

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110978.D
 Acq On : 26 Nov 2018 21:56
 Operator : JU/SJ
 Sample : J5774-03 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-112118

Quant Time: Nov 27 04:12:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 15:26:09 2018
 Response via : Initial Calibration

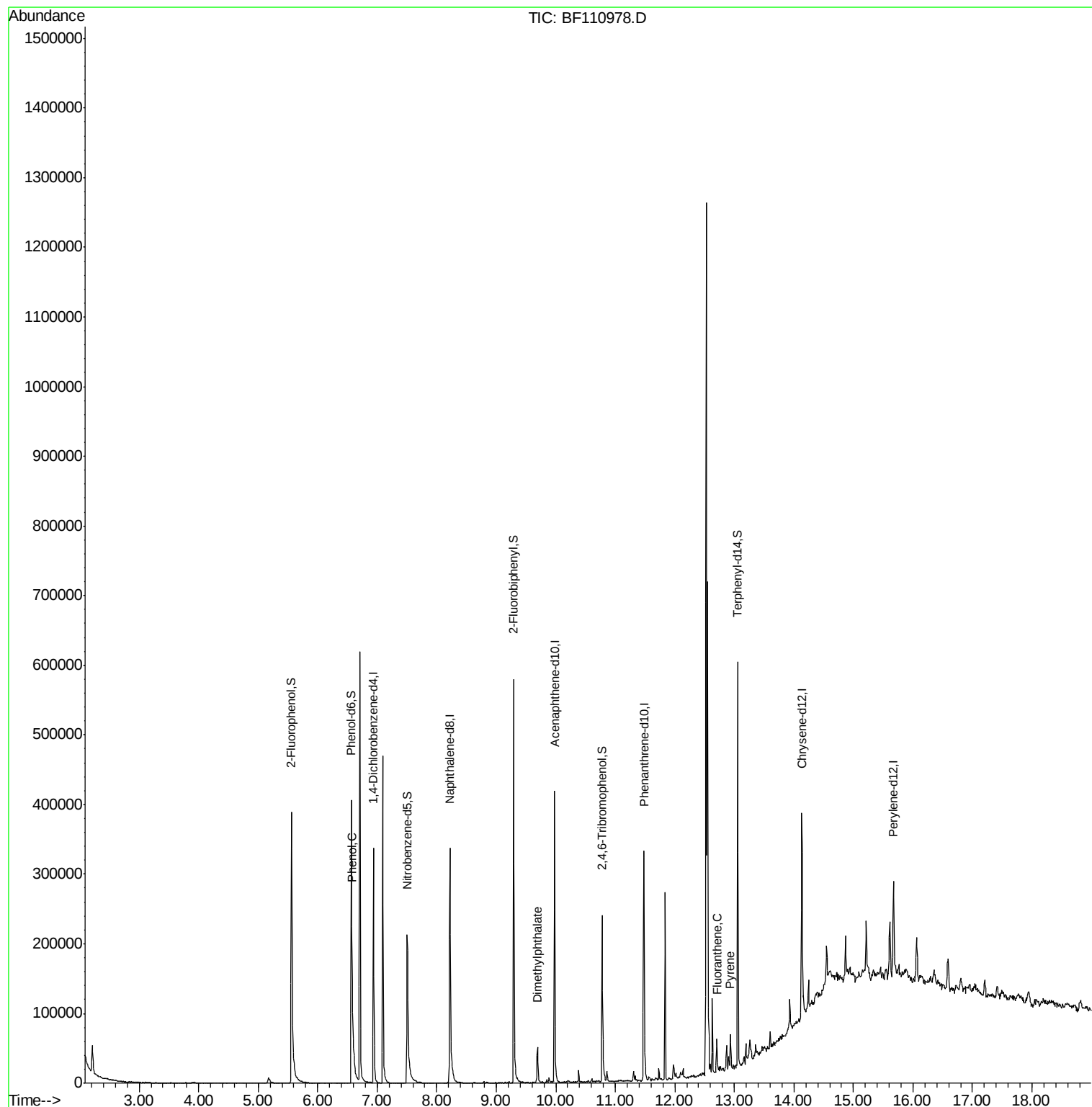
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	58713	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	218777	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	84822	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	150637	20.00	ng	0.00
76) Chrysene-d12	14.13	240	97402	20.00	ng	0.00
87) Perylene-d12	15.67	264	74931	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	167290	47.25	ng	0.00
7) Phenol-d6	6.56	99	208502	45.19	ng	0.00
23) Nitrobenzene-d5	7.50	82	117178	30.65	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	34831	41.35	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	204506	34.93	ng	0.00
79) Terphenyl-d14	13.06	244	175346	35.04	ng	0.00
Target Compounds						
10) Phenol	6.58	94	11244	2.164	ng	84
50) Dimethylphthalate	9.69	163	27602	4.437	ng	100
75) Fluoranthene	12.70	202	19368	2.362	ng	98
78) Pyrene	12.93	202	20677	2.907	ng	96

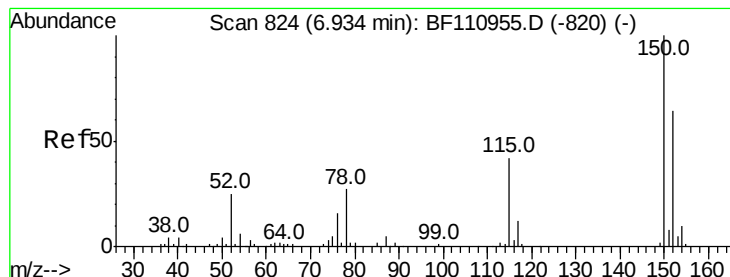
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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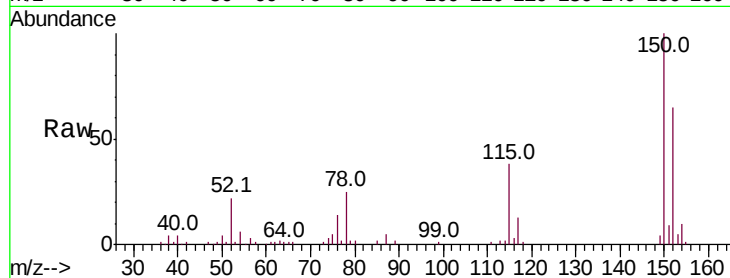


#1

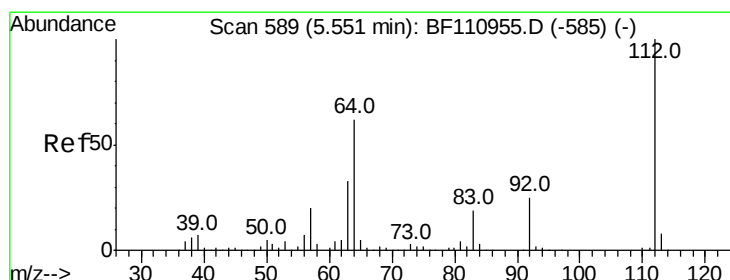
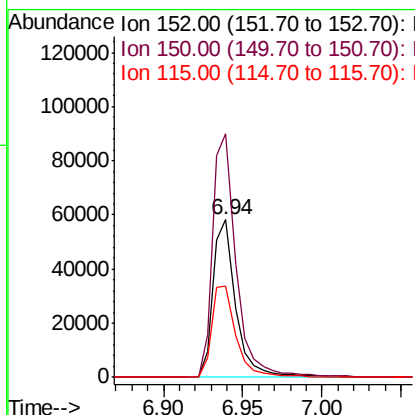
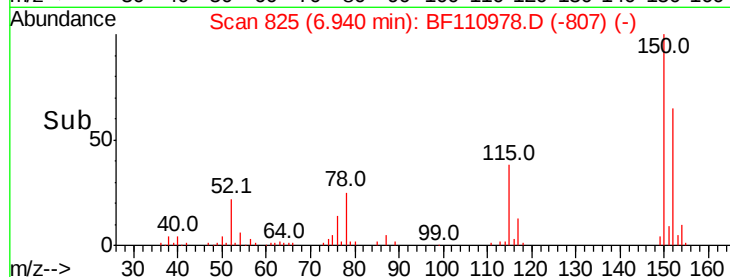
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BF110978.D
 Acq: 26 Nov 2018 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-112118

Tot Ion:152 Resp: 58713
 Ion Ratio Lower Upper
 152 100
 150 154.8 122.7 184.1
 115 58.3 49.1 73.7



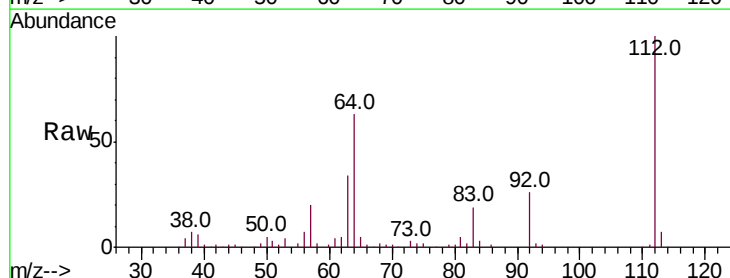
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



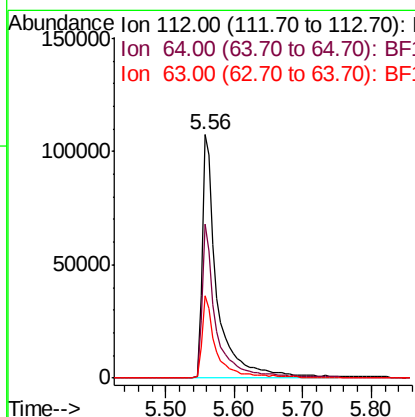
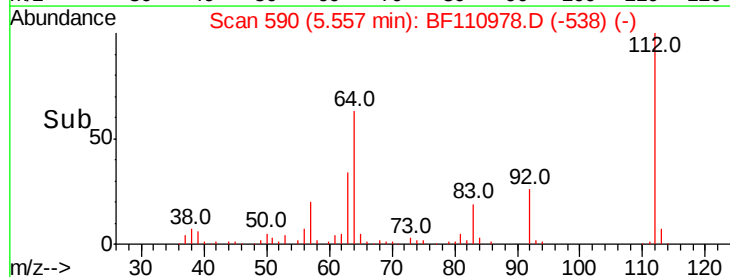
#5

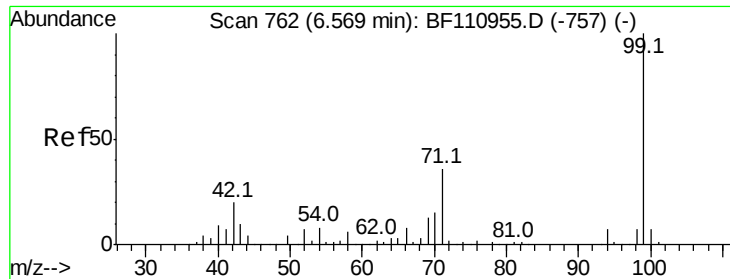
2-Fluorophenol
 Concen: 47.250 ng
 RT: 5.56 min Scan# 590
 Delta R.T. 0.01 min
 Lab File: BF110978.D
 Acq: 26 Nov 2018 21:56

Tgt Ion:112 Resp: 167290
 Ion Ratio Lower Upper
 112 100
 64 63.3 44.1 66.1
 63 34.0 23.7 35.5



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: 45.190 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110978.D

Acq: 26 Nov 2018 21:56

Instrument :

BNA_F

ClientSampleId :

SU-02-112118

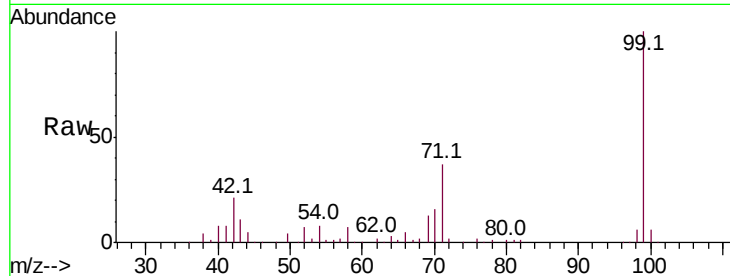
Tot Ion: 99 Resp: 208502

Ion Ratio Lower Upper

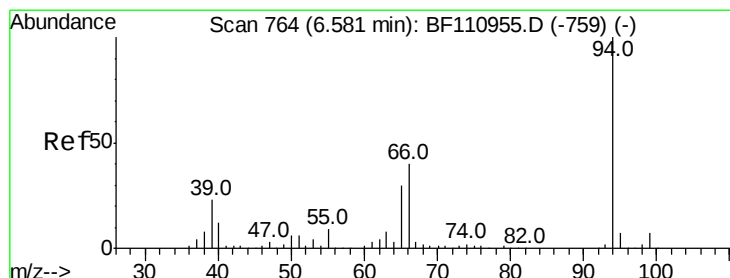
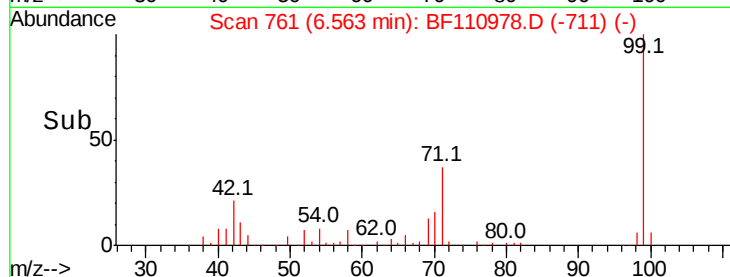
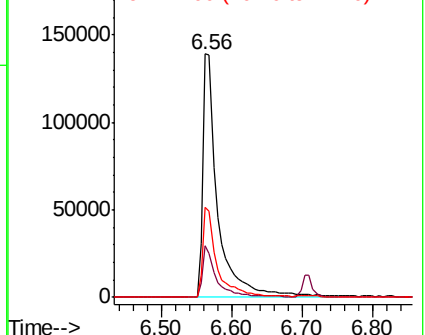
99 100

42 21.0 15.8 23.6

71 37.2 28.0 42.0



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: 2.164 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110978.D

Acq: 26 Nov 2018 21:56

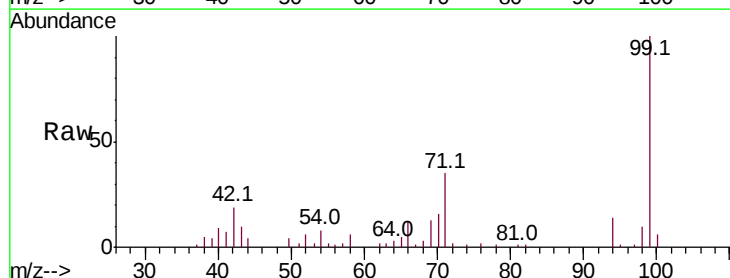
Tgt Ion: 94 Resp: 11244

Ion Ratio Lower Upper

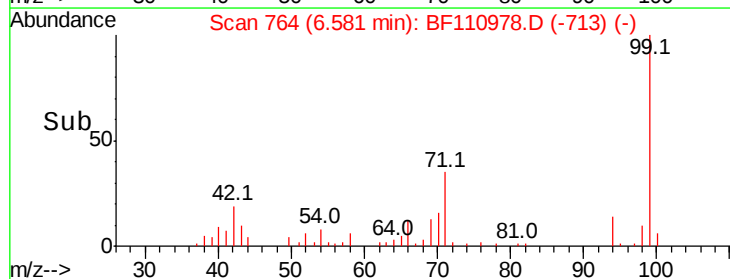
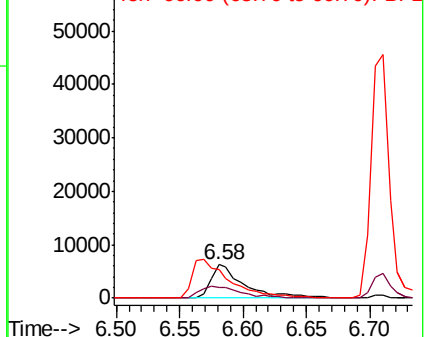
94 100

65 33.3 25.3 65.3

66 87.1 54.5 94.5



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

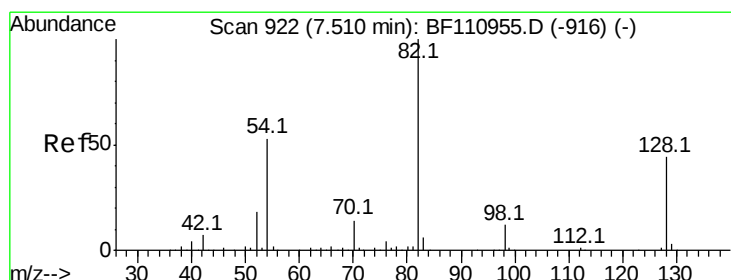
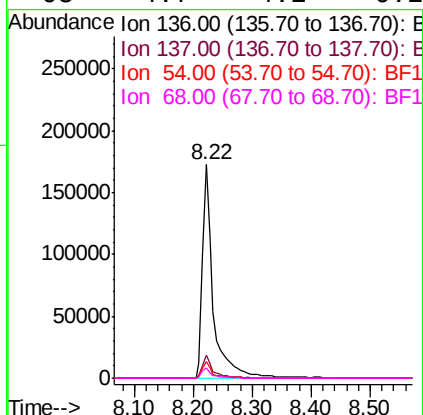
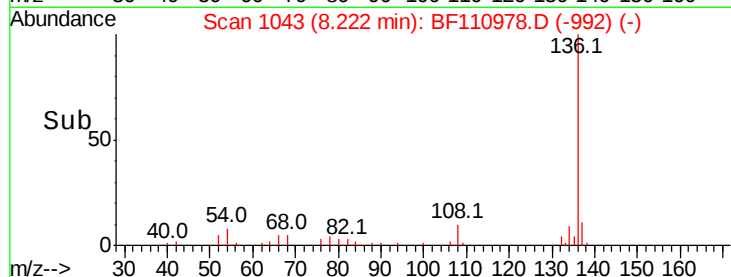
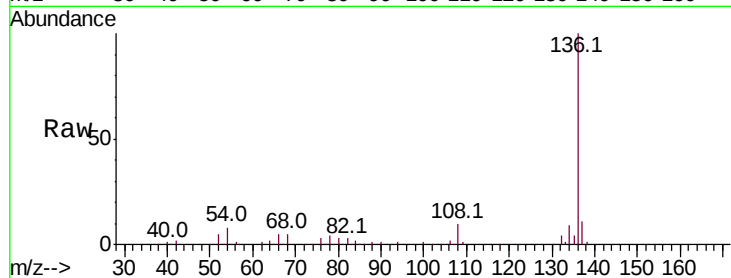




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF110978.D
Acq: 26 Nov 2018 21:56

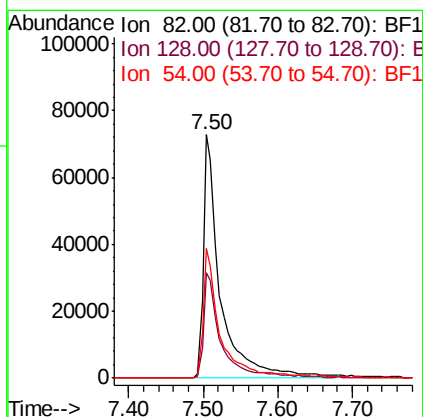
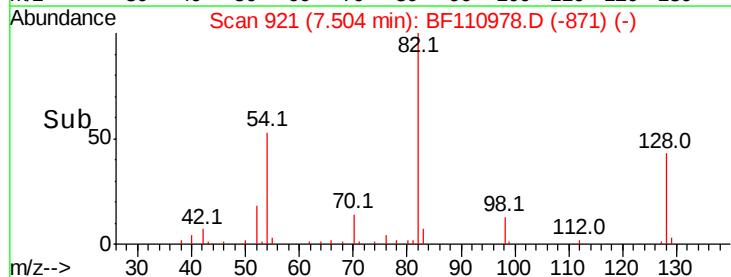
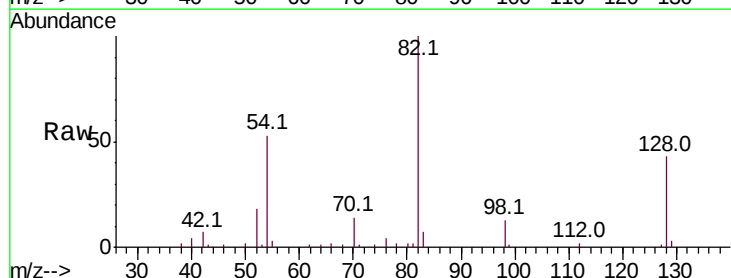
Instrument :
BNA_F
ClientSampleId :
SU-02-112118

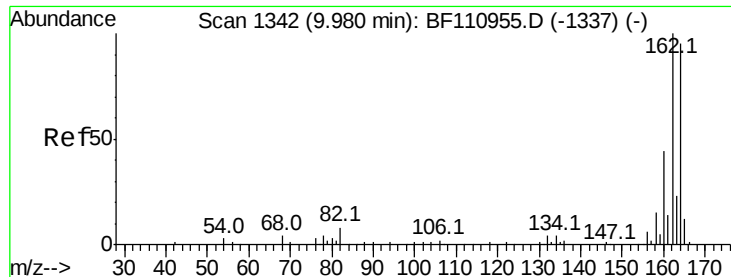
Tot Ion:136	Resp:	218777
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.8	13.2
54 8.1	5.4	8.2
68 4.7	4.2	6.2



#23
Nitrobenzene-d5
Concen: 30.653 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110978.D
Acq: 26 Nov 2018 21:56

Tgt	Ion: 82	Resp:	117178
Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.2	51.2
54	53.2	38.6	58.0

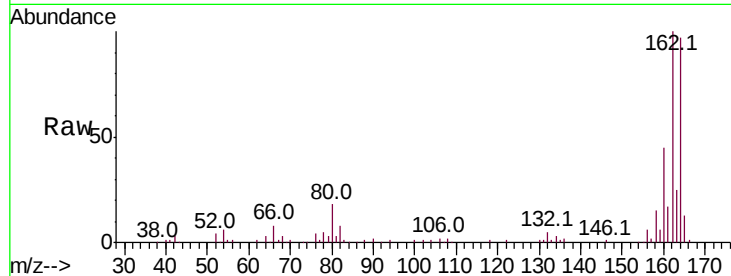




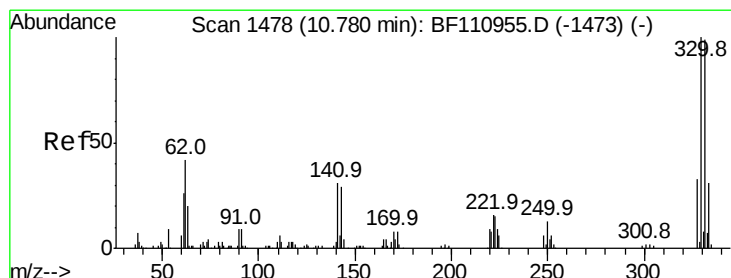
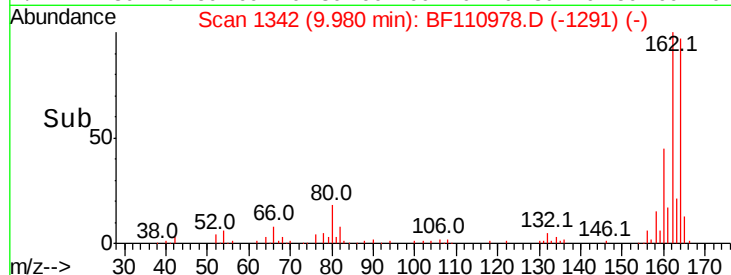
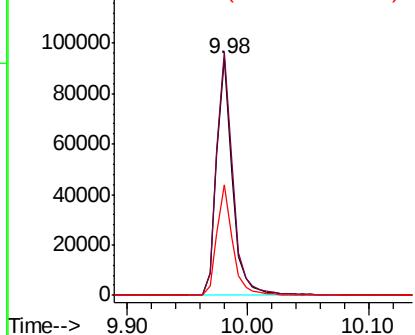
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF110978.D
Acq: 26 Nov 2018 21:56

Instrument :
BNA_F
ClientSampleId :
SU-02-112118

Tot Ion:164 Resp: 84822
Ion Ratio Lower Upper
164 100
162 102.9 83.0 124.6
160 46.4 37.0 55.6

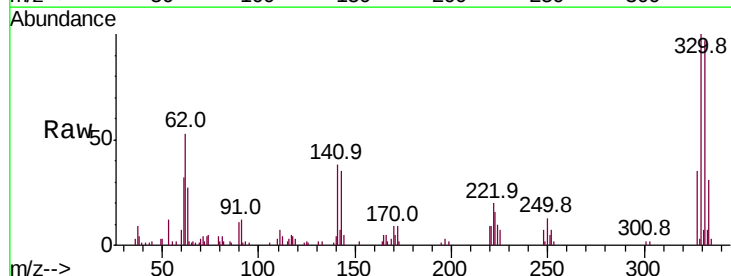


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

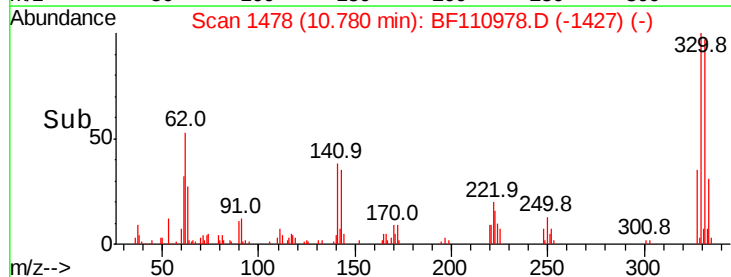
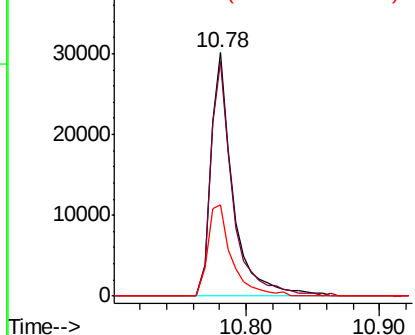


#42
2,4,6-Tribromophenol
Concen: 41.347 ng
RT: 10.78 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF110978.D
Acq: 26 Nov 2018 21:56

Tgt Ion:330 Resp: 34831
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 40.6 27.0 40.4#



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

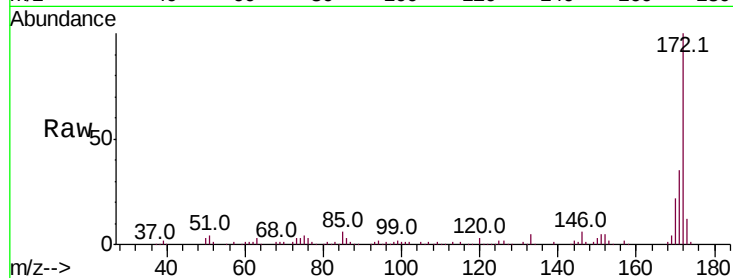




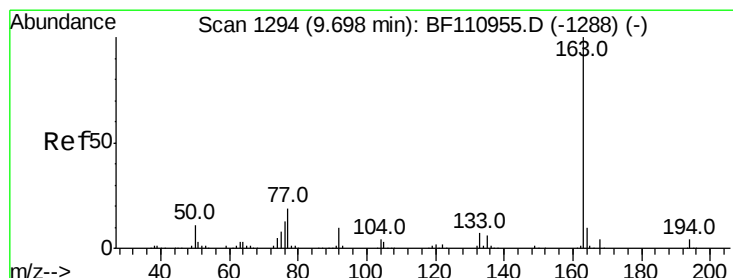
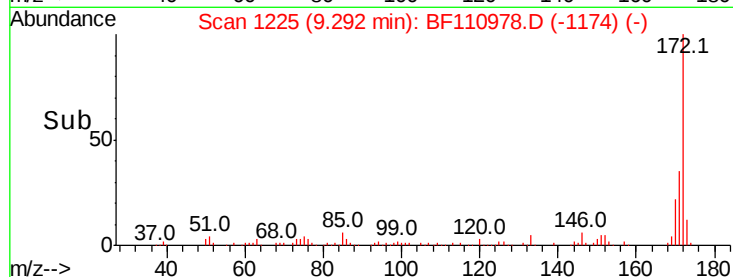
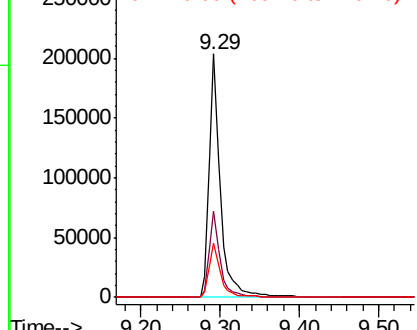
#45
 2-Fluorobiphenyl
 Concen: 34.930 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF110978.D
 Acq: 26 Nov 2018 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-112118

Tot Ion:172 Resp: 204506
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 22.4 19.7 29.5

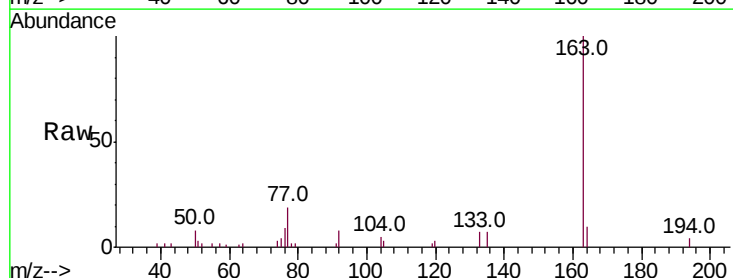


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

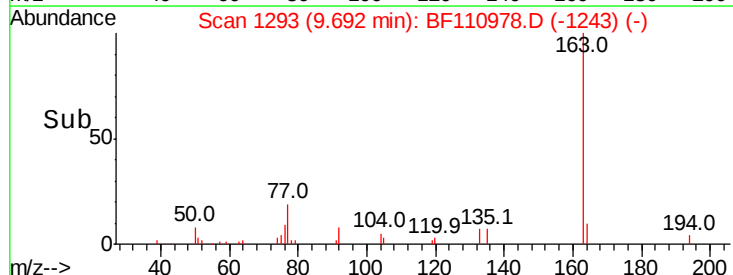
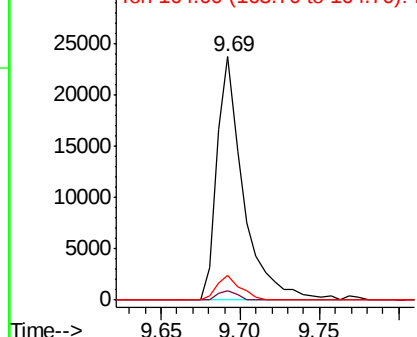


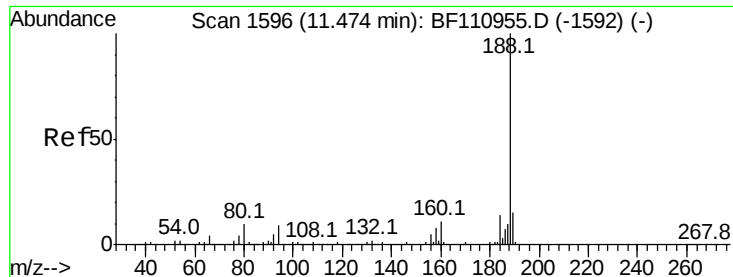
#50
 Dimethylphthalate
 Concen: 4.437 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF110978.D
 Acq: 26 Nov 2018 21:56

Tgt Ion:163 Resp: 27602
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.2 4.8
 164 10.0 8.1 12.1



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: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF110978.D

Acq: 26 Nov 2018 21:56

Instrument :

BNA_F

ClientSampleId :

SU-02-112118

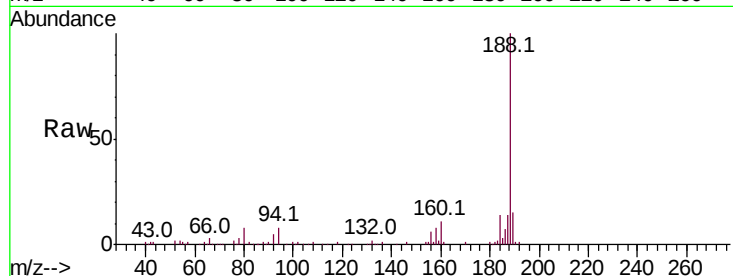
Tot Ion:188 Resp: 150637

Ion Ratio Lower Upper

188 100

94 7.9 7.2 10.8

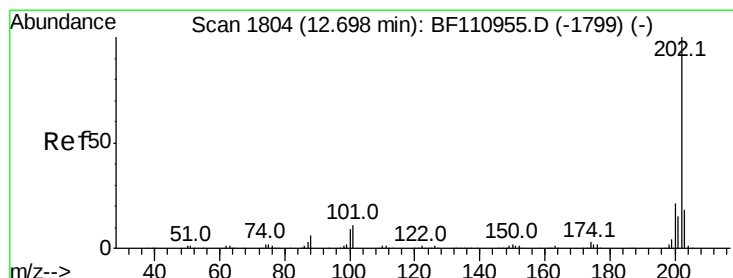
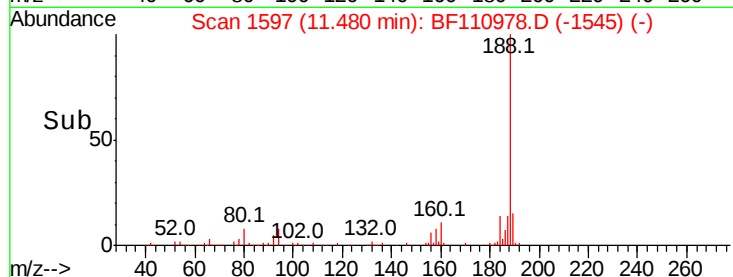
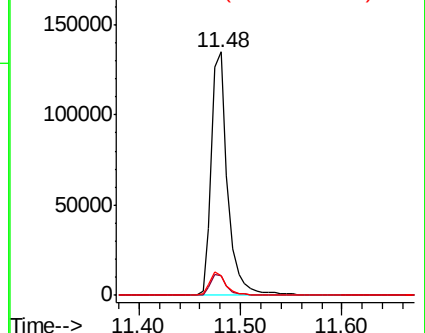
80 8.2 7.9 11.9



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



#75

Fluoranthene

Concen: 2.362 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF110978.D

Acq: 26 Nov 2018 21:56

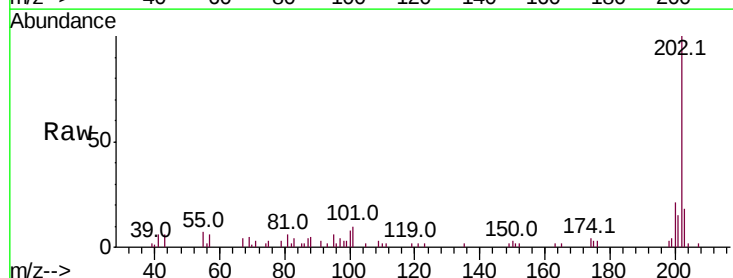
Tgt Ion:202 Resp: 19368

Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.4

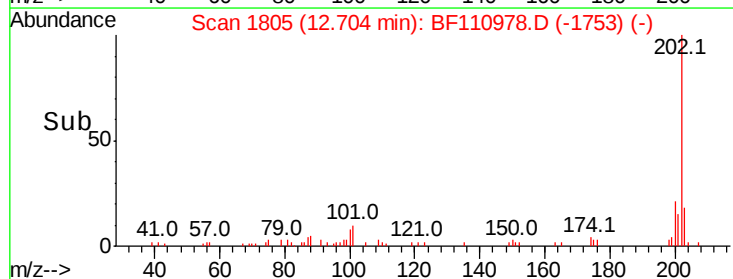
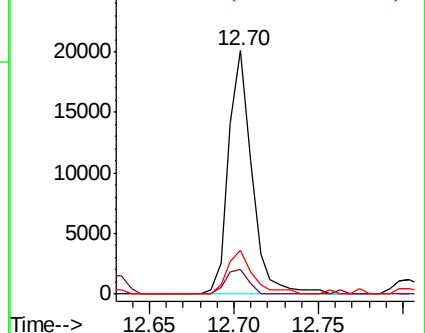
203 18.2 0.0 37.7

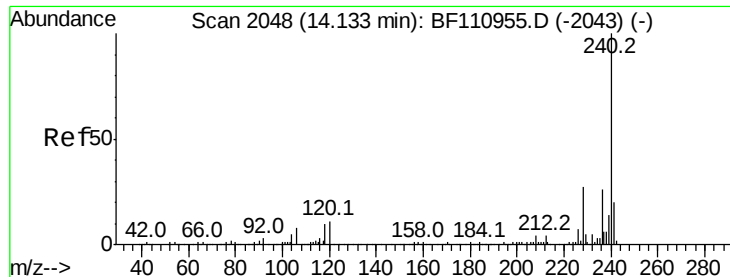


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.13 min Scan# 2048

Delta R.T. 0.00 min

Lab File: BF110978.D

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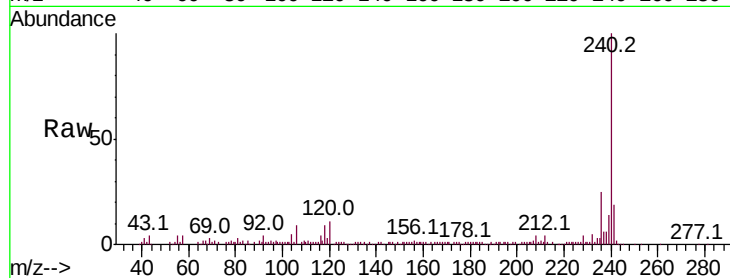
Tot Ion:240 Resp: 97402

Ion Ratio Lower Upper

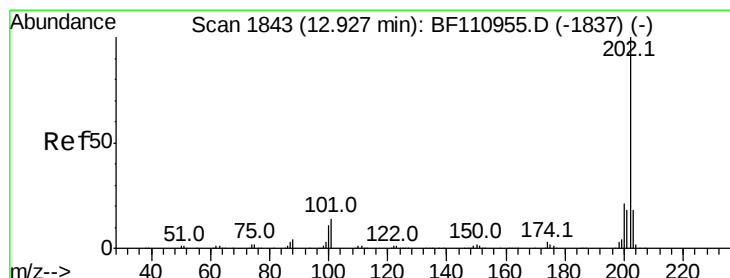
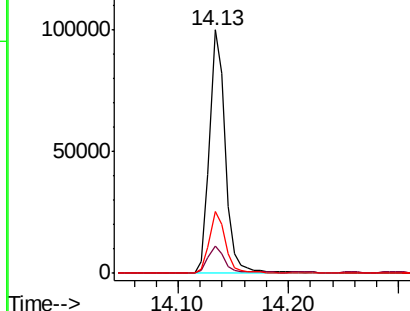
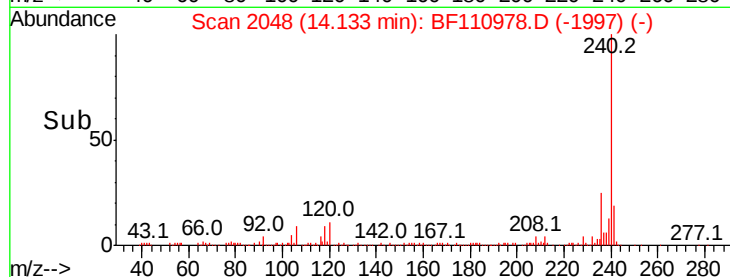
240 100

120 11.1 8.3 12.5

236 25.2 21.2 31.8



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



#78

Pyrene

Concen: 2.907 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF110978.D

Acq: 26 Nov 2018 21:56

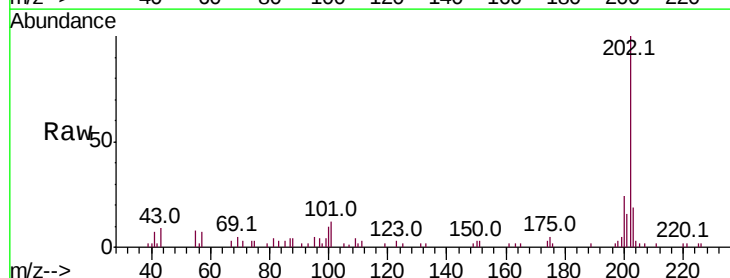
Tgt Ion:202 Resp: 20677

Ion Ratio Lower Upper

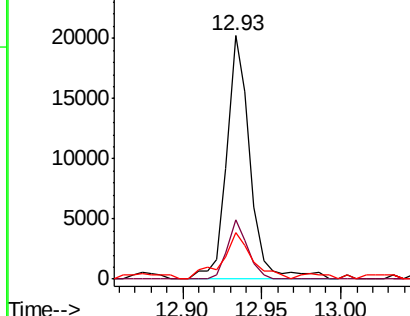
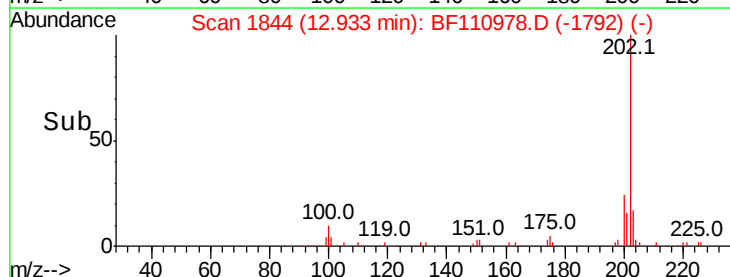
202 100

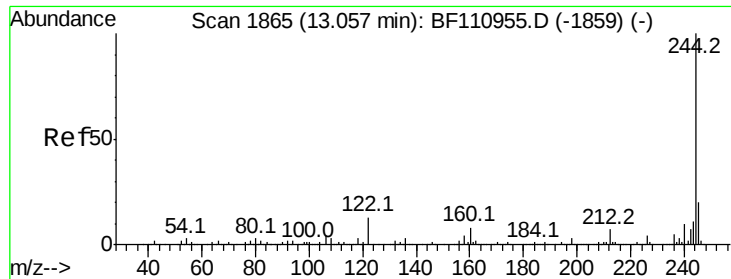
200 24.3 17.8 26.6

203 19.0 14.2 21.4



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: 35.044 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BF110978.D

Acq: 26 Nov 2018 21:56

Instrument :

BNA_F

ClientSampleId :

SU-02-112118

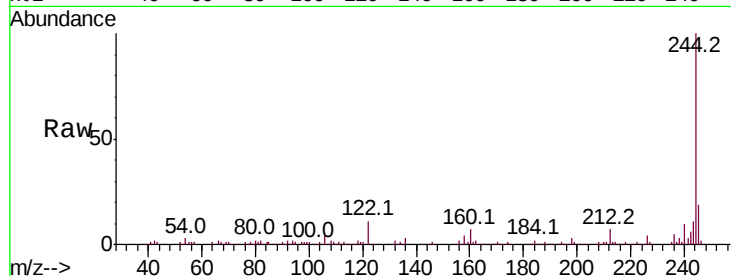
Tot Ion:244 Resp: 175346

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

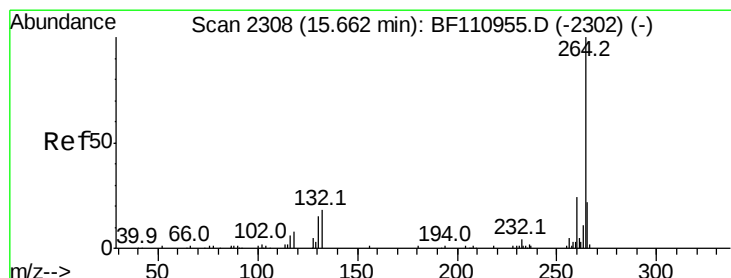
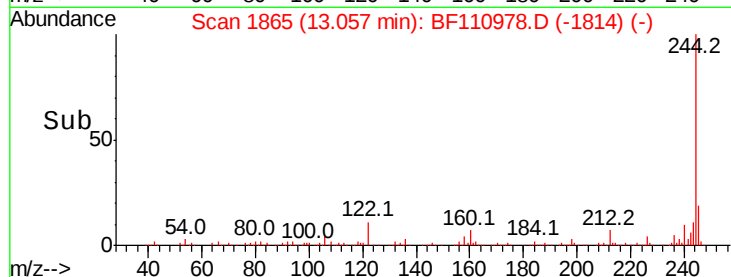
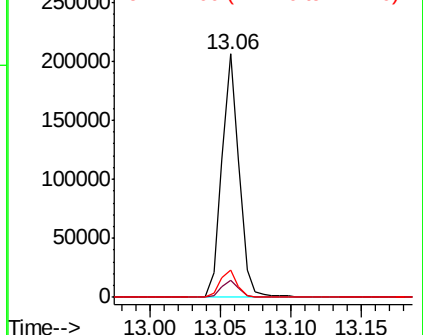
122 11.2 8.7 13.1



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: 15.67 min Scan# 2310

Delta R.T. 0.01 min

Lab File: BF110978.D

Acq: 26 Nov 2018 21:56

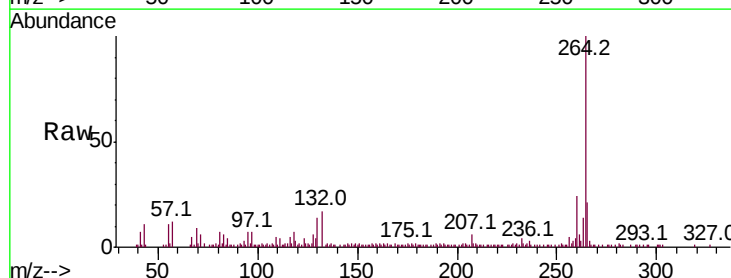
Tgt Ion:264 Resp: 74931

Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

265 21.2 16.7 25.1



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

