

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022018\
 Data File : BF103124.D
 Acq On : 20 Feb 2018 19:25
 Operator : SJ/JU
 Sample : J1624-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Feb 21 09:03:52 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

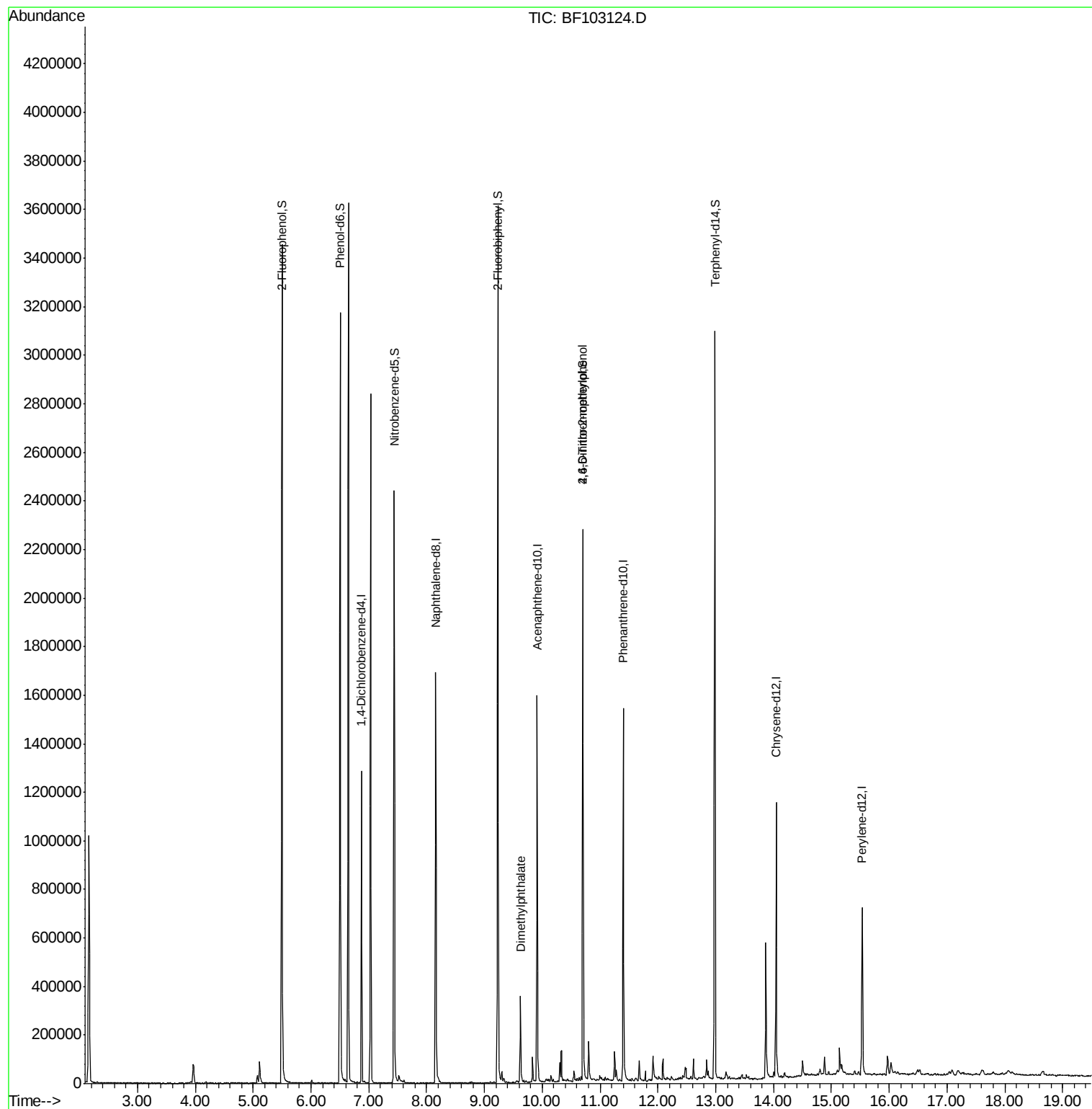
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	173385	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	746128	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	337744	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	581767	20.00	ng	0.00
75) Chrysene-d12	14.04	240	354864	20.00	ng	-0.01
86) Perylene-d12	15.53	264	320284	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1029062	90.13	ng	0.00
7) Phenol-d6	6.51	99	1227218	89.27	ng	0.00
23) Nitrobenzene-d5	7.44	82	810189	75.33	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	265124	97.53	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1260043	61.91	ng	0.00
78) Terphenyl-d14	12.99	244	1095285	73.08	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	140280	5.327	ng	98
64) 4,6-Dinitro-2-methylphenol	10.70	198	373	8.935	ng	# 1

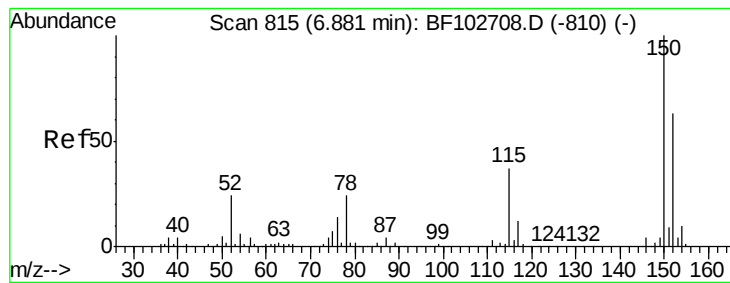
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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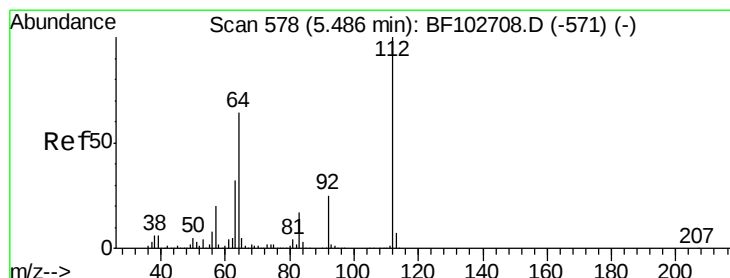
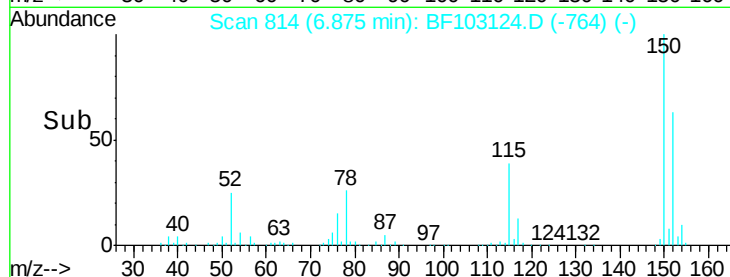
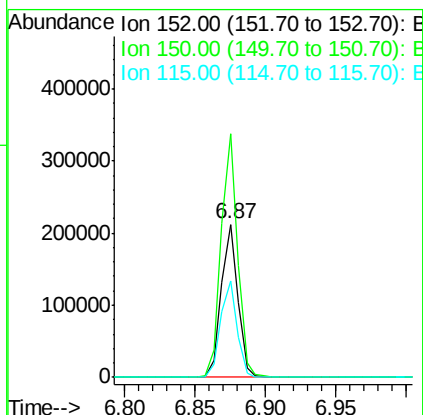
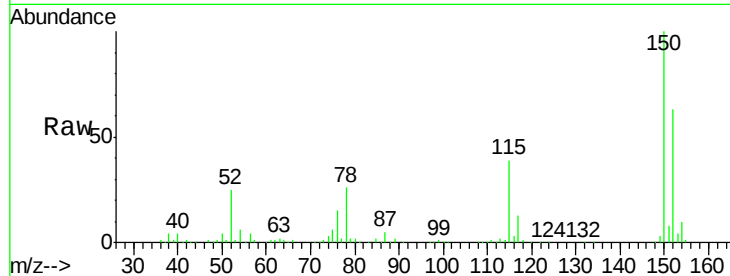


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103124.D
Acq: 20 Feb 2018 19:25

Instrument :
BNA_F
ClientSampleId :
TP-1

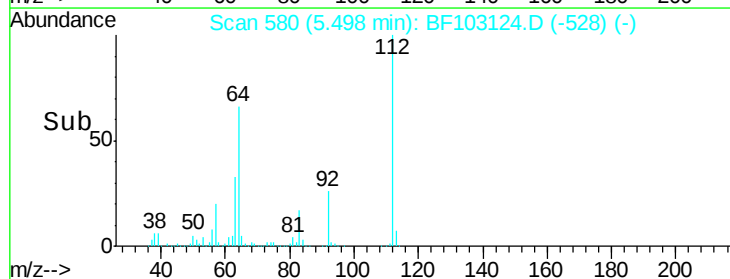
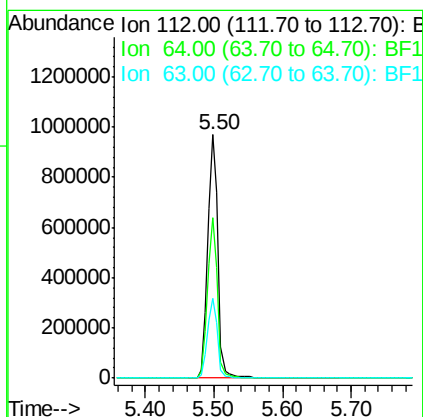
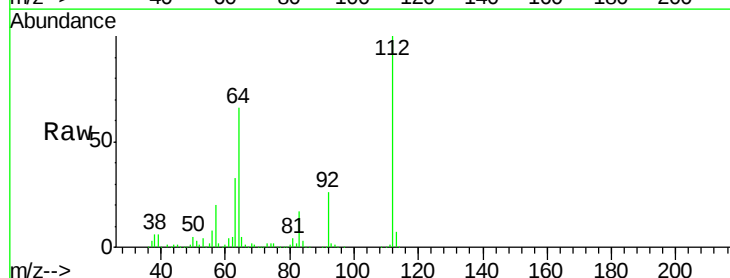
Tot Ion:152 Resp: 173385
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 62.5 50.1 75.1

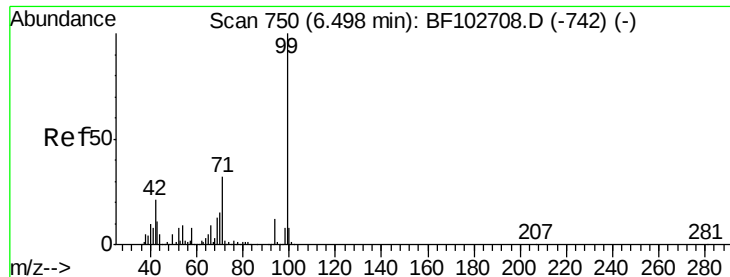


#5

2-Fluorophenol
Concen: 90.135 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103124.D
Acq: 20 Feb 2018 19:25

Tgt Ion:112 Resp: 1029062
Ion Ratio Lower Upper
112 100
64 66.0 47.9 71.9
63 32.8 23.7 35.5





#7

Phenol-d6

Concen: 89.273 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103124.D

Acq: 20 Feb 2018 19:25

Instrument :

BNA_F

ClientSampled :

TP-1

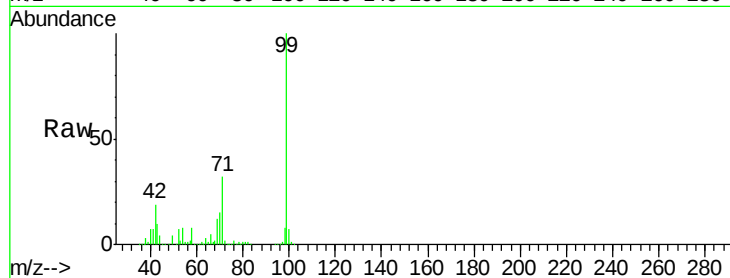
Tot Ion: 99 Resp: 1227218

Ion Ratio Lower Upper

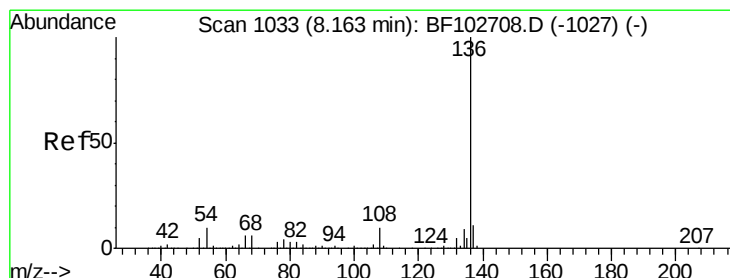
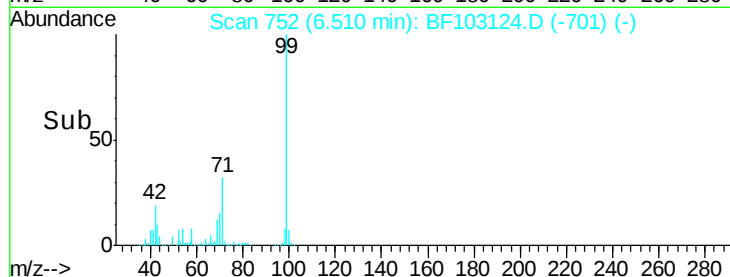
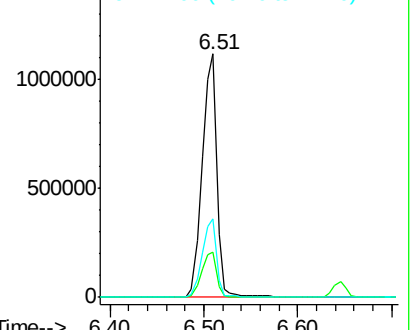
99 100

42 18.7 14.5 21.7

71 32.1 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. -0.01 min

Lab File: BF103124.D

Acq: 20 Feb 2018 19:25

Tgt Ion: 136 Resp: 746128

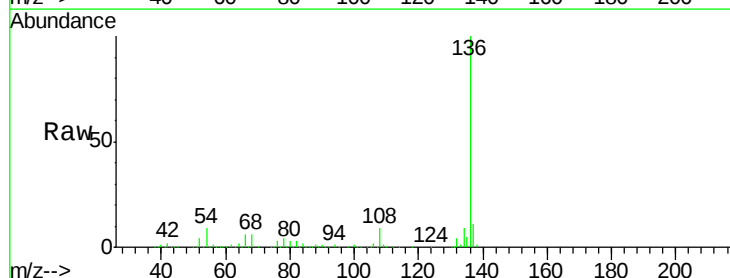
Ion Ratio Lower Upper

136 100

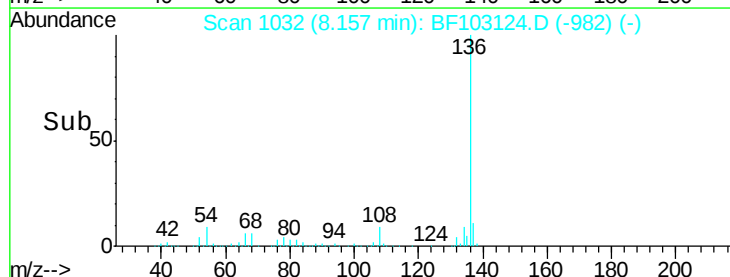
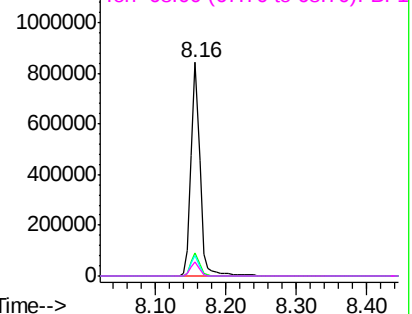
137 10.9 8.9 13.3

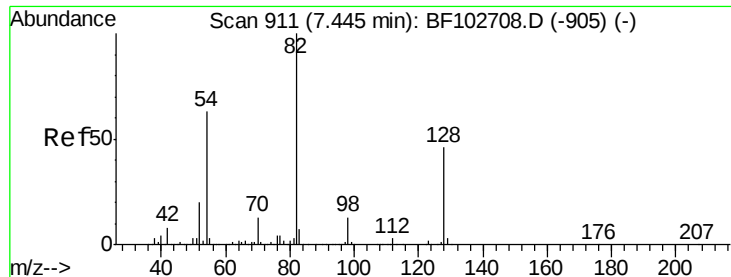
54 9.4 6.6 9.8

68 6.4 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

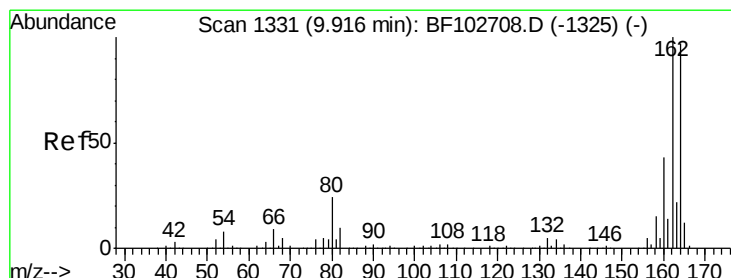
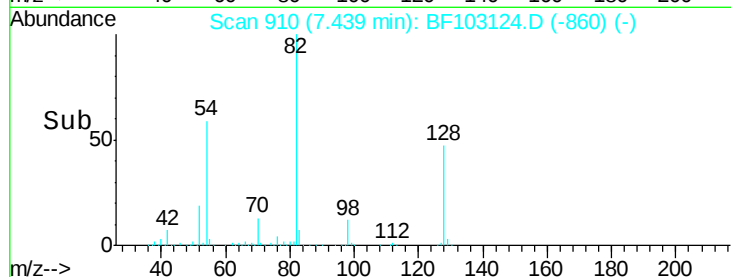
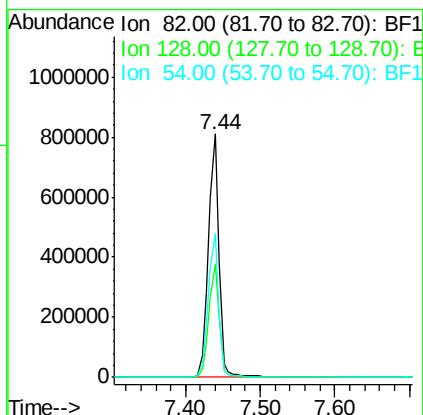
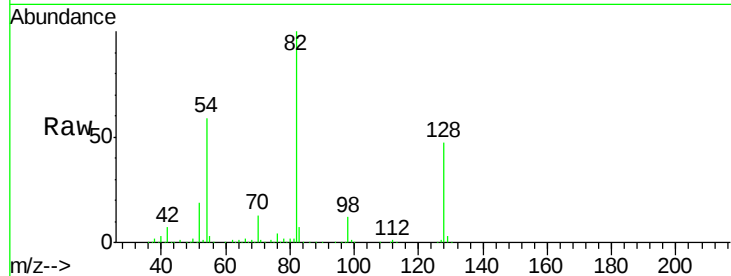




#23
 Nitrobenzene-d5
 Concen: 75.327 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103124.D
 Acq: 20 Feb 2018 19:25

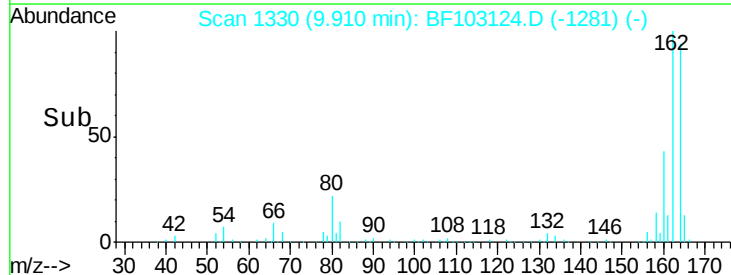
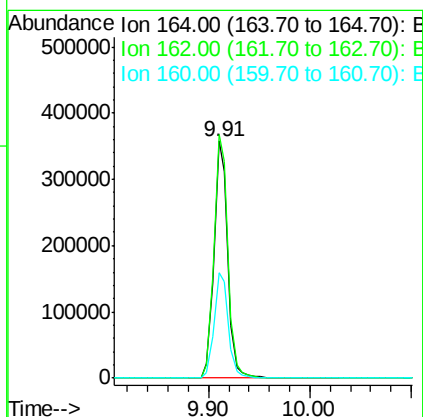
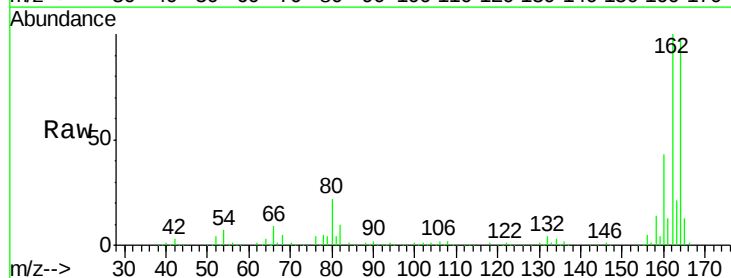
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

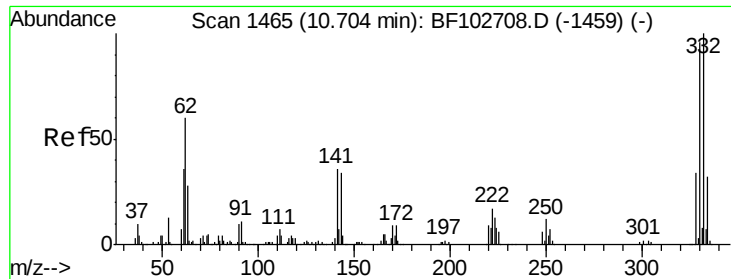
Tot Ion: 82 Resp: 810189
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.1 54.1
 54 59.1 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103124.D
 Acq: 20 Feb 2018 19:25

Tgt Ion: 164 Resp: 337744
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.1 129.1
 160 44.3 38.3 57.5

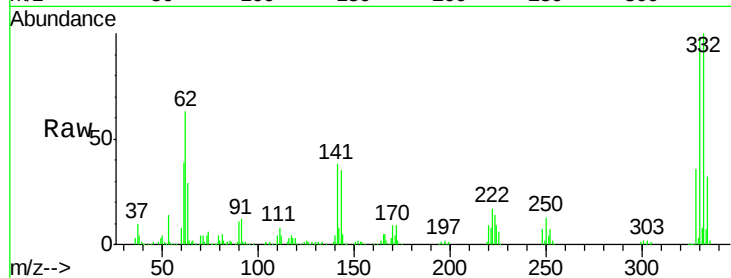




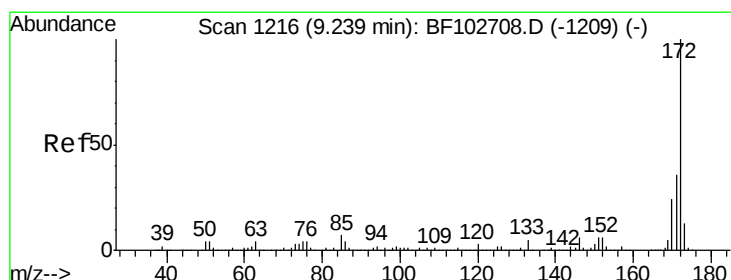
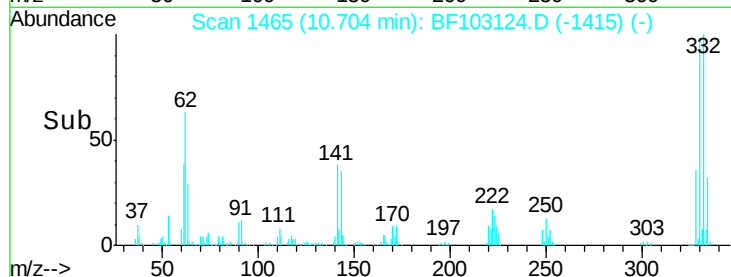
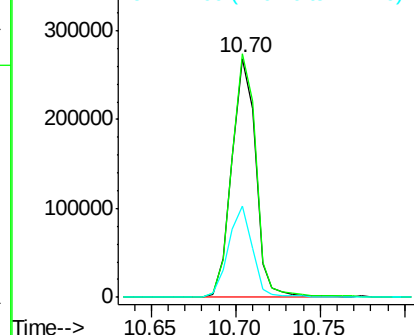
#41
 2,4,6-Tribromophenol
 Concen: 97.528 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103124.D
 Acq: 20 Feb 2018 19:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.4	77.0	115.6
141	39.3	29.9	44.9

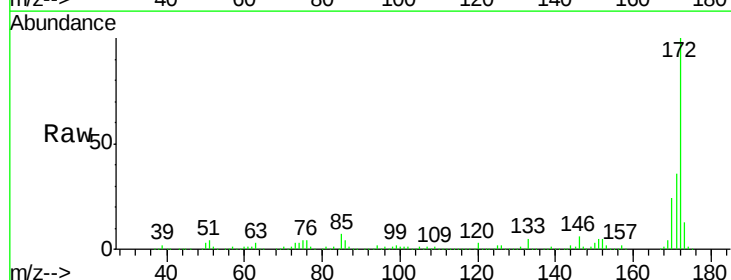


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

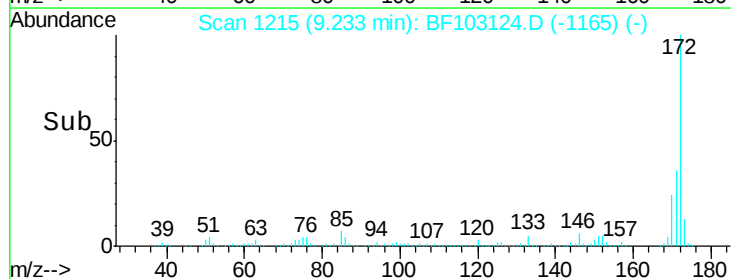
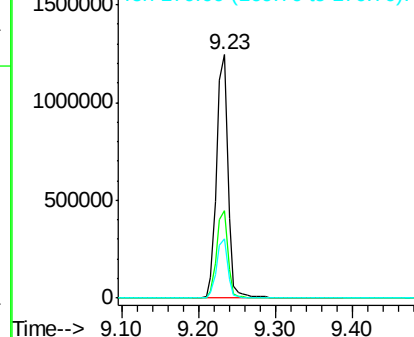


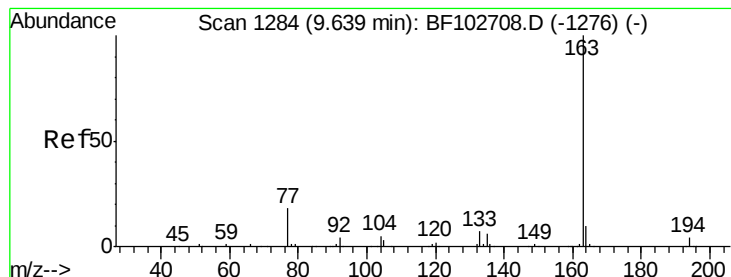
#44
 2-Fluorobiphenyl
 Concen: 61.907 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103124.D
 Acq: 20 Feb 2018 19:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	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: 5.327 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF103124.D

Acq: 20 Feb 2018 19:25

Instrument :

BNA_F

ClientSampleId :

TP-1

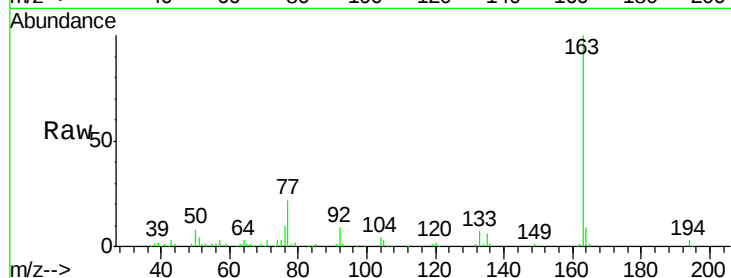
Tot Ion:163 Resp: 140280

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

164 9.5 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

9.62

150000

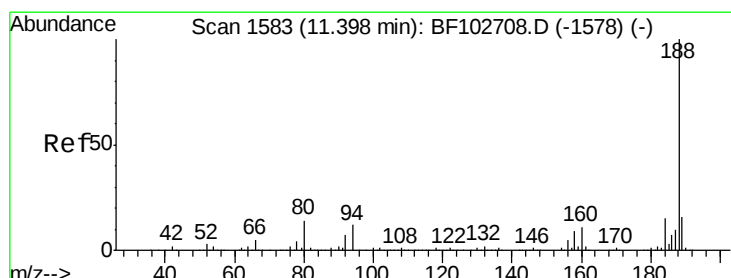
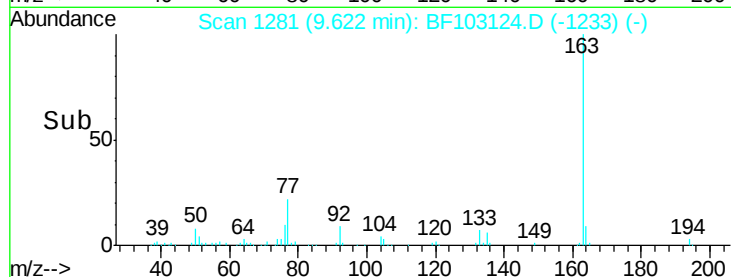
100000

50000

0

Time-->

9.55 9.60 9.65 9.70 9.75



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF103124.D

Acq: 20 Feb 2018 19:25

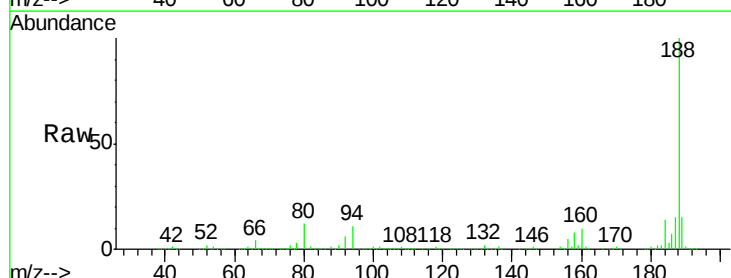
Tgt Ion:188 Resp: 581767

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

80 11.5 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

11.40

800000

600000

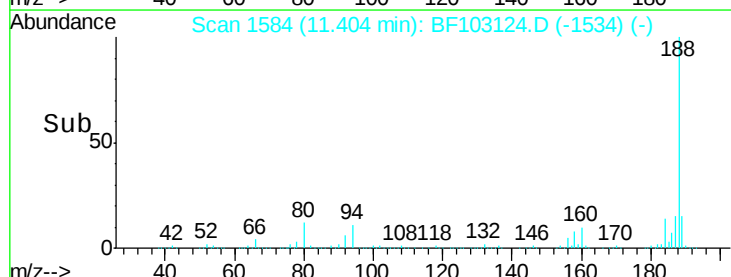
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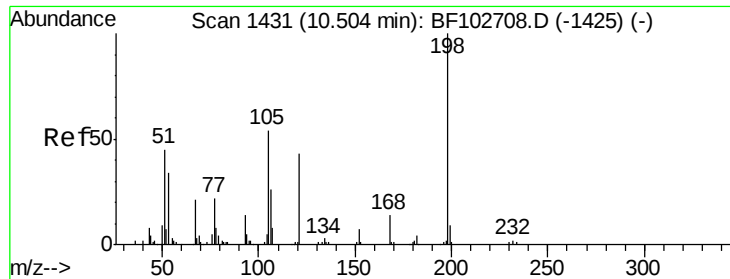
200000

0

Time-->

11.30 11.40 11.50

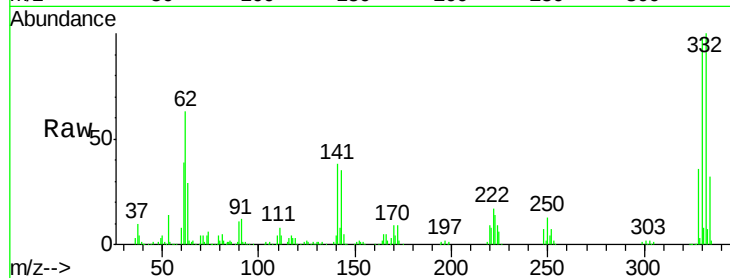




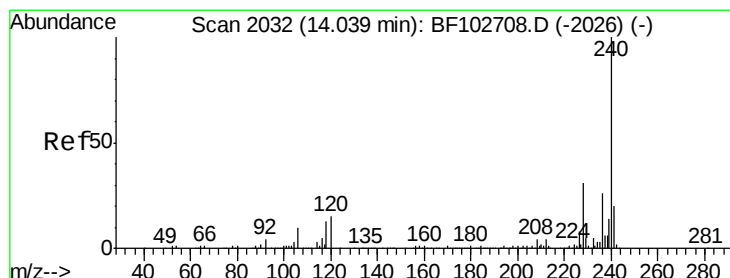
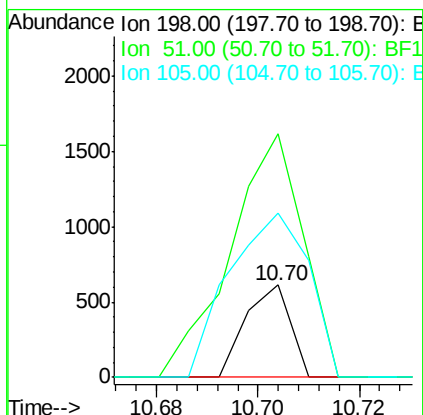
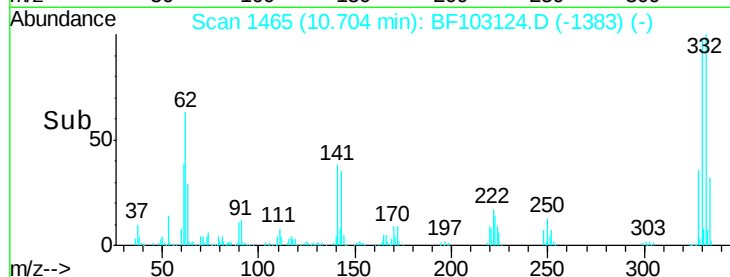
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.935 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.18 min
 Lab File: BF103124.D
 Acq: 20 Feb 2018 19:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion:198 Resp: 373
 Ion Ratio Lower Upper
 198 100
 51 264.5 37.7 77.7#
 105 177.9 36.3 76.3#

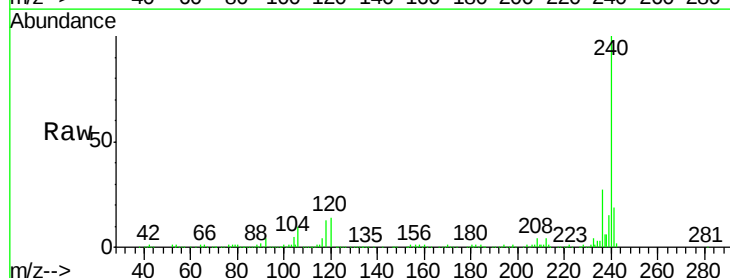


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

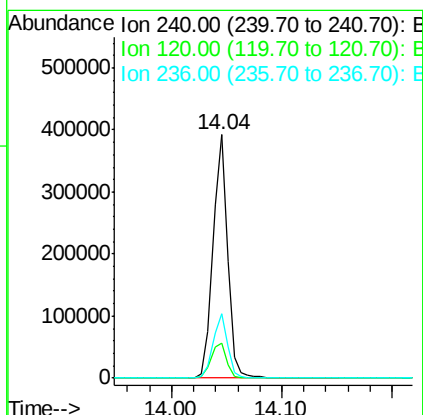
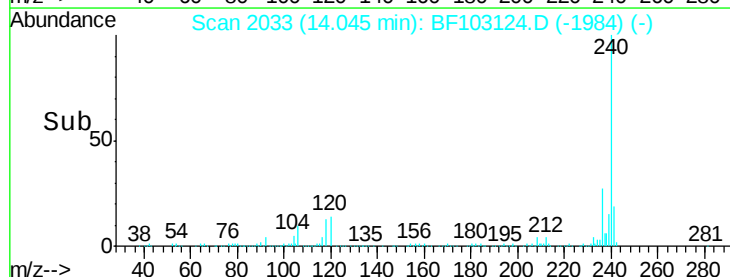


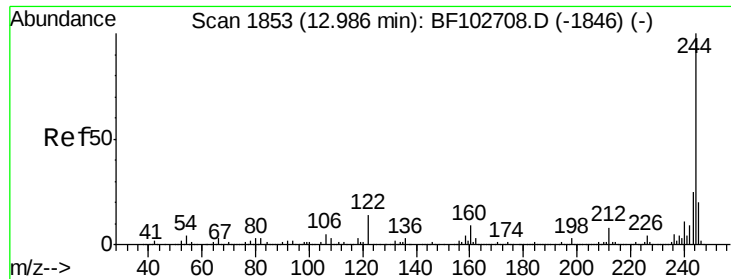
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF103124.D
 Acq: 20 Feb 2018 19:25

Tgt Ion:240 Resp: 354864
 Ion Ratio Lower Upper
 240 100
 120 14.3 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: 73.081 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103124.D

Acq: 20 Feb 2018 19:25

Instrument :

BNA_F

ClientSampled :

TP-1

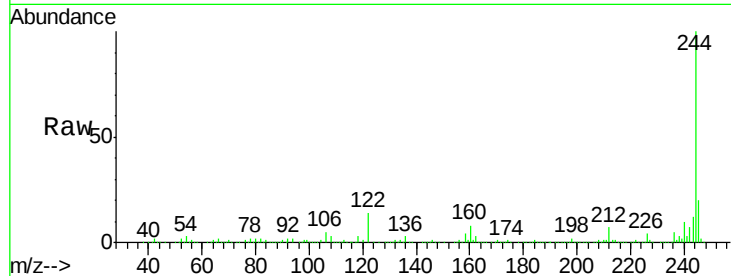
Tot Ion:244 Resp: 1095285

Ion Ratio Lower Upper

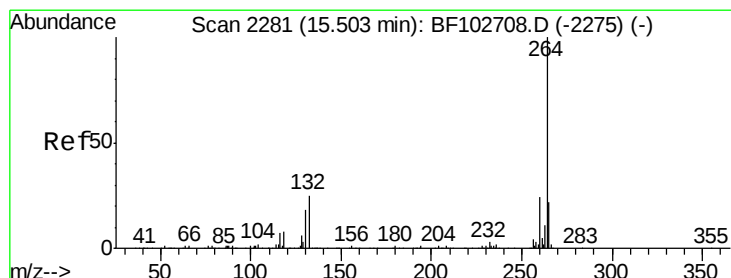
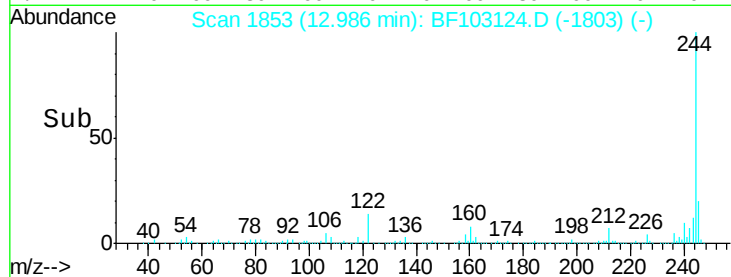
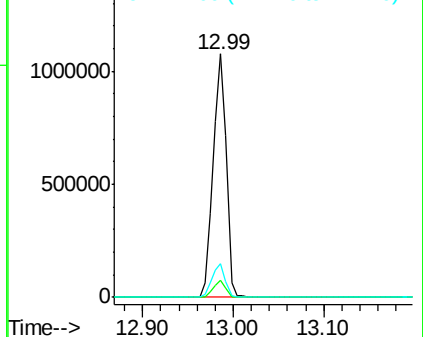
244 100

212 6.9 5.4 8.0

122 13.7 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: 15.53 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BF103124.D

Acq: 20 Feb 2018 19:25

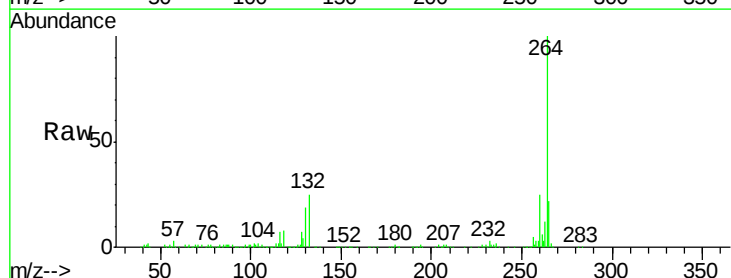
Tgt Ion:264 Resp: 320284

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 22.0 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

