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 Data File : BF103088.D
 Acq On : 19 Feb 2018 17:51
 Operator : SJ/JU
 Sample : J1392-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021618

Quant Time: Feb 20 00:46:13 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

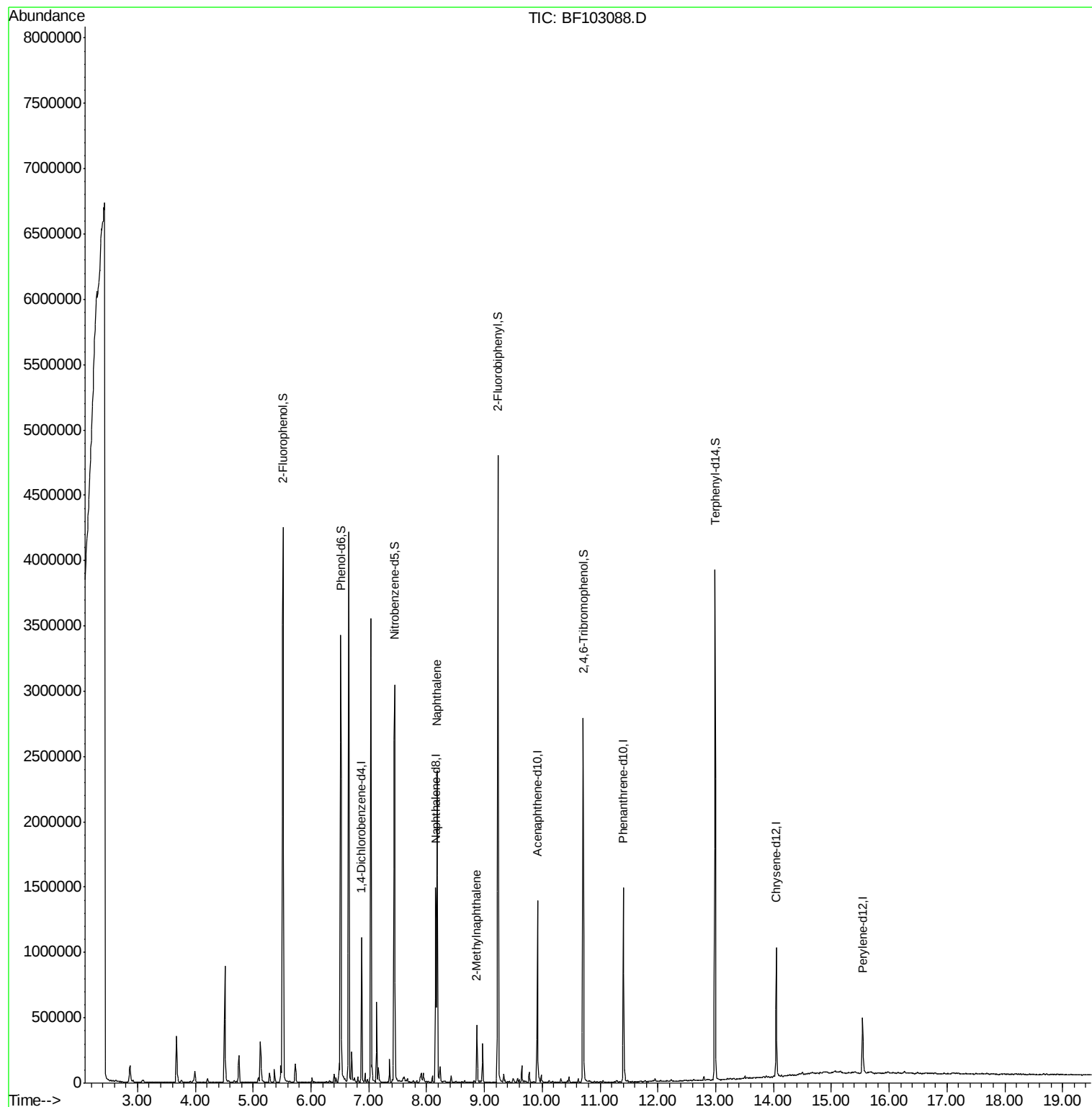
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	165232	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	688289	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	257227	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	525535	20.00	ng	0.00
75) Chrysene-d12	14.04	240	316063	20.00	ng	-0.01
86) Perylene-d12	15.54	264	152758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1265708	116.33	ng	0.02
7) Phenol-d6	6.52	99	1304409	99.57	ng	0.00
23) Nitrobenzene-d5	7.45	82	1055294	106.36	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	360142	173.95	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1657201	106.90	ng	0.00
78) Terphenyl-d14	12.99	244	1467469	109.93	ng	0.00
Target Compounds						
31) Naphthalene	8.18	128	1007232	29.952	ng	99
37) 2-Methylnaphthalene	8.87	142	120516	5.474	ng	98

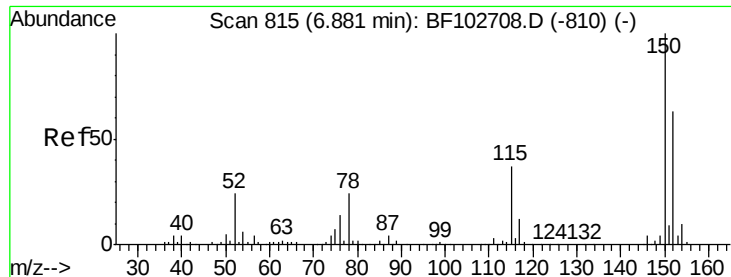
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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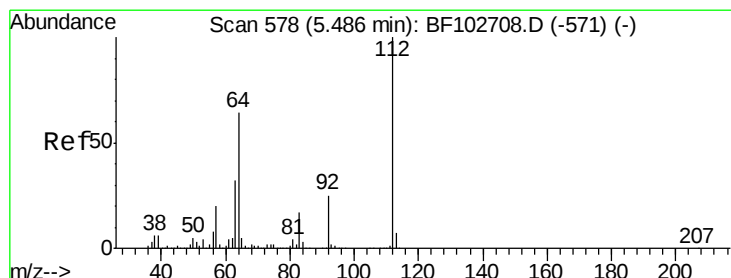
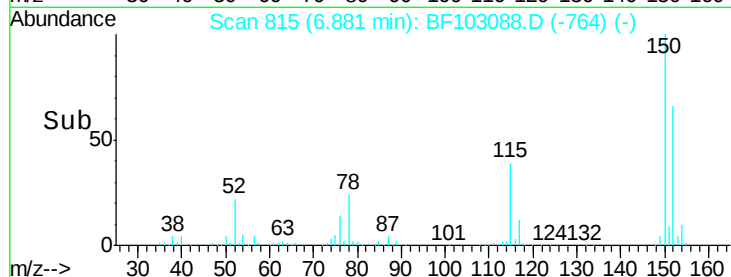
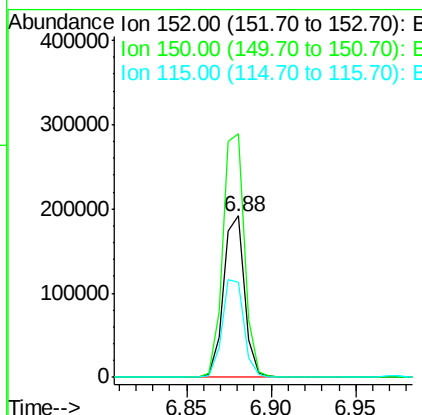
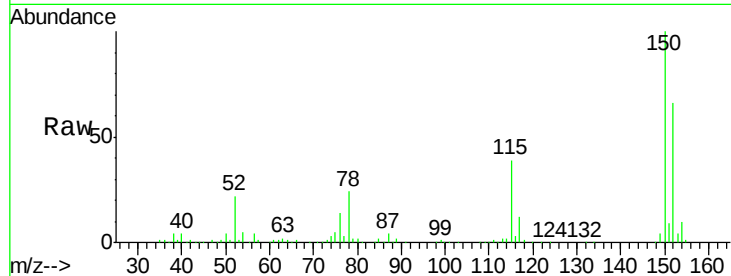




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF103088.D
 Acq: 19 Feb 2018 17:51

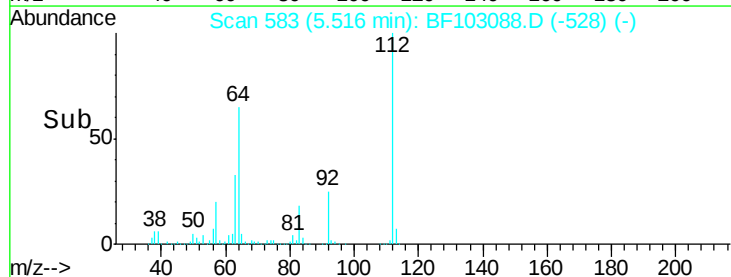
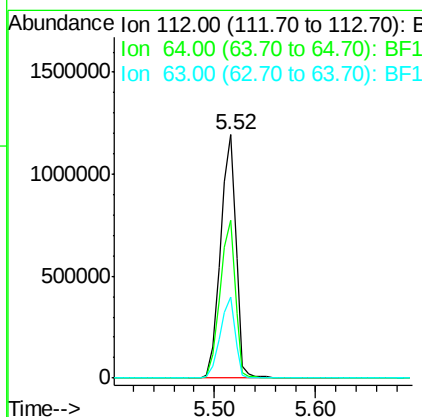
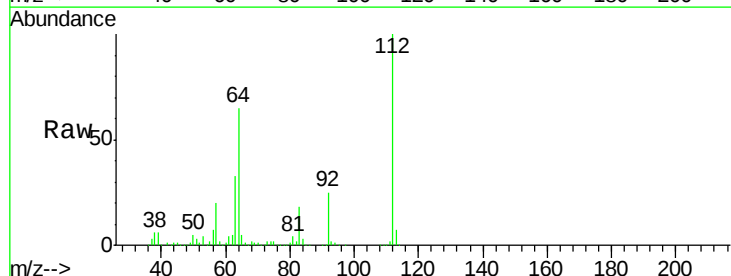
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021618

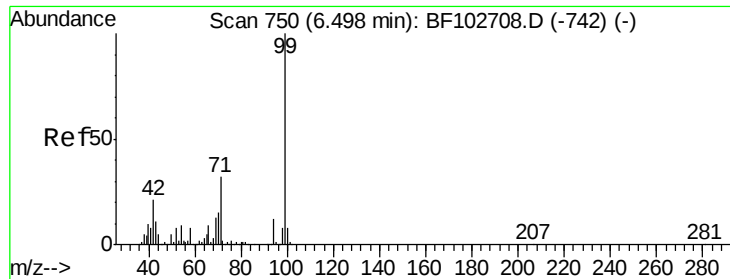
Tgt Ion:152 Resp: 165232
 Ion Ratio Lower Upper
 152 100
 150 151.1 124.6 186.8
 115 59.0 50.1 75.1



#5
 2-Fluorophenol
 Concen: 116.333 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.02 min
 Lab File: BF103088.D
 Acq: 19 Feb 2018 17:51

Tgt Ion:112 Resp: 1265708
 Ion Ratio Lower Upper
 112 100
 64 65.1 47.9 71.9
 63 33.2 23.7 35.5





#7

Phenol-d6

Concen: 99.571 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103088.D

Acq: 19 Feb 2018 17:51

Instrument :

BNA_F

ClientSampleId :

BU-03-021618

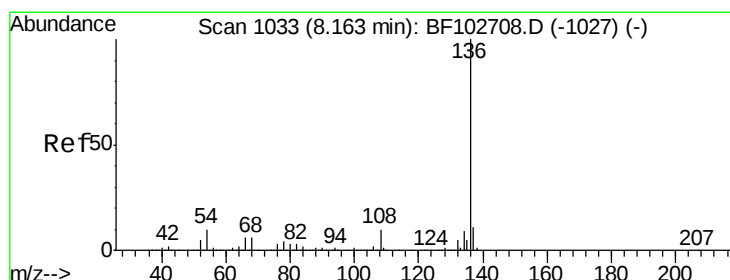
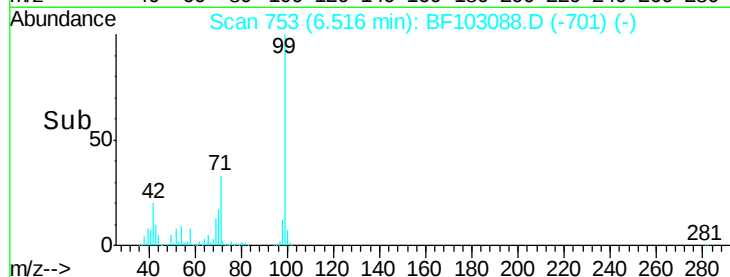
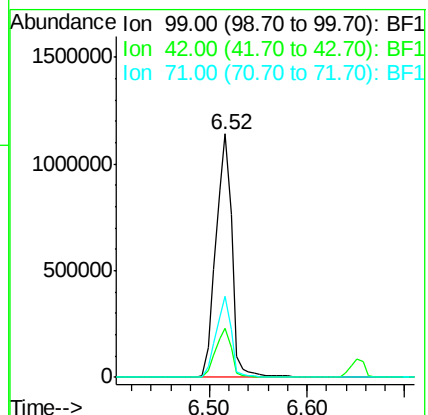
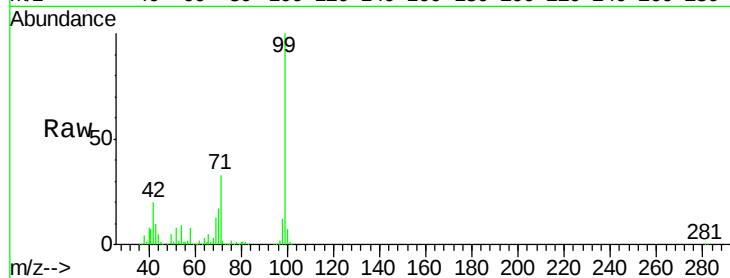
Tgt Ion: 99 Resp: 1304409

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 33.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103088.D

Acq: 19 Feb 2018 17:51

Tgt Ion: 136 Resp: 688289

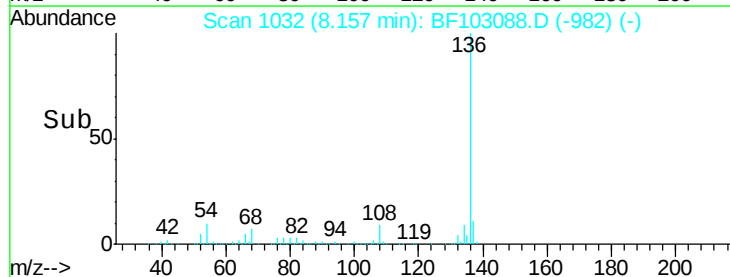
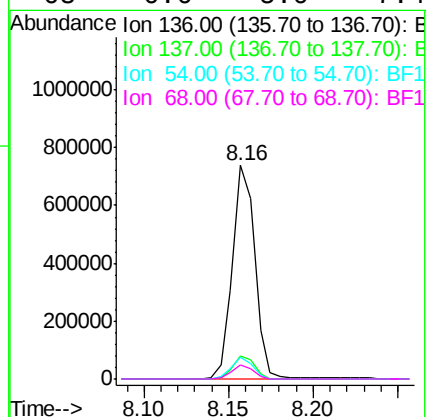
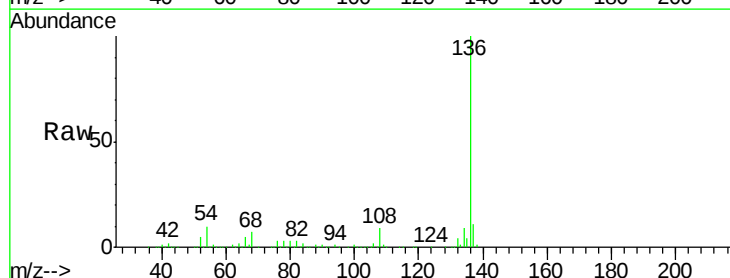
Ion Ratio Lower Upper

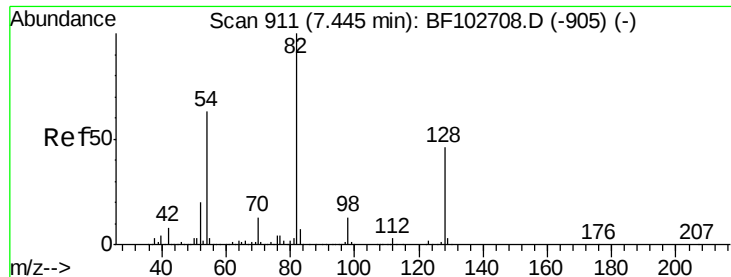
136 100

137 11.0 8.9 13.3

54 10.1 6.6 9.8#

68 6.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 106.360 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.00 min

Lab File: BF103088.D

Acq: 19 Feb 2018 17:51

Instrument :

BNA_F

ClientSampleId :

BU-03-021618

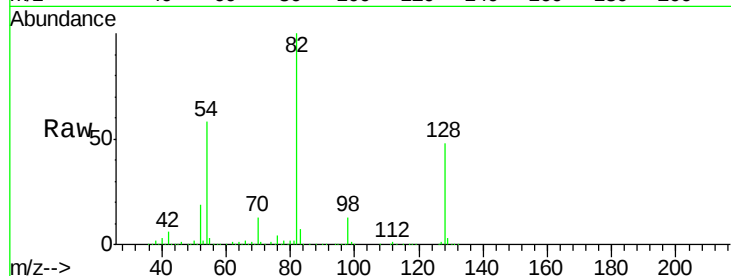
Tgt Ion: 82 Resp: 1055294

Ion Ratio Lower Upper

82 100

128 48.0 36.1 54.1

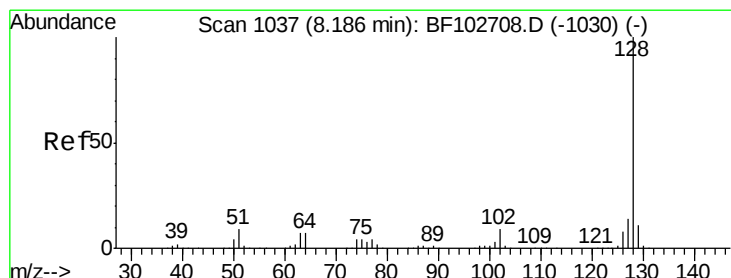
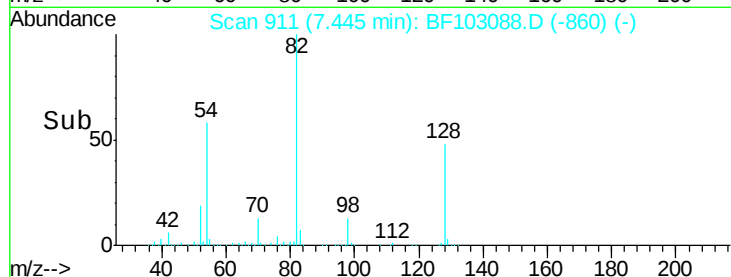
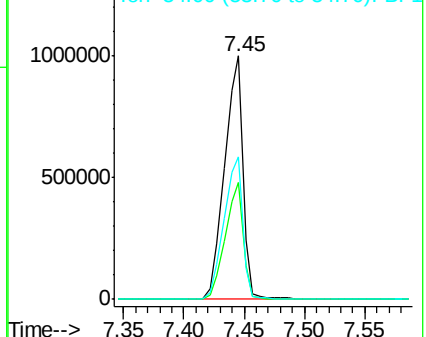
54 58.4 41.4 62.2



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



#31

Naphthalene

Concen: 29.952 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF103088.D

Acq: 19 Feb 2018 17:51

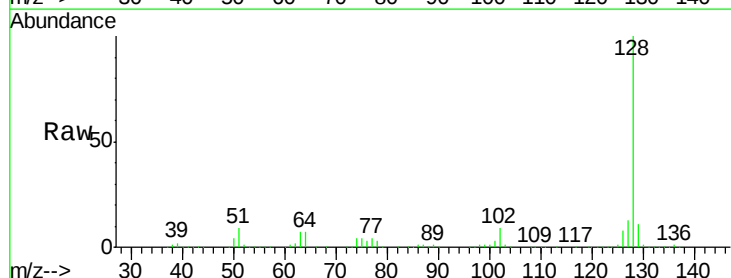
Tgt Ion: 128 Resp: 1007232

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

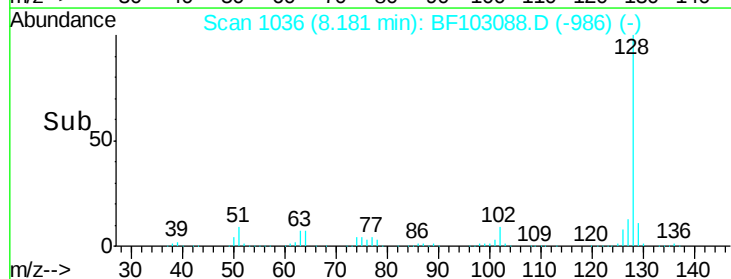
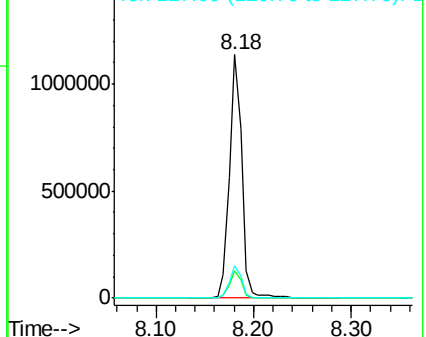
127 13.3 10.9 16.3

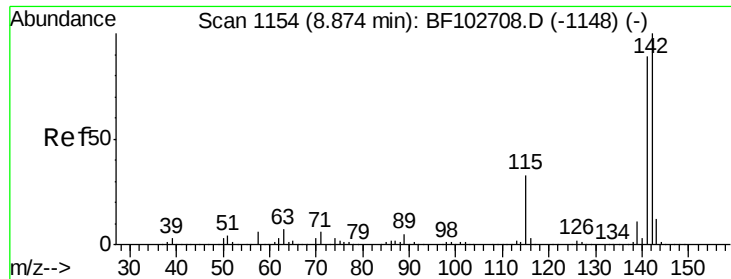


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

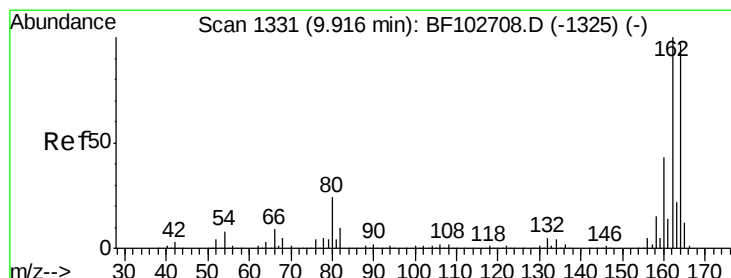
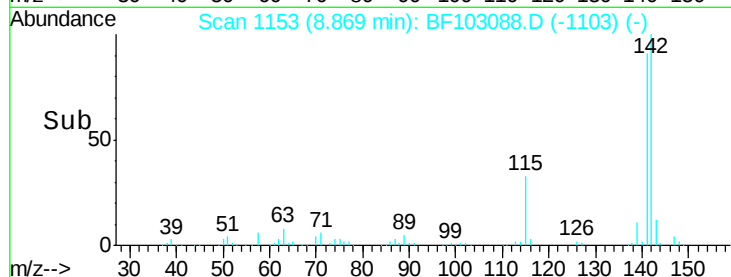
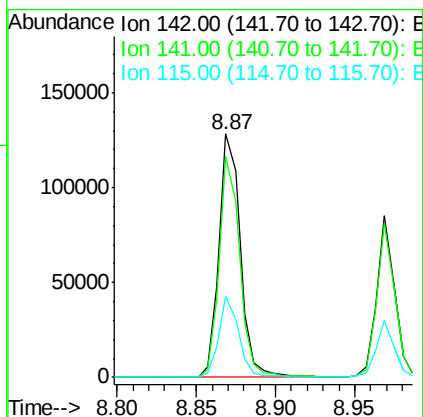
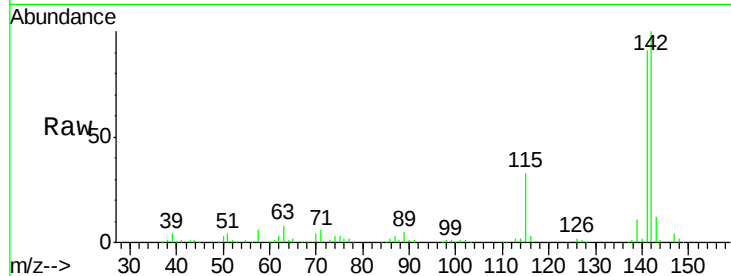




#37
 2-Methylnaphthalene
 Concen: 5.474 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF103088.D
 Acq: 19 Feb 2018 17:51

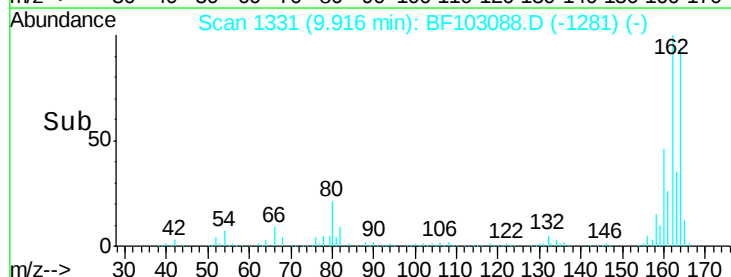
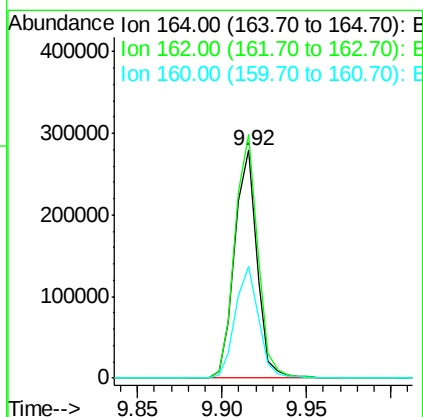
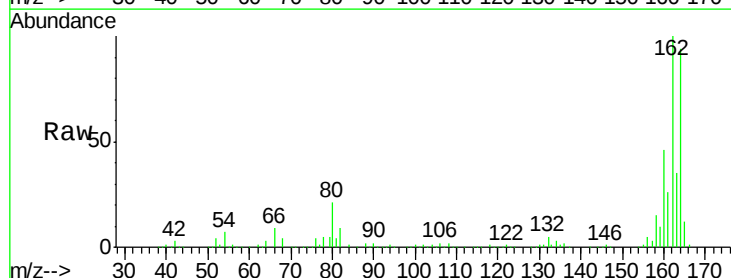
Instrument :
 BNA_F
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 BU-03-021618

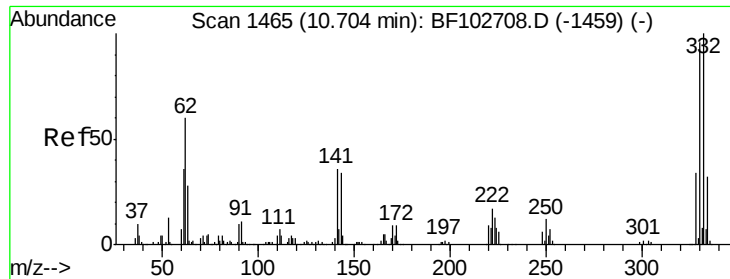
Tgt Ion:142 Resp: 120516
 Ion Ratio Lower Upper
 142 100
 141 90.5 70.8 106.2
 115 33.1 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103088.D
 Acq: 19 Feb 2018 17:51

Tgt Ion:164 Resp: 257227
 Ion Ratio Lower Upper
 164 100
 162 106.9 86.1 129.1
 160 49.1 38.3 57.5

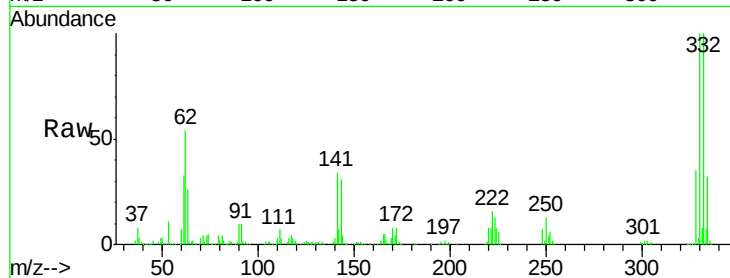




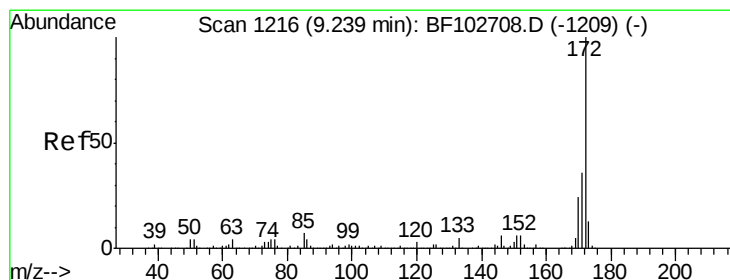
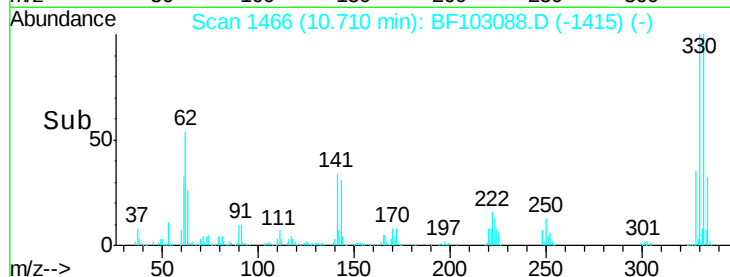
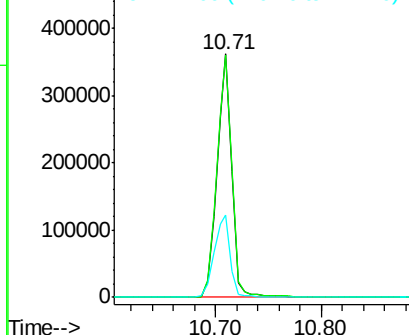
#41
 2,4,6-Tribromophenol
 Concen: 173.950 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103088.D
 Acq: 19 Feb 2018 17:51

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021618

Tgt Ion:330 Resp: 360142
 Ion Ratio Lower Upper
 330 100
 332 101.7 77.0 115.6
 141 37.0 29.9 44.9

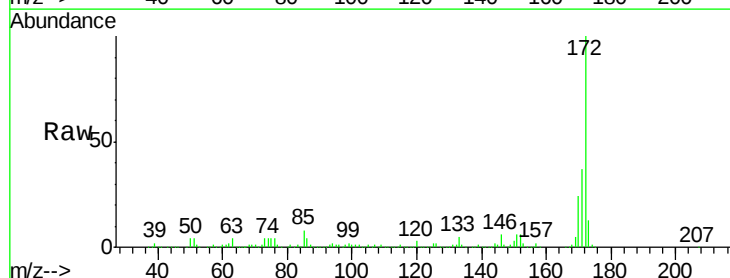


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

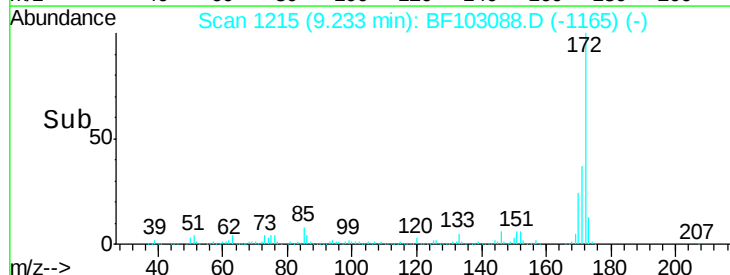
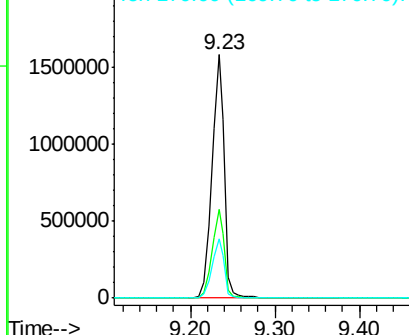


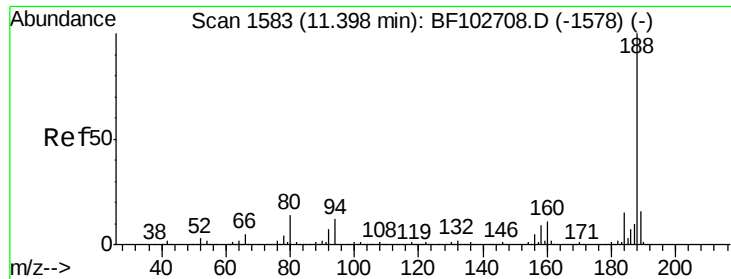
#44
 2-Fluorobiphenyl
 Concen: 106.905 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103088.D
 Acq: 19 Feb 2018 17:51

Tgt Ion:172 Resp: 1657201
 Ion Ratio Lower Upper
 172 100
 171 36.6 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

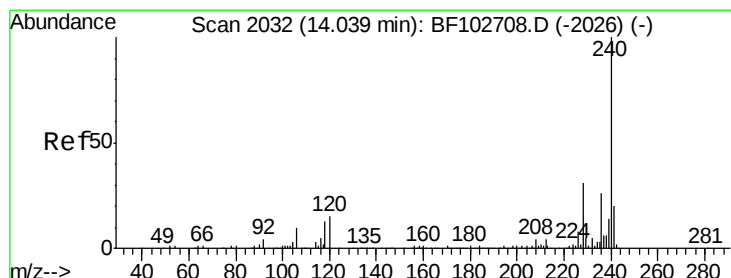
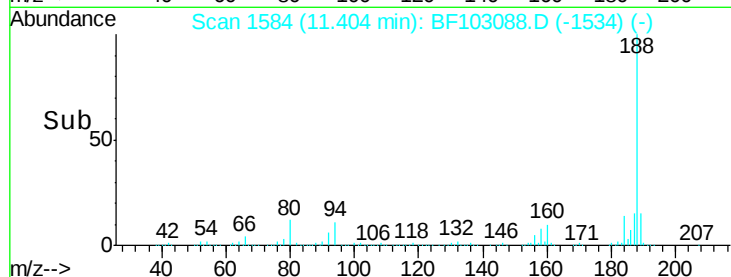
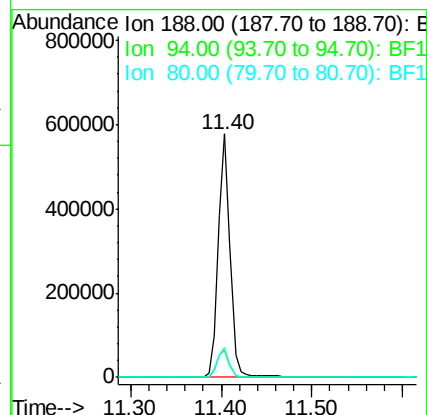
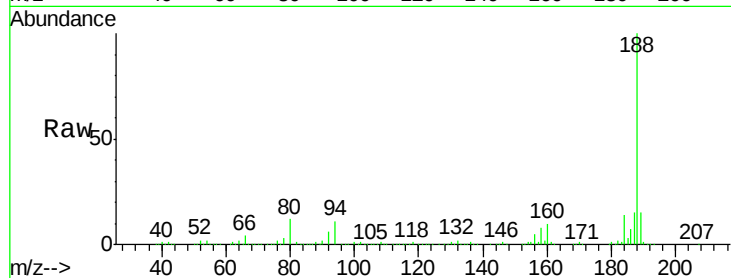




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103088.D
Acq: 19 Feb 2018 17:51

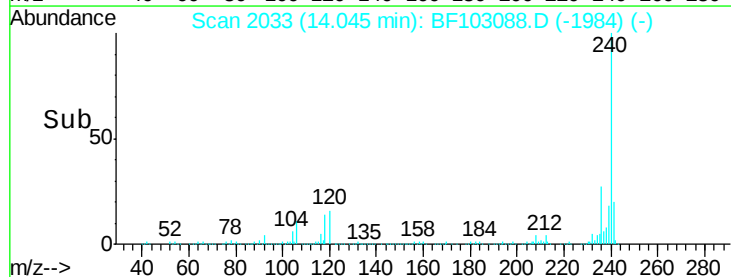
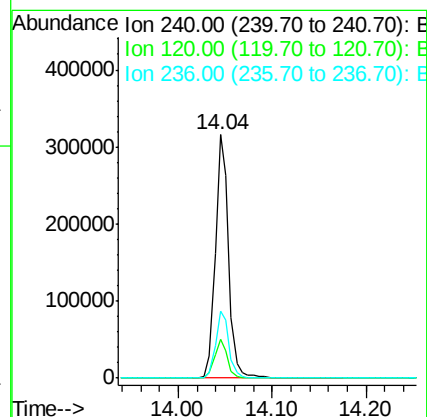
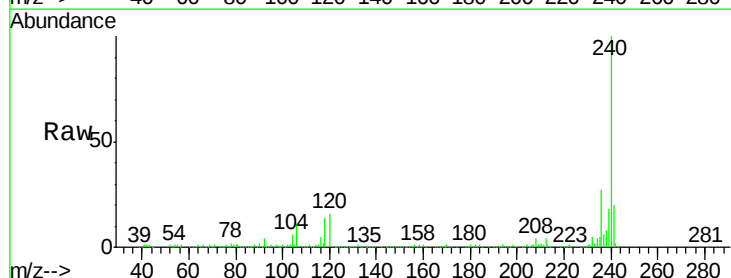
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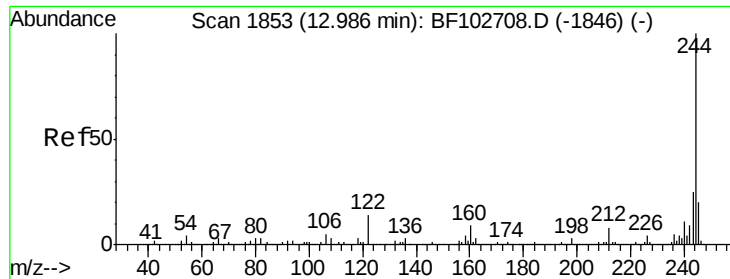
Tgt Ion:188 Resp: 525535
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103088.D
Acq: 19 Feb 2018 17:51

Tgt Ion:240 Resp: 316063
Ion Ratio Lower Upper
240 100
120 15.8 9.5 14.3#
236 27.5 20.7 31.1





#78

Terphenyl-d14

Concen: 109.935 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103088.D

Acq: 19 Feb 2018 17:51

Instrument :

BNA_F

ClientSampleId :

BU-03-021618

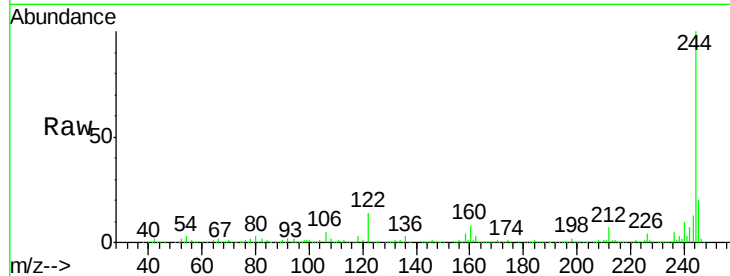
Tgt Ion:244 Resp: 1467469

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

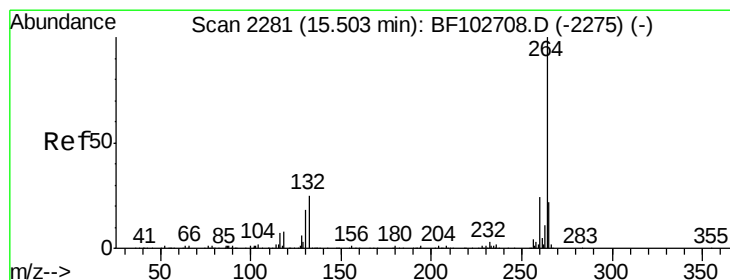
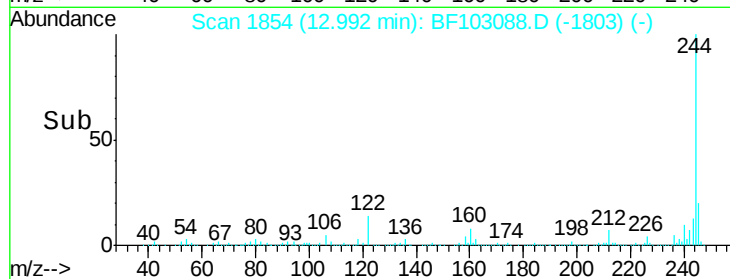
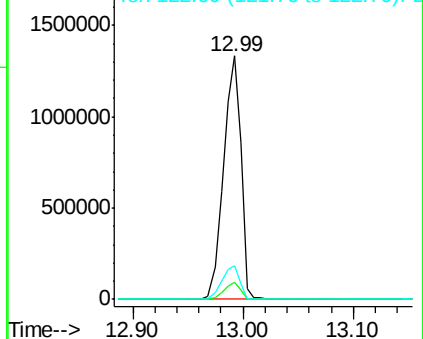
122 13.9 11.0 16.4



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: 15.54 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BF103088.D

Acq: 19 Feb 2018 17:51

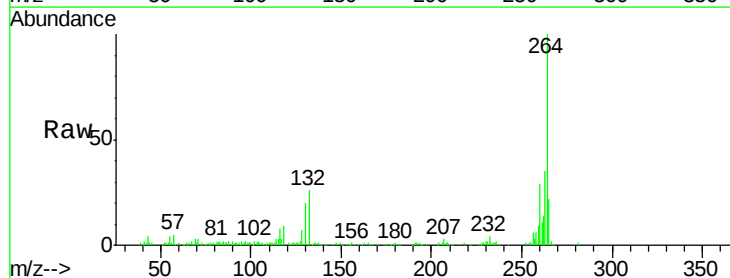
Tgt Ion:264 Resp: 152758

Ion Ratio Lower Upper

264 100

260 28.6 19.2 28.8

265 22.1 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

