

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110562.D
 Acq On : 7 Nov 2018 18:20
 Operator : JU/SJ
 Sample : J5813-07 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-G

Quant Time: Nov 09 10:34:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

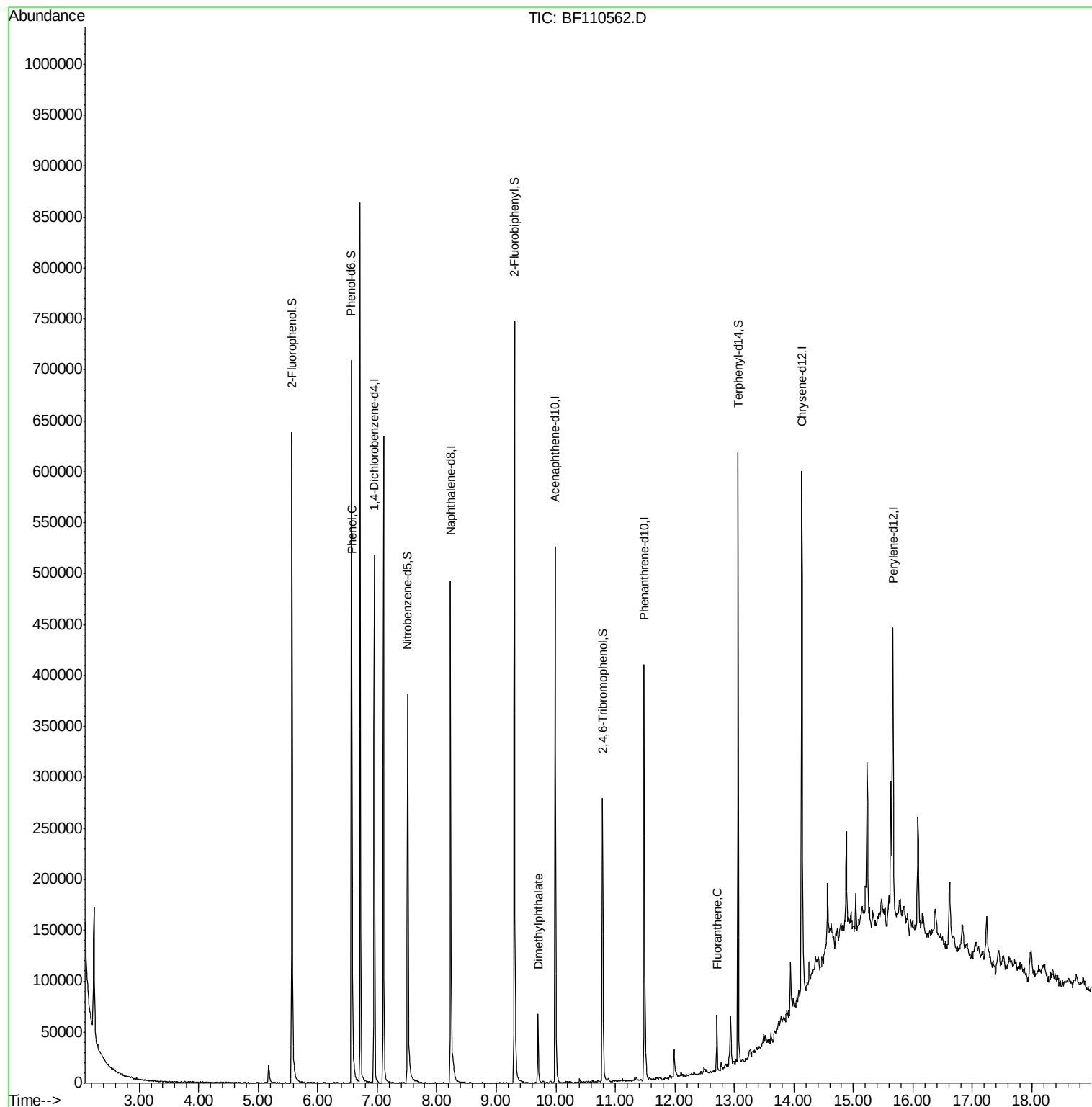
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	73585	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	282053	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	109492	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	171355	20.00	ng	0.00
76) Chrysene-d12	14.13	240	171113	20.00	ng	0.00
87) Perylene-d12	15.66	264	143128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	197229	43.65	ng	0.00
7) Phenol-d6	6.57	99	250521	43.34	ng	-0.01
23) Nitrobenzene-d5	7.51	82	150125	31.57	ng	-0.01
42) 2,4,6-Tribromophenol	10.79	330	39340	36.27	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	258859	37.12	ng	-0.01
79) Terphenyl-d14	13.06	244	195549	23.77	ng	-0.01
Target Compounds						
10) Phenol	6.58	94	15015	2.430	ng	83
50) Dimethylphthalate	9.70	163	35626	4.408	ng	100
75) Fluoranthene	12.70	202	24426	2.684	ng	98

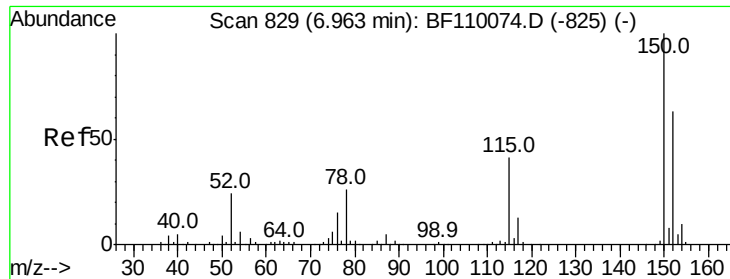
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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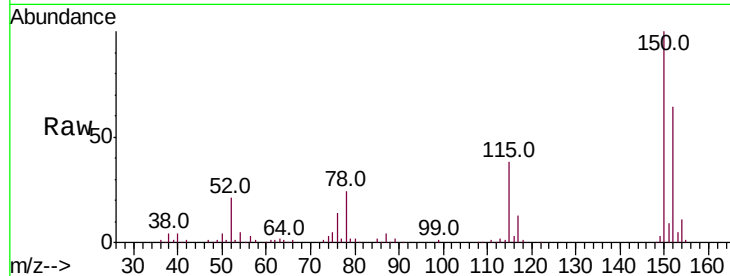


#1

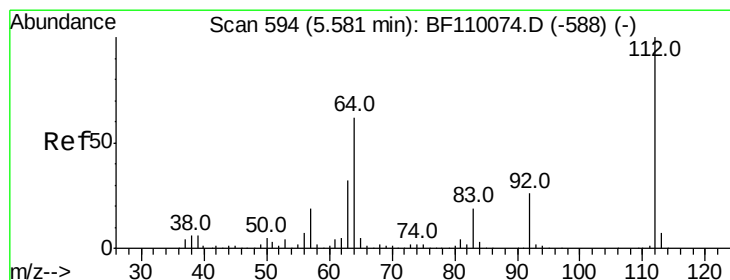
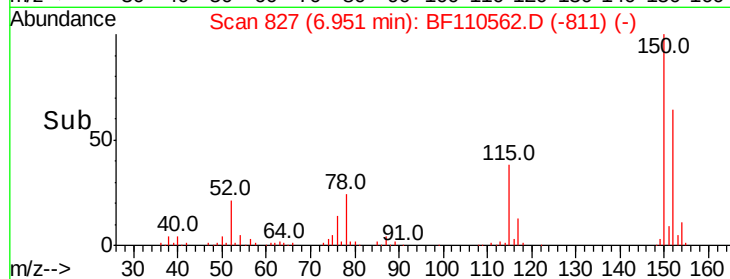
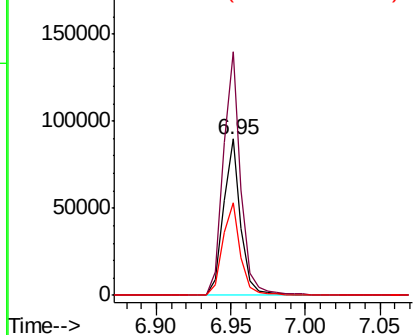
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
TS-G

Tot Ion:152 Resp: 73585
Ion Ratio Lower Upper
152 100
150 155.7 122.7 184.1
115 59.1 49.1 73.7



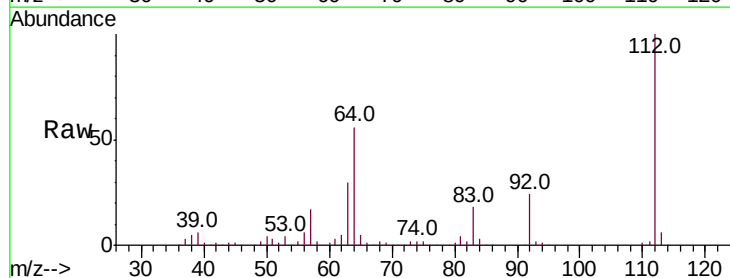
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



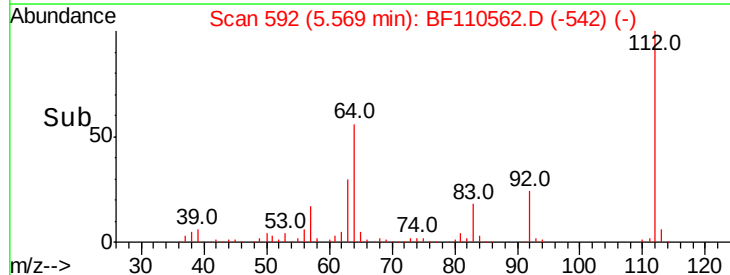
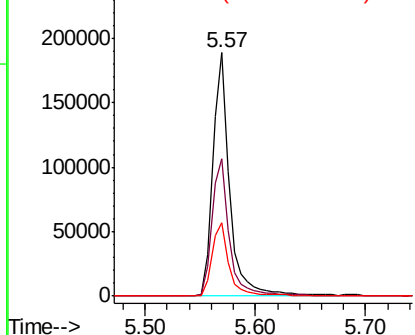
#5

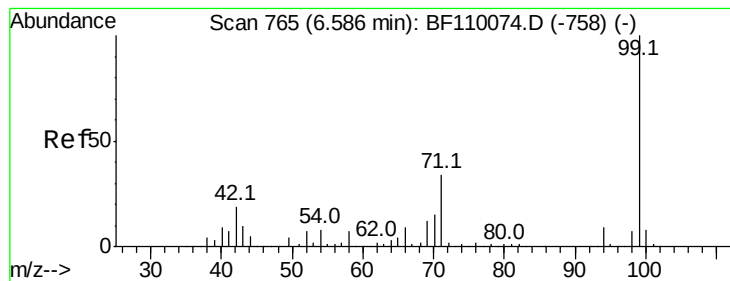
2-Fluorophenol
Concen: 43.647 ng
RT: 5.57 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Tgt Ion:112 Resp: 197229
Ion Ratio Lower Upper
112 100
64 56.4 44.1 66.1
63 30.3 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: 43.344 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110562.D

Acq: 7 Nov 2018 18:20

Instrument :

BNA_F

ClientSampleId :

TS-G

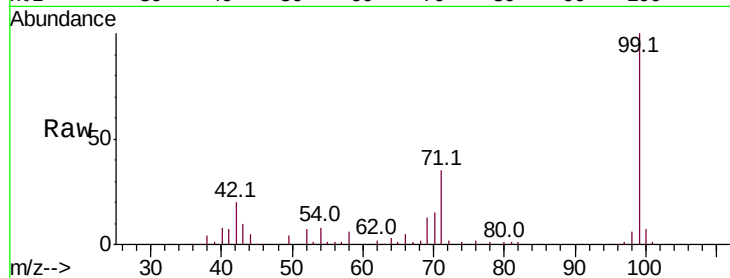
Tot Ion: 99 Resp: 250521

Ion Ratio Lower Upper

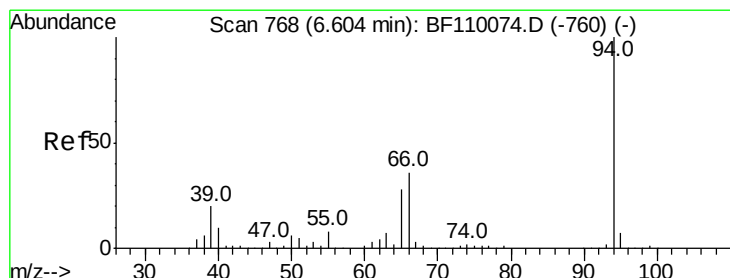
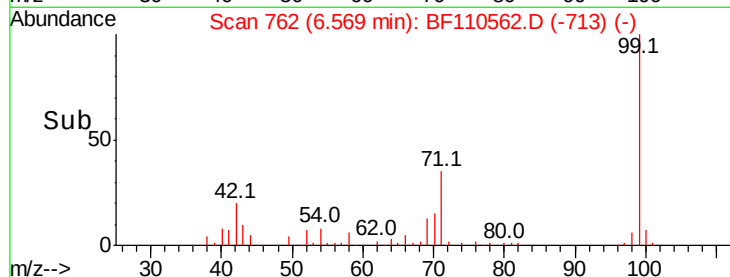
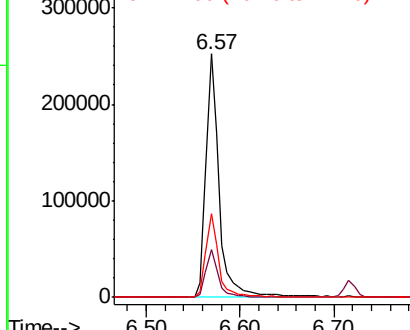
99 100

42 19.6 15.8 23.6

71 34.6 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: 2.430 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110562.D

Acq: 7 Nov 2018 18:20

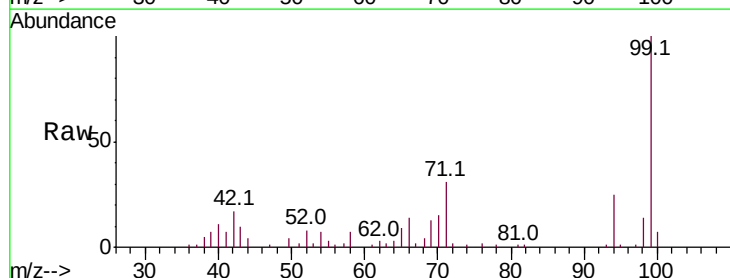
Tgt Ion: 94 Resp: 15015

Ion Ratio Lower Upper

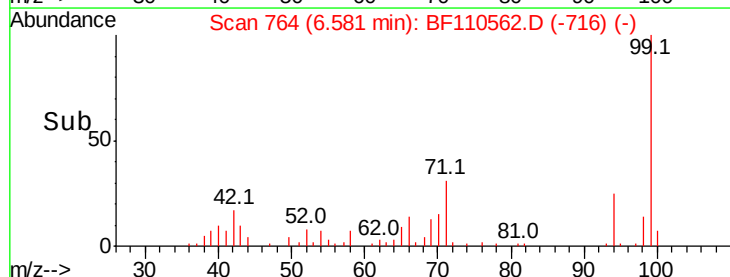
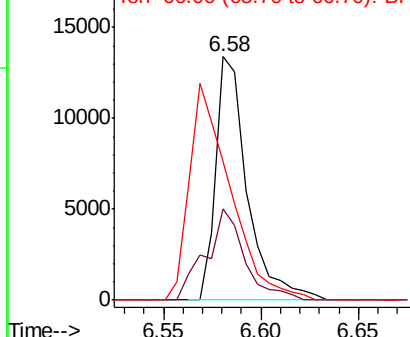
94 100

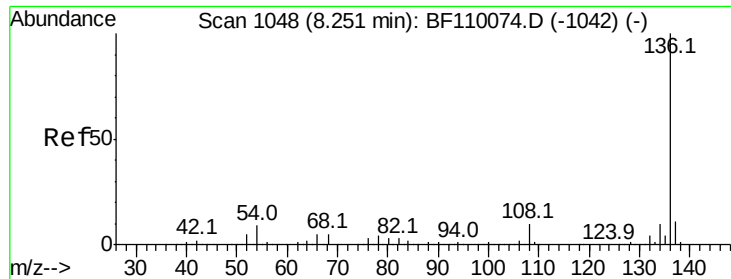
65 37.5 25.3 65.3

66 57.2 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

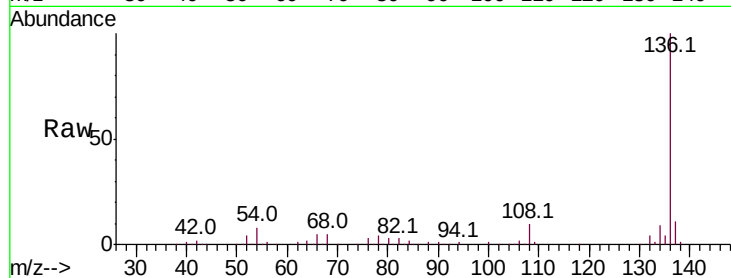




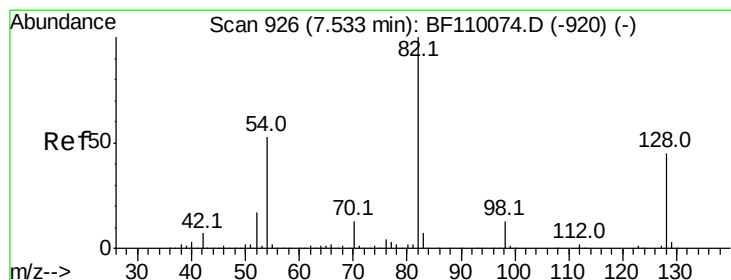
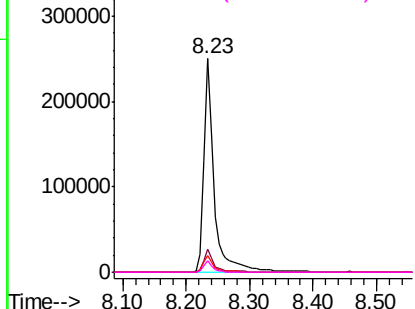
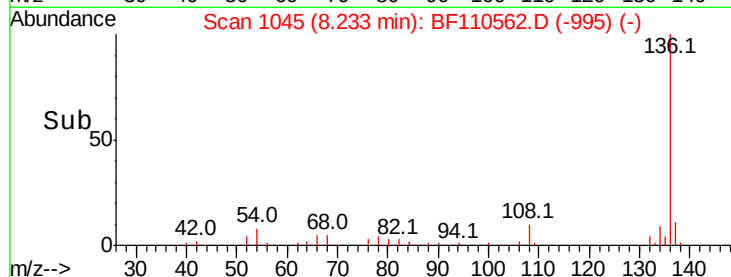
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
TS-G

Tot Ion:	136	Resp:	282053
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.7	5.4	8.2
68	5.5	4.2	6.2

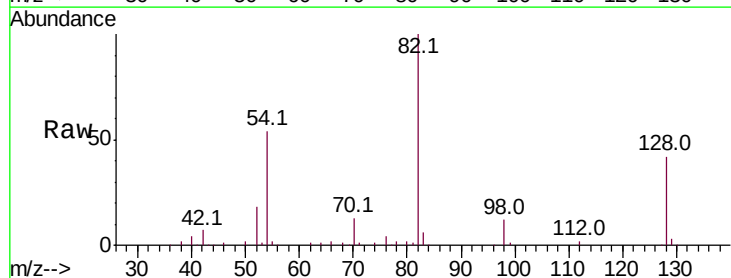


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

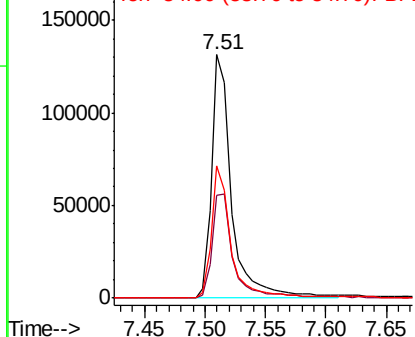
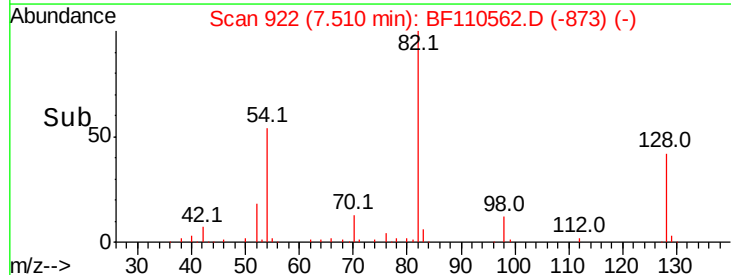


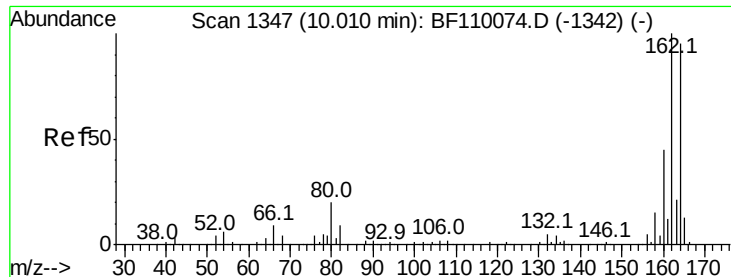
#23
Nitrobenzene-d5
Concen: 31.570 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Tgt Ion:	82	Resp:	150125
Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.2	51.2
54	54.3	38.6	58.0



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

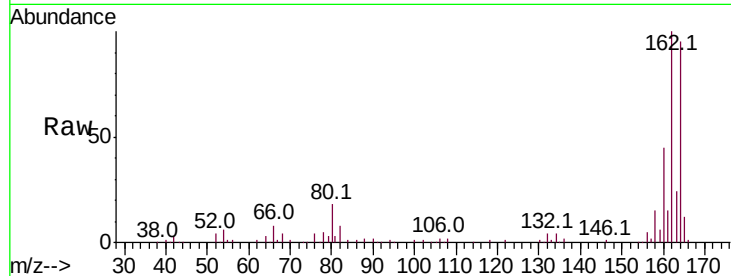




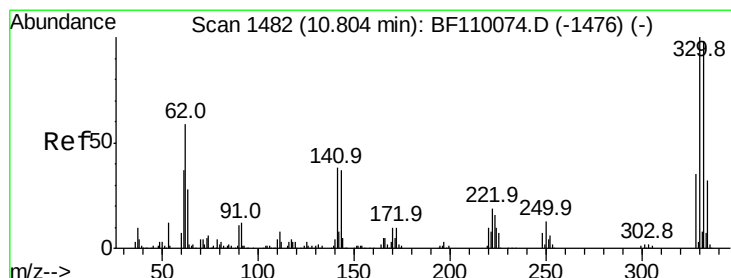
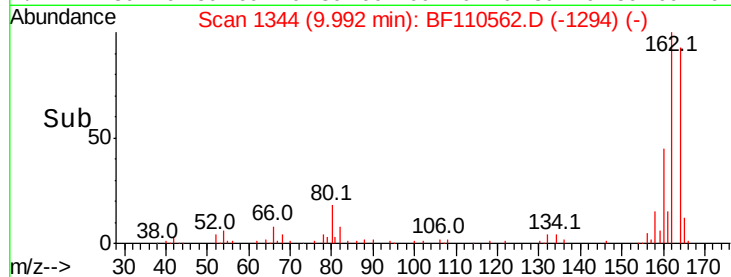
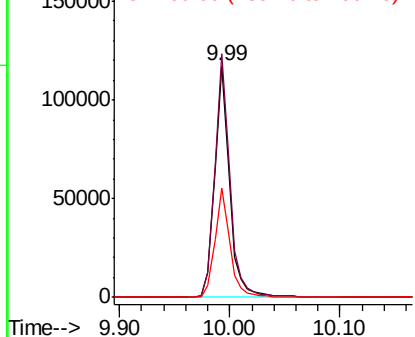
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
TS-G

Tot Ion:164 Resp: 109492
Ion Ratio Lower Upper
164 100
162 105.3 83.0 124.6
160 47.3 37.0 55.6

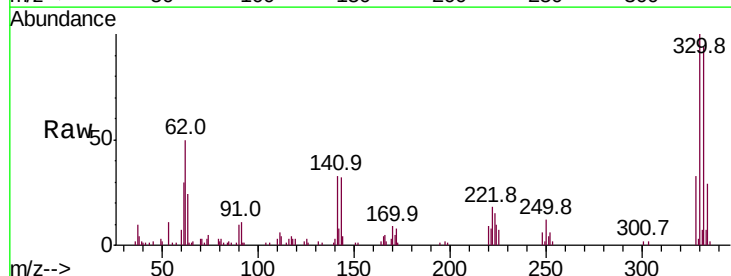


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

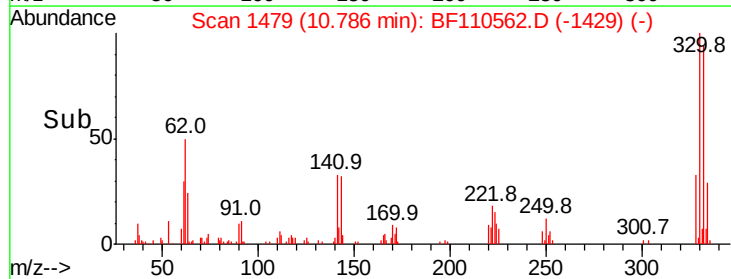
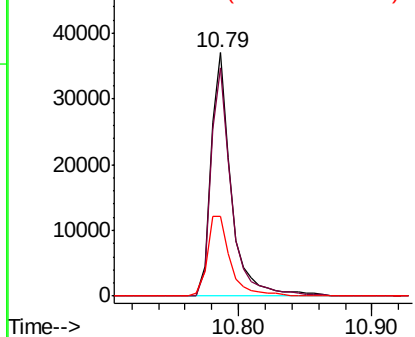


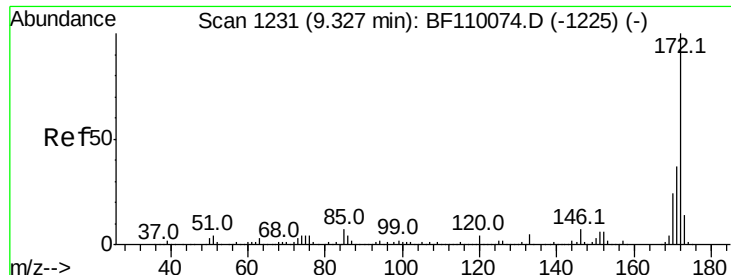
#42
2,4,6-Tribromophenol
Concen: 36.272 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Tgt Ion:330 Resp: 39340
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 37.6 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

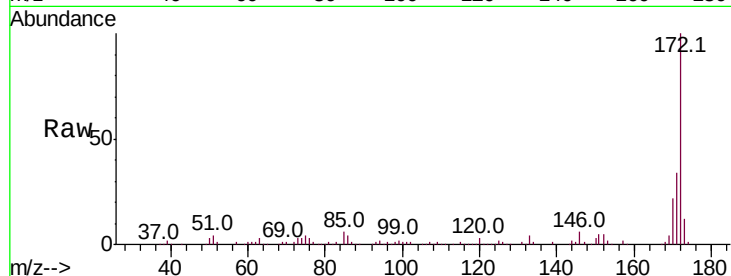




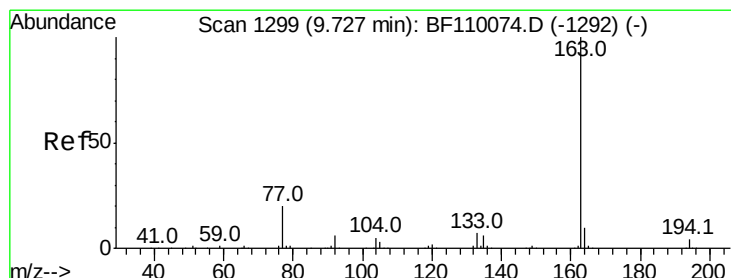
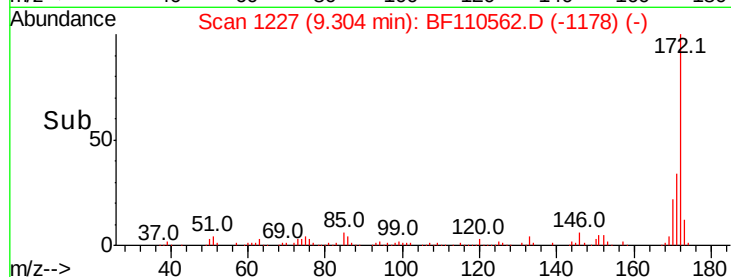
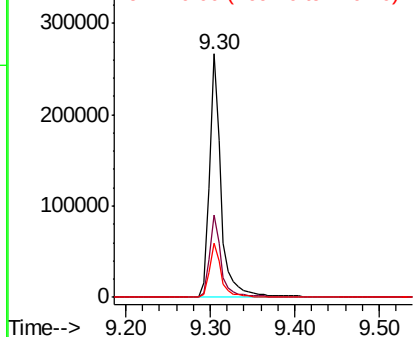
#45
2-Fluorobiphenyl
Concen: 37.124 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
TS-G

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.6	43.0
170	22.3	19.7	29.5

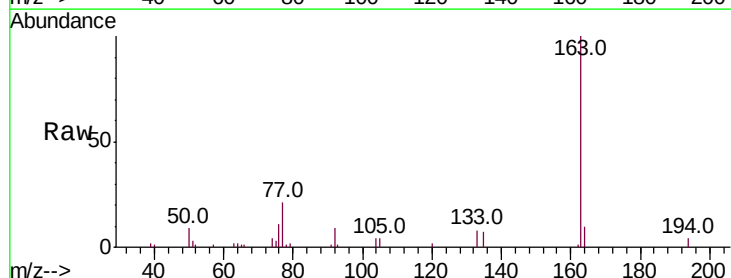


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

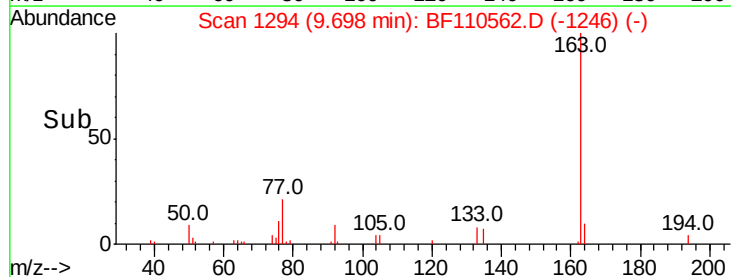
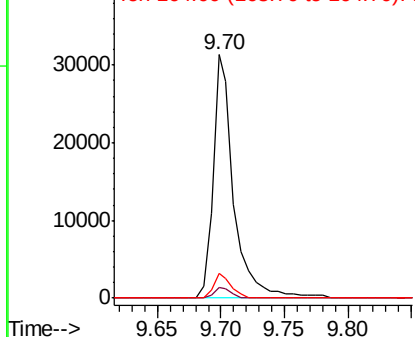


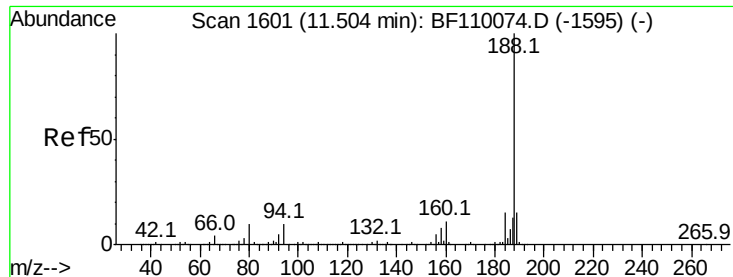
#50
Dimethylphthalate
Concen: 4.408 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.1	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: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110562.D

Acq: 7 Nov 2018 18:20

Instrument :

BNA_F

ClientSampleId :

TS-G

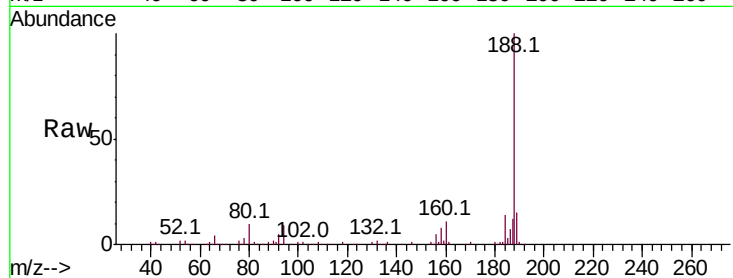
Tot Ion:188 Resp: 171355

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

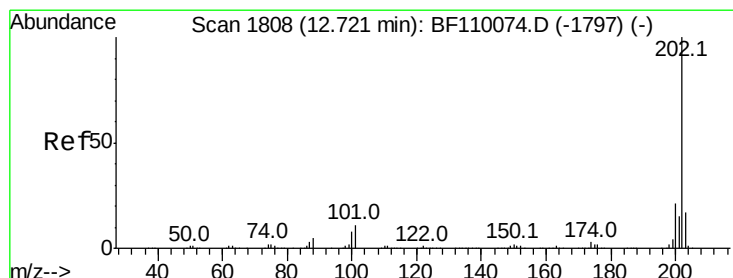
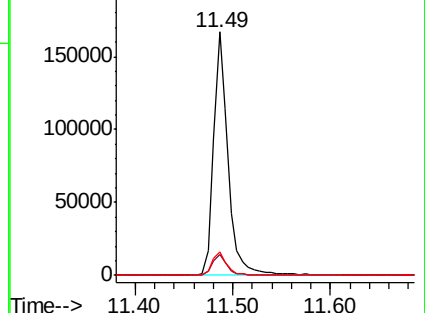
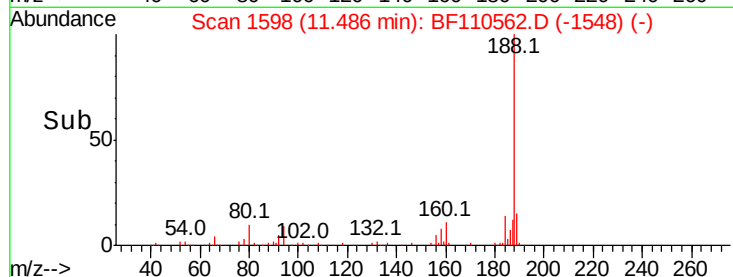
80 9.8 7.9 11.9



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: 2.684 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110562.D

Acq: 7 Nov 2018 18:20

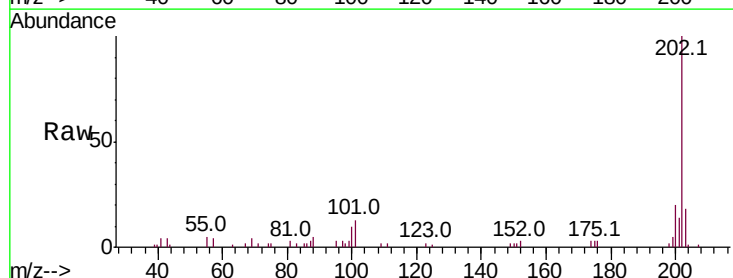
Tgt Ion:202 Resp: 24426

Ion Ratio Lower Upper

202 100

101 12.7 0.0 31.4

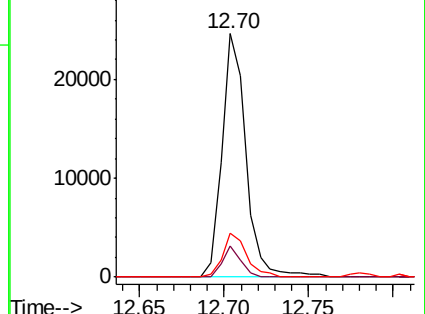
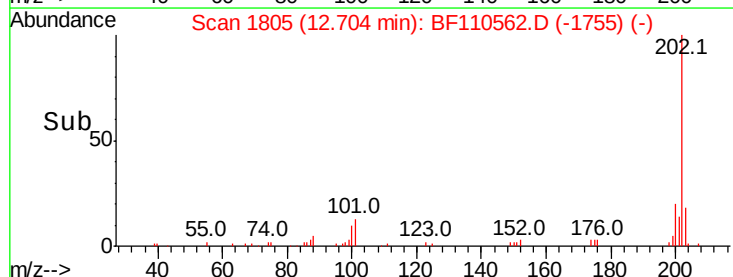
203 18.2 0.0 37.7

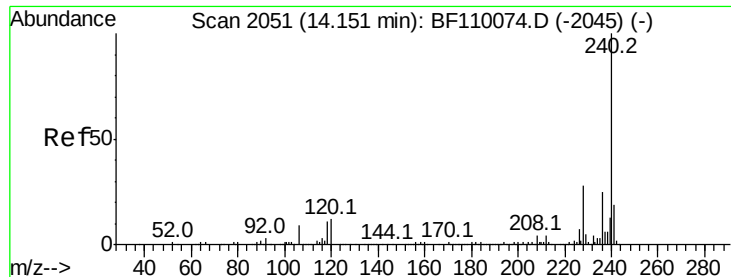


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.01 min

Lab File: BF110562.D

Acq: 7 Nov 2018 18:20

Instrument :

BNA_F

ClientSampleId :

TS-G

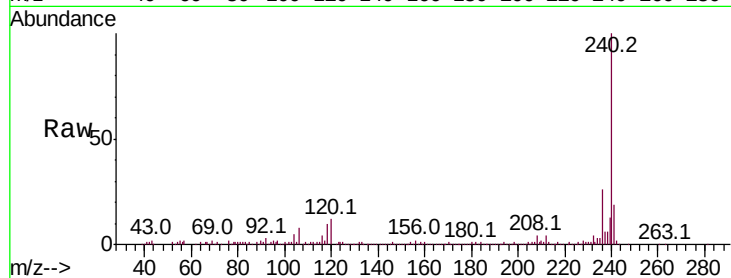
Tot Ion:240 Resp: 171113

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

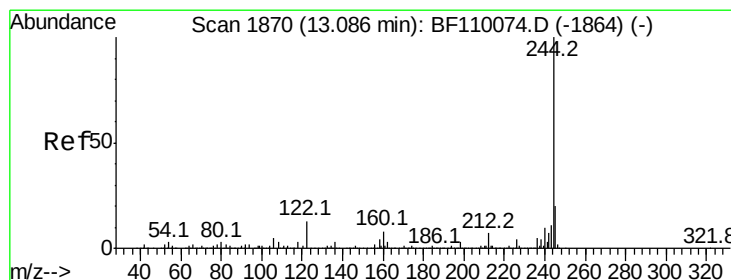
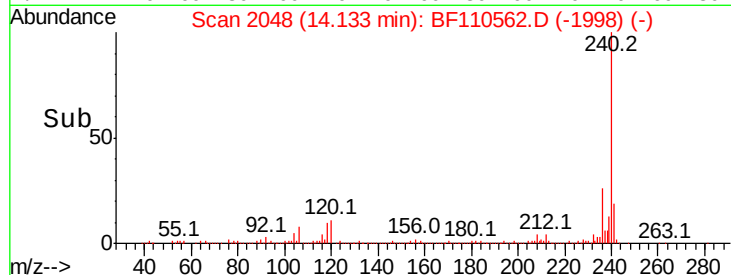
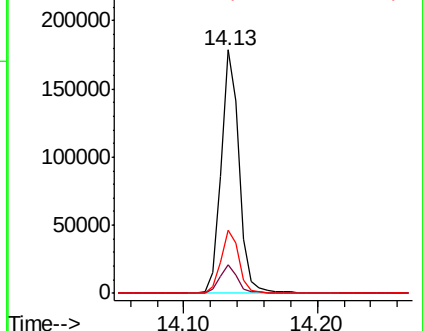
236 26.0 21.2 31.8



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



#79

Terphenyl-d14

Concen: 23.767 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110562.D

Acq: 7 Nov 2018 18:20

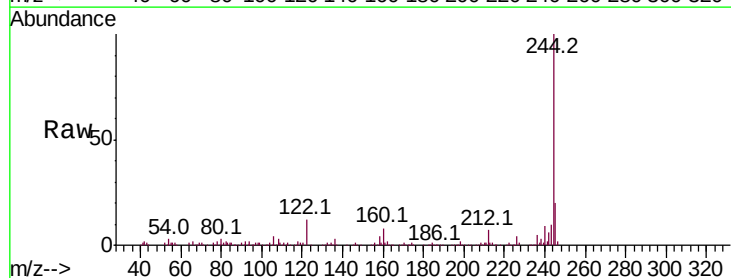
Tgt Ion:244 Resp: 195549

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

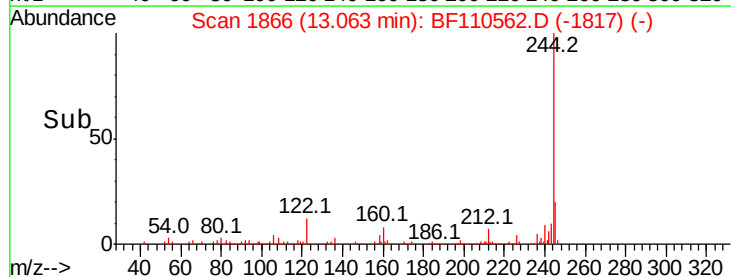
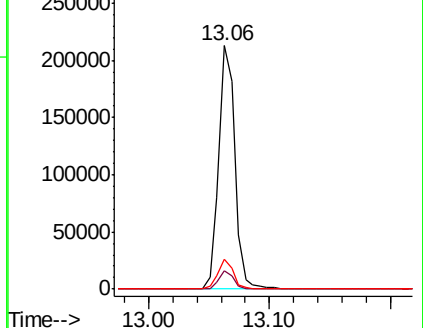
122 12.3 8.7 13.1

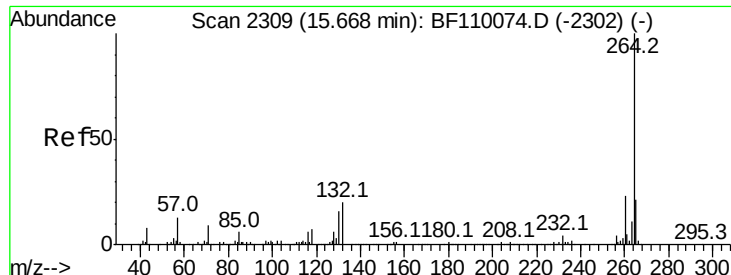


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

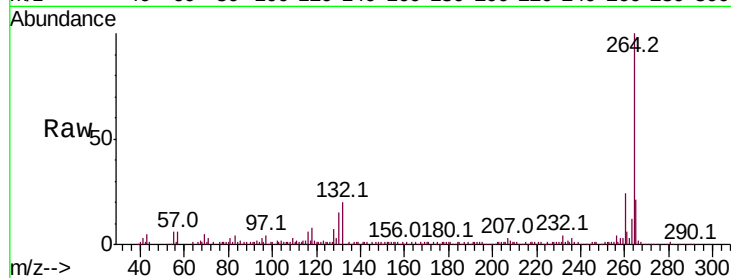




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :
TS-G

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	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

