

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111967.D
 Acq On : 9 Jan 2019 23:20
 Operator : JU/SJ
 Sample : K1075-11 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASIN-6

Quant Time: Jan 10 03:21:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

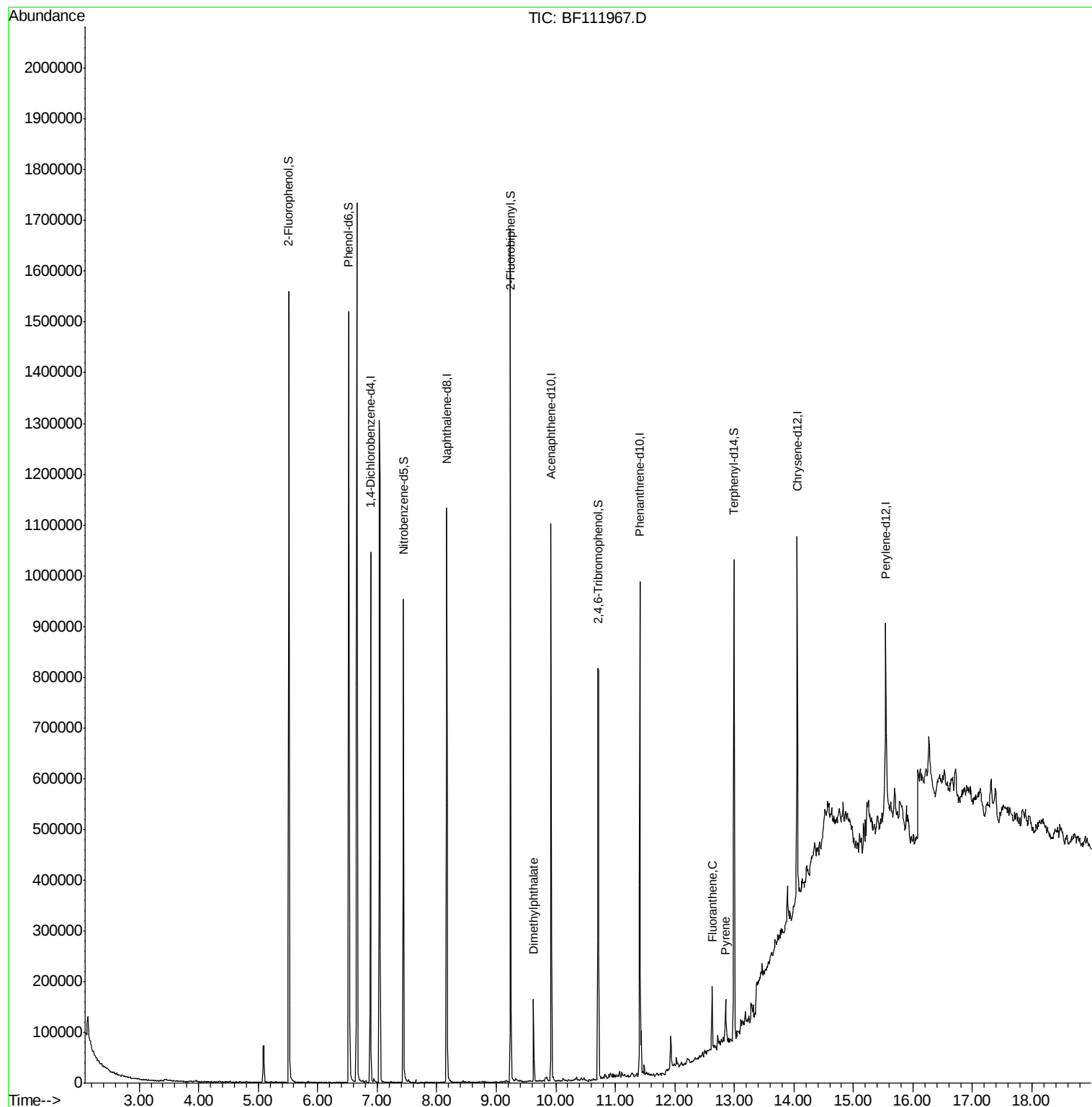
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	141851	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	467548	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	219652	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	357008	20.00	ng	0.00
76) Chrysene-d12	14.06	240	252466	20.00	ng	0.00
87) Perylene-d12	15.54	264	177298	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	389372	46.96	ng	0.00
7) Phenol-d6	6.52	99	463593	43.38	ng	-0.01
23) Nitrobenzene-d5	7.44	82	285389	32.62	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	106369	37.23	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	460892	30.60	ng	-0.01
79) Terphenyl-d14	12.99	244	317742	23.89	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	68911	4.176	ng	99
75) Fluoranthene	12.63	202	48120	2.456	ng	97
78) Pyrene	12.86	202	35808	2.061	ng	95

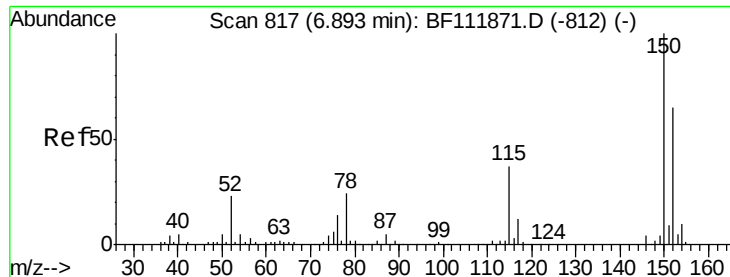
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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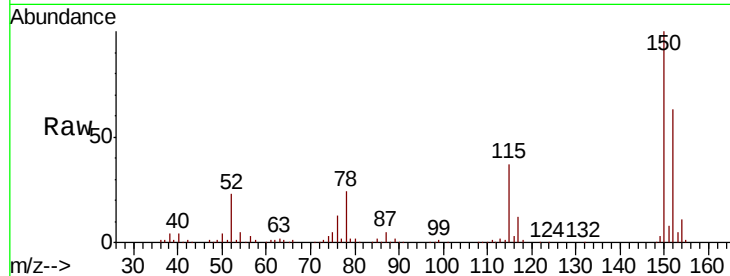


#1

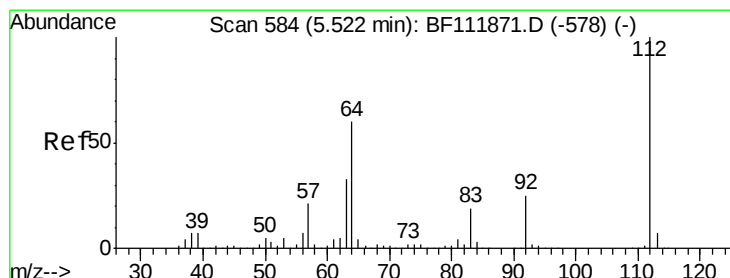
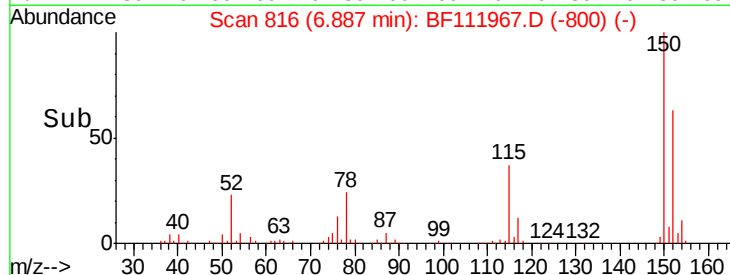
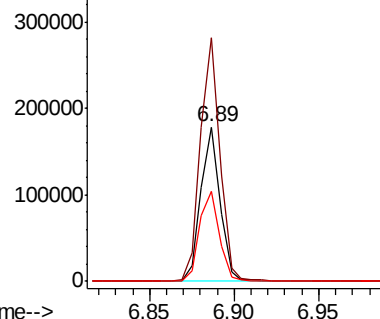
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111967.D
Acq: 9 Jan 2019 23:20

Instrument :
BNA_F
ClientSampleId :
BASIN-6

Tot Ion:152 Resp: 141851
Ion Ratio Lower Upper
152 100
150 157.5 122.7 184.1
115 57.9 45.2 67.8



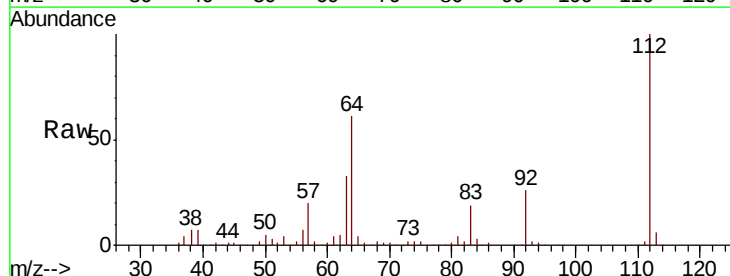
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



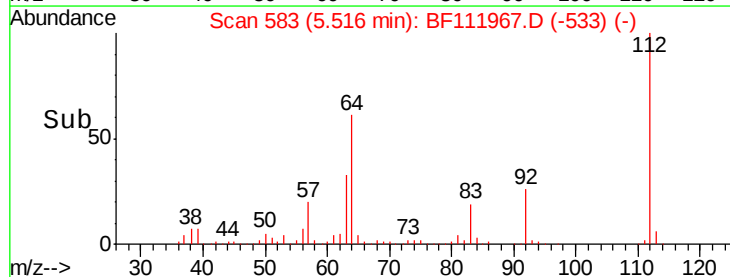
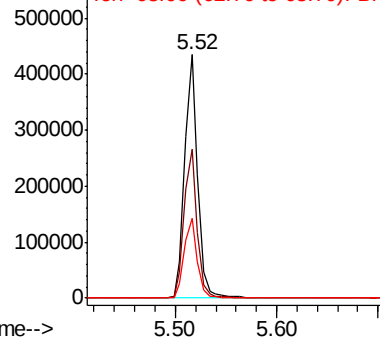
#5

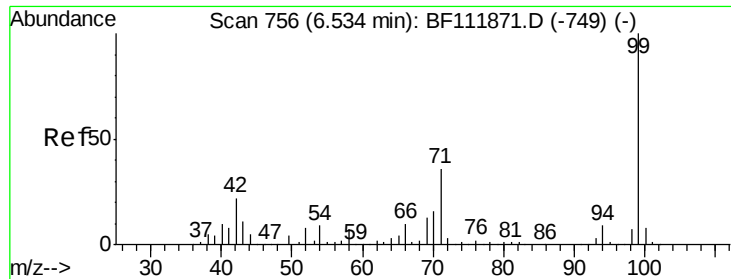
2-Fluorophenol
Concen: 46.961 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111967.D
Acq: 9 Jan 2019 23:20

Tgt Ion:112 Resp: 389372
Ion Ratio Lower Upper
112 100
64 61.4 48.3 72.5
63 32.6 26.1 39.1



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: 43.381 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111967.D

Acq: 9 Jan 2019 23:20

Instrument :

BNA_F

ClientSampleId :

BASIN-6

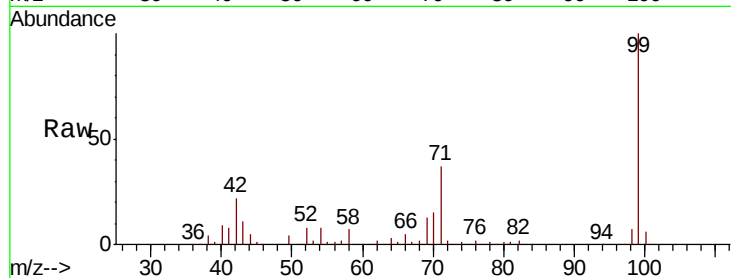
Tot Ion: 99 Resp: 463593

Ion Ratio Lower Upper

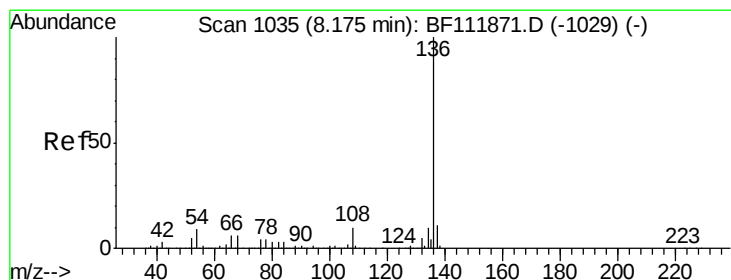
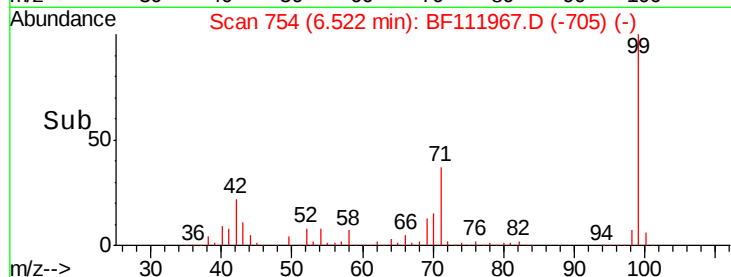
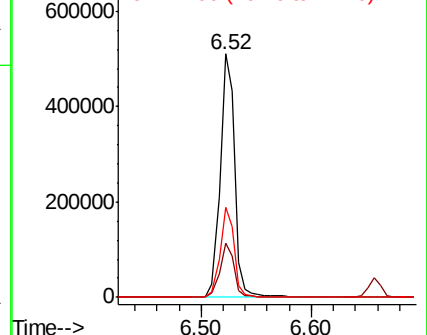
99 100

42 22.1 17.9 26.9

71 37.0 28.7 43.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111967.D

Acq: 9 Jan 2019 23:20

Tgt Ion: 136 Resp: 467548

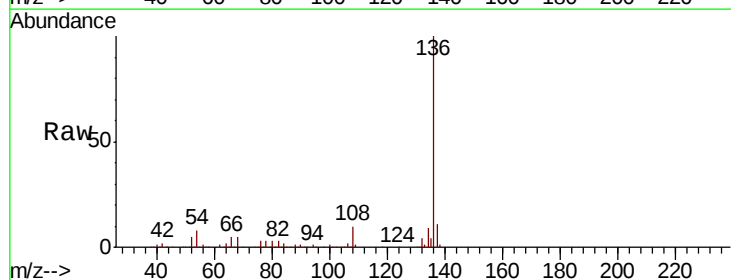
Ion Ratio Lower Upper

136 100

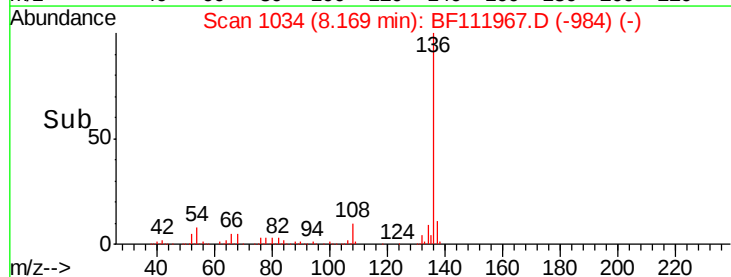
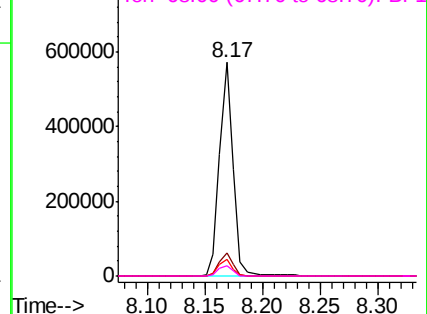
137 10.9 9.1 13.7

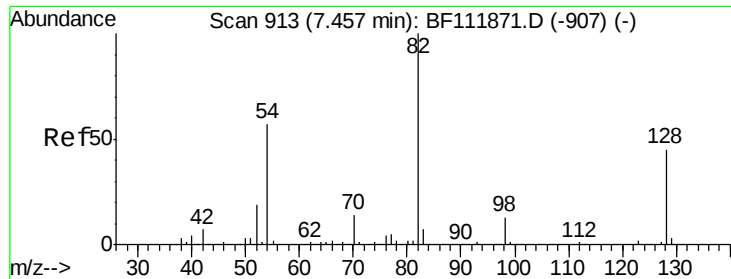
54 7.6 7.2 10.8

68 4.6 4.4 6.6



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

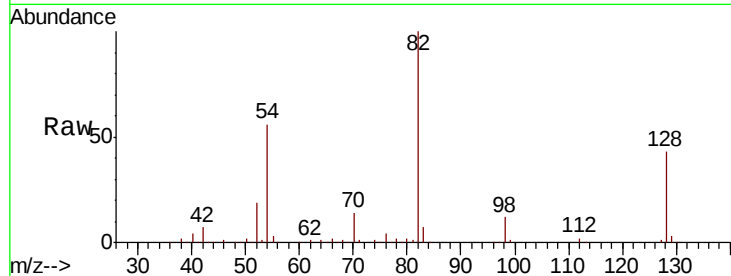




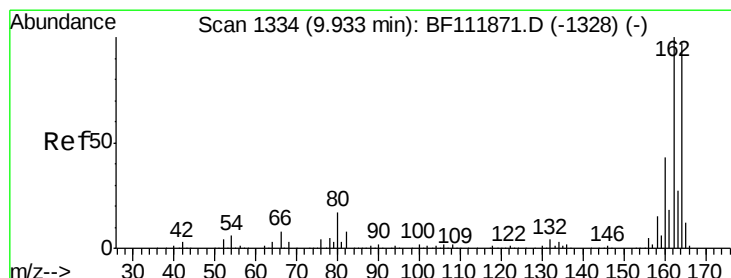
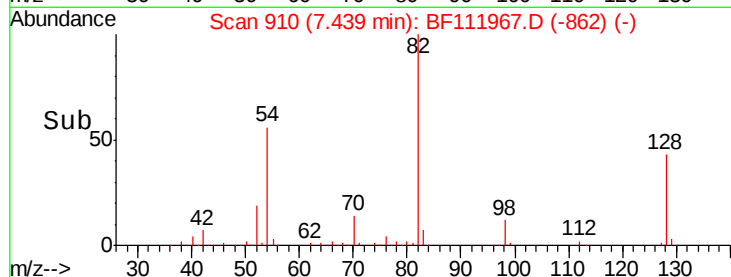
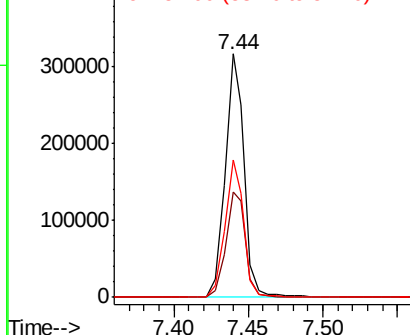
#23
 Nitrobenzene-d5
 Concen: 32.623 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.02 min
 Lab File: BF111967.D
 Acq: 9 Jan 2019 23:20

Instrument :
 BNA_F
 ClientSampleId :
 BASIN-6

Tot Ion: 82 Resp: 285389
 Ion Ratio Lower Upper
 82 100
 128 43.3 35.7 53.5
 54 56.4 45.8 68.8

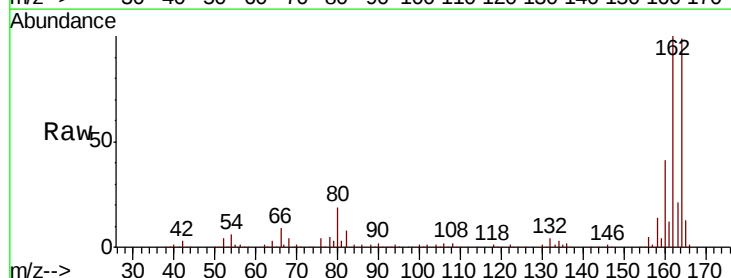


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

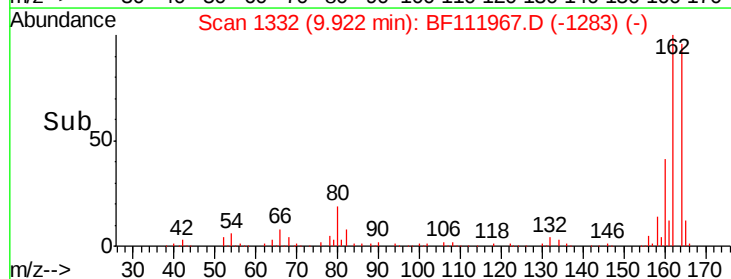
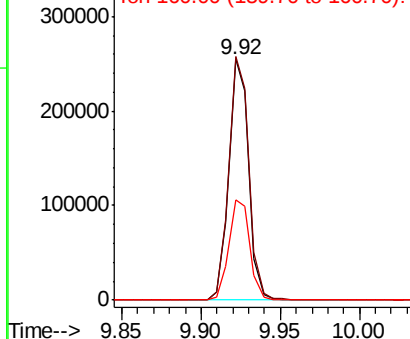


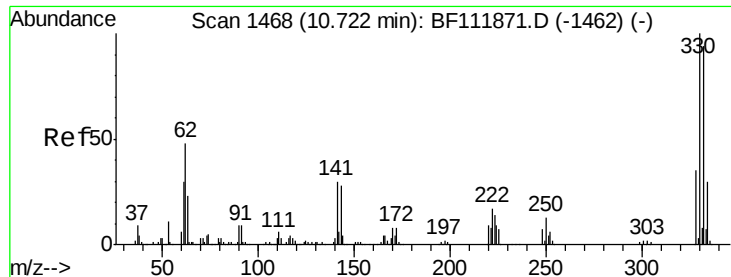
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF111967.D
 Acq: 9 Jan 2019 23:20

Tgt Ion: 164 Resp: 219652
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.2 123.2
 160 41.7 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

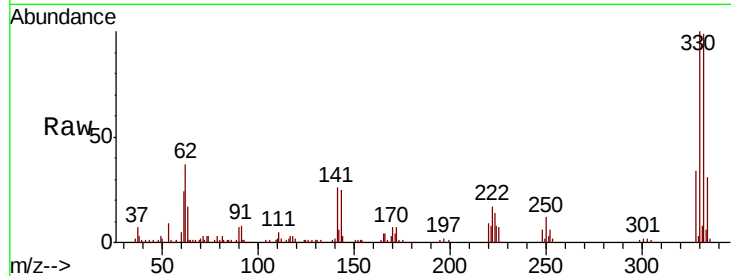




#42
 2,4,6-Tribromophenol
 Concen: 37.231 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111967.D
 Acq: 9 Jan 2019 23:20

Instrument :
 BNA_F
 ClientSampleId :
 BASIN-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.9	115.3
141	31.0	23.7	35.5

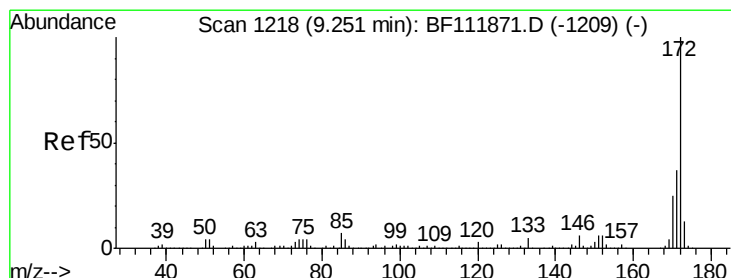
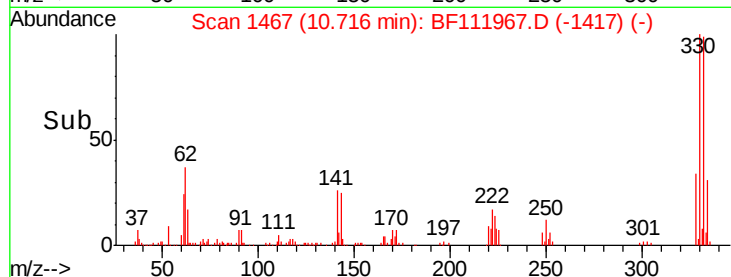
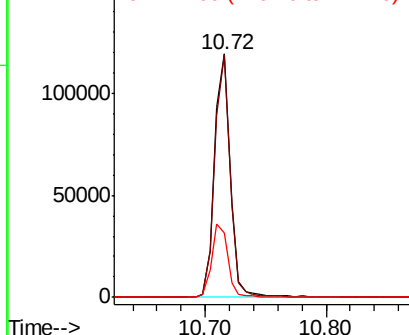


Abundance

Ion 329.80 (329.50 to 330.50): E

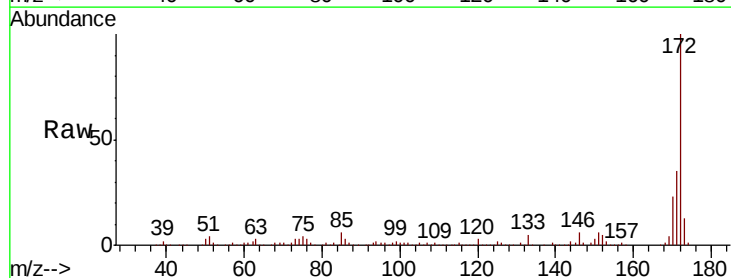
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 30.597 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF111967.D
 Acq: 9 Jan 2019 23:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.6	44.4
170	23.3	19.8	29.8

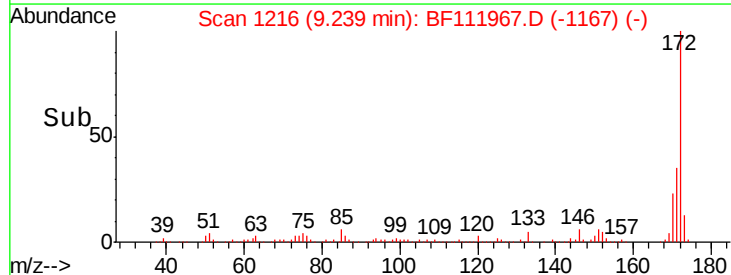
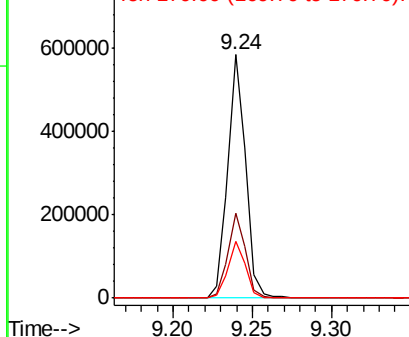


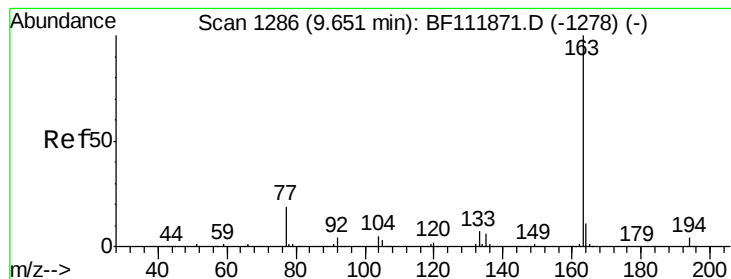
Abundance

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: 4.176 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF111967.D

Acq: 9 Jan 2019 23:20

Instrument :

BNA_F

ClientSampleId :

BASIN-6

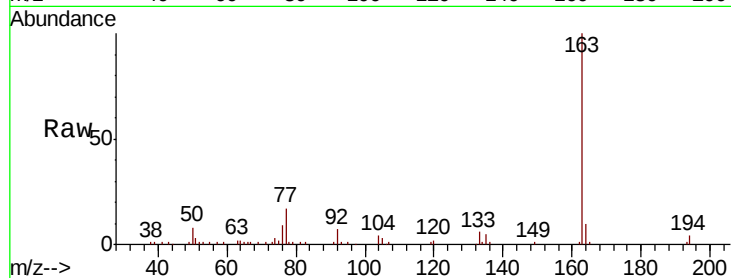
Tot Ion:163 Resp: 68911

Ion Ratio Lower Upper

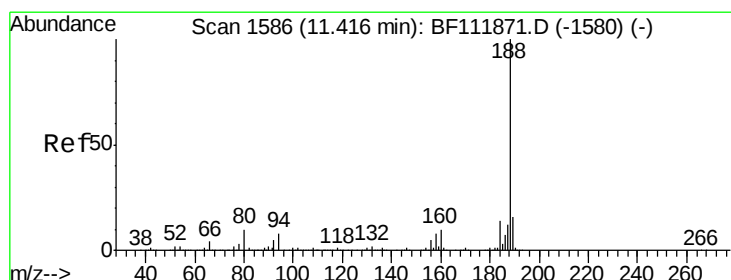
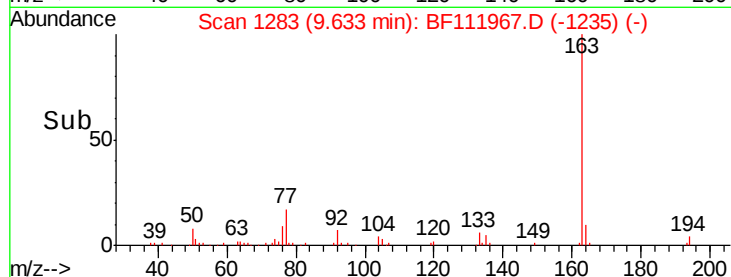
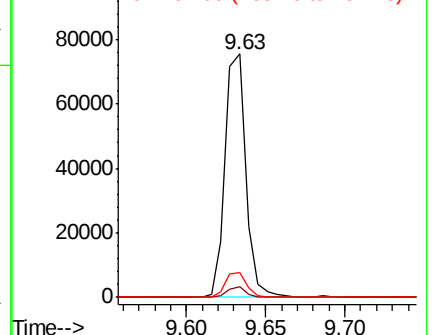
163 100

194 4.3 3.4 5.2

164 10.0 8.5 12.7



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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111967.D

Acq: 9 Jan 2019 23:20

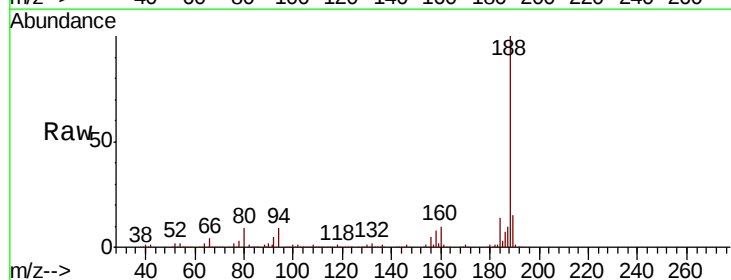
Tgt Ion:188 Resp: 357008

Ion Ratio Lower Upper

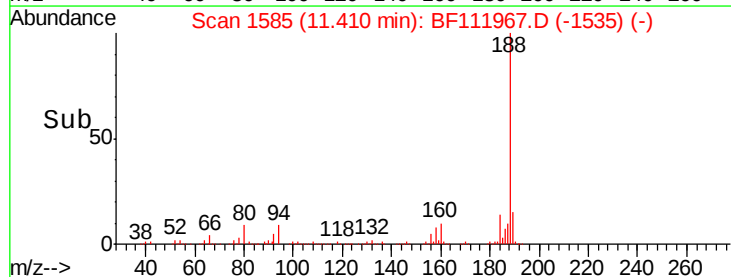
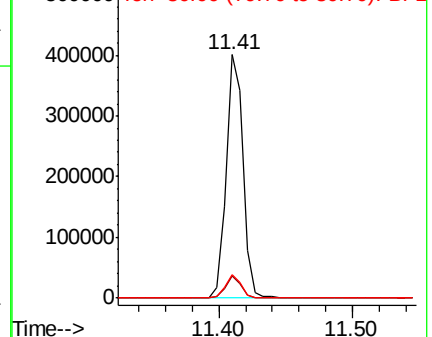
188 100

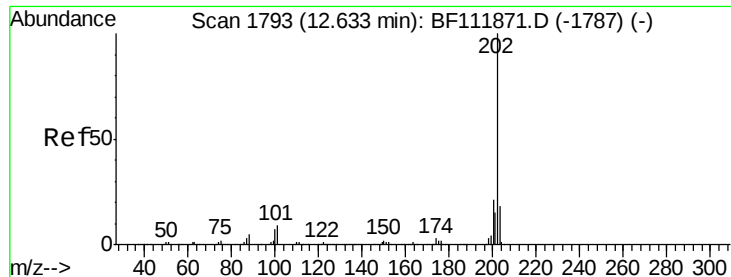
94 9.0 6.6 10.0

80 9.5 7.7 11.5



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: 2.456 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF111967.D

Acq: 9 Jan 2019 23:20

Instrument :

BNA_F

ClientSampleId :

BASIN-6

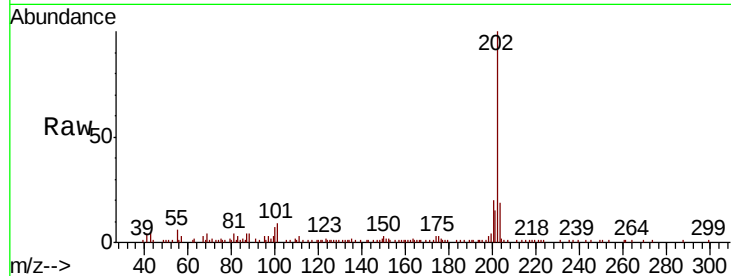
Tot Ion:202 Resp: 48120

Ion Ratio Lower Upper

202 100

101 9.0 0.0 29.3

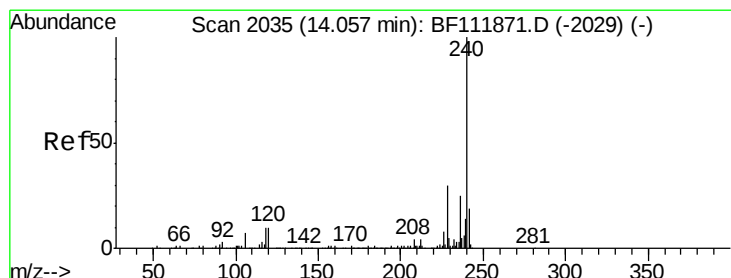
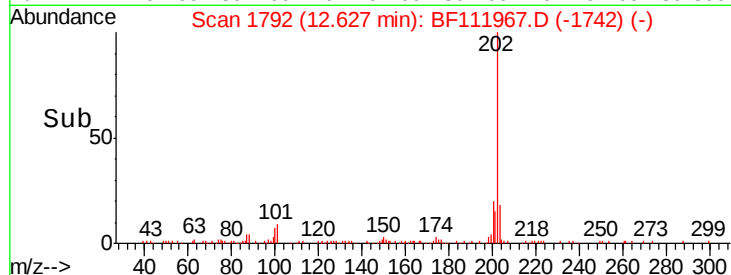
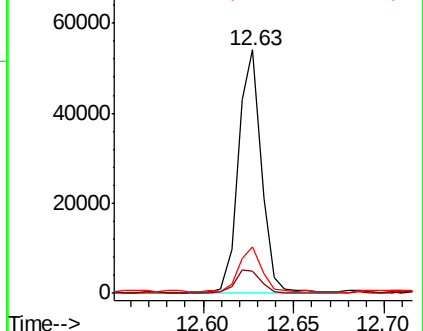
203 19.1 0.0 37.6



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: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF111967.D

Acq: 9 Jan 2019 23:20

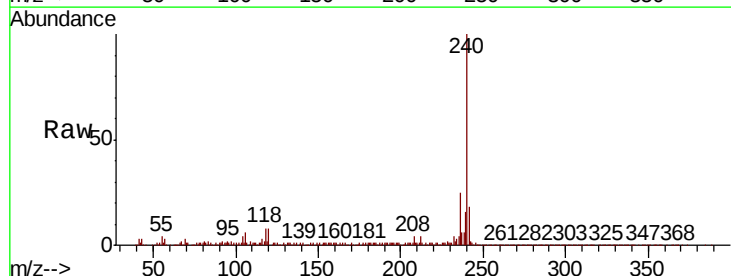
Tgt Ion:240 Resp: 252466

Ion Ratio Lower Upper

240 100

120 8.2 8.2 12.2

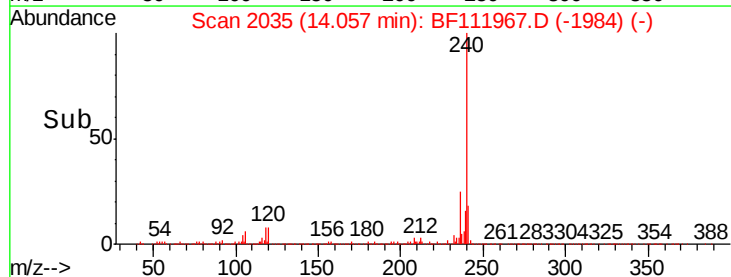
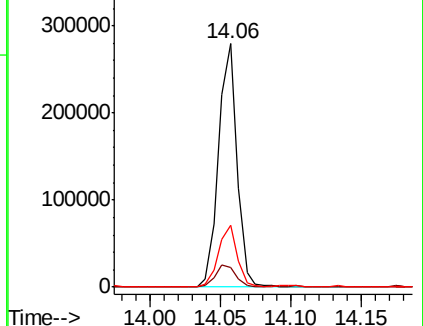
236 25.2 20.2 30.4

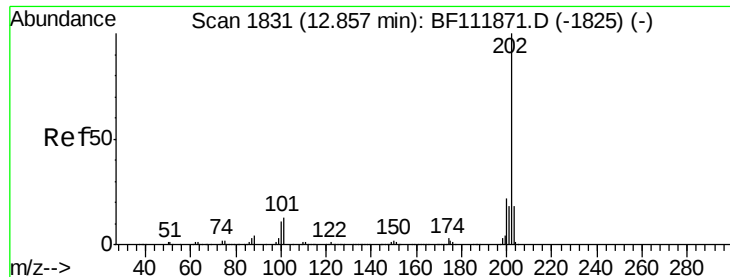


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.061 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF111967.D

Acq: 9 Jan 2019 23:20

Instrument :

BNA_F

ClientSampled :

BASIN-6

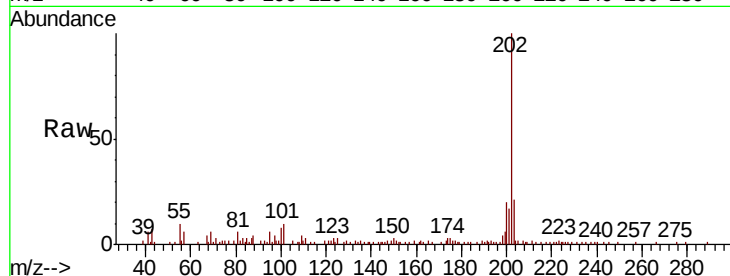
Tot Ion:202 Resp: 35808

Ion Ratio Lower Upper

202 100

200 19.8 17.4 26.2

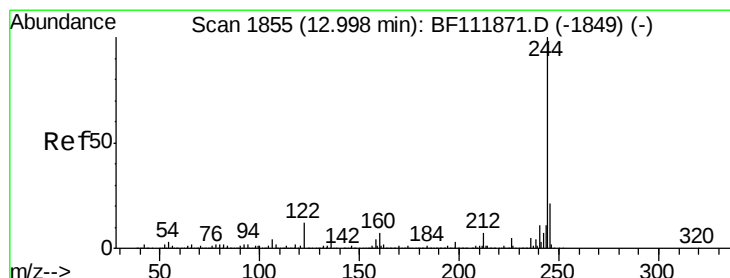
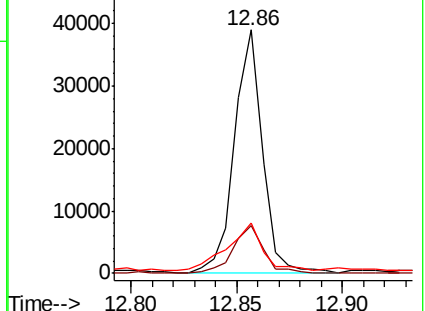
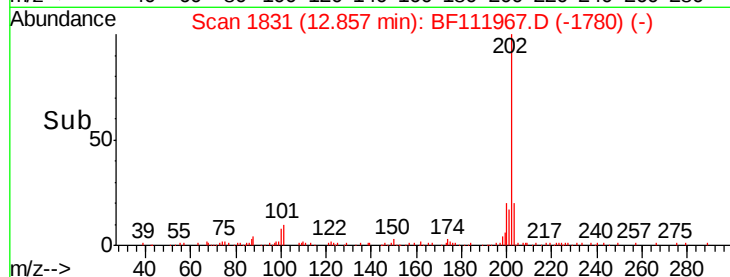
203 20.9 14.6 21.8



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: 23.890 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111967.D

Acq: 9 Jan 2019 23:20

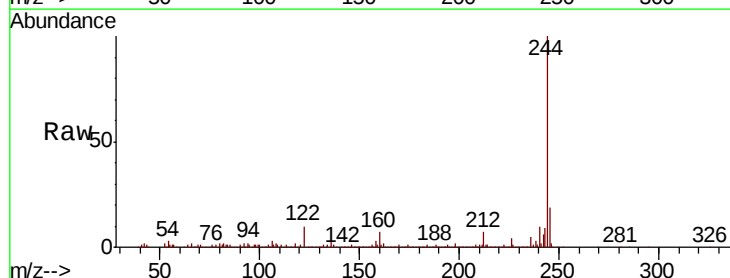
Tgt Ion:244 Resp: 317742

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

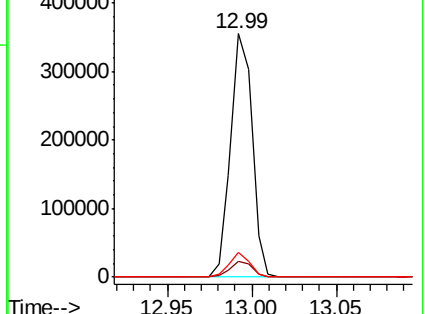
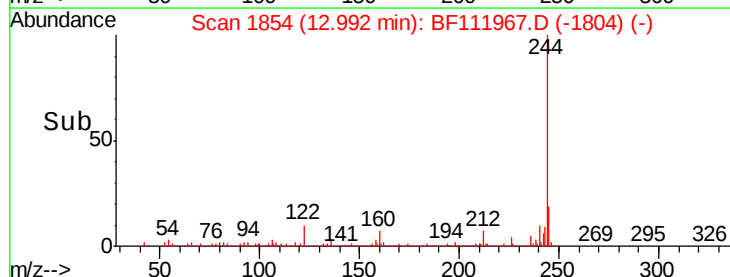
122 10.0 9.5 14.3

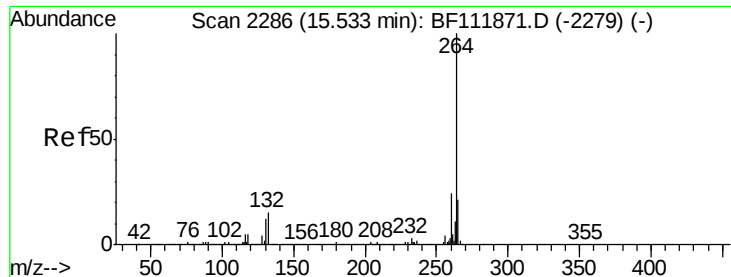


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

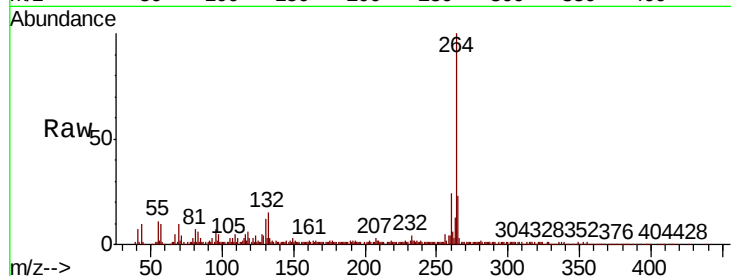




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.01 min
 Lab File: BF111967.D
 Acq: 9 Jan 2019 23:20

Instrument :
 BNA_F
 ClientSampleId :
 BASIN-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.9	17.1	25.7



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

