

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
 Data File : BF111119.D
 Acq On : 5 Dec 2018 20:49
 Operator : JU/SJ
 Sample : J5764-29 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Dec 06 01:29:23 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

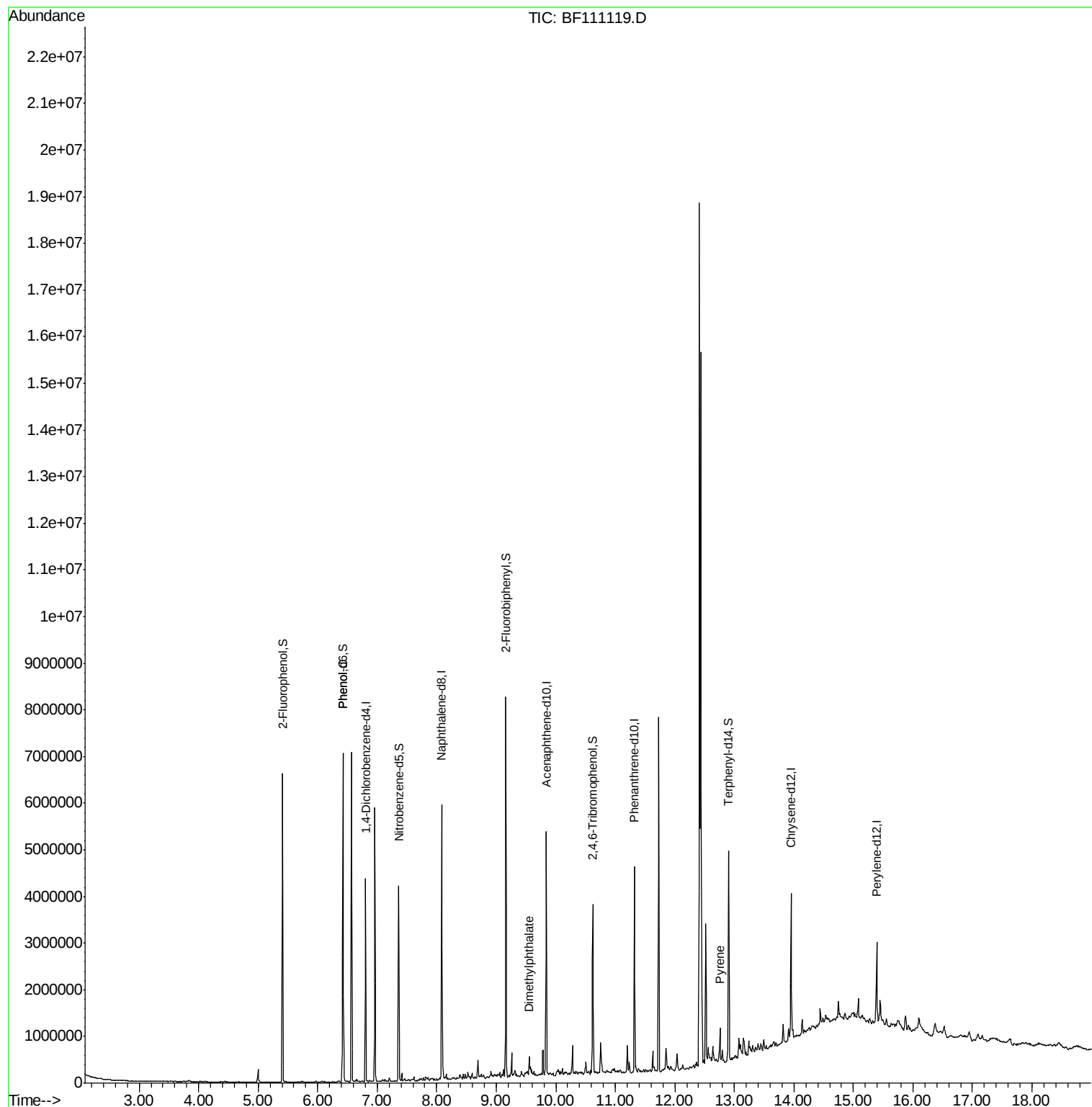
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	555007	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2135037	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	946247	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1399764	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1017141	20.00	ng	0.00
87) Perylene-d12	15.39	264	721376	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1630982	45.86	ng	0.00
7) Phenol-d6	6.43	99	2116816	46.20	ng	0.00
23) Nitrobenzene-d5	7.36	82	1249888	34.66	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	313638	41.70	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2104057	32.24	ng	0.00
79) Terphenyl-d14	12.91	244	1455701	29.31	ng	0.00
Target Compounds						
10) Phenol	6.43	94	127985	2.562	ng	90
50) Dimethylphthalate	9.55	163	133258	2.024	ng	99
78) Pyrene	12.76	202	159747	2.016	ng	96

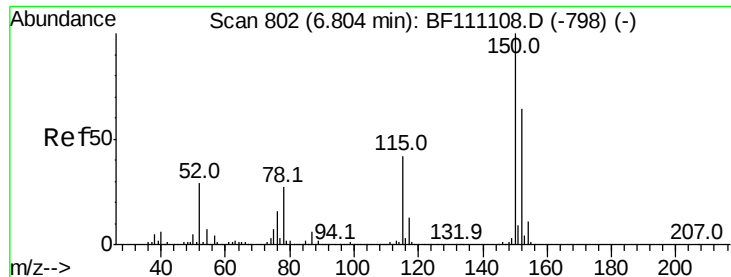
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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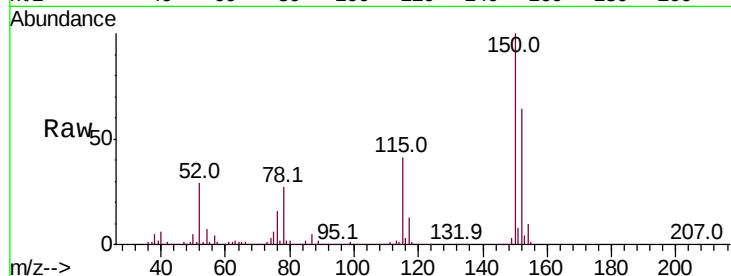


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111119.D
Acq: 5 Dec 2018 20:49

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	187.0
115	64.1	52.2	78.2

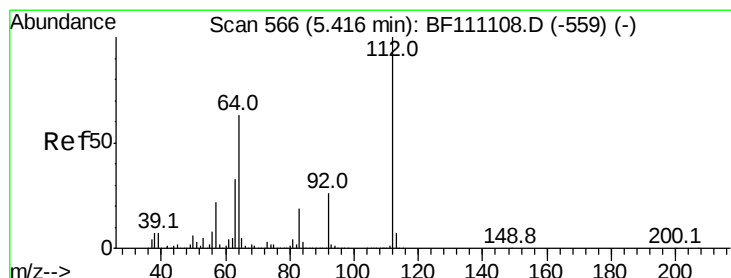
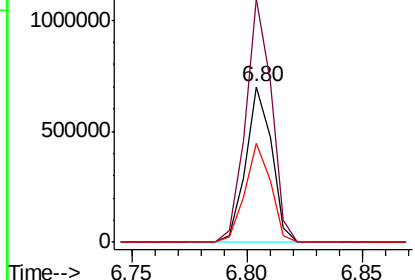
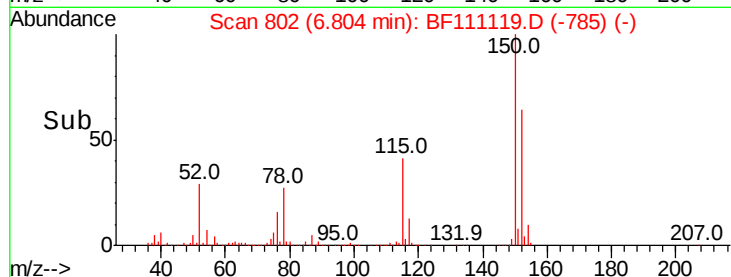


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

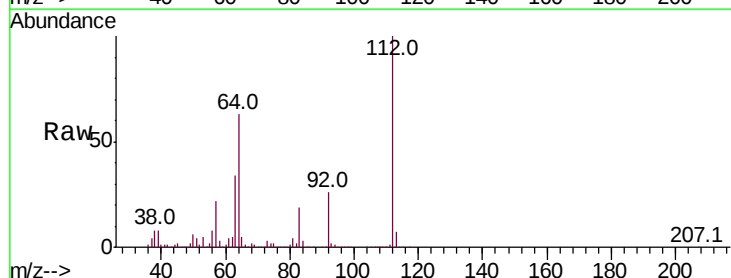
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 45.857 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF111119.D
Acq: 5 Dec 2018 20:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	50.2	75.4
63	33.9	26.6	39.8

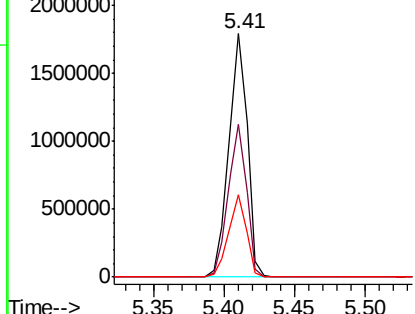
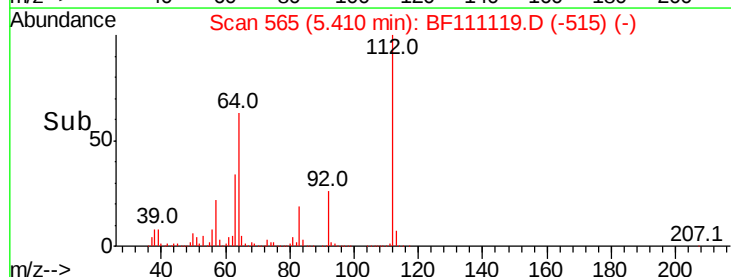


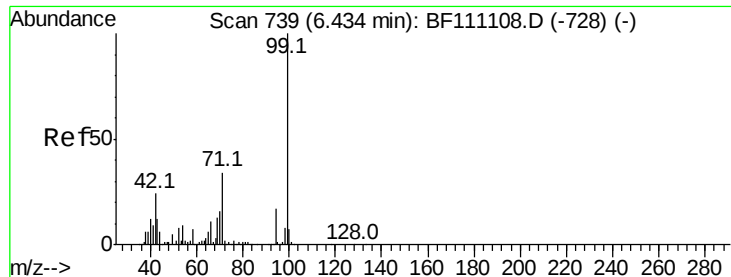
Abundance

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: 46.202 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111119.D

Acq: 5 Dec 2018 20:49

Instrument :

BNA_F

ClientSampleId :

JC-02-113018-E

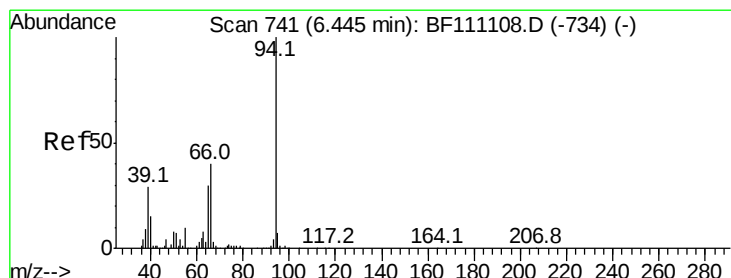
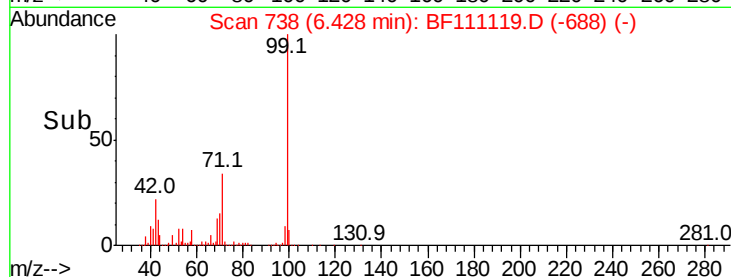
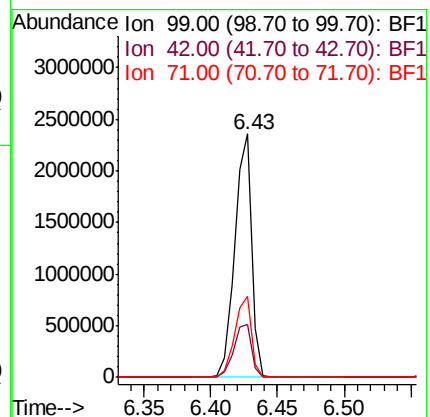
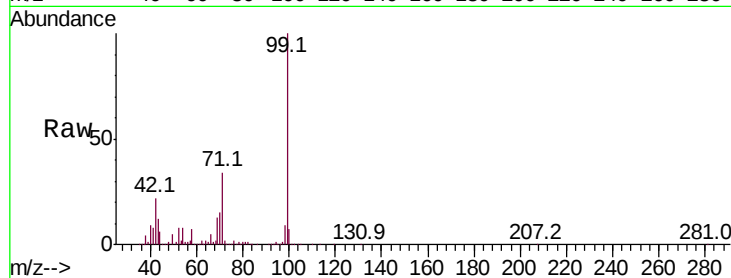
Tot Ion: 99 Resp: 2116816

Ion Ratio Lower Upper

99 100

42 21.9 19.3 28.9

71 33.5 27.4 41.2



#10

Phenol

Concen: 2.562 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111119.D

Acq: 5 Dec 2018 20:49

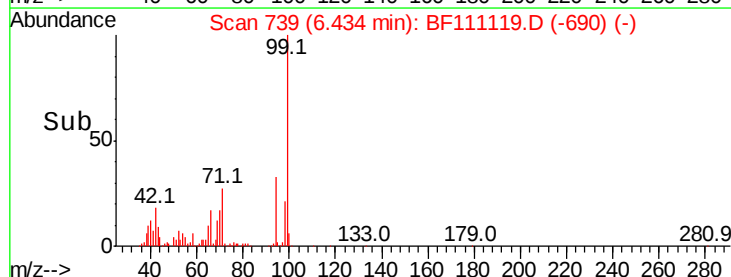
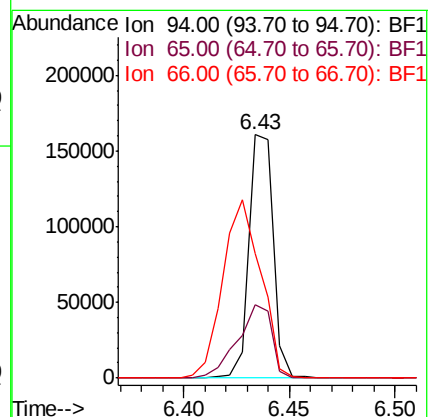
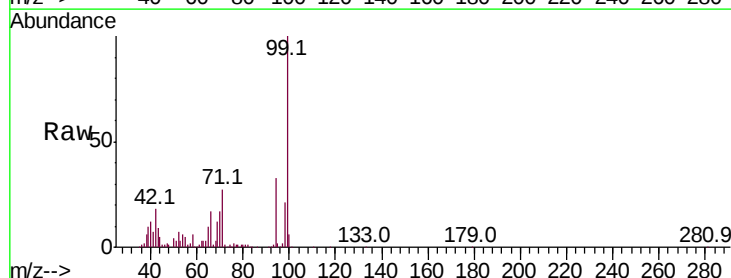
Tgt Ion: 94 Resp: 127985

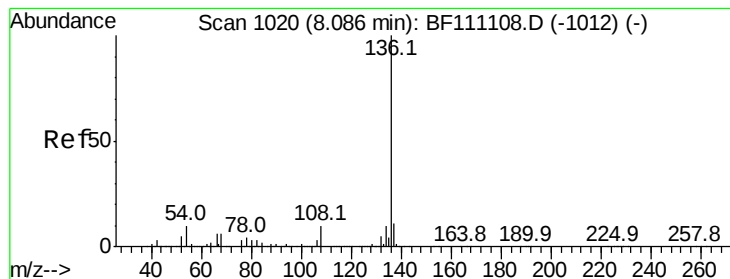
Ion Ratio Lower Upper

94 100

65 30.4 10.5 50.5

66 51.0 19.8 59.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF111119.D

Acq: 5 Dec 2018 20:49

Instrument :

BNA_F

ClientSampleId :

JC-02-113018-E

Tot Ion:136 Resp: 2135037

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.0	13.6
54	10.5	8.4	12.6
68	5.9	5.0	7.4

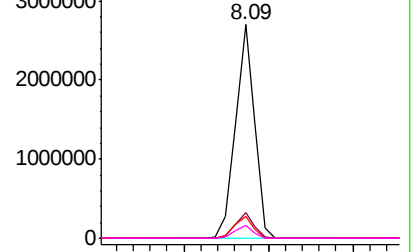
Abundance

Ion 136.00 (135.70 to 136.70): E

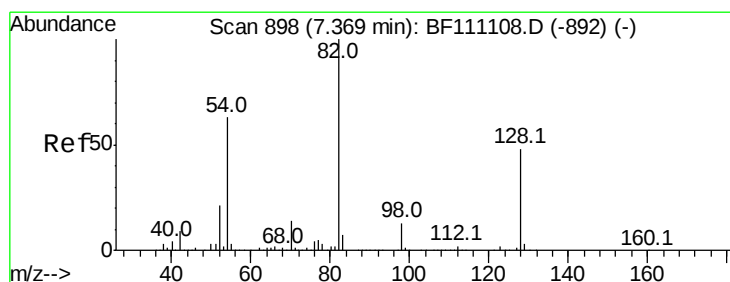
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 34.659 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF111119.D

Acq: 5 Dec 2018 20:49

Tgt Ion: 82 Resp: 1249888

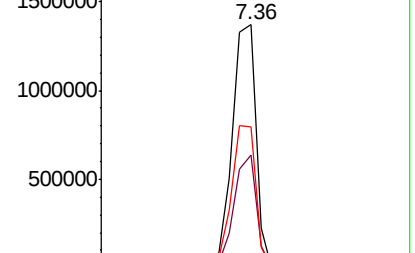
Ion	Ratio	Lower	Upper
82	100		
128	46.7	38.1	57.1
54	57.8	50.3	75.5

Abundance

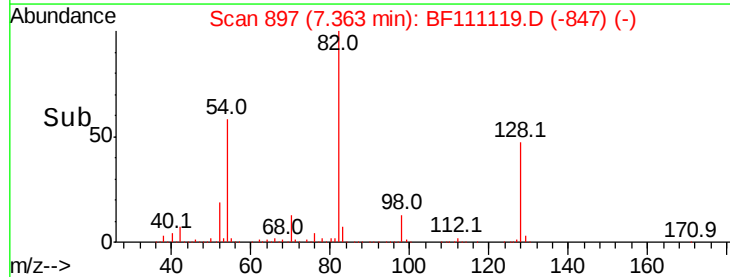
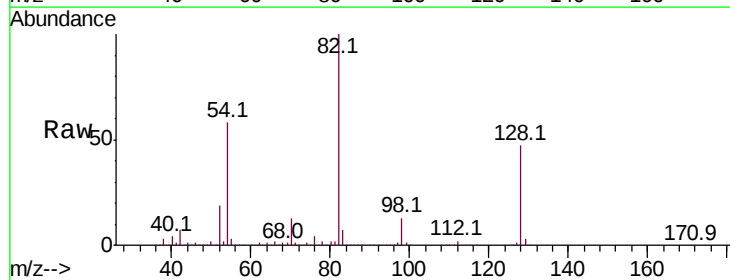
Ion 82.00 (81.70 to 82.70): BF1

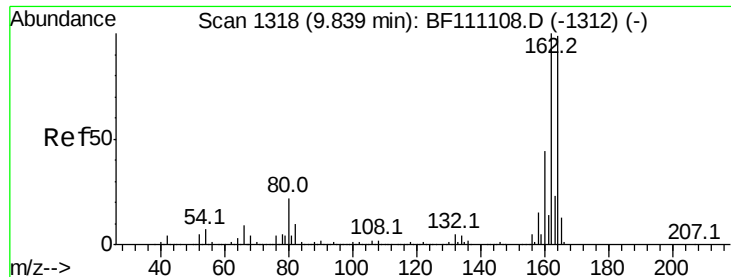
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->

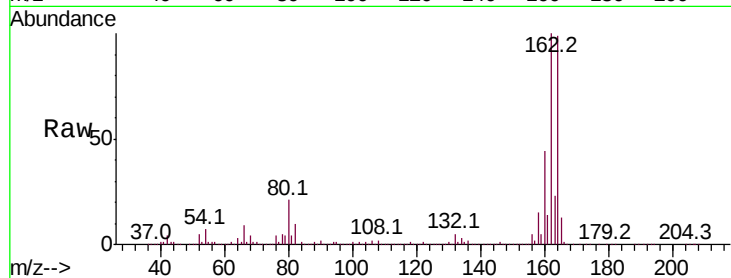




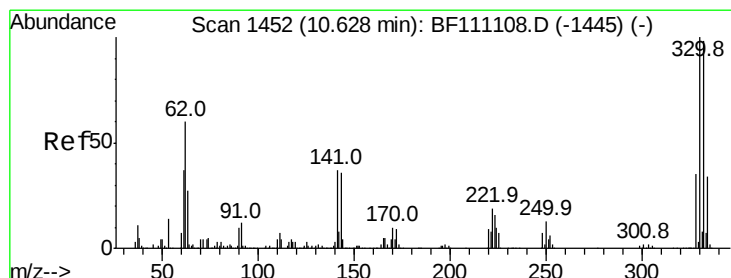
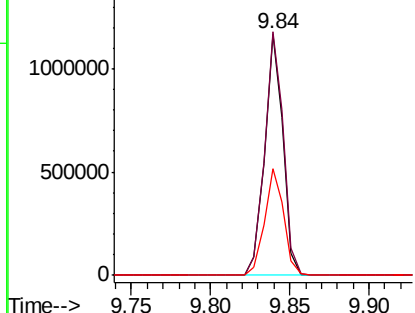
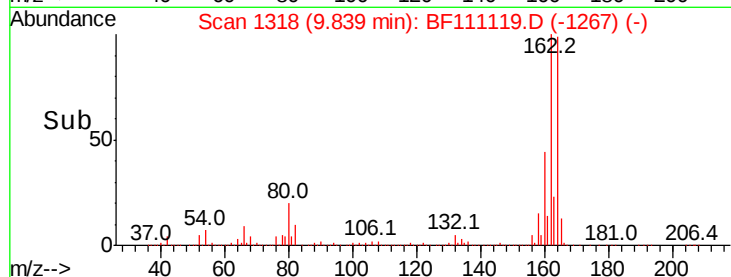
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF111119.D
 Acq: 5 Dec 2018 20:49

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	44.2	35.5	53.3

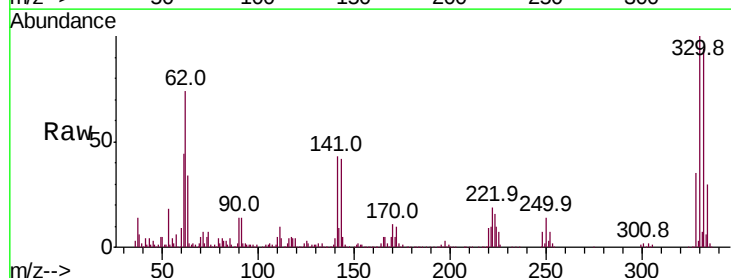


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

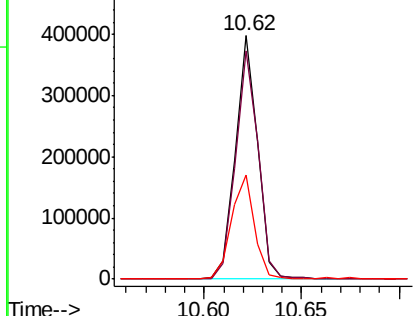
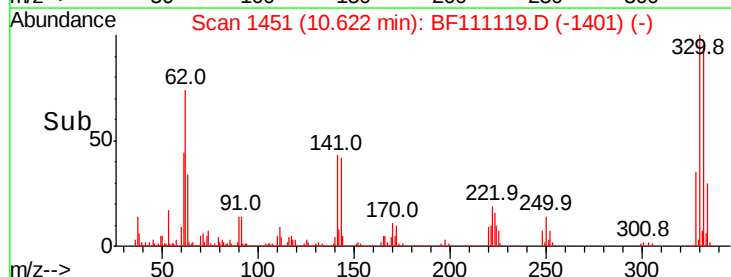


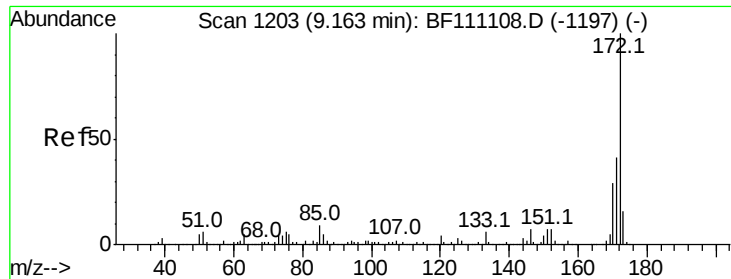
#42
 2,4,6-Tribromophenol
 Concen: 41.698 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF111119.D
 Acq: 5 Dec 2018 20:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.2	115.8
141	43.8	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

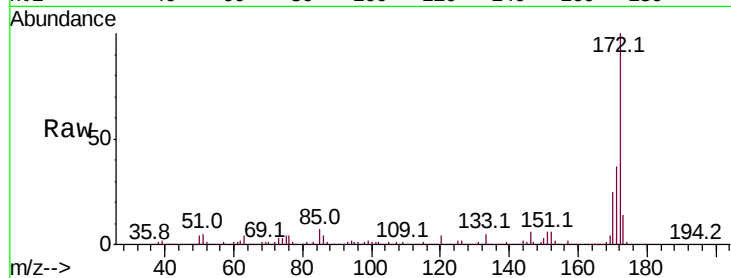




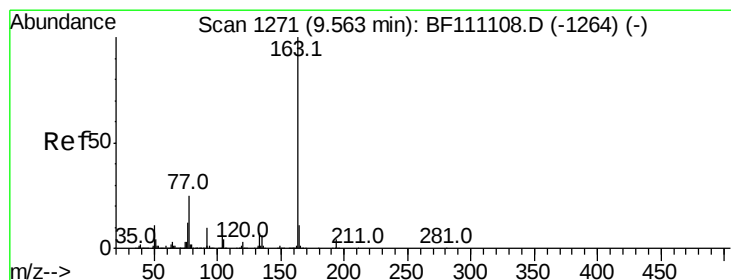
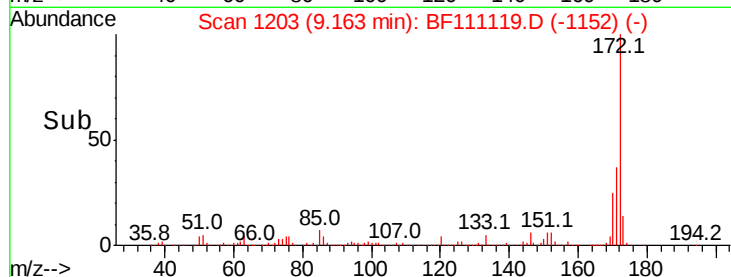
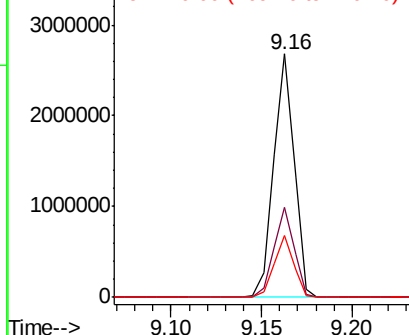
#45
2-Fluorobiphenyl
Concen: 32.237 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111119.D
Acq: 5 Dec 2018 20:49

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

Tot Ion:172 Resp: 2104057
Ion Ratio Lower Upper
172 100
171 37.0 33.2 49.8
170 25.3 22.9 34.3

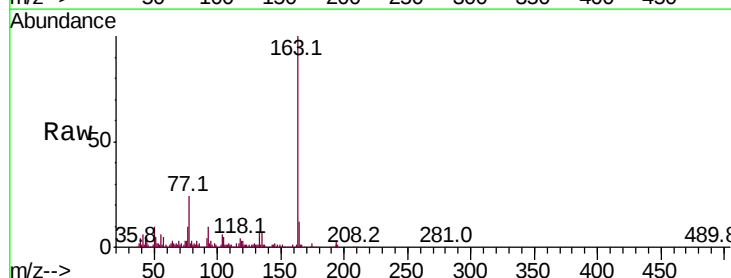


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

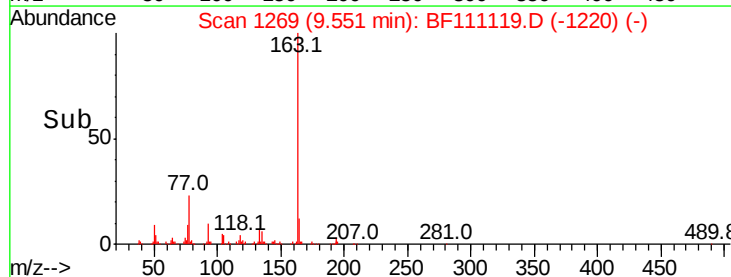
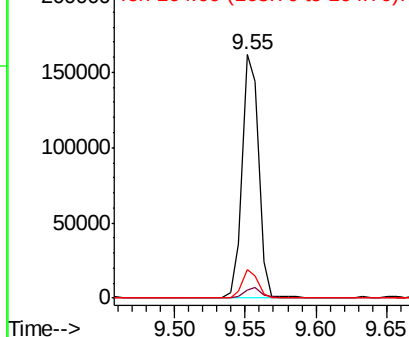


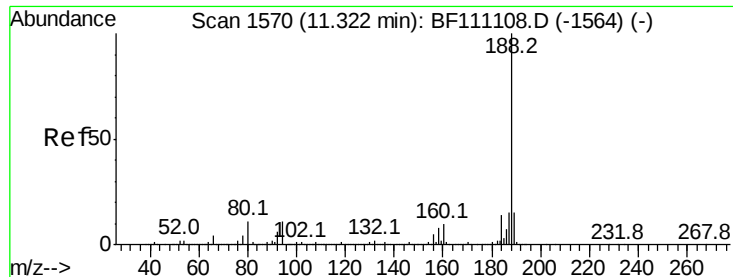
#50
Dimethylphthalate
Concen: 2.024 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111119.D
Acq: 5 Dec 2018 20:49

Tgt Ion:163 Resp: 133258
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 11.5 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: BF111119.D

Acq: 5 Dec 2018 20:49

Instrument :

BNA_F

ClientSampleId :

JC-02-113018-E

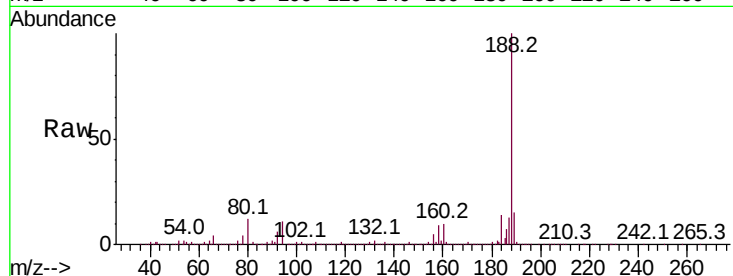
Tot Ion:188 Resp: 1399764

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

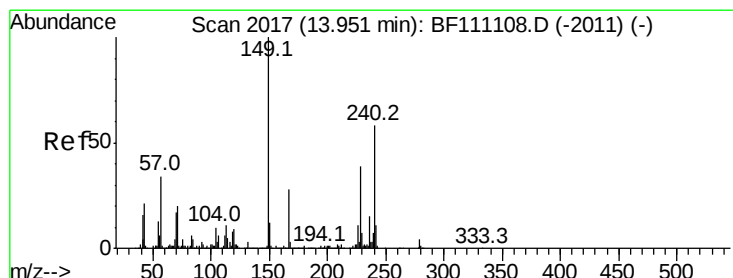
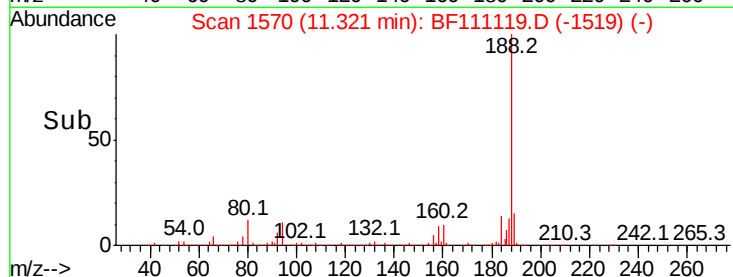
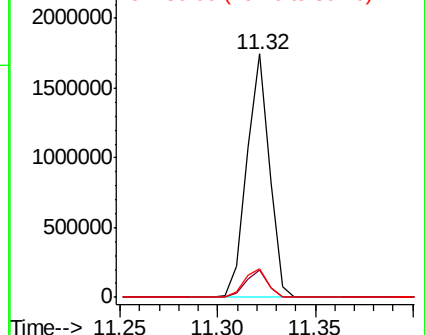
80 11.7 9.0 13.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111119.D

Acq: 5 Dec 2018 20:49

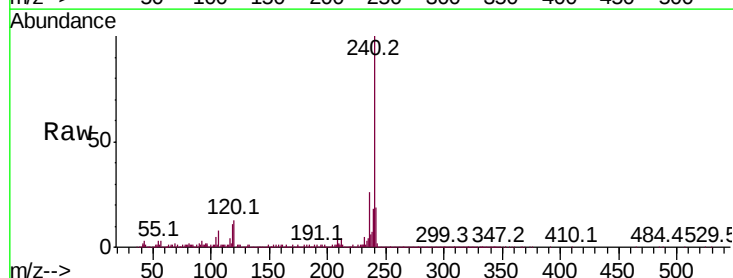
Tgt Ion:240 Resp: 1017141

Ion Ratio Lower Upper

240 100

120 12.7 12.8 19.2#

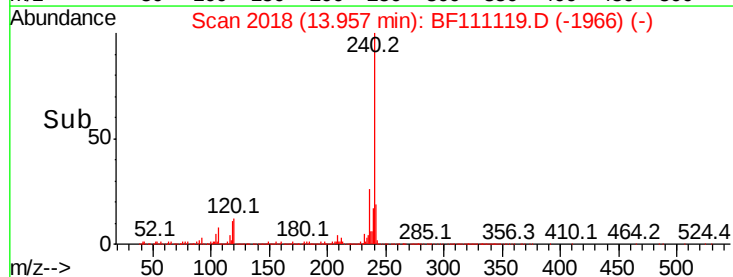
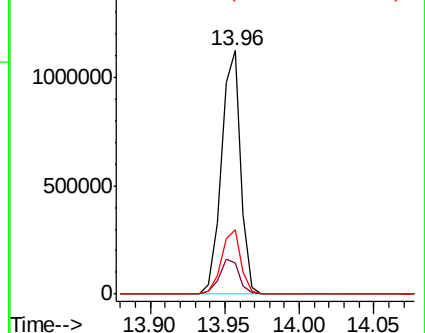
236 26.4 21.1 31.7

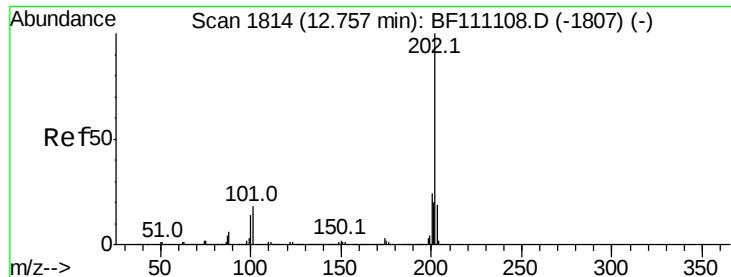


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

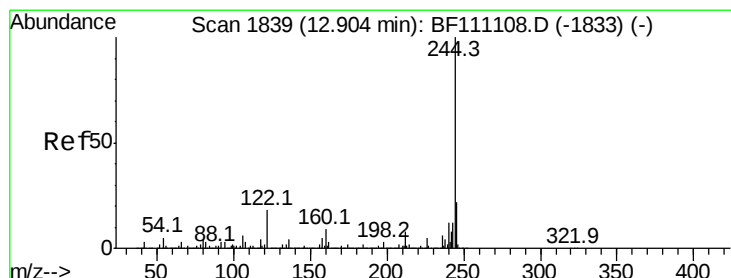
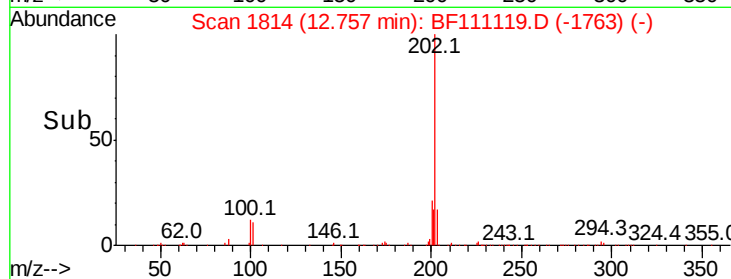
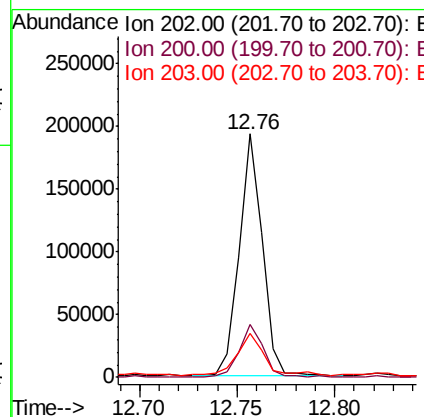
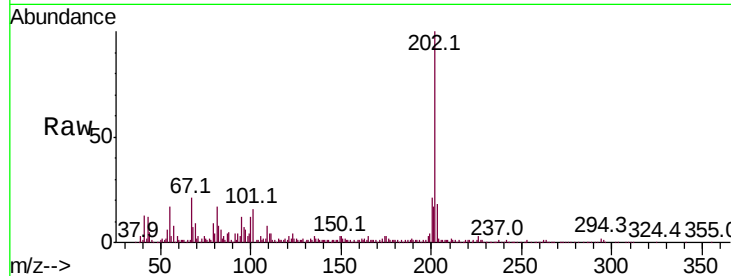




#78
Pvrene
Concen: 2.016 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF111119.D
Acq: 5 Dec 2018 20:49

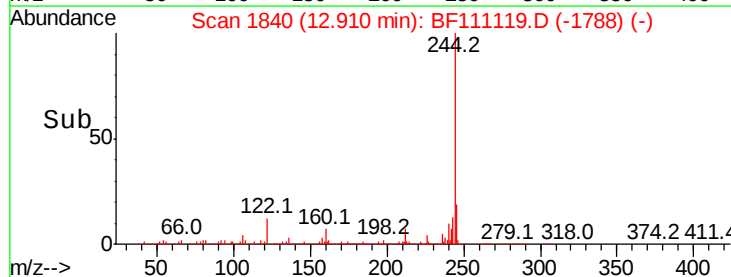
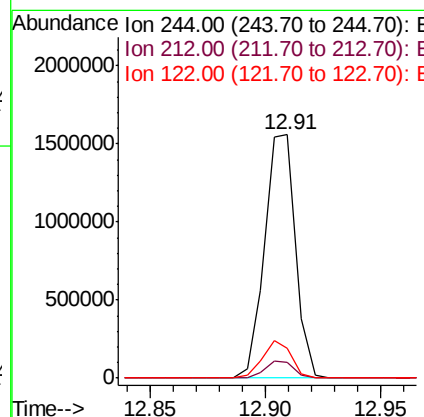
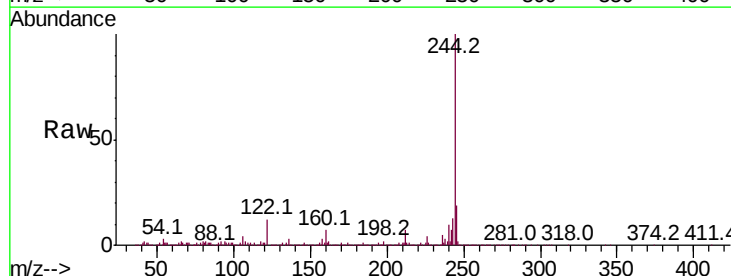
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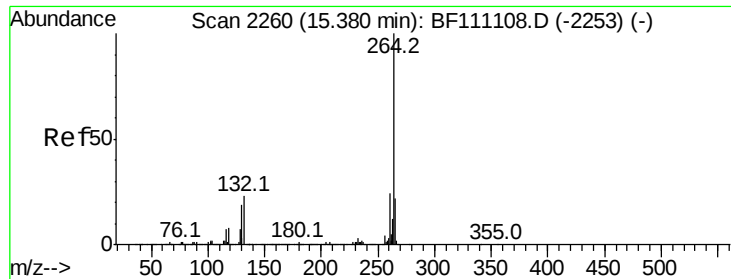
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	19.3	28.9
203	18.1	15.4	23.2



#79
Terphenyl-d14
Concen: 29.310 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111119.D
Acq: 5 Dec 2018 20:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.6	9.8
122	12.0	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: BF111119.D
Acq: 5 Dec 2018 20:49

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.0
265	21.7	17.4	26.0

