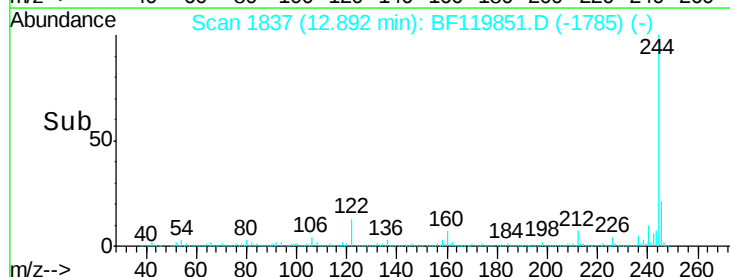
122 13.1 10.3 15.5

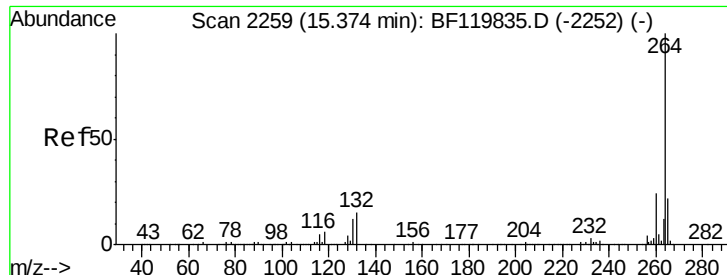


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

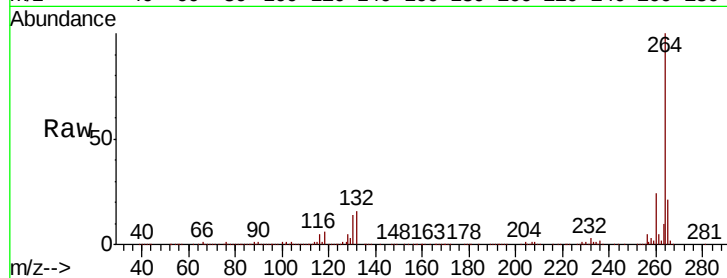




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF119851.D
Acq: 9 Apr 2020 4:02

Instrument :
BNA_F
ClientSampleId :
MH-726

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	20.8	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

