

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118102.D
 Acq On : 4 Dec 2019 22:38
 Operator : JU
 Sample : K6098-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C8-GW

Quant Time: Dec 05 03:06:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

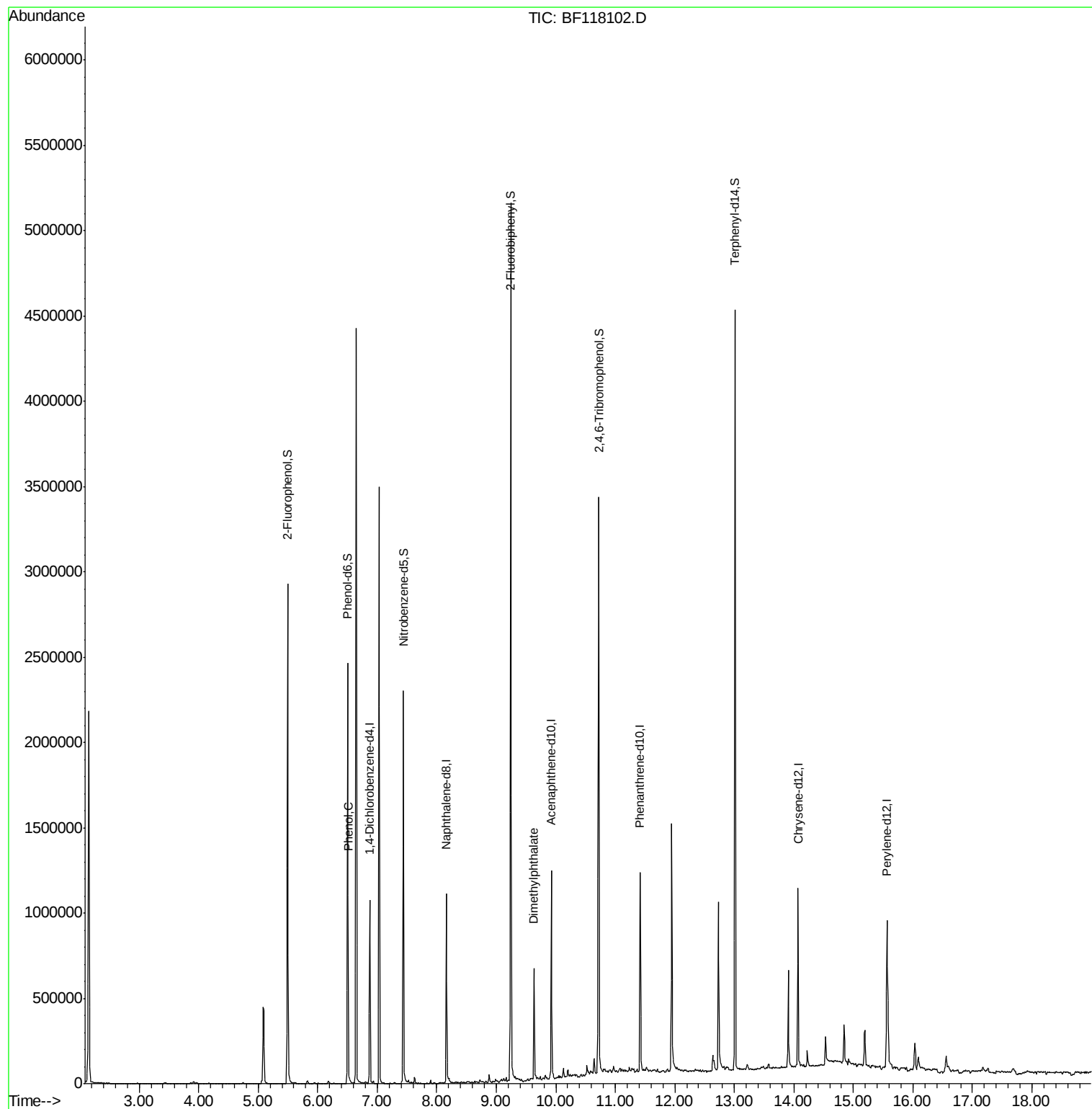
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	160892	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	511413	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	260956	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	469732	20.00	ng	0.00
76) Chrysene-d12	14.07	240	326575	20.00	ng	0.00
87) Perylene-d12	15.57	264	405205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	890636	97.99	ng	0.01
7) Phenol-d6	6.50	99	793990	72.42	ng	0.00
23) Nitrobenzene-d5	7.44	82	803113	93.35	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	449353	162.65	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1592777	109.50	ng	0.00
79) Terphenyl-d14	13.02	244	1731367	96.89	ng	0.00
Target Compounds						
10) Phenol	6.52	94	29597	2.598	ng	99
50) Dimethylphthalate	9.63	163	285294	15.590	ng	99

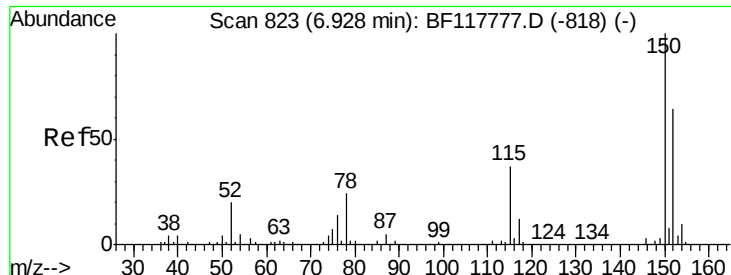
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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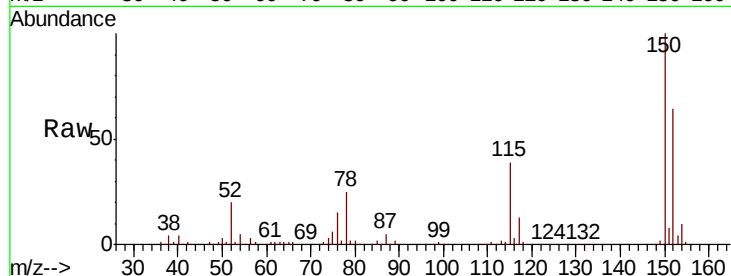


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF118102.D
 Acq: 4 Dec 2019 22:38

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C8-GW

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	121.4	182.2
115	61.9	48.8	73.2

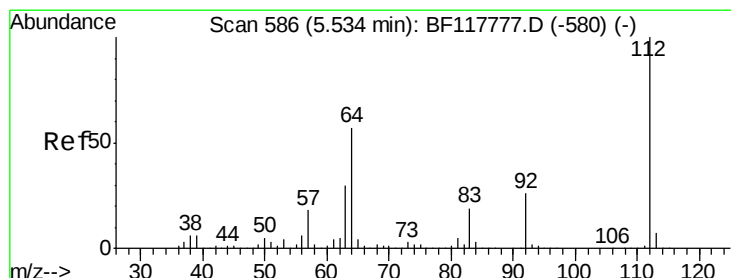
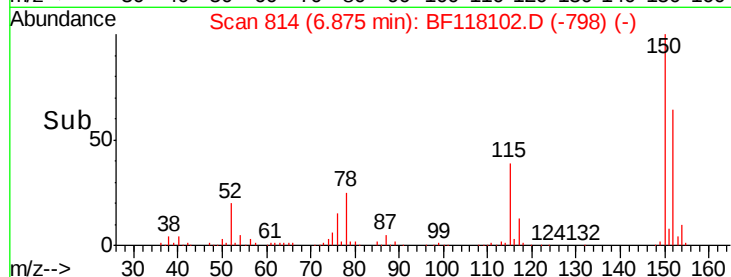
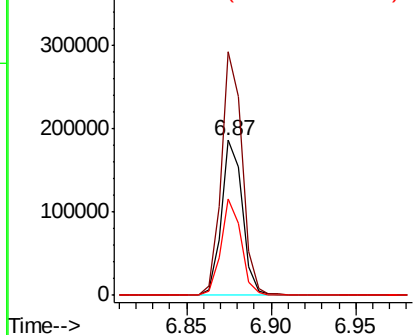


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

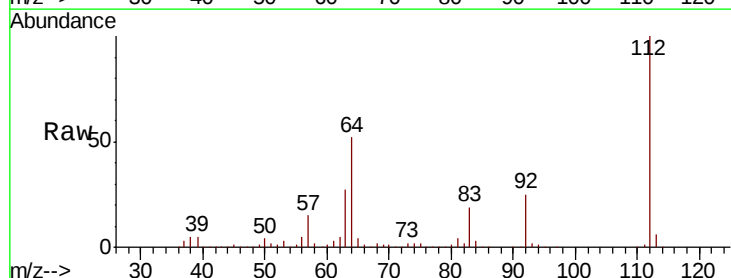
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 97.986 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF118102.D
 Acq: 4 Dec 2019 22:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	45.1	67.7
63	27.1	24.6	37.0

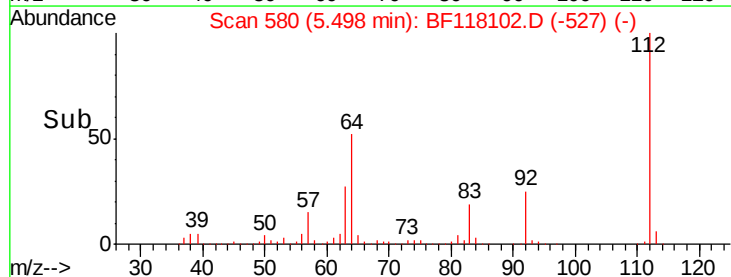
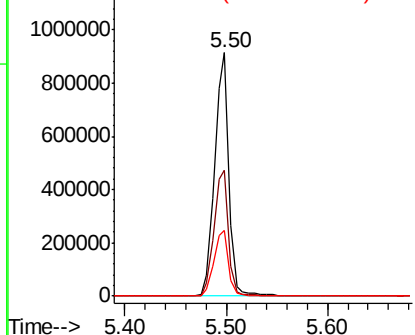


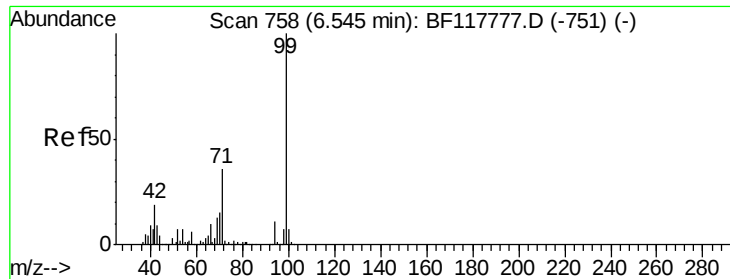
Abundance

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: 72.423 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118102.D

Acq: 4 Dec 2019 22:38

Instrument :

BNA_F

ClientSampleId :

OWL-C8-GW

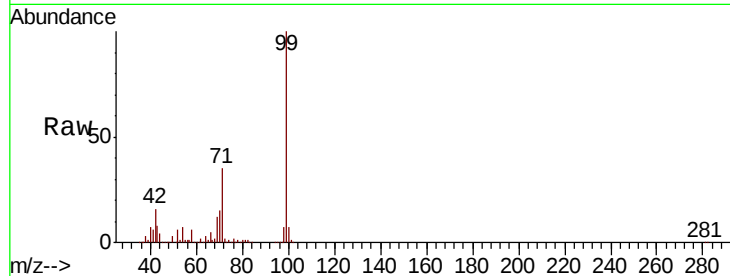
Tot Ion: 99 Resp: 793990

Ion Ratio Lower Upper

99 100

42 16.4 14.0 21.0

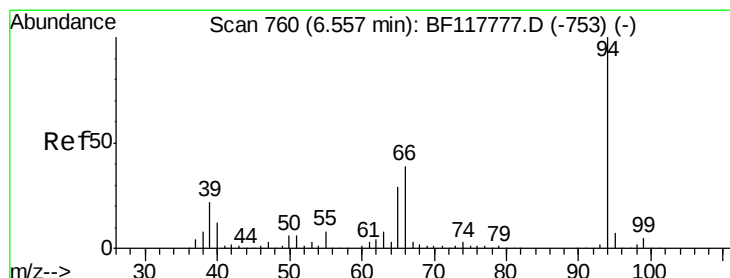
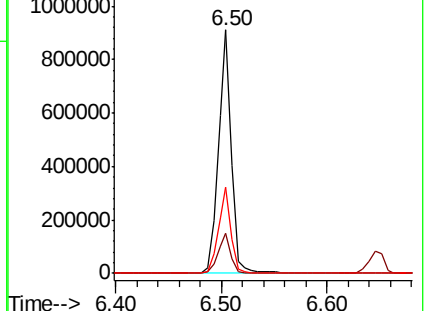
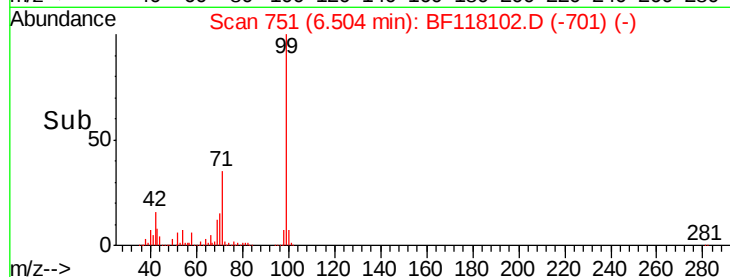
71 35.2 29.2 43.8



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: 2.598 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118102.D

Acq: 4 Dec 2019 22:38

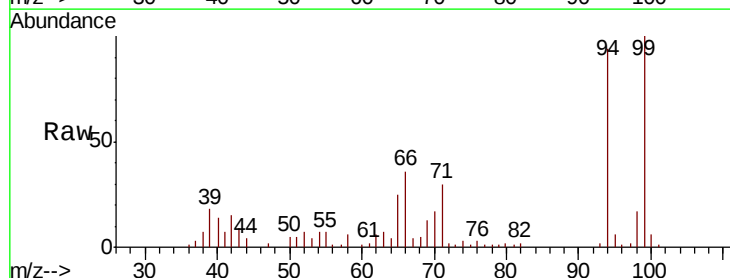
Tgt Ion: 94 Resp: 29597

Ion Ratio Lower Upper

94 100

65 26.1 6.9 46.9

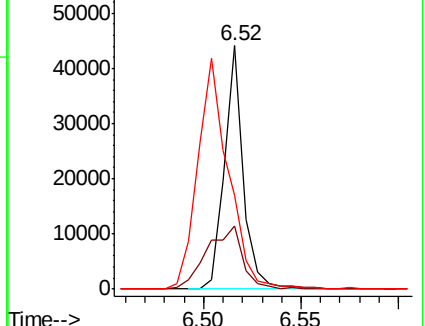
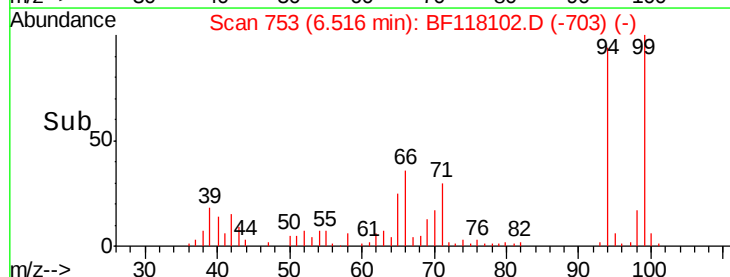
66 38.7 18.6 58.6

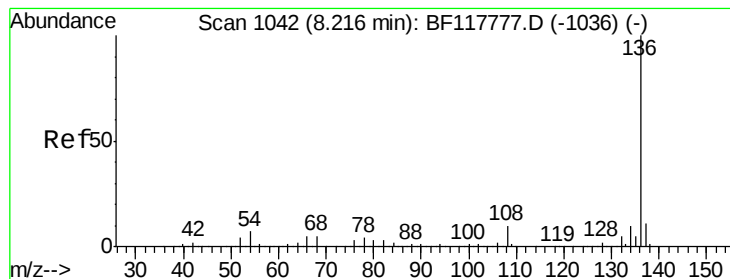


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118102.D

Acq: 4 Dec 2019 22:38

Instrument :

BNA_F

ClientSampleId :

OWL-C8-GW

Tot Ion:136 Resp: 511413

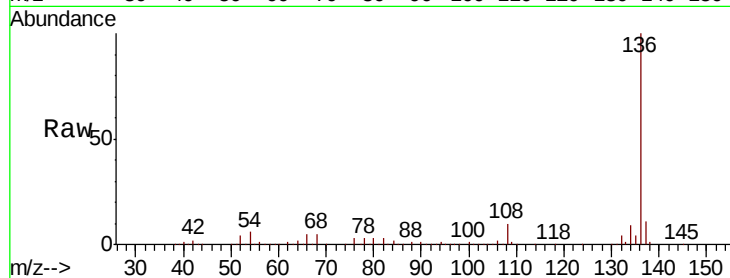
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.1 4.9 7.3

68 4.5 3.6 5.4

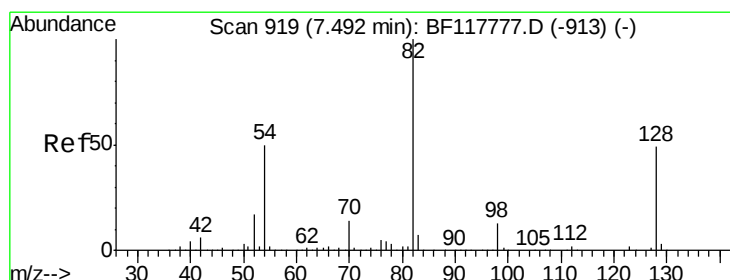
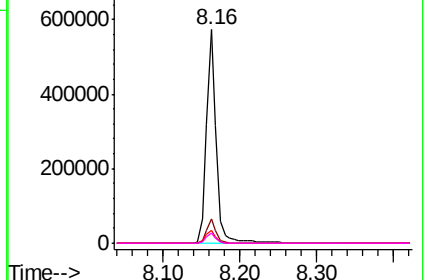
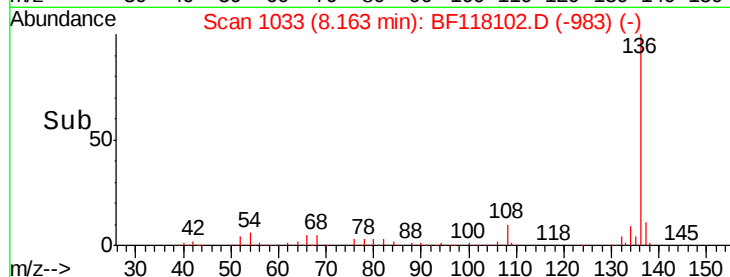


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.353 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118102.D

Acq: 4 Dec 2019 22:38

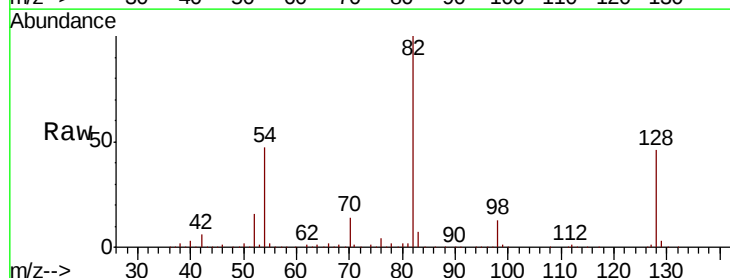
Tgt Ion: 82 Resp: 803113

Ion Ratio Lower Upper

82 100

128 45.8 38.2 57.4

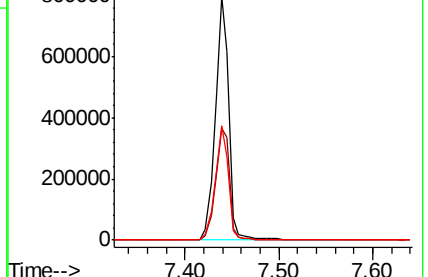
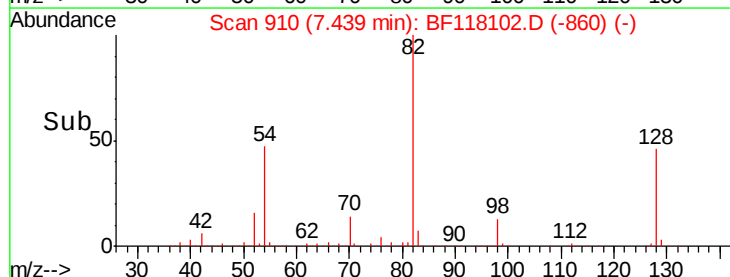
54 47.0 39.0 58.4

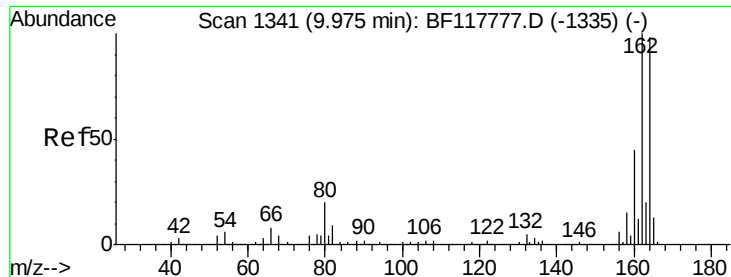


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

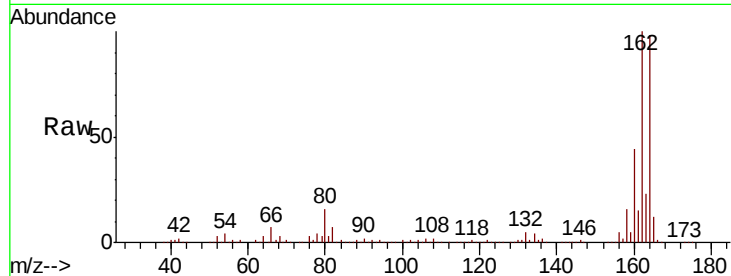




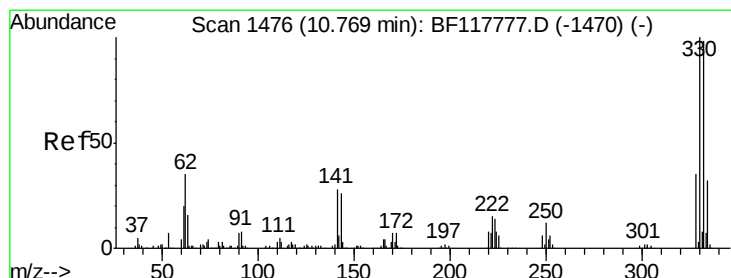
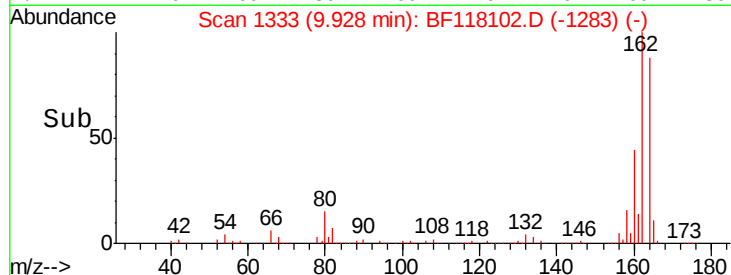
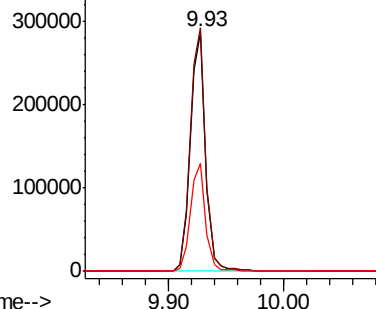
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Instrument :
BNA_F
ClientSampleId :
OWL-C8-GW

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.8	122.8
160	45.2	35.9	53.9

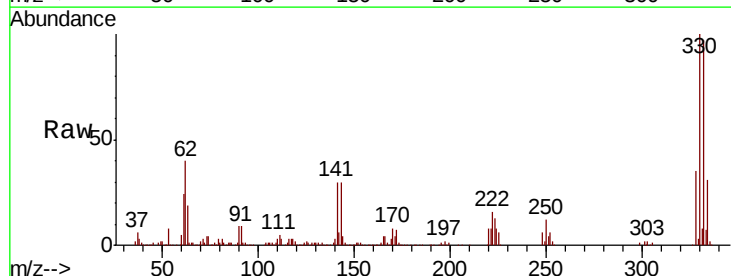


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

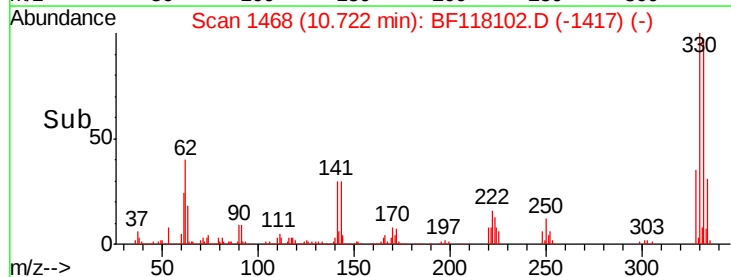
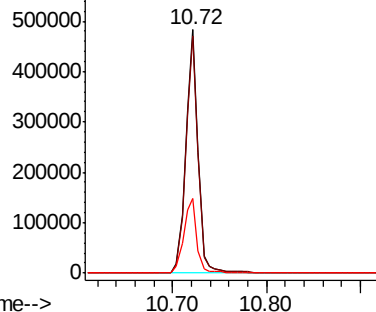


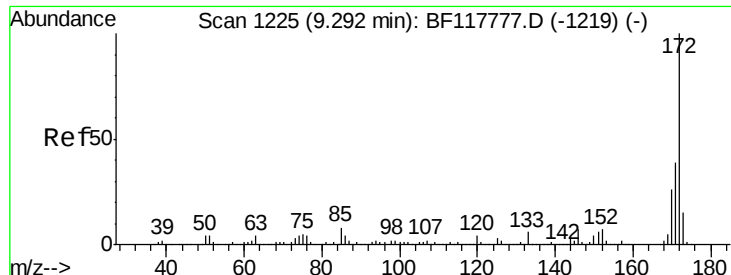
#42
2,4,6-Tribromophenol
Concen: 162.649 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.3	117.5
141	32.5	26.4	39.6



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



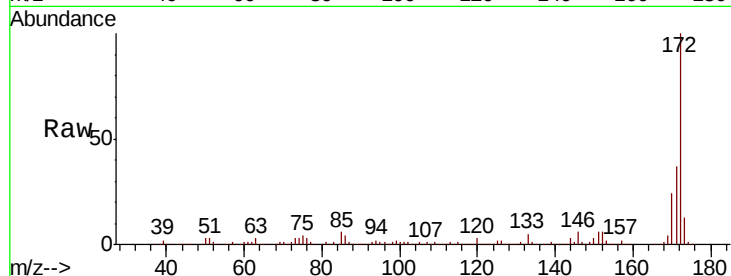


#45
 2-Fluorobiphenyl
 Concen: 109.501 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF118102.D
 Acq: 4 Dec 2019 22:38

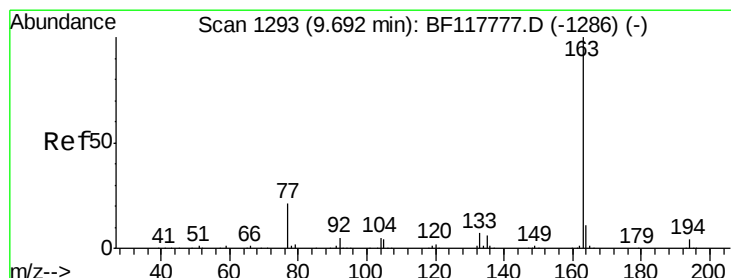
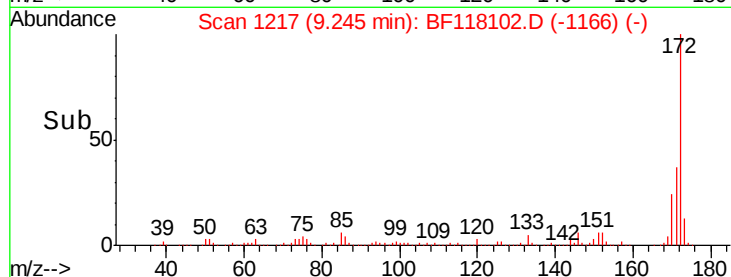
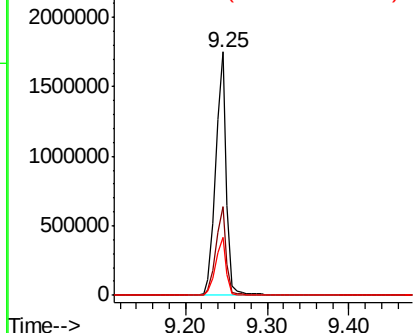
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C8-GW

Tot Ion:172 Resp: 1592777

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	24.0	19.3	28.9



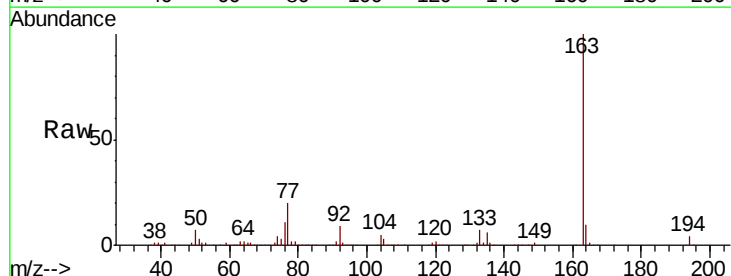
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



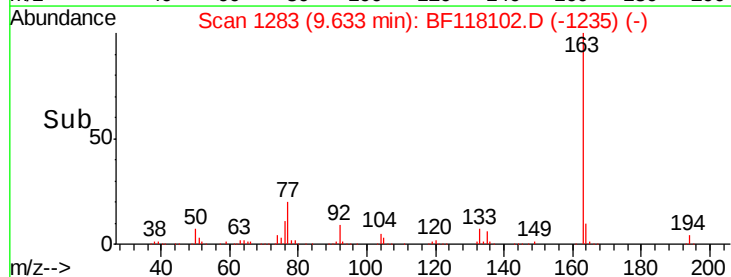
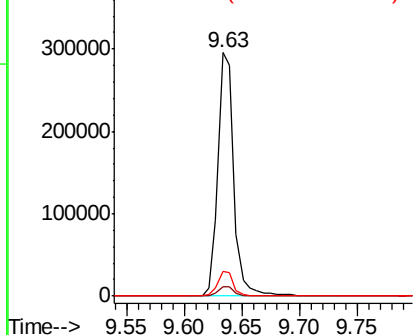
#50
 Dimethylphthalate
 Concen: 15.590 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.02 min
 Lab File: BF118102.D
 Acq: 4 Dec 2019 22:38

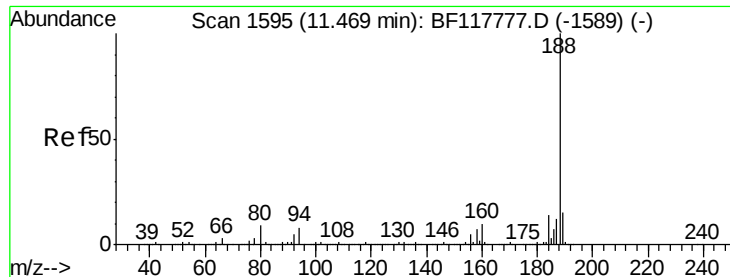
Tgt Ion:163 Resp: 285294

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.1	7.9	11.9



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: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF118102.D

Acq: 4 Dec 2019 22:38

Instrument :

BNA_F

ClientSampleId :

OWL-C8-GW

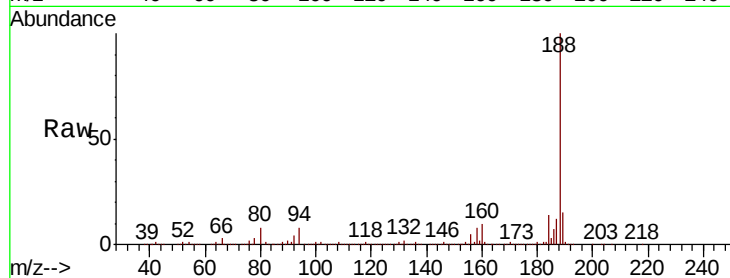
Tot Ion:188 Resp: 469732

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

80 7.8 7.2 10.8



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

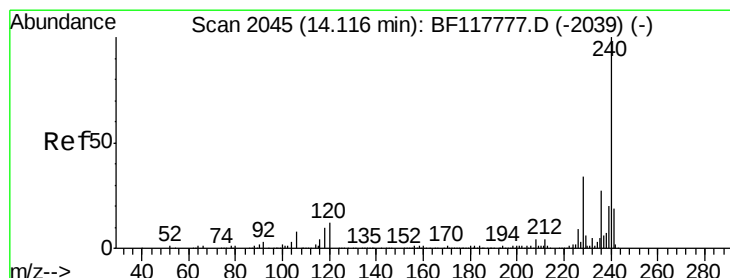
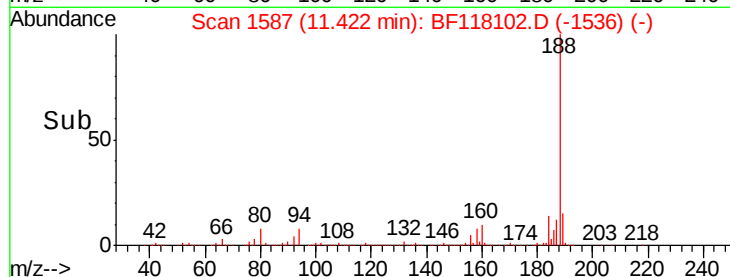
11.42

400000

200000

0

Time--> 11.35 11.40 11.45



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF118102.D

Acq: 4 Dec 2019 22:38

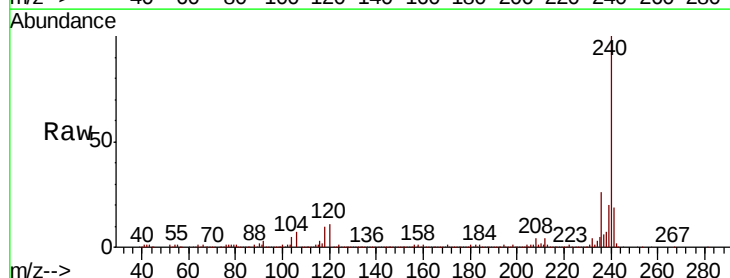
Tgt Ion:240 Resp: 326575

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

236 26.1 20.6 31.0



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

14.07

500000

400000

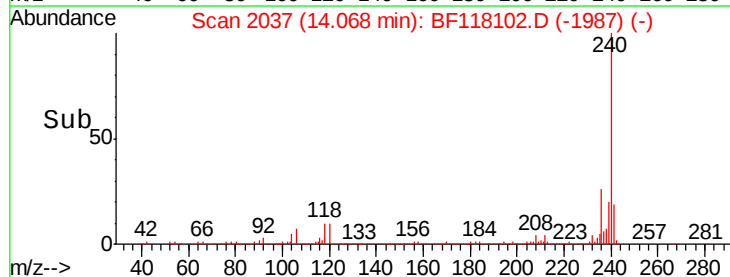
300000

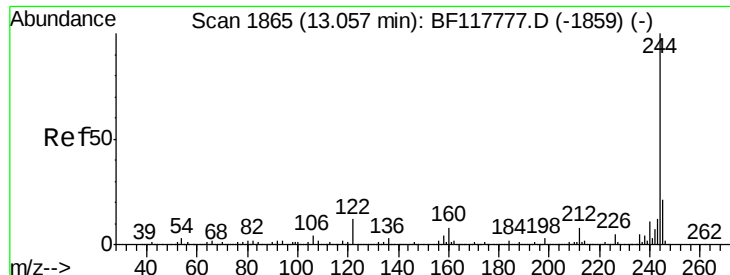
200000

100000

0

Time--> 14.00 14.10





#79

Terphenyl-d14

Concen: 96.892 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BF118102.D

Acq: 4 Dec 2019 22:38

Instrument :

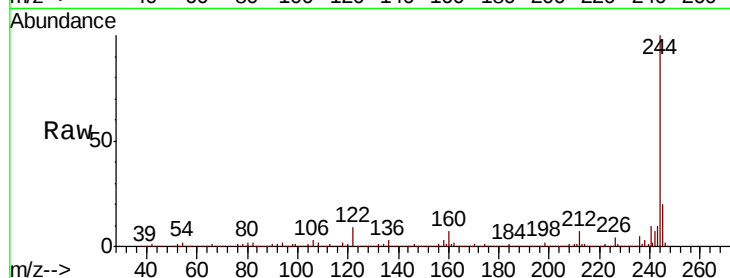
BNA_F

ClientSampleId :

OWL-C8-GW

Tot Ion:244 Resp: 1731367

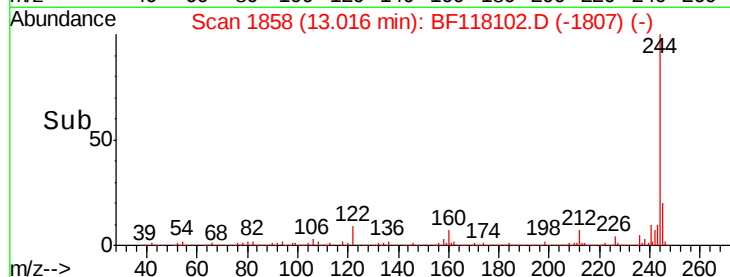
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	9.3	7.2	10.8



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



13.02

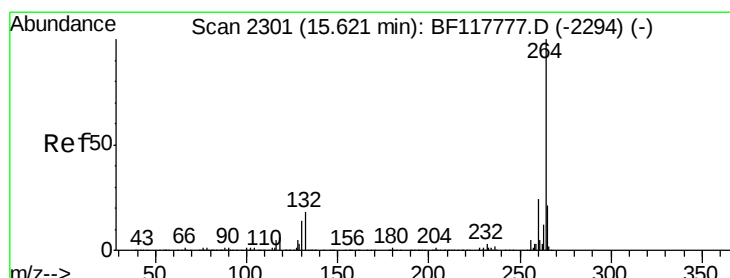
1500000

1000000

500000

0

Time--> 12.90 13.00 13.10



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

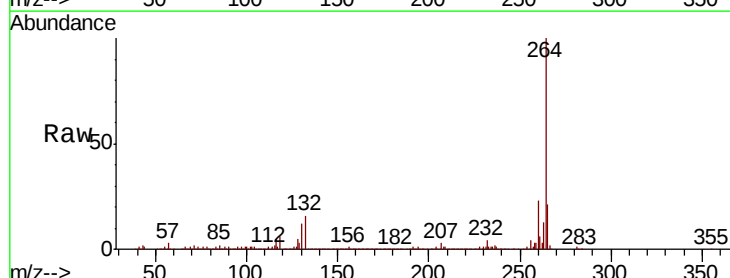
Delta R.T. -0.00 min

Lab File: BF118102.D

Acq: 4 Dec 2019 22:38

Tgt Ion:264 Resp: 405205

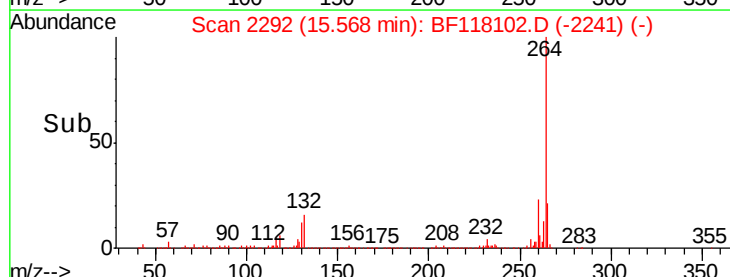
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.4	16.4	24.6



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



15.57

400000

300000

200000

100000

0

Time--> 15.50 15.60 15.70