

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119865.D
 Acq On : 9 Apr 2020 10:21
 Operator : MA/SJ
 Sample : L2153-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11991

Quant Time: Apr 09 11:01:56 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

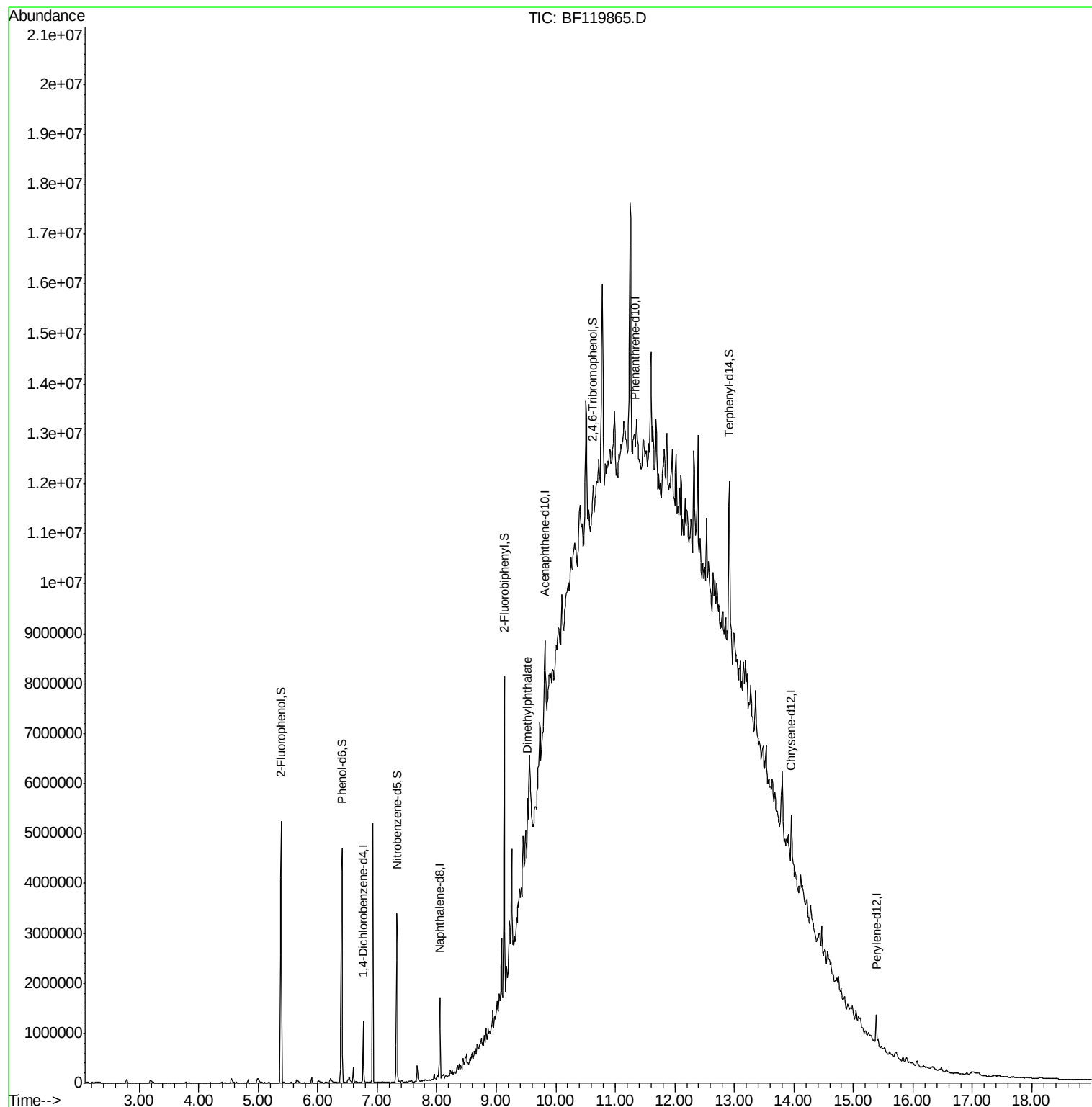
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	184455	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	652302	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	253386	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	326192	20.00	ng	0.04
76) Chrysene-d12	13.96	240	285143	20.00	ng	0.02
87) Perylene-d12	15.39	264	298911	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1449794	135.83	ng	0.01
7) Phenol-d6	6.41	99	1947283	141.59	ng	0.00
23) Nitrobenzene-d5	7.33	82	1261487	100.05	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	331998	107.02	ng	0.03
45) 2-Fluorobiphenyl	9.14	172	2085006	116.83	ng	0.00
79) Terphenyl-d14	12.92	244	1445414	85.30	ng	0.03
Target Compounds						
50) Dimethylphthalate	9.53	163	321003	16.379	ng	Qvalue # 93

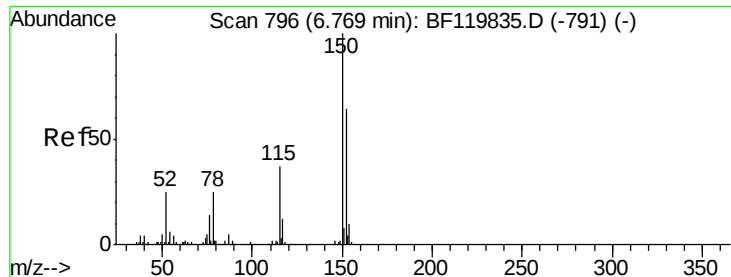
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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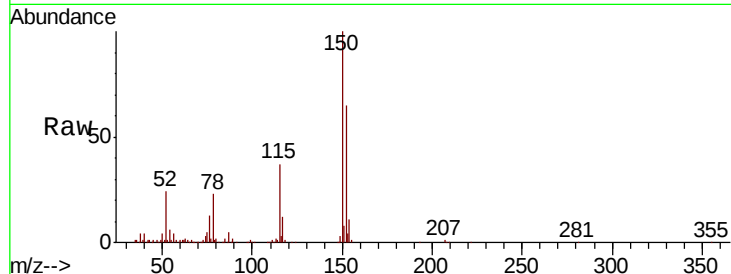


#1

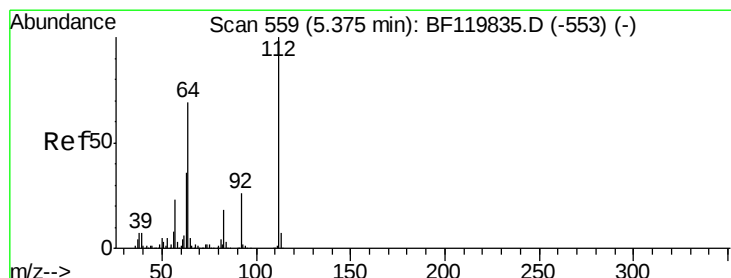
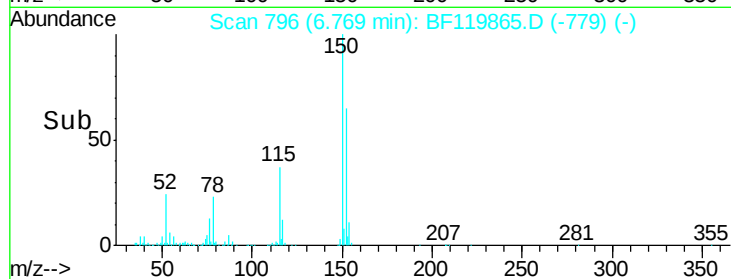
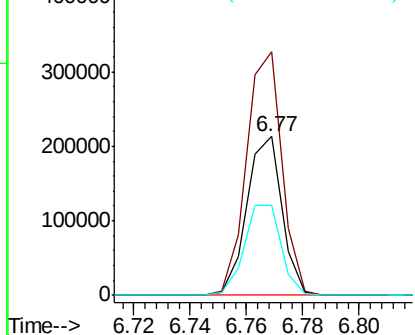
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF119865.D
Acq: 9 Apr 2020 10:21

Instrument :
BNA_F
ClientSampleId :
72-11991

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.8	187.2
115	56.6	46.5	69.7



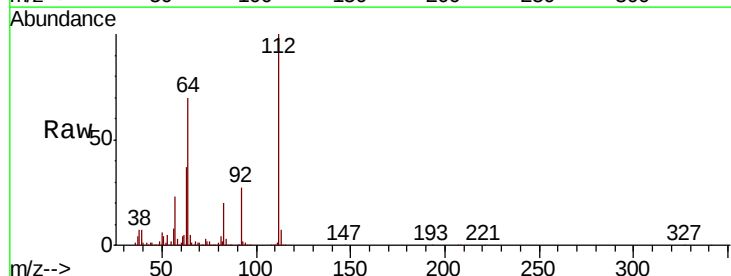
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



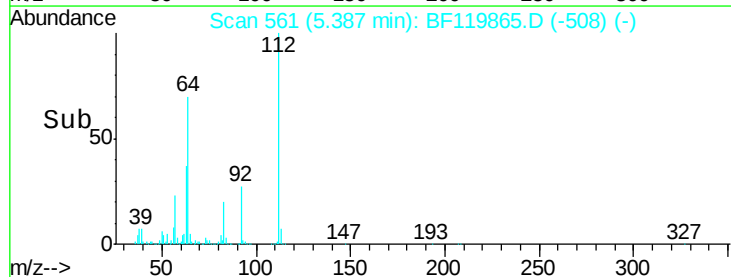
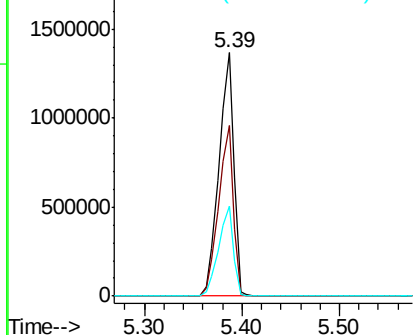
#5

2-Fluorophenol
Concen: 135.833 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119865.D
Acq: 9 Apr 2020 10:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	55.5	83.3
63	37.1	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: 141.588 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF119865.D

Acq: 9 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

72-11991

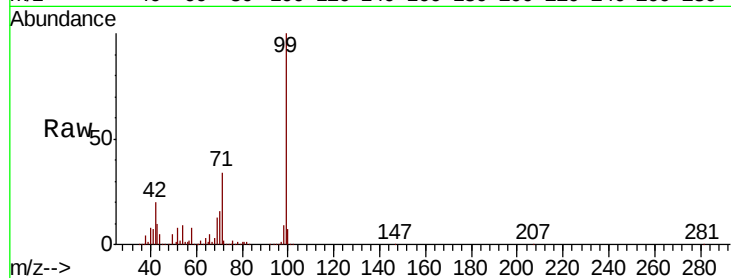
Tot Ion: 99 Resp: 1947283

Ion Ratio Lower Upper

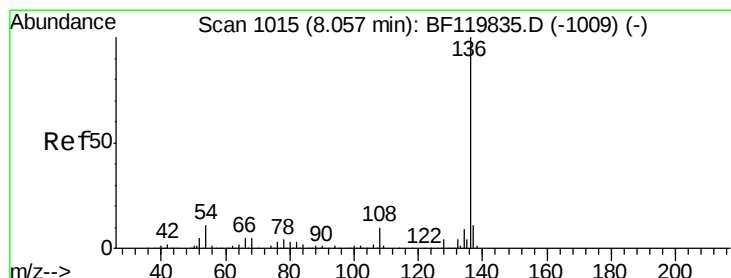
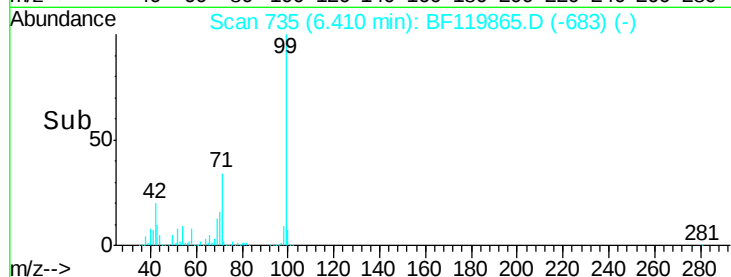
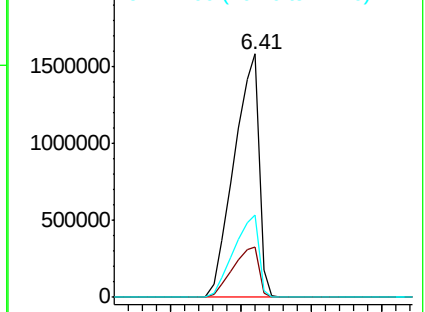
99 100

42 20.4 16.9 25.3

71 33.7 26.3 39.5



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: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF119865.D

Acq: 9 Apr 2020 10:21

Tgt Ion: 136 Resp: 652302

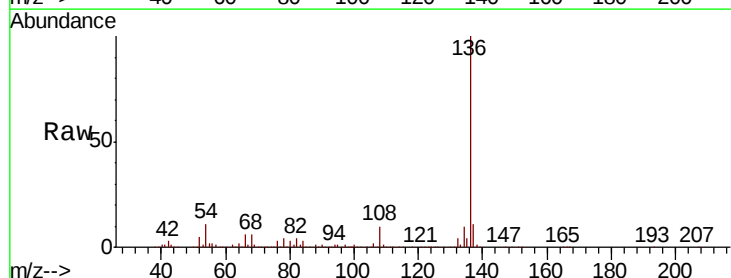
Ion Ratio Lower Upper

136 100

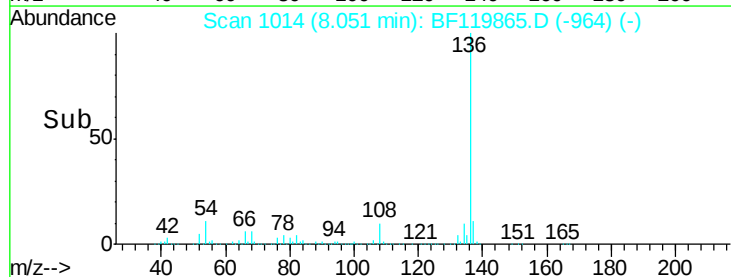
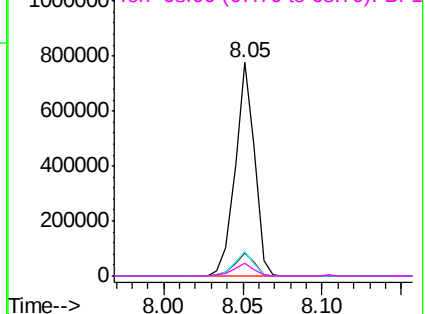
137 11.1 8.7 13.1

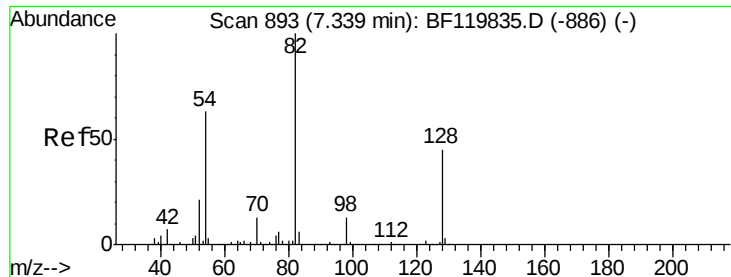
54 11.1 8.5 12.7

68 5.8 3.9 5.9



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

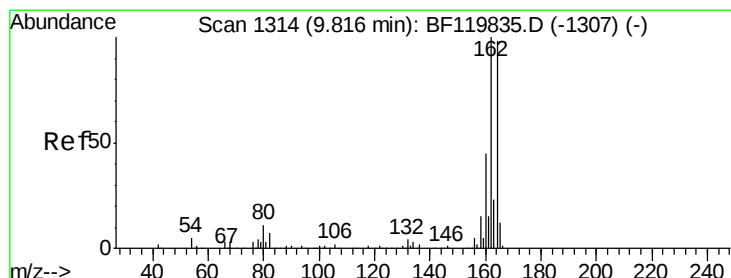
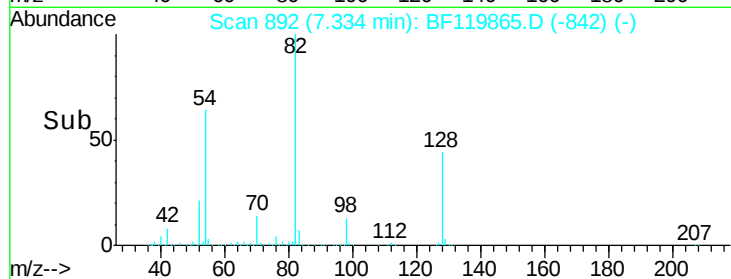
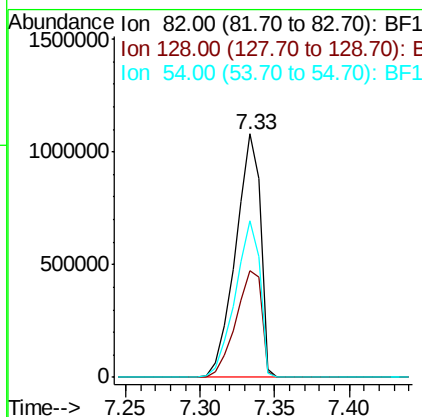
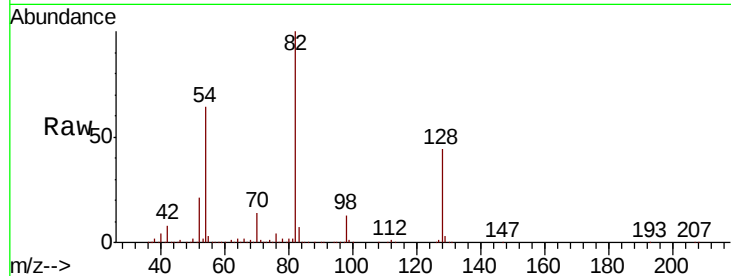




#23
Nitrobenzene-d5
Concen: 100.048 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119865.D
Acq: 9 Apr 2020 10:21

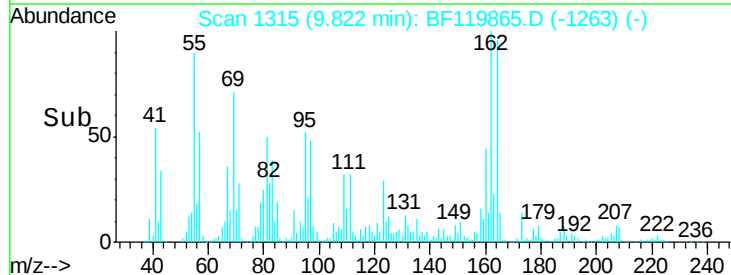
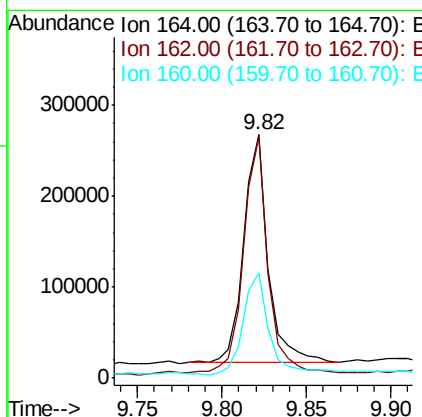
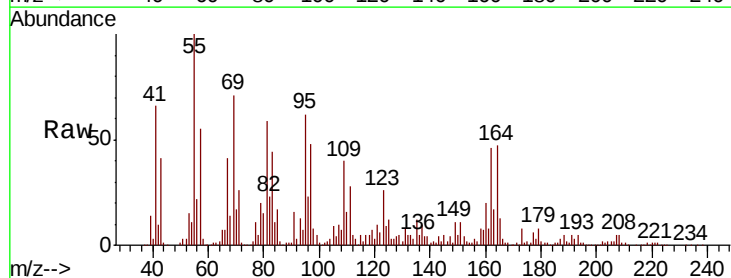
Instrument :
BNA_F
ClientSampleId :
72-11991

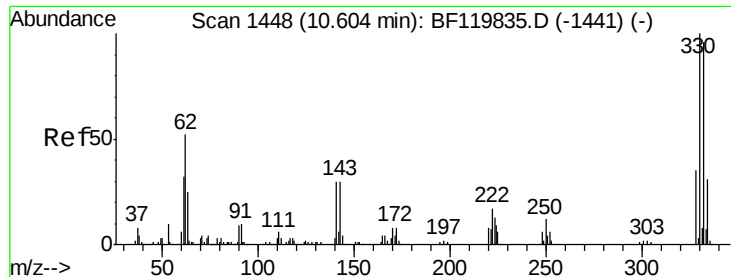
Tot Ion: 82 Resp: 1261487
Ion Ratio Lower Upper
82 100
128 43.9 36.2 54.4
54 64.3 50.4 75.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF119865.D
Acq: 9 Apr 2020 10:21

Tgt Ion:164 Resp: 253386
Ion Ratio Lower Upper
164 100
162 98.9 81.9 122.9
160 43.3 36.6 54.8

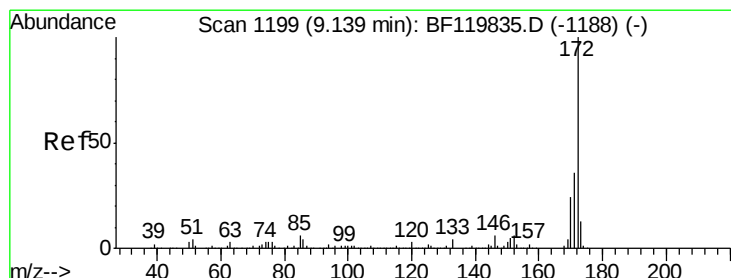
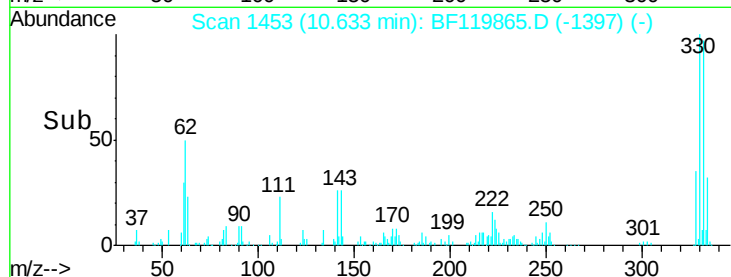
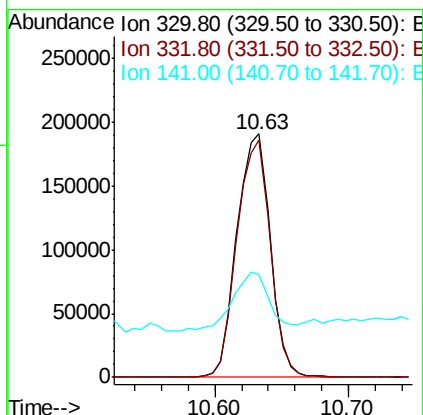
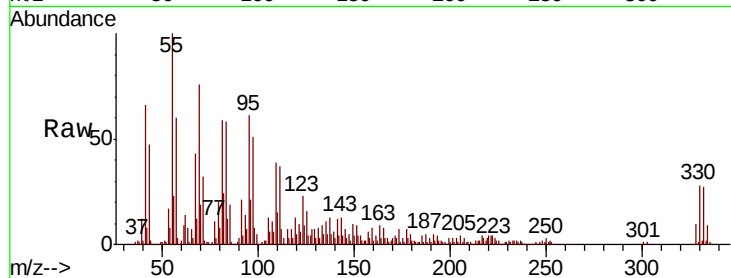




#42
 2,4,6-Tribromophenol
 Concen: 107.017 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.03 min
 Lab File: BF119865.D
 Acq: 9 Apr 2020 10:21

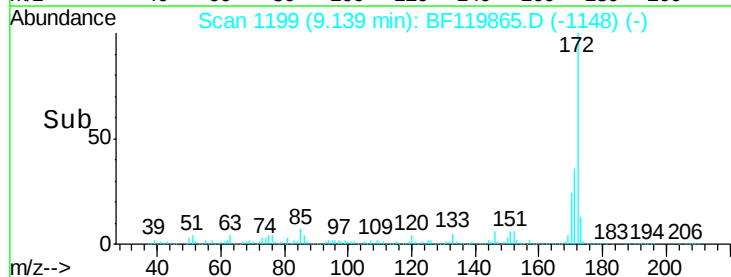
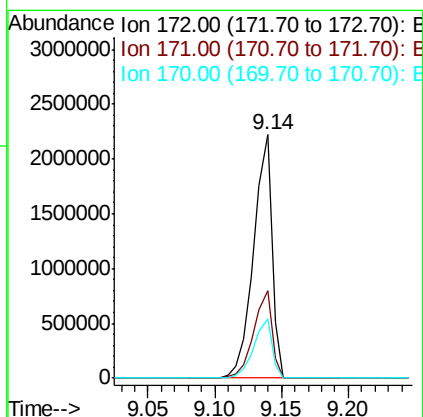
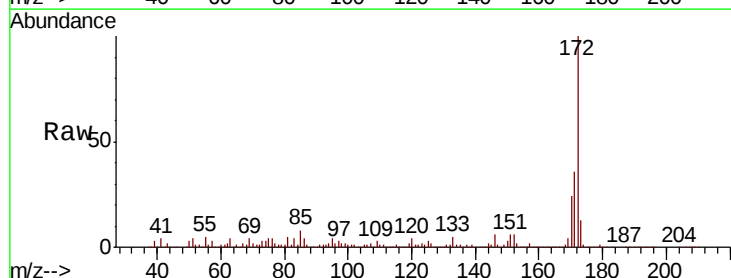
Instrument :
 BNA_F
 ClientSampled :
 72-11991

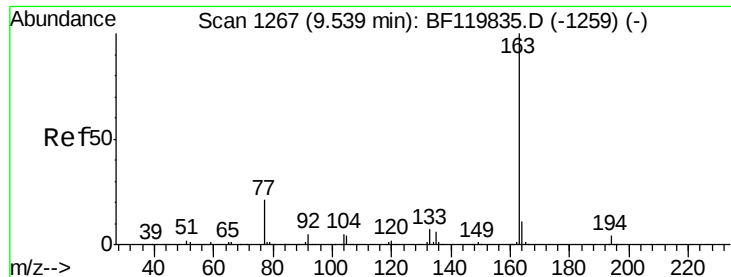
Tot Ion:330 Resp: 331998
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.8 115.2
 141 26.3 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 116.828 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF119865.D
 Acq: 9 Apr 2020 10:21

Tgt Ion:172 Resp: 2085006
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 24.4 19.4 29.2

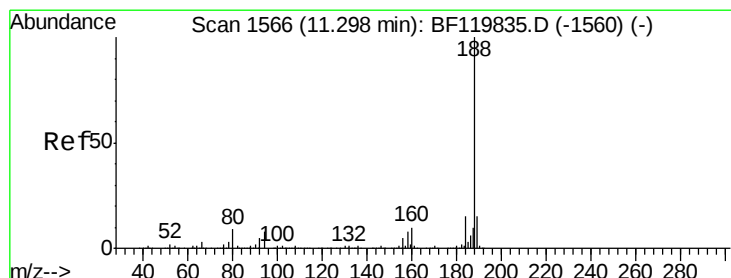
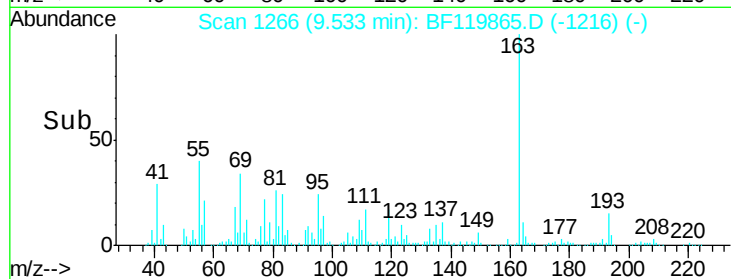
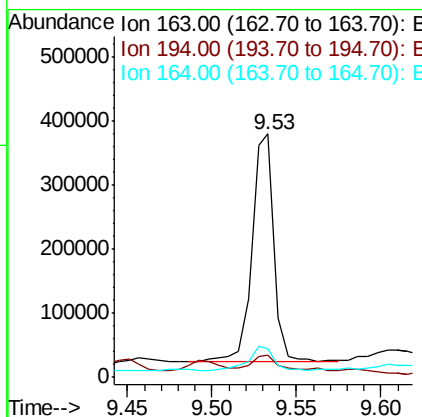
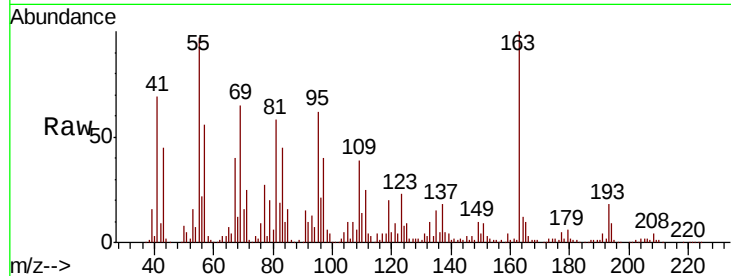




#50
Dimethylphthalate
Concen: 16.379 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF119865.D
Acq: 9 Apr 2020 10:21

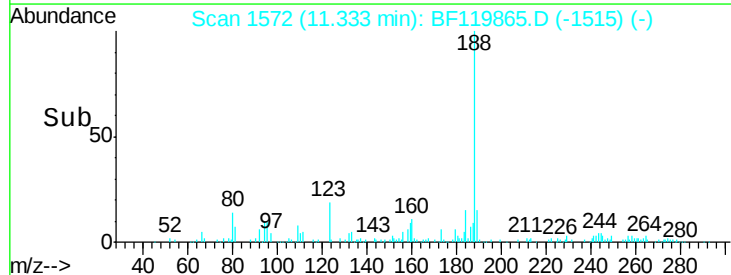
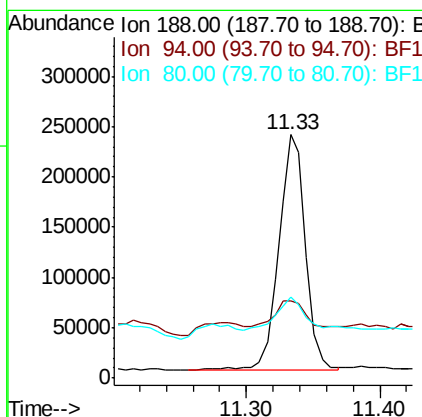
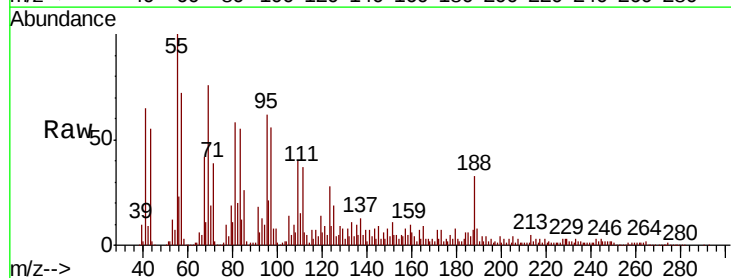
Instrument :
BNA_F
ClientSampleId :
72-11991

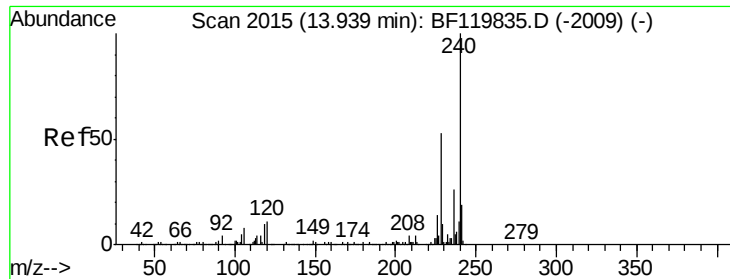
Tot Ion:163 Resp: 321003
Ion Ratio Lower Upper
163 100
194 9.2 3.0 4.4#
164 11.7 8.4 12.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.04 min
Lab File: BF119865.D
Acq: 9 Apr 2020 10:21

Tgt Ion:188 Resp: 326192
Ion Ratio Lower Upper
188 100
94 31.6 6.7 10.1#
80 33.2 7.4 11.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.02 min

Lab File: BF119865.D

Acq: 9 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

72-11991

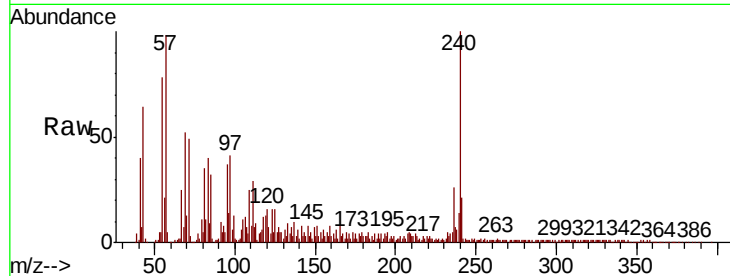
Tot Ion:240 Resp: 285143

Ion Ratio Lower Upper

240 100

120 16.4 9.0 13.6#

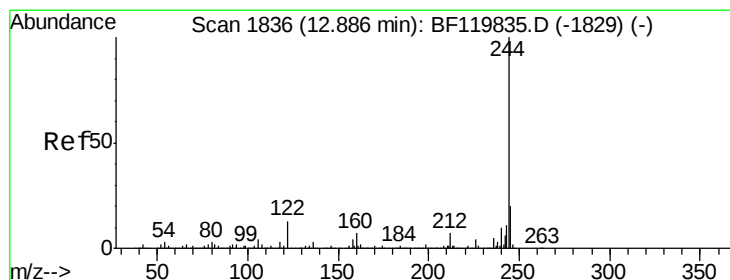
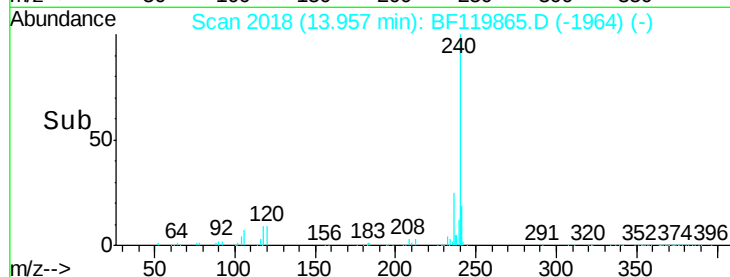
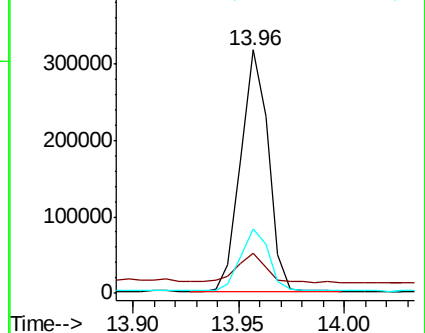
236 26.2 20.7 31.1



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: 85.295 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.03 min

Lab File: BF119865.D

Acq: 9 Apr 2020 10:21

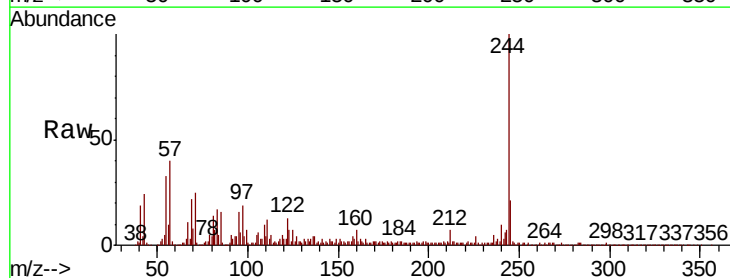
Tgt Ion:244 Resp: 1445414

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

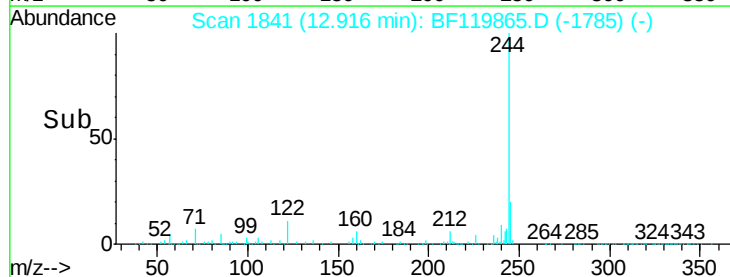
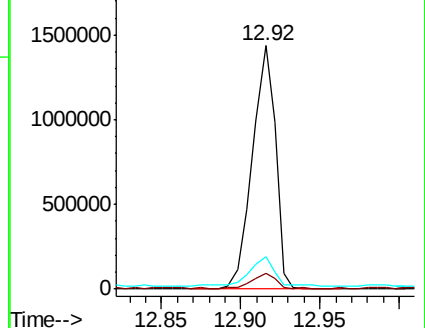
122 13.1 10.3 15.5

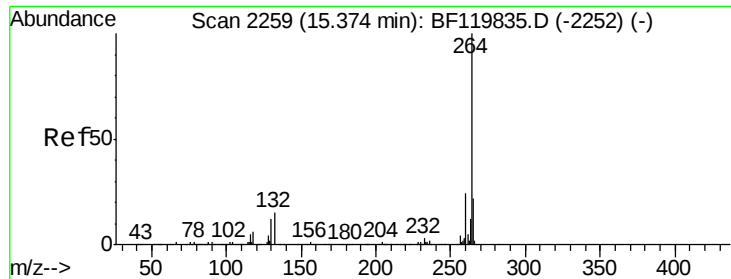


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

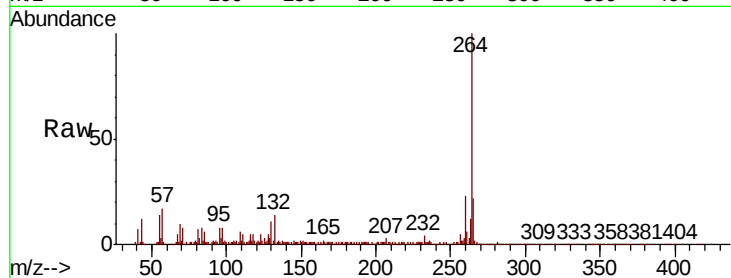




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2261
 Delta R.T. 0.01 min
 Lab File: BF119865.D
 Acq: 9 Apr 2020 10:21

Instrument :
 BNA_F
 ClientSampleId :
 72-11991

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.3	28.9
265	22.0	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

