

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111922.D
 Acq On : 8 Jan 2019 22:06
 Operator : JU/SJ
 Sample : K1075-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASIN-1

Quant Time: Jan 09 01:32:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

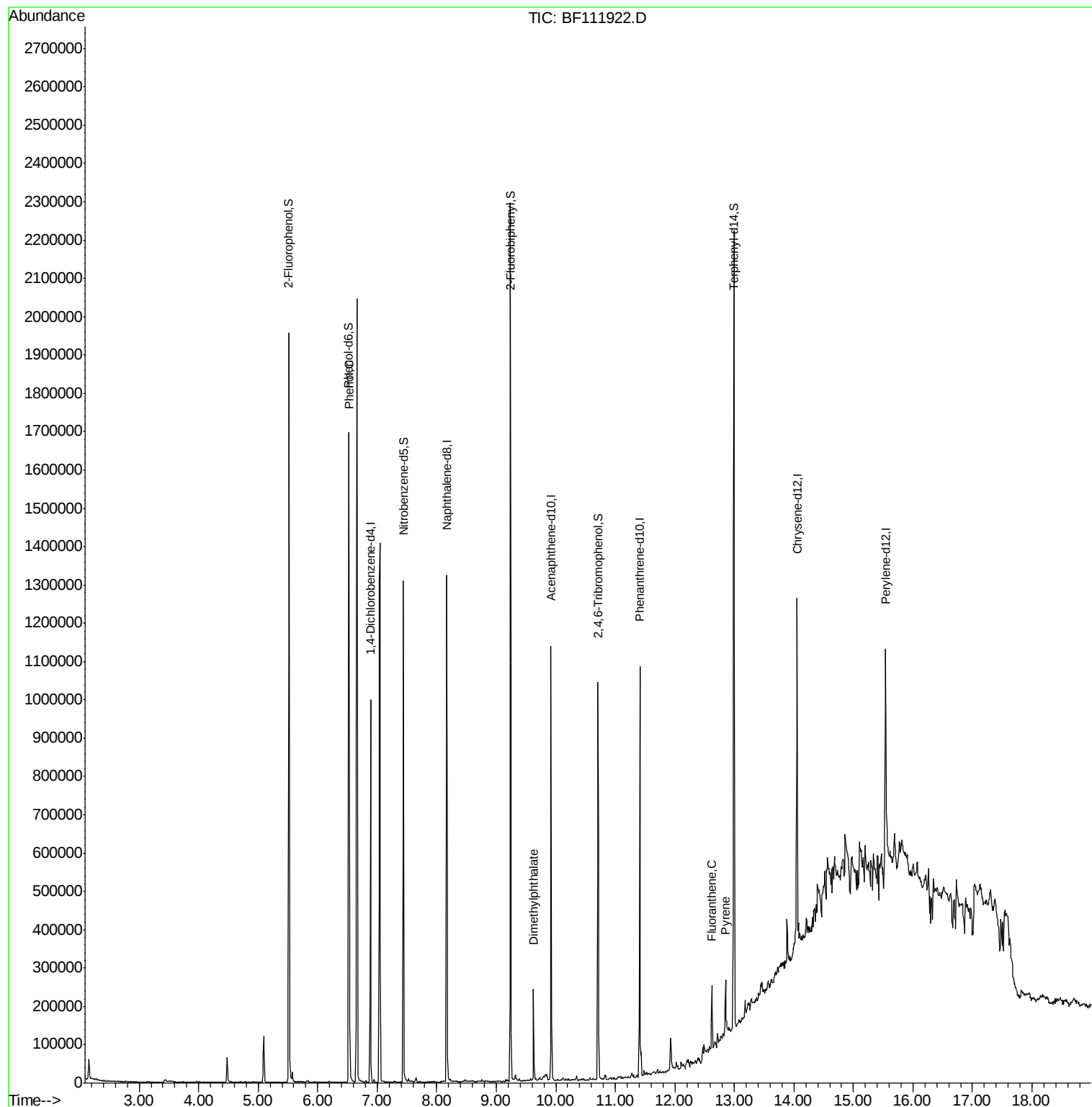
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	139275	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	546074	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	201501	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	357481	20.00	ng	0.00
76) Chrysene-d12	14.05	240	292187	20.00	ng	0.00
87) Perylene-d12	15.54	264	226018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	478039	58.72	ng	0.00
7) Phenol-d6	6.52	99	568613	54.19	ng	-0.01
23) Nitrobenzene-d5	7.44	82	376935	36.89	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	115660	44.13	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	624171	45.17	ng	-0.01
79) Terphenyl-d14	12.99	244	651513	42.33	ng	0.00
Target Compounds						
10) Phenol	6.53	94	29400	2.578	ng	89
50) Dimethylphthalate	9.63	163	86888	5.740	ng	100
75) Fluoranthene	12.62	202	63370	3.230	ng	98
78) Pyrene	12.85	202	56519	2.811	ng	100

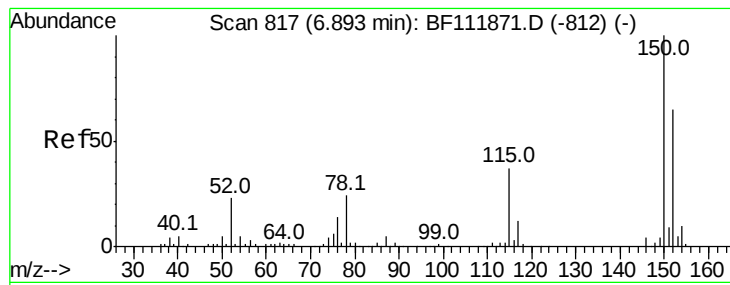
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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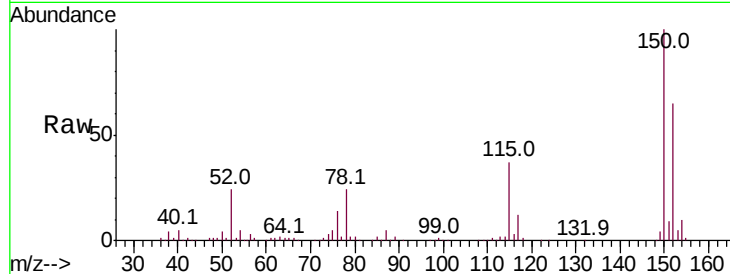


#1

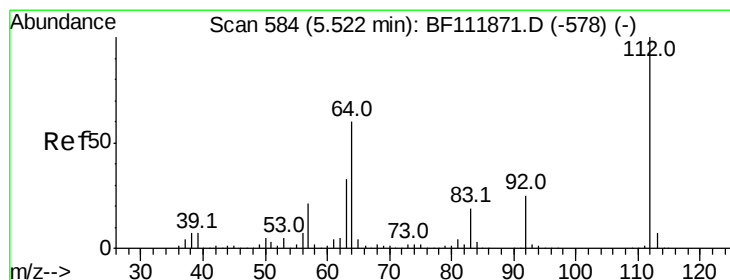
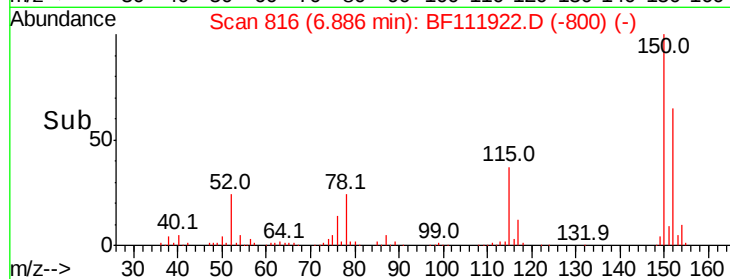
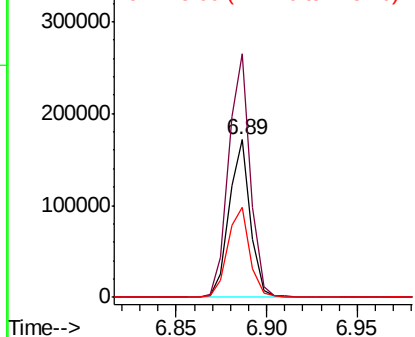
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111922.D
Acq: 8 Jan 2019 22:06

Instrument :
BNA_F
ClientSampleId :
BASIN-1

Tot Ion:152 Resp: 139275
Ion Ratio Lower Upper
152 100
150 154.5 122.7 184.1
115 57.4 45.2 67.8



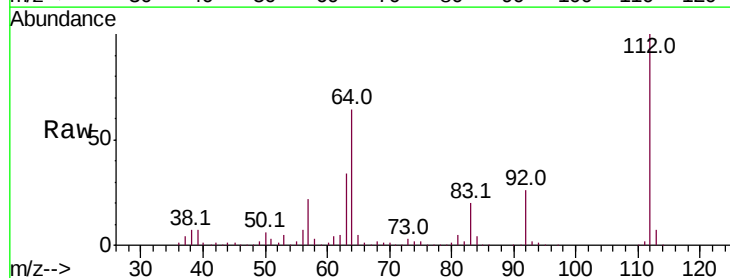
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



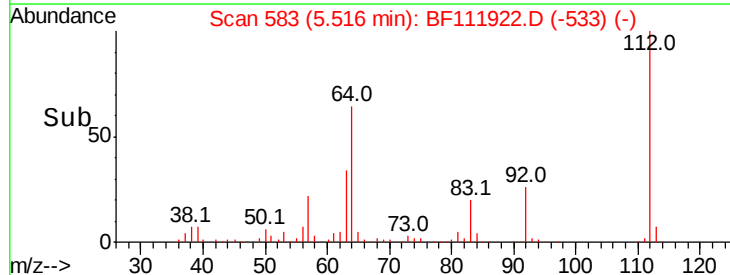
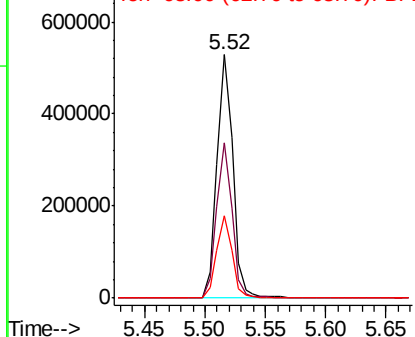
#5

2-Fluorophenol
Concen: 58.721 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111922.D
Acq: 8 Jan 2019 22:06

Tgt Ion:112 Resp: 478039
Ion Ratio Lower Upper
112 100
64 63.9 48.3 72.5
63 33.8 26.1 39.1



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: 54.192 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111922.D

Acq: 8 Jan 2019 22:06

Instrument :

BNA_F

ClientSampleId :

BASIN-1

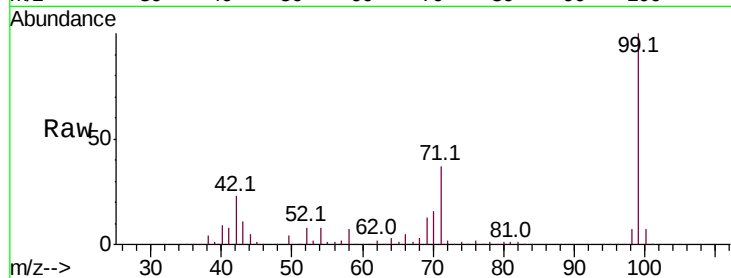
Tot Ion: 99 Resp: 568613

Ion Ratio Lower Upper

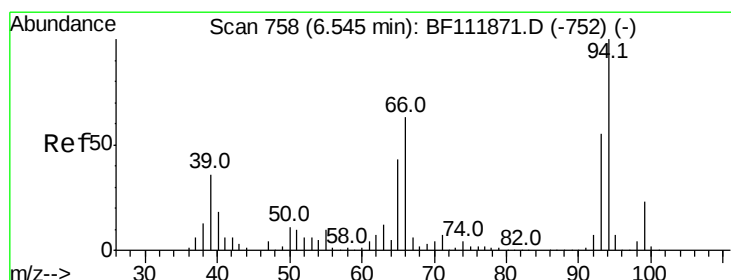
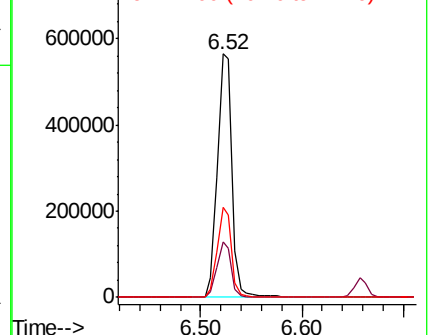
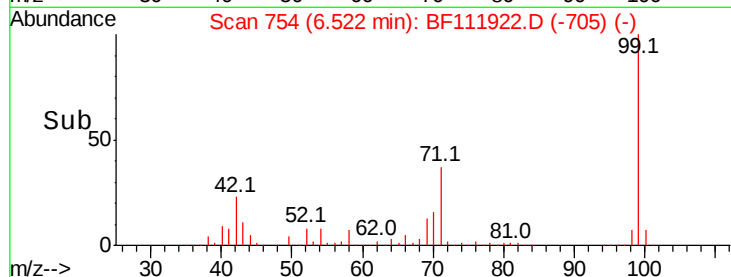
99 100

42 22.9 17.9 26.9

71 37.1 28.7 43.1



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: 2.578 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF111922.D

Acq: 8 Jan 2019 22:06

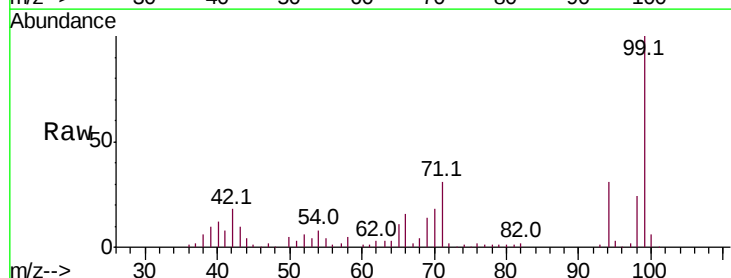
Tgt Ion: 94 Resp: 29400

Ion Ratio Lower Upper

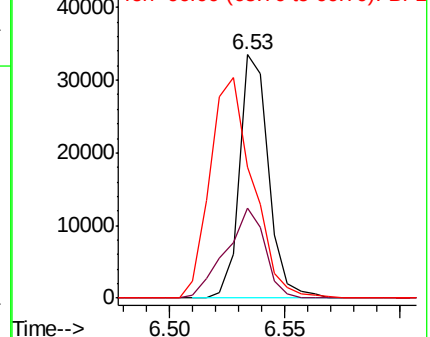
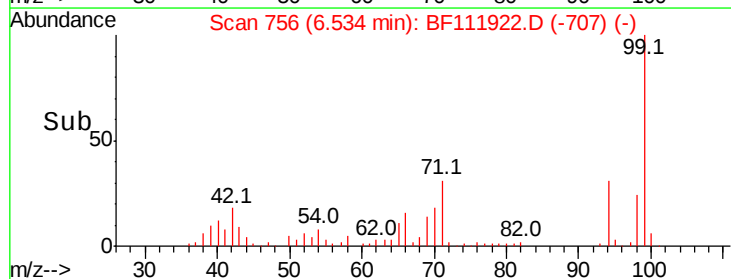
94 100

65 36.7 22.8 62.8

66 53.8 43.3 83.3



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

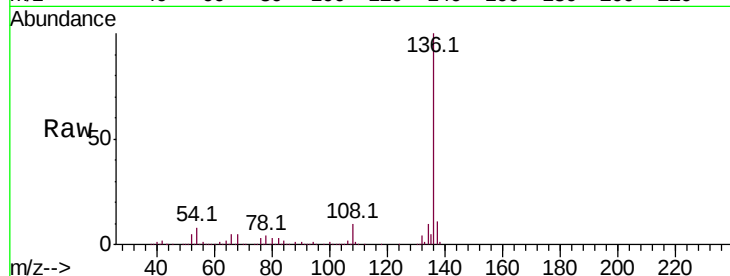




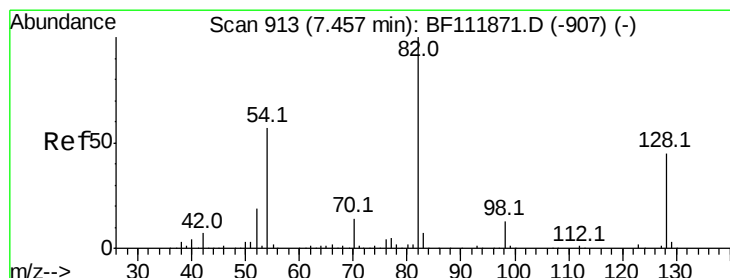
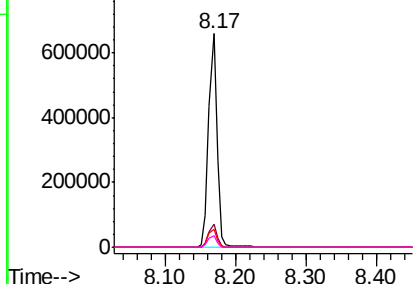
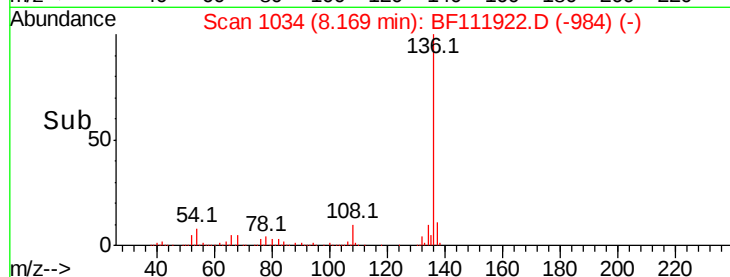
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111922.D
Acq: 8 Jan 2019 22:06

Instrument :
BNA_F
ClientSampleId :
BASIN-1

Tot Ion:136 Resp: 546074
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 8.2 7.2 10.8
68 5.3 4.4 6.6

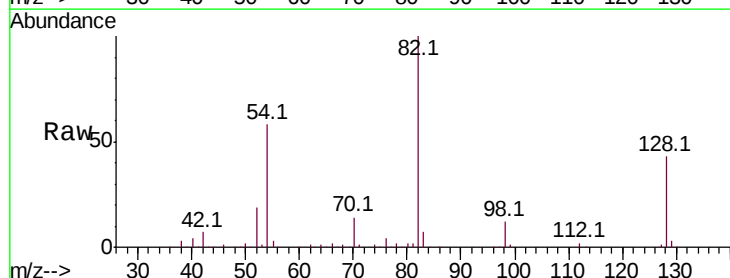


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

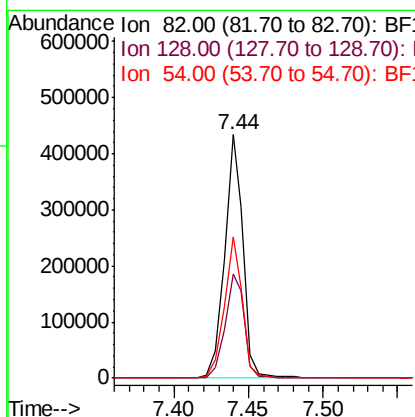
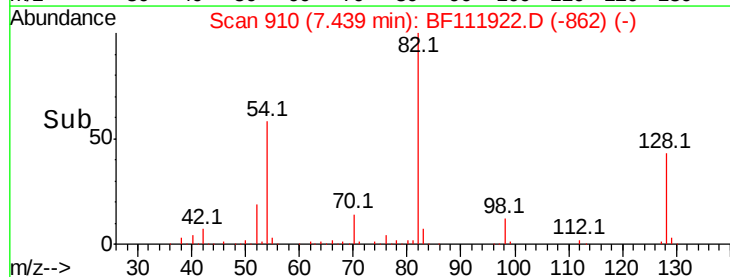


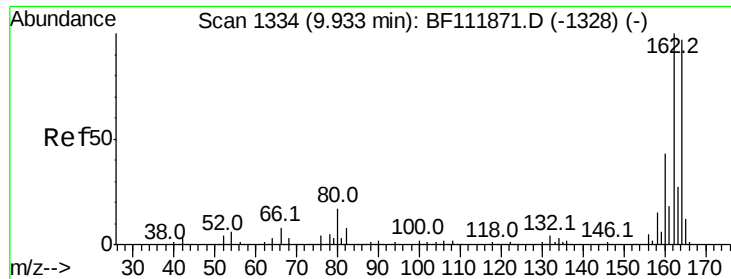
#23
Nitrobenzene-d5
Concen: 36.891 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111922.D
Acq: 8 Jan 2019 22:06

Tgt Ion: 82 Resp: 376935
Ion Ratio Lower Upper
82 100
128 42.9 35.7 53.5
54 57.8 45.8 68.8



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: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF111922.D

Acq: 8 Jan 2019 22:06

Instrument :

BNA_F

ClientSampleId :

BASIN-1

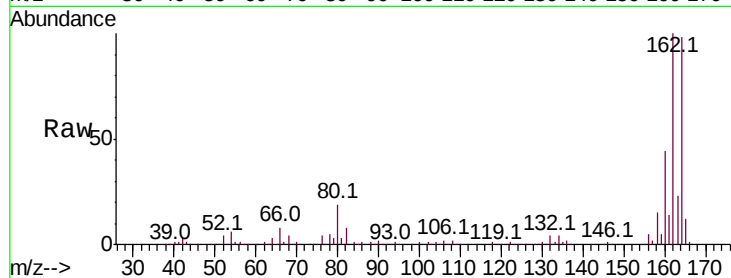
Tot Ion:164 Resp: 201501

Ion Ratio Lower Upper

164 100

162 101.6 82.2 123.2

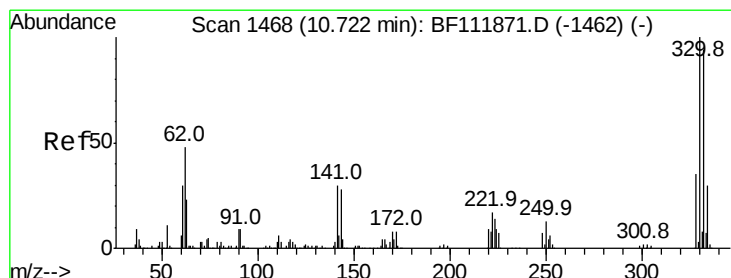
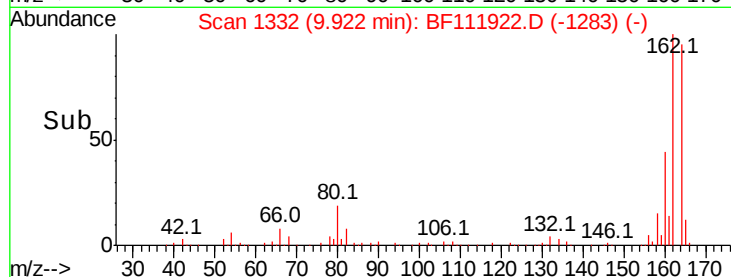
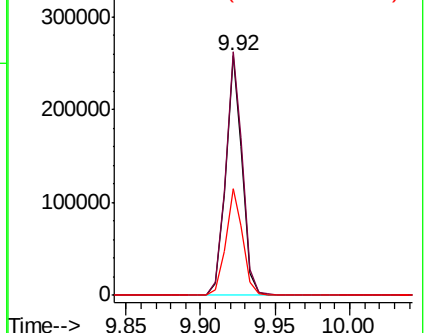
160 44.5 35.5 53.3



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: 44.130 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF111922.D

Acq: 8 Jan 2019 22:06

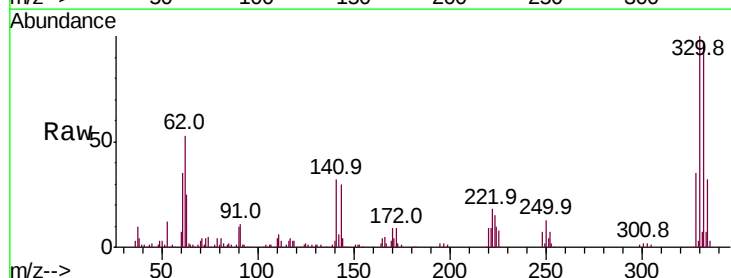
Tgt Ion:330 Resp: 115660

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

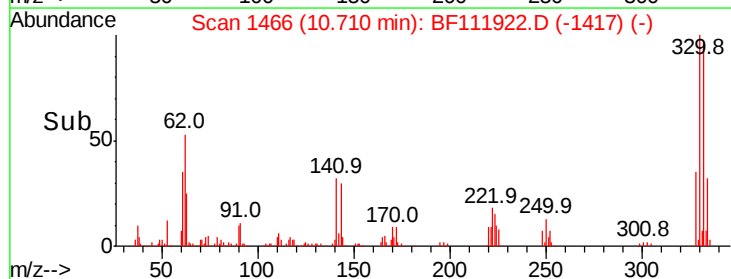
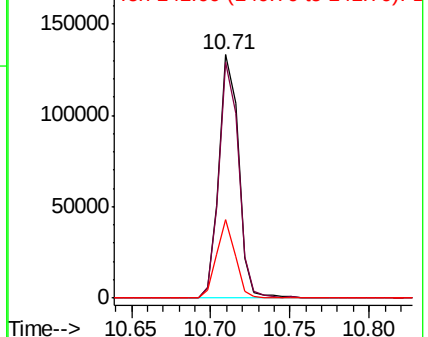
141 30.8 23.7 35.5

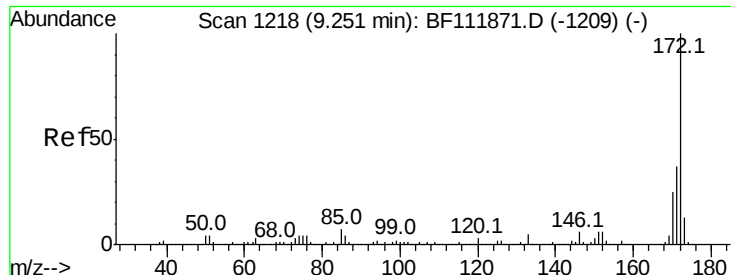


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

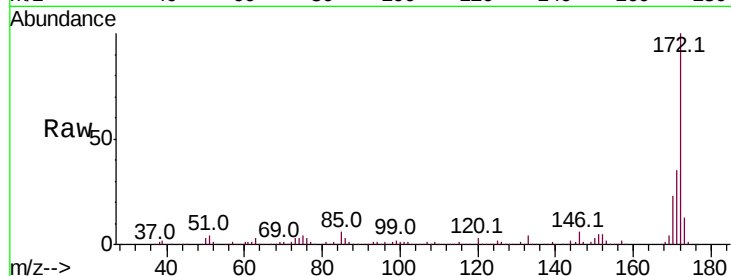




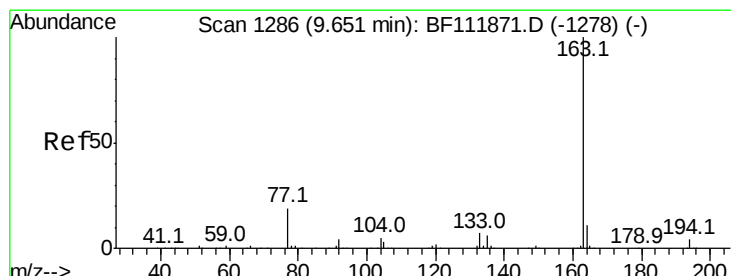
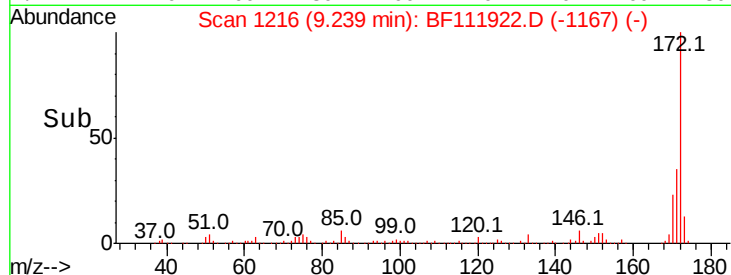
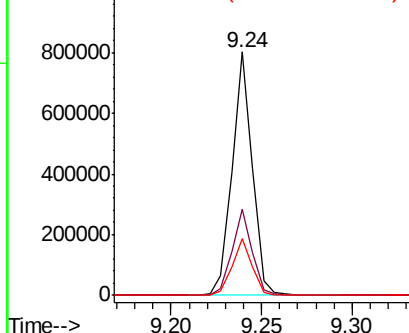
#45
2-Fluorobiphenyl
Concen: 45.169 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111922.D
Acq: 8 Jan 2019 22:06

Instrument :
BNA_F
ClientSampled :
BASIN-1

Tot Ion:172 Resp: 624171
Ion Ratio Lower Upper
172 100
171 35.2 29.6 44.4
170 23.4 19.8 29.8

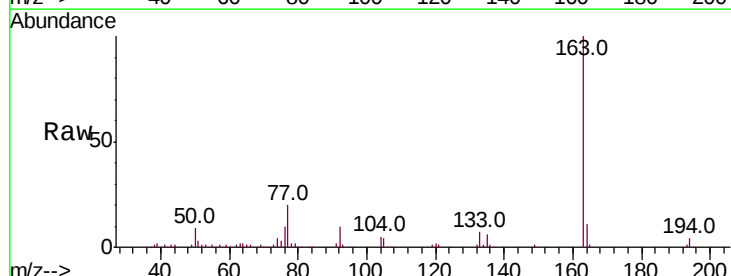


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

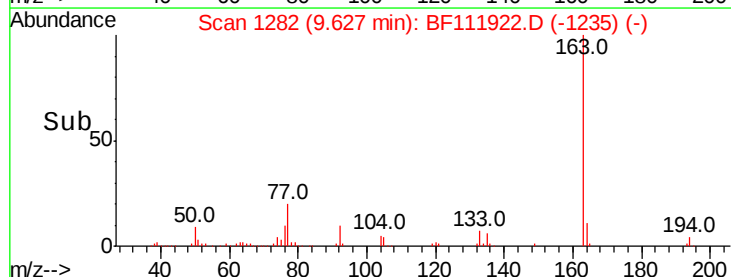
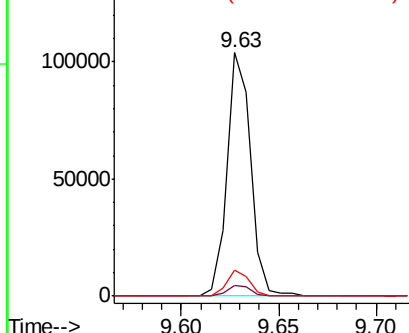


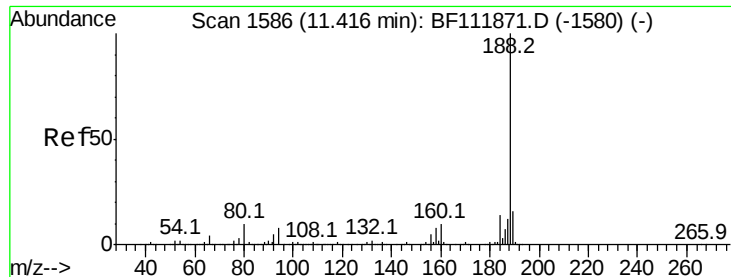
#50
Dimethylphthalate
Concen: 5.740 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111922.D
Acq: 8 Jan 2019 22:06

Tgt Ion:163 Resp: 86888
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.6 8.5 12.7



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

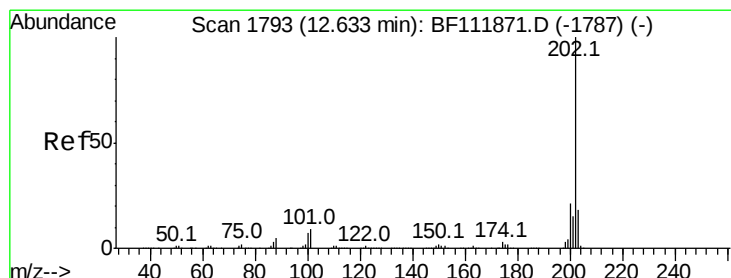
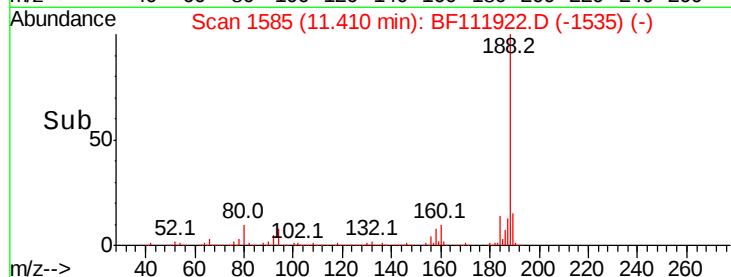
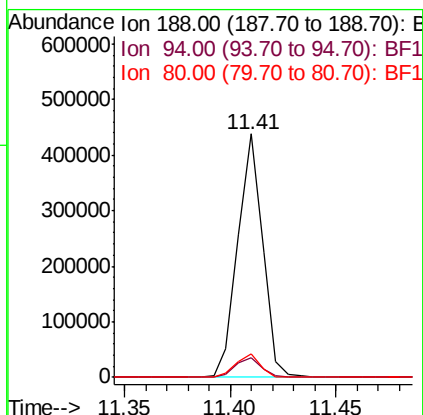
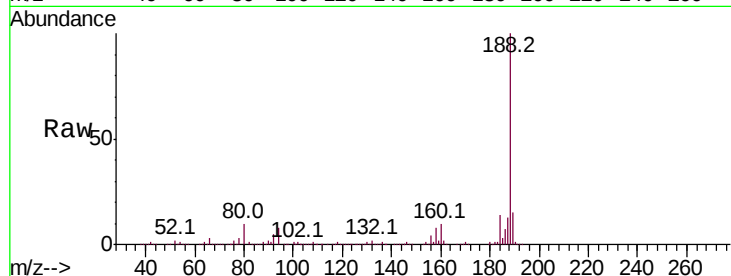




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111922.D
Acq: 8 Jan 2019 22:06

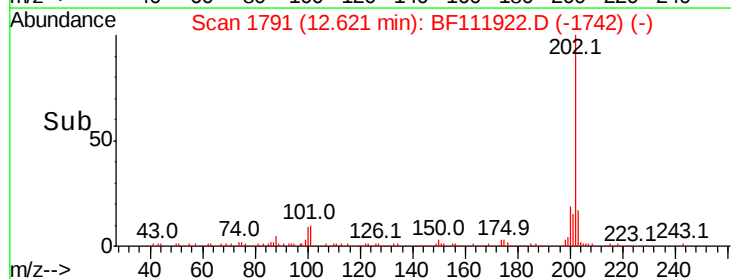
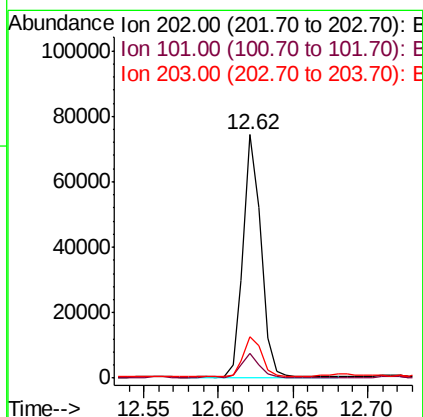
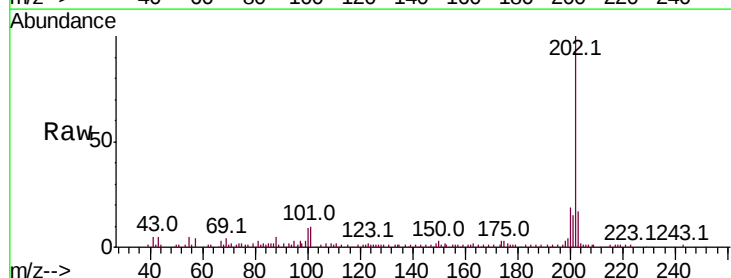
Instrument :
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BASIN-1

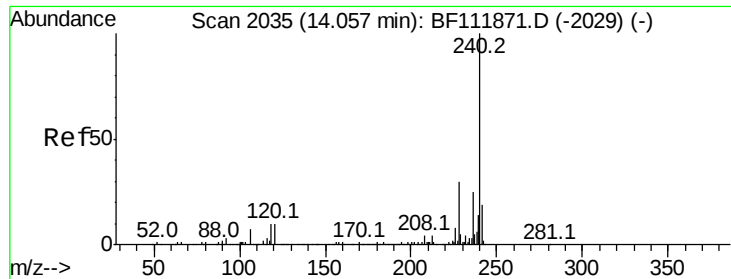
Tot Ion:188 Resp: 357481
Ion Ratio Lower Upper
188 100
94 8.2 6.6 10.0
80 9.7 7.7 11.5



#75
Fluoranthene
Concen: 3.230 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF111922.D
Acq: 8 Jan 2019 22:06

Tgt Ion:202 Resp: 63370
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.3
203 16.8 0.0 37.6

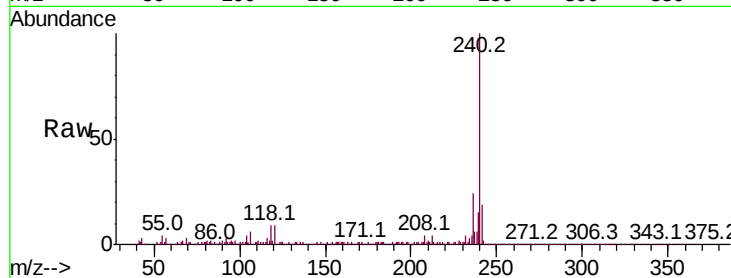




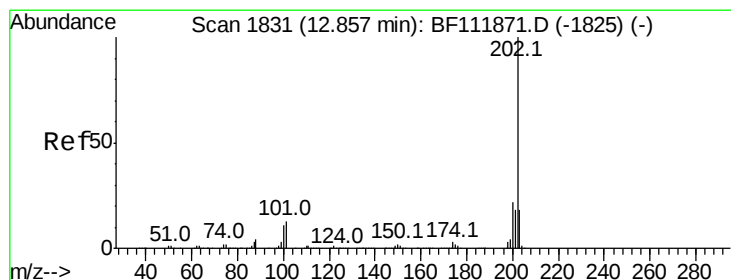
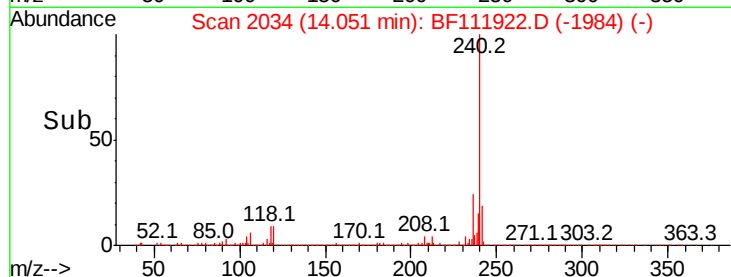
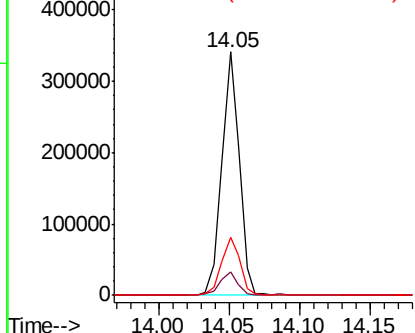
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111922.D
Acq: 8 Jan 2019 22:06

Instrument :
BNA_F
ClientSampleId :
BASIN-1

Tot Ion:240 Resp: 292187
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.2
236 24.1 20.2 30.4

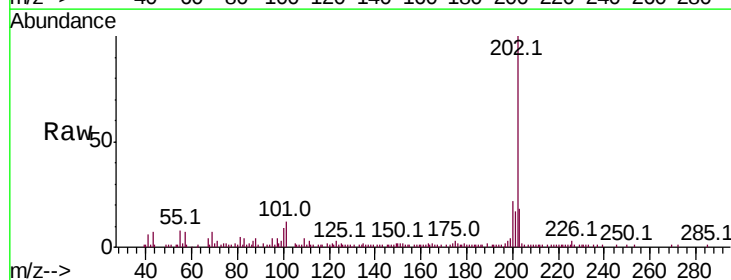


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

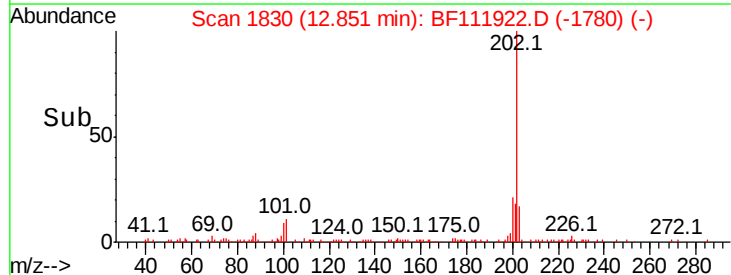
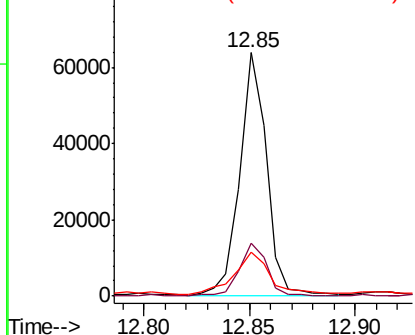


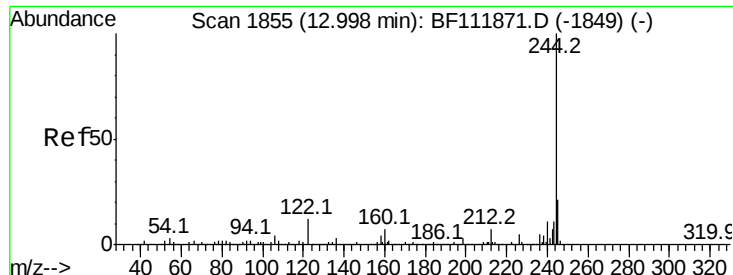
#78
Pyrene
Concen: 2.811 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111922.D
Acq: 8 Jan 2019 22:06

Tgt Ion:202 Resp: 56519
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 18.2 14.6 21.8



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

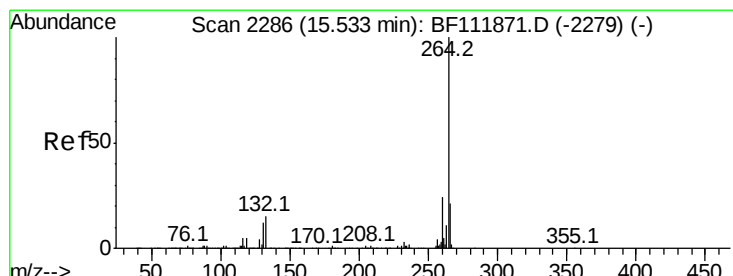
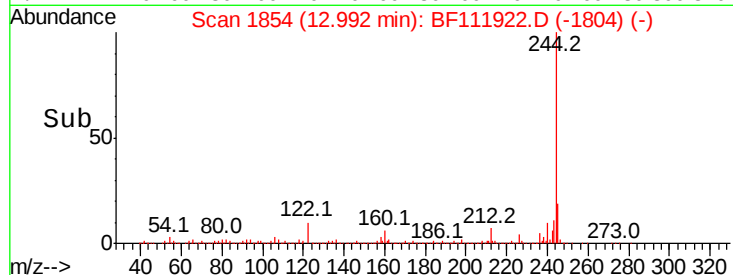
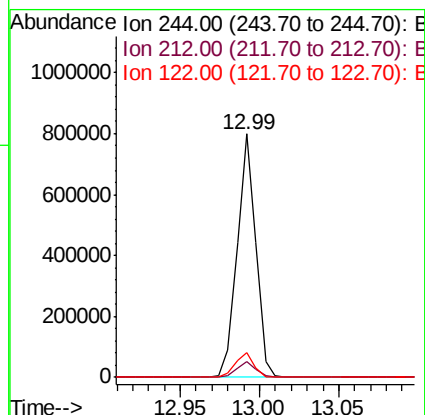
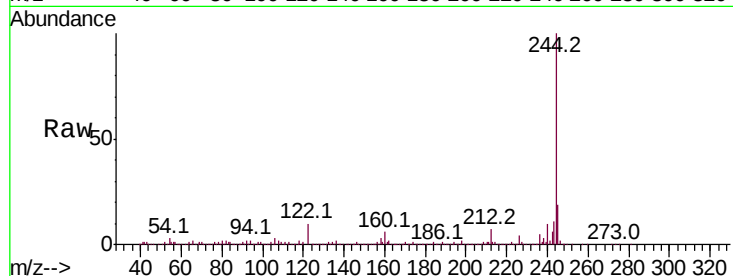




#79
 Terphenyl-d14
 Concen: 42.326 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111922.D
 Acq: 8 Jan 2019 22:06

Instrument :
 BNA_F
 ClientSampleId :
 BASIN-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.0	9.5	14.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF111922.D
 Acq: 8 Jan 2019 22:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.3	17.1	25.7

