

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
 Data File : BF111117.D
 Acq On : 5 Dec 2018 19:54
 Operator : JU/SJ
 Sample : J5764-25 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-113018-C

Quant Time: Dec 06 01:24:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

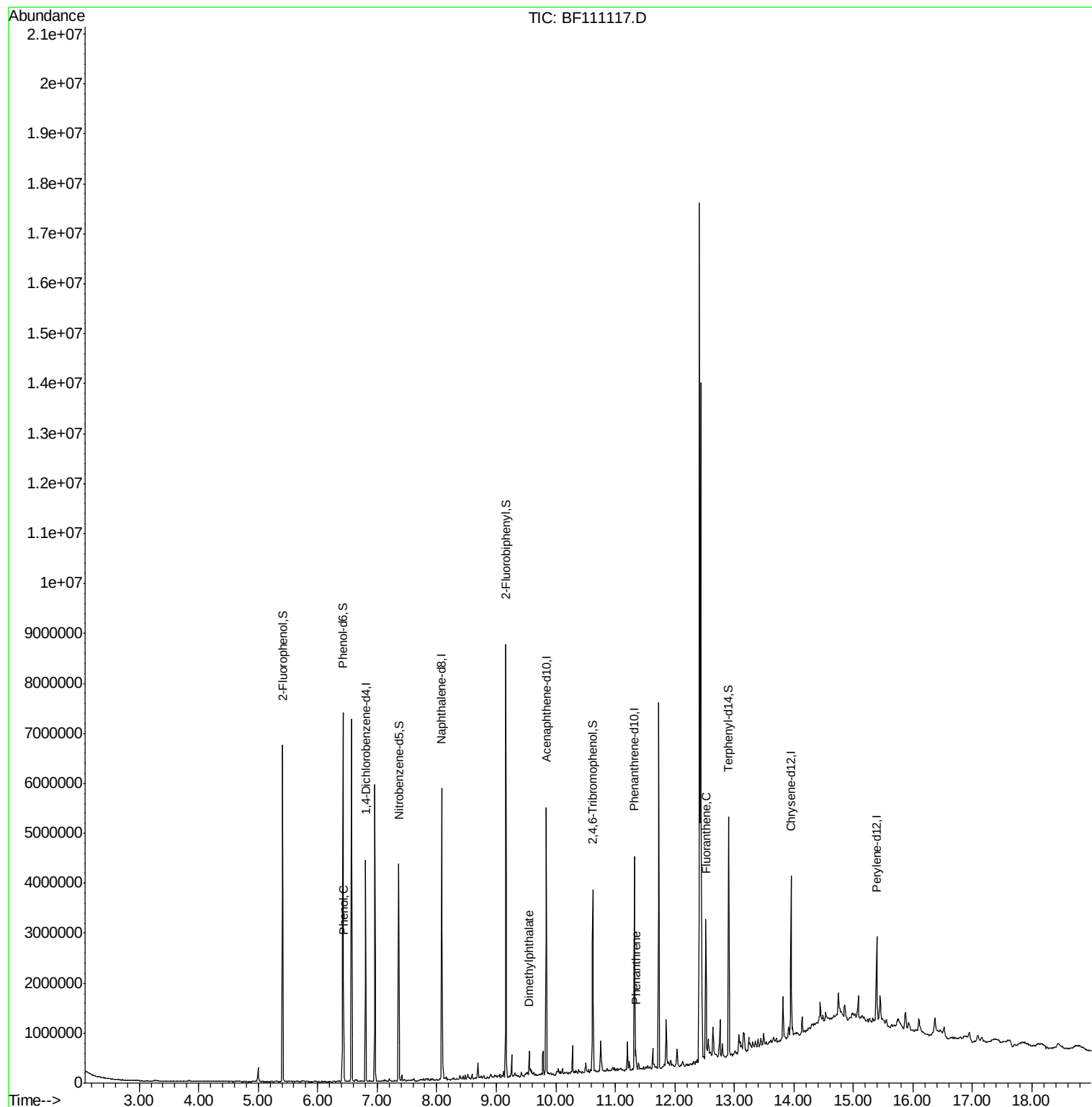
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	570507	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2195489	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	964030	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1397909	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1063847	20.00	ng	0.00
87) Perylene-d12	15.39	264	753181	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1703562	46.60	ng	0.00
7) Phenol-d6	6.43	99	2183633	46.37	ng	0.00
23) Nitrobenzene-d5	7.36	82	1284801	34.65	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	319981	41.76	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2214463	33.87	ng	0.00
79) Terphenyl-d14	12.90	244	1526656	29.39	ng	0.00
Target Compounds						
10) Phenol	6.44	94	115663	2.252	ng	93
50) Dimethylphthalate	9.55	163	164778	2.456	ng	98
71) Phenanthrene	11.34	178	136234	2.026	ng	95
75) Fluoranthene	12.53	202	169930	2.583	ng	93

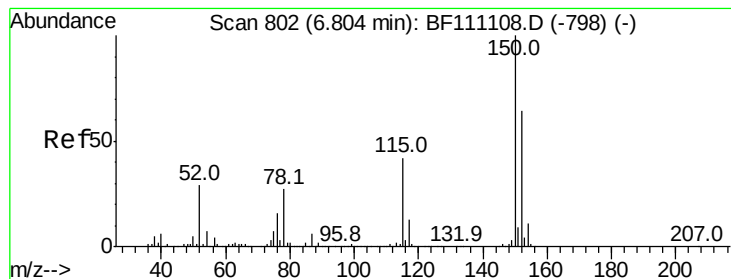
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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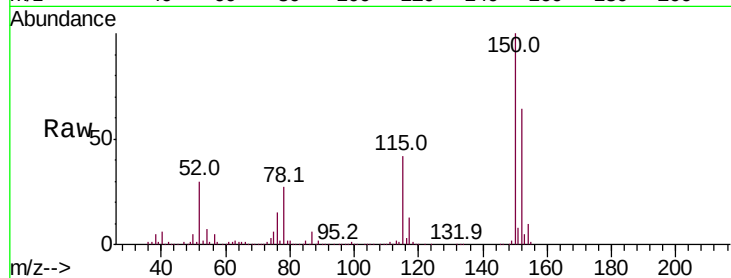


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111117.D
Acq: 5 Dec 2018 19:54

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	187.0
115	65.5	52.2	78.2

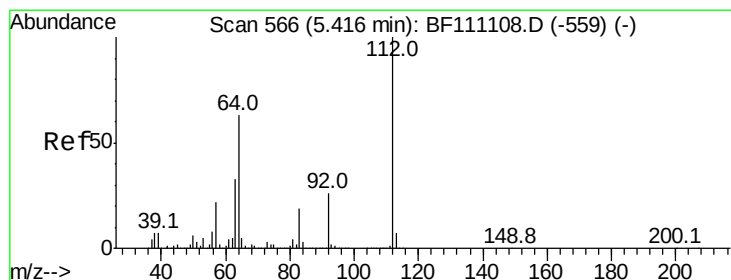
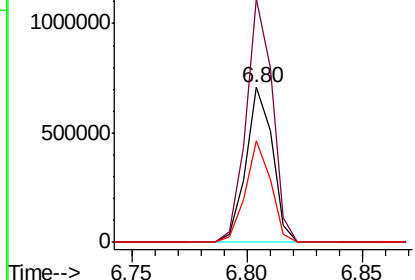
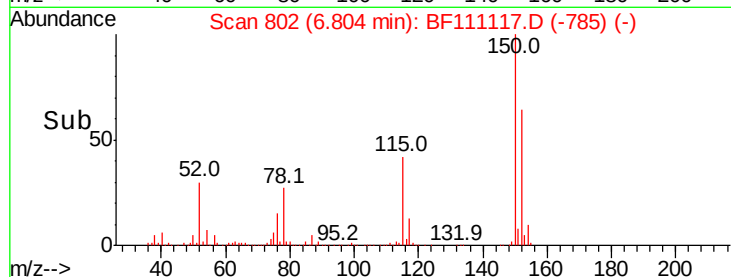


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

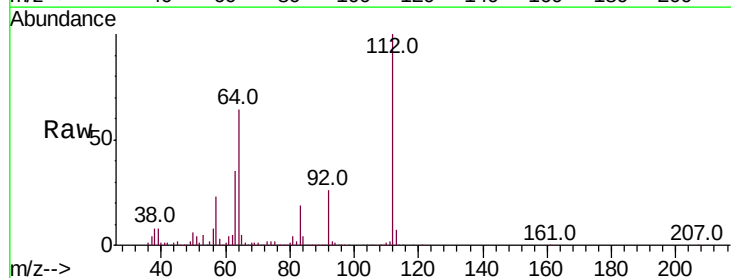
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 46.596 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF111117.D
Acq: 5 Dec 2018 19:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	50.2	75.4
63	34.7	26.6	39.8

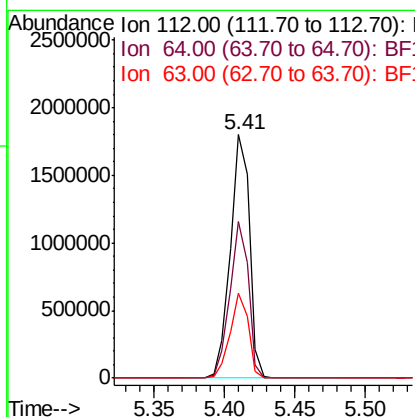
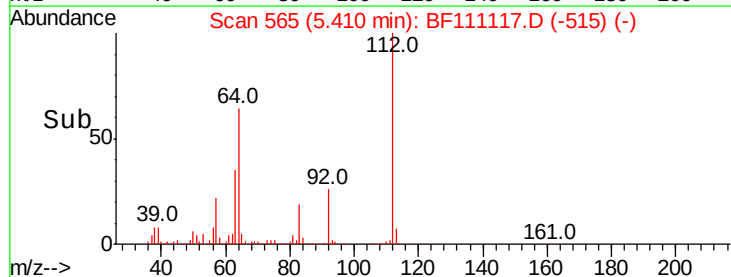


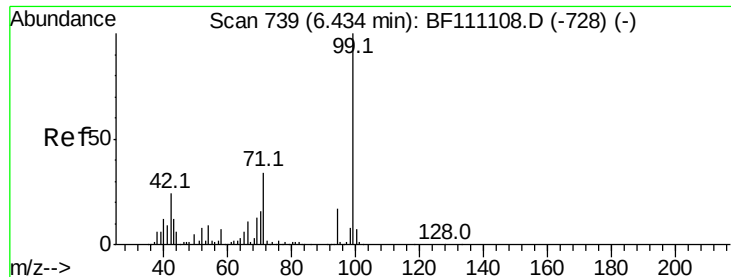
Abundance

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: 46.366 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111117.D

Acq: 5 Dec 2018 19:54

Instrument :

BNA_F

ClientSampleId :

JC-02-113018-C

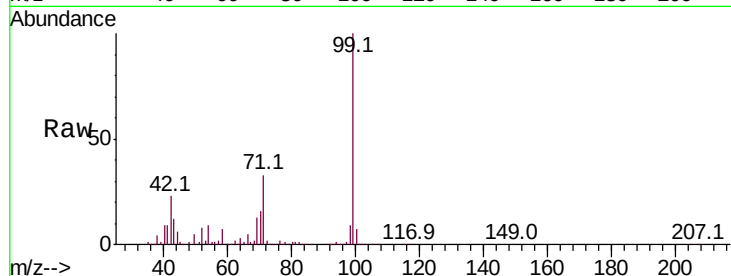
Tot Ion: 99 Resp: 2183633

Ion Ratio Lower Upper

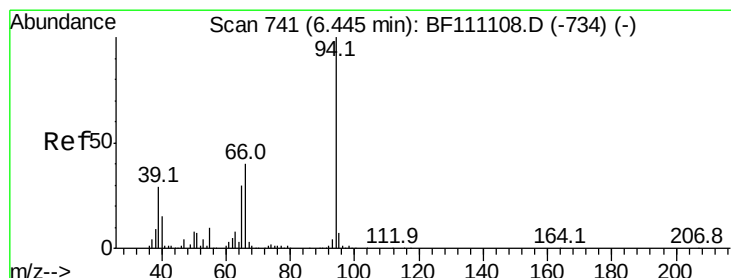
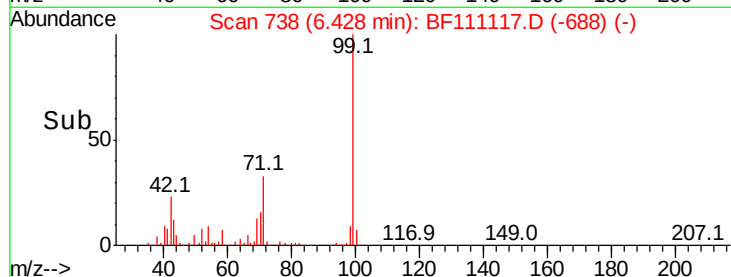
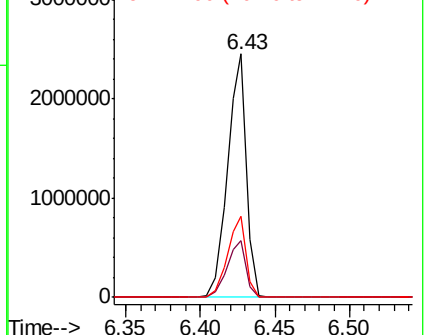
99 100

42 23.5 19.3 28.9

71 33.4 27.4 41.2



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: 2.252 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111117.D

Acq: 5 Dec 2018 19:54

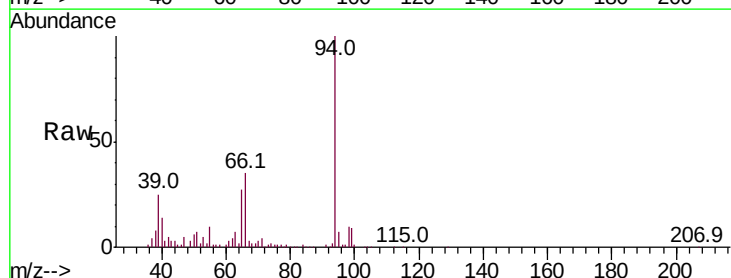
Tgt Ion: 94 Resp: 115663

Ion Ratio Lower Upper

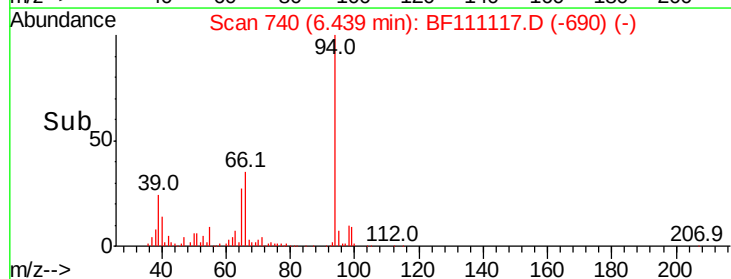
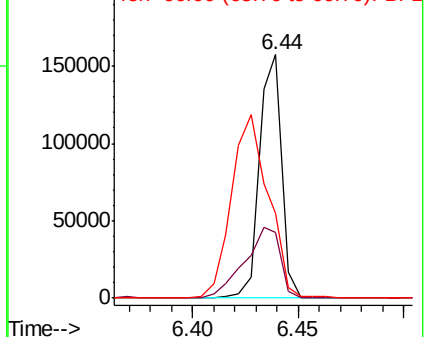
94 100

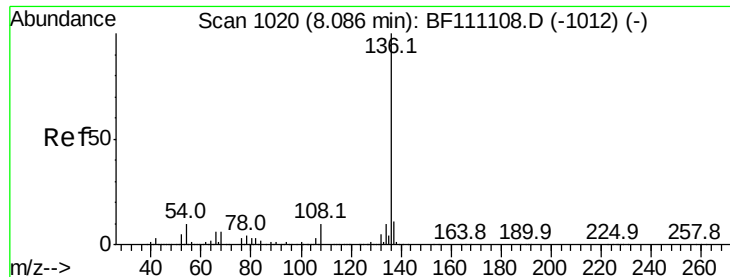
65 27.1 10.5 50.5

66 35.0 19.8 59.8



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

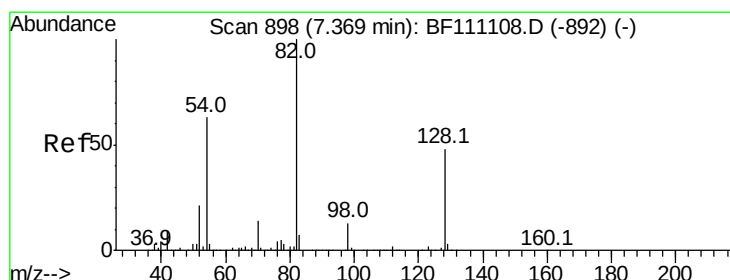
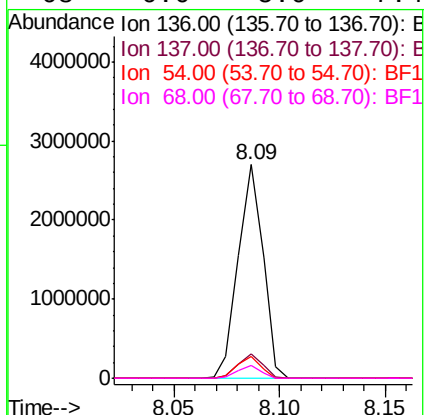
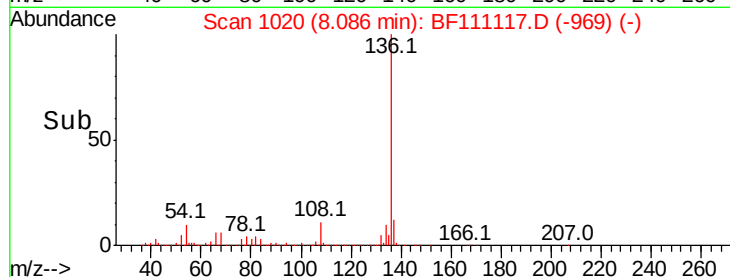
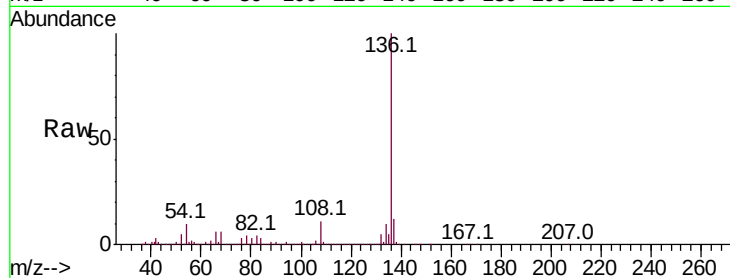




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111117.D
Acq: 5 Dec 2018 19:54

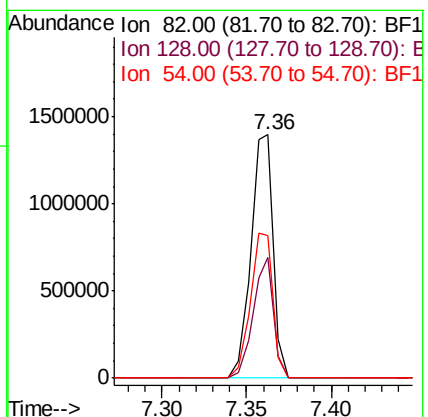
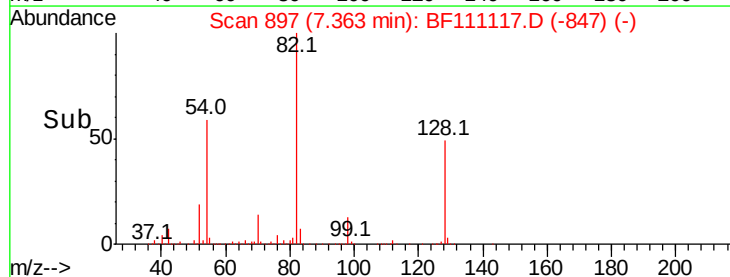
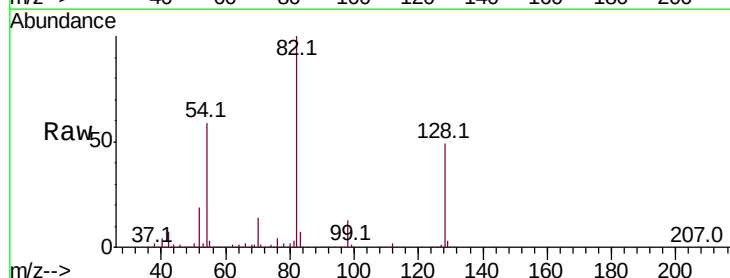
Instrument :
BNA_F
ClientSampleId :
JC-02-113018-C

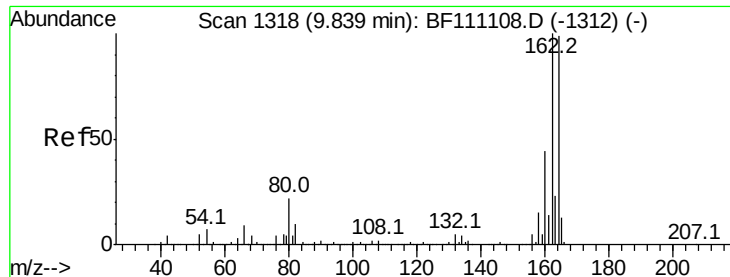
Tot Ion:136 Resp: 2195489
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 10.3 8.4 12.6
68 6.0 5.0 7.4



#23
Nitrobenzene-d5
Concen: 34.646 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111117.D
Acq: 5 Dec 2018 19:54

Tgt Ion: 82 Resp: 1284801
Ion Ratio Lower Upper
82 100
128 49.5 38.1 57.1
54 58.6 50.3 75.5

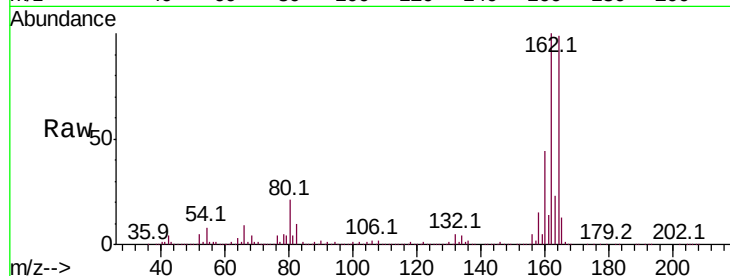




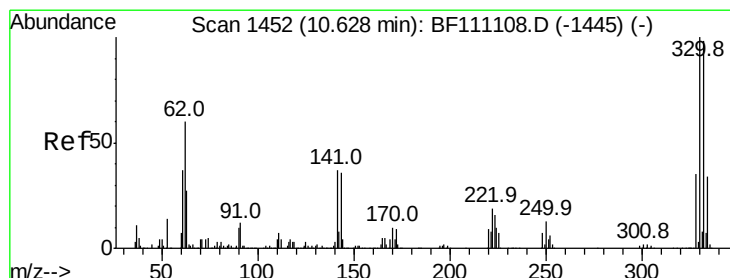
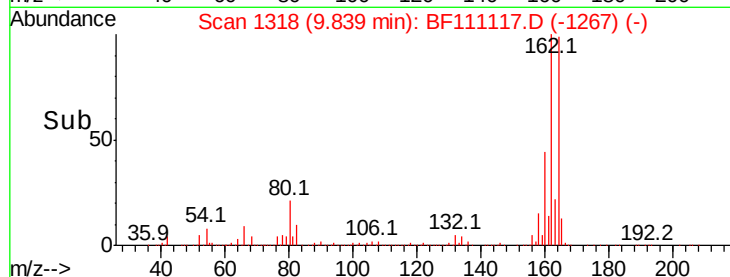
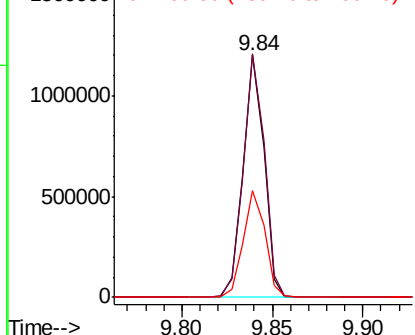
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF111117.D
 Acq: 5 Dec 2018 19:54

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-113018-C

Tot Ion:164 Resp: 964030
 Ion Ratio Lower Upper
 164 100
 162 100.7 80.6 120.8
 160 44.1 35.5 53.3

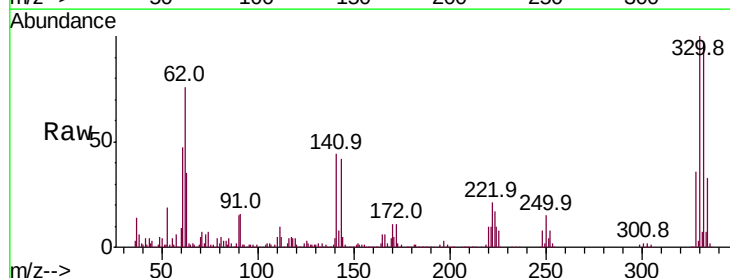


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

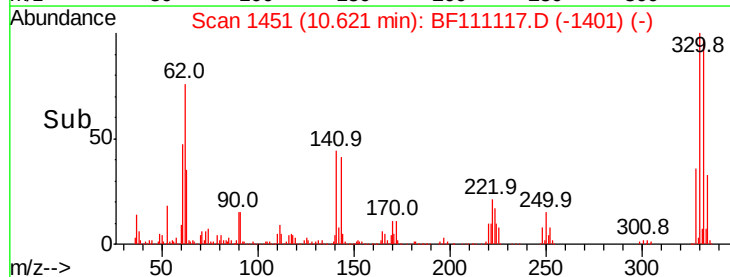
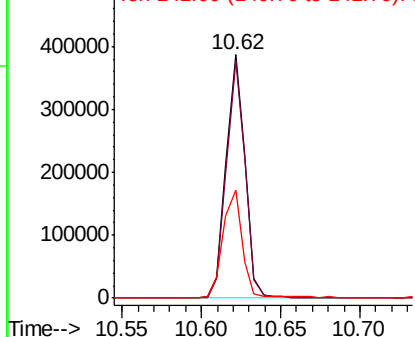


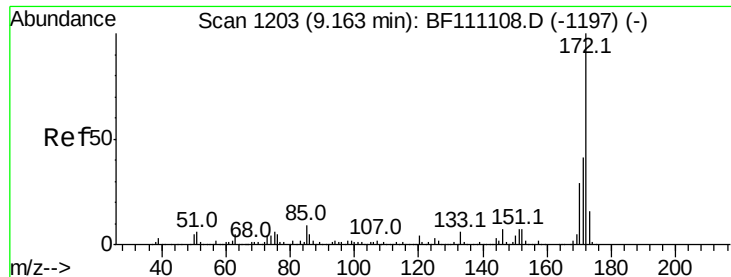
#42
 2,4,6-Tribromophenol
 Concen: 41.757 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF111117.D
 Acq: 5 Dec 2018 19:54

Tgt Ion:330 Resp: 319981
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.2 115.8
 141 44.3 36.1 54.1



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

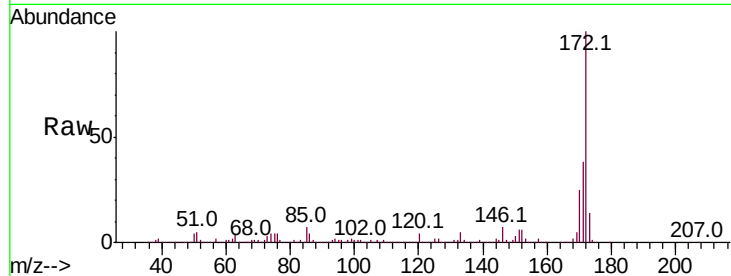




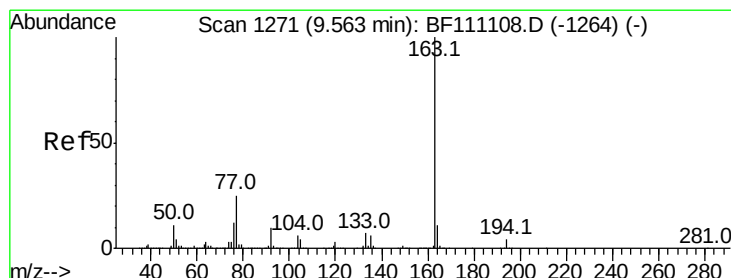
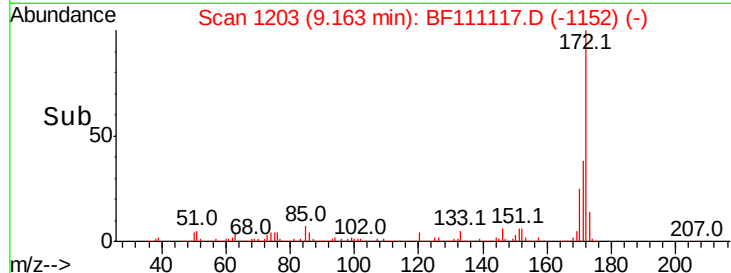
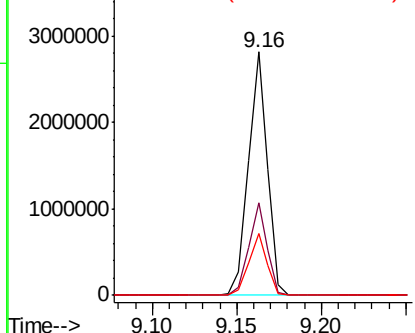
#45
2-Fluorobiphenyl
Concen: 33.875 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111117.D
Acq: 5 Dec 2018 19:54

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-C

Tot Ion:172 Resp: 2214463
Ion Ratio Lower Upper
172 100
171 38.1 33.2 49.8
170 25.2 22.9 34.3

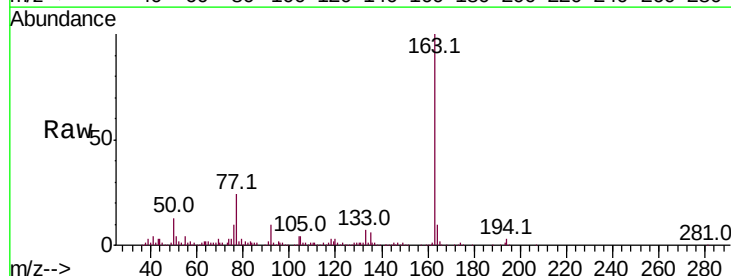


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

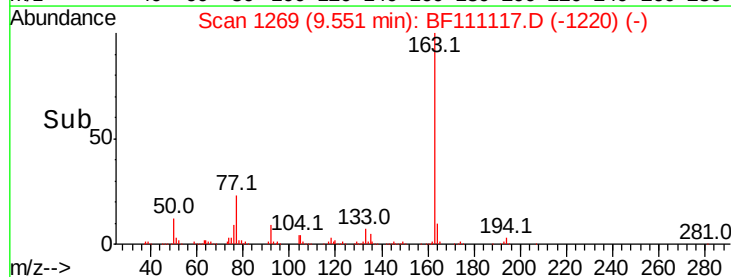
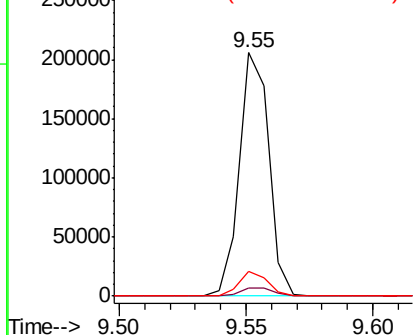


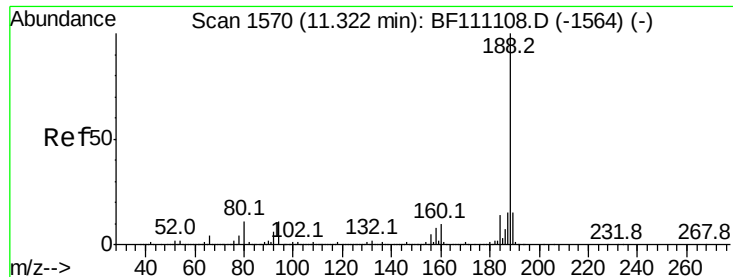
#50
Dimethylphthalate
Concen: 2.456 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111117.D
Acq: 5 Dec 2018 19:54

Tgt Ion:163 Resp: 164778
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.2 8.9 13.3



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: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF111117.D

Acq: 5 Dec 2018 19:54

Instrument :

BNA_F

ClientSampleId :

JC-02-113018-C

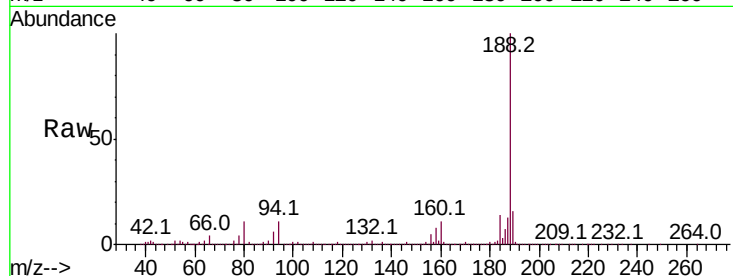
Tot Ion:188 Resp: 1397909

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

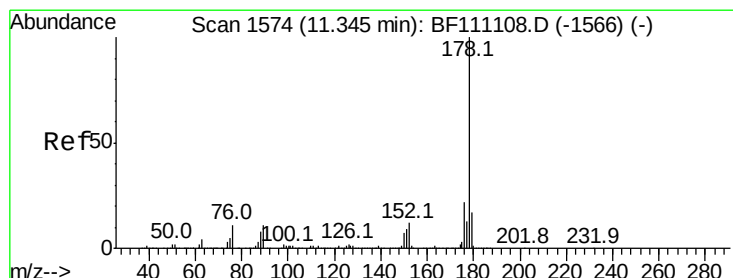
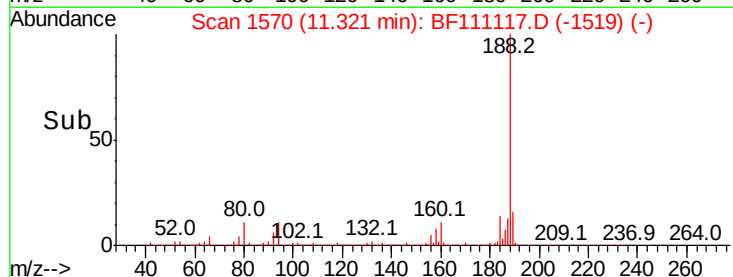
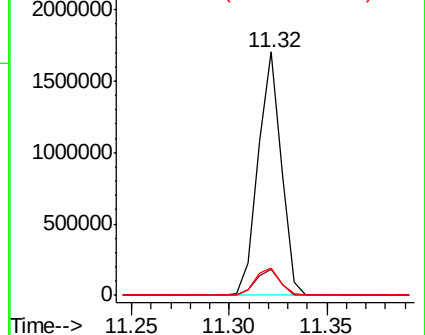
80 11.4 9.0 13.6



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



#71

Phenanthrene

Concen: 2.026 ng

RT: 11.34 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BF111117.D

Acq: 5 Dec 2018 19:54

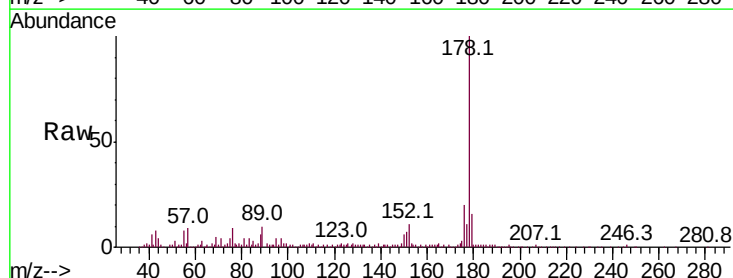
Tgt Ion:178 Resp: 136234

Ion Ratio Lower Upper

178 100

176 19.6 17.7 26.5

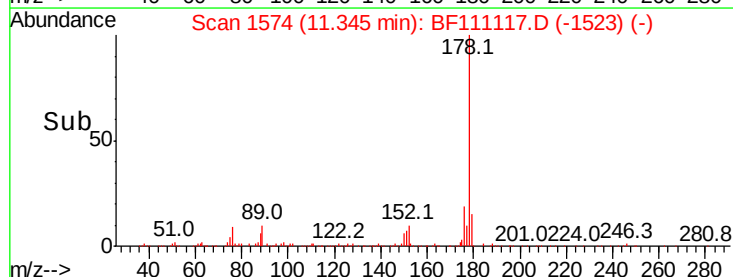
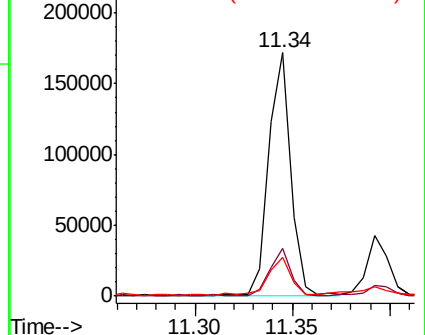
179 15.7 14.0 21.0

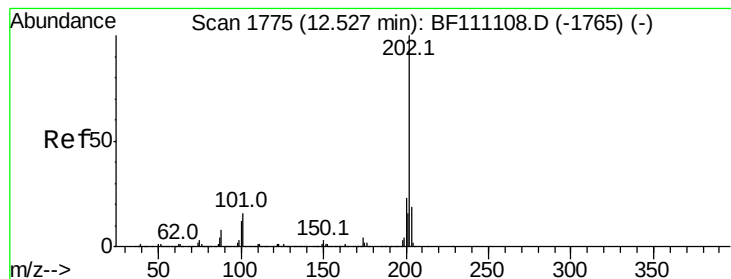


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.583 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF111117.D

Acq: 5 Dec 2018 19:54

Instrument :

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ClientSampleId :

JC-02-113018-C

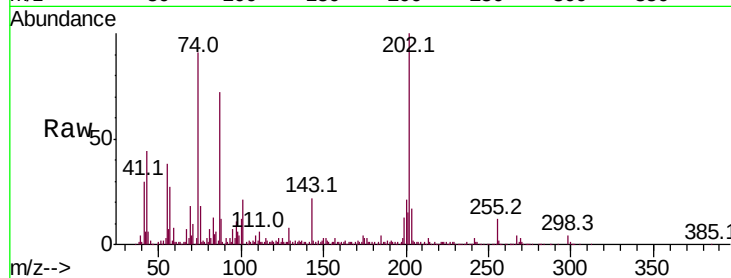
Tot Ion:202 Resp: 169930

Ion Ratio Lower Upper

202 100

101 20.8 0.0 35.8

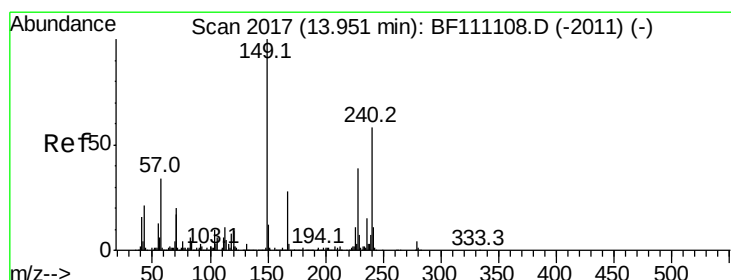
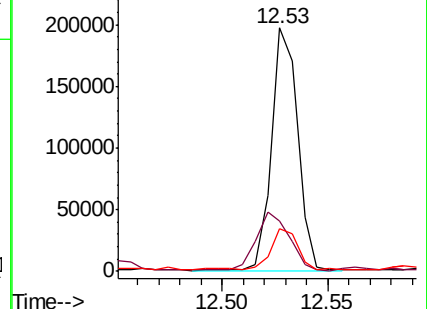
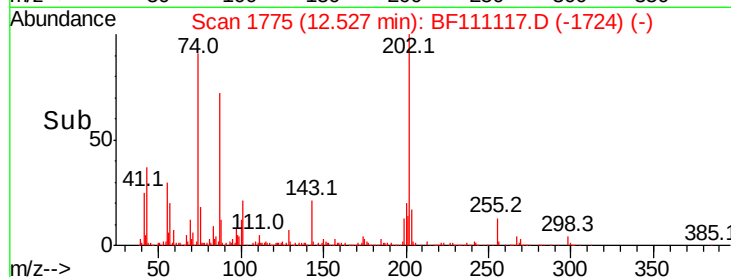
203 17.5 0.0 38.6



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: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111117.D

Acq: 5 Dec 2018 19:54

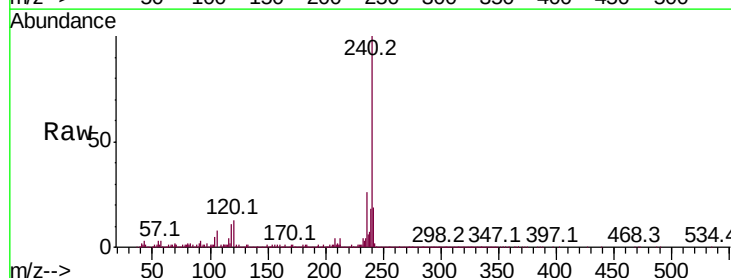
Tgt Ion:240 Resp: 1063847

Ion Ratio Lower Upper

240 100

120 12.8 12.8 19.2#

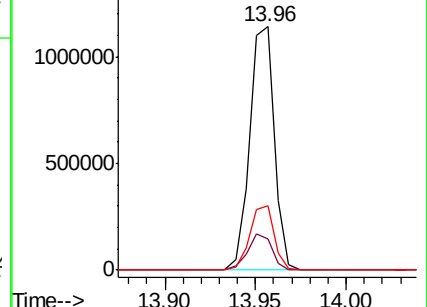
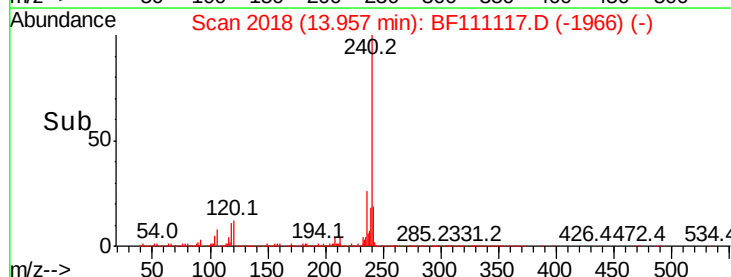
236 26.5 21.1 31.7

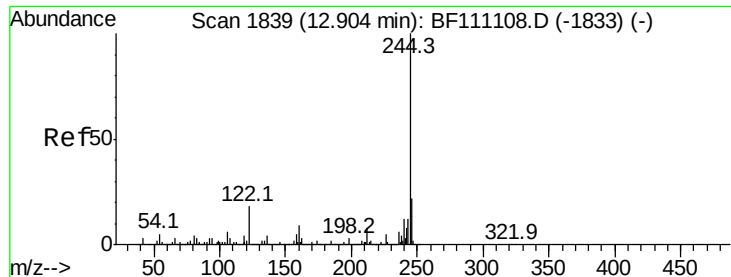


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 29.389 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111117.D

Acq: 5 Dec 2018 19:54

Instrument :

BNA_F

ClientSampleId :

JC-02-113018-C

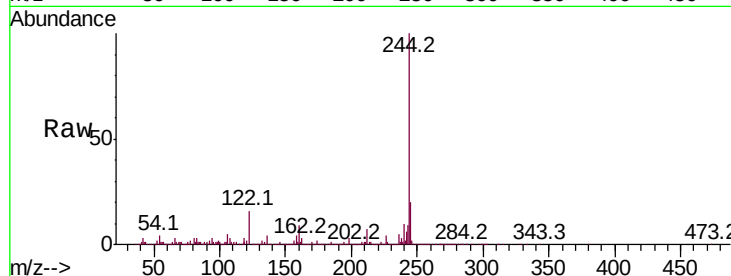
Tot Ion:244 Resp: 1526656

Ion Ratio Lower Upper

244 100

212 7.2 6.6 9.8

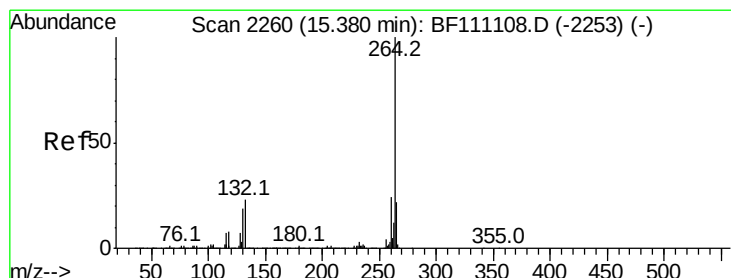
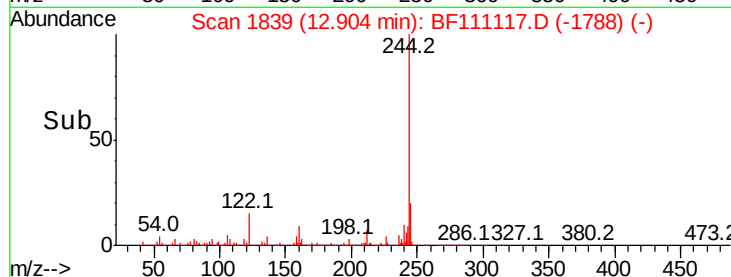
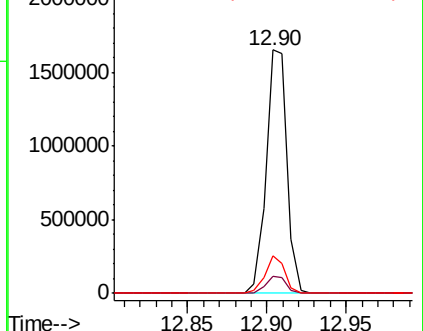
122 15.6 14.2 21.2



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: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111117.D

Acq: 5 Dec 2018 19:54

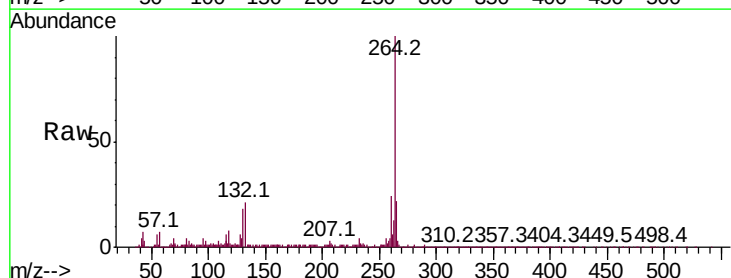
Tgt Ion:264 Resp: 753181

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 21.6 17.4 26.0



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

