

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102455.D
 Acq On : 26 Jan 2018 5:32
 Operator : SJ/JU
 Sample : J1289-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-53-13.5-14.0

Quant Time: Jan 26 07:12:19 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

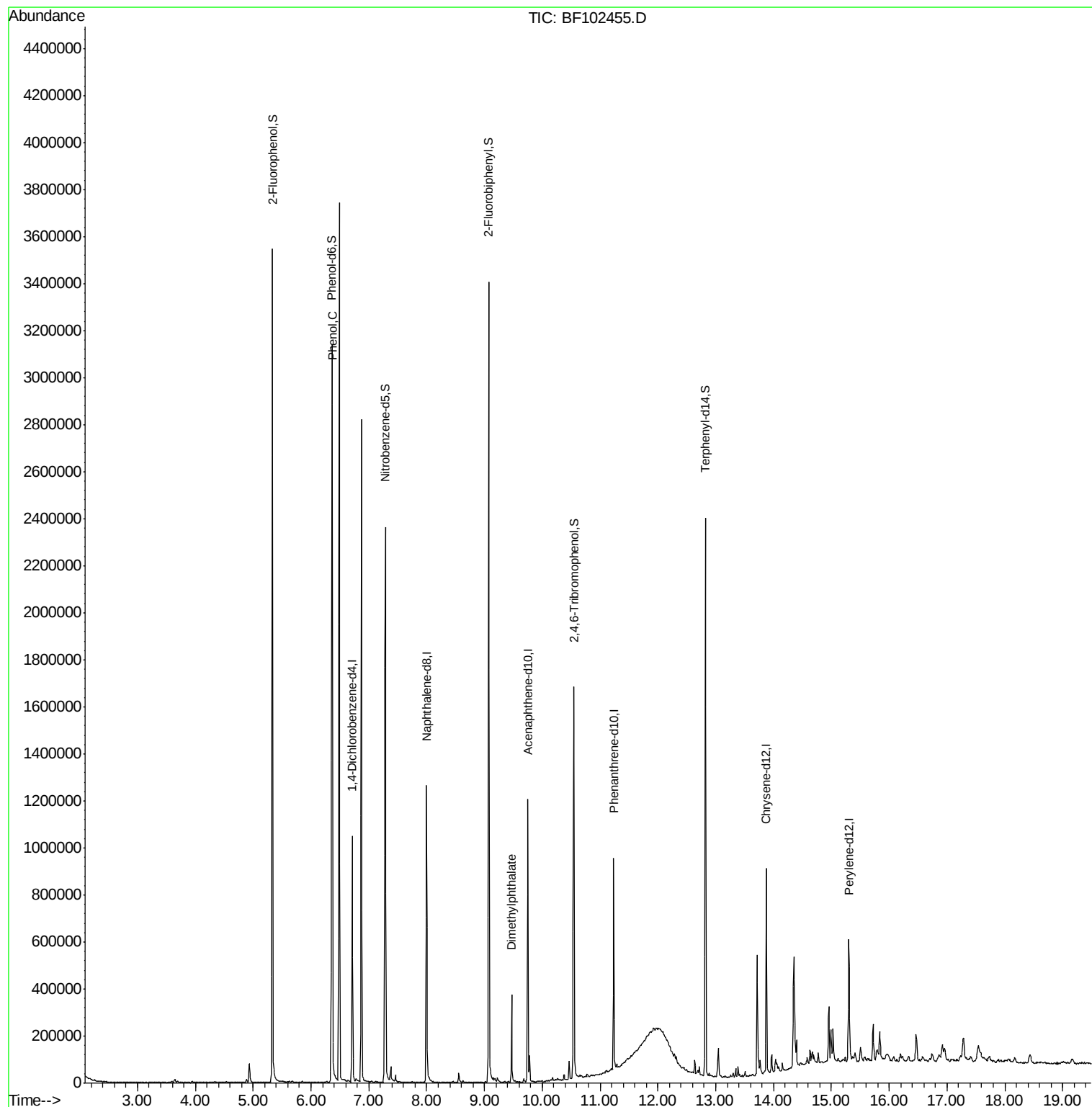
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144604	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	568733	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	224210	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	334438	20.00	ng	0.00
75) Chrysene-d12	13.87	240	288431	20.00	ng	0.00
86) Perylene-d12	15.30	264	228021	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1135413	119.05	ng	0.01
7) Phenol-d6	6.36	99	1353239	117.70	ng	0.00
23) Nitrobenzene-d5	7.29	82	791969	80.02	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	198099	89.17	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1081033	70.89	ng	0.00
78) Terphenyl-d14	12.82	244	786988	61.51	ng	0.00
Target Compounds						
10) Phenol	6.37	94	59272	4.722	ng	95
49) Dimethylphthalate	9.47	163	149461	8.065	ng	100

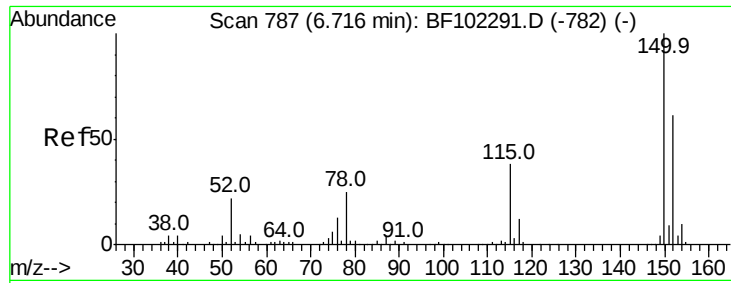
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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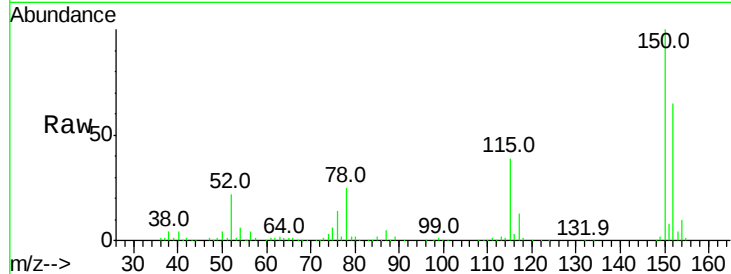


#1

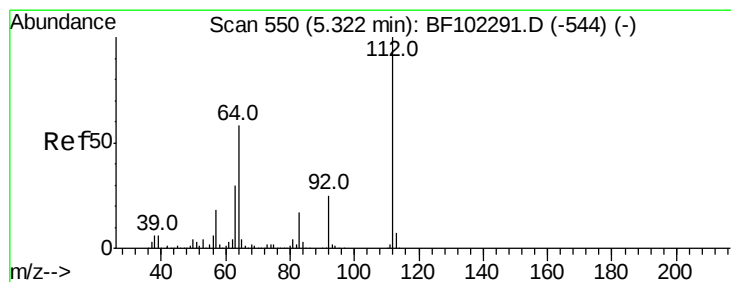
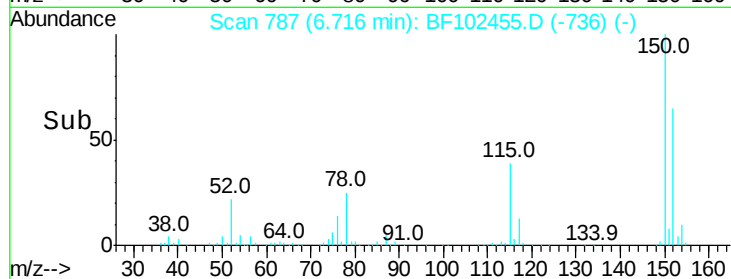
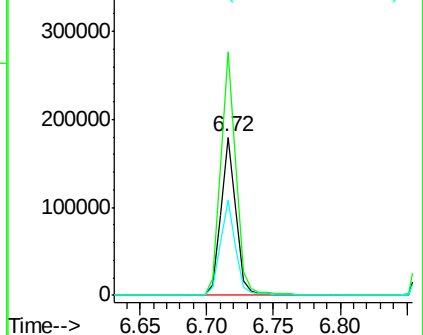
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102455.D
Acq: 26 Jan 2018 5:32

Instrument :
BNA_F
ClientSampleId :
SB-53-13.5-14.0

Tot Ion:152 Resp: 144604
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 60.2 50.1 75.1



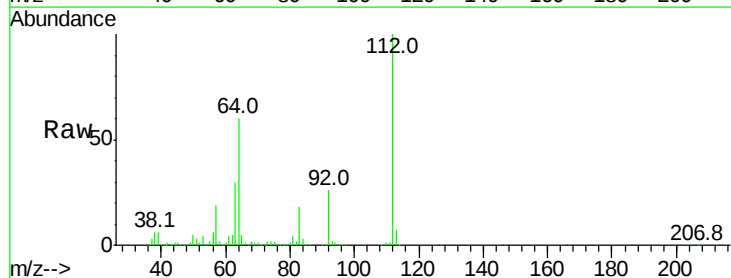
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



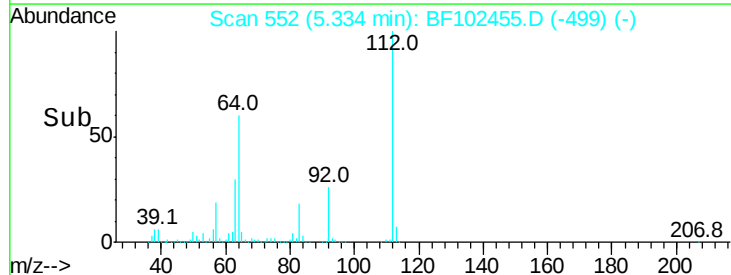
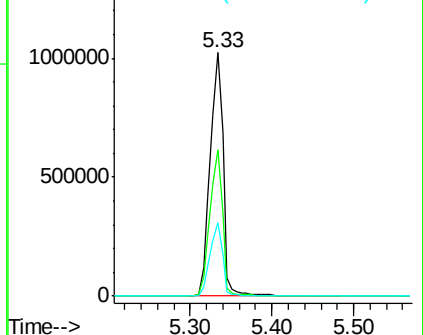
#5

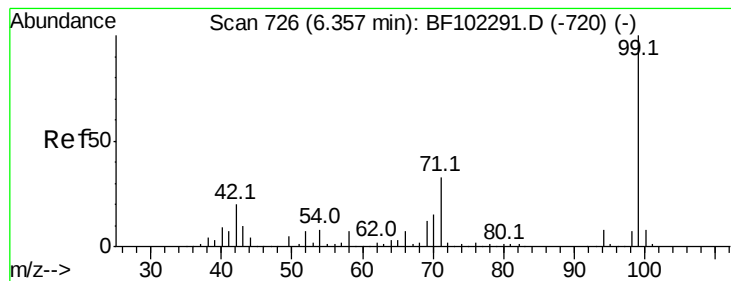
2-Fluorophenol
Concen: 119.055 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102455.D
Acq: 26 Jan 2018 5:32

Tgt Ion:112 Resp: 1135413
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.3 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: 117.698 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102455.D

Acq: 26 Jan 2018 5:32

Instrument :

BNA_F

ClientSampleId :

SB-53-13.5-14.0

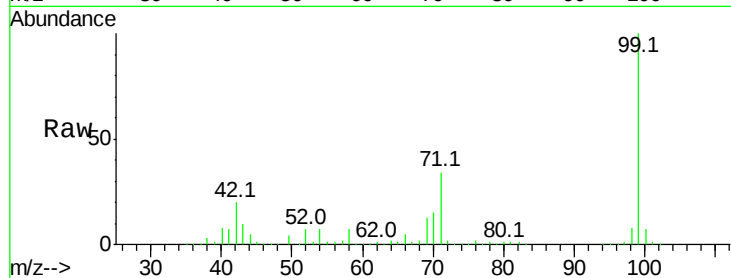
Tot Ion: 99 Resp: 1353239

Ion Ratio Lower Upper

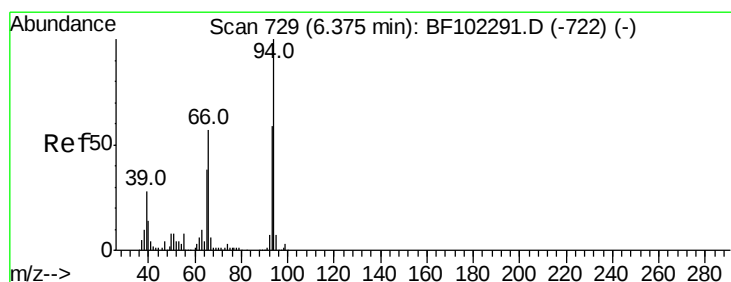
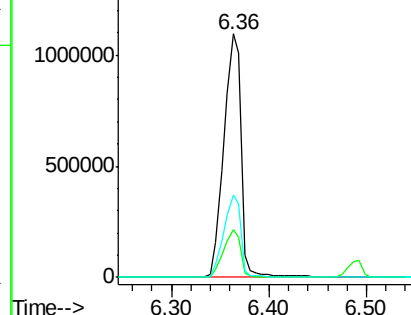
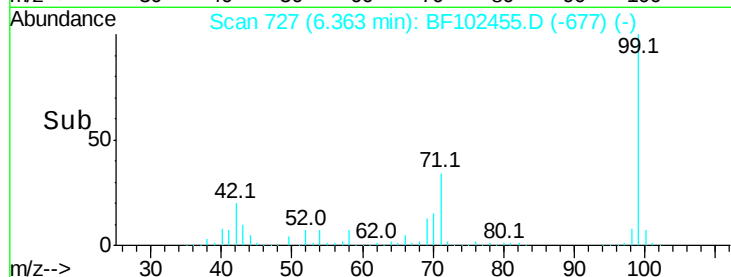
99 100

42 19.7 14.5 21.7

71 34.0 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: 4.722 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102455.D

Acq: 26 Jan 2018 5:32

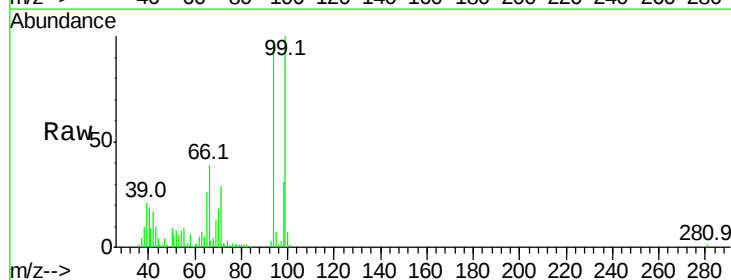
Tgt Ion: 94 Resp: 59272

Ion Ratio Lower Upper

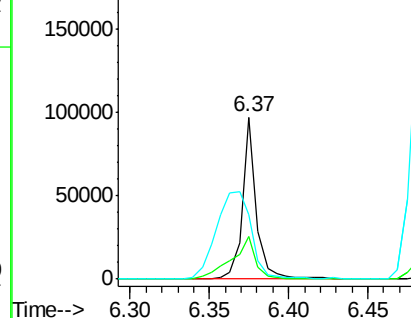
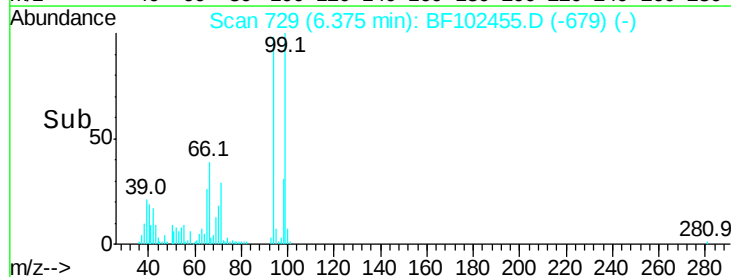
94 100

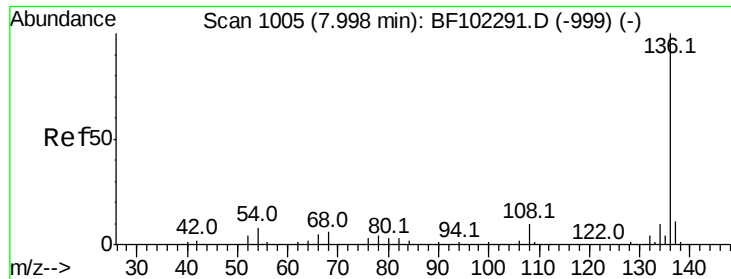
65 26.3 7.9 47.9

66 39.6 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

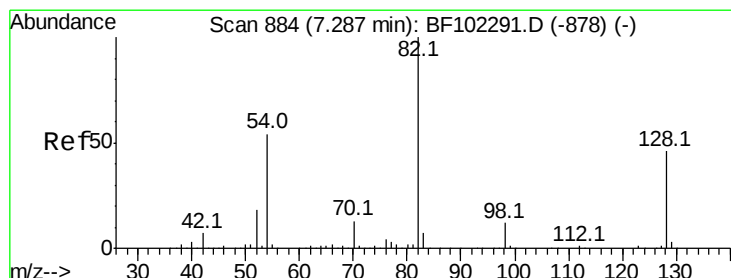
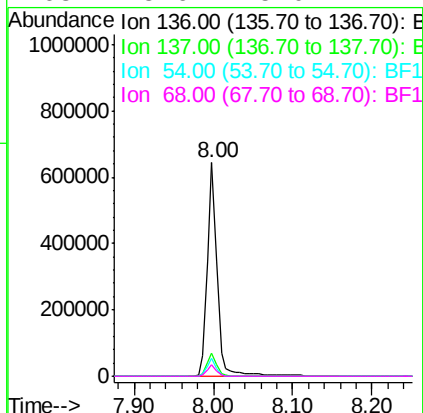
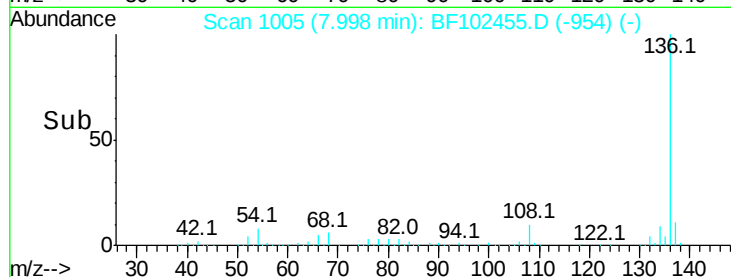
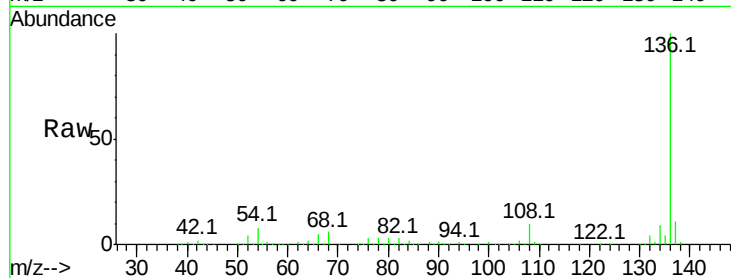




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102455.D
Acq: 26 Jan 2018 5:32

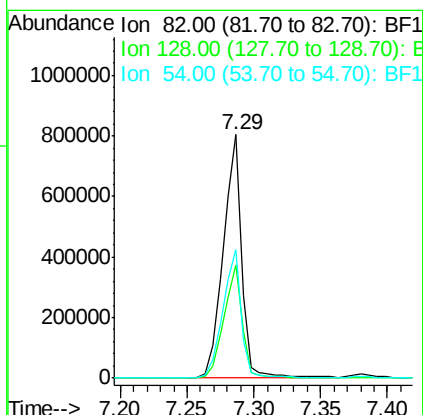
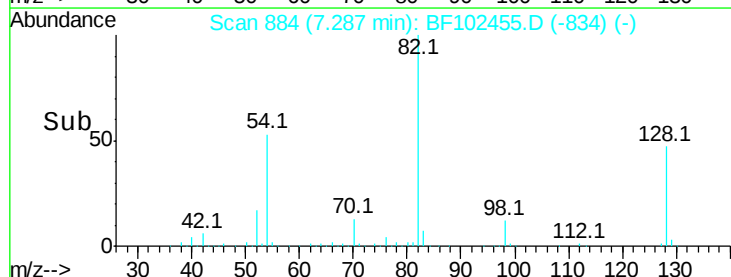
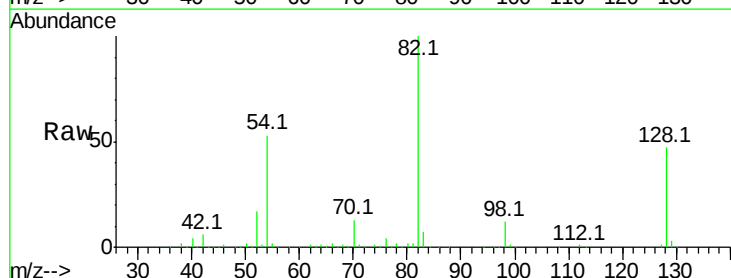
Instrument :
BNA_F
ClientSampleId :
SB-53-13.5-14.0

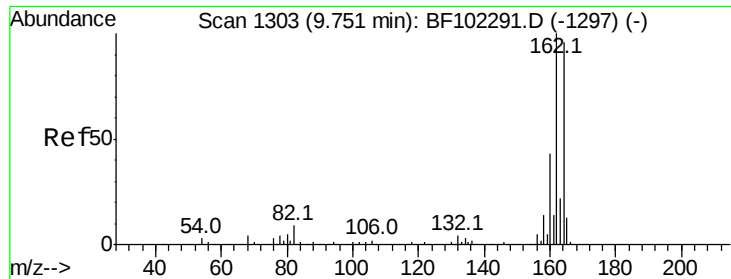
Tot Ion:	136	Resp:	568733
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.2	6.6	9.8
68	5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 80.023 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102455.D
Acq: 26 Jan 2018 5:32

Tgt Ion:	82	Resp:	791969
Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	53.0	41.4	62.2

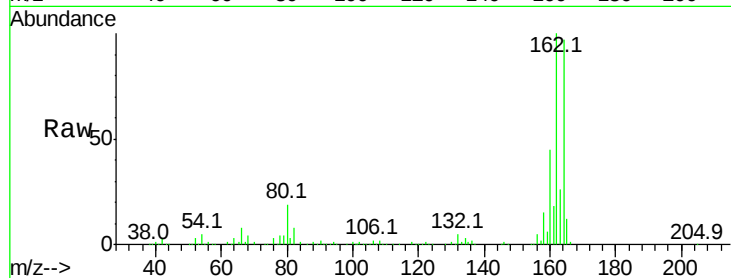




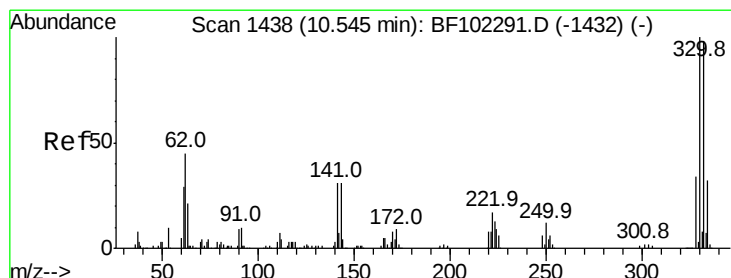
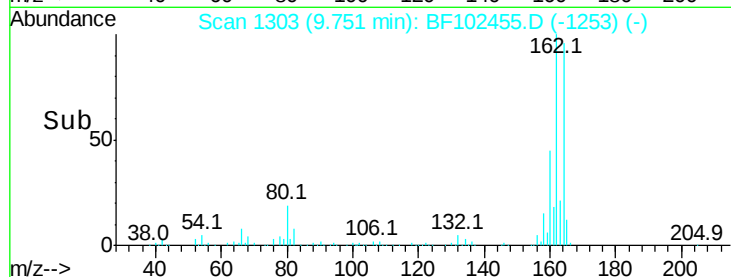
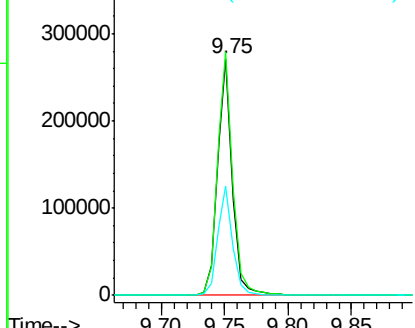
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102455.D
 Acq: 26 Jan 2018 5:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-53-13.5-14.0

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	46.5	38.3	57.5

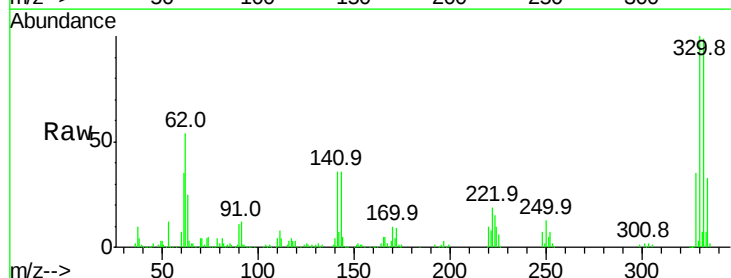


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

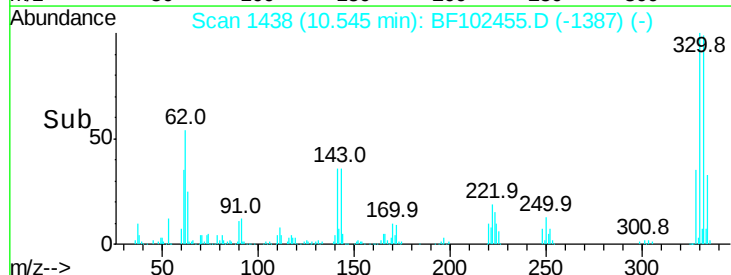
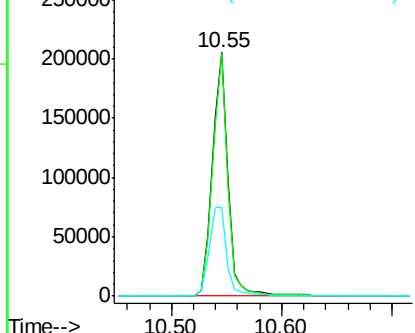


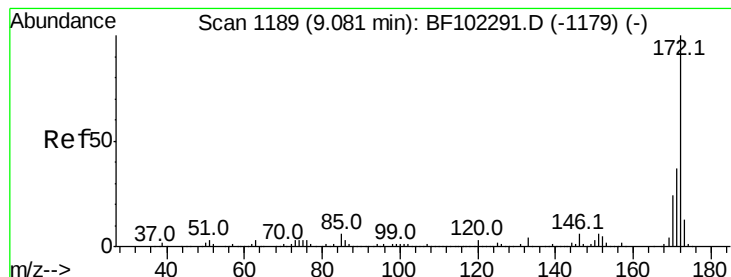
#41
 2,4,6-Tribromophenol
 Concen: 89.170 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102455.D
 Acq: 26 Jan 2018 5:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	40.3	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: 70.893 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF102455.D

Acq: 26 Jan 2018 5:32

Instrument :

BNA_F

ClientSampleId :

SB-53-13.5-14.0

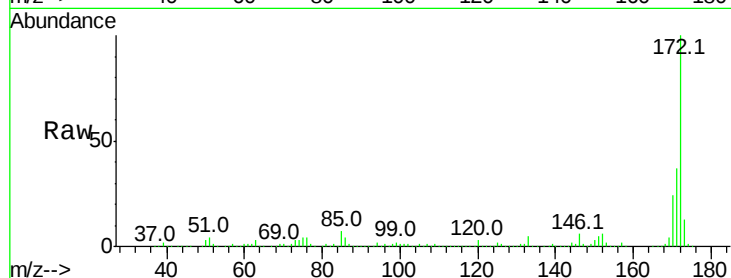
Tot Ion:172 Resp: 1081033

Ion Ratio Lower Upper

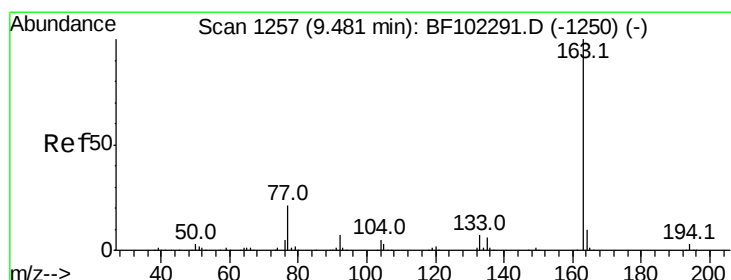
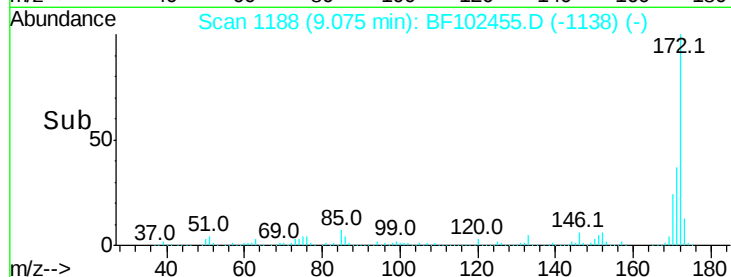
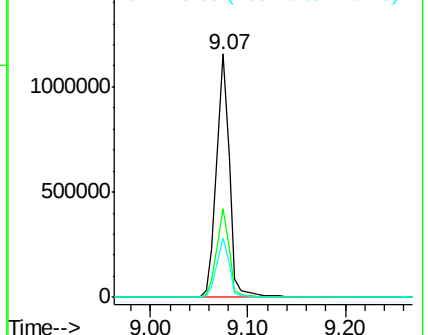
172 100

171 36.7 29.7 44.5

170 24.3 19.6 29.4



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



#49

Dimethylphthalate

Concen: 8.065 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF102455.D

Acq: 26 Jan 2018 5:32

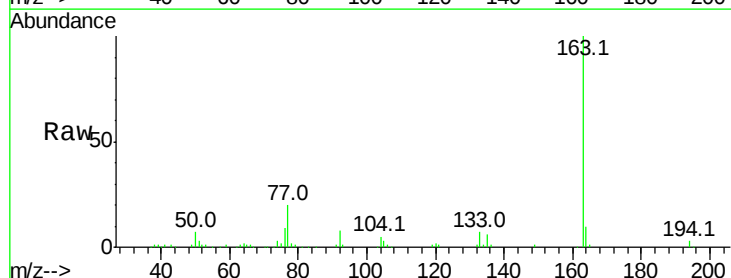
Tgt Ion:163 Resp: 149461

Ion Ratio Lower Upper

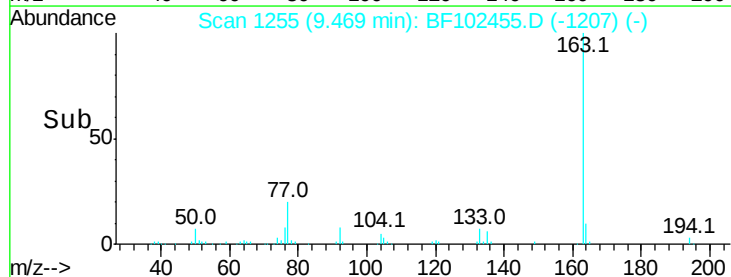
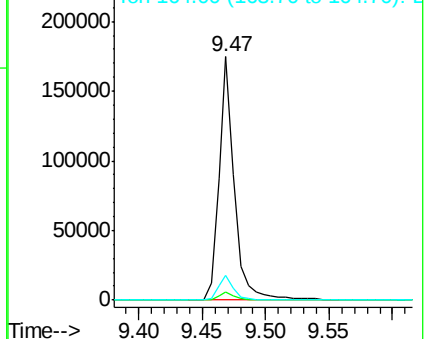
163 100

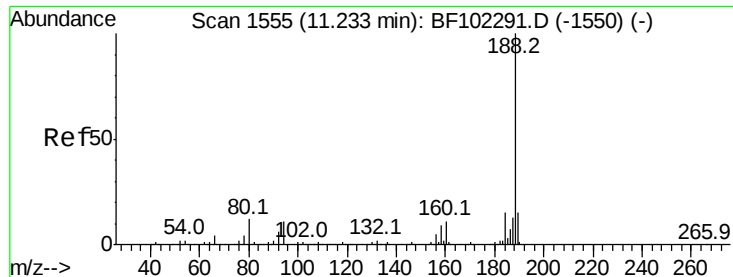
194 3.5 2.7 4.1

164 10.3 8.2 12.2



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

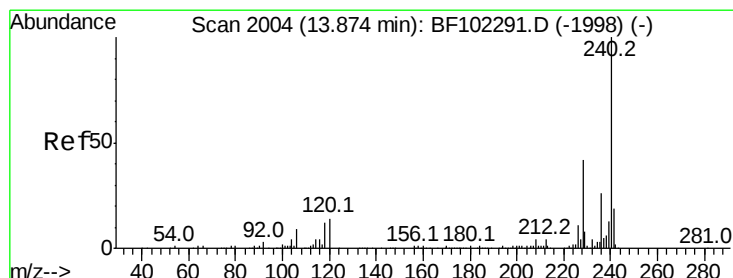
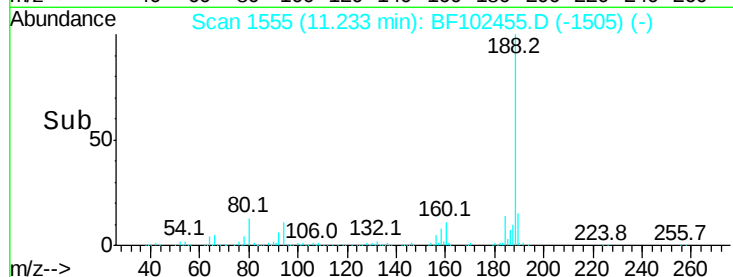
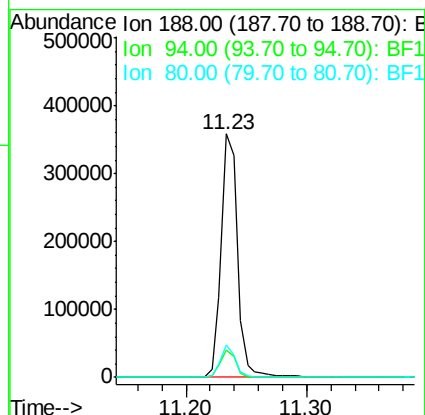
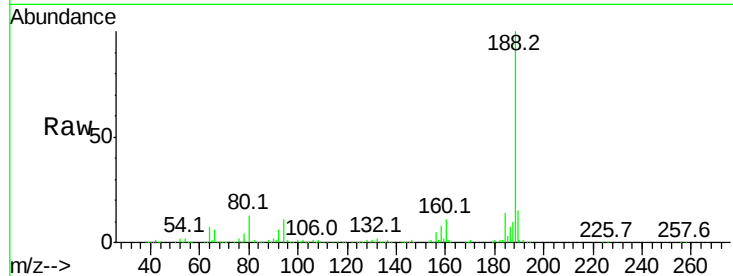




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102455.D
Acq: 26 Jan 2018 5:32

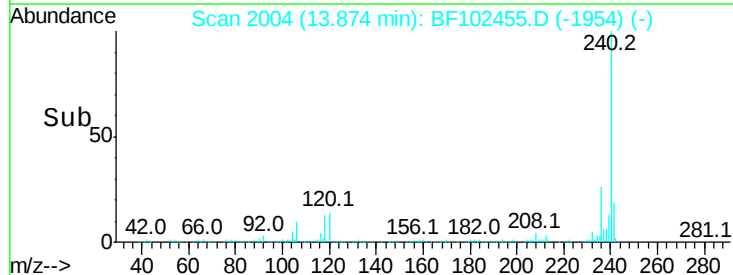
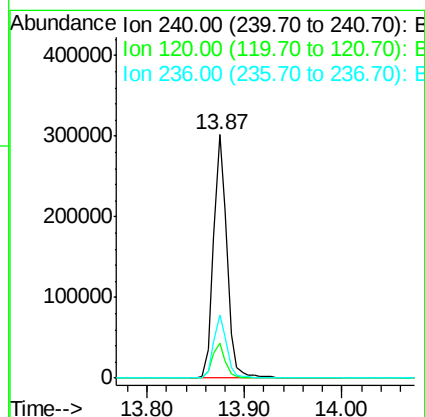
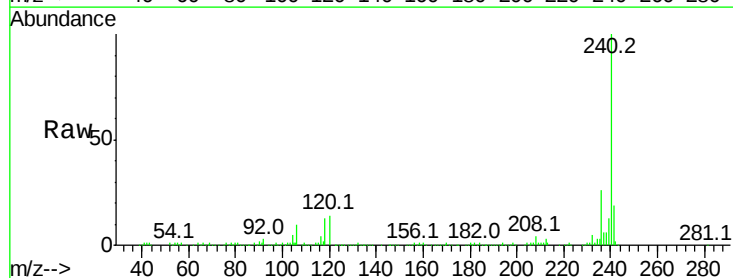
Instrument :
BNA_F
ClientSampleId :
SB-53-13.5-14.0

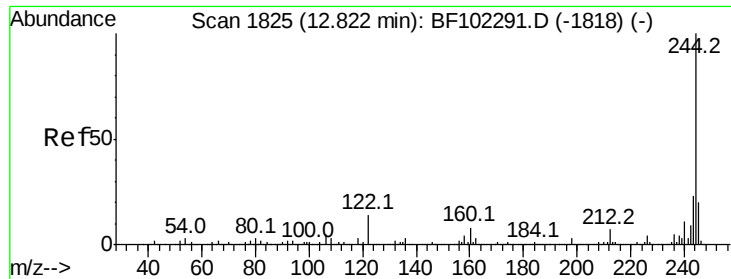
Tot Ion:188 Resp: 334438
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 13.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102455.D
Acq: 26 Jan 2018 5:32

Tgt Ion:240 Resp: 288431
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 26.1 20.7 31.1





#78

Terphenyl-d14

Concen: 61.511 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102455.D

Acq: 26 Jan 2018 5:32

Instrument :

BNA_F

ClientSampleId :

SB-53-13.5-14.0

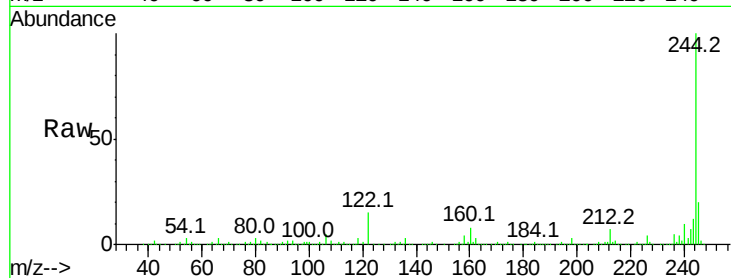
Tot Ion:244 Resp: 786988

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

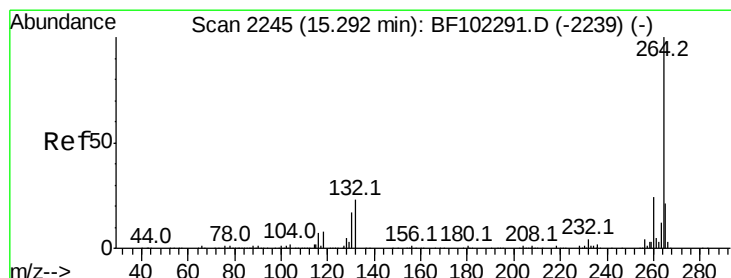
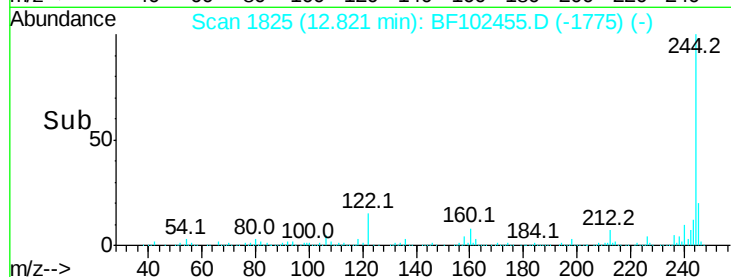
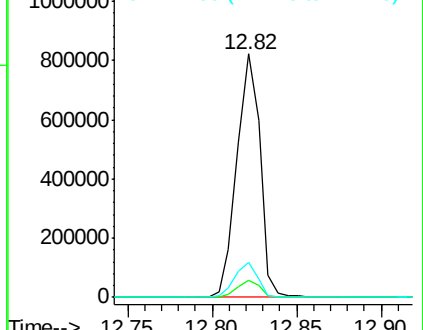
122 14.5 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2247

Delta R.T. 0.01 min

Lab File: BF102455.D

Acq: 26 Jan 2018 5:32

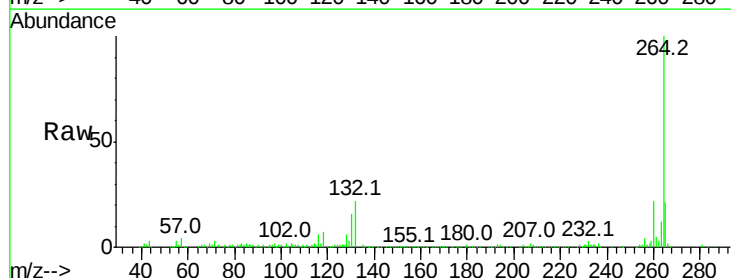
Tgt Ion:264 Resp: 228021

Ion Ratio Lower Upper

264 100

260 22.3 19.2 28.8

265 20.6 17.5 26.3



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

