

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119019.D
 Acq On : 24 Feb 2020 12:55
 Operator : CG/JU
 Sample : L1578-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WFD-WC-S-SB-010203

Quant Time: Feb 25 00:42:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

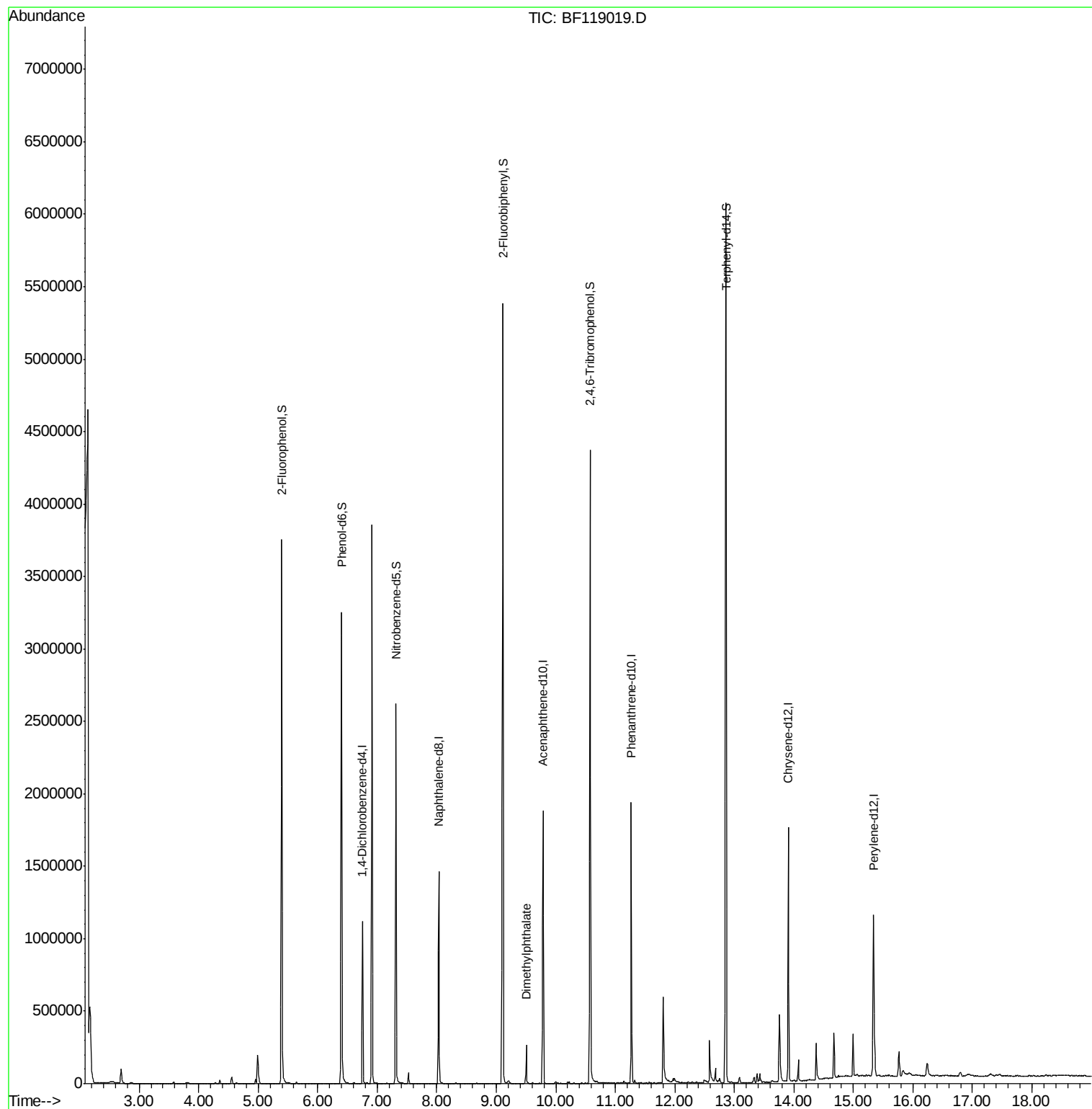
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	191388	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	723077	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	401188	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	745772	20.00	ng	0.00
76) Chrysene-d12	13.91	240	575534	20.00	ng	0.00
87) Perylene-d12	15.34	264	517366	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1234156	107.77	ng	0.02
7) Phenol-d6	6.40	99	1379504	99.04	ng	0.00
23) Nitrobenzene-d5	7.32	82	1123504	82.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.58	330	644729	122.85	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	2145474	78.78	ng	-0.01
79) Terphenyl-d14	12.86	244	2674734	80.01	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	116909	3.811	ng	Qvalue 99

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

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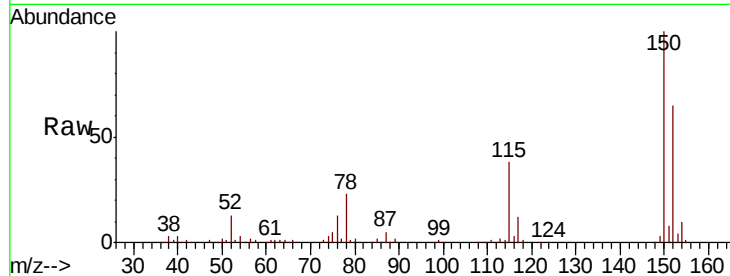


#1

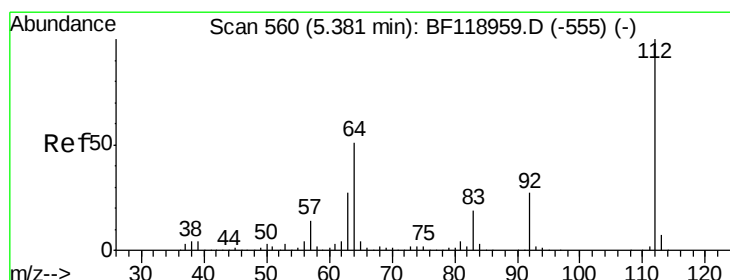
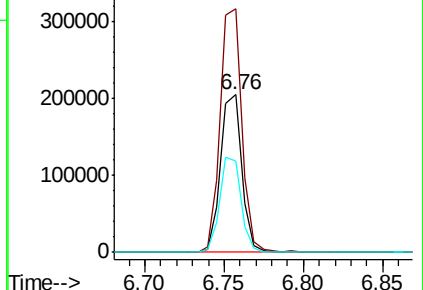
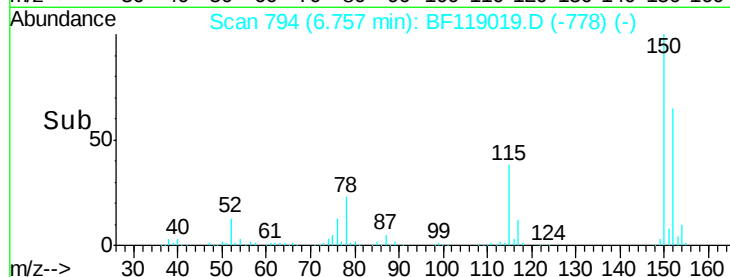
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119019.D
Acq: 24 Feb 2020 12:55

Instrument :
BNA_F
ClientSampleId :
WFD-WC-S-SB-010203

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.3	186.5
115	58.3	44.6	67.0



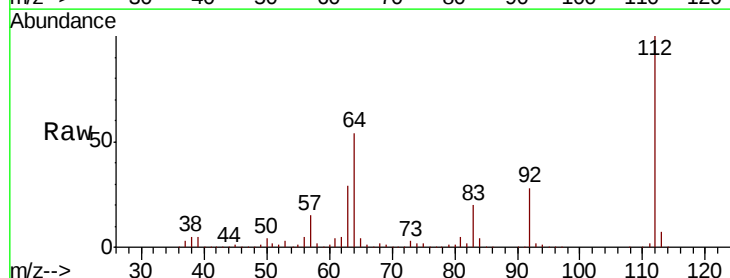
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



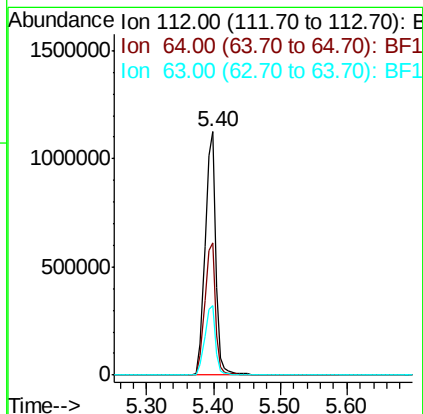
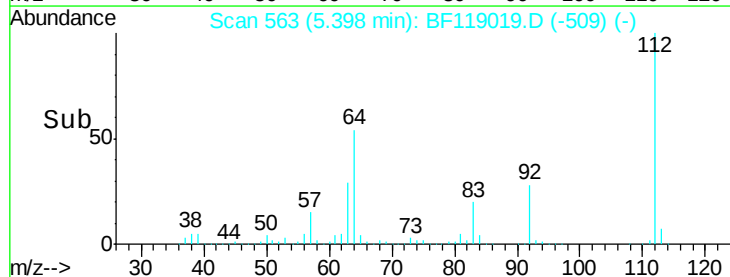
#5

2-Fluorophenol
Concen: 107.765 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF119019.D
Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	40.4	60.6
63	28.6	21.3	31.9



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: 99.045 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119019.D

Acq: 24 Feb 2020 12:55

Instrument :

BNA_F

ClientSampleId :

WFD-WC-S-SB-010203

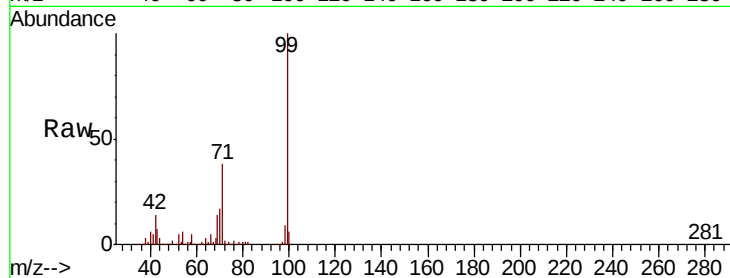
Tot Ion: 99 Resp: 1379504

Ion Ratio Lower Upper

99 100

42 14.0 11.4 17.0

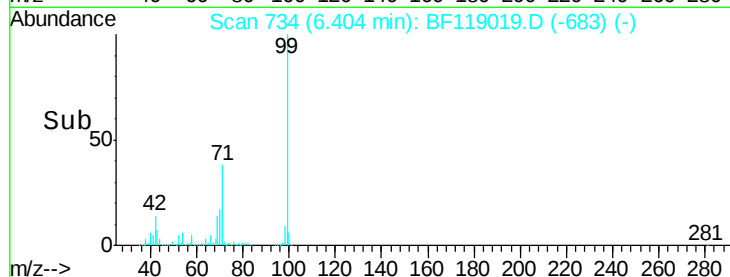
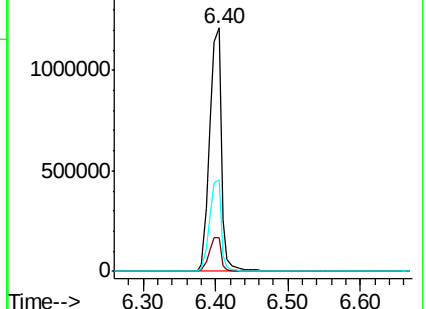
71 37.5 29.8 44.6



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: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119019.D

Acq: 24 Feb 2020 12:55

Tgt Ion: 136 Resp: 723077

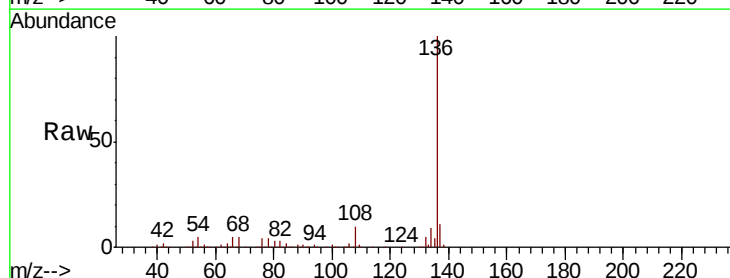
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 4.9 3.8 5.6

68 5.4 4.2 6.2

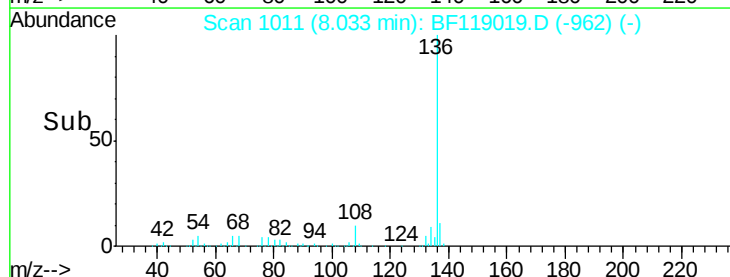
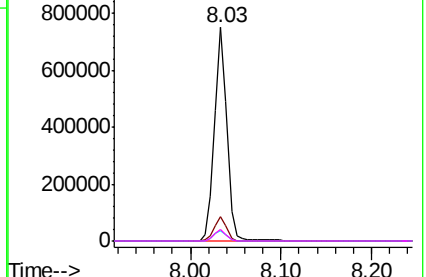


Abundance Ion 136.00 (135.70 to 136.70): E

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

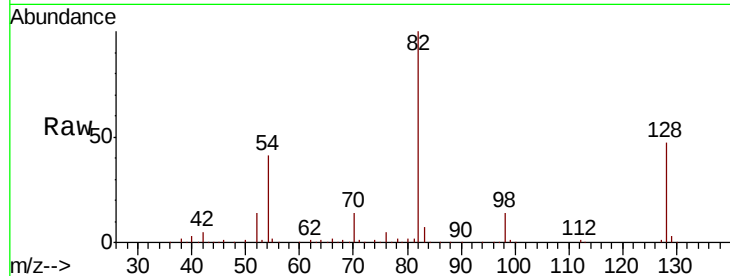




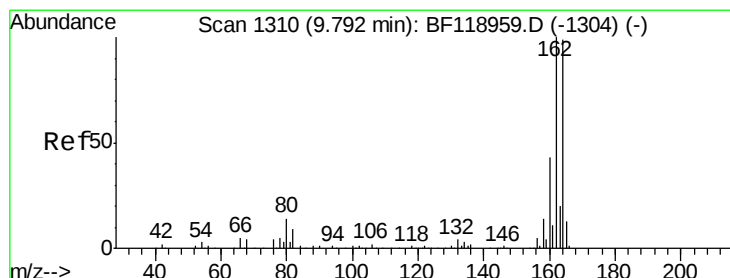
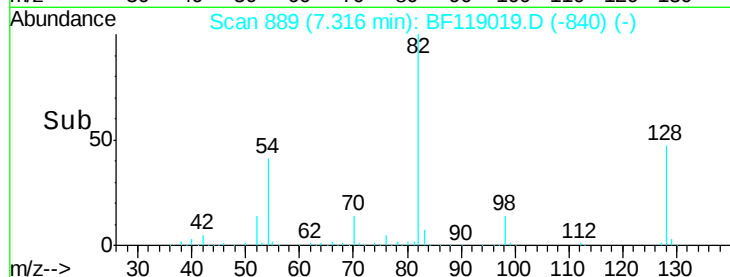
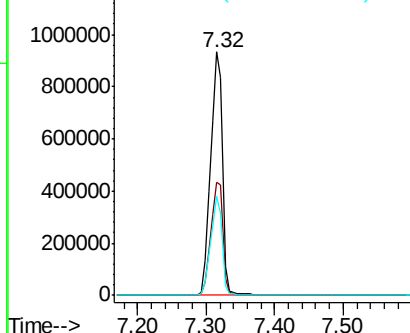
#23
Nitrobenzene-d5
Concen: 82.040 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119019.D
Acq: 24 Feb 2020 12:55

Instrument :
BNA_F
ClientSampleId :
WFD-WC-S-SB-010203

Tot Ion: 82 Resp: 1123504
Ion Ratio Lower Upper
82 100
128 46.7 38.2 57.2
54 40.9 31.3 46.9

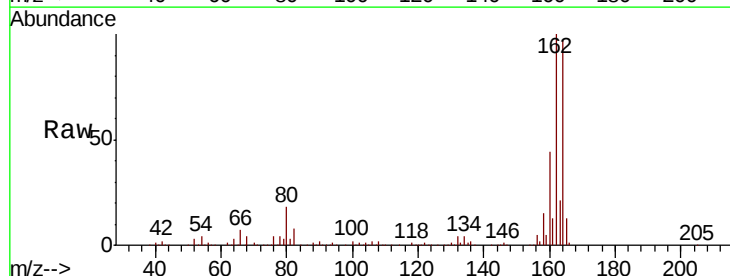


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

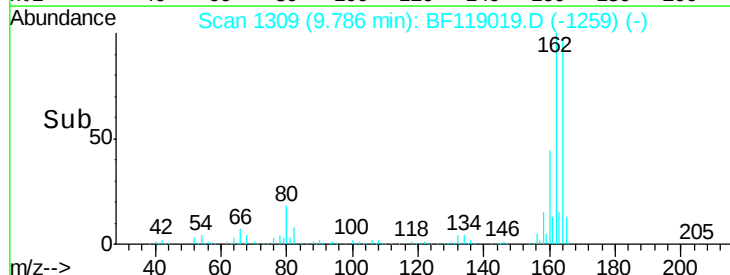
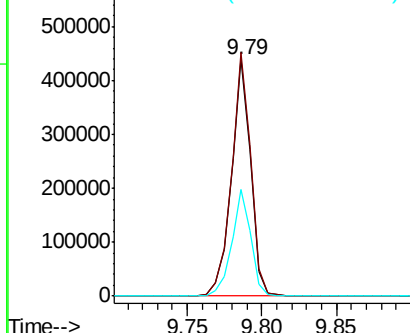


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119019.D
Acq: 24 Feb 2020 12:55

Tgt Ion:164 Resp: 401188
Ion Ratio Lower Upper
164 100
162 102.9 81.2 121.8
160 44.9 35.2 52.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

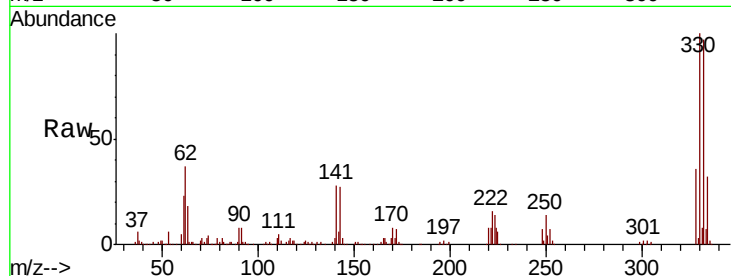




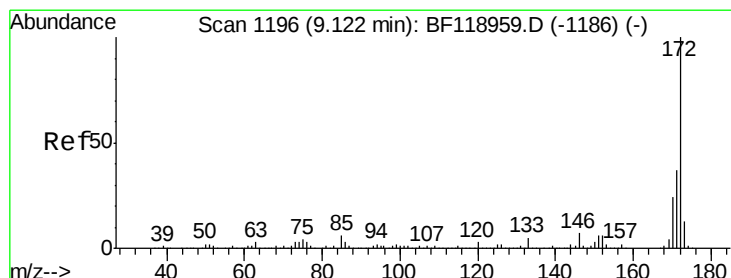
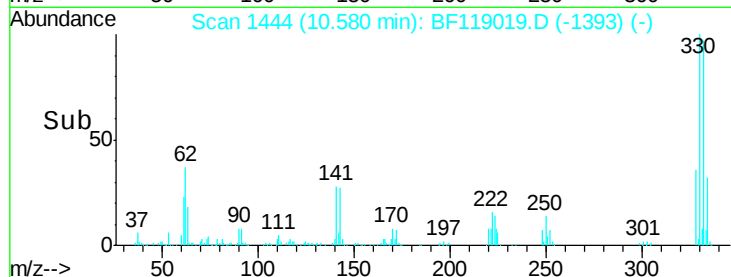
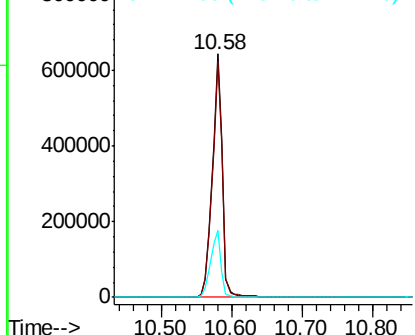
#42
 2,4,6-Tribromophenol
 Concen: 122.847 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF119019.D
 Acq: 24 Feb 2020 12:55

Instrument :
 BNA_F
 ClientSampleId :
 WFD-WC-S-SB-010203

Tot Ion:330 Resp: 644729
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.1 115.7
 141 28.1 23.0 34.6

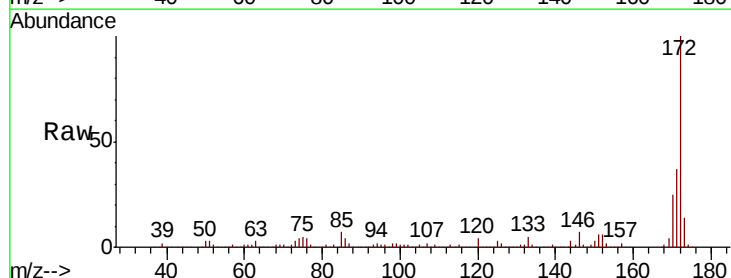


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

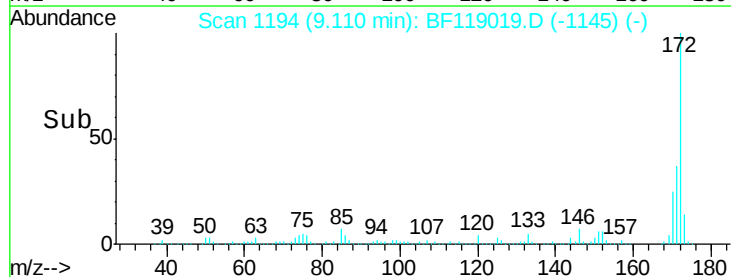
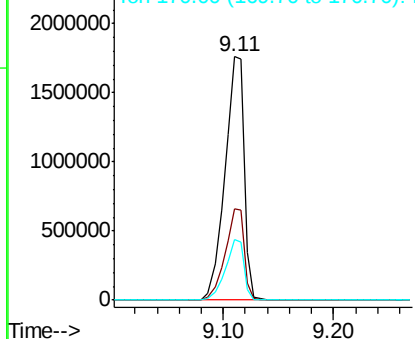


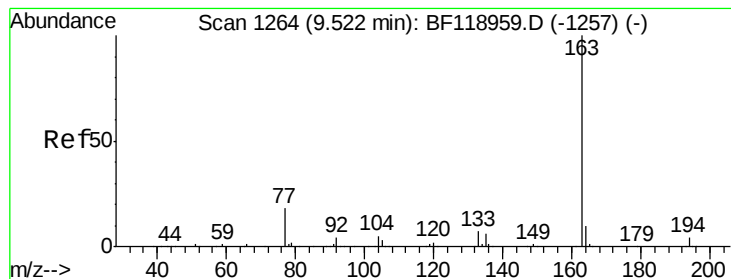
#45
 2-Fluorobiphenyl
 Concen: 78.782 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119019.D
 Acq: 24 Feb 2020 12:55

Tgt Ion:172 Resp: 2145474
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.4 44.2
 170 24.6 19.6 29.4



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: 3.811 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119019.D

Acq: 24 Feb 2020 12:55

Instrument :

BNA_F

ClientSampleId :

WFD-WC-S-SB-010203

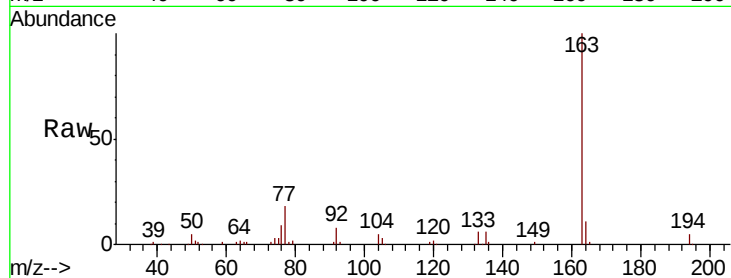
Tot Ion:163 Resp: 116909

Ion Ratio Lower Upper

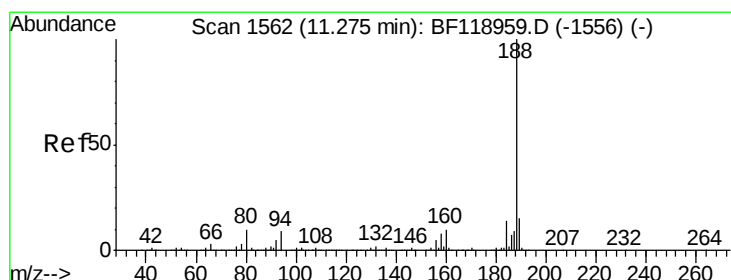
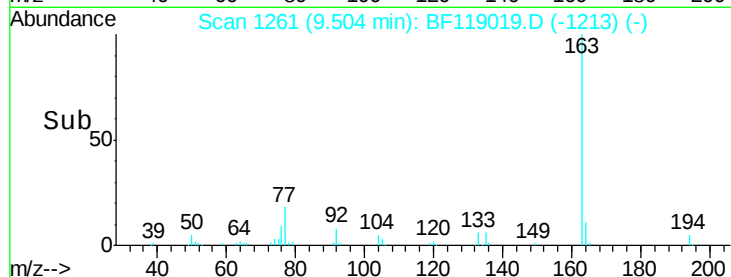
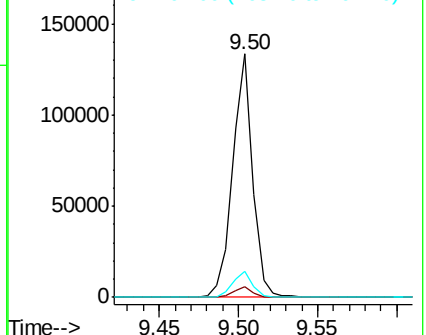
163 100

194 4.5 3.4 5.2

164 10.6 8.2 12.2



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: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF119019.D

Acq: 24 Feb 2020 12:55

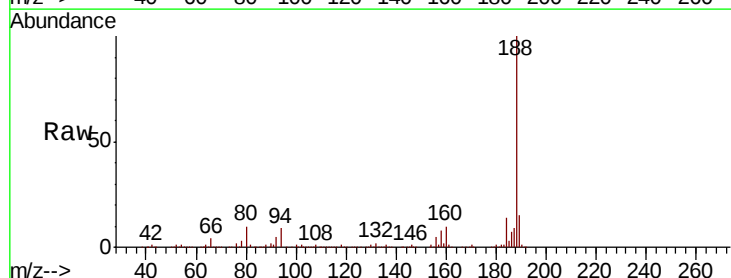
Tgt Ion:188 Resp: 745772

Ion Ratio Lower Upper

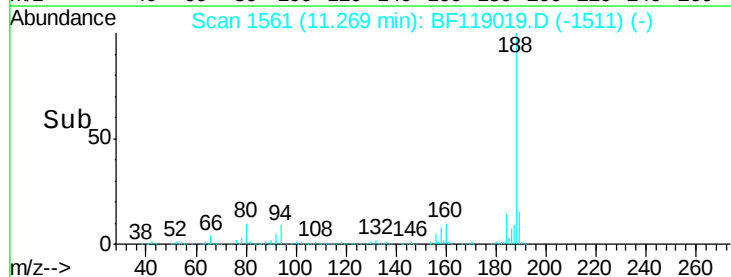
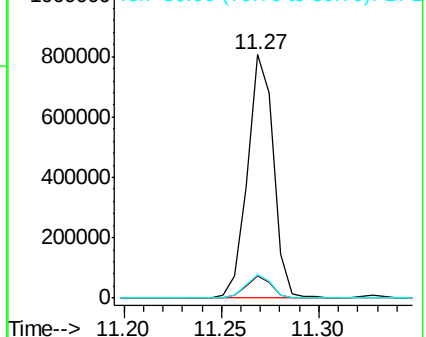
188 100

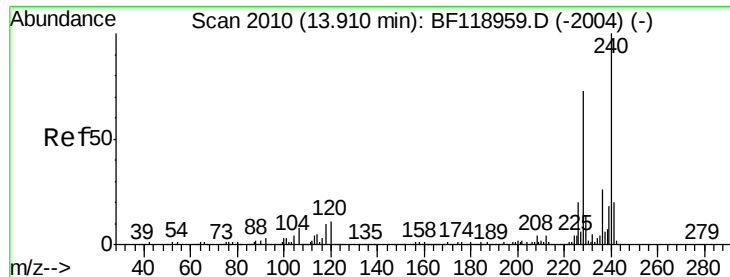
94 9.2 7.0 10.6

80 9.9 7.9 11.9



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: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF119019.D

Acq: 24 Feb 2020 12:55

Instrument :

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ClientSampleId :

WFD-WC-S-SB-010203

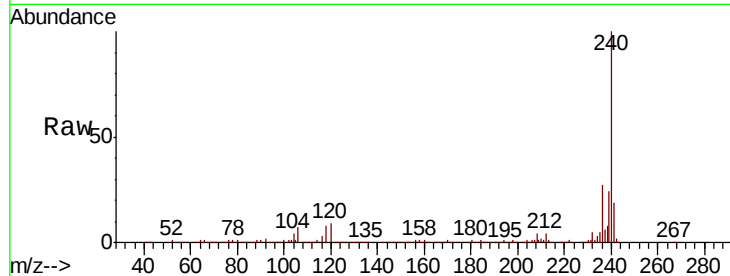
Tot Ion:240 Resp: 575534

Ion Ratio Lower Upper

240 100

120 9.3 8.9 13.3

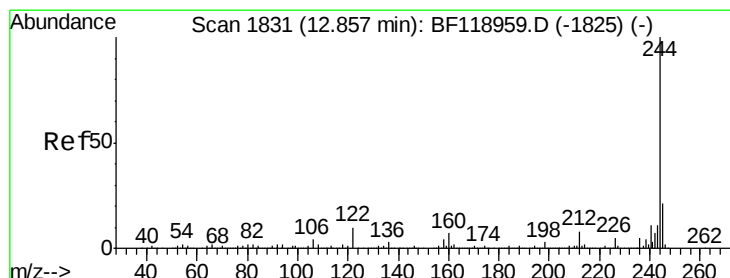
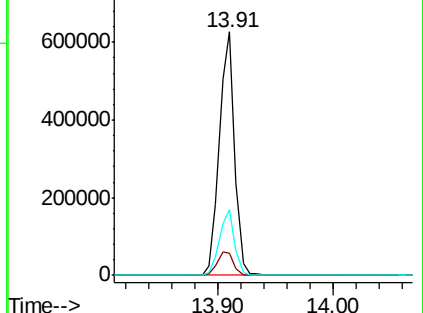
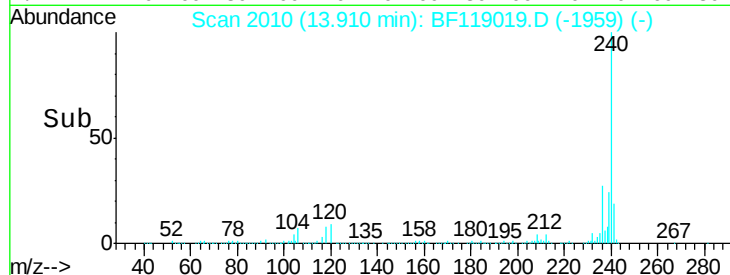
236 26.8 20.6 30.8



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: 80.013 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF119019.D

Acq: 24 Feb 2020 12:55

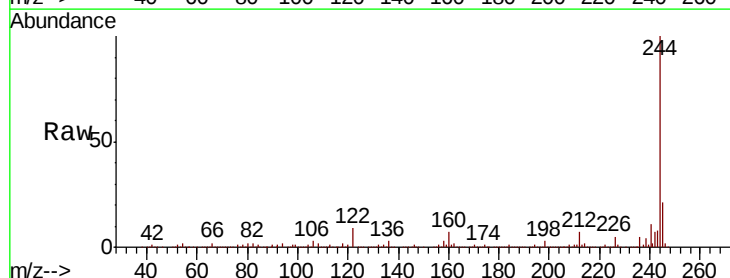
Tgt Ion:244 Resp: 2674734

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

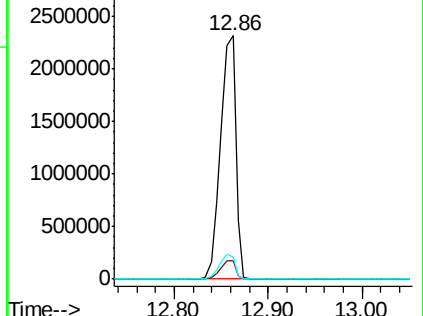
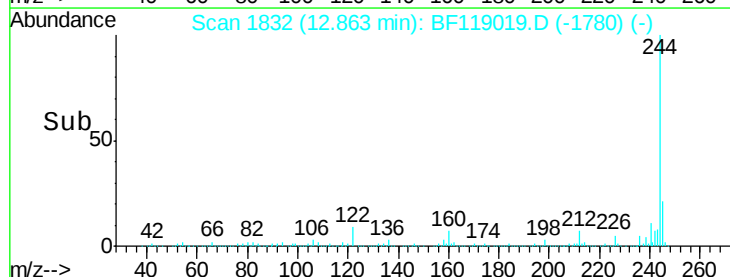
122 9.3 8.4 12.6

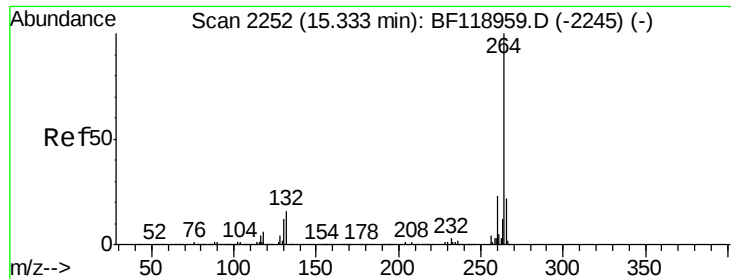


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF119019.D
Acq: 24 Feb 2020 12:55

Instrument :
BNA_F
ClientSampleId :
WFD-WC-S-SB-010203

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	28.0
265	22.2	17.3	25.9

