

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102445.D
 Acq On : 26 Jan 2018 1:05
 Operator : SJ/JU
 Sample : J1289-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-60-9.5-10.0

Quant Time: Jan 26 03:05:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

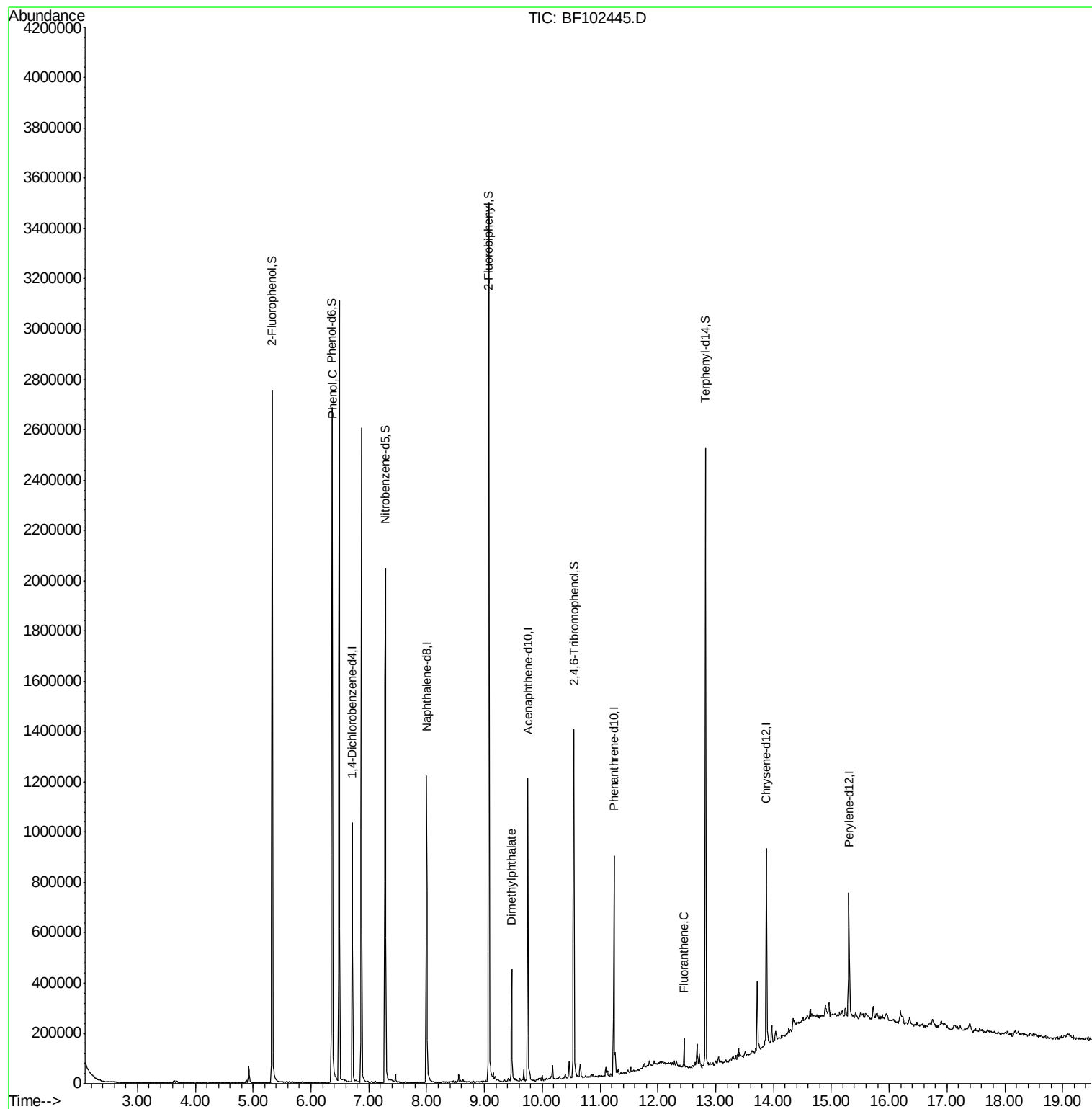
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137859	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	561032	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	227191	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	329067	20.00	ng	0.00
75) Chrysene-d12	13.87	240	263251	20.00	ng	0.00
86) Perylene-d12	15.30	264	226664	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	929157	102.19	ng	0.01
7) Phenol-d6	6.36	99	1117266	101.93	ng	0.00
23) Nitrobenzene-d5	7.29	82	684608	70.12	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	166338	73.89	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1178479	76.27	ng	0.00
78) Terphenyl-d14	12.82	244	814756	69.77	ng	0.00
Target Compounds						
10) Phenol	6.37	94	47398	3.961	ng	92
49) Dimethylphthalate	9.47	163	183955	9.796	ng	100
74) Fluoranthene	12.45	202	42318	2.164	ng	96

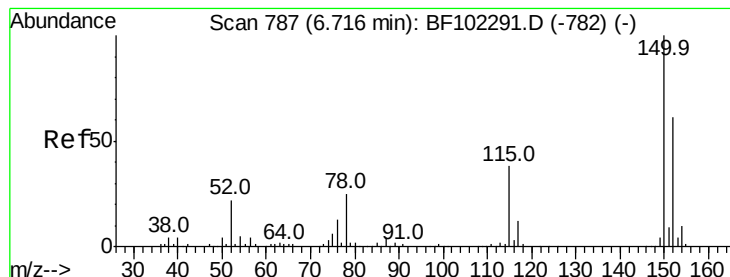
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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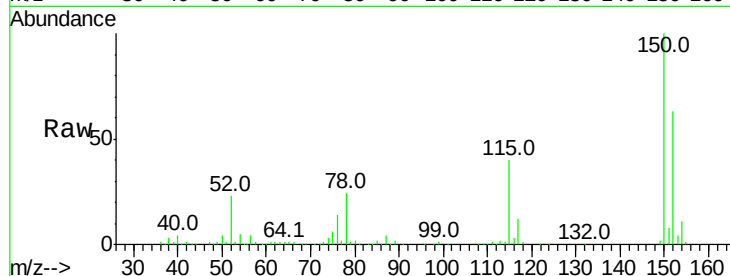


#1

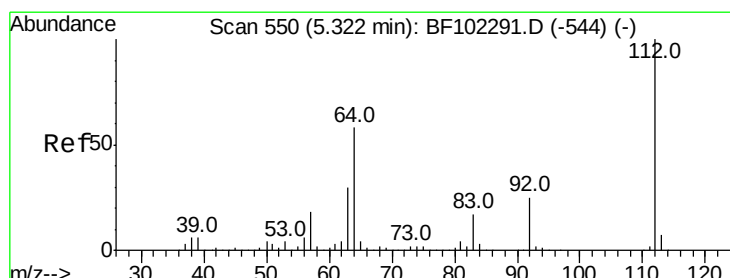
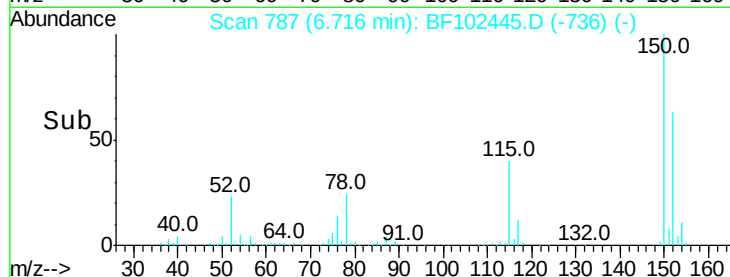
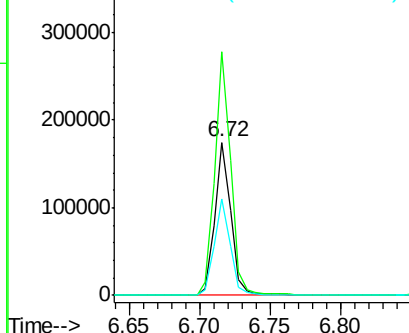
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102445.D
Acq: 26 Jan 2018 1:05

Instrument :
BNA_F
ClientSampleId :
SB-60-9.5-10.0

Tot Ion:152 Resp: 137859
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 63.2 50.1 75.1



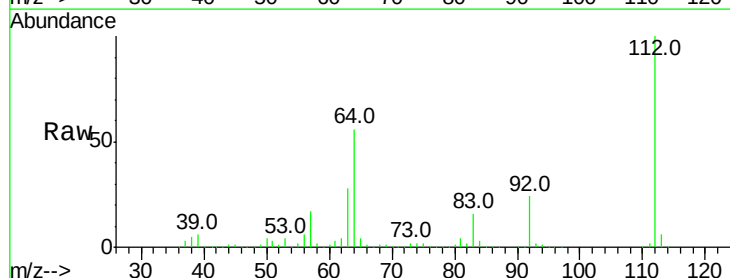
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



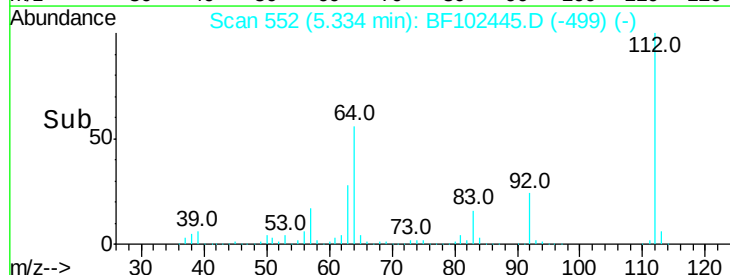
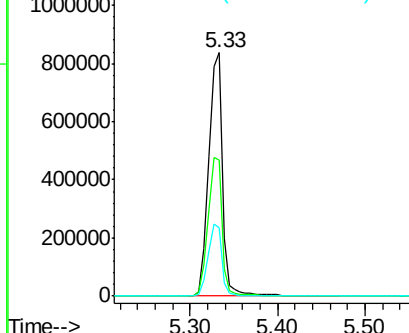
#5

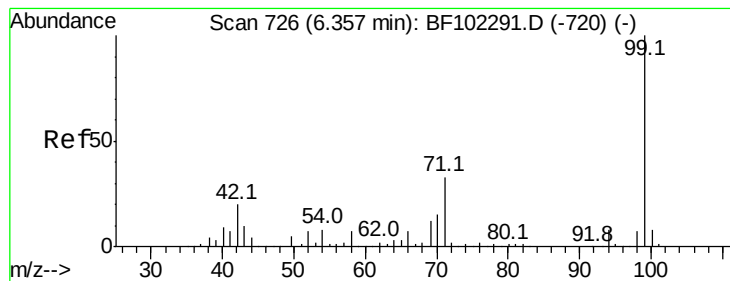
2-Fluorophenol
Concen: 102.195 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102445.D
Acq: 26 Jan 2018 1:05

Tgt Ion:112 Resp: 929157
Ion Ratio Lower Upper
112 100
64 56.0 47.9 71.9
63 28.3 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: 101.928 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102445.D

Acq: 26 Jan 2018 1:05

Instrument :

BNA_F

ClientSampleId :

SB-60-9.5-10.0

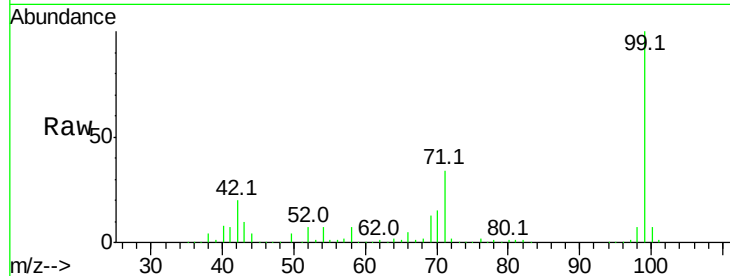
Tot Ion: 99 Resp: 1117266

Ion Ratio Lower Upper

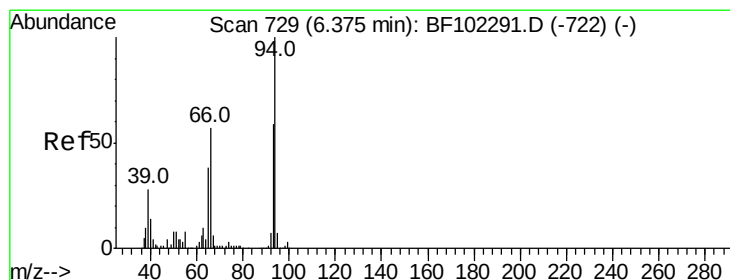
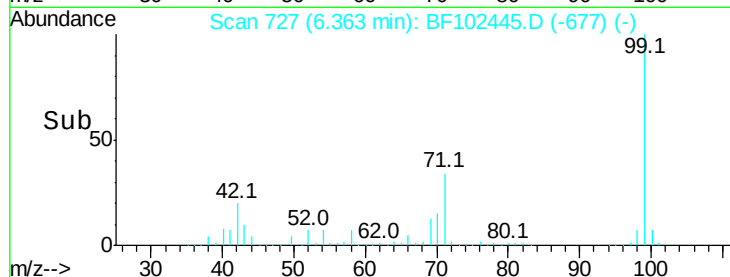
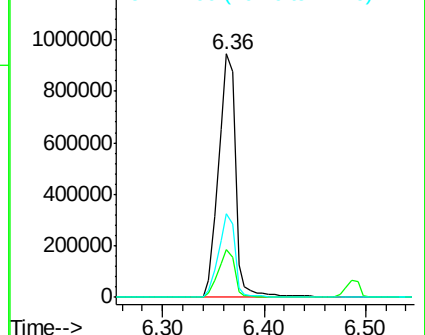
99 100

42 19.5 14.5 21.7

71 34.3 25.4 38.0



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: 3.961 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102445.D

Acq: 26 Jan 2018 1:05

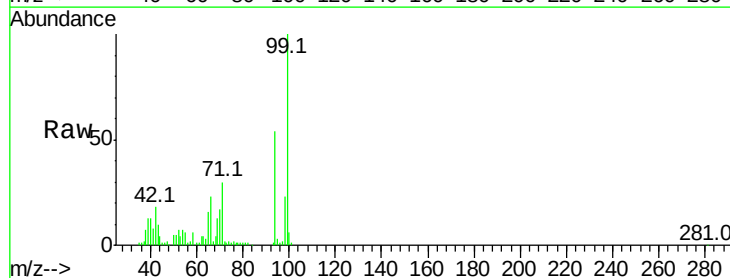
Tgt Ion: 94 Resp: 47398

Ion Ratio Lower Upper

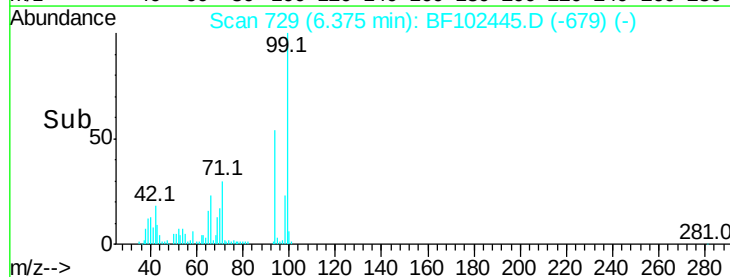
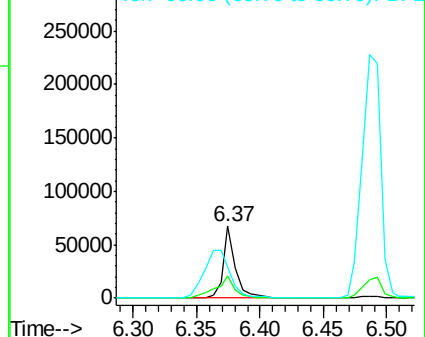
94 100

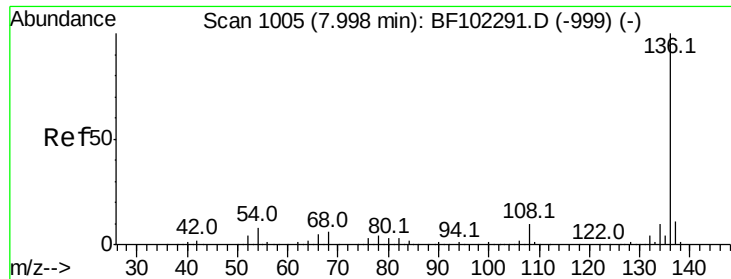
65 30.3 7.9 47.9

66 42.6 16.2 56.2



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

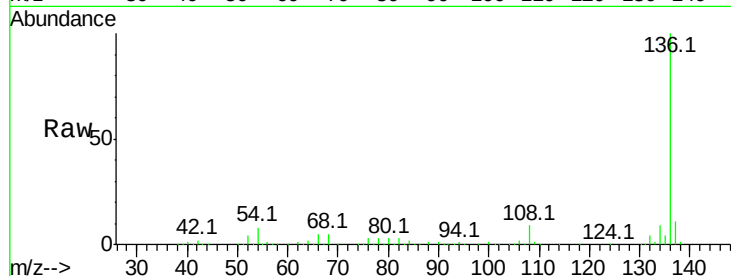




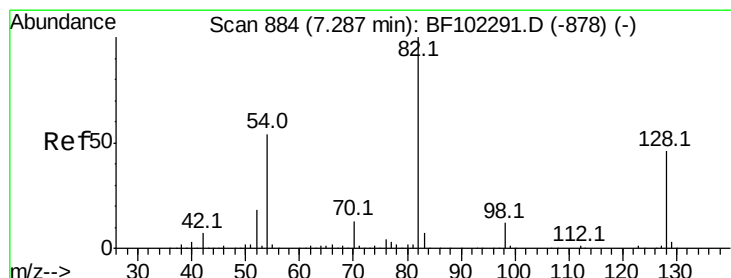
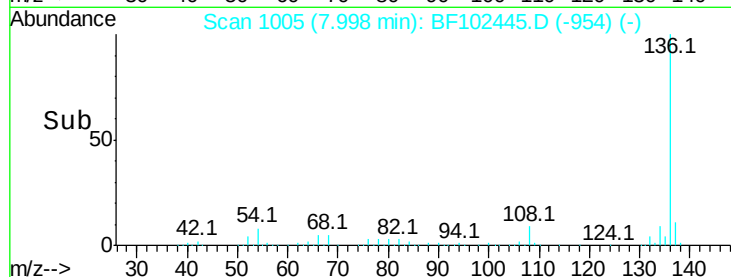
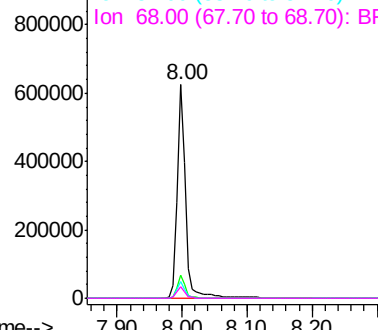
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102445.D
Acq: 26 Jan 2018 1:05

Instrument :
BNA_F
ClientSampleId :
SB-60-9.5-10.0

Tot Ion:	136	Resp:	561032
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.9	6.6	9.8
68	5.4	5.0	7.4

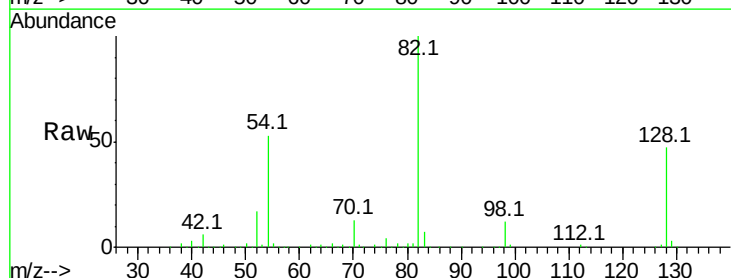


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

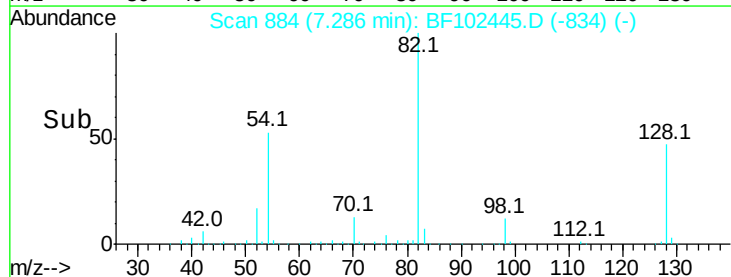
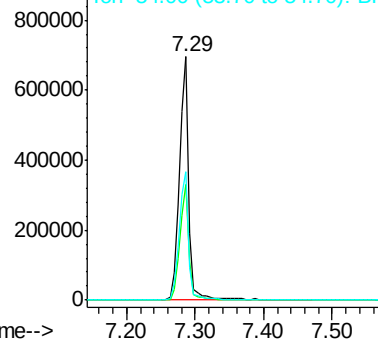


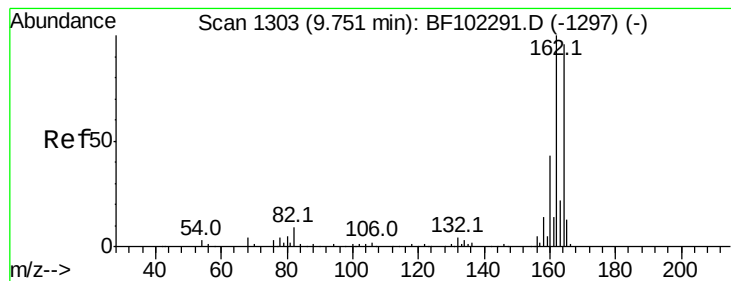
#23
Nitrobenzene-d5
Concen: 70.125 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102445.D
Acq: 26 Jan 2018 1:05

Tgt Ion:	82	Resp:	684608
Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.1	54.1
54	52.6	41.4	62.2



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102445.D

Acq: 26 Jan 2018 1:05

Instrument :

BNA_F

ClientSampleId :

SB-60-9.5-10.0

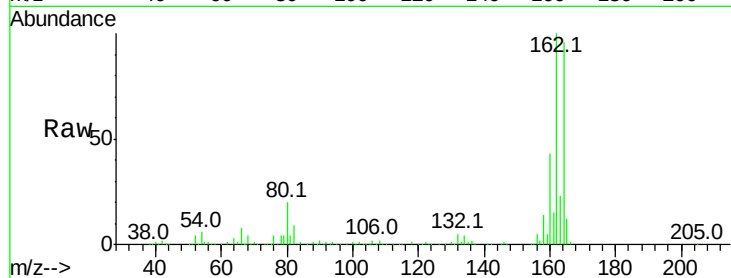
Tot Ion:164 Resp: 227191

Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

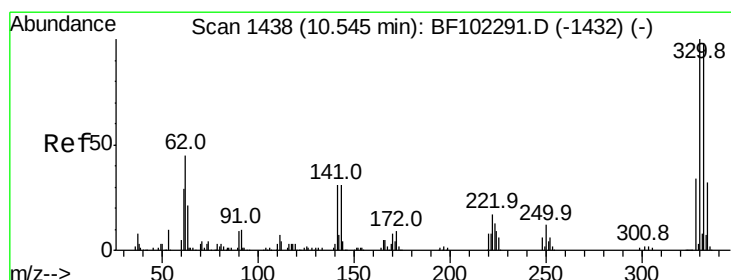
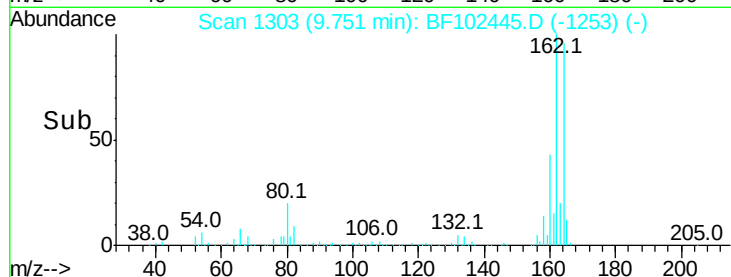
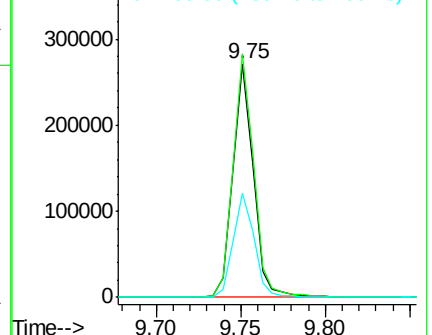
160 44.3 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 73.891 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF102445.D

Acq: 26 Jan 2018 1:05

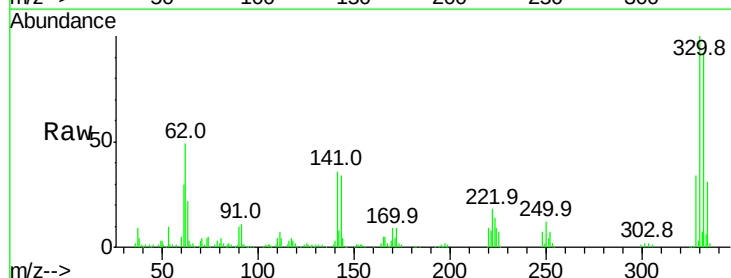
Tgt Ion:330 Resp: 166338

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

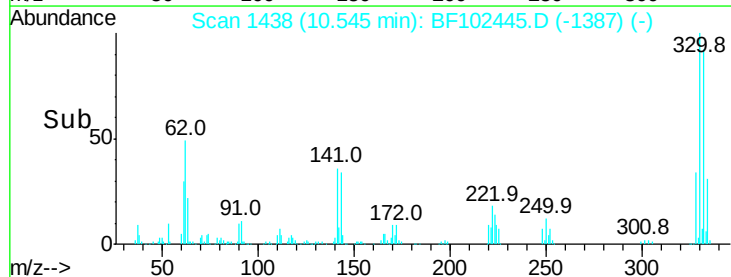
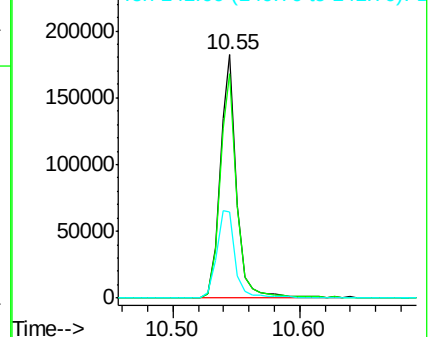
141 41.4 29.9 44.9

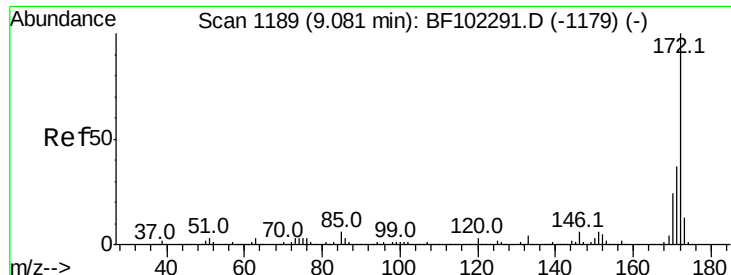


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



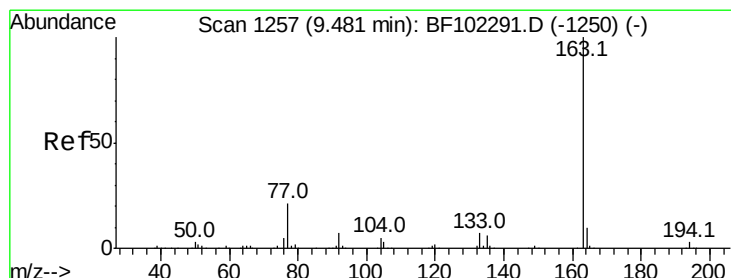
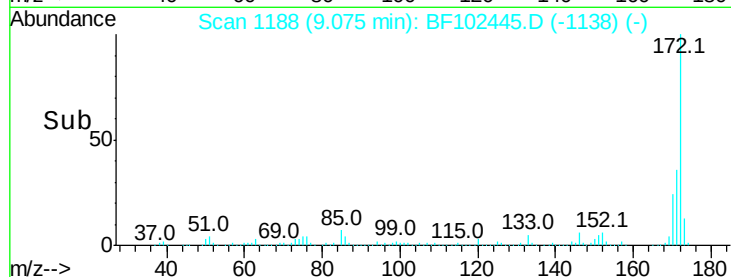
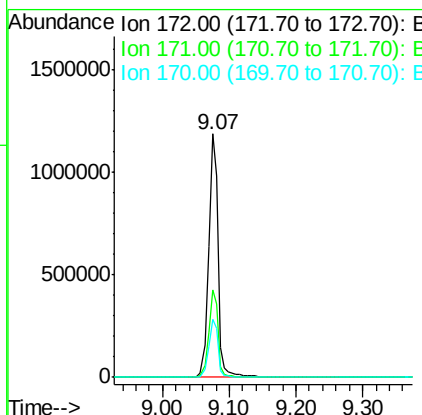
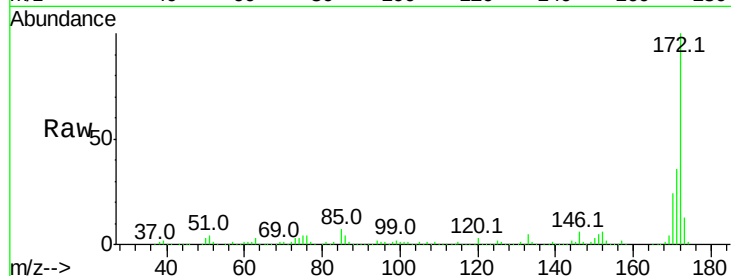


#44
 2-Fluorobiphenyl
 Concen: 76.270 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102445.D
 Acq: 26 Jan 2018 1:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-60-9.5-10.0

Tot Ion:172 Resp: 1178479

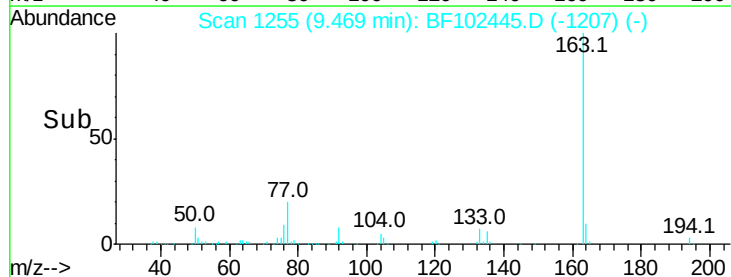
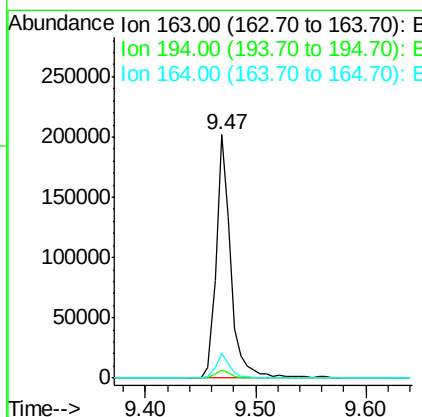
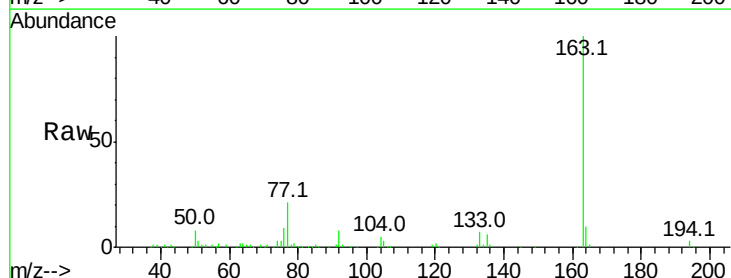
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	19.6	29.4

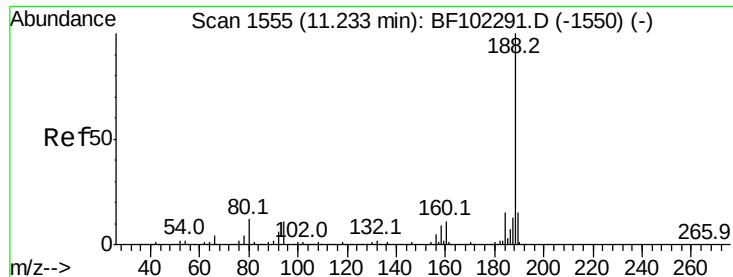


#49
 Dimethylphthalate
 Concen: 9.796 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BF102445.D
 Acq: 26 Jan 2018 1:05

Tgt Ion:163 Resp: 183955

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.3	8.2	12.2

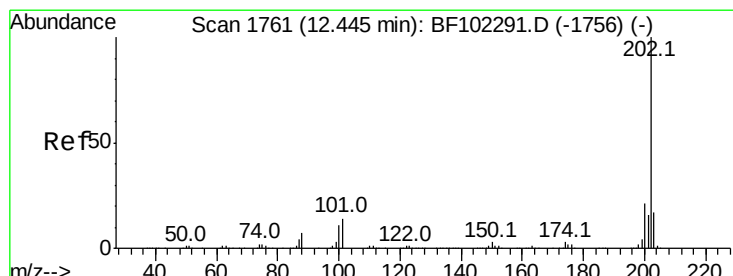
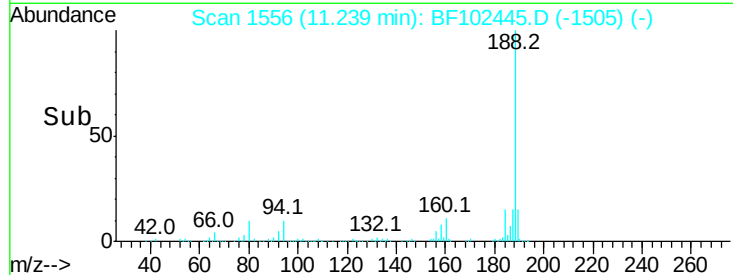
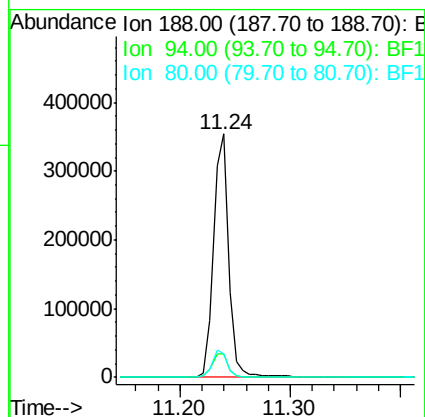
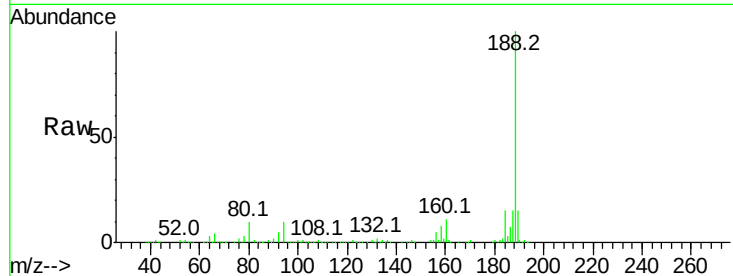




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102445.D
Acq: 26 Jan 2018 1:05

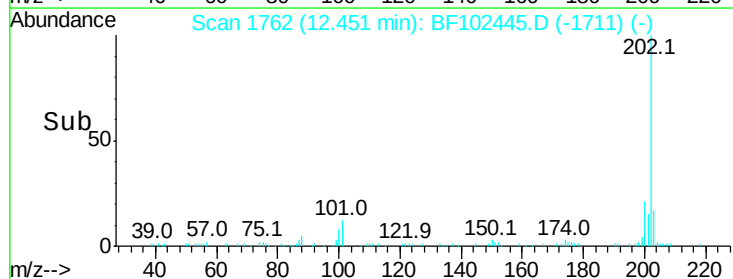
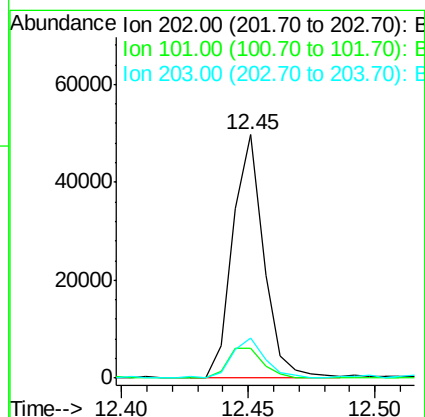
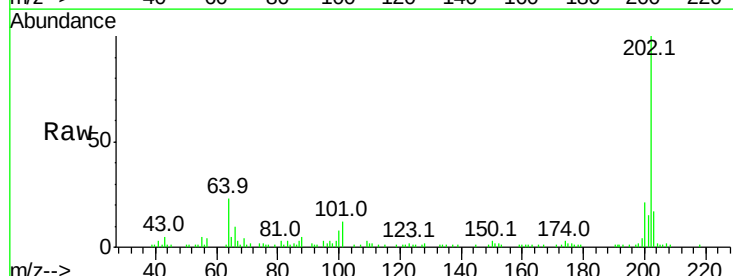
Instrument :
BNA_F
ClientSampleId :
SB-60-9.5-10.0

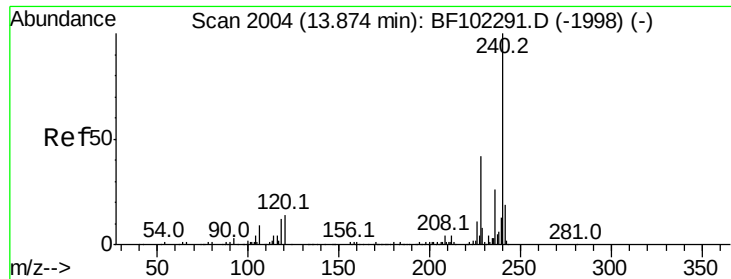
Tot Ion:188 Resp: 329067
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 9.7 9.2 13.8



#74
Fluoranthene
Concen: 2.164 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF102445.D
Acq: 26 Jan 2018 1:05

Tgt Ion:202 Resp: 42318
Ion Ratio Lower Upper
202 100
101 12.5 0.0 34.1
203 16.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102445.D

Acq: 26 Jan 2018 1:05

Instrument :

BNA_F

ClientSampleId :

SB-60-9.5-10.0

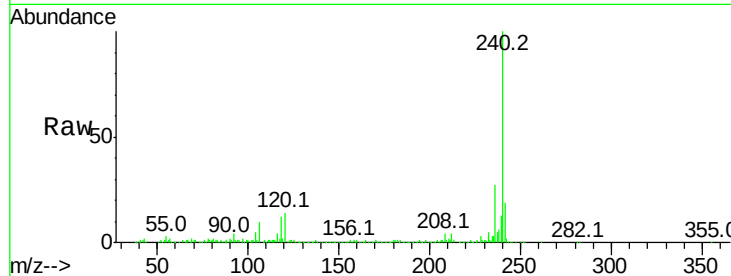
Tot Ion:240 Resp: 263251

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

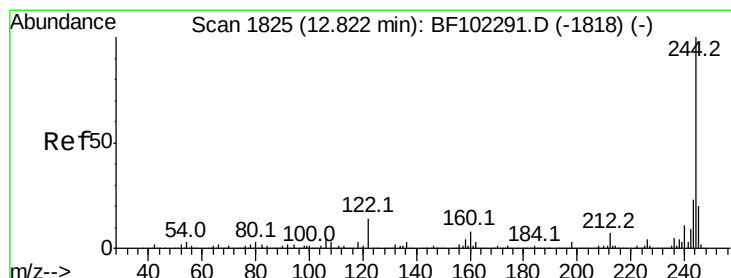
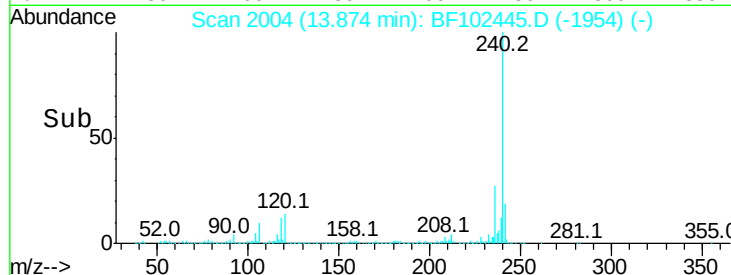
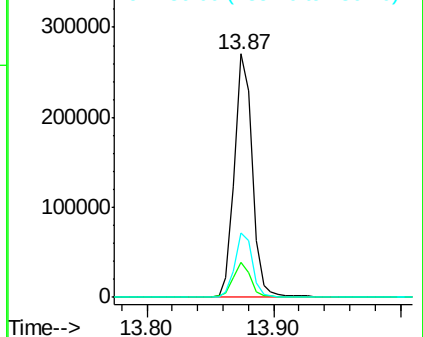
236 26.6 20.7 31.1



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

Terphenyl-d14

Concen: 69.772 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102445.D

Acq: 26 Jan 2018 1:05

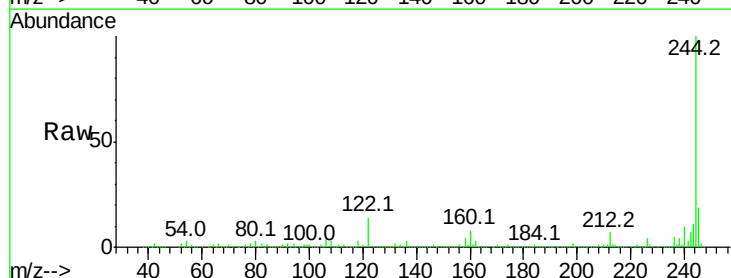
Tgt Ion:244 Resp: 814756

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

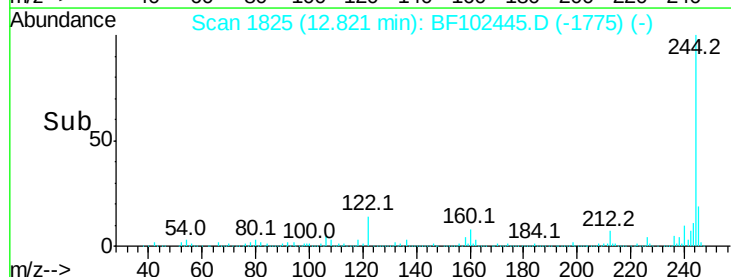
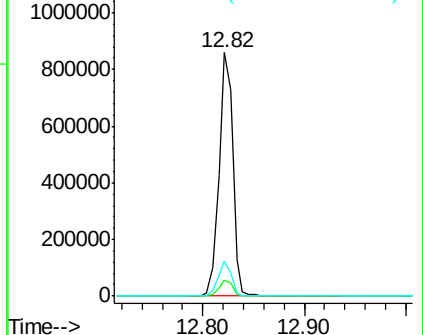
122 14.3 11.0 16.4

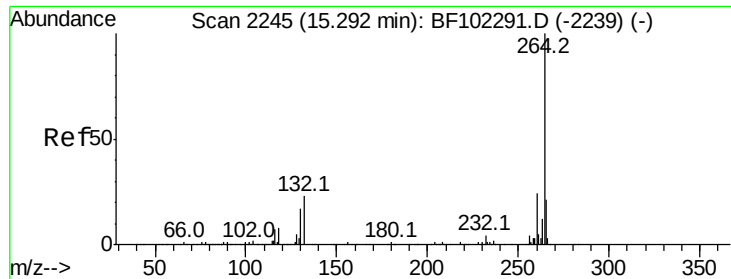


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF102445.D
Acq: 26 Jan 2018 1:05

Instrument :
BNA_F
ClientSampleId :
SB-60-9.5-10.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.4	17.5	26.3

