

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
 Data File : BF111118.D
 Acq On : 5 Dec 2018 20:21
 Operator : JU/SJ
 Sample : J5764-27 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Dec 06 01:27:23 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

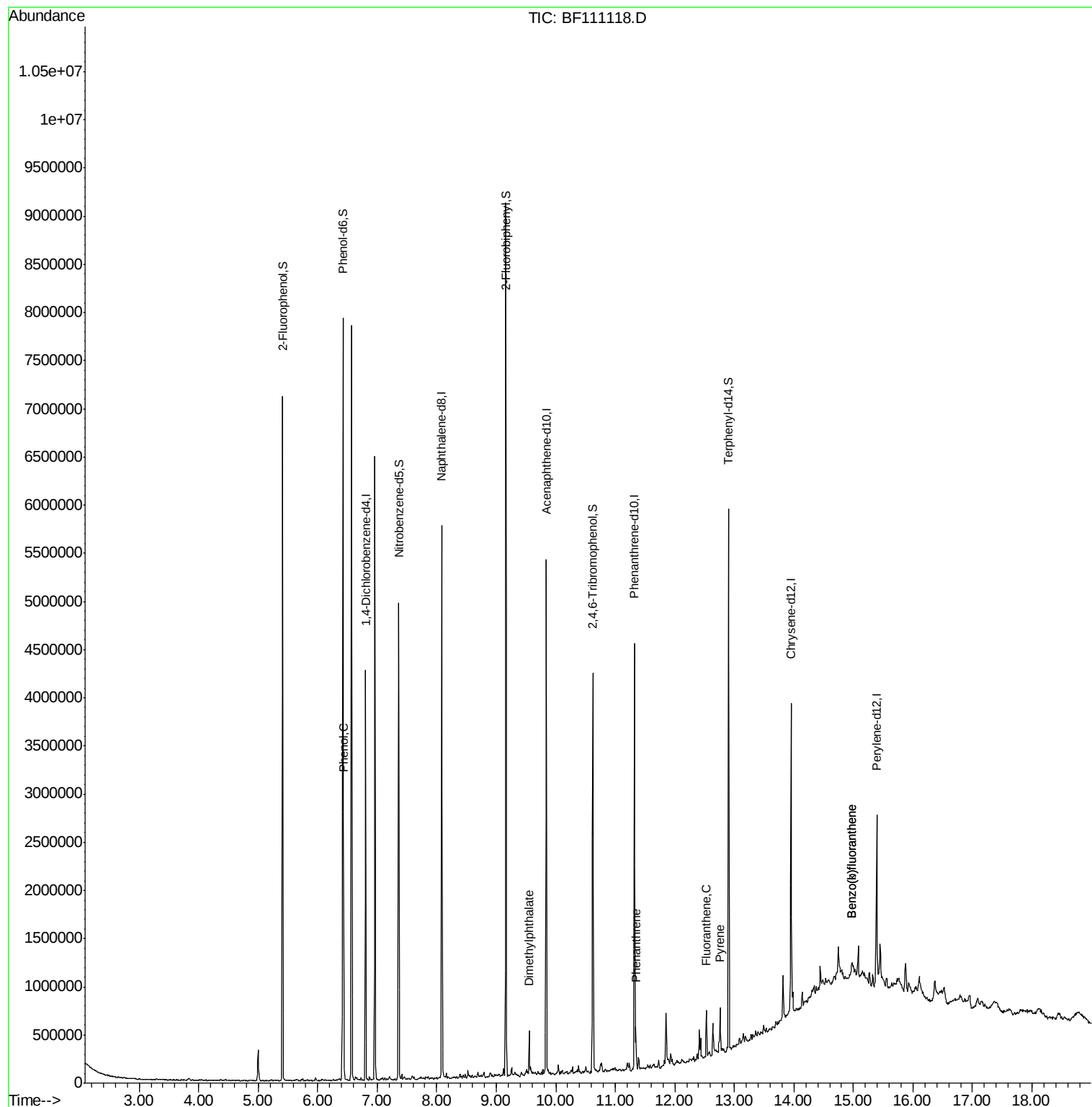
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	550670	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2143298	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	959344	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1420660	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1027199	20.00	ng	0.00
87) Perylene-d12	15.39	264	723932	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1818002	51.52	ng	0.00
7) Phenol-d6	6.43	99	2334926	51.36	ng	0.00
23) Nitrobenzene-d5	7.36	82	1393093	38.48	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	358381	47.00	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2401663	38.47	ng	0.00
79) Terphenyl-d14	12.90	244	1663680	33.17	ng	0.00
Target Compounds						
10) Phenol	6.44	94	148755	3.001	ng	97
50) Dimethylphthalate	9.55	163	163871	2.454	ng	99
71) Phenanthrene	11.35	178	143990	2.107	ng	96
75) Fluoranthene	12.53	202	177199	2.650	ng	98
78) Pyrene	12.76	202	167324	2.091	ng	93
88) Benzo(b)fluoranthene	14.97	252	102843	2.507	ng	# 84
89) Benzo(k)fluoranthene	14.97	252	102843	2.593	ng	# 84

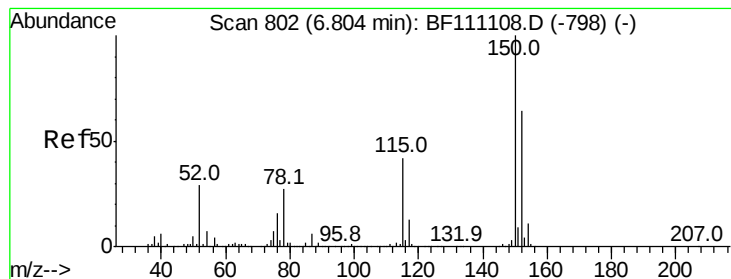
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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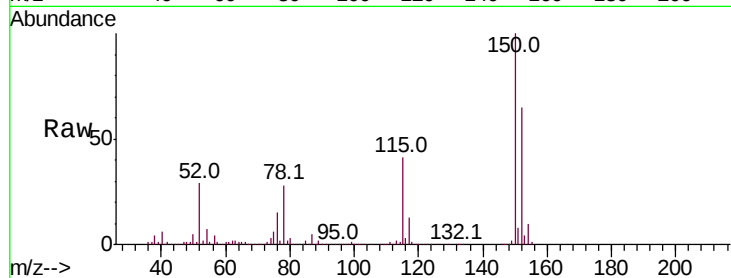


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111118.D
Acq: 5 Dec 2018 20:21

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	187.0
115	63.9	52.2	78.2

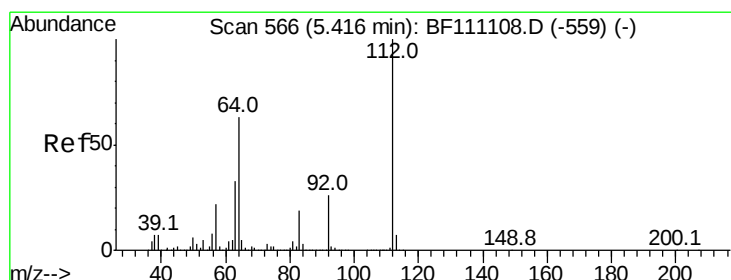
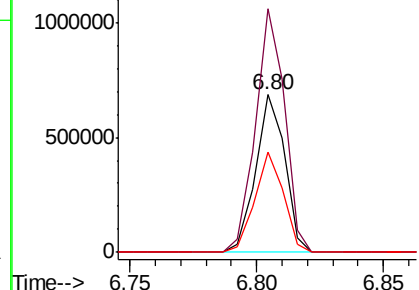
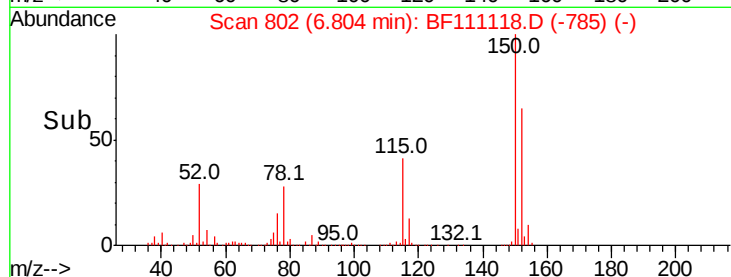


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

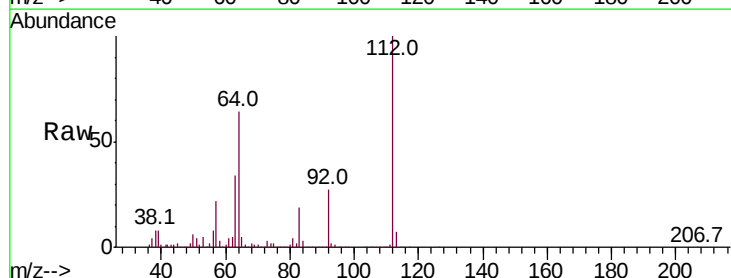
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.518 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF111118.D
Acq: 5 Dec 2018 20:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	50.2	75.4
63	33.8	26.6	39.8

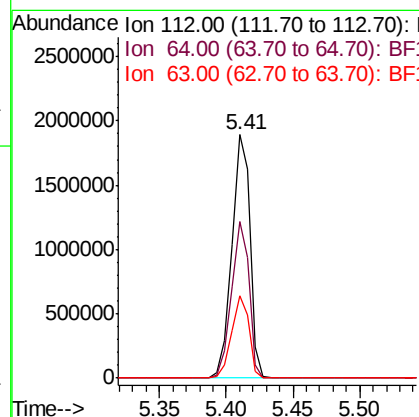
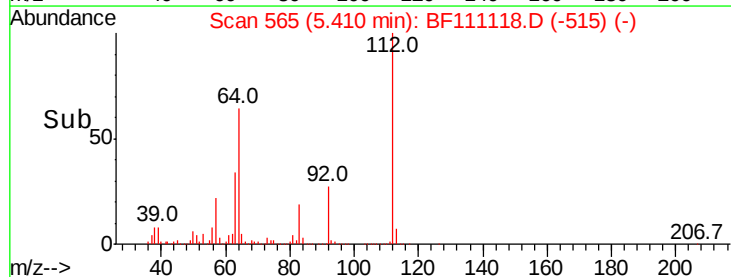


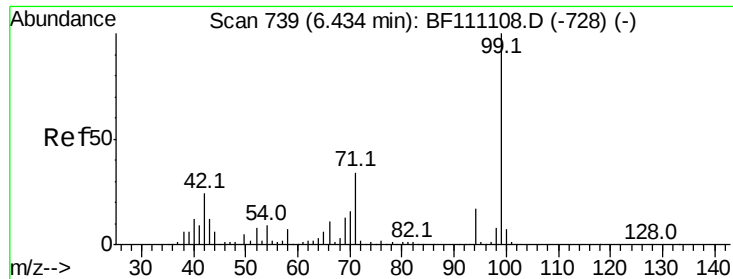
Abundance

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: 51.364 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111118.D

Acq: 5 Dec 2018 20:21

Instrument :

BNA_F

ClientSampleId :

JC-02-113018-D

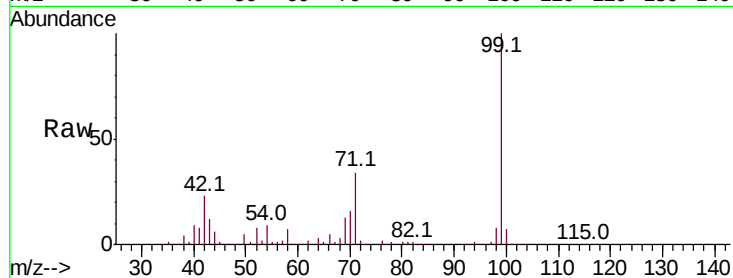
Tot Ion: 99 Resp: 2334926

Ion Ratio Lower Upper

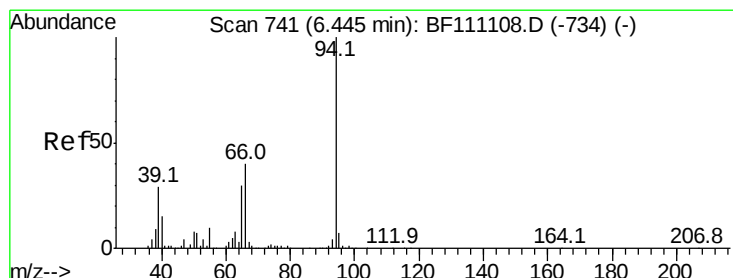
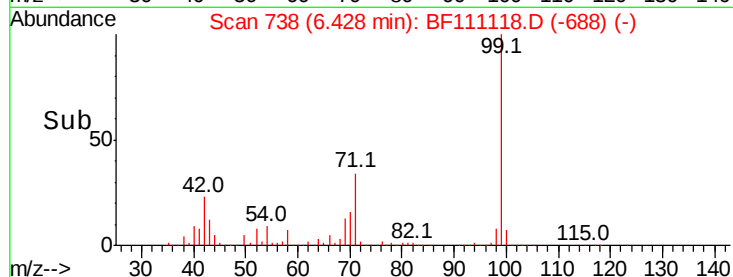
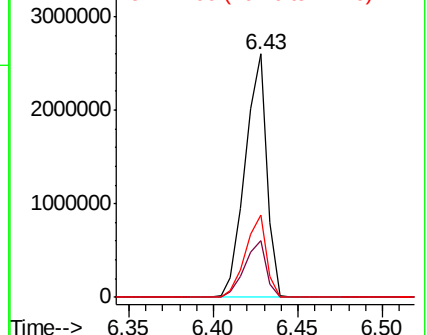
99 100

42 23.5 19.3 28.9

71 34.0 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: 3.001 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111118.D

Acq: 5 Dec 2018 20:21

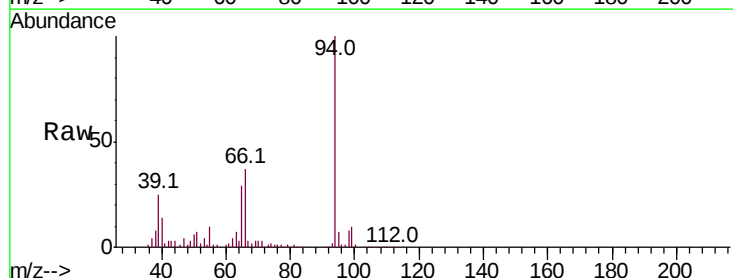
Tgt Ion: 94 Resp: 148755

Ion Ratio Lower Upper

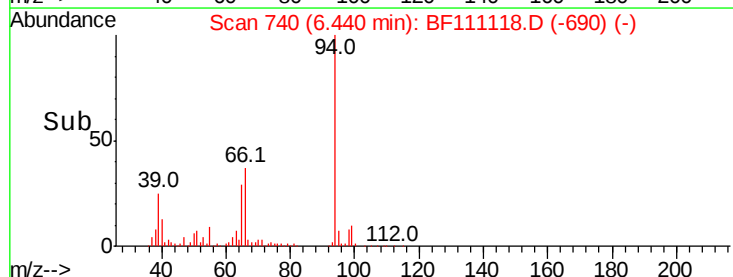
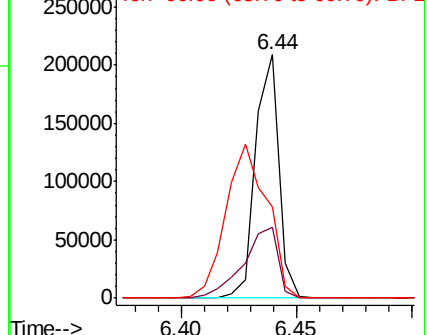
94 100

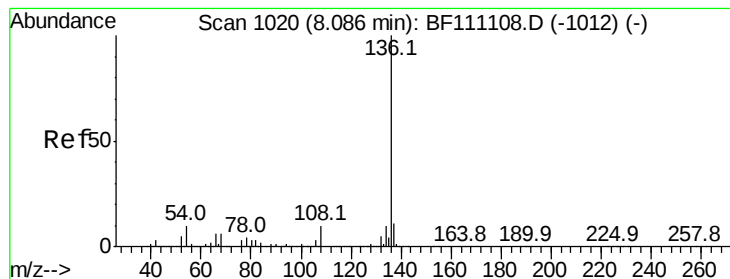
65 29.2 10.5 50.5

66 37.4 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: BF111118.D

Acq: 5 Dec 2018 20:21

Instrument :

BNA_F

ClientSampleId :

JC-02-113018-D

Tot Ion:136 Resp: 2143298

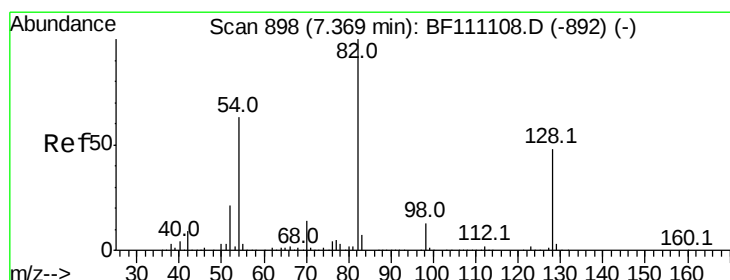
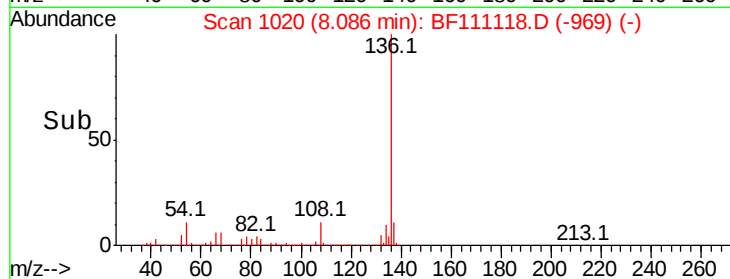
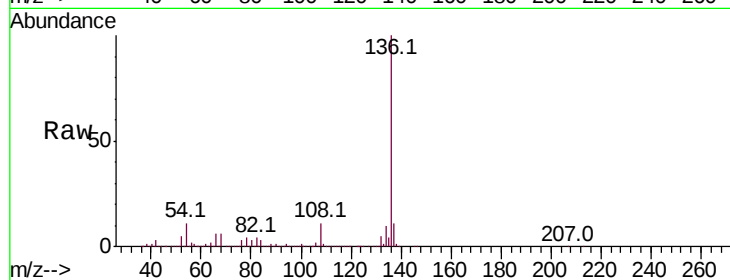
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	10.8	8.4	12.6
68	5.9	5.0	7.4

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: 38.481 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF111118.D

Acq: 5 Dec 2018 20:21

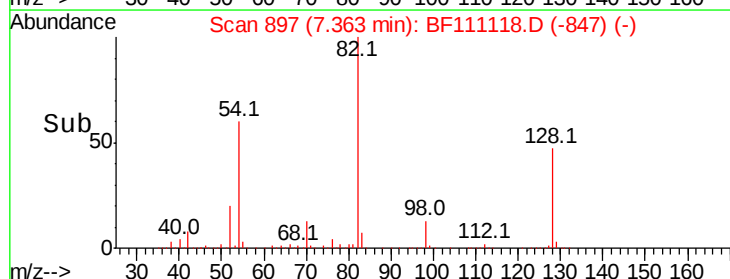
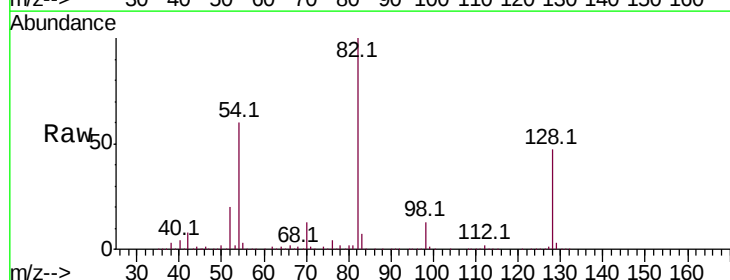
Tgt Ion: 82 Resp: 1393093

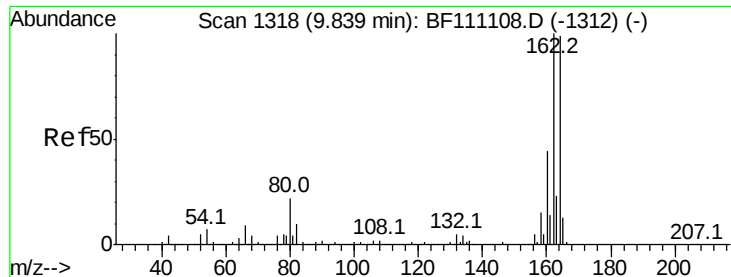
Ion	Ratio	Lower	Upper
82	100		
128	47.4	38.1	57.1
54	60.2	50.3	75.5

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

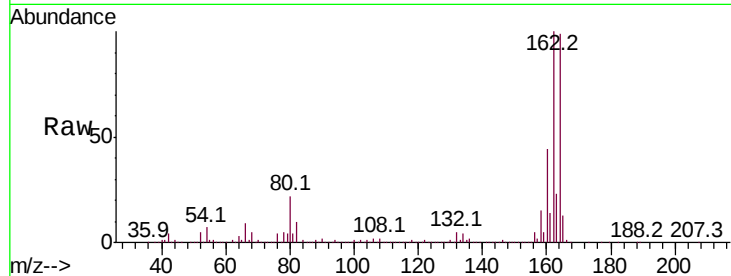




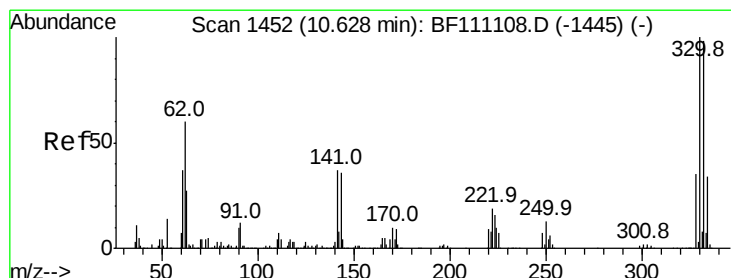
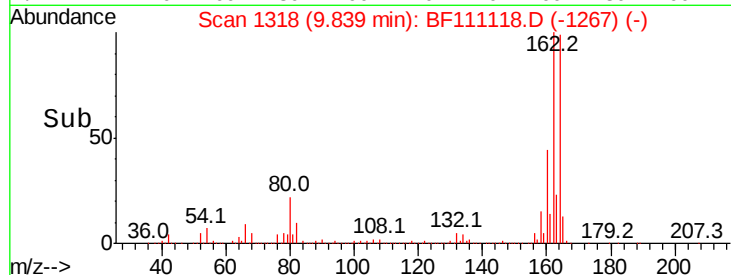
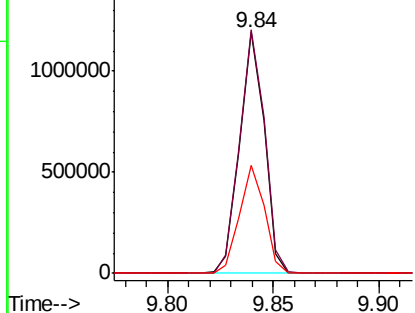
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF111118.D
 Acq: 5 Dec 2018 20:21

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	44.8	35.5	53.3

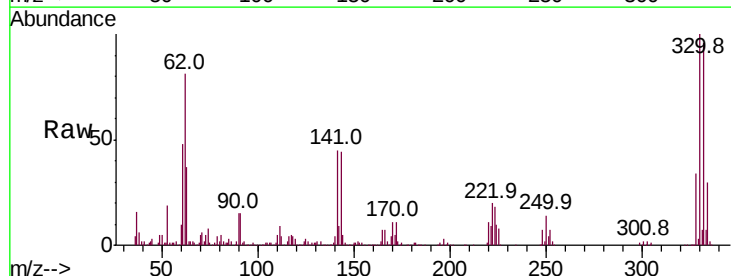


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

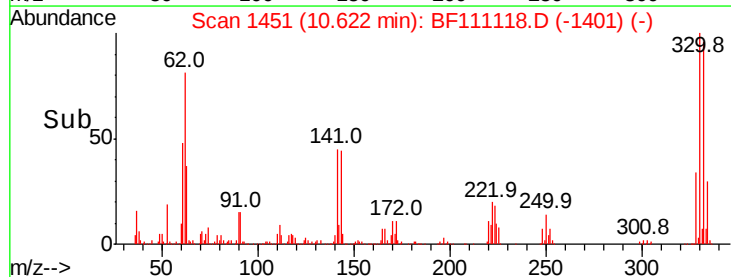
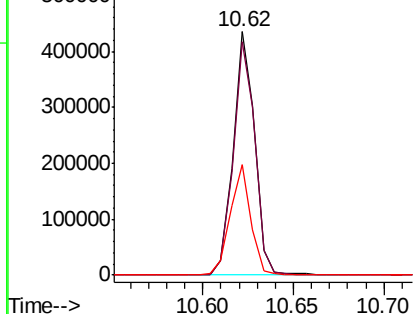


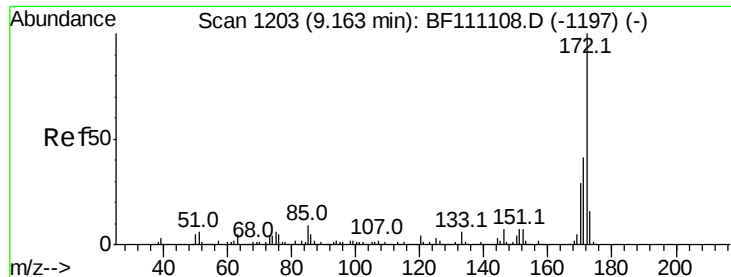
#42
 2,4,6-Tribromophenol
 Concen: 46.997 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF111118.D
 Acq: 5 Dec 2018 20:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.2	115.8
141	43.4	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

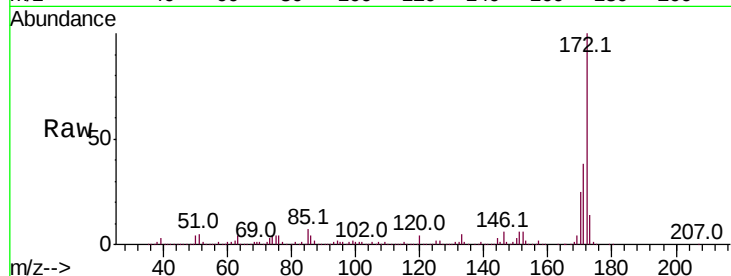




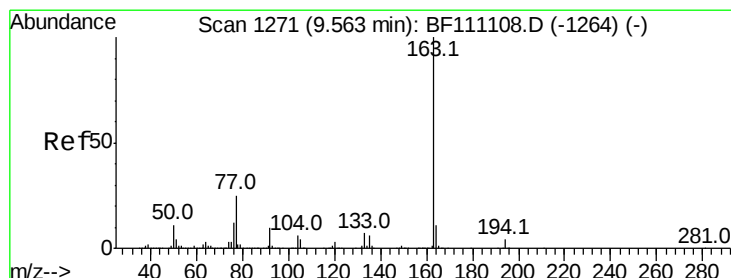
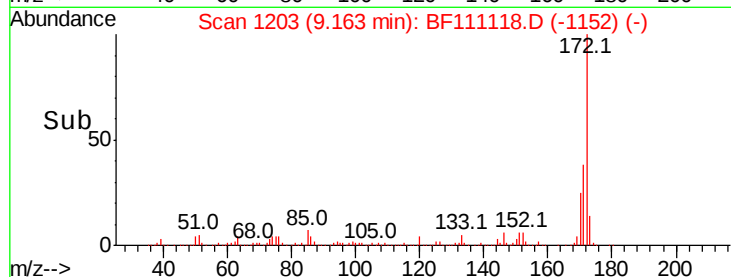
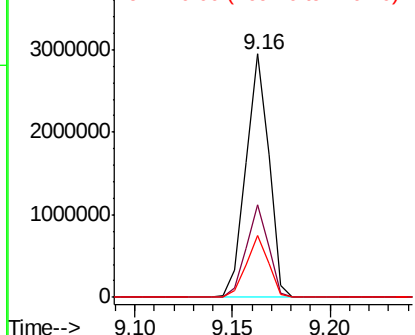
#45
2-Fluorobiphenyl
Concen: 38.472 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111118.D
Acq: 5 Dec 2018 20:21

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

Tot Ion:172 Resp: 2401663
Ion Ratio Lower Upper
172 100
171 37.9 33.2 49.8
170 25.3 22.9 34.3

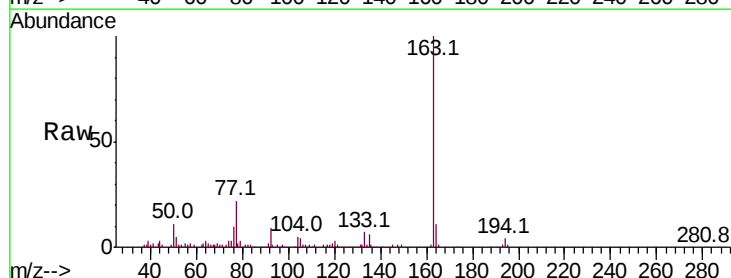


Abundance Ion 172.00 (171.70 to 172.70): E
4000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

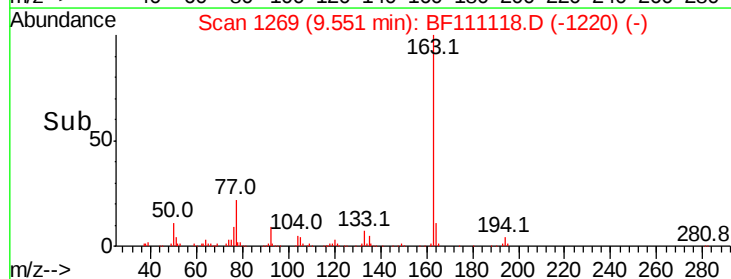
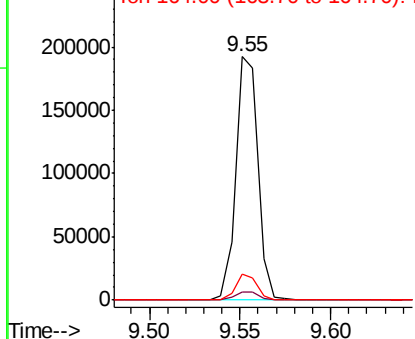


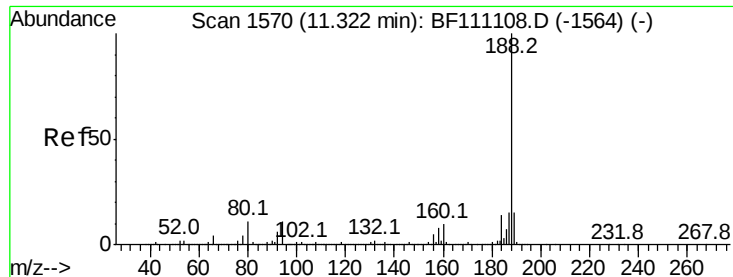
#50
Dimethylphthalate
Concen: 2.454 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111118.D
Acq: 5 Dec 2018 20:21

Tgt Ion:163 Resp: 163871
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.5 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
250000 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: BF111118.D

Acq: 5 Dec 2018 20:21

Instrument :

BNA_F

ClientSampleId :

JC-02-113018-D

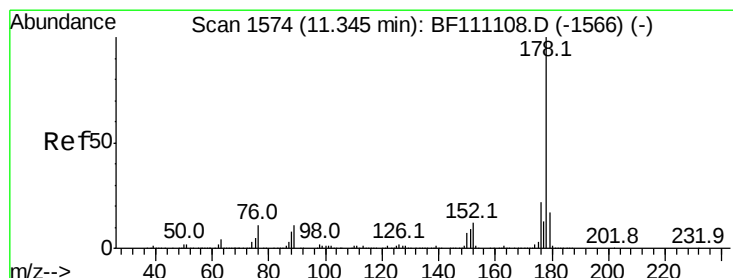
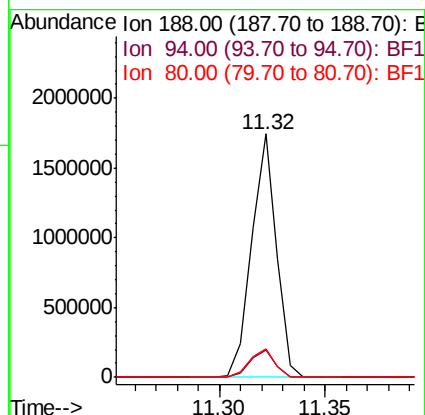
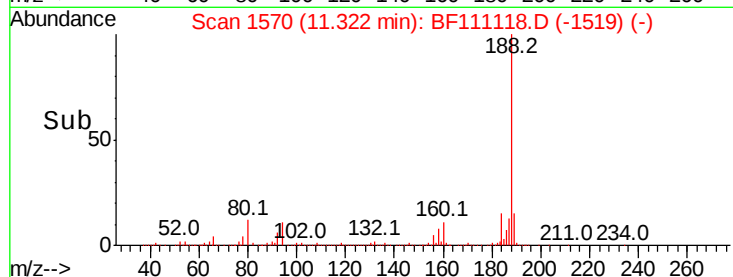
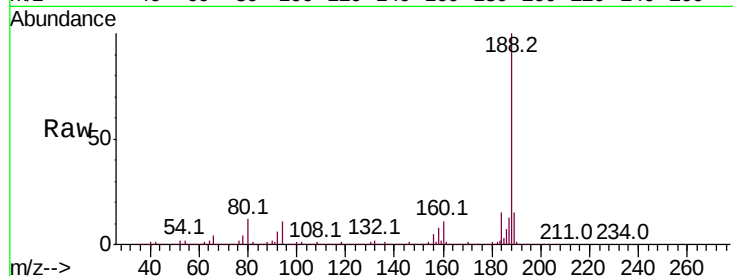
Tot Ion:188 Resp: 1420660

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

80 11.6 9.0 13.6



#71

Phenanthrene

Concen: 2.107 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF111118.D

Acq: 5 Dec 2018 20:21

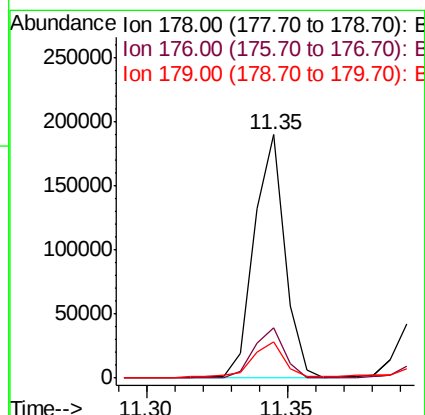
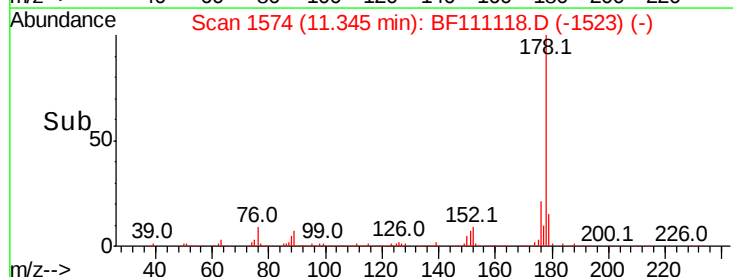
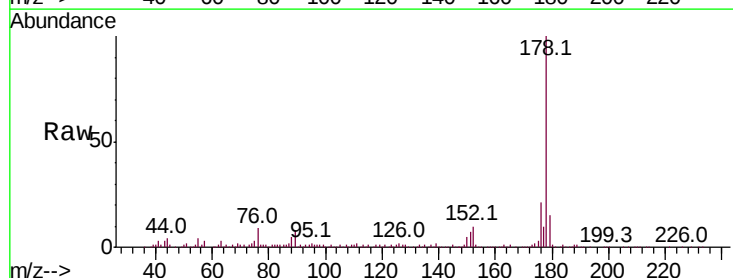
Tgt Ion:178 Resp: 143990

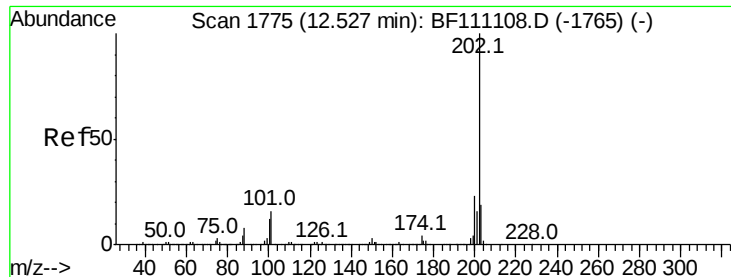
Ion Ratio Lower Upper

178 100

176 20.8 17.7 26.5

179 15.1 14.0 21.0





#75

Fluoranthene

Concen: 2.650 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111118.D

Acq: 5 Dec 2018 20:21

Instrument :

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JC-02-113018-D

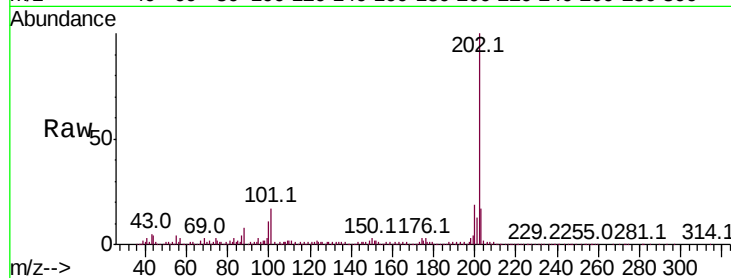
Tot Ion:202 Resp: 177199

Ion Ratio Lower Upper

202 100

101 16.8 0.0 35.8

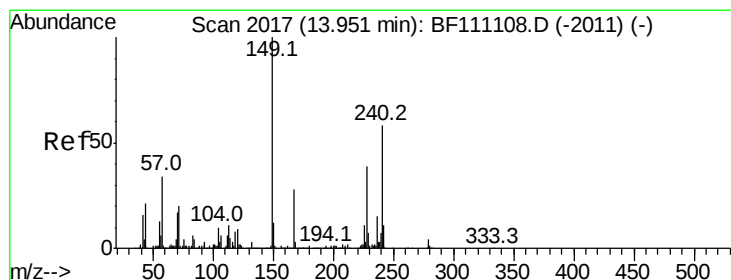
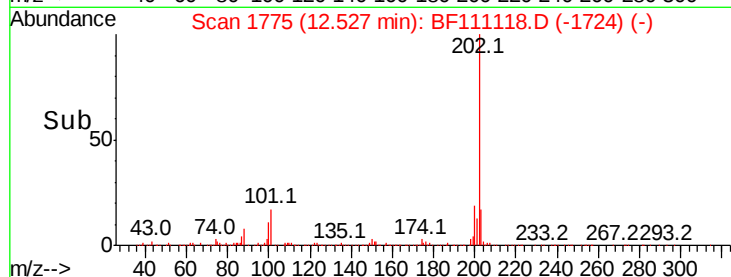
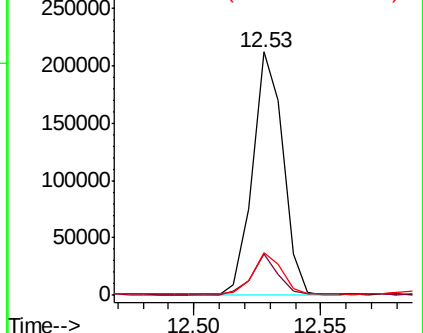
203 17.5 0.0 38.6



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: BF111118.D

Acq: 5 Dec 2018 20:21

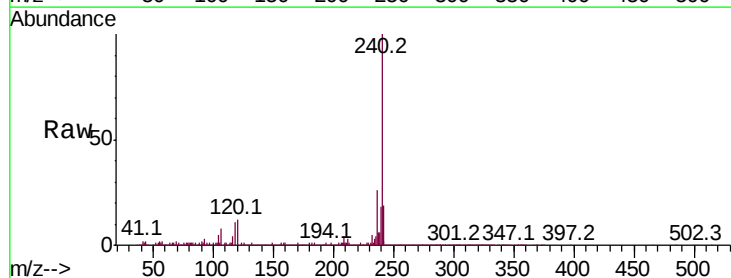
Tgt Ion:240 Resp: 1027199

Ion Ratio Lower Upper

240 100

120 12.0 12.8 19.2#

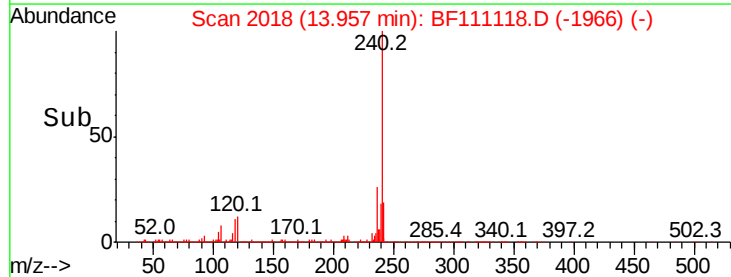
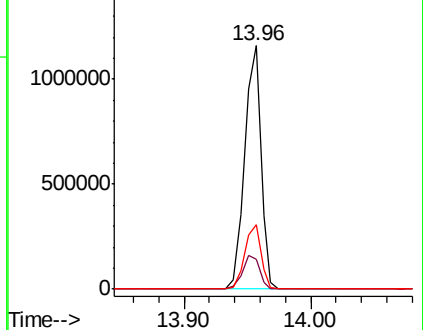
236 26.4 21.1 31.7

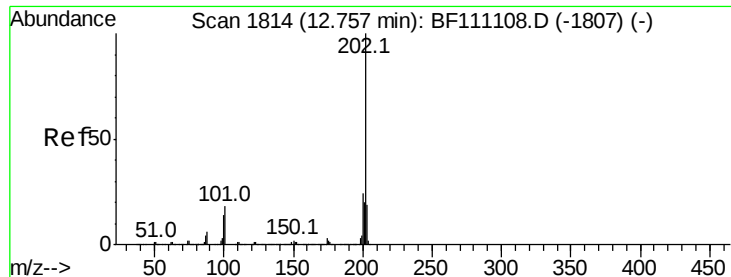


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

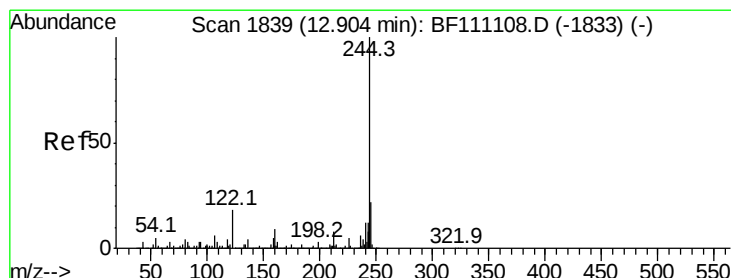
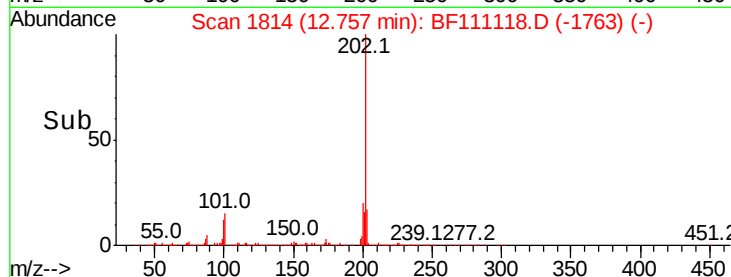
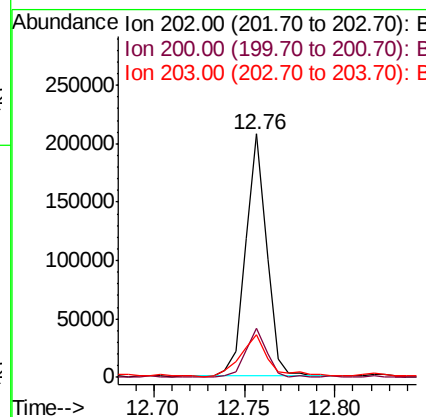
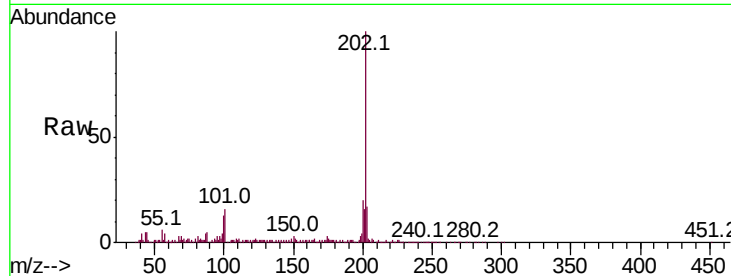




#78
Pvrene
Concen: 2.091 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BF111118.D
Acq: 5 Dec 2018 20:21

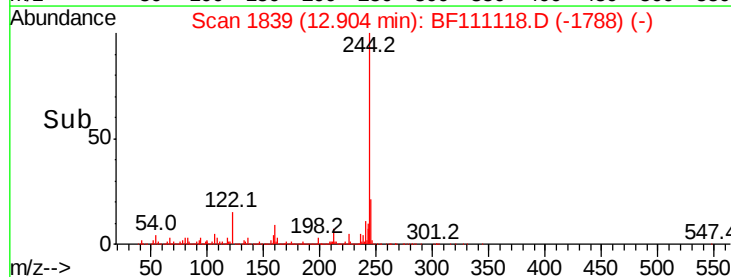
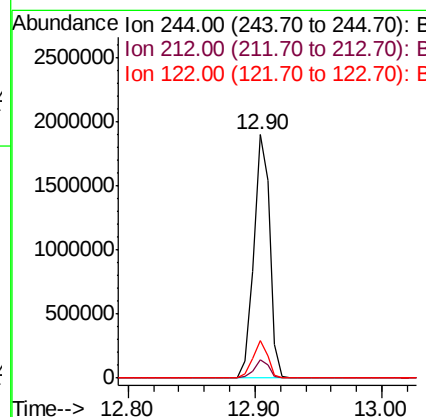
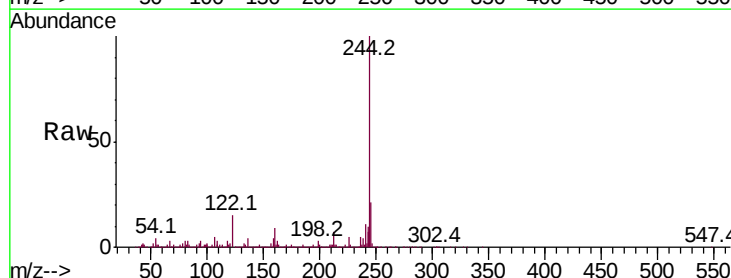
Instrument :
BNA_F
ClientSampleId :
JC-02-113018-D

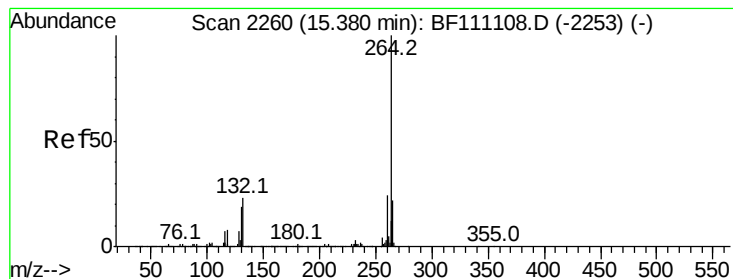
Tot Ion:202 Resp: 167324
Ion Ratio Lower Upper
202 100
200 20.0 19.3 28.9
203 17.3 15.4 23.2



#79
Terphenyl-d14
Concen: 33.170 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BF111118.D
Acq: 5 Dec 2018 20:21

Tgt Ion:244 Resp: 1663680
Ion Ratio Lower Upper
244 100
212 7.3 6.6 9.8
122 15.4 14.2 21.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111118.D

Acq: 5 Dec 2018 20:21

Instrument :

BNA_F

ClientSampleId :

JC-02-113018-D

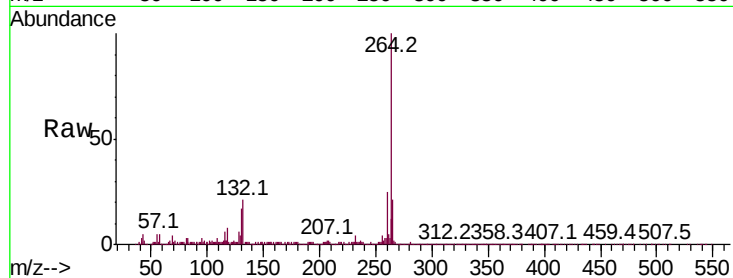
Tot Ion:264 Resp: 723932

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.0

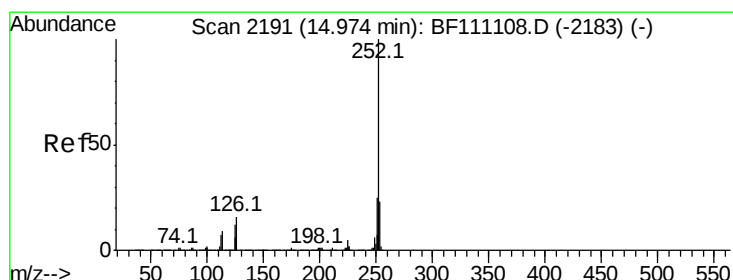
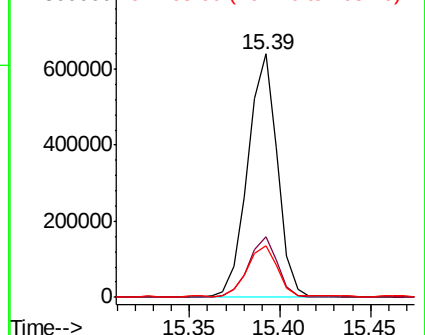
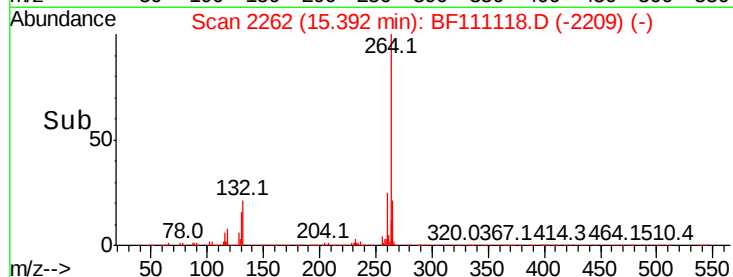
265 21.0 17.4 26.0



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



#88

Benzo(b)fluoranthene

Concen: 2.507 ng

RT: 14.97 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BF111118.D

Acq: 5 Dec 2018 20:21

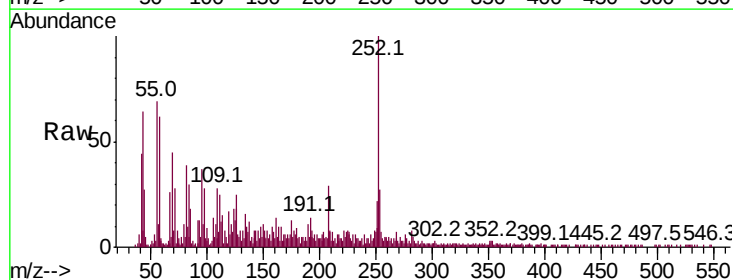
Tgt Ion:252 Resp: 102843

Ion Ratio Lower Upper

252 100

253 26.6 18.5 27.7

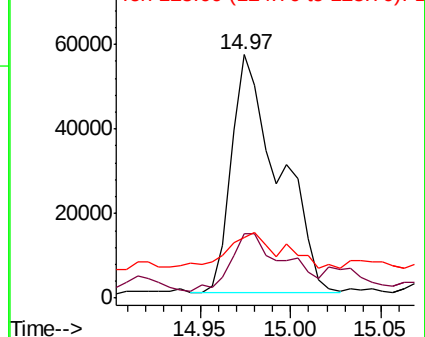
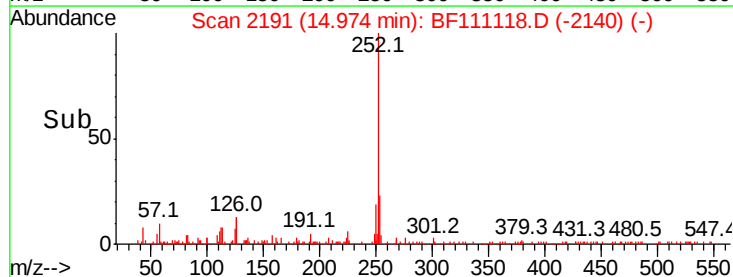
125 24.7 9.9 14.9#

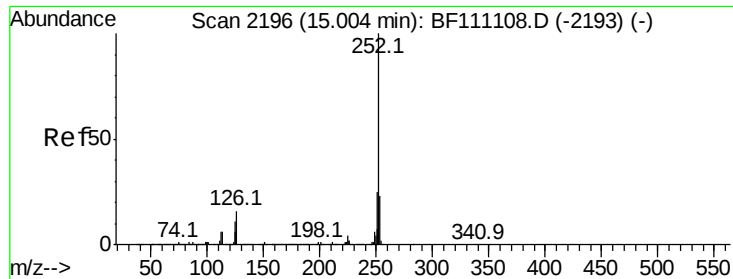


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.593 ng

RT: 14.97 min Scan# 2191

Delta R.T. -0.03 min

Lab File: BF111118.D

Acq: 5 Dec 2018 20:21

Instrument :

BNA_F

ClientSampleId :

JC-02-113018-D

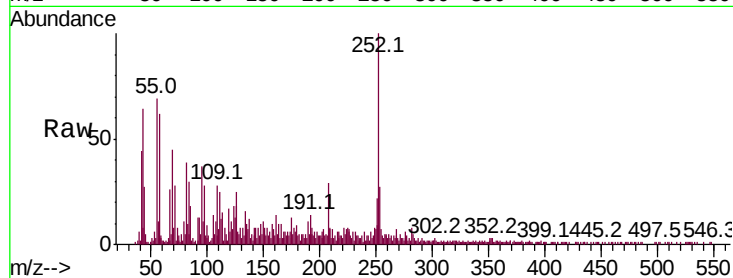
Tot Ion:252 Resp: 102843

Ion Ratio Lower Upper

252 100

253 26.6 18.2 27.4

125 24.7 9.9 14.9#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

