

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111369.D
 Acq On : 13 Dec 2018 14:29
 Operator : JU/SJ
 Sample : J6334-10DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 13 16:16:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

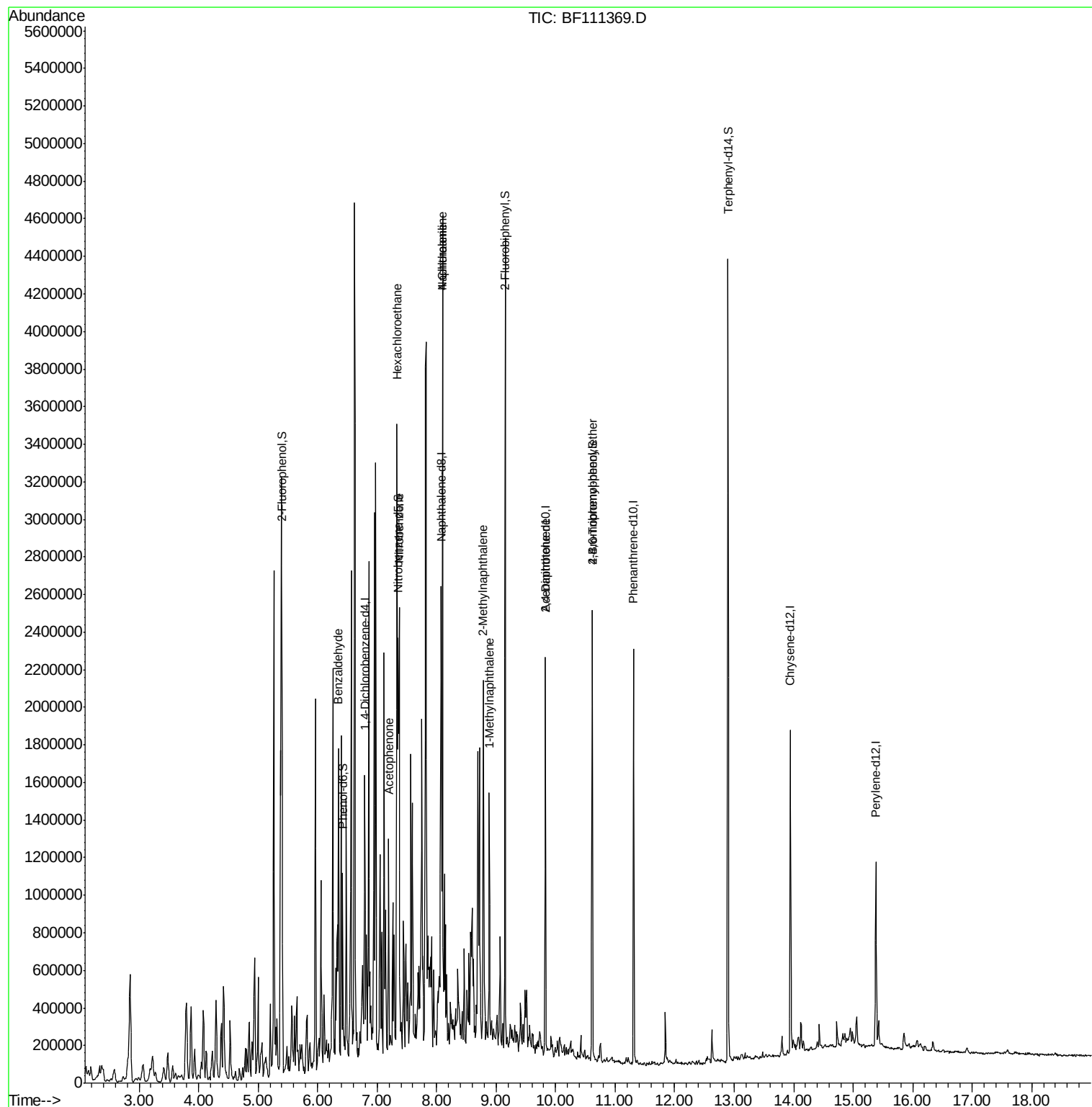
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	177923	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	733656	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	393466	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	751040	20.00	ng	0.00
76) Chrysene-d12	13.94	240	576769	20.00	ng	-0.01
87) Perylene-d12	15.39	264	454121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	343311	32.63	ng	0.00
7) Phenol-d6	6.42	99	299029	21.08	ng	-0.01
23) Nitrobenzene-d5	7.35	82	608405	46.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	252133	72.69	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1180344	48.16	ng	0.00
79) Terphenyl-d14	12.90	244	1377863	52.58	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	58668	5.366	ng	# 1
18) Hexachloroethane	7.33	117	209670	39.849	ng	# 1
22) Acetophenone	7.19	105	216650	12.713	ng	# 46
24) Nitrobenzene	7.37	77	40351	3.010	ng	# 1
31) Naphthalene	8.10	128	1536041	44.938	ng	98
33) 4-Chloroaniline	8.10	127	188617	12.921	ng	# 33
37) 2-Methylnaphthalene	8.79	142	503908	22.805	ng	100
38) 1-Methylnaphthalene	8.89	142	302843	14.201	ng	97
57) 2,4-Dinitrotoluene	9.83	165	53282	6.629	ng	# 26
67) 4-Bromophenyl-phenylether	10.62	248	16808	2.010	ng	# 1

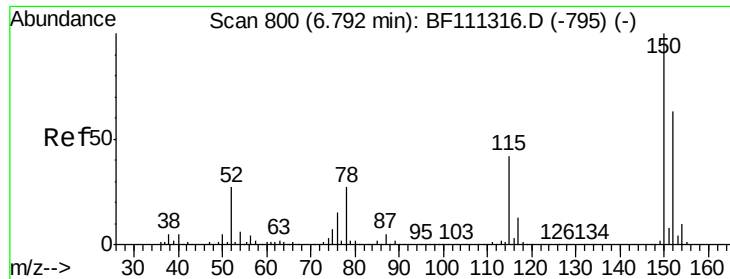
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111369.D
Acq On : 13 Dec 2018 14:29
Operator : JU/SJ
Sample : J6334-10DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 13 16:16:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF111369.D

Acq: 13 Dec 2018 14:29

Instrument :

BNA_G

ClientSampleId :

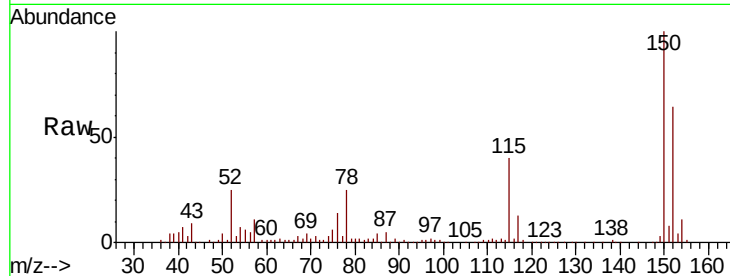
Tot Ion:152 Resp: 177923

Ion Ratio Lower Upper

152 100

150 157.2 126.6 189.8

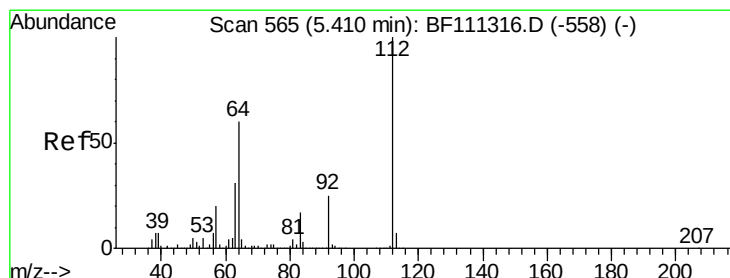
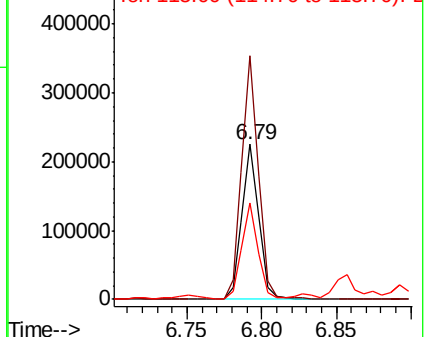
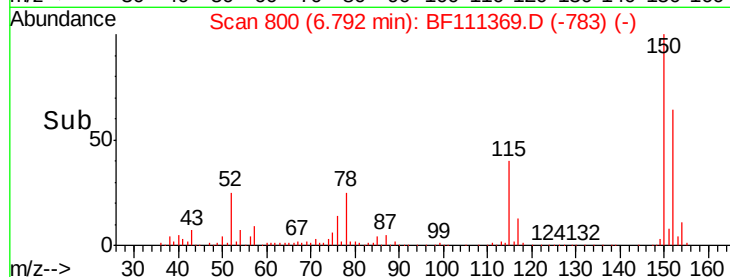
115 62.5 50.7 76.1



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: 32.629 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF111369.D

Acq: 13 Dec 2018 14:29

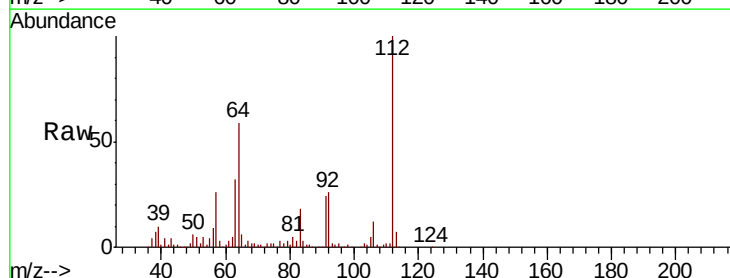
Tgt Ion:112 Resp: 343311

Ion Ratio Lower Upper

112 100

64 58.9 51.8 77.6

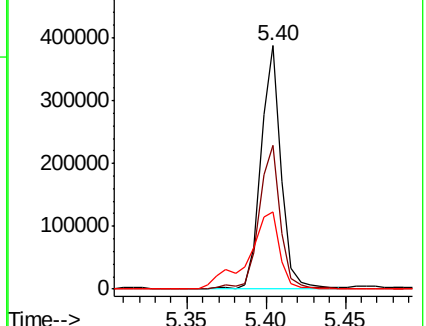
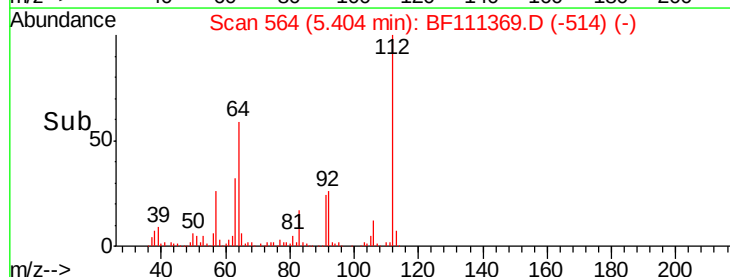
63 31.7 26.8 40.2

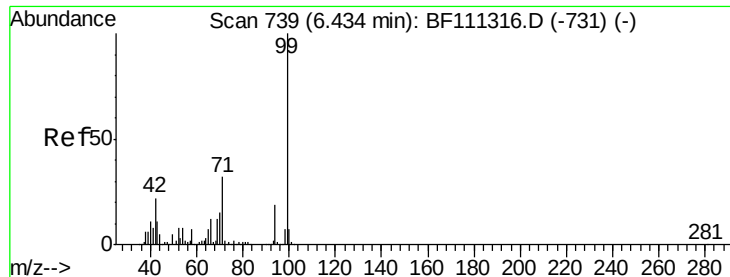


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 21.079 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111369.D

Acq: 13 Dec 2018 14:29

Instrument :

BNA_G

ClientSampleId :

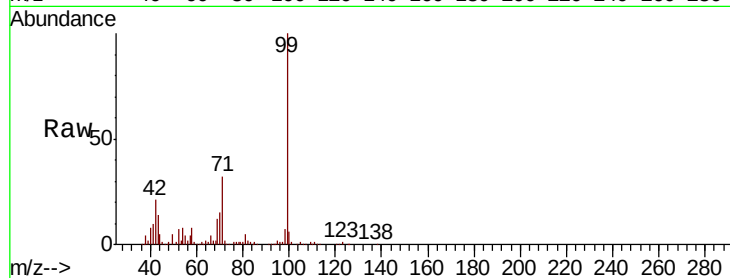
Tot Ion: 99 Resp: 299029

Ion Ratio Lower Upper

99 100

42 20.8 17.4 26.0

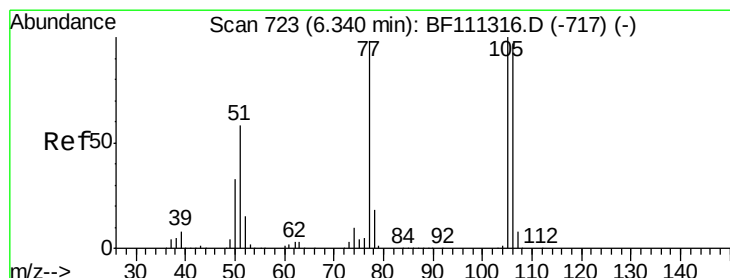
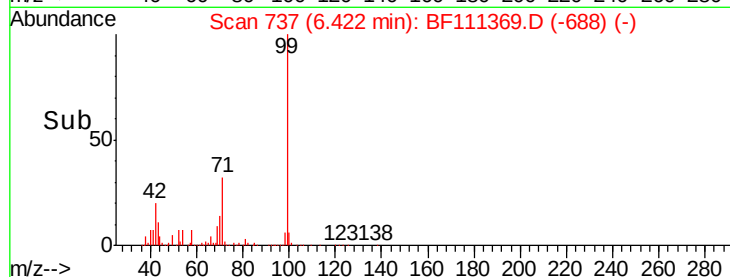
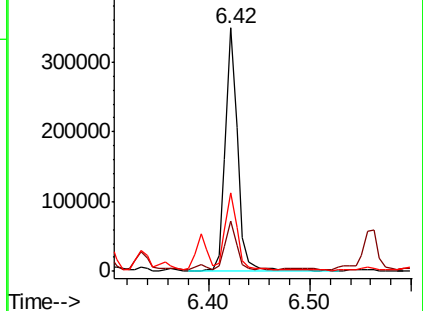
71 32.5 26.1 39.1



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



#9

Benzaldehyde

Concen: 5.366 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF111369.D

Acq: 13 Dec 2018 14:29

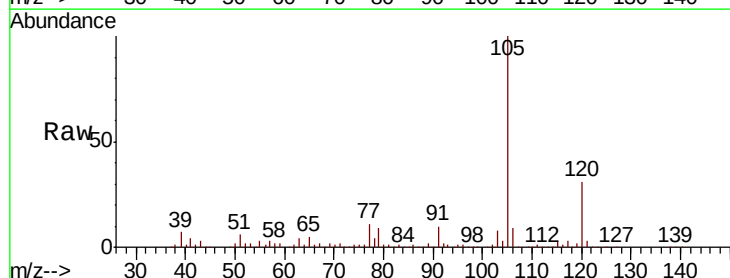
Tgt Ion: 77 Resp: 58668

Ion Ratio Lower Upper

77 100

105 890.3 81.4 121.4#

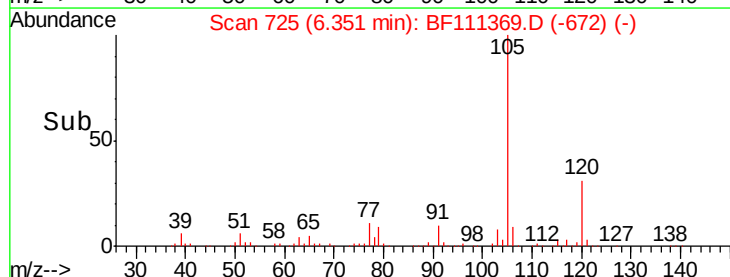
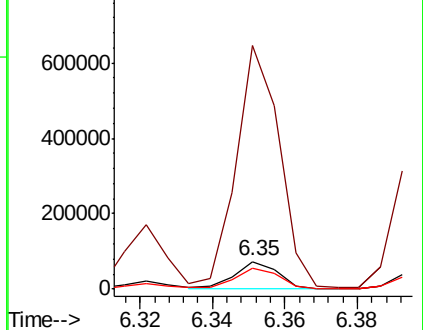
106 77.6 77.9 117.9#

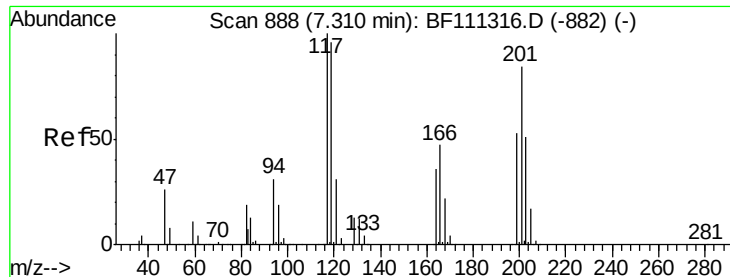


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

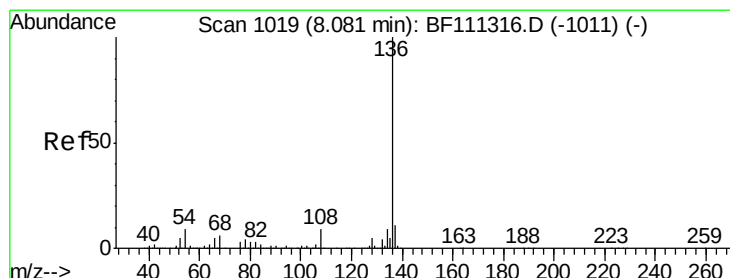
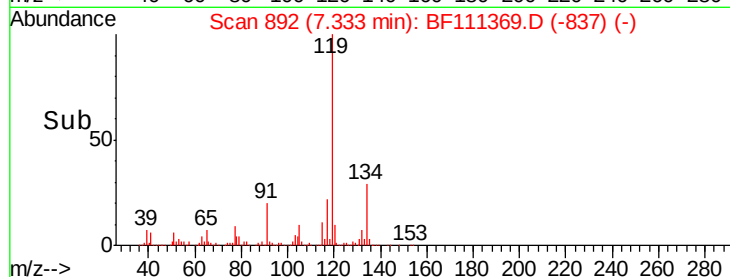
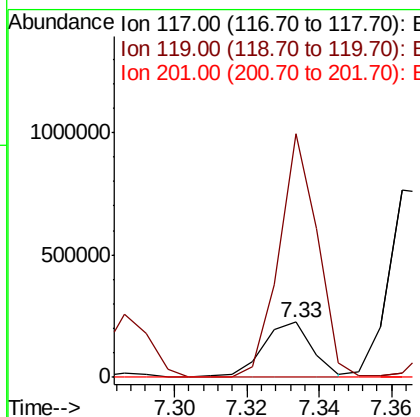
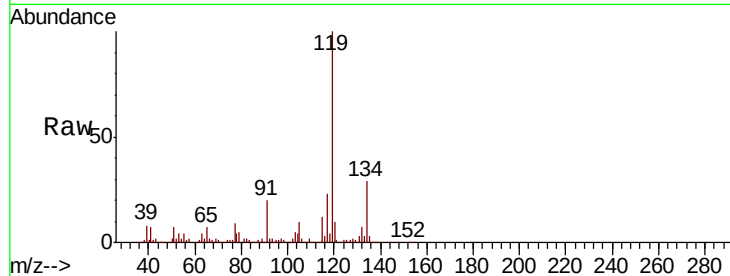




#18
Hexachloroethane
Concen: 39.849 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.02 min
Lab File: BF111369.D
Acq: 13 Dec 2018 14:29

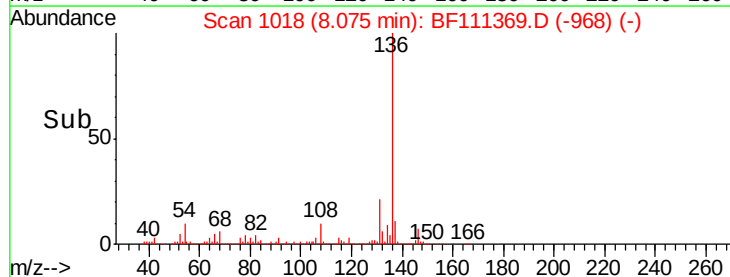
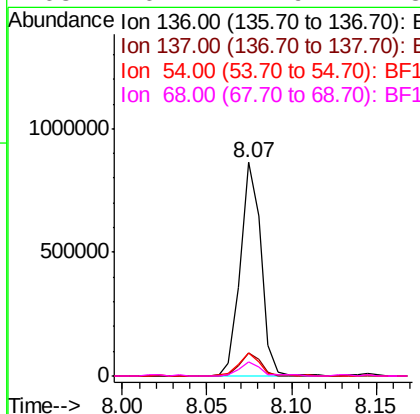
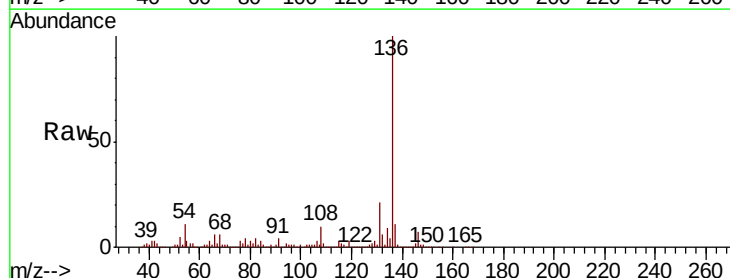
Instrument :
BNA_G
ClientSampled :

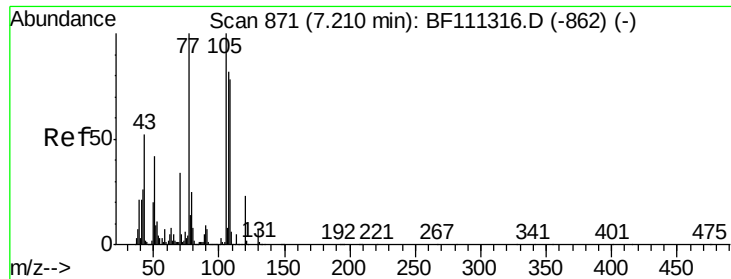
Tot Ion:117 Resp: 209670
Ion Ratio Lower Upper
117 100
119 441.7 75.4 113.0#
201 0.0 62.4 93.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111369.D
Acq: 13 Dec 2018 14:29

Tgt Ion:136 Resp: 733656
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 10.6 7.7 11.5
68 6.4 4.9 7.3

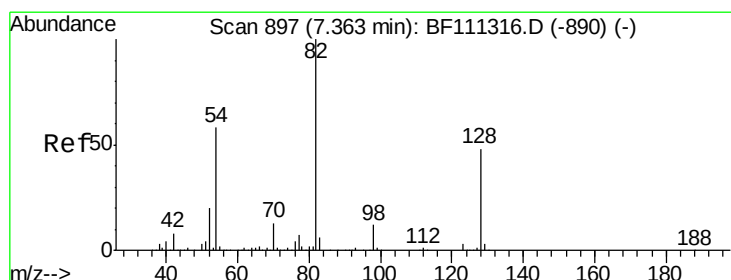
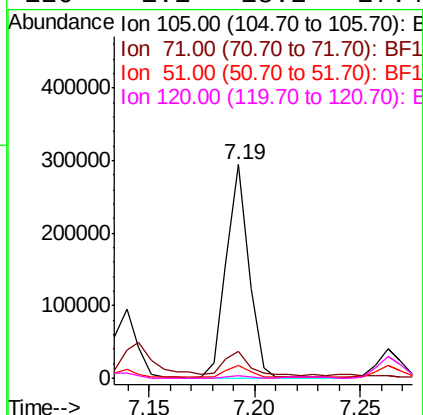
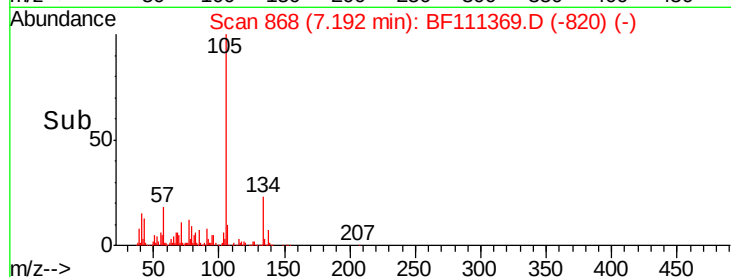
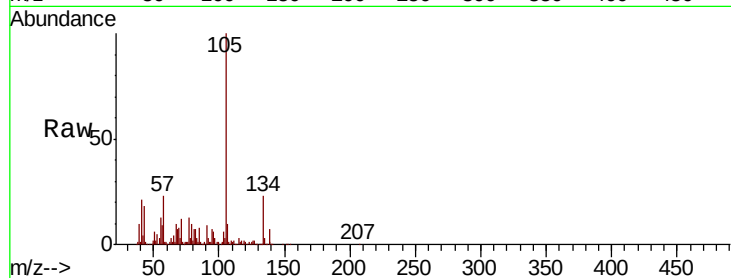




#22
Acetophenone
Concen: 12.713 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111369.D
Acq: 13 Dec 2018 14:29

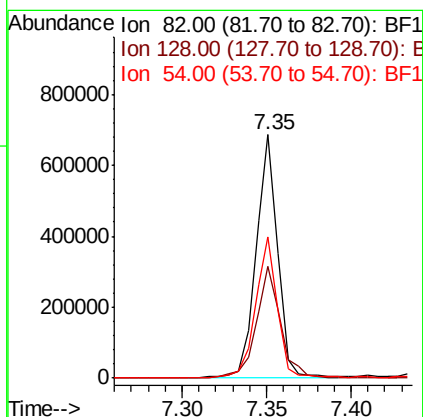
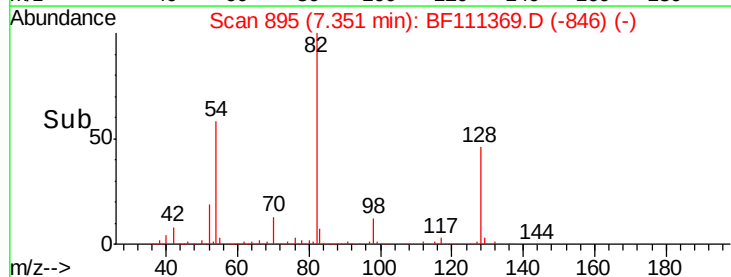
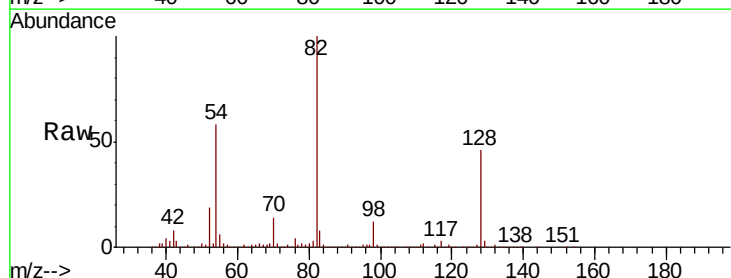
Instrument :
BNA_G
ClientSampleId :

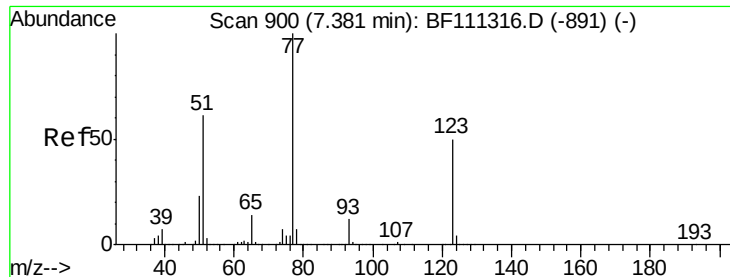
Tot Ion:	105	Resp:	216650
Ion	Ratio	Lower	Upper
105	100		
71	12.4	3.1	4.7#
51	5.9	36.6	54.8#
120	1.1	18.2	27.4#



#23
Nitrobenzene-d5
Concen: 46.741 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111369.D
Acq: 13 Dec 2018 14:29

Tgt Ion:	82	Resp:	608405
Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.4	56.2
54	58.2	47.6	71.4





#24

Nitrobenzene

Concen: 3.010 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF111369.D

Acq: 13 Dec 2018 14:29

Instrument :

BNA_G

ClientSampled :

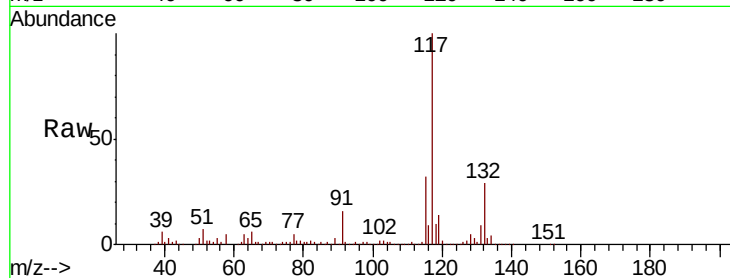
Tot Ion: 77 Resp: 40351

Ion Ratio Lower Upper

77 100

123 5.2 37.2 55.8#

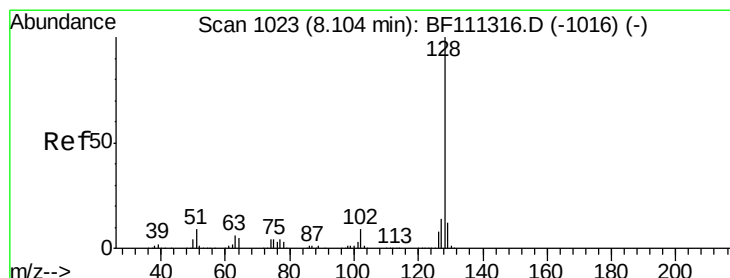
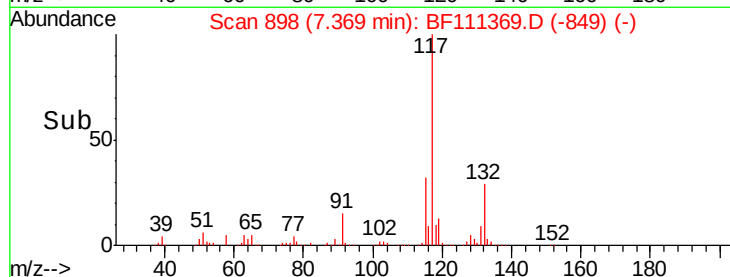
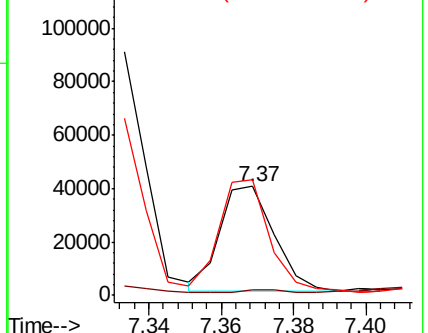
65 106.0 11.5 17.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BF1



#31

Naphthalene

Concen: 44.938 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF111369.D

Acq: 13 Dec 2018 14:29

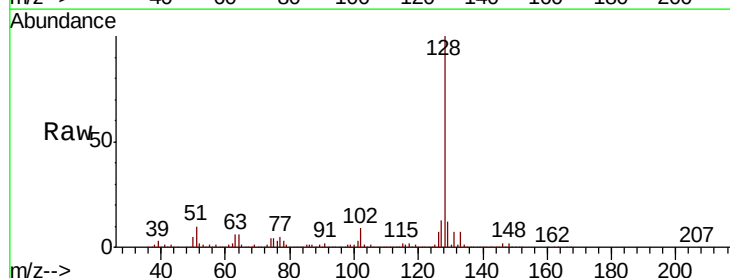
Tgt Ion: 128 Resp: 1536041

Ion Ratio Lower Upper

128 100

129 12.1 9.8 14.8

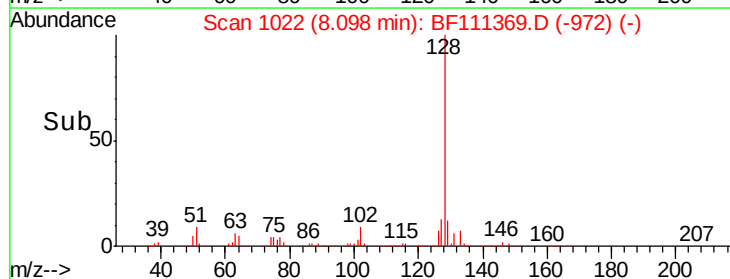
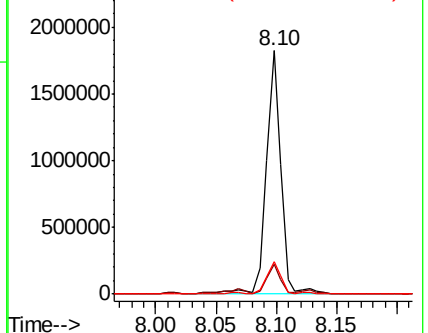
127 13.3 12.0 18.0

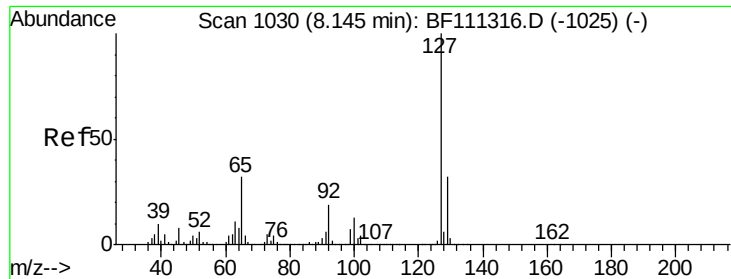


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

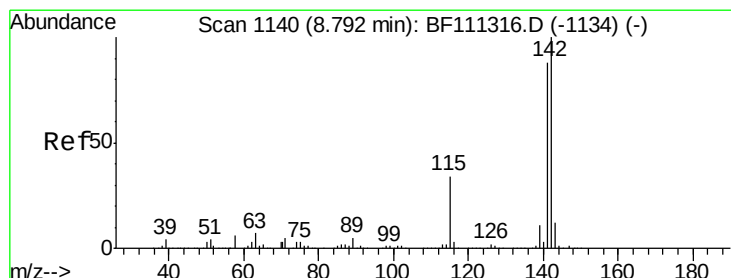
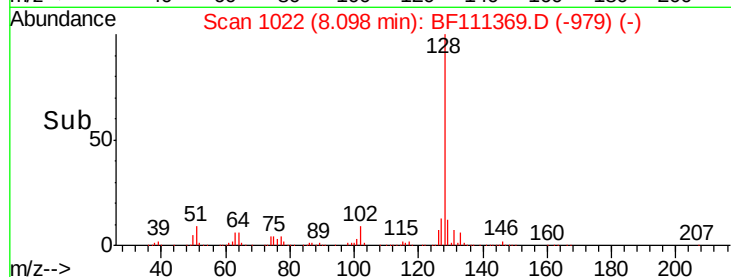
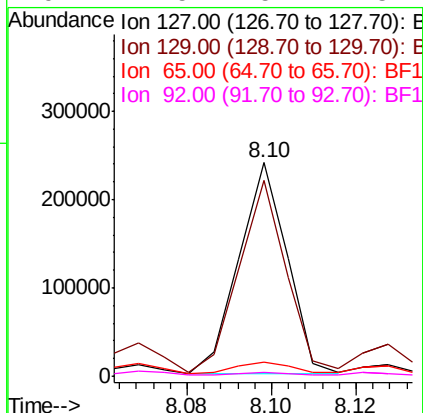
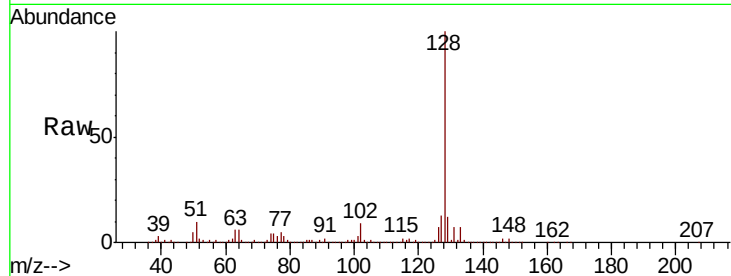




#33
4-Chloroaniline
Concen: 12.921 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.05 min
Lab File: BF111369.D
Acq: 13 Dec 2018 14:29

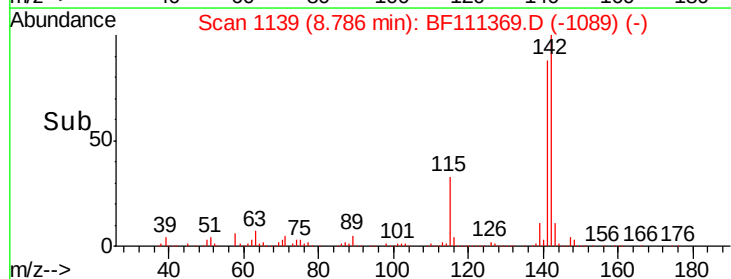
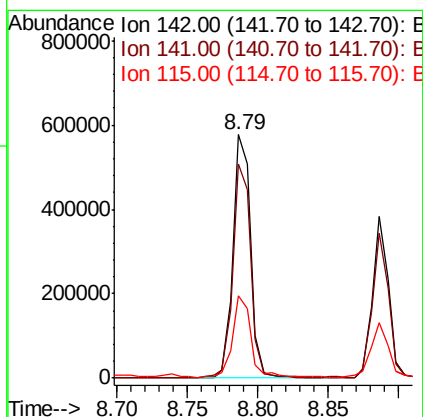
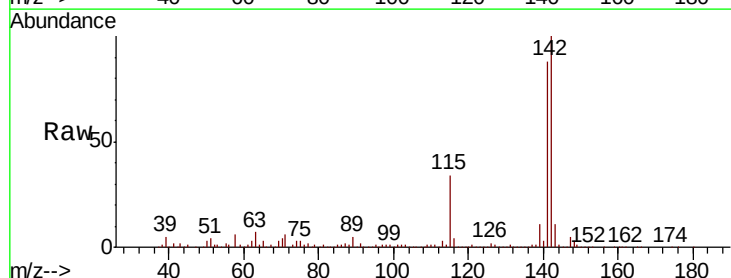
Instrument :
BNA_G
ClientSampleId :

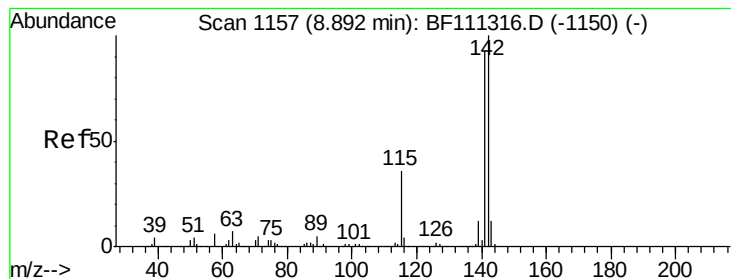
Tot Ion:127	Resp:	188617
Ion Ratio	Lower	Upper
127	100	
129	91.6	26.6 39.8#
65	6.8	25.7 38.5#
92	1.5	15.4 23.2#



#37
2-Methylnaphthalene
Concen: 22.805 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF111369.D
Acq: 13 Dec 2018 14:29

Tgt Ion:142	Resp:	503908
Ion Ratio	Lower	Upper
142	100	
141	87.9	70.6 105.8
115	33.7	27.0 40.6





#38

1-Methylnaphthalene

Concen: 14.201 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111369.D

Acq: 13 Dec 2018 14:29

Instrument :

BNA_G

ClientSampled :

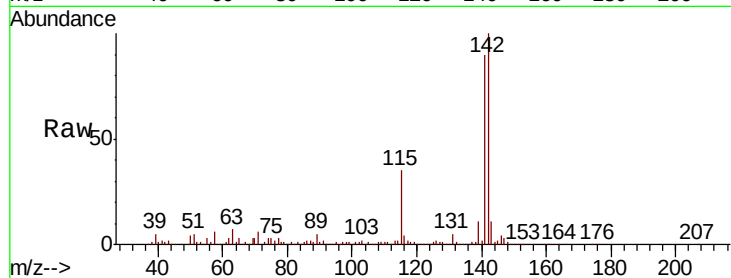
Tot Ion:142 Resp: 302843

Ion Ratio Lower Upper

142 100

141 89.6 74.2 111.4

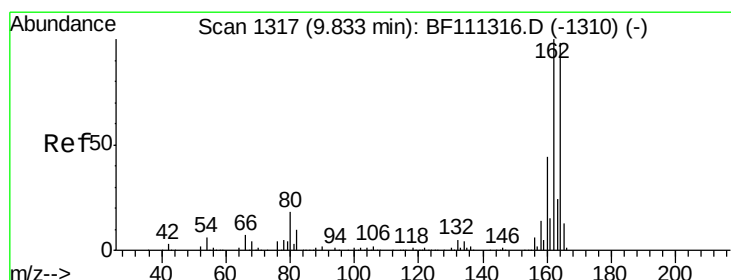
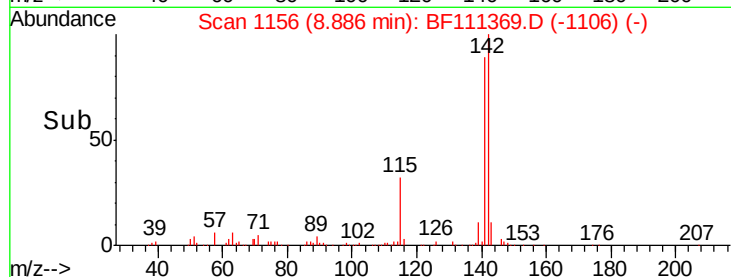
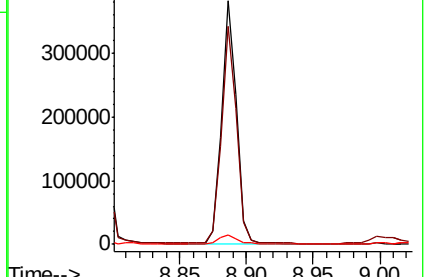
116 3.8 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111369.D

Acq: 13 Dec 2018 14:29

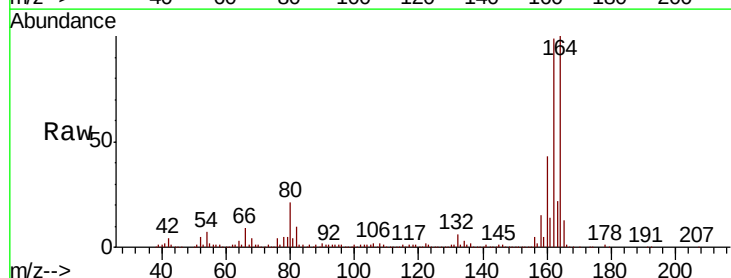
Tgt Ion:164 Resp: 393466

Ion Ratio Lower Upper

164 100

162 99.4 81.4 122.0

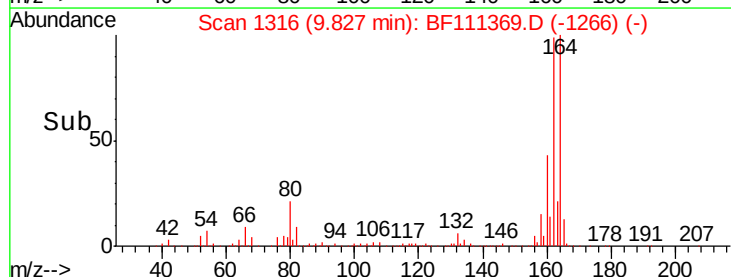
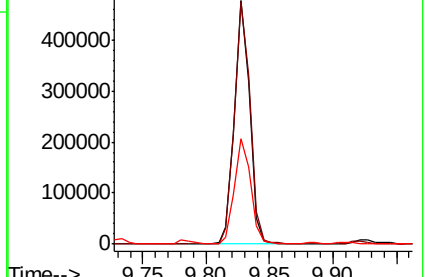
160 43.2 35.7 53.5

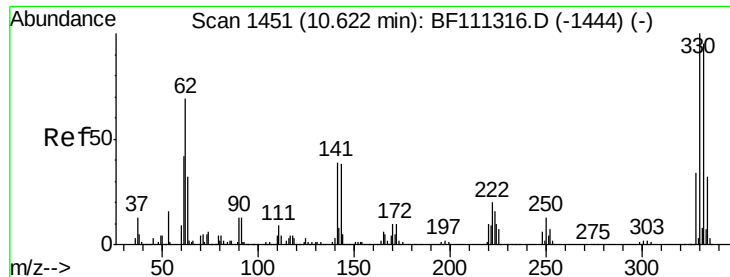


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 72.693 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111369.D

Acq: 13 Dec 2018 14:29

Instrument :

BNA_G

ClientSampleId :

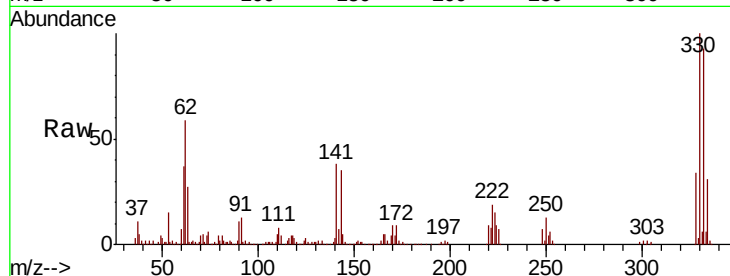
Tot Ion:330 Resp: 252133

Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

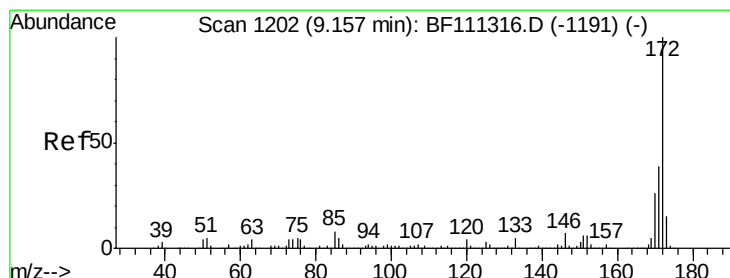
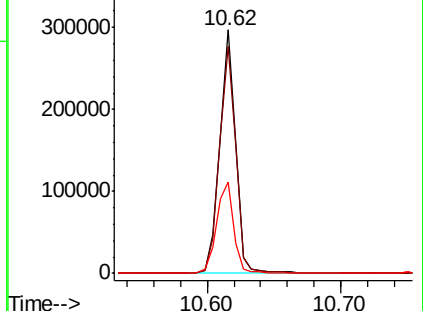
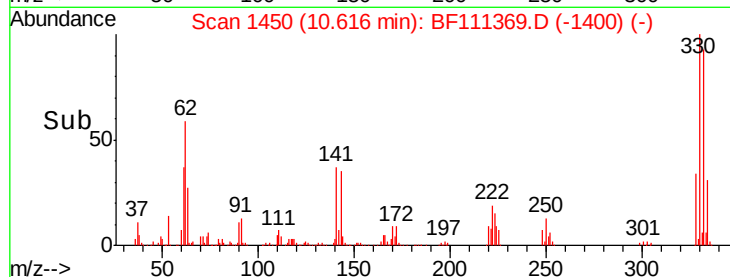
141 39.6 31.0 46.6



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: 48.162 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF111369.D

Acq: 13 Dec 2018 14:29

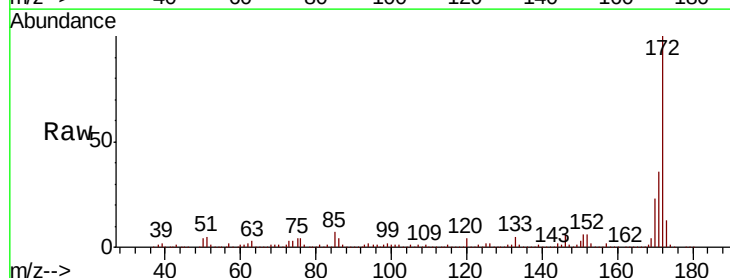
Tgt Ion:172 Resp: 1180344

Ion Ratio Lower Upper

172 100

171 35.6 33.0 49.4

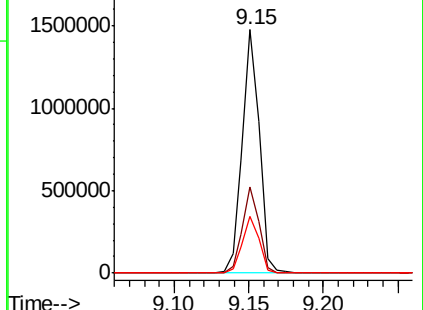
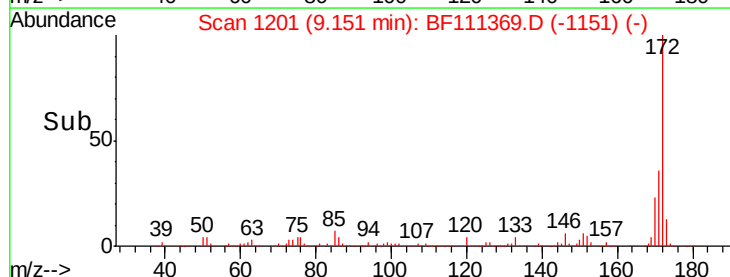
170 23.3 22.3 33.5

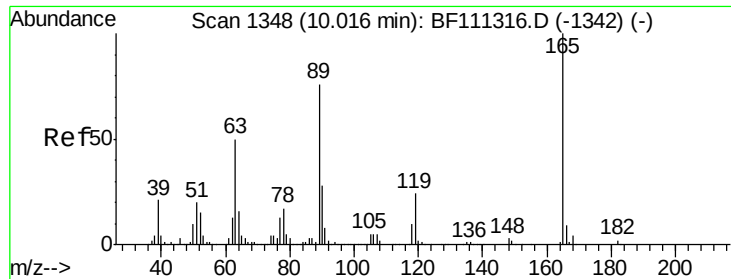


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

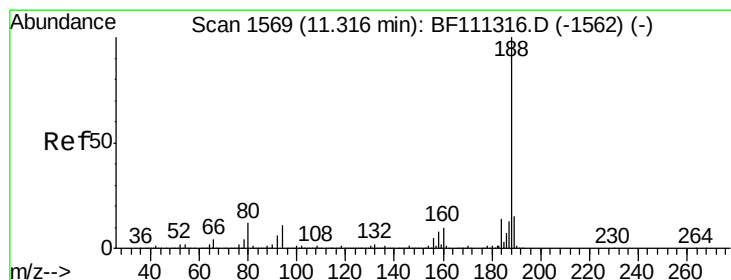
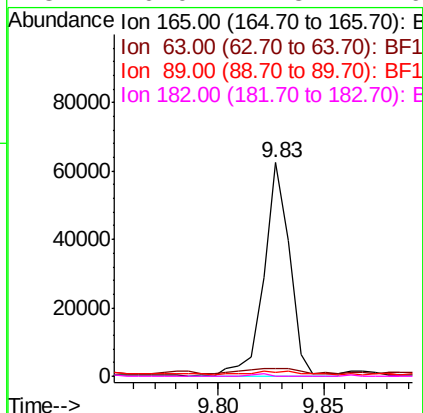
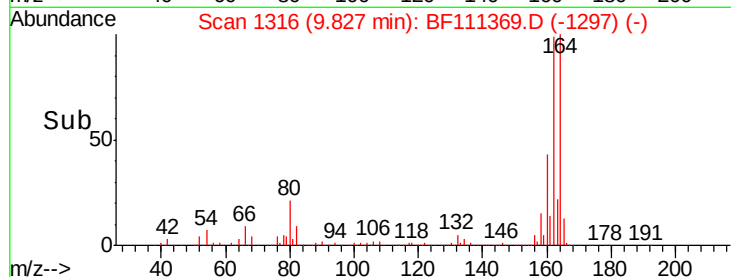
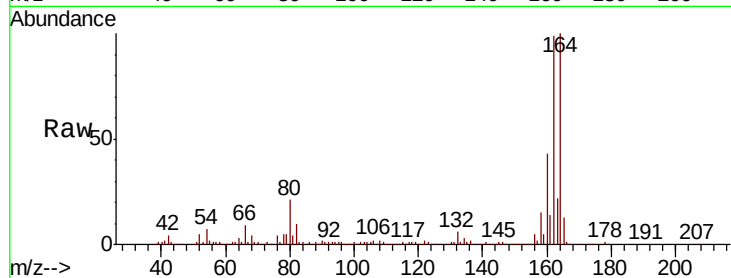




#57
 2,4-Dinitrotoluene
 Concen: 6.629 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF111369.D
 Acq: 13 Dec 2018 14:29

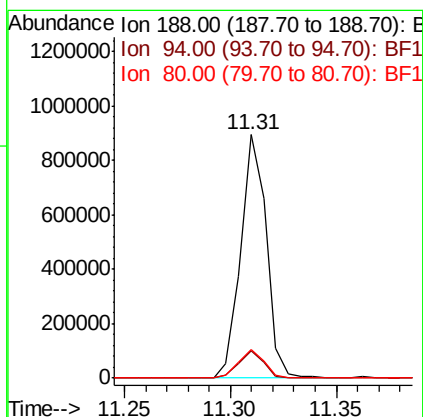
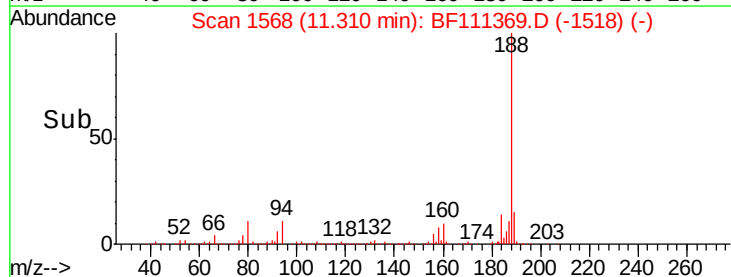
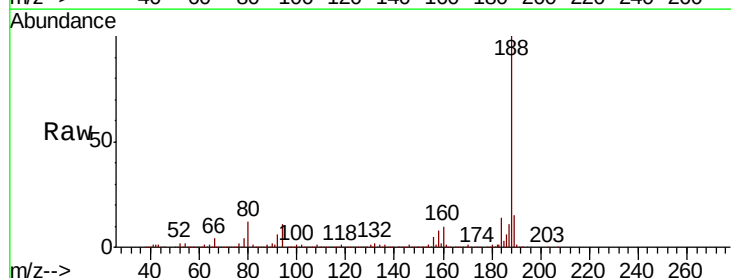
Instrument :
 BNA_G
 ClientSampled :

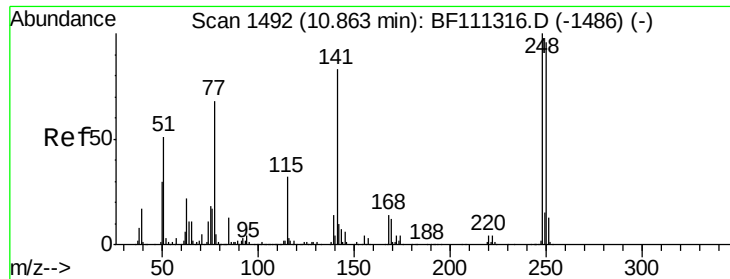
Tot Ion:165 Resp: 53282
 Ion Ratio Lower Upper
 165 100
 63 3.9 34.6 52.0#
 89 1.9 56.2 84.4#
 182 0.0 1.8 2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF111369.D
 Acq: 13 Dec 2018 14:29

Tgt Ion:188 Resp: 751040
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.6 14.4
 80 11.6 9.8 14.6

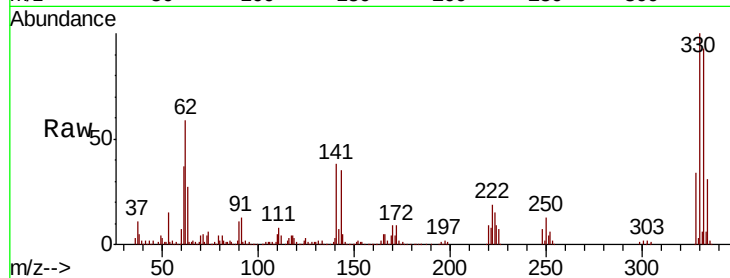




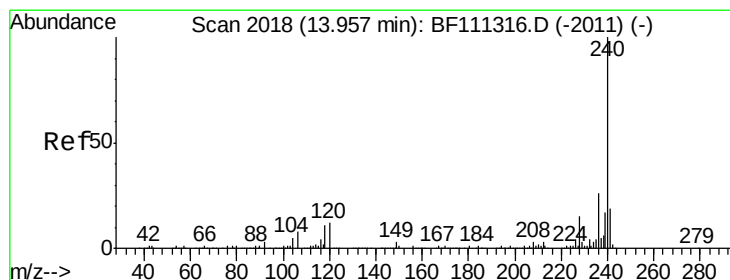
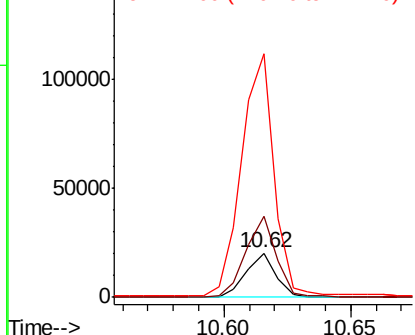
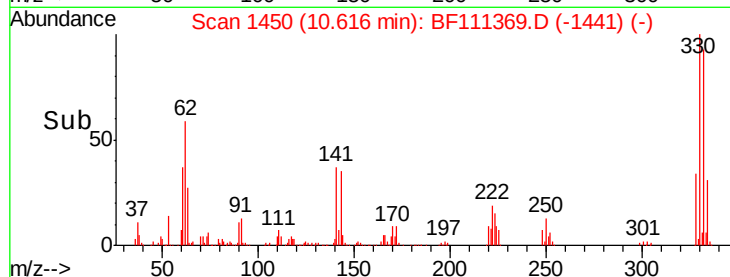
#67
4-Bromophenyl-phenylether
Concen: 2.010 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111369.D
Acq: 13 Dec 2018 14:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 16808
Ion Ratio Lower Upper
248 100
250 185.2 77.0 115.4#
141 554.2 63.0 94.6#

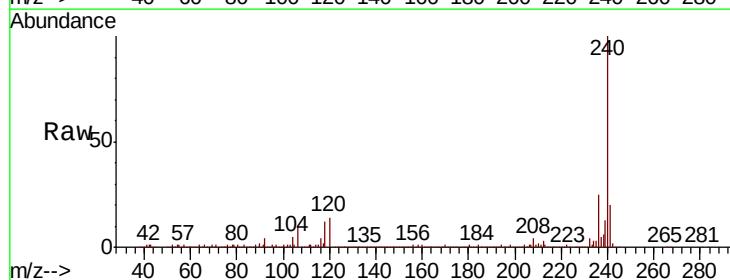


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

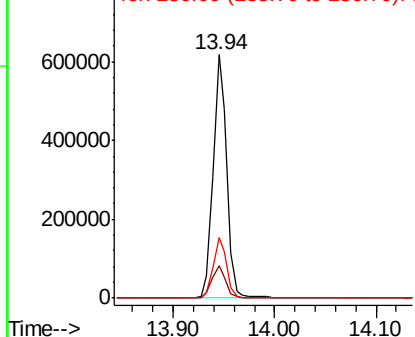
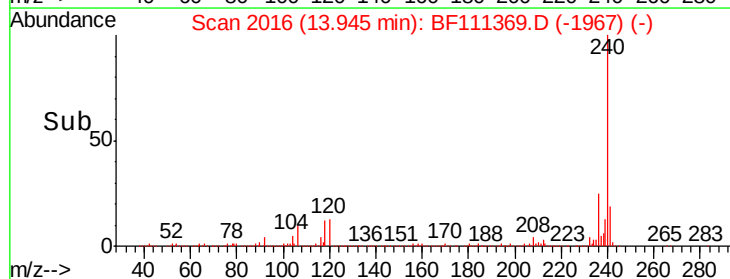


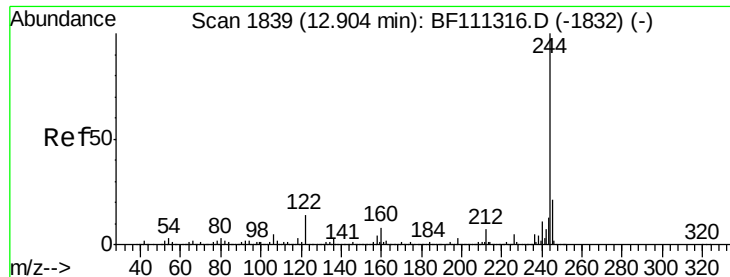
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111369.D
Acq: 13 Dec 2018 14:29

Tgt Ion:240 Resp: 576769
Ion Ratio Lower Upper
240 100
120 13.5 12.2 18.2
236 25.1 20.2 30.2



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: 52.579 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111369.D

Acq: 13 Dec 2018 14:29

Instrument :

BNA_G

ClientSampleId :

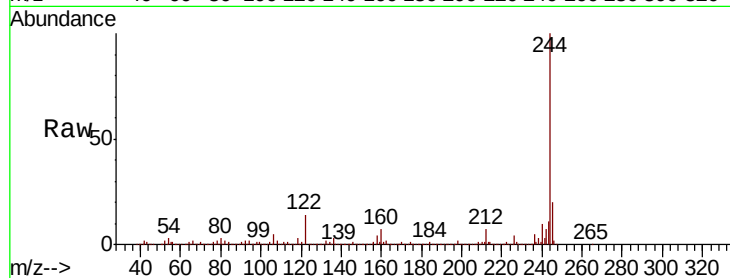
Tot Ion:244 Resp: 1377863

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

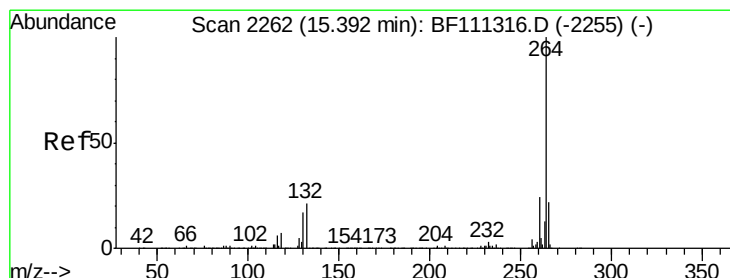
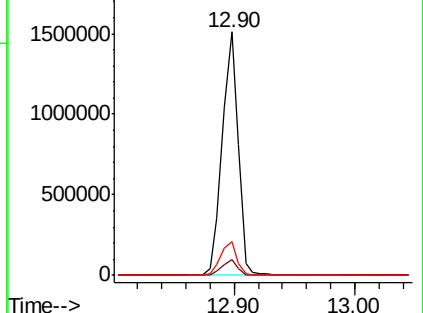
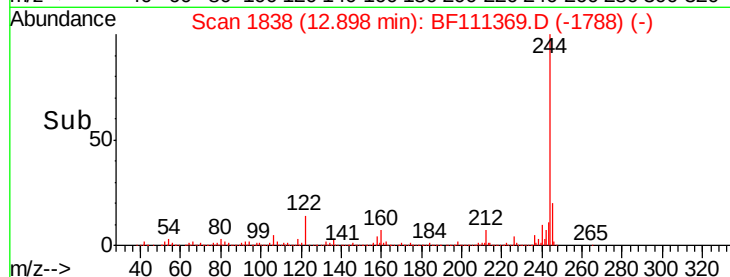
122 13.7 13.1 19.7



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

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF111369.D

Acq: 13 Dec 2018 14:29

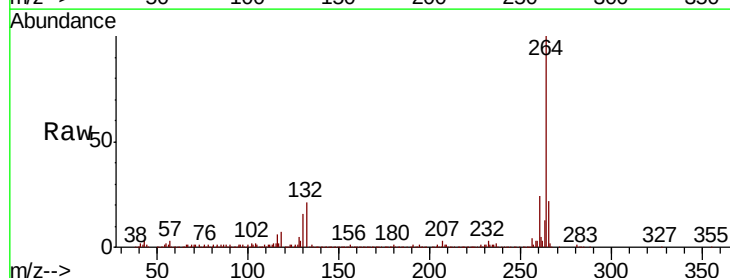
Tgt Ion:264 Resp: 454121

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 22.0 17.7 26.5



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

