

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119111.D
 Acq On : 27 Feb 2020 15:43
 Operator : CG/JU
 Sample : L1694-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-12-12.5-BGS

Quant Time: Feb 28 03:53:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

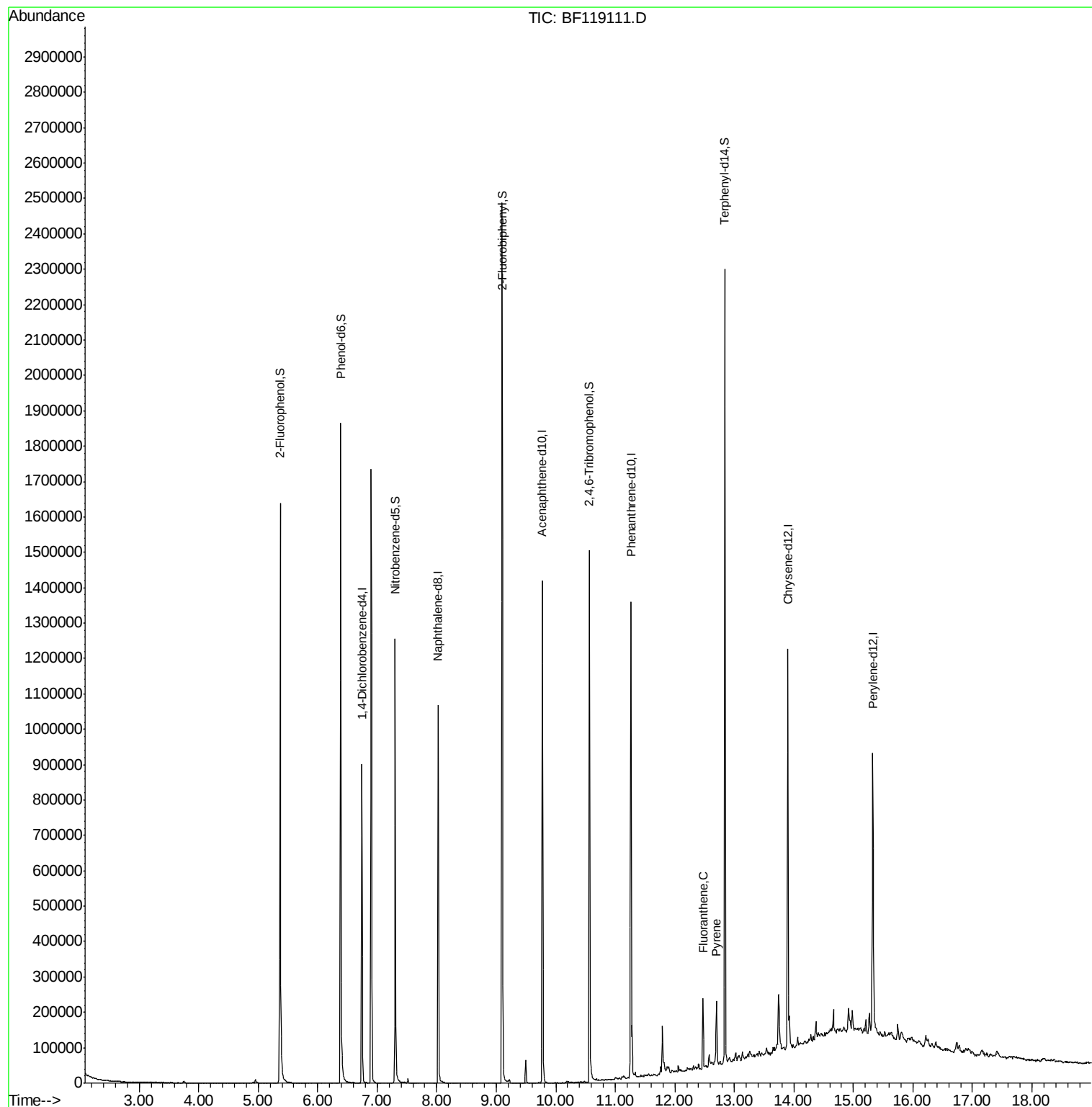
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	140542	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	559754	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	307324	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	539470	20.00	ng	0.00
76) Chrysene-d12	13.90	240	379752	20.00	ng	0.00
87) Perylene-d12	15.33	264	364439	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	539473	64.15	ng	0.00
7) Phenol-d6	6.39	99	659337	64.47	ng	-0.02
23) Nitrobenzene-d5	7.30	82	421932	39.80	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	218850	54.44	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	775148	37.16	ng	-0.01
79) Terphenyl-d14	12.84	244	811497	36.79	ng	-0.01
Target Compounds						
75) Fluoranthene	12.47	202	86913	2.783	ng	98
78) Pyrene	12.70	202	77358	2.537	ng	97

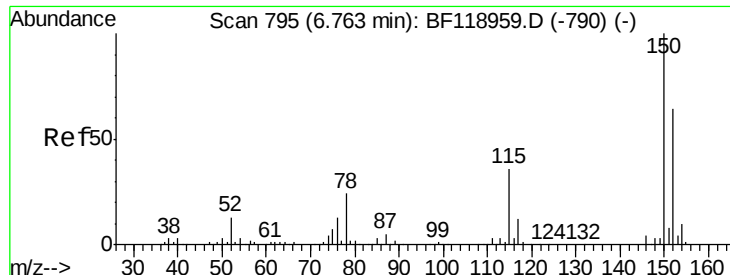
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF119111.D

Acq: 27 Feb 2020 15:43

Instrument :

BNA_F

ClientSampleId :

B2-12-12.5-BGS

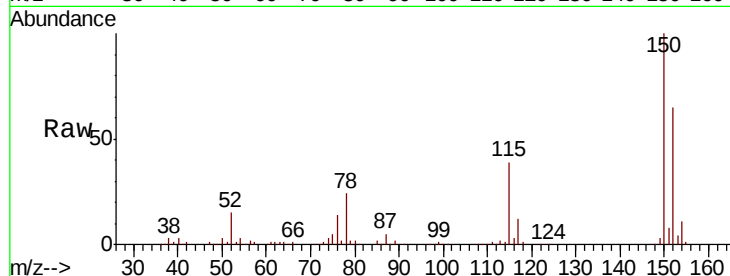
Tot Ion:152 Resp: 140542

Ion Ratio Lower Upper

152 100

150 153.2 123.0 184.6

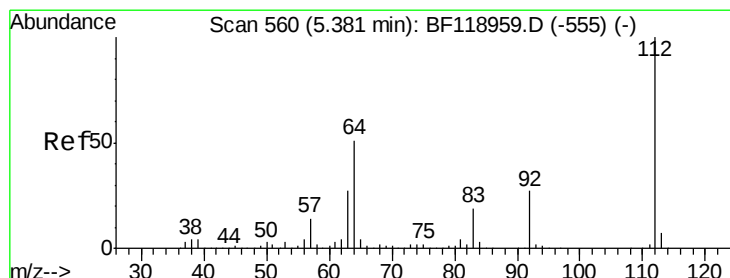
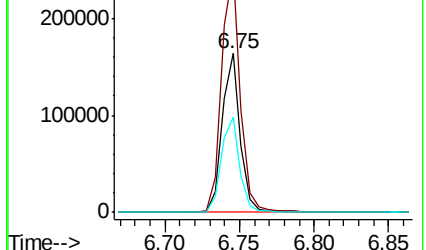
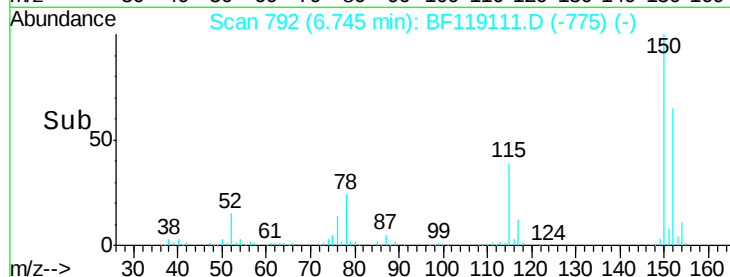
115 59.8 49.5 74.3



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: 64.148 ng

RT: 5.37 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF119111.D

Acq: 27 Feb 2020 15:43

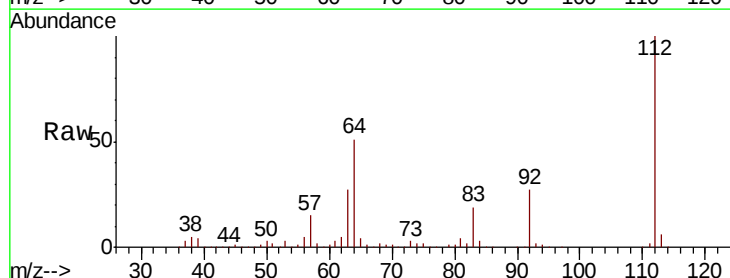
Tgt Ion:112 Resp: 539473

Ion Ratio Lower Upper

112 100

64 51.4 45.0 67.4

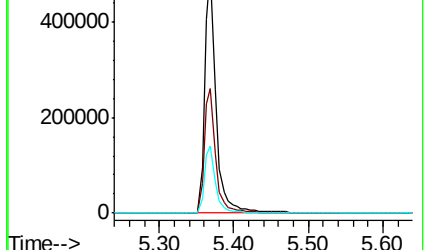
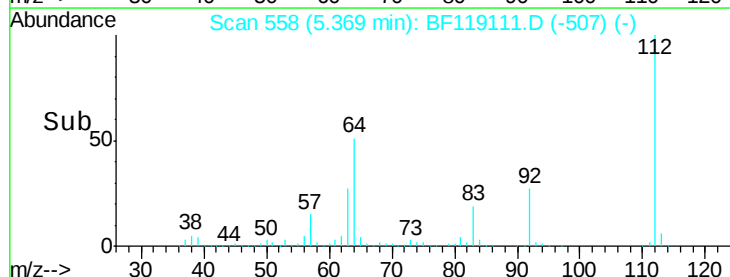
63 27.4 24.2 36.4



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: 64.465 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119111.D

Acq: 27 Feb 2020 15:43

Instrument :

BNA_F

ClientSampleId :

B2-12-12.5-BGS

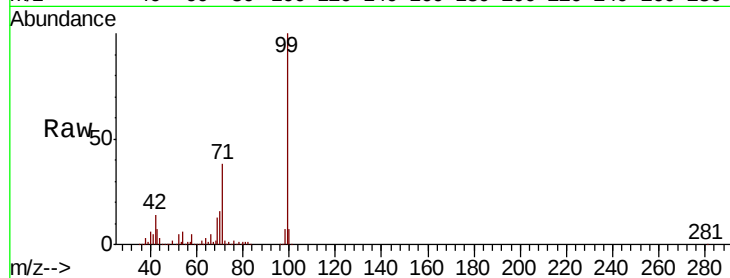
Tot Ion: 99 Resp: 659337

Ion Ratio Lower Upper

99 100

42 14.5 12.6 18.8

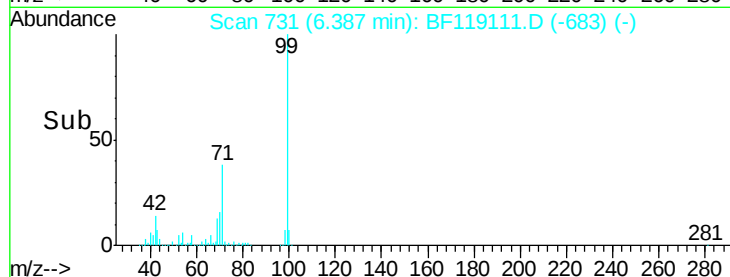
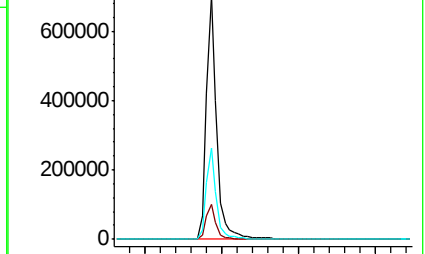
71 37.6 31.0 46.4



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: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF119111.D

Acq: 27 Feb 2020 15:43

Tgt Ion: 136 Resp: 559754

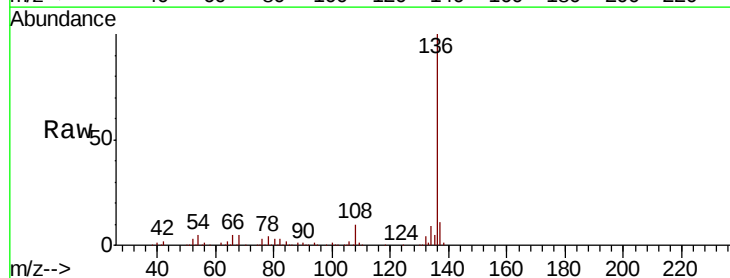
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 4.6 3.8 5.6

68 4.9 3.9 5.9

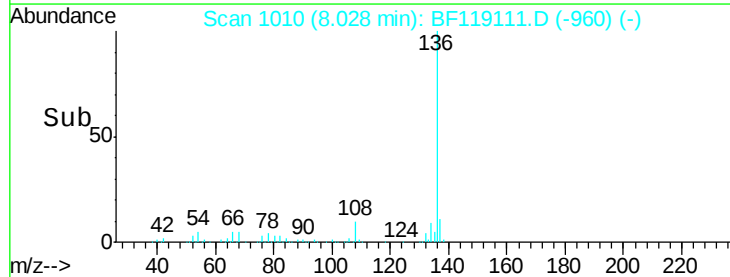
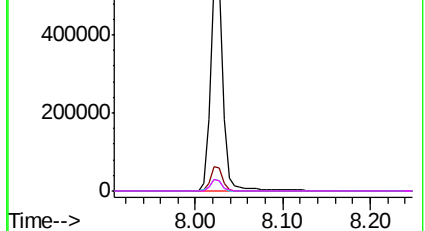


Abundance Ion 136.00 (135.70 to 136.70): E

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

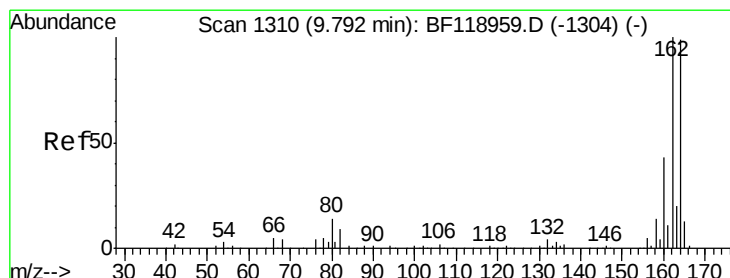
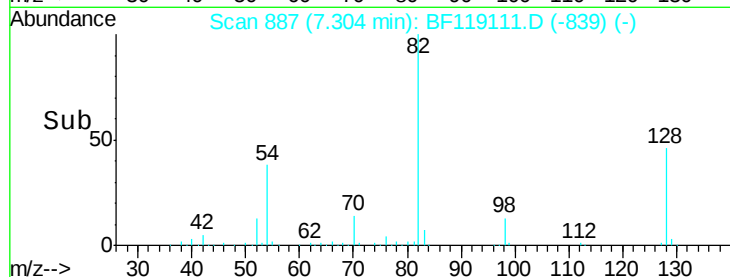
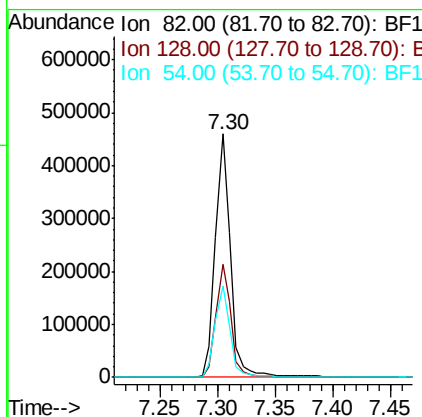
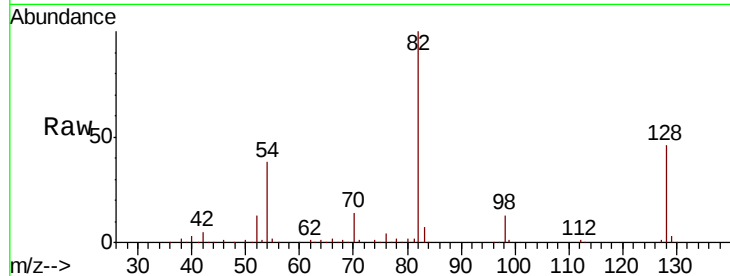




#23
 Nitrobenzene-d5
 Concen: 39.800 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF119111.D
 Acq: 27 Feb 2020 15:43

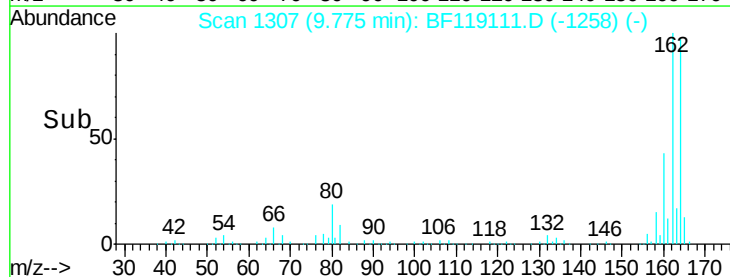
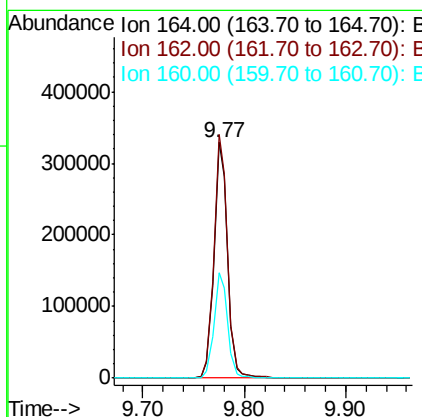
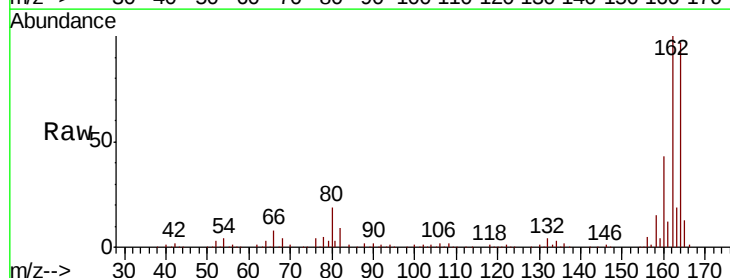
Instrument :
 BNA_F
 ClientSampleId :
 B2-12-12.5-BGS

Tot Ion	82	Resp	421932
Ion Ratio	Lower	Upper	
82	100		
128	46.2	37.9	56.9
54	37.6	33.4	50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119111.D
 Acq: 27 Feb 2020 15:43

Tgt Ion	164	Resp	307324
Ion Ratio	Lower	Upper	
164	100		
162	103.3	81.8	122.8
160	44.9	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 54.436 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF119111.D

Acq: 27 Feb 2020 15:43

Instrument :

BNA_F

ClientSampleId :

B2-12-12.5-BGS

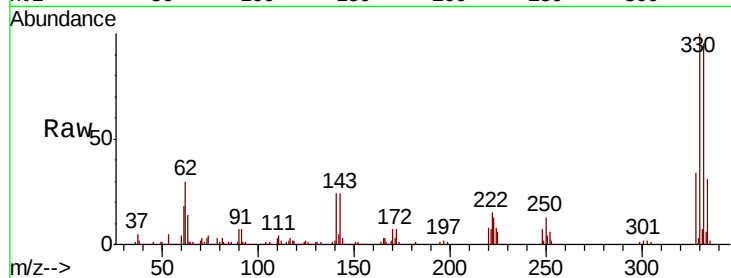
Tot Ion:330 Resp: 218850

Ion Ratio Lower Upper

330 100

332 96.1 76.0 114.0

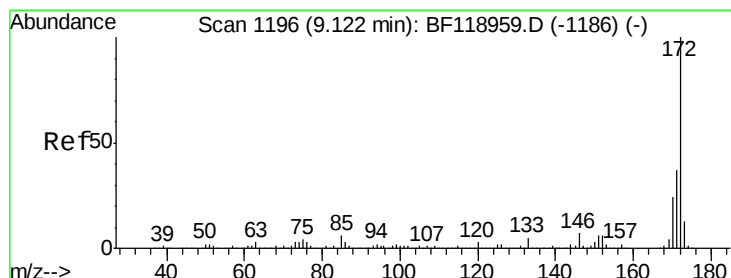
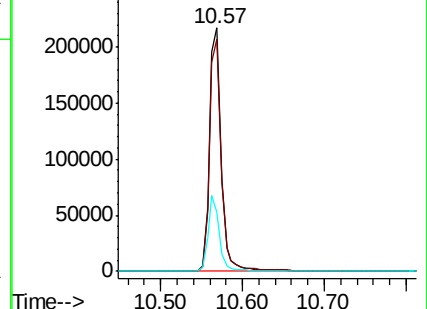
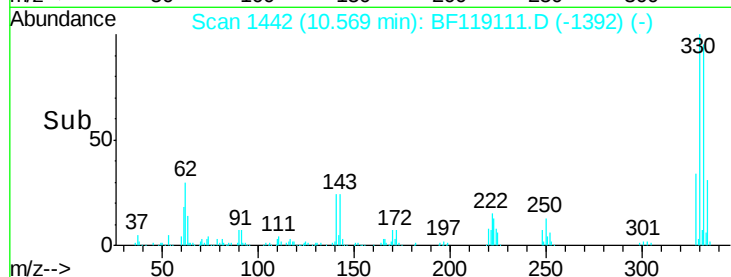
141 29.6 22.9 34.3



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: 37.157 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF119111.D

Acq: 27 Feb 2020 15:43

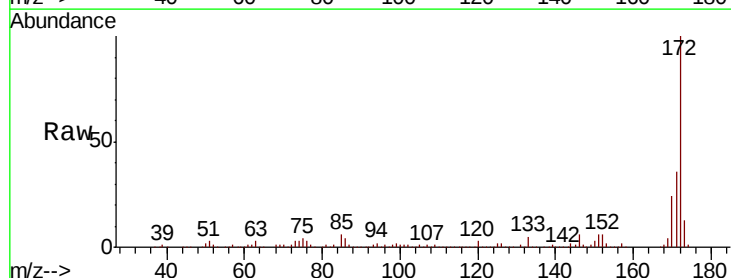
Tgt Ion:172 Resp: 775148

Ion Ratio Lower Upper

172 100

171 36.2 30.6 45.8

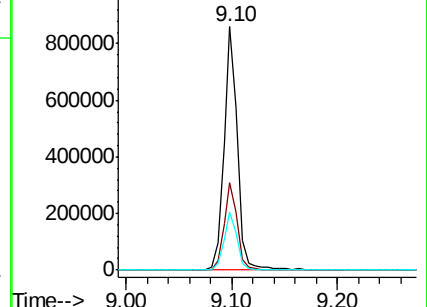
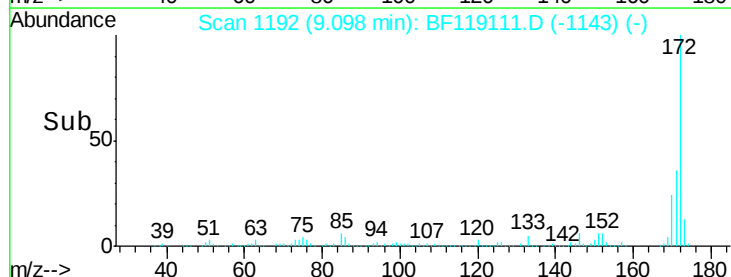
170 23.7 20.2 30.2

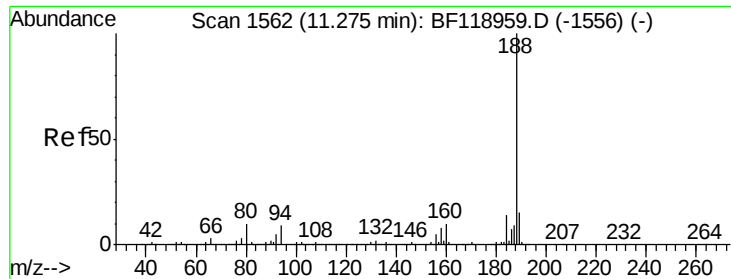


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

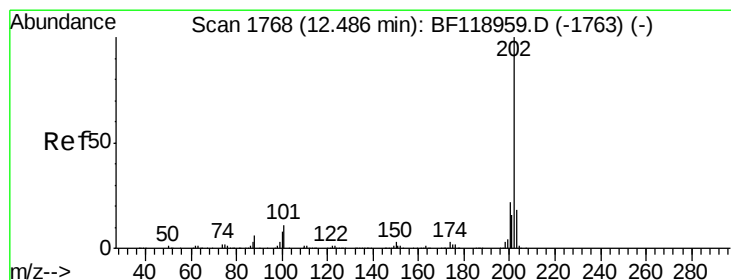
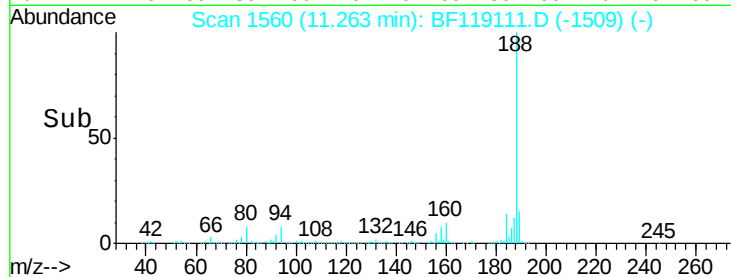
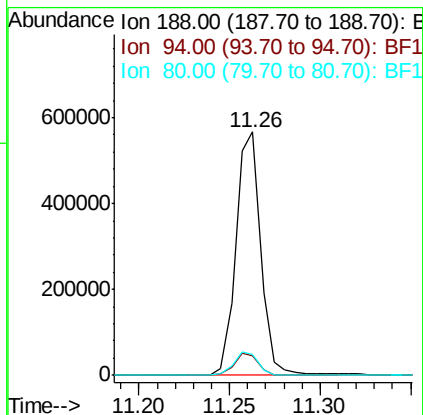
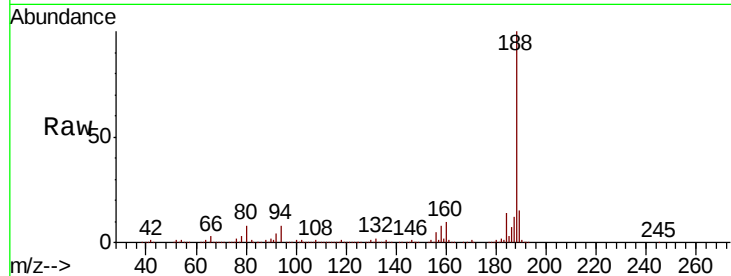




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119111.D
Acq: 27 Feb 2020 15:43

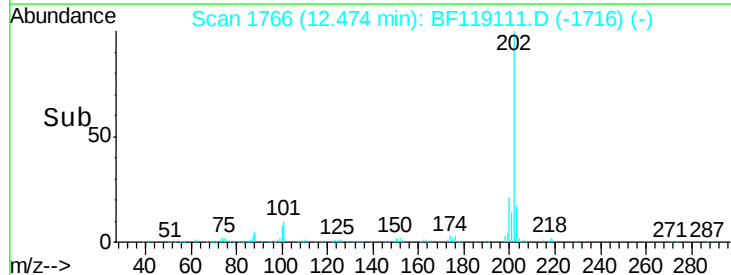
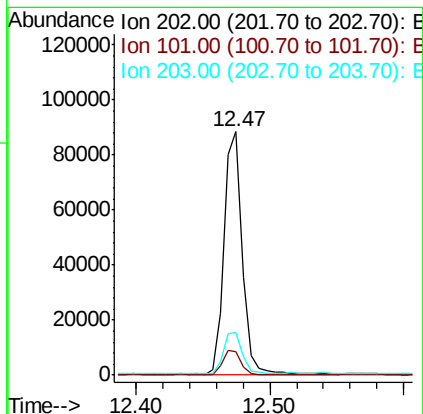
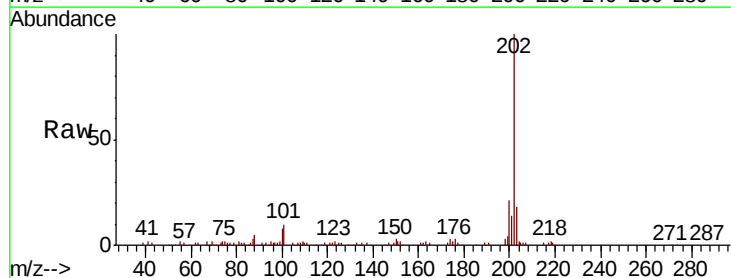
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BNA_F
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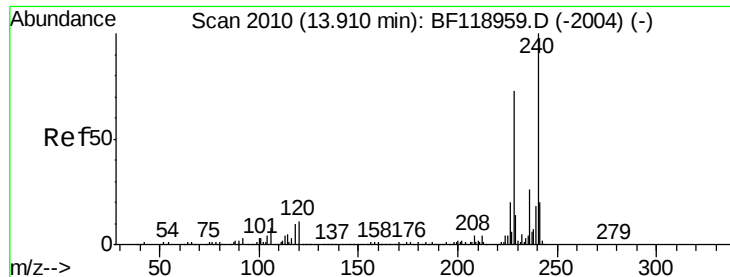
Tot Ion:188 Resp: 539470
Ion Ratio Lower Upper
188 100
94 8.0 7.1 10.7
80 8.4 7.8 11.8



#75
Fluoranthene
Concen: 2.783 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BF119111.D
Acq: 27 Feb 2020 15:43

Tgt Ion:202 Resp: 86913
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.3
203 17.7 0.0 38.4

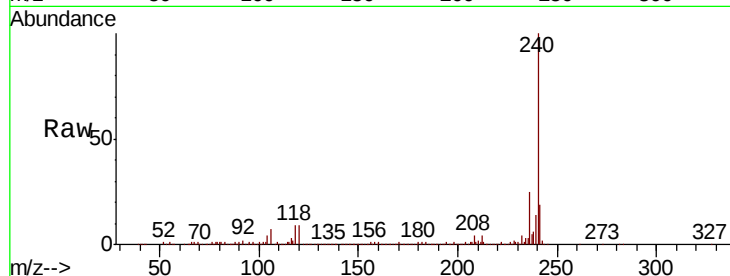




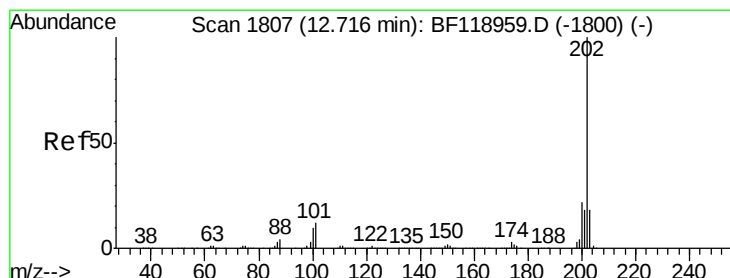
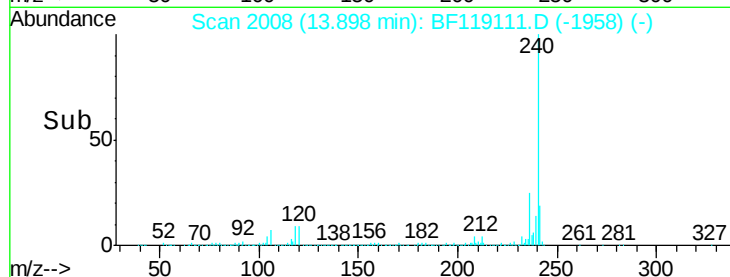
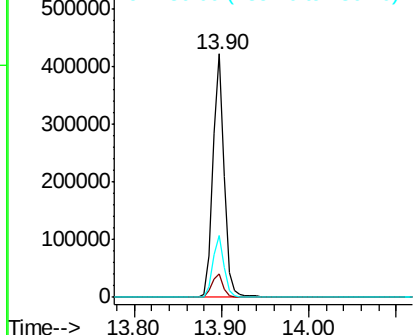
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119111.D
Acq: 27 Feb 2020 15:43

Instrument :
BNA_F
ClientSampleId :
B2-12-12.5-BGS

Tot Ion:240 Resp: 379752
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 25.4 21.0 31.4

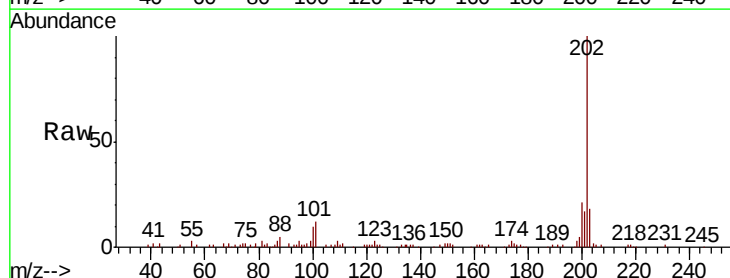


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

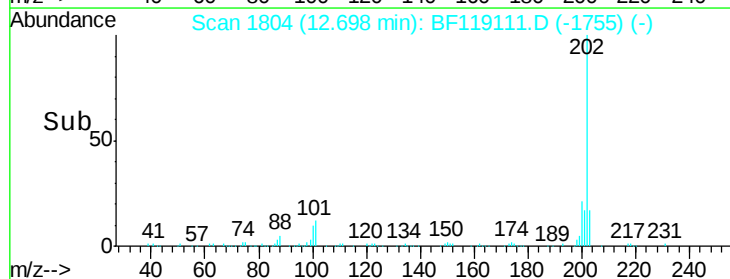
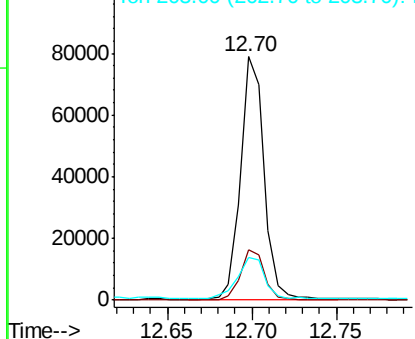


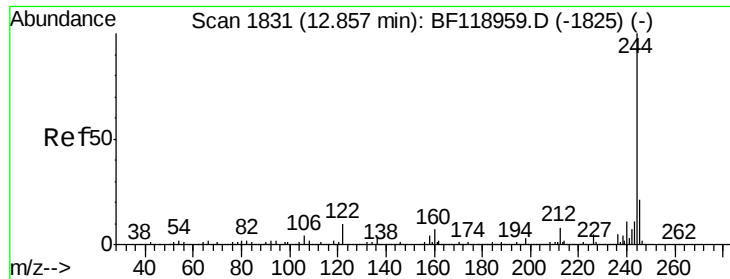
#78
Pyrene
Concen: 2.537 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF119111.D
Acq: 27 Feb 2020 15:43

Tgt Ion:202 Resp: 77358
Ion Ratio Lower Upper
202 100
200 20.8 18.0 27.0
203 17.6 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

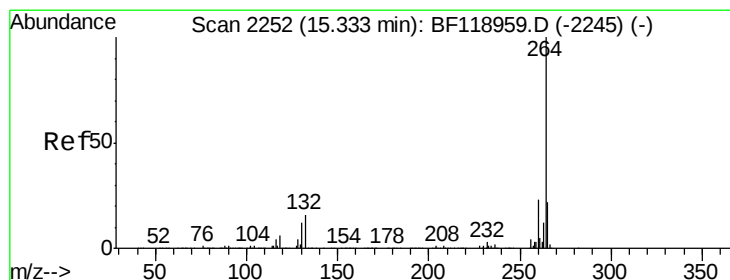
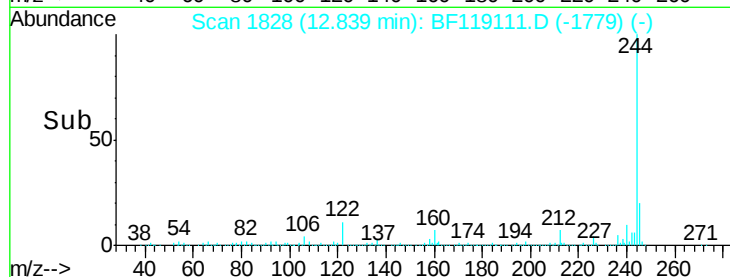
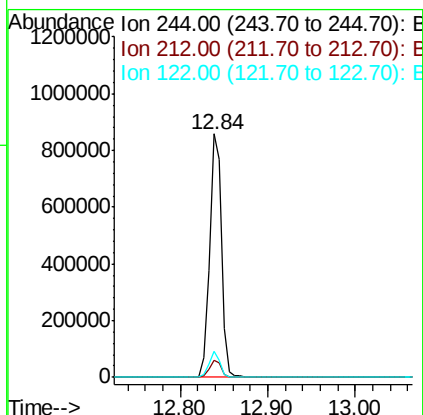
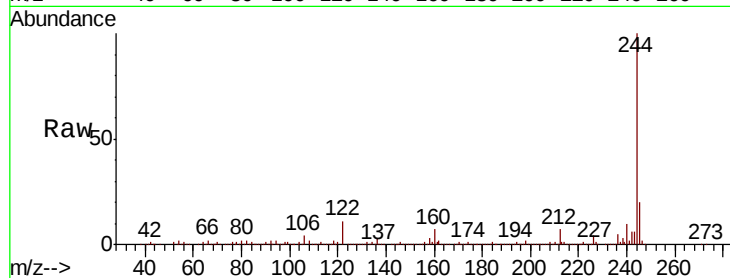




#79
 Terphenyl-d14
 Concen: 36.791 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF119111.D
 Acq: 27 Feb 2020 15:43

Instrument :
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Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.6	10.0
122	10.8	8.2	12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.01 min
 Lab File: BF119111.D
 Acq: 27 Feb 2020 15:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.7	17.7	26.5

