

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103290.D
 Acq On : 28 Feb 2018 4:14
 Operator : SJ/JU
 Sample : J1683-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW11-GW

Quant Time: Feb 28 05:56:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

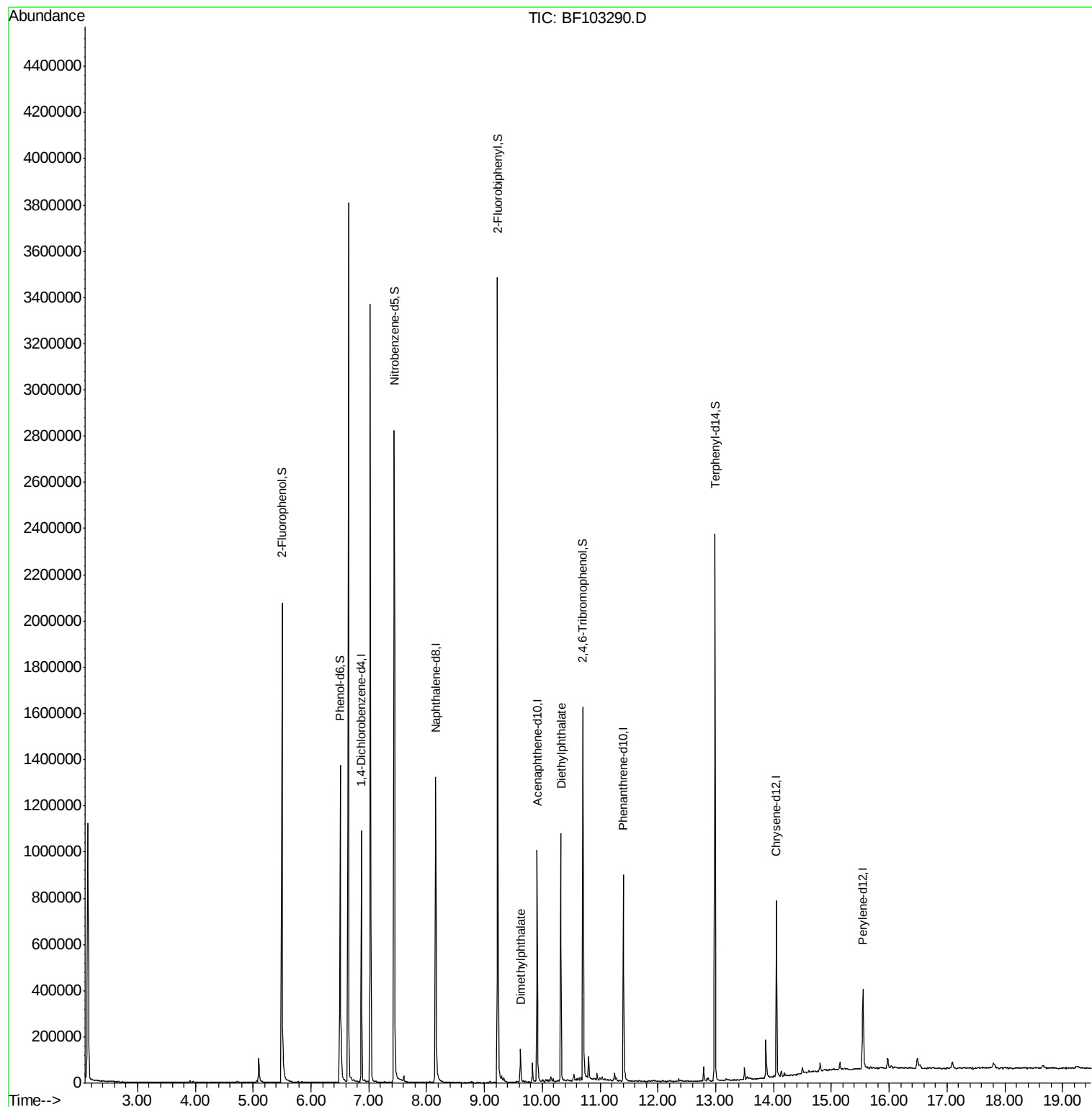
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	158121	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	632131	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	217601	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	320309	20.00	ng	0.00
75) Chrysene-d12	14.05	240	254375	20.00	ng	0.00
86) Perylene-d12	15.55	264	175555	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	629087	60.17	ng	0.00
7) Phenol-d6	6.50	99	470529	36.78	ng	0.00
23) Nitrobenzene-d5	7.44	82	1007034	90.98	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	188086	102.12	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1252907	104.78	ng	0.00
78) Terphenyl-d14	12.99	244	871253	82.33	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	60041	3.440	ng	100
59) Diethylphthalate	10.32	149	329193	19.717	ng	99

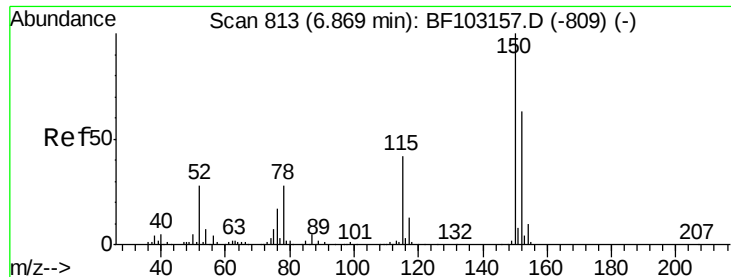
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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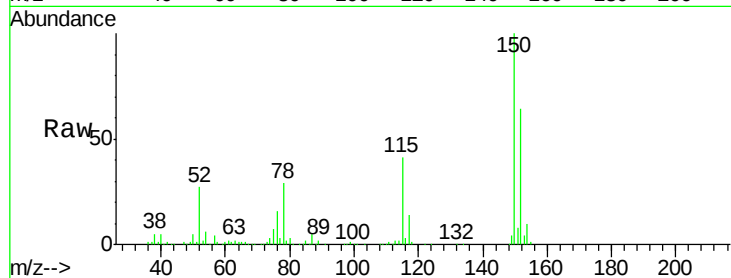


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103290.D
Acq: 28 Feb 2018 4:14

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW11-GW

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	64.3	50.1	75.1

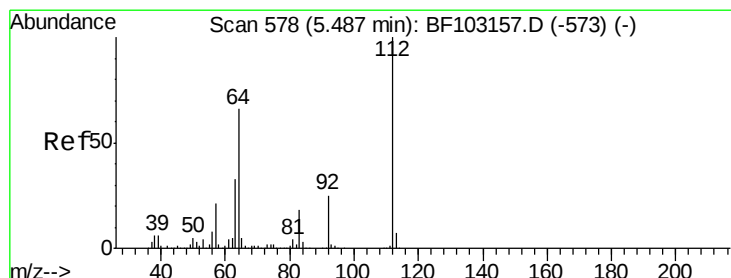
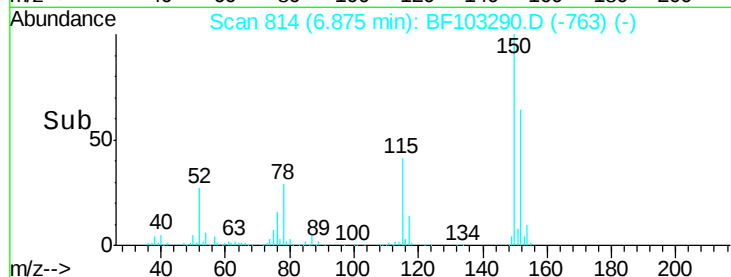
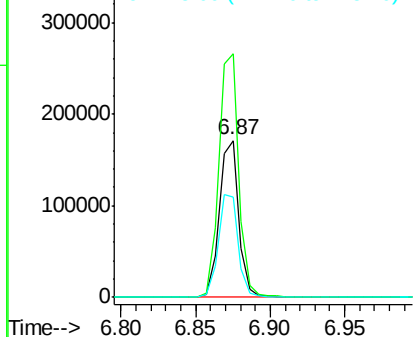


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

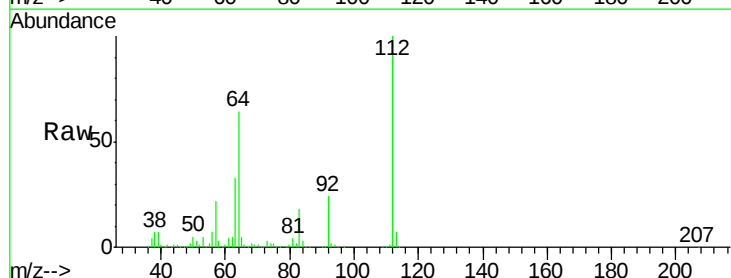
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 60.172 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103290.D
Acq: 28 Feb 2018 4:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	47.9	71.9
63	33.4	23.7	35.5

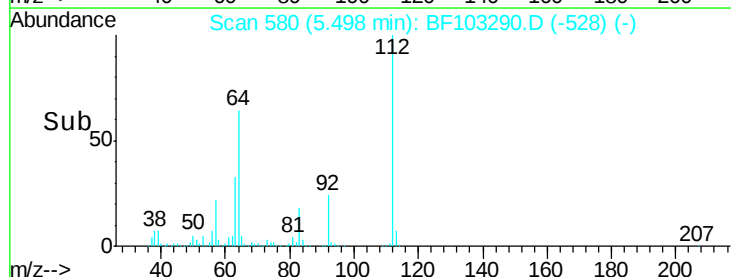
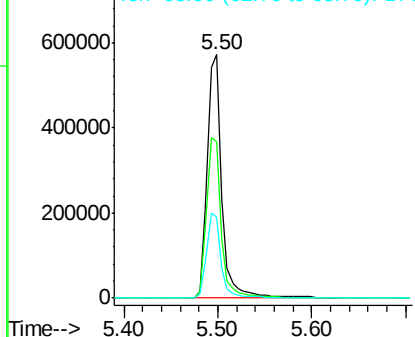


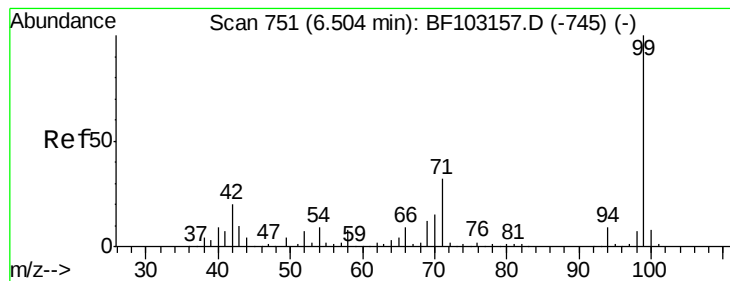
Abundance

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: 36.780 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103290.D

Acq: 28 Feb 2018 4:14

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW11-GW

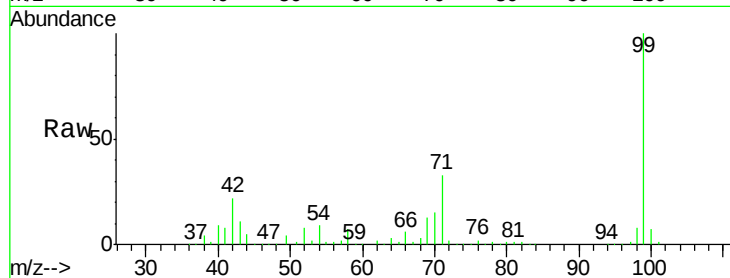
Tot Ion: 99 Resp: 470529

Ion Ratio Lower Upper

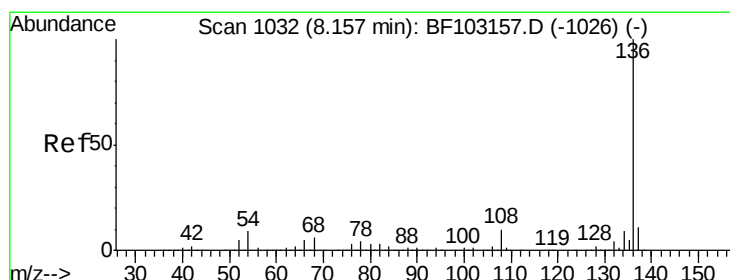
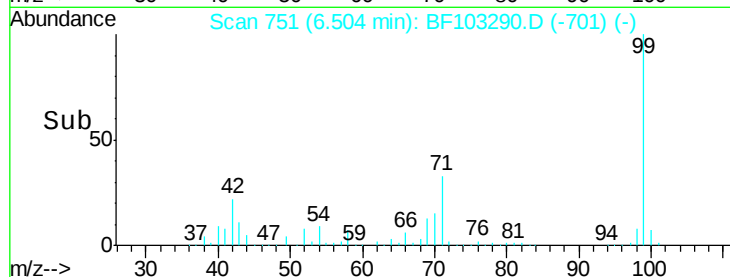
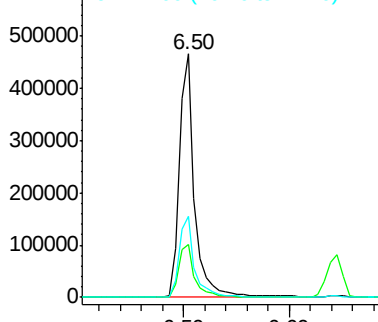
99 100

42 21.9 14.5 21.7#

71 33.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103290.D

Acq: 28 Feb 2018 4:14

Tgt Ion: 136 Resp: 632131

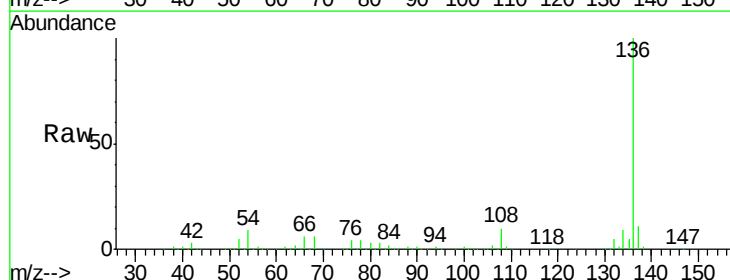
Ion Ratio Lower Upper

136 100

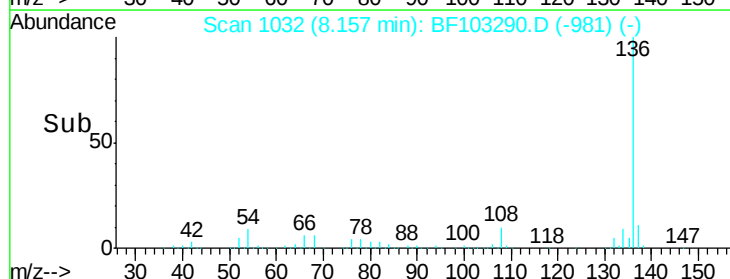
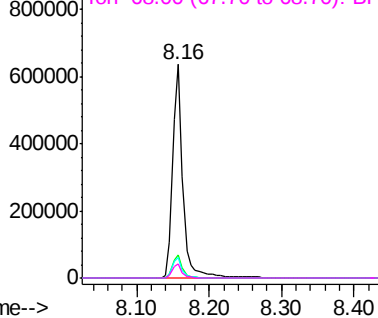
137 11.0 8.9 13.3

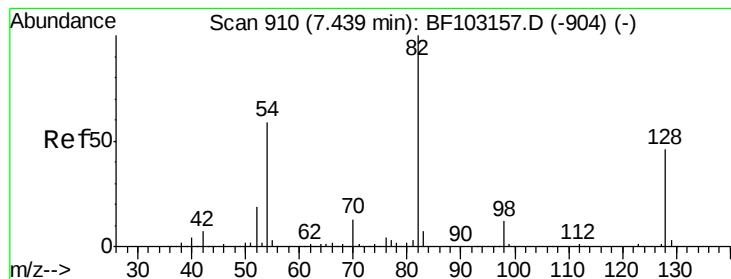
54 9.3 6.6 9.8

68 6.3 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: 90.978 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103290.D

Acq: 28 Feb 2018 4:14

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW11-GW

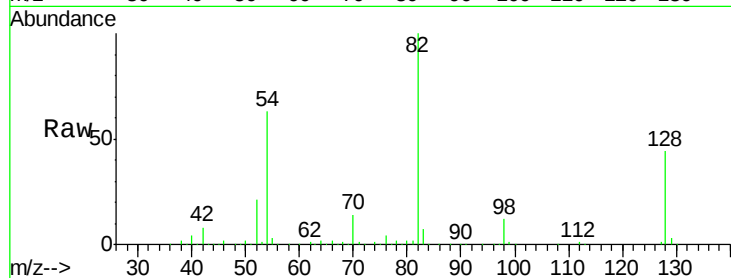
Tot Ion: 82 Resp: 1007034

Ion Ratio Lower Upper

82 100

128 43.7 36.1 54.1

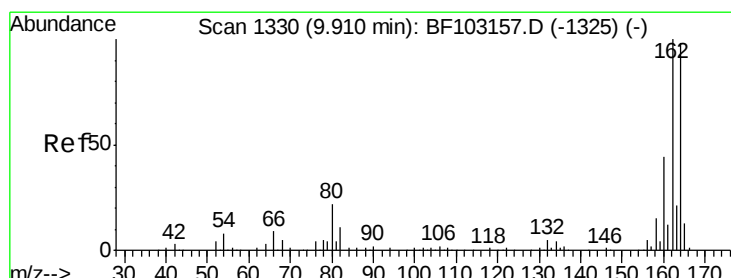
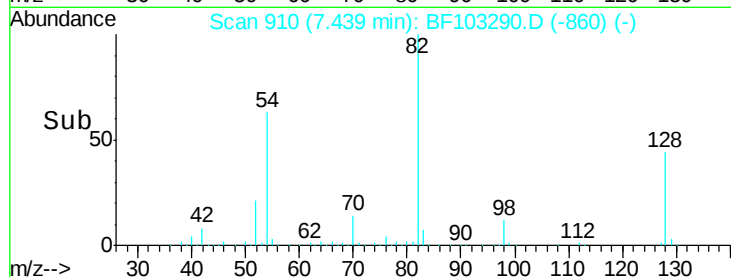
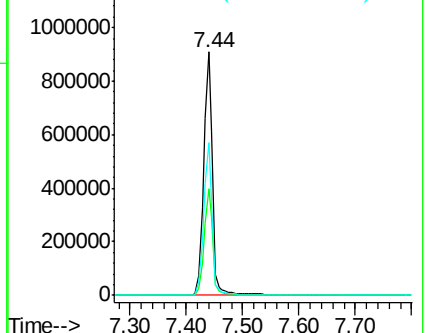
54 62.8 41.4 62.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF103290.D

Acq: 28 Feb 2018 4:14

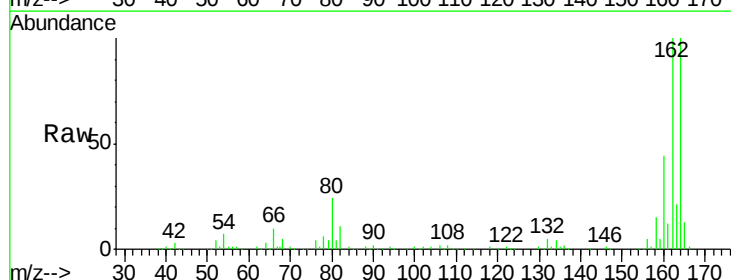
Tgt Ion:164 Resp: 217601

Ion Ratio Lower Upper

164 100

162 100.0 86.1 129.1

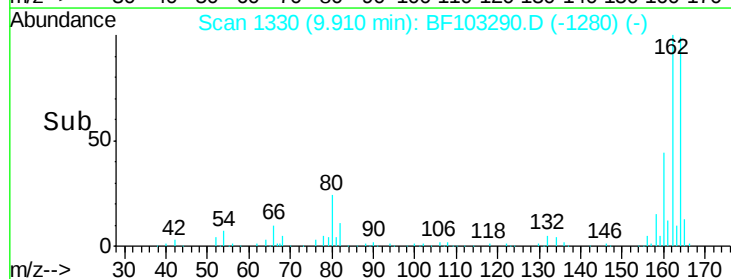
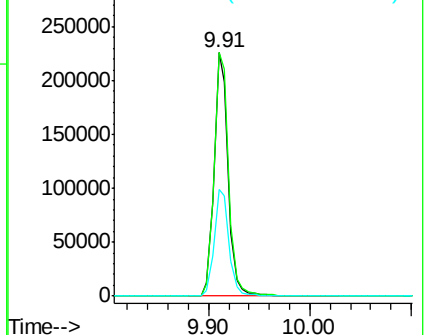
160 44.0 38.3 57.5

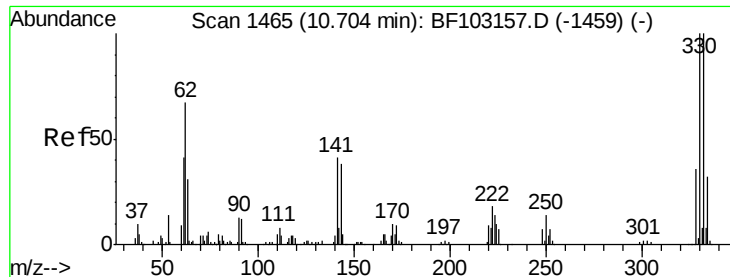


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

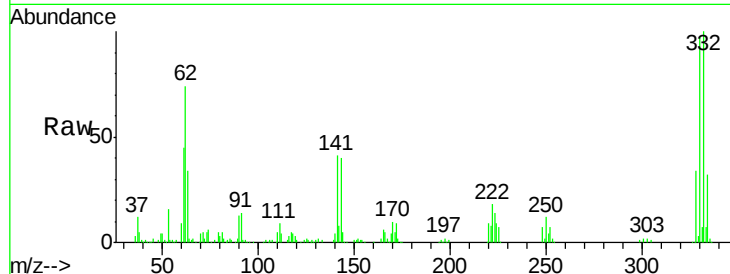




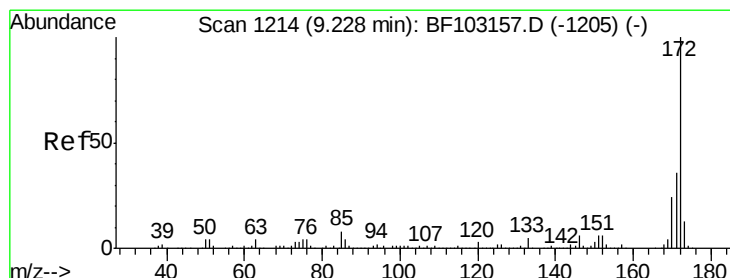
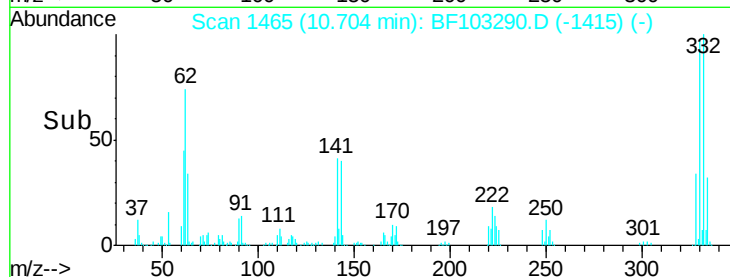
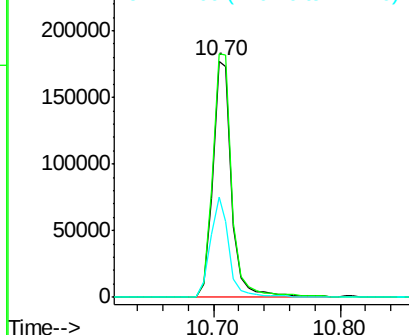
#41
 2,4,6-Tribromophenol
 Concen: 102.117 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103290.D
 Acq: 28 Feb 2018 4:14

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW11-GW

Tot Ion	Ratio	Lower	Upper
330	100		
332	105.3	77.0	115.6
141	41.8	29.9	44.9

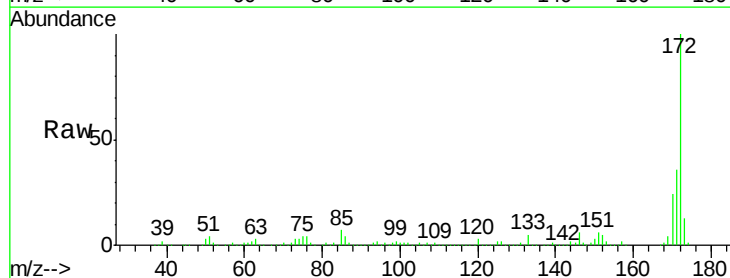


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

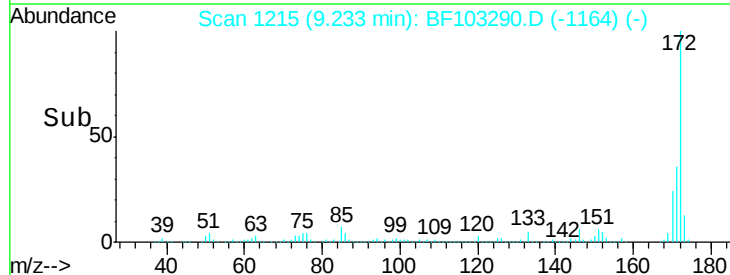
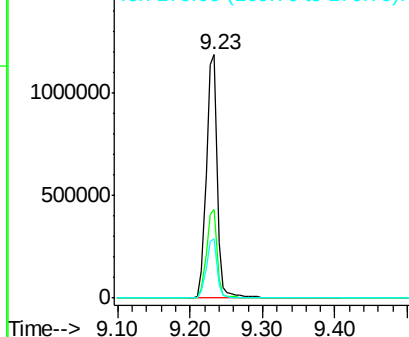


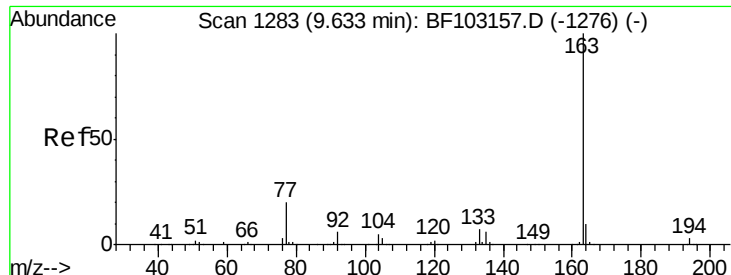
#44
 2-Fluorobiphenyl
 Concen: 104.778 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103290.D
 Acq: 28 Feb 2018 4:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	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

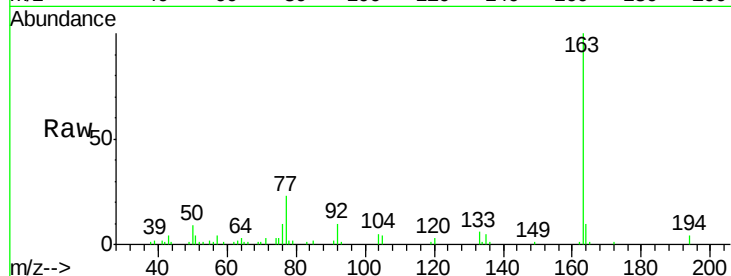




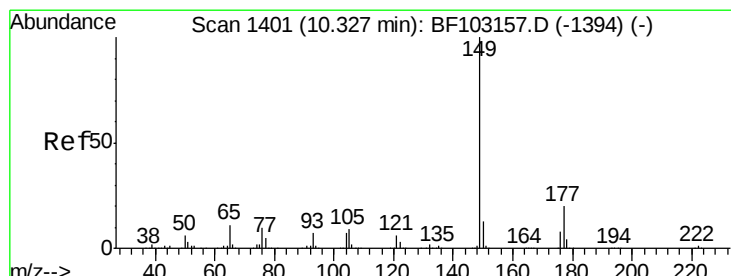
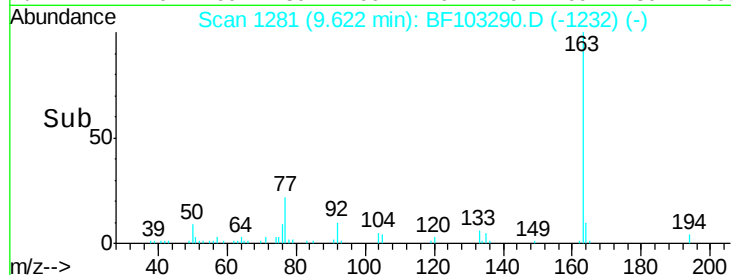
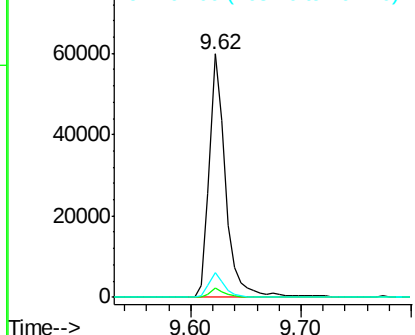
#49
Dimethylphthalate
Concen: 3.440 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103290.D
Acq: 28 Feb 2018 4:14

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW11-GW

Tot Ion:163 Resp: 60041
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.3 8.2 12.2

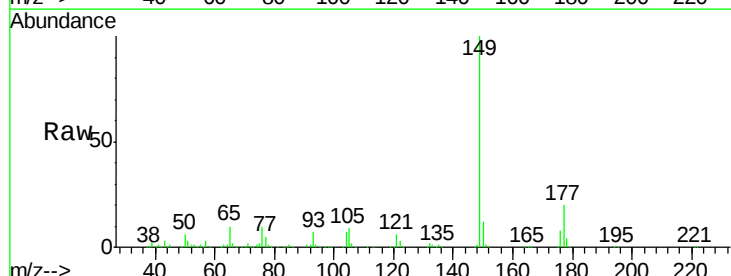


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

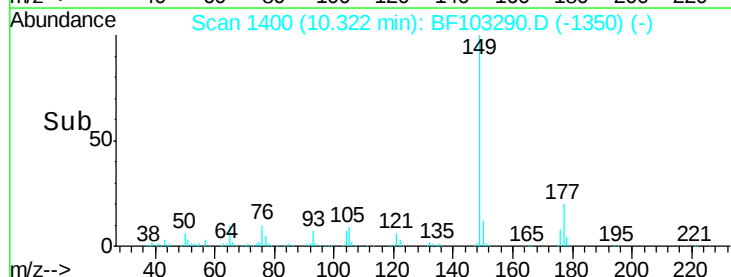
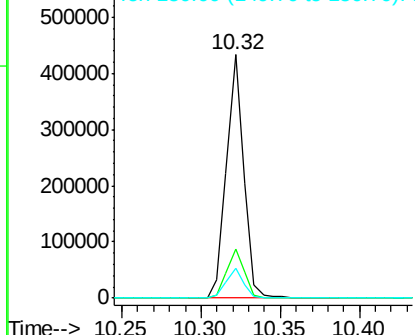


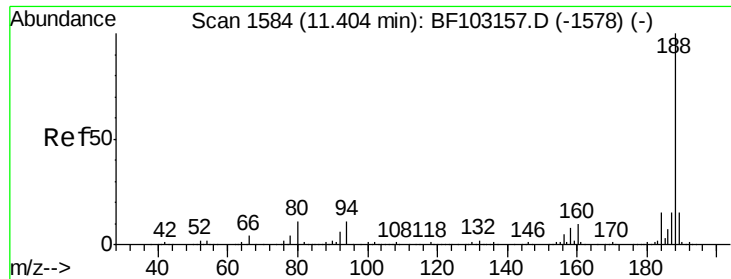
#59
Diethylphthalate
Concen: 19.717 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103290.D
Acq: 28 Feb 2018 4:14

Tgt Ion:149 Resp: 329193
Ion Ratio Lower Upper
149 100
177 19.9 16.1 24.1
150 12.2 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

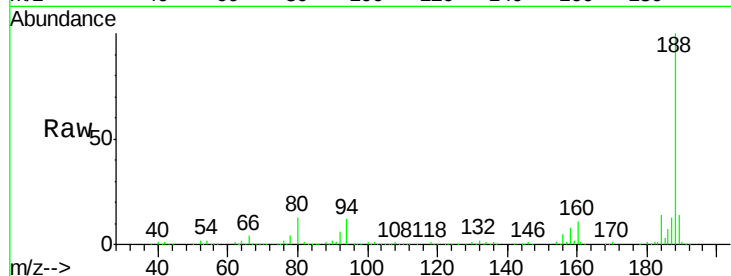




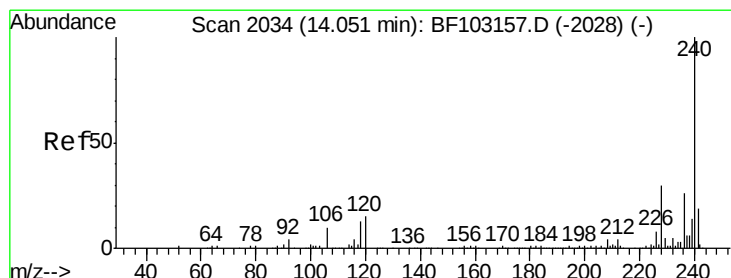
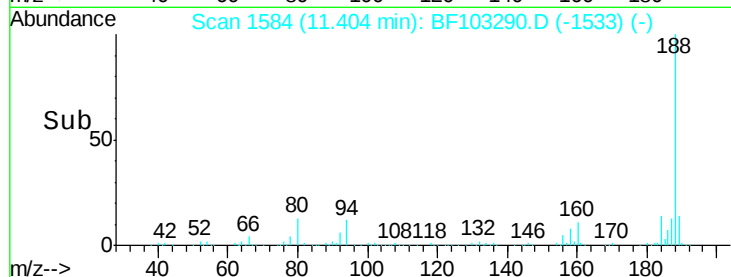
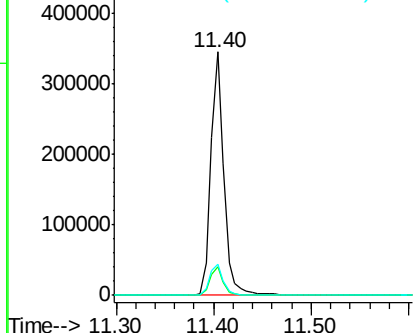
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103290.D
Acq: 28 Feb 2018 4:14

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW11-GW

Tot Ion:188 Resp: 320309
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.7 9.2 13.8

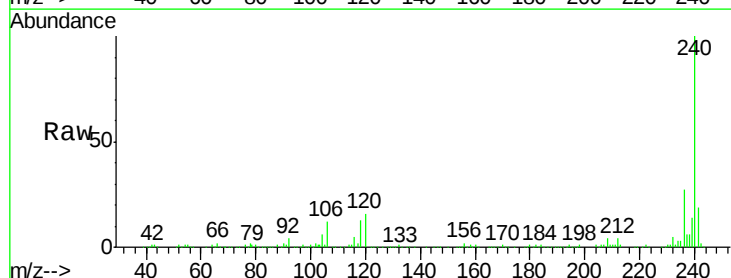


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

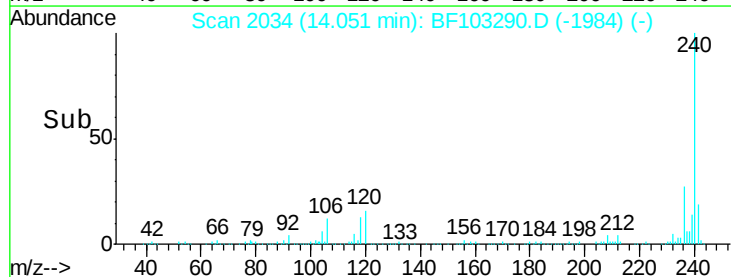
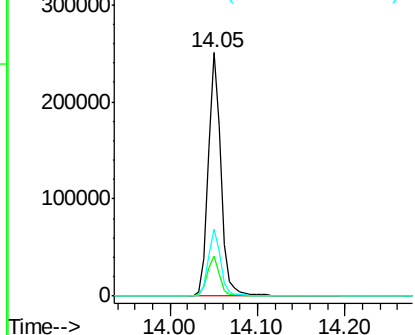


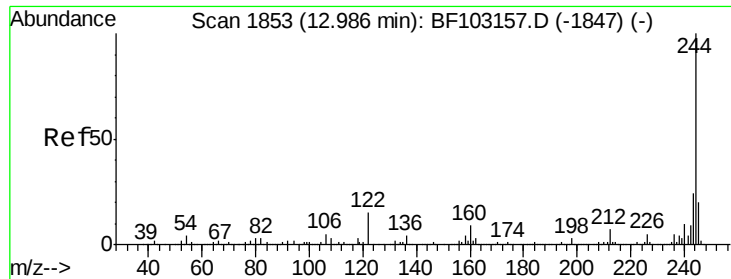
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103290.D
Acq: 28 Feb 2018 4:14

Tgt Ion:240 Resp: 254375
Ion Ratio Lower Upper
240 100
120 16.2 9.5 14.3#
236 27.4 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: 82.334 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103290.D

Acq: 28 Feb 2018 4:14

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW11-GW

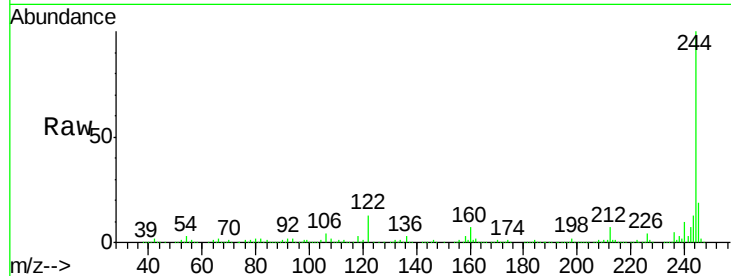
Tot Ion:244 Resp: 871253

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

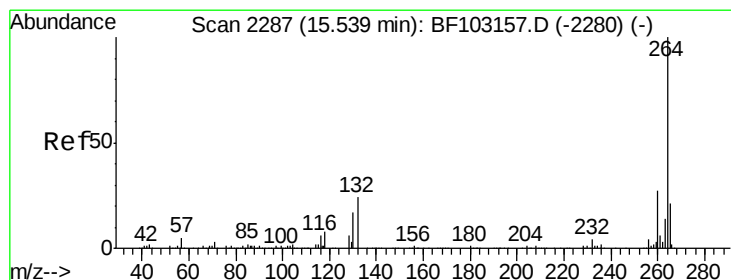
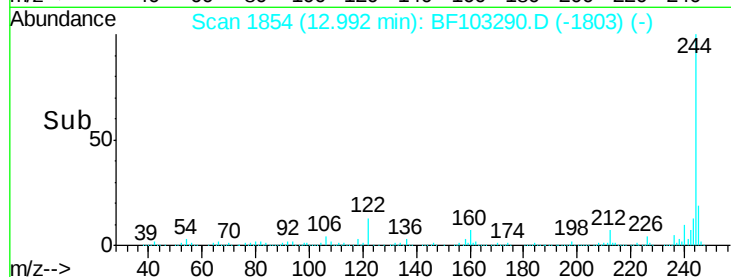
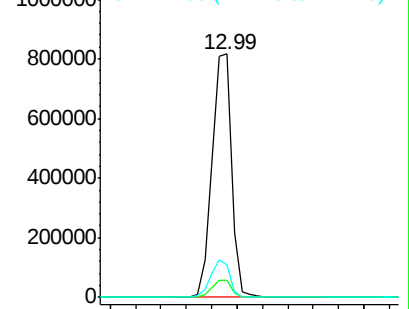
122 13.3 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BF103290.D

Acq: 28 Feb 2018 4:14

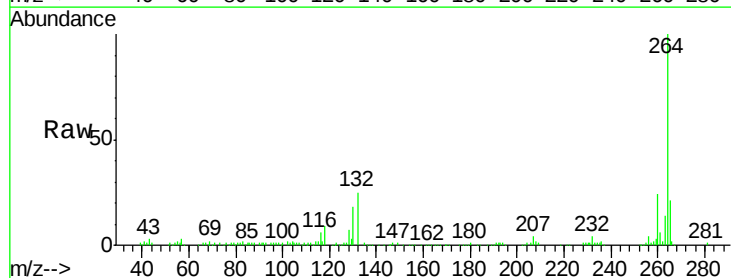
Tgt Ion:264 Resp: 175555

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.1 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

