

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_F
 ClientSampleId :
 GW-121018DL

Quant Time: Dec 13 16:30:55 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

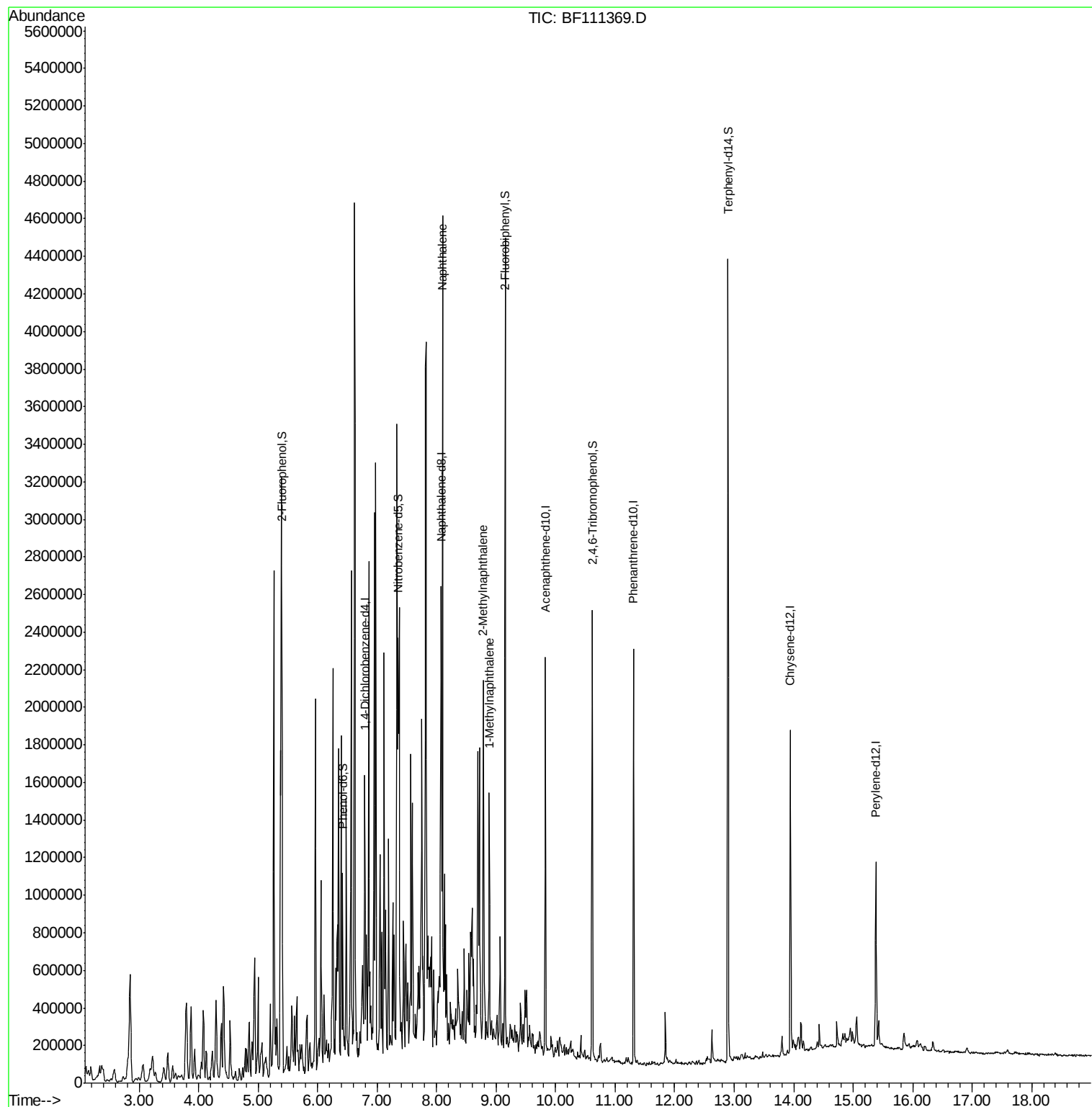
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	177923	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	733656	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	393466	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	751040	20.00	ng	0.00
76) Chrysene-d12	13.94	240	576769	20.00	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						Qvalue
31) Naphthalene	8.10	128	1536041	44.938	ng	98
37) 2-Methylnaphthalene	8.79	142	503908	22.805	ng	100
38) 1-Methylnaphthalene	8.89	142	302843	14.201	ng	97

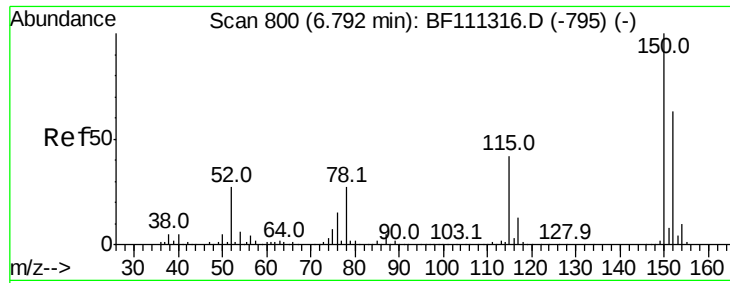
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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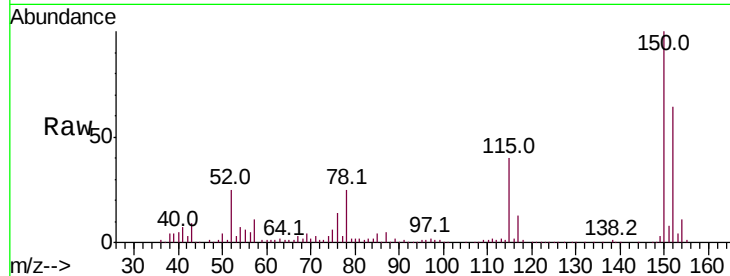


#1

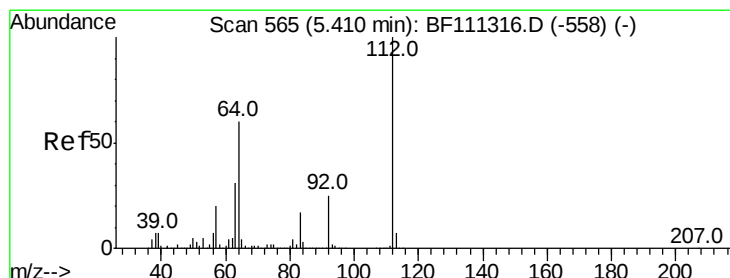
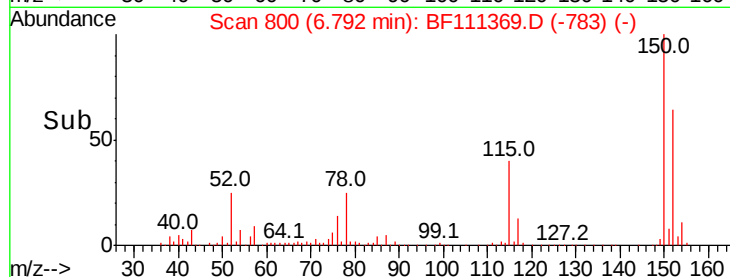
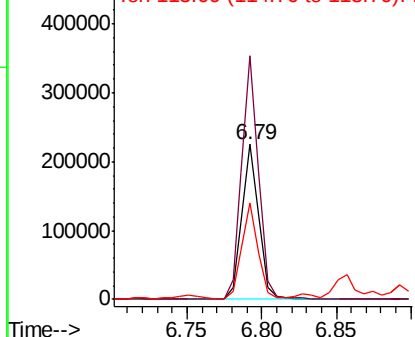
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111369.D
Acq: 13 Dec 2018 14:29

Instrument :
BNA_F
ClientSampleId :
GW-121018DL

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



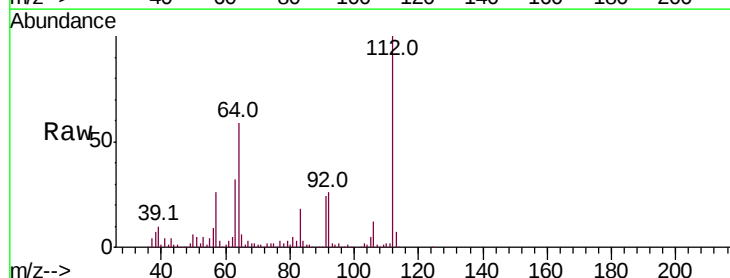
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



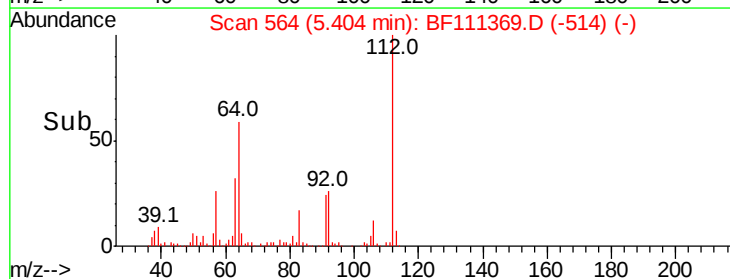
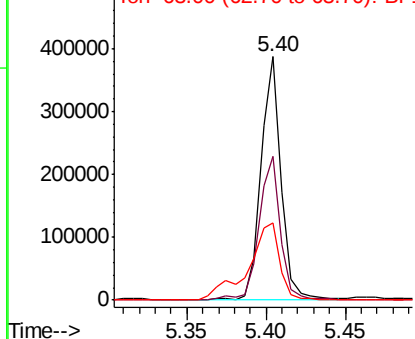
#5

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_F

ClientSampleId :

GW-121018DL

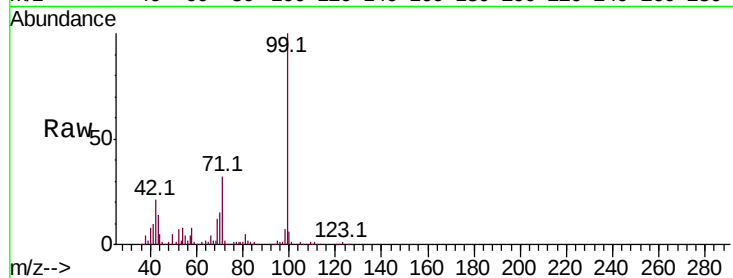
Tot Ion: 99 Resp: 299029

Ion Ratio Lower Upper

99 100

42 20.8 17.4 26.0

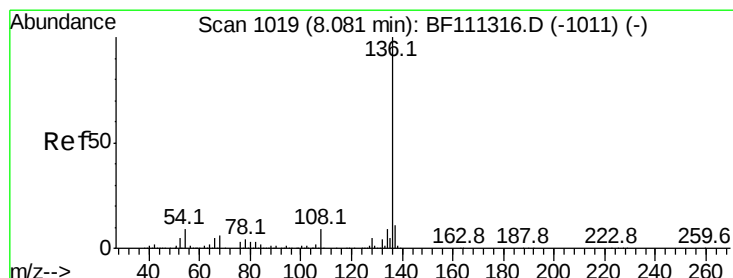
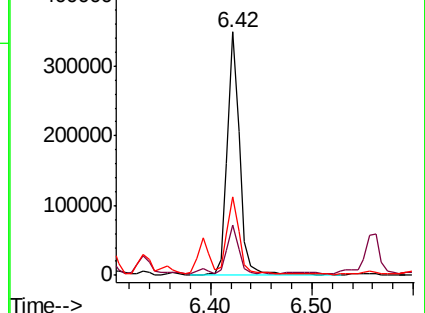
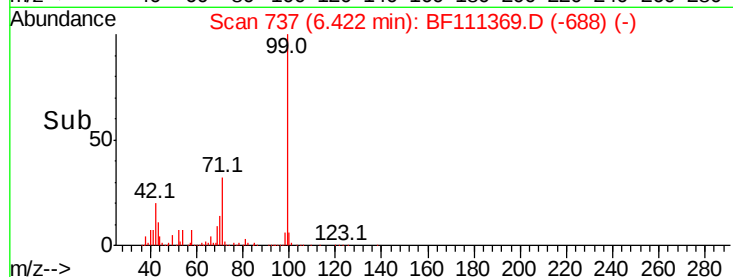
71 32.5 26.1 39.1



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



#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

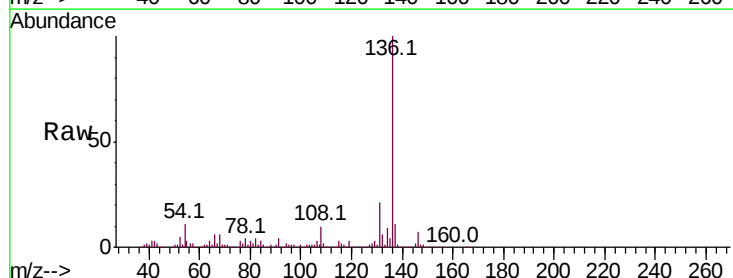
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 10.6 7.7 11.5

68 6.4 4.9 7.3

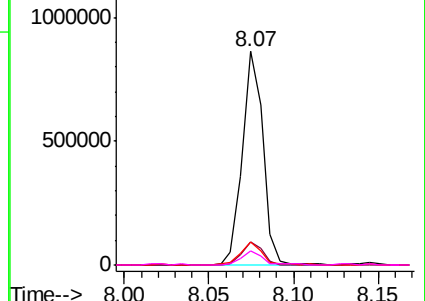
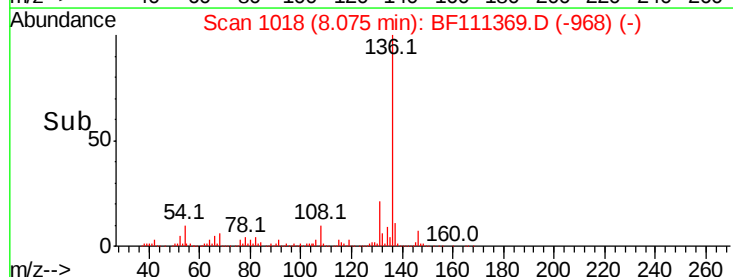


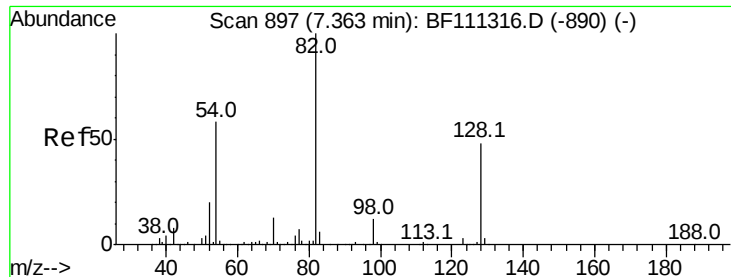
Abundance Ion 136.00 (135.70 to 136.70): E

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

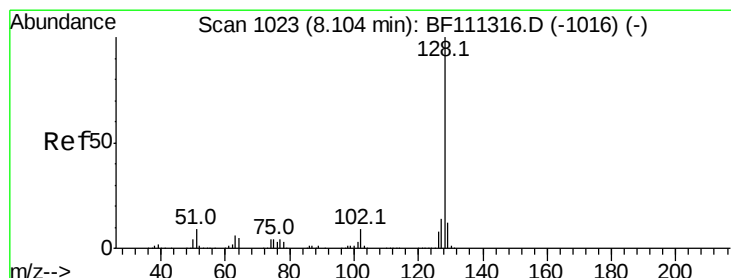
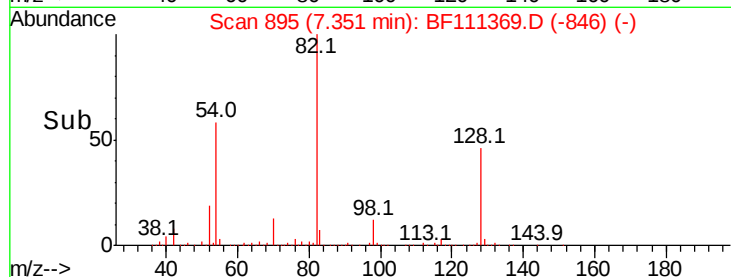
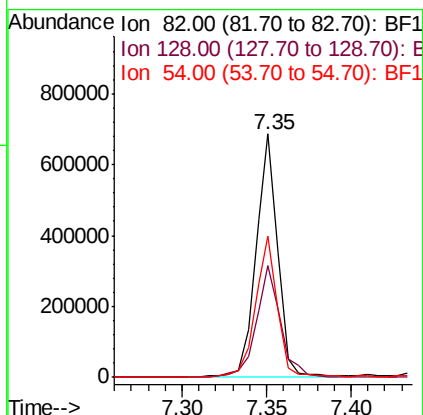
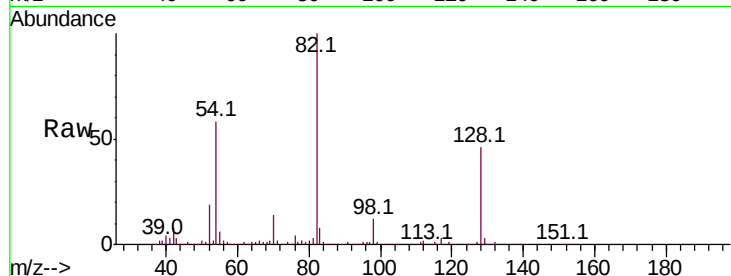




#23
 Nitrobenzene-d5
 Concen: 46.741 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111369.D
 Acq: 13 Dec 2018 14:29

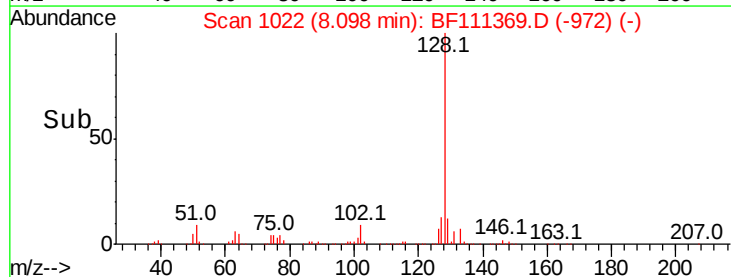
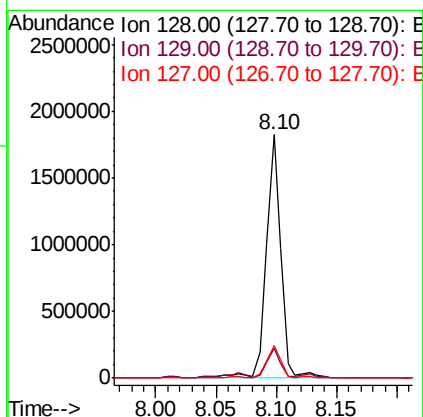
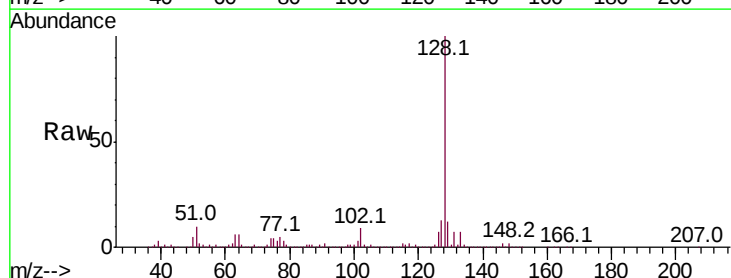
Instrument :
 BNA_F
 ClientSampleID :
 GW-121018DL

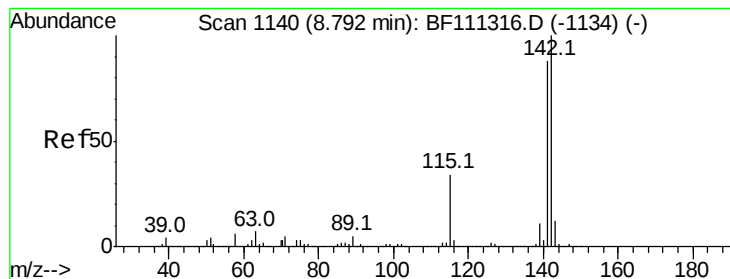
Tot Ion	82	Resp	608405
Ion Ratio	Lower	Upper	
82	100		
128	45.7	37.4	56.2
54	58.2	47.6	71.4



#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





#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

Instrument :

BNA_F

ClientSampleId :

GW-121018DL

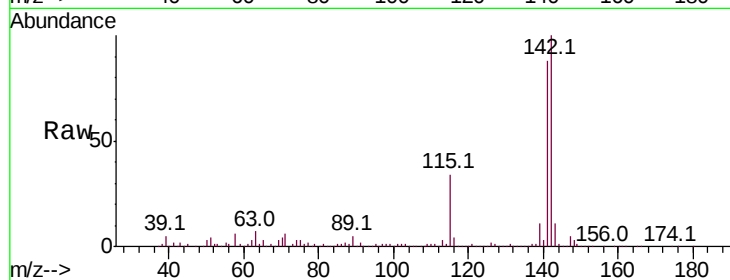
Tot Ion:142 Resp: 503908

Ion Ratio Lower Upper

142 100

141 87.9 70.6 105.8

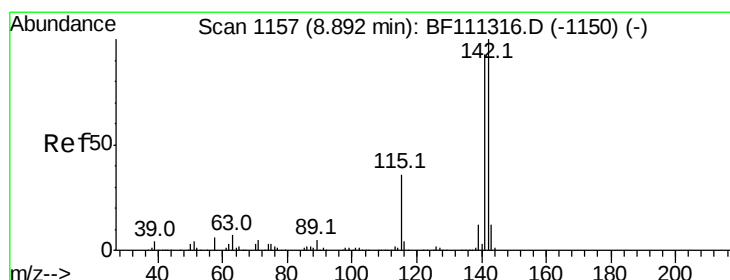
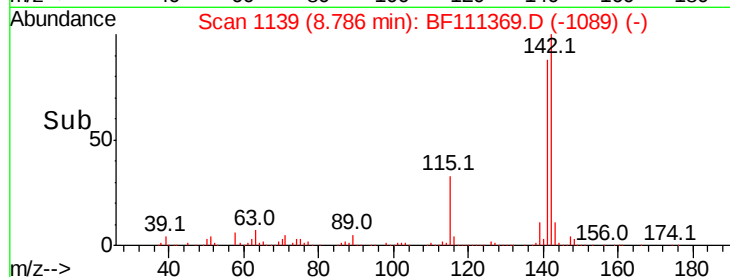
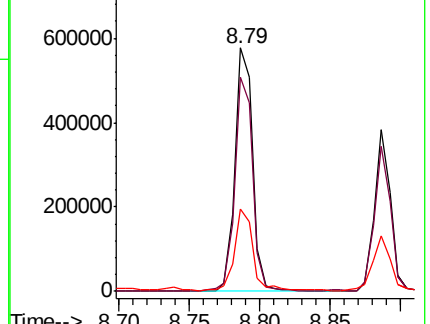
115 33.7 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#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

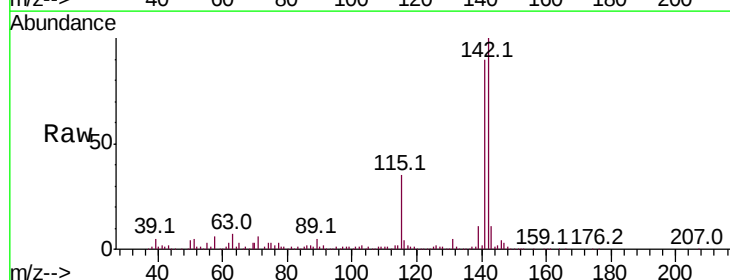
Tgt Ion:142 Resp: 302843

Ion Ratio Lower Upper

142 100

141 89.6 74.2 111.4

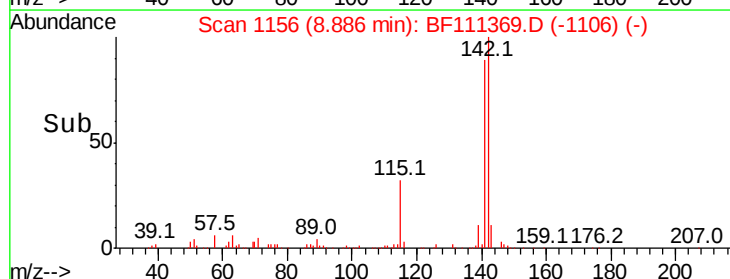
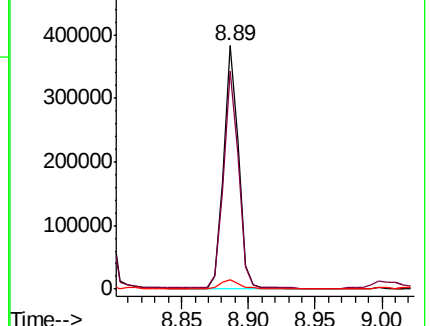
116 3.8 2.9 4.3

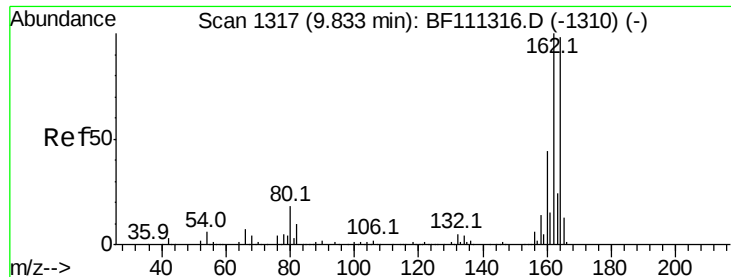


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

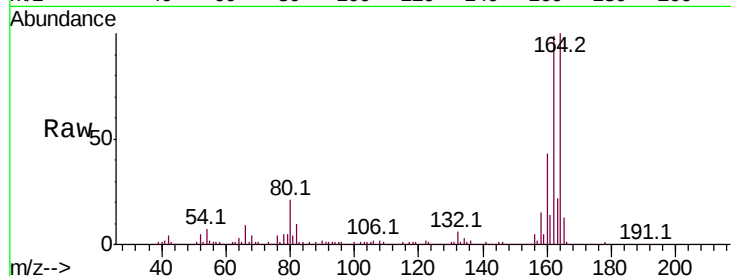




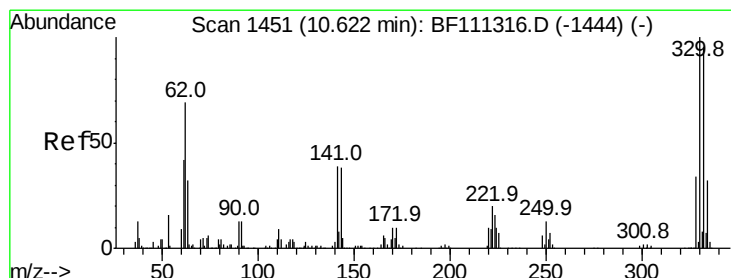
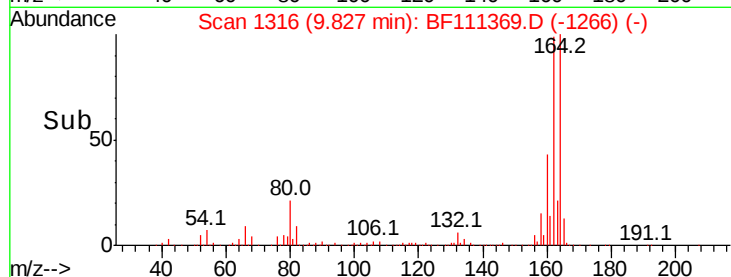
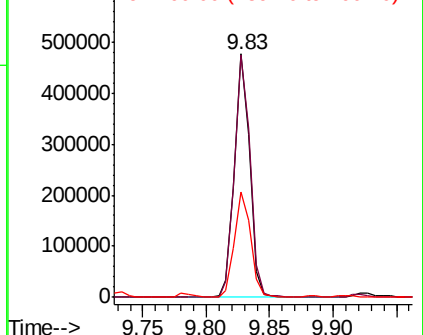
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111369.D
Acq: 13 Dec 2018 14:29

Instrument :
BNA_F
ClientSampleId :
GW-121018DL

Tot Ion:164 Resp: 393466
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 43.2 35.7 53.5

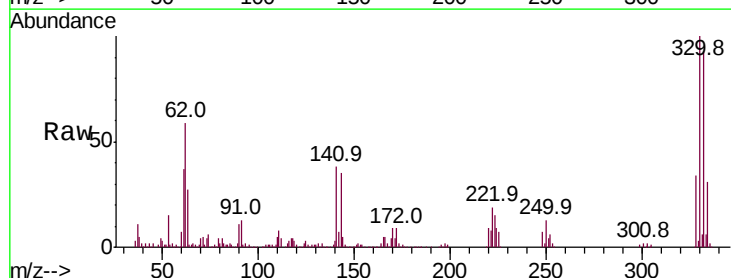


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

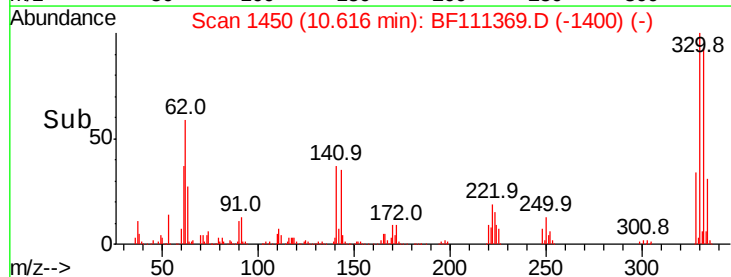
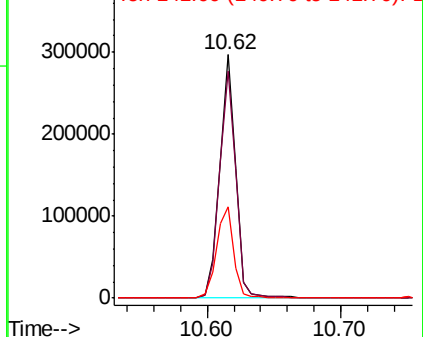


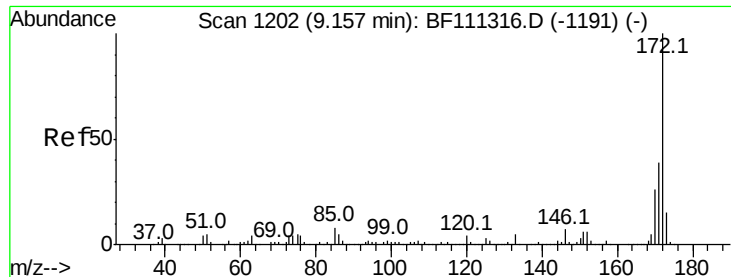
#42
2,4,6-Tribromophenol
Concen: 72.693 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111369.D
Acq: 13 Dec 2018 14:29

Tgt 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

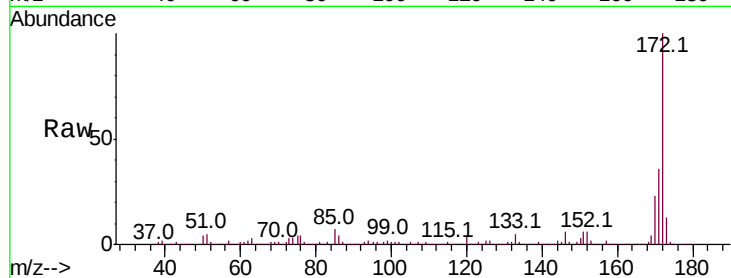




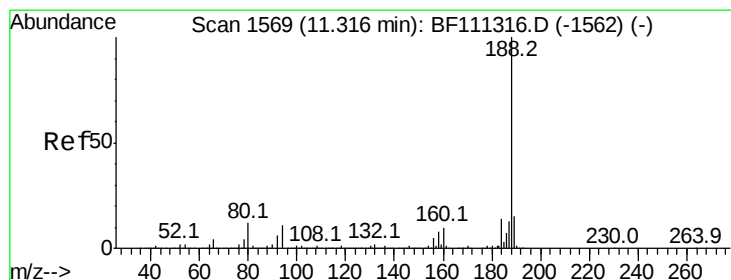
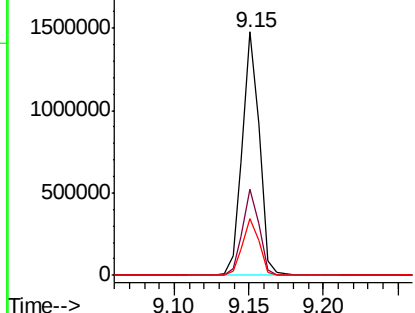
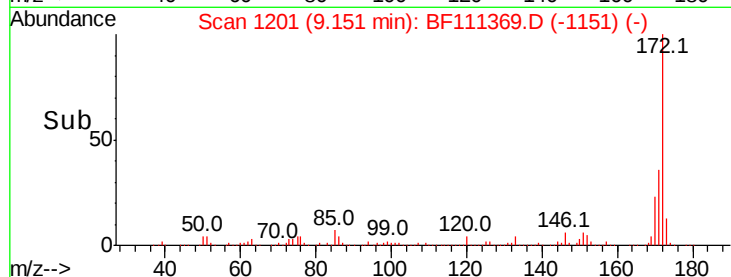
#45
2-Fluorobiphenyl
Concen: 48.162 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111369.D
Acq: 13 Dec 2018 14:29

Instrument :
BNA_F
ClientSampleId :
GW-121018DL

Tot Ion:172 Resp: 1180344
Ion Ratio Lower Upper
172 100
171 35.6 33.0 49.4
170 23.3 22.3 33.5

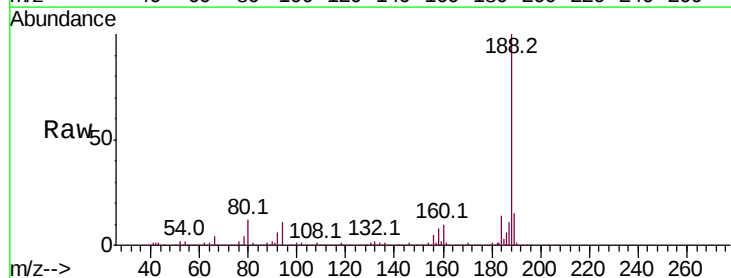


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

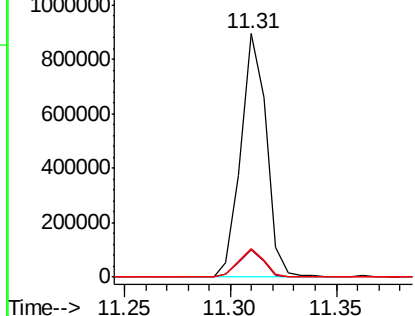
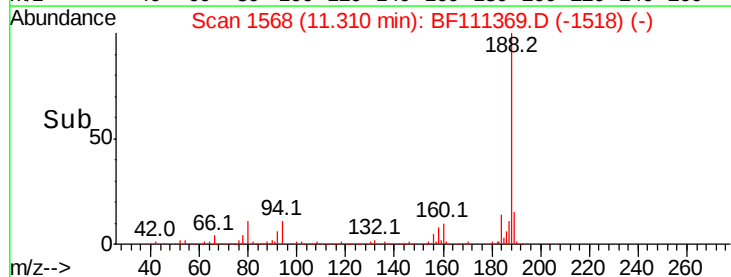


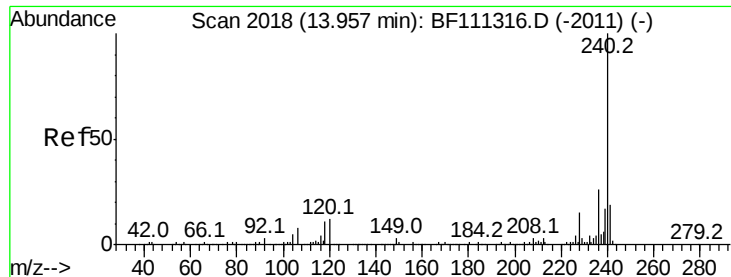
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111369.D
Acq: 13 Dec 2018 14:29

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



Abundance Ion 188.00 (187.70 to 188.70): E
1200000 Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

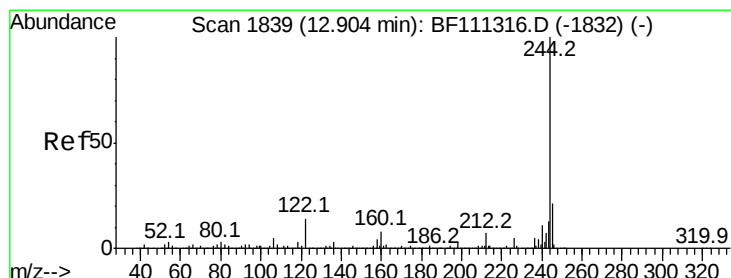
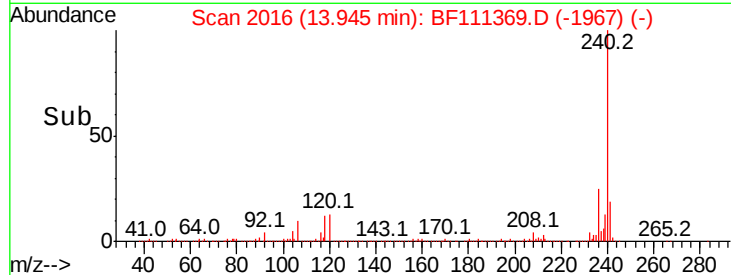
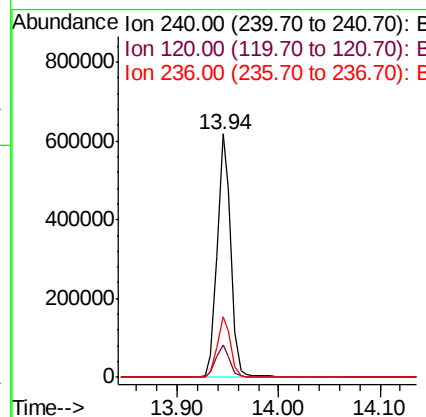
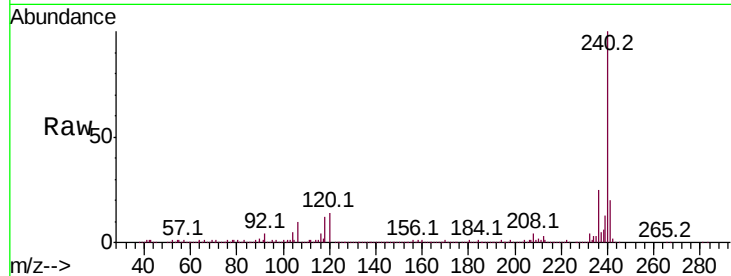




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF111369.D
 Acq: 13 Dec 2018 14:29

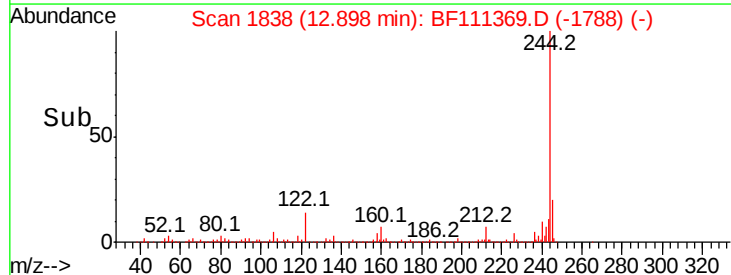
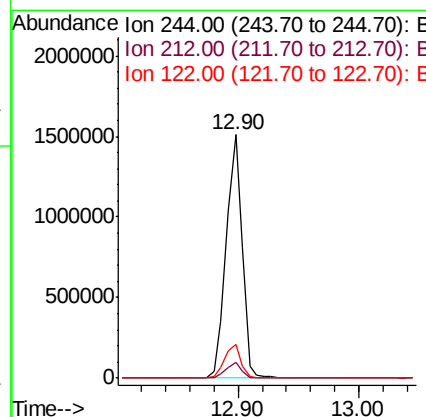
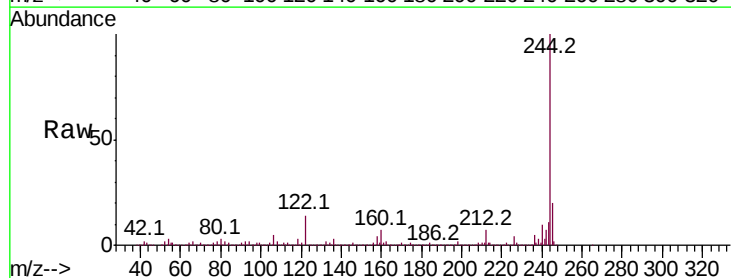
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 GW-121018DL

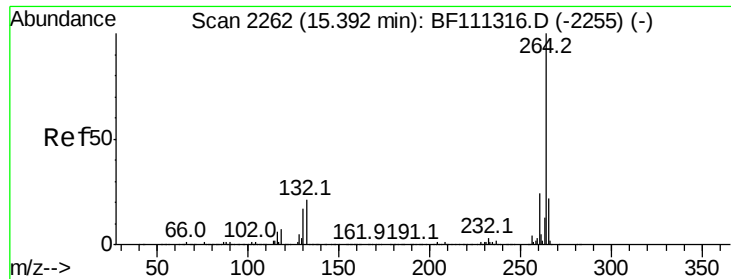
Tot Ion:240 Resp: 576769
 Ion Ratio Lower Upper
 240 100
 120 13.5 12.2 18.2
 236 25.1 20.2 30.2



#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

Tgt Ion:244 Resp: 1377863
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 13.7 13.1 19.7





#87
 Pervlene-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

Instrument :
 BNA_F
 ClientSampleId :
 GW-121018DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	22.0	17.7	26.5

