

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
 Data File : BF118311.D
 Acq On : 26 Dec 2019 12:45
 Operator : JU
 Sample : K6413-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K005-AB-WC-1

Quant Time: Dec 27 04:21:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

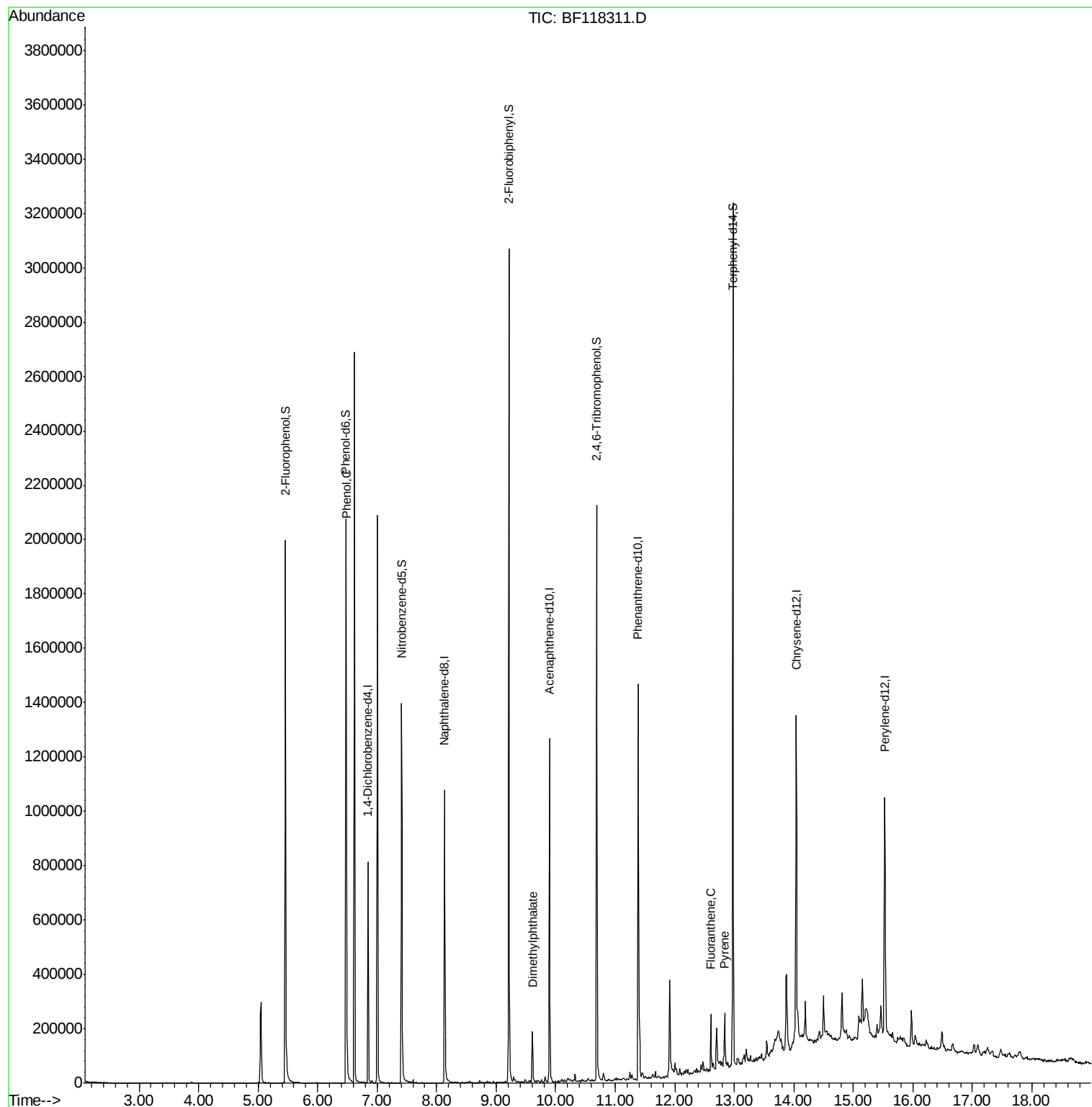
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	119148	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	498119	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	268826	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	507278	20.00	ng	0.00
76) Chrysene-d12	14.04	240	335808	20.00	ng	-0.01
87) Perylene-d12	15.53	264	351544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	596995	85.53	ng	0.00
7) Phenol-d6	6.47	99	758315	87.58	ng	-0.01
23) Nitrobenzene-d5	7.41	82	438265	50.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	257150	77.46	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	916545	52.04	ng	-0.01
79) Terphenyl-d14	12.98	244	1128171	55.74	ng	0.00
Target Compounds						
10) Phenol	6.49	94	28687	2.948	ng	81
50) Dimethylphthalate	9.61	163	79898	3.959	ng	98
75) Fluoranthene	12.61	202	80879	2.898	ng	99
78) Pyrene	12.84	202	82204	2.998	ng	96

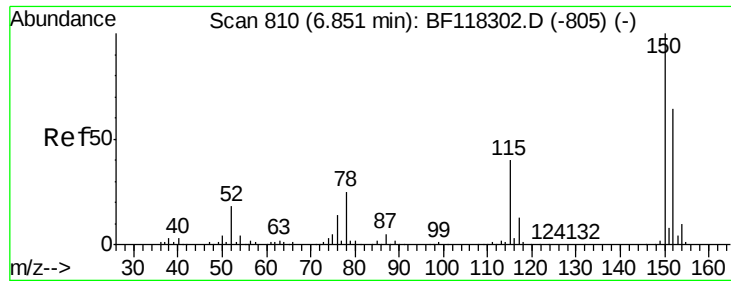
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118311.D
Acq On : 26 Dec 2019 12:45
Operator : JU
Sample : K6413-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K005-AB-WC-1

Quant Time: Dec 27 04:21:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration



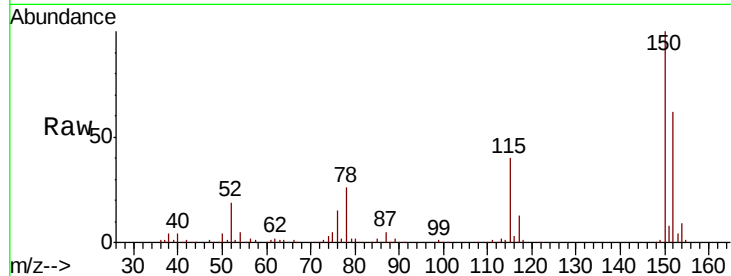


#1

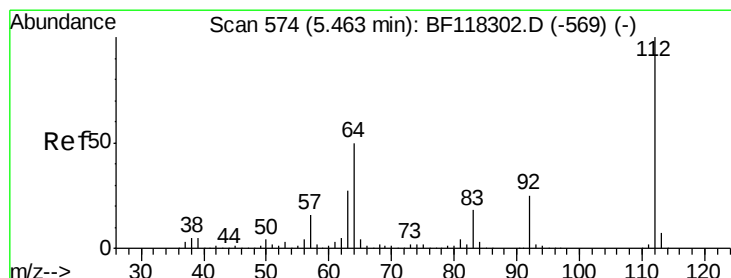
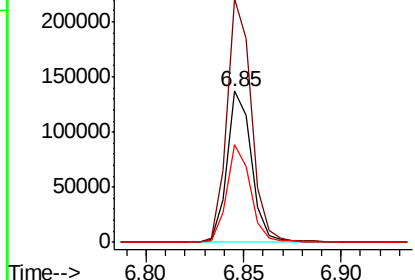
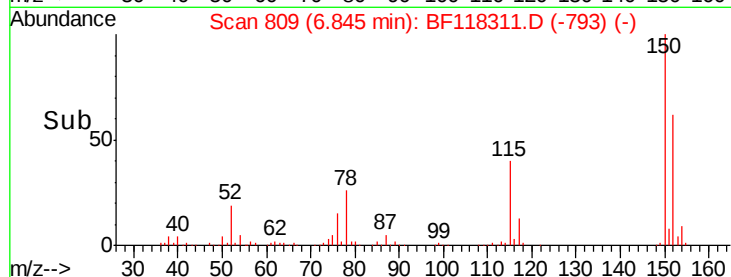
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF118311.D
 Acq: 26 Dec 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :
 K005-AB-WC-1

Tot Ion:152 Resp: 119148
 Ion Ratio Lower Upper
 152 100
 150 161.2 125.4 188.2
 115 64.7 50.2 75.4



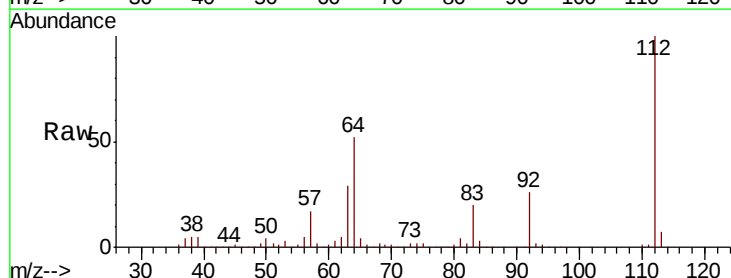
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



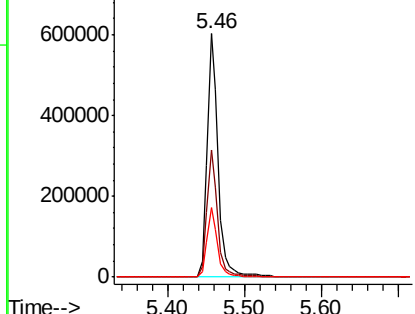
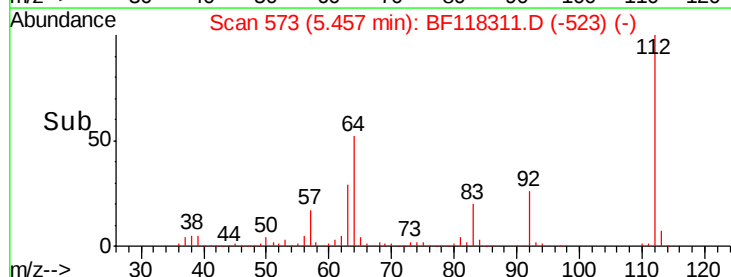
#5

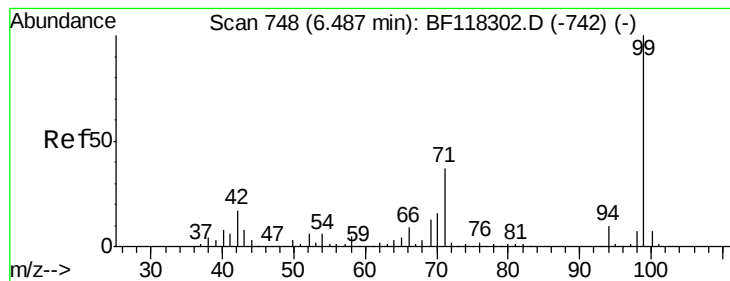
2-Fluorophenol
 Concen: 85.529 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF118311.D
 Acq: 26 Dec 2019 12:45

Tgt Ion:112 Resp: 596995
 Ion Ratio Lower Upper
 112 100
 64 52.2 39.7 59.5
 63 28.7 21.7 32.5



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: 87.577 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF118311.D

Acq: 26 Dec 2019 12:45

Instrument :

BNA_F

ClientSampleId :

K005-AB-WC-1

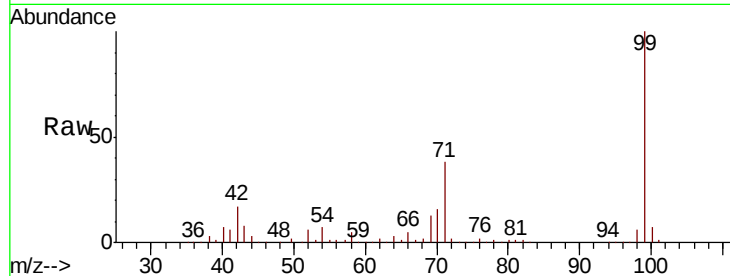
Tot Ion: 99 Resp: 758315

Ion Ratio Lower Upper

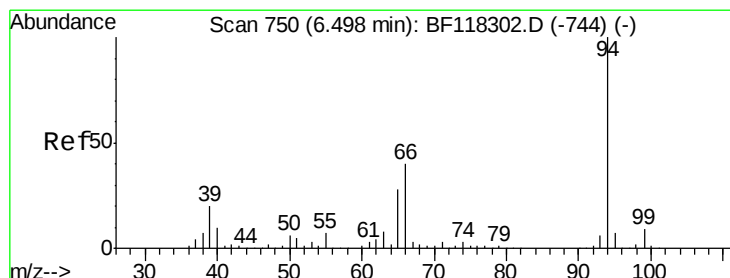
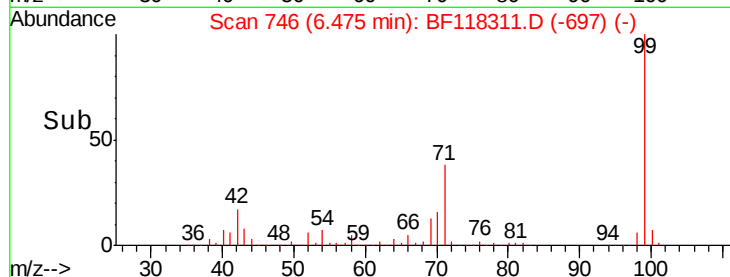
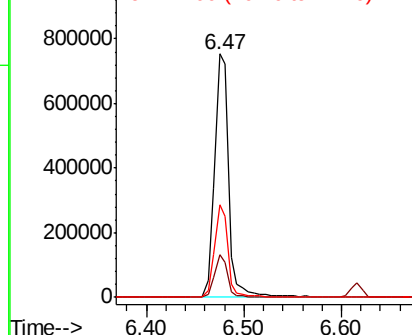
99 100

42 17.3 13.5 20.3

71 37.9 29.4 44.2



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



#10

Phenol

Concen: 2.948 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118311.D

Acq: 26 Dec 2019 12:45

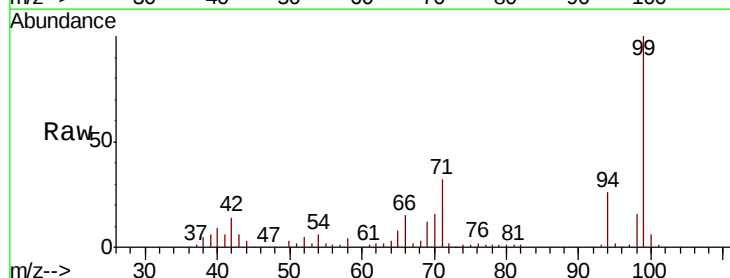
Tgt Ion: 94 Resp: 28687

Ion Ratio Lower Upper

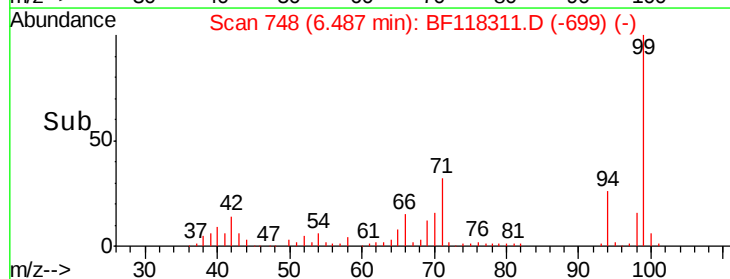
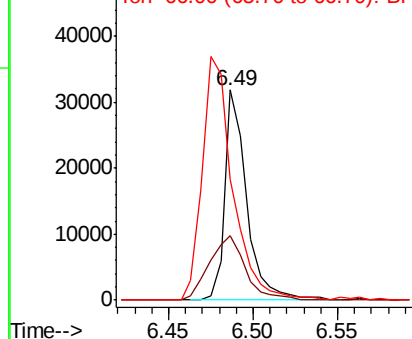
94 100

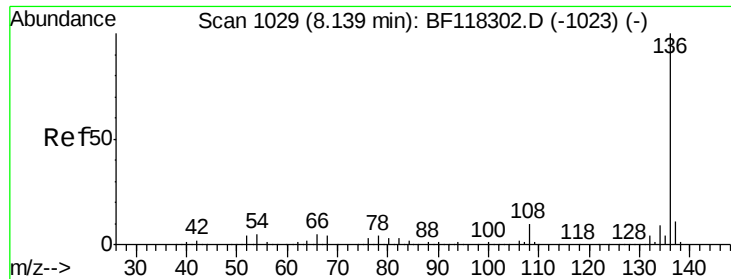
65 30.6 7.8 47.8

66 57.6 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

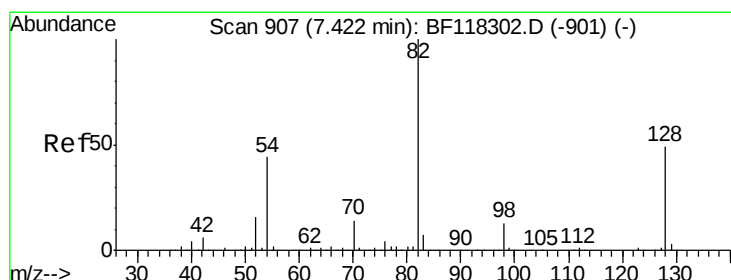
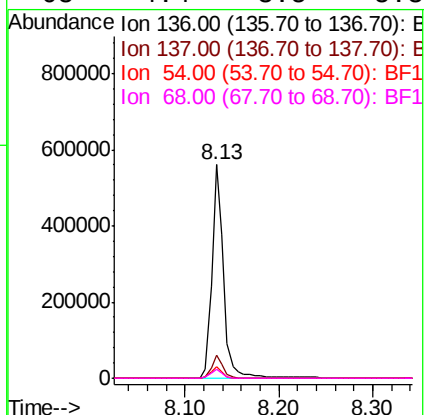
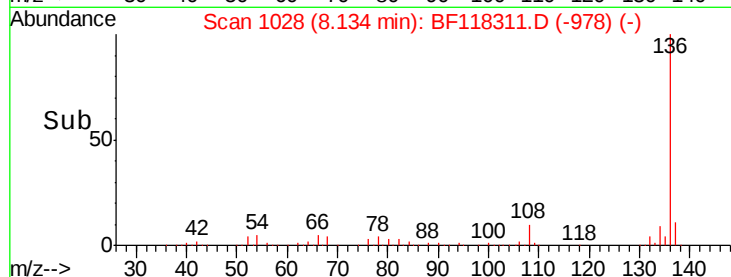
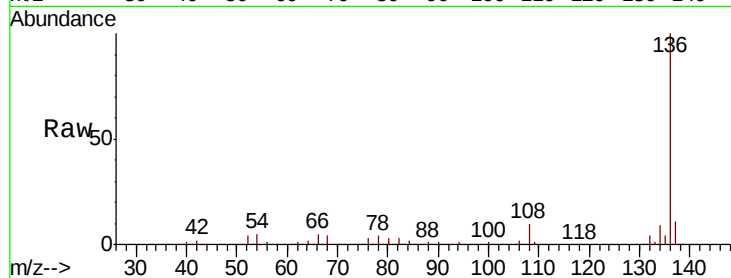




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

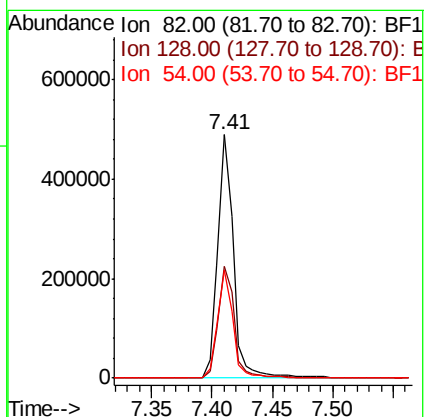
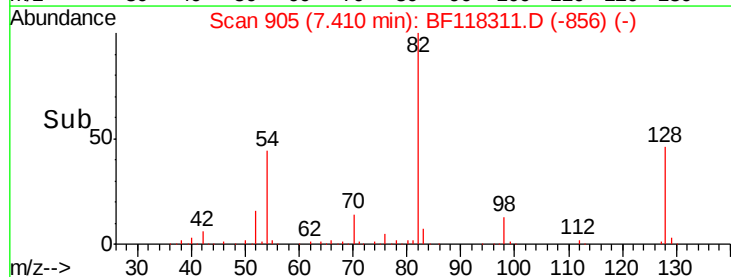
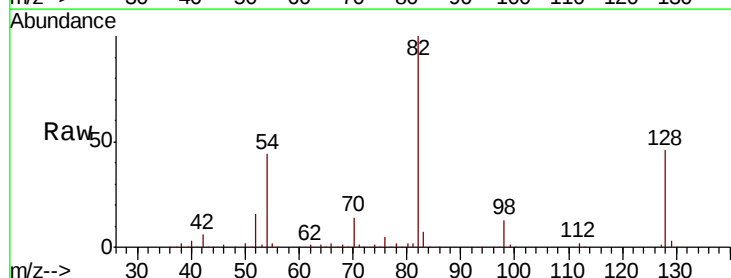
Instrument :
BNA_F
ClientSampleId :
K005-AB-WC-1

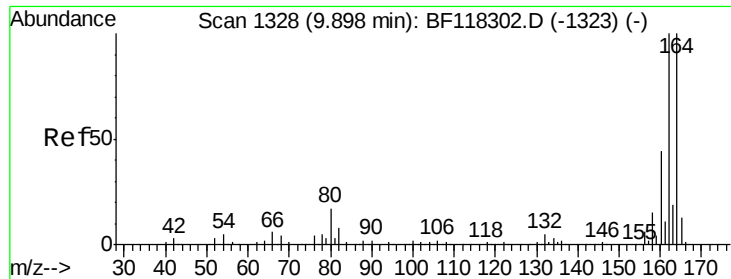
Tot Ion:136	Resp:	498119
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	5.5	4.2 6.4
68	4.4	3.5 5.3



#23
Nitrobenzene-d5
Concen: 50.322 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Tgt Ion: 82	Resp:	438265
Ion Ratio	Lower	Upper
82	100	
128	46.0	39.6 59.4
54	44.1	34.9 52.3

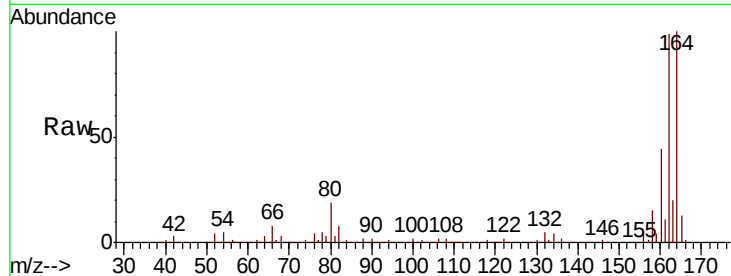




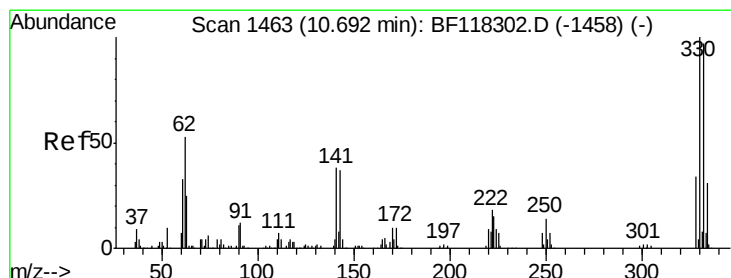
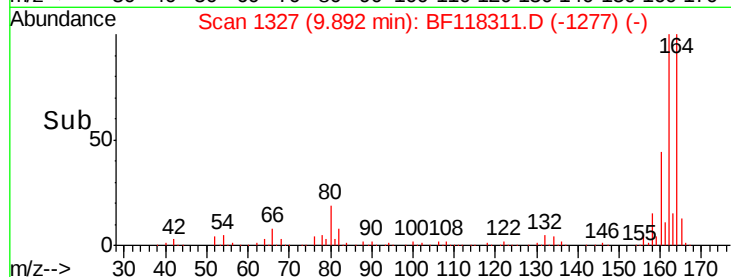
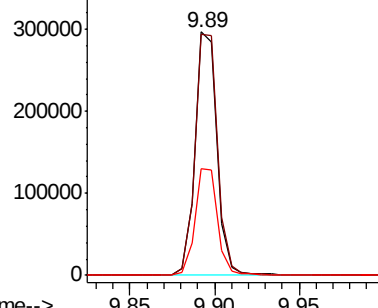
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :
K005-AB-WC-1

Tot Ion:164 Resp: 268826
Ion Ratio Lower Upper
164 100
162 98.9 80.0 120.0
160 43.8 34.8 52.2

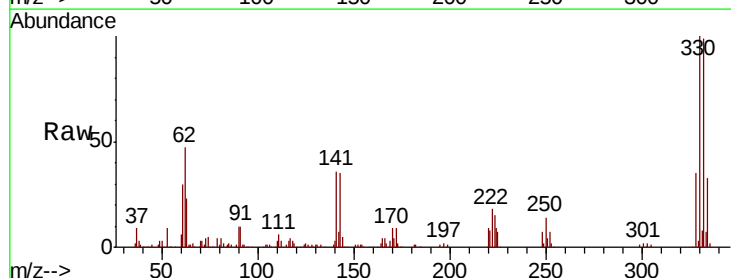


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

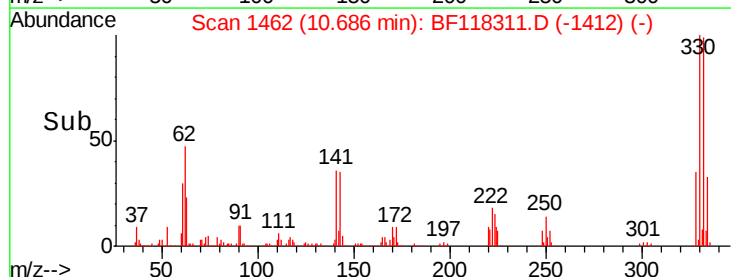
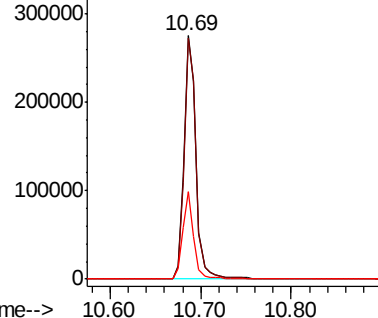


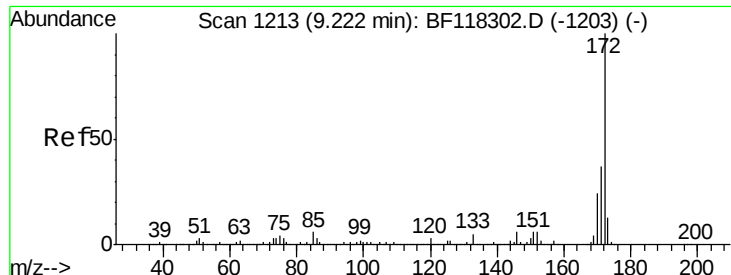
#42
2,4,6-Tribromophenol
Concen: 77.459 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Tgt Ion:330 Resp: 257150
Ion Ratio Lower Upper
330 100
332 98.3 76.6 114.8
141 33.2 26.0 39.0



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

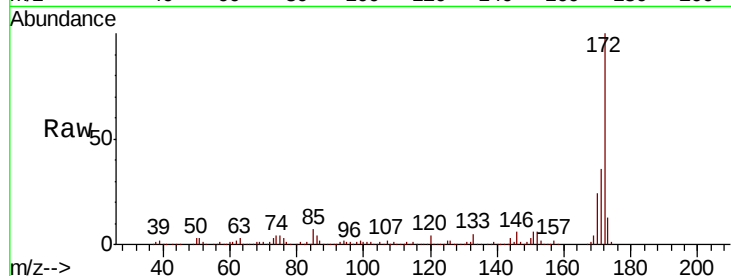




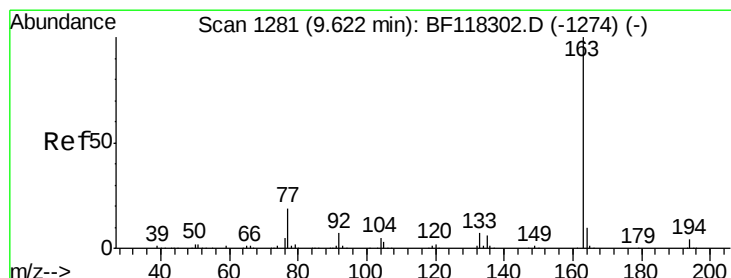
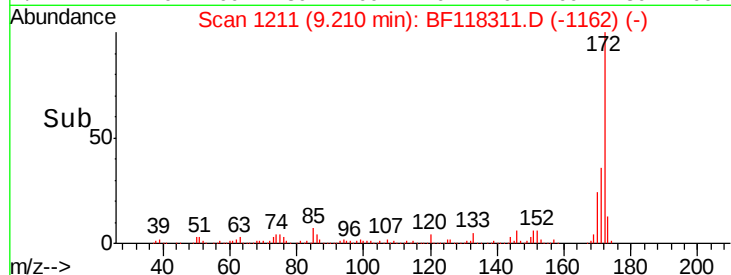
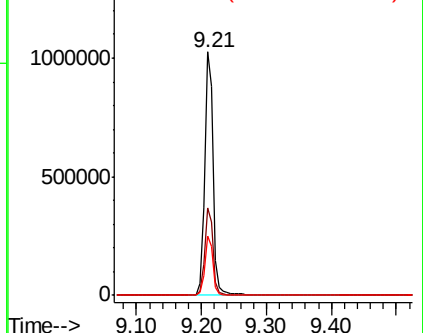
#45
2-Fluorobiphenyl
Concen: 52.044 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :
K005-AB-WC-1

Tot Ion:172 Resp: 916545
Ion Ratio Lower Upper
172 100
171 35.9 29.3 43.9
170 24.4 19.2 28.8

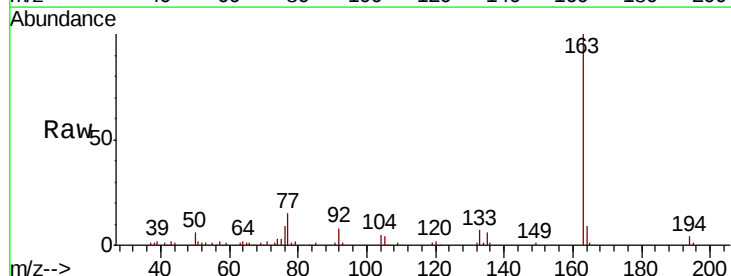


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

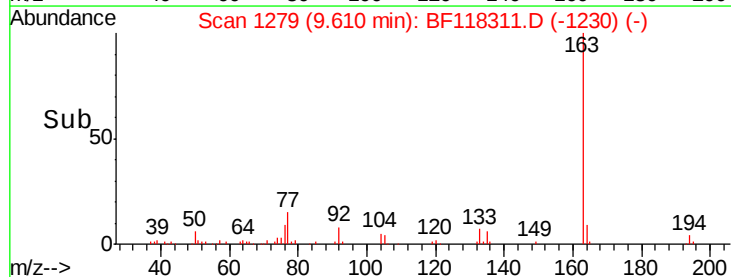
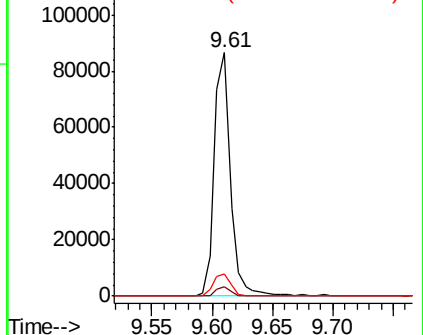


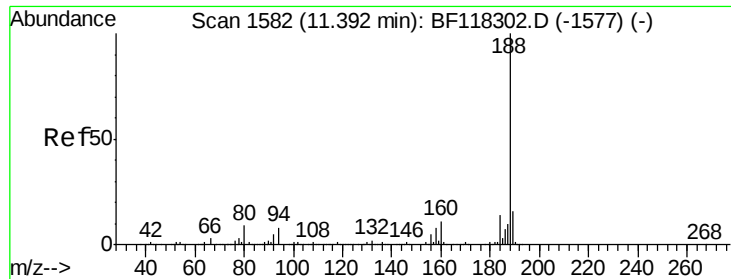
#50
Dimethylphthalate
Concen: 3.959 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Tgt Ion:163 Resp: 79898
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.1 7.9 11.9



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: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF118311.D

Acq: 26 Dec 2019 12:45

Instrument :

BNA_F

ClientSampleId :

K005-AB-WC-1

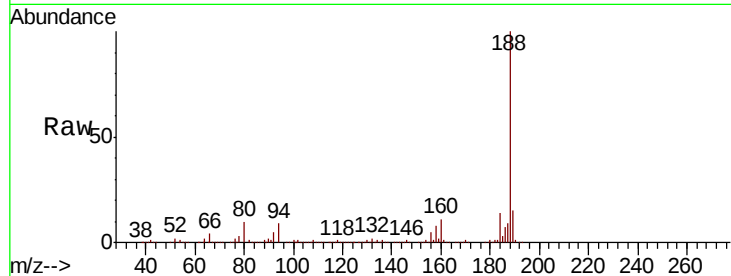
Tot Ion:188 Resp: 507278

Ion Ratio Lower Upper

188 100

94 8.7 6.7 10.1

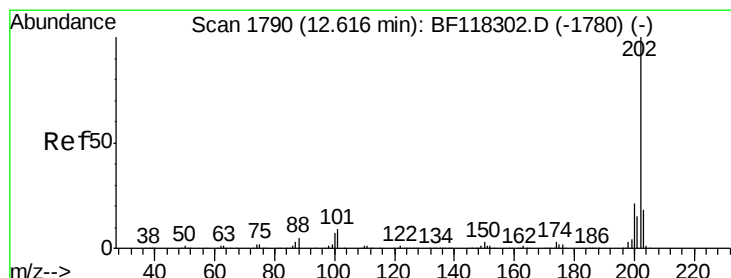
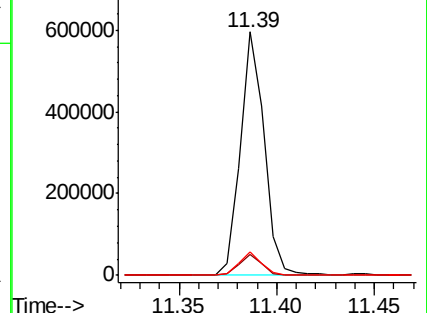
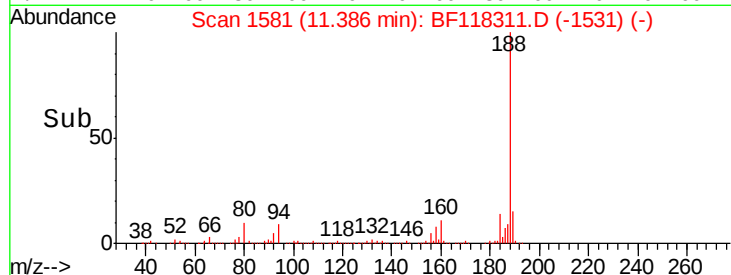
80 9.7 7.2 10.8



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



#75

Fluoranthene

Concen: 2.898 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF118311.D

Acq: 26 Dec 2019 12:45

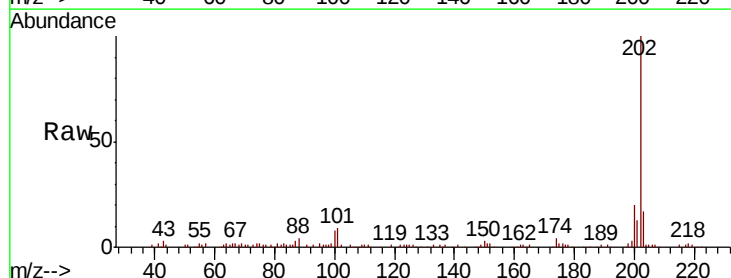
Tgt Ion:202 Resp: 80879

Ion Ratio Lower Upper

202 100

101 8.9 0.0 29.5

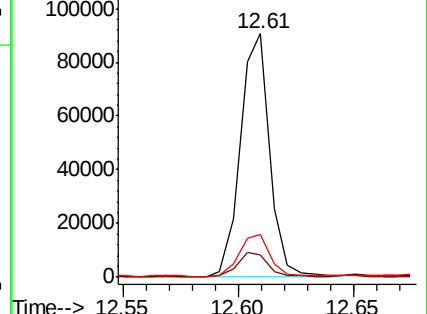
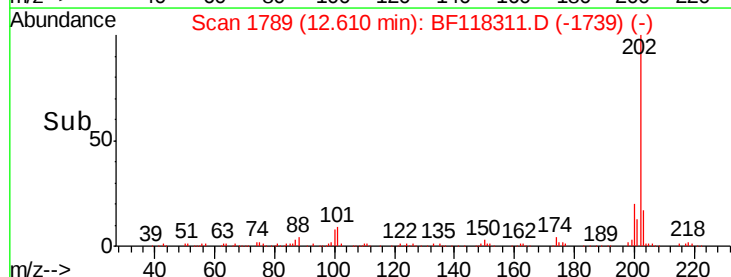
203 17.4 0.0 37.6

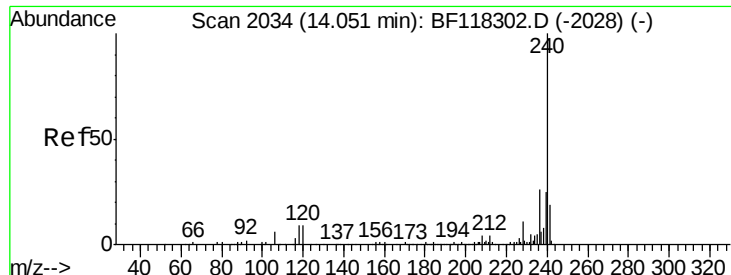


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

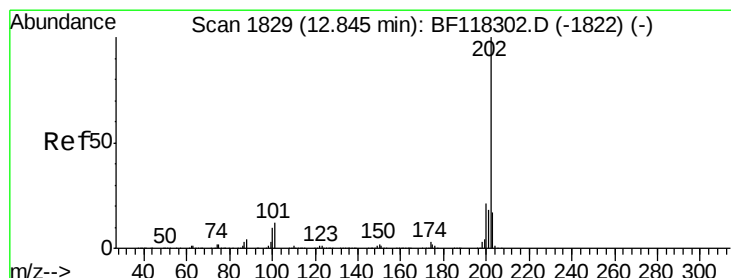
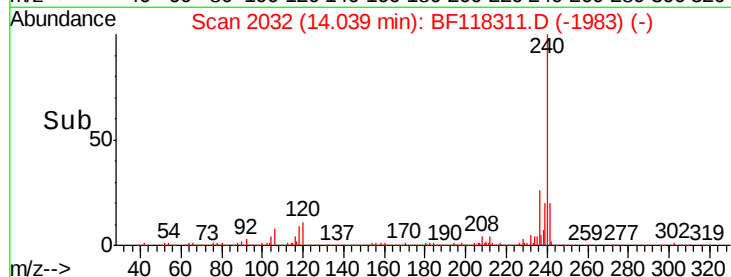
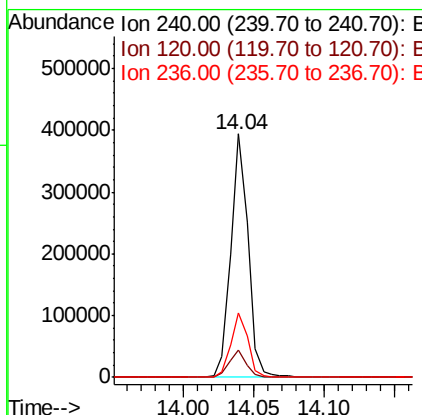
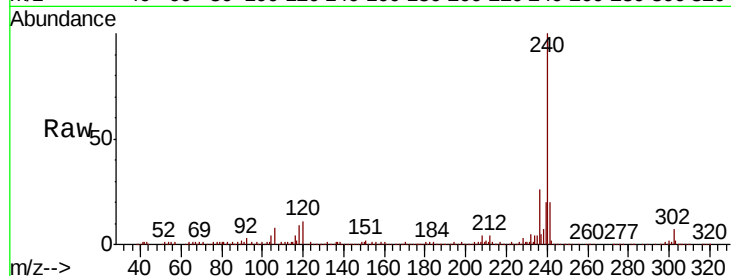




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF118311.D
 Acq: 26 Dec 2019 12:45

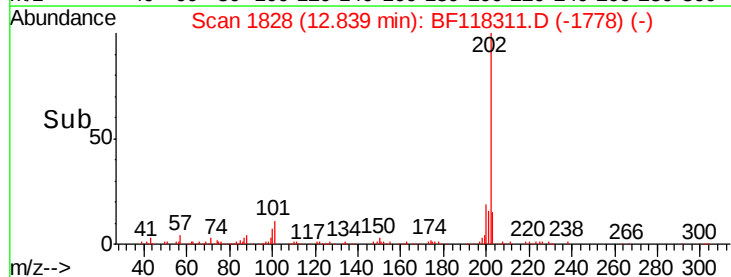
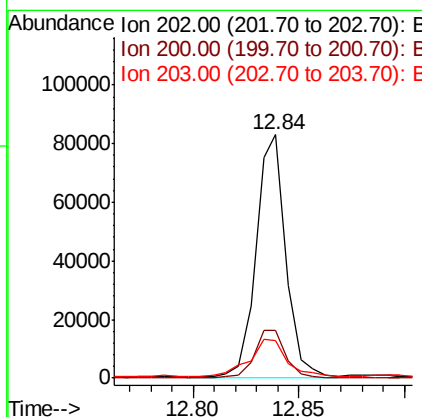
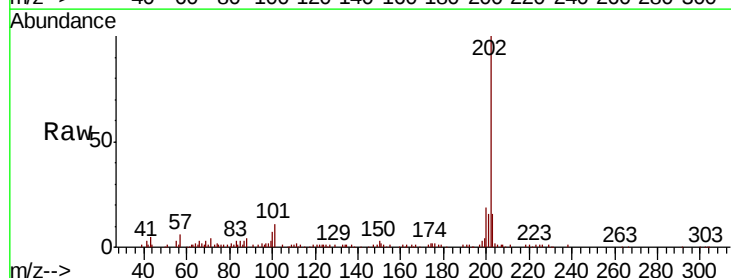
Instrument :
 BNA_F
 ClientSampleId :
 K005-AB-WC-1

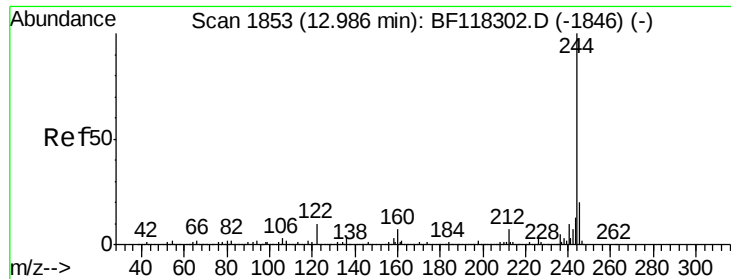
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	7.1	10.7#
236	26.2	21.0	31.6



#78
 Pyrene
 Concen: 2.998 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF118311.D
 Acq: 26 Dec 2019 12:45

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.4	16.8	25.2
203	15.6	13.9	20.9





#79

Terphenyl-d14

Concen: 55.736 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118311.D

Acq: 26 Dec 2019 12:45

Instrument :

BNA_F

ClientSampleId :

K005-AB-WC-1

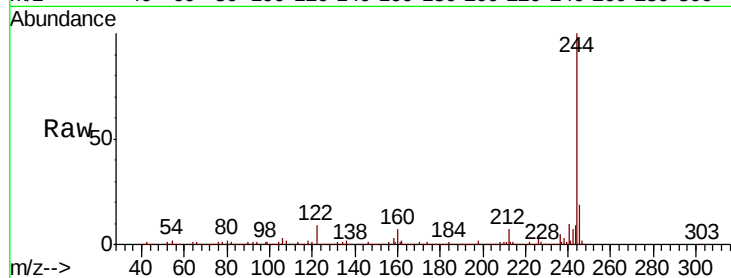
Tot Ion:244 Resp: 1128171

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

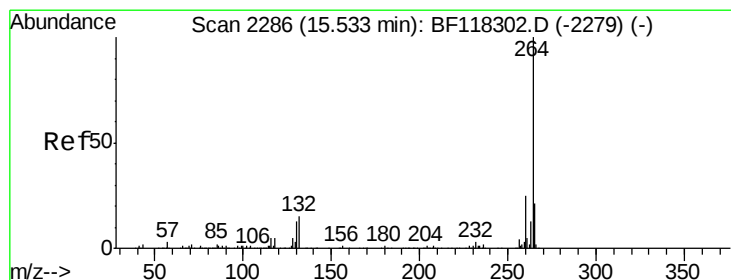
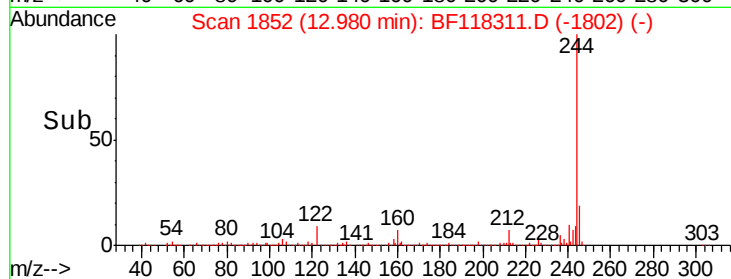
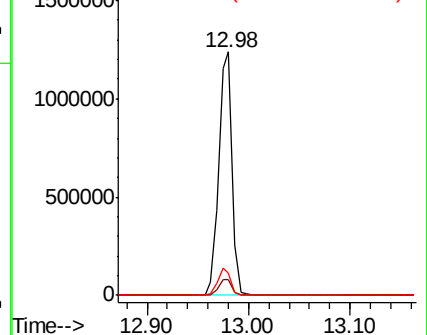
122 8.9 7.8 11.8



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

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BF118311.D

Acq: 26 Dec 2019 12:45

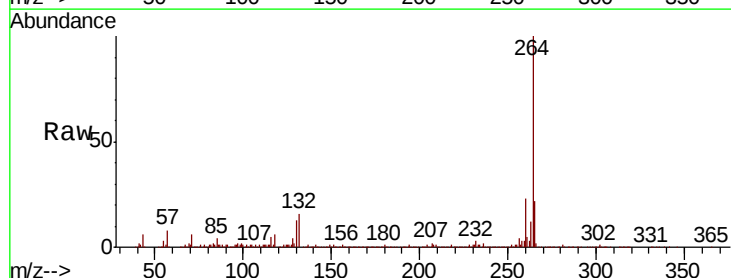
Tgt Ion:264 Resp: 351544

Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.6

265 22.0 17.0 25.4



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

