

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119365.D
 Acq On : 12 Mar 2020 00:39
 Operator : CG/JU
 Sample : L1874-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1

Quant Time: Mar 12 07:54:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

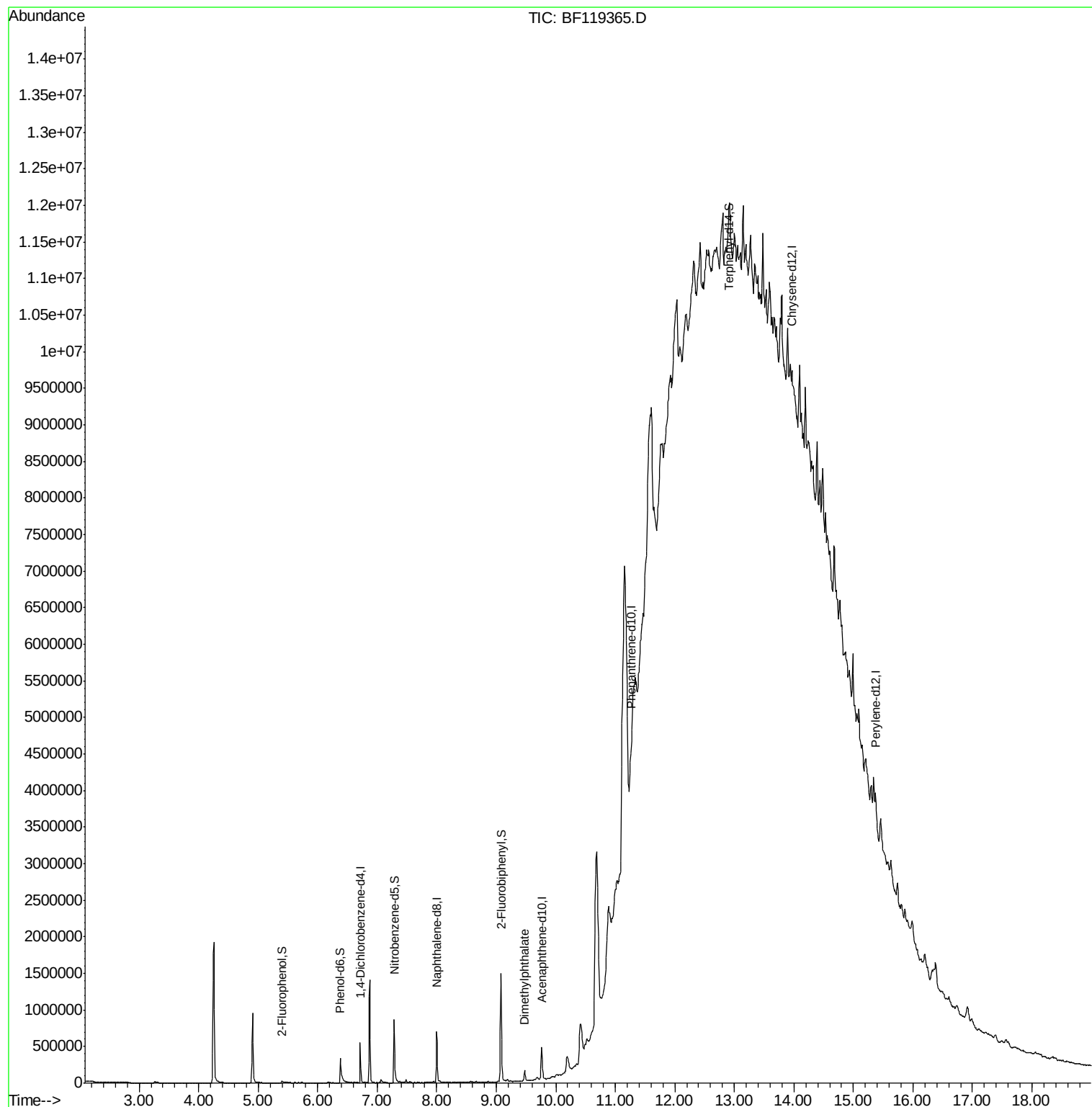
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	93046	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	350122	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	172822	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	212481	20.00	ng	0.01
76) Chrysene-d12	13.97	240	153216	20.00	ng	0.08
87) Perylene-d12	15.37	264	223857	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	32305	5.80	ng	0.05
7) Phenol-d6	6.38	99	230228	34.00	ng	0.00
23) Nitrobenzene-d5	7.29	82	350399	52.84	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	3166	1.40	ng	0.04
45) 2-Fluorobiphenyl	9.08	172	706277	60.20	ng	0.00
79) Terphenyl-d14	12.91	244	387133	43.50	ng	0.08
Target Compounds						
50) Dimethylphthalate	9.48	163	85105	6.440	ng	Qvalue 97

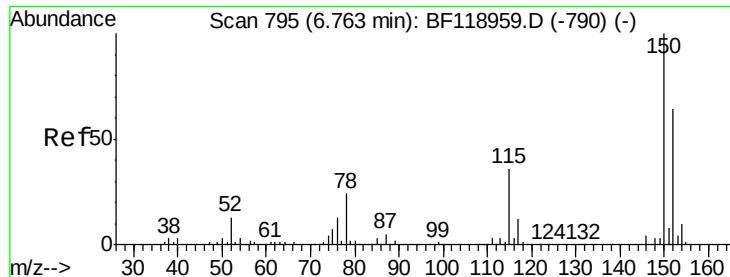
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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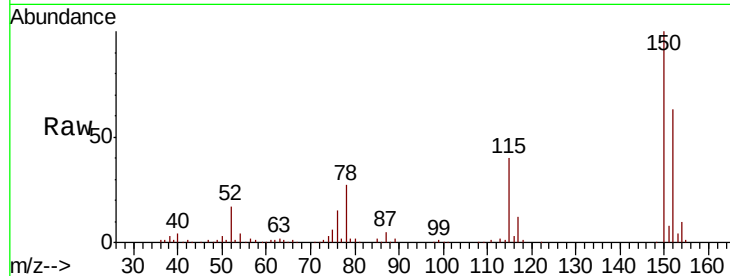


#1

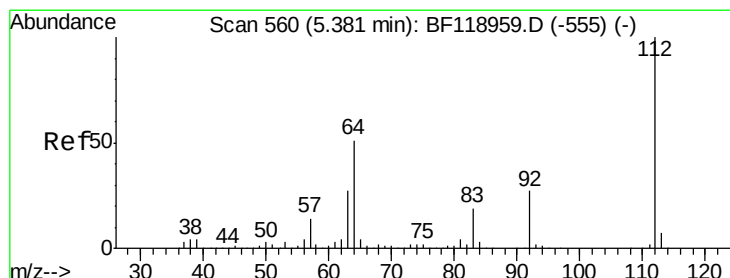
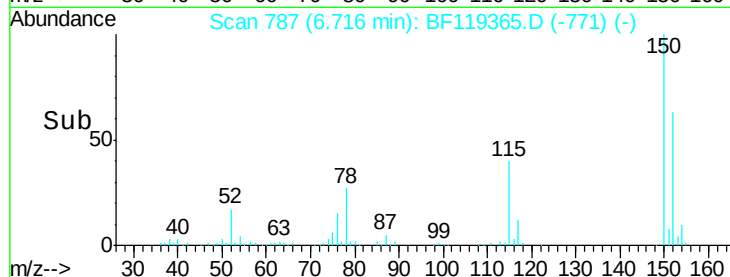
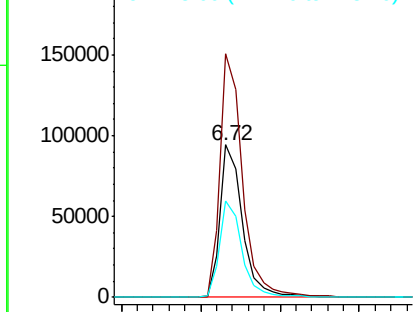
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF119365.D
Acq: 12 Mar 2020 00:39

Instrument :
BNA_F
ClientSampleId :
C-1

Tot Ion:152 Resp: 93046
Ion Ratio Lower Upper
152 100
150 159.7 123.0 184.6
115 63.4 49.5 74.3



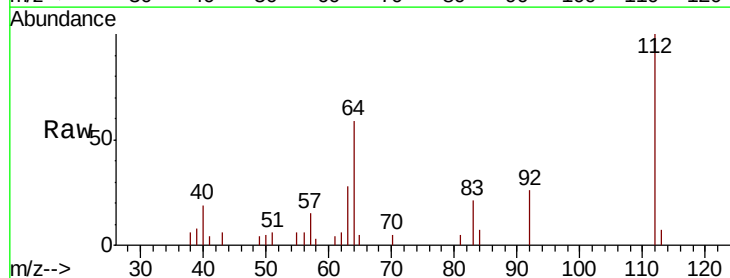
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



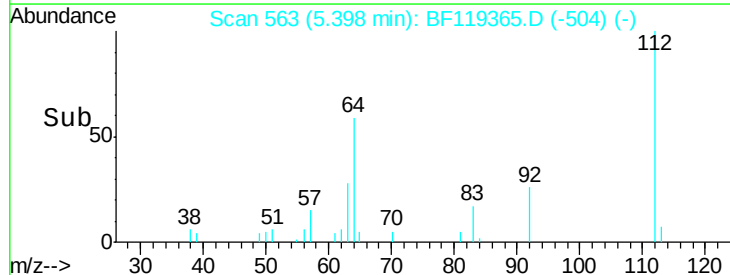
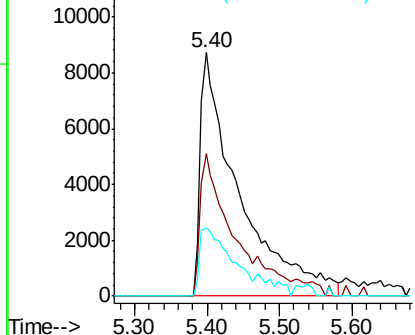
#5

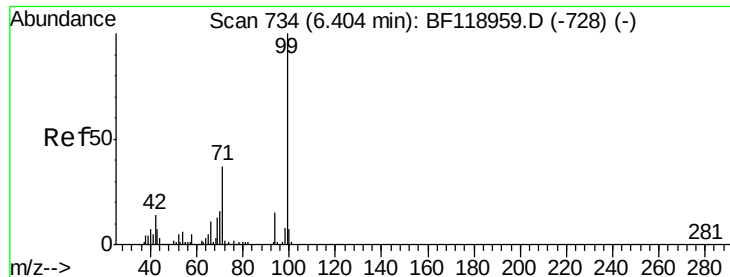
2-Fluorophenol
Concen: 5.802 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.05 min
Lab File: BF119365.D
Acq: 12 Mar 2020 00:39

Tgt Ion:112 Resp: 32305
Ion Ratio Lower Upper
112 100
64 58.8 45.0 67.4
63 28.0 24.2 36.4



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: 34.000 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119365.D

Acq: 12 Mar 2020 00:39

Instrument :

BNA_F

ClientSampleId :

C-1

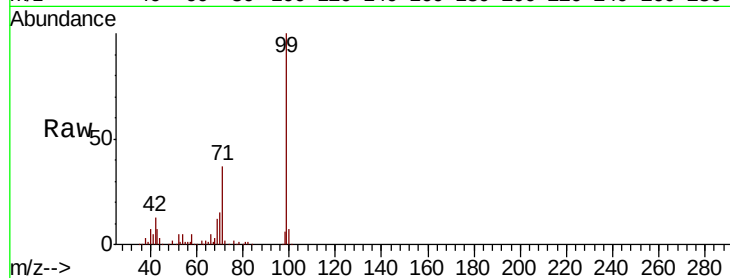
Tot Ion: 99 Resp: 230228

Ion Ratio Lower Upper

99 100

42 13.3 12.6 18.8

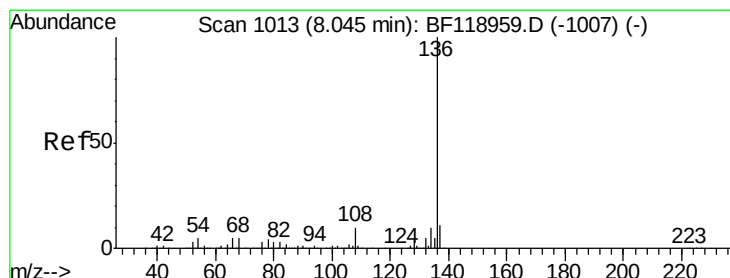
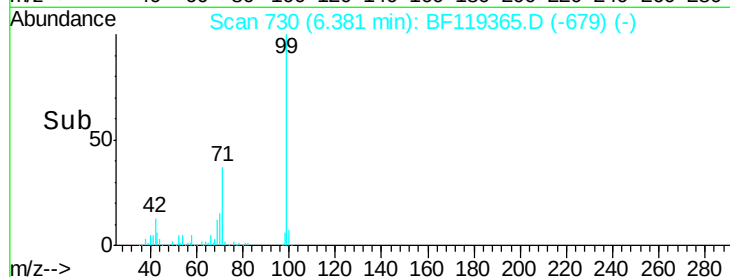
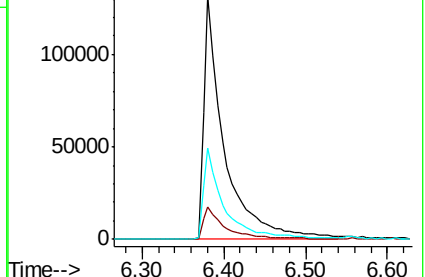
71 37.4 31.0 46.4



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: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF119365.D

Acq: 12 Mar 2020 00:39

Tgt Ion: 136 Resp: 350122

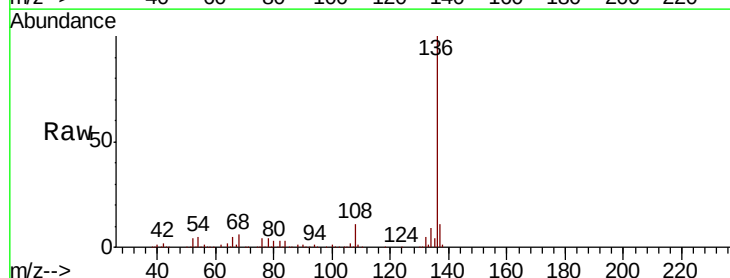
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 5.4 3.8 5.6

68 5.6 3.9 5.9

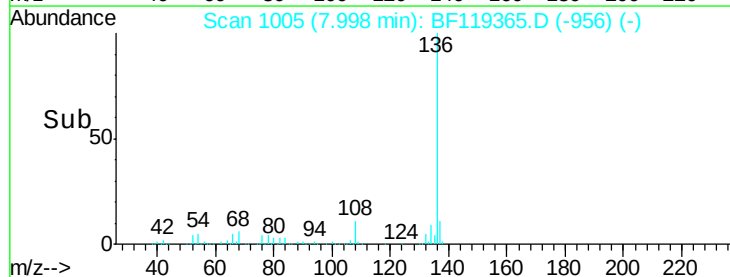
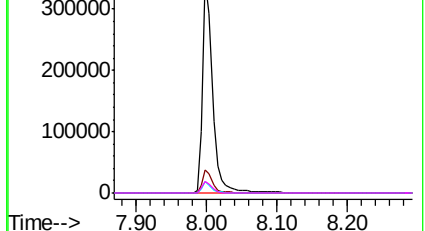


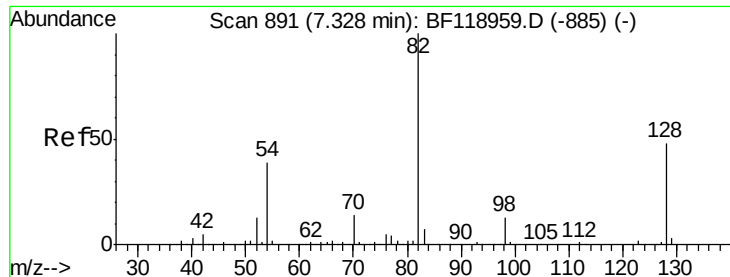
Abundance Ion 136.00 (135.70 to 136.70): E

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

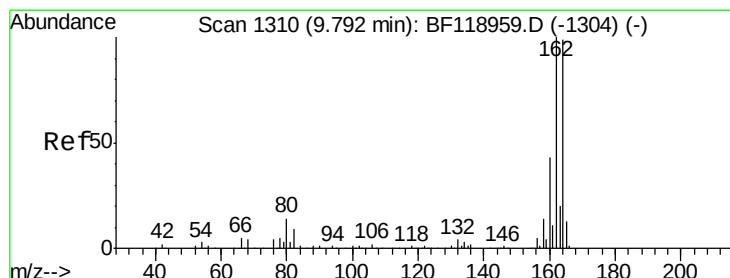
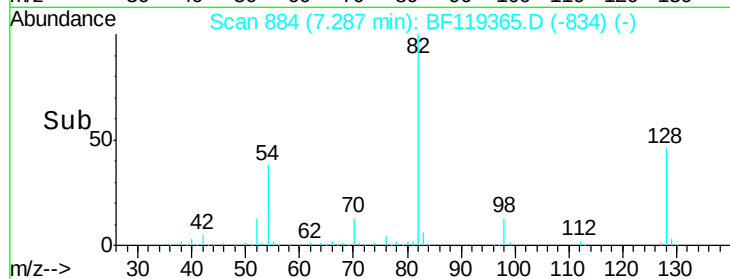
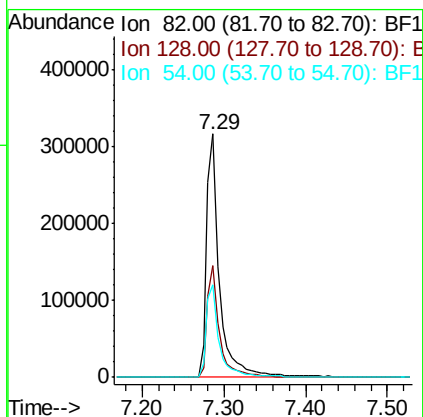
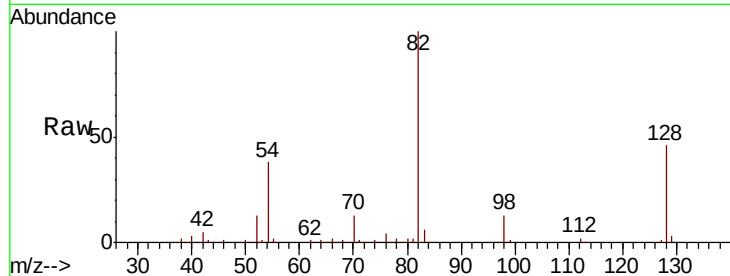




#23
Nitrobenzene-d5
Concen: 52.842 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF119365.D
Acq: 12 Mar 2020 00:39

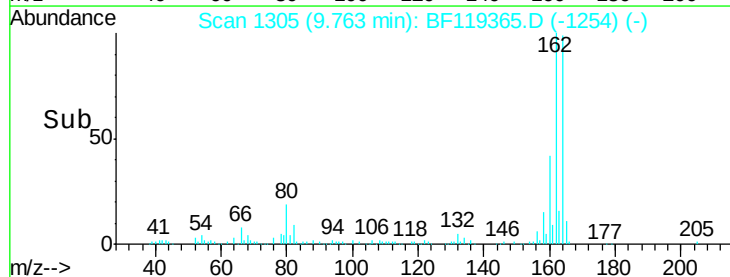
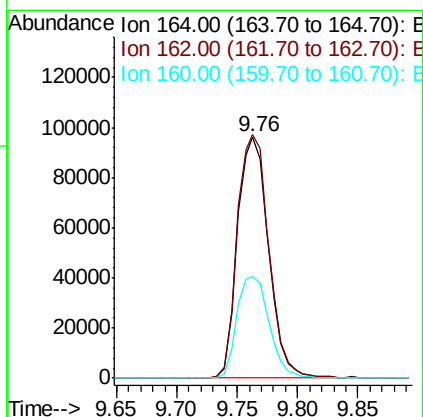
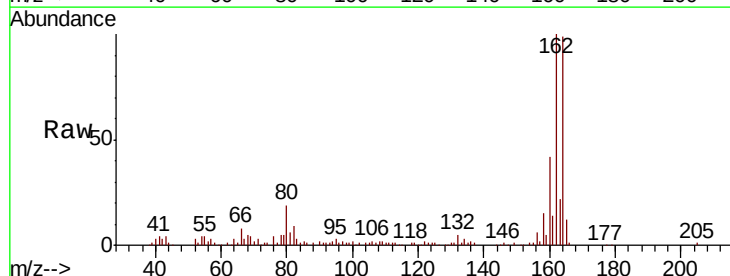
Instrument :
BNA_F
ClientSampled :
C-1

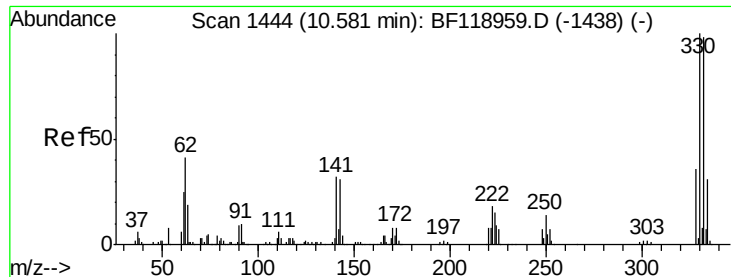
Tot Ion	82	Resp	350399
Ion Ratio	Lower	Upper	
82	100		
128	45.8	37.9	56.9
54	37.8	33.4	50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF119365.D
Acq: 12 Mar 2020 00:39

Tgt Ion	164	Resp	172822
Ion Ratio	Lower	Upper	
164	100		
162	100.8	81.8	122.8
160	42.2	36.0	54.0

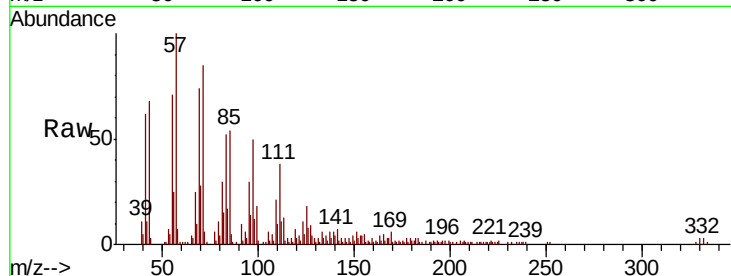




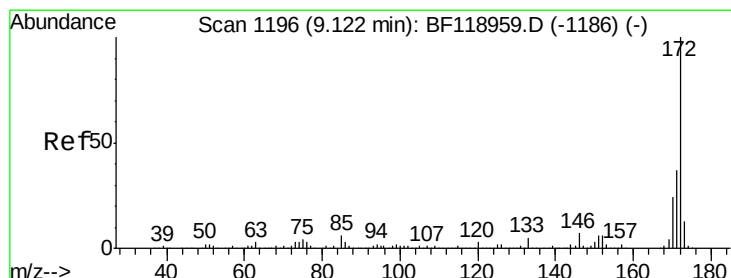
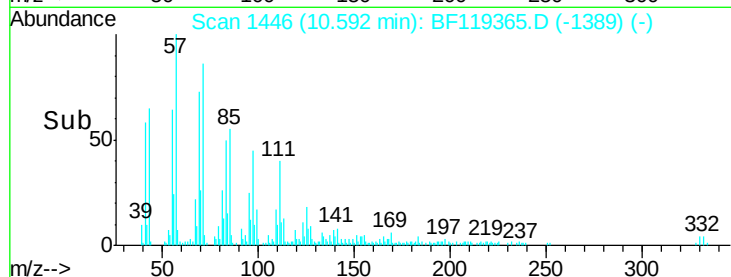
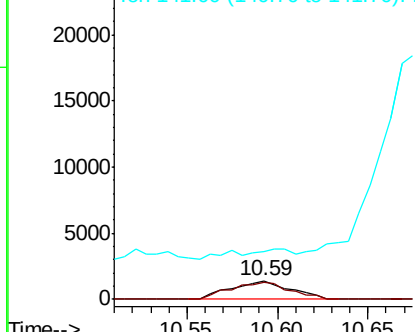
#42
 2,4,6-Tribromophenol
 Concen: 1.400 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.04 min
 Lab File: BF119365.D
 Acq: 12 Mar 2020 00:39

Instrument :
 BNA_F
 ClientSampled :
 C-1

Tot Ion:330 Resp: 3166
 Ion Ratio Lower Upper
 330 100
 332 93.8 76.0 114.0
 141 0.0 22.9 34.3#

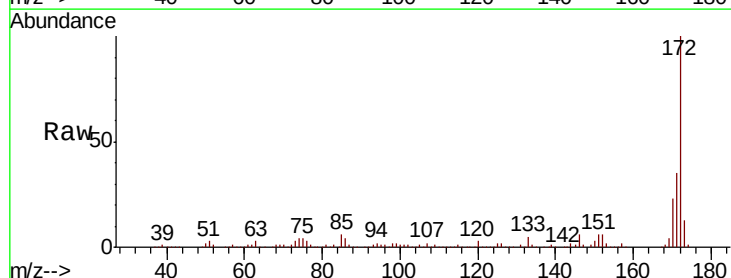


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

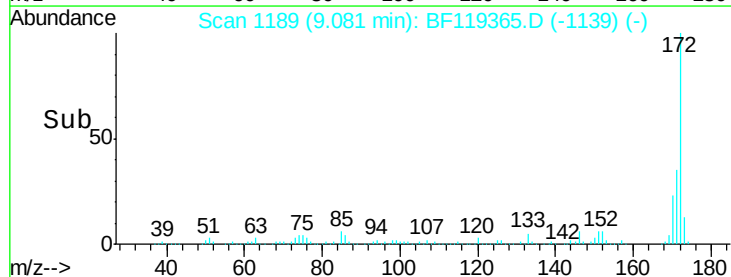
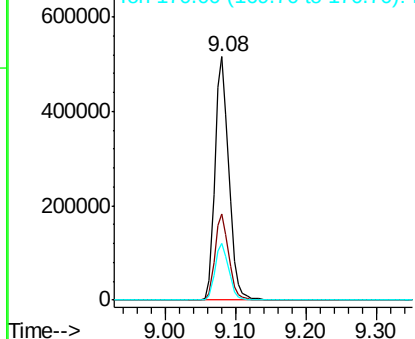


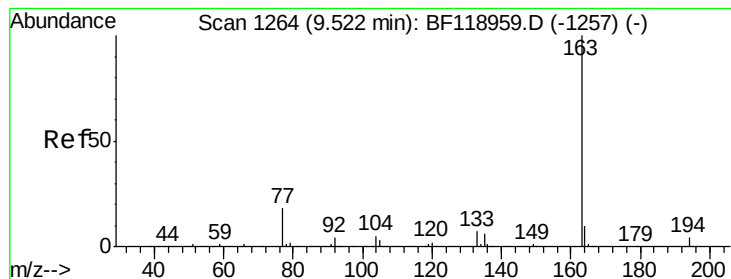
#45
 2-Fluorobiphenyl
 Concen: 60.205 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119365.D
 Acq: 12 Mar 2020 00:39

Tgt Ion:172 Resp: 706277
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.6 45.8
 170 23.2 20.2 30.2



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





#50

Dimethylphthalate

Concen: 6.440 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF119365.D

Acq: 12 Mar 2020 00:39

Instrument :

BNA_F

ClientSampleId :

C-1

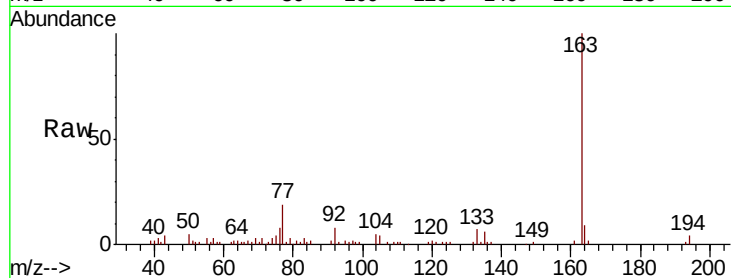
Tot Ion:163 Resp: 85105

Ion Ratio Lower Upper

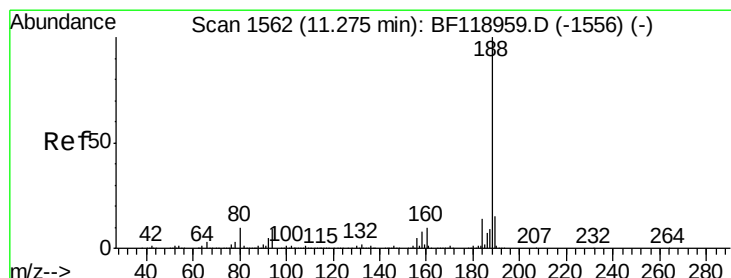
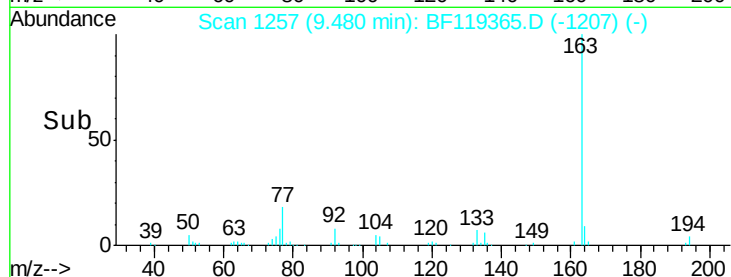
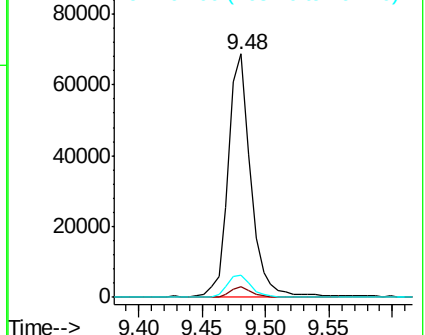
163 100

194 4.5 3.5 5.3

164 9.1 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: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF119365.D

Acq: 12 Mar 2020 00:39

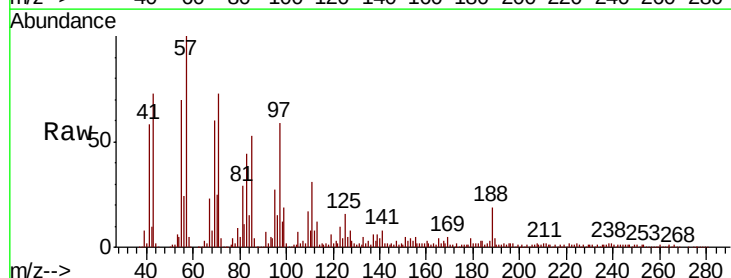
Tgt Ion:188 Resp: 212481

Ion Ratio Lower Upper

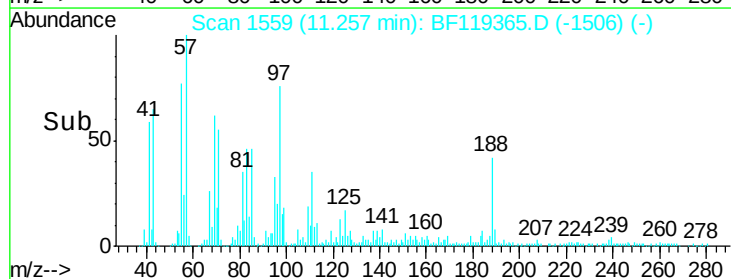
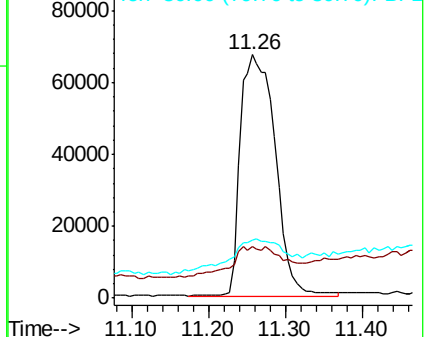
188 100

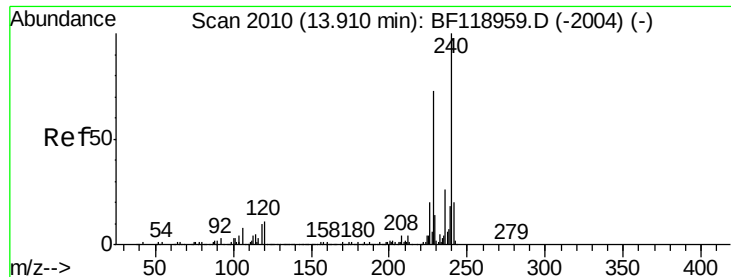
94 21.3 7.1 10.7#

80 23.7 7.8 11.8#



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: 13.97 min Scan# 2020

Delta R.T. 0.08 min

Lab File: BF119365.D

Acq: 12 Mar 2020 00:39

Instrument :

BNA_F

ClientSampleId :

C-1

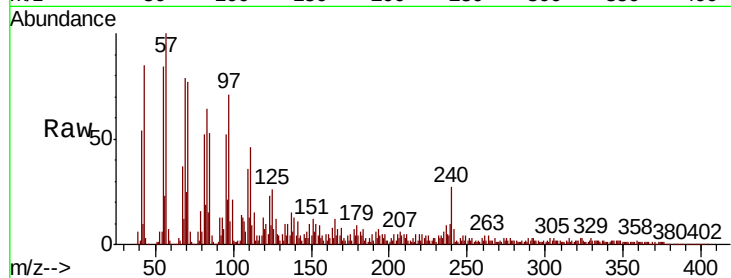
Tot Ion:240 Resp: 153216

Ion Ratio Lower Upper

240 100

120 25.7 8.4 12.6#

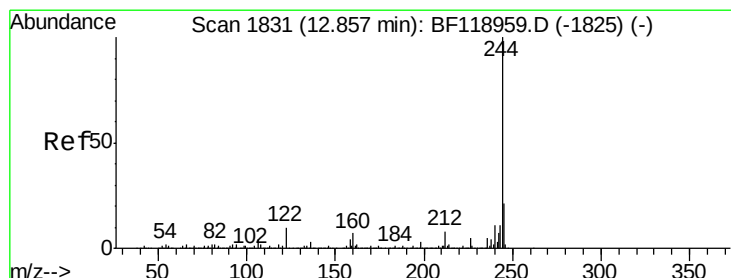
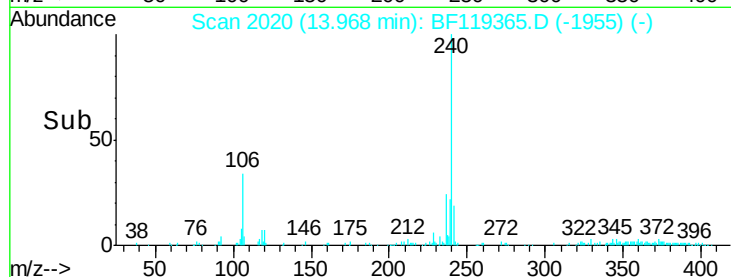
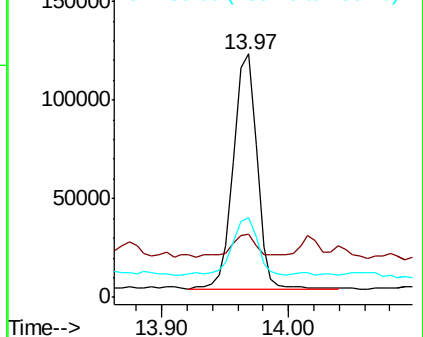
236 33.0 21.0 31.4#



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: 43.502 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.08 min

Lab File: BF119365.D

Acq: 12 Mar 2020 00:39

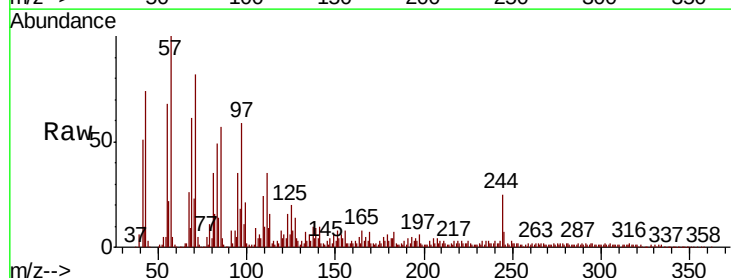
Tgt Ion:244 Resp: 387133

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

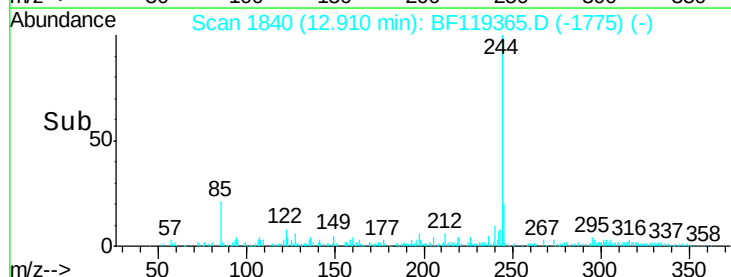
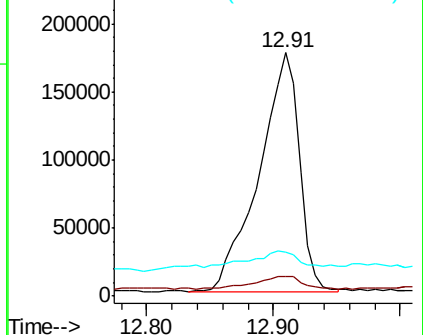
122 18.1 8.2 12.2#

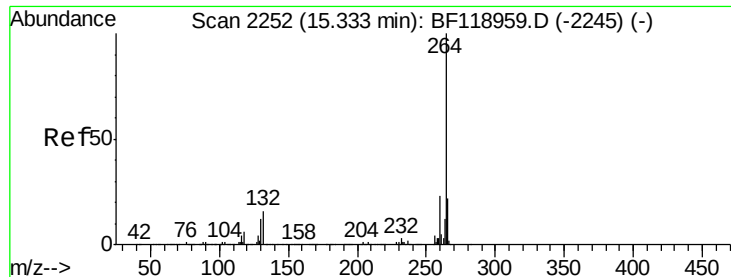


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

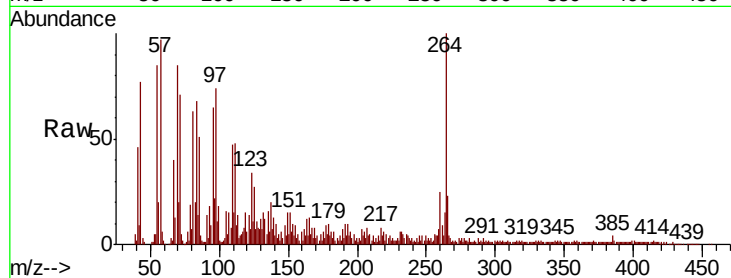




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2259
 Delta R.T. 0.06 min
 Lab File: BF119365.D
 Acq: 12 Mar 2020 00:39

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	23.3	17.7	26.5



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

