

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
 Data File : BF101935.D
 Acq On : 5 Jan 2018 17:42
 Operator : SJ/JU
 Sample : J1012-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-010318-G

Quant Time: Jan 05 21:48:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 12:29:26 2018
 Response via : Initial Calibration

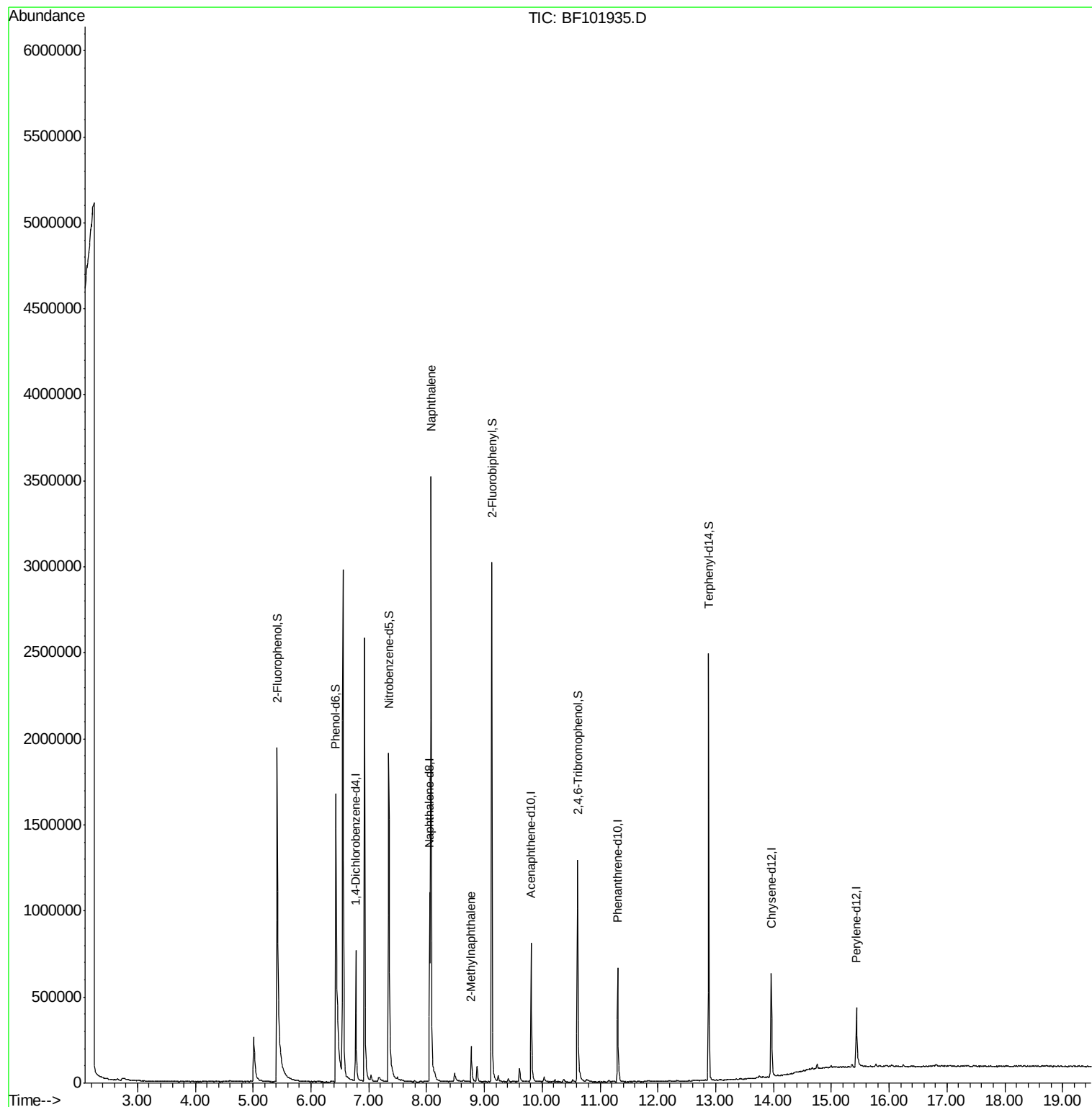
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	129583	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	466373	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	169816	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	268287	20.00	ng	0.00
75) Chrysene-d12	13.96	240	264810	20.00	ng	0.00
86) Perylene-d12	15.43	264	206288	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1043199	119.92	ng	0.01
7) Phenol-d6	6.43	99	1117003	103.17	ng	0.00
23) Nitrobenzene-d5	7.35	82	817795	97.61	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	172878	105.65	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1123284	102.61	ng	0.00
78) Terphenyl-d14	12.88	244	862263	78.50	ng	0.00
Target Compounds						
31) Naphthalene	8.07	128	1817695	77.418	ng	98
37) 2-Methylnaphthalene	8.77	142	72811	4.760	ng	100

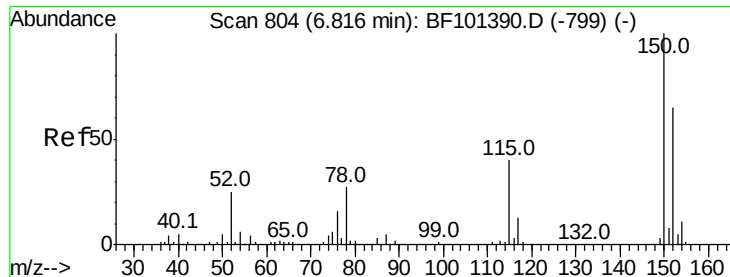
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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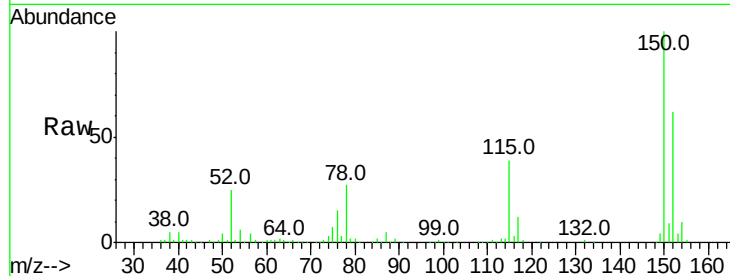


#1

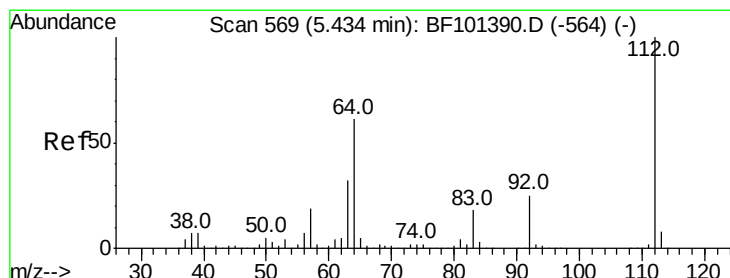
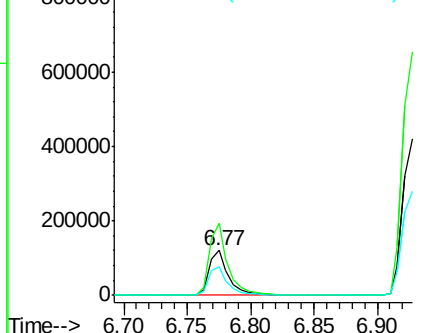
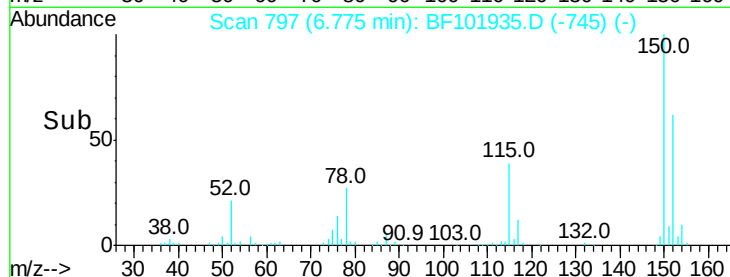
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-G

Tot Ion:152 Resp: 129583
Ion Ratio Lower Upper
152 100
150 161.3 124.6 186.8
115 62.3 50.1 75.1



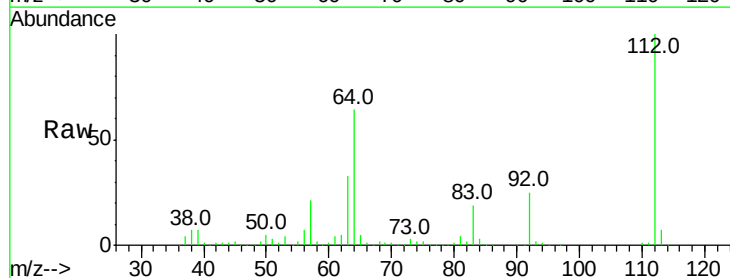
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



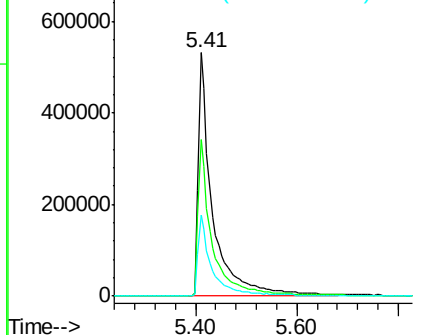
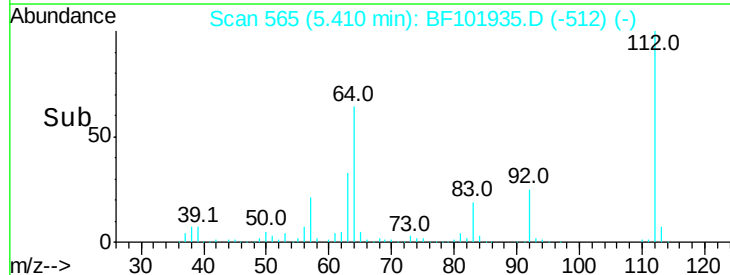
#5

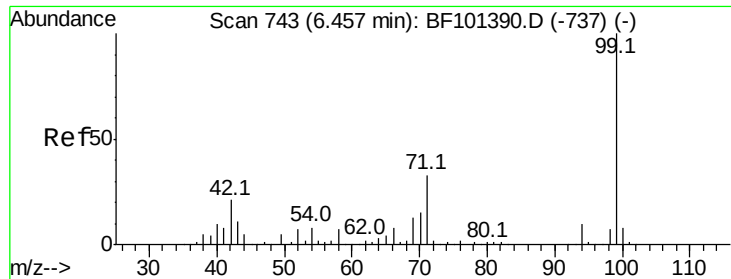
2-Fluorophenol
Concen: 119.918 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Tgt Ion:112 Resp: 1043199
Ion Ratio Lower Upper
112 100
64 64.2 47.9 71.9
63 33.3 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: 103.172 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF101935.D

Acq: 5 Jan 2018 17:42

Instrument :

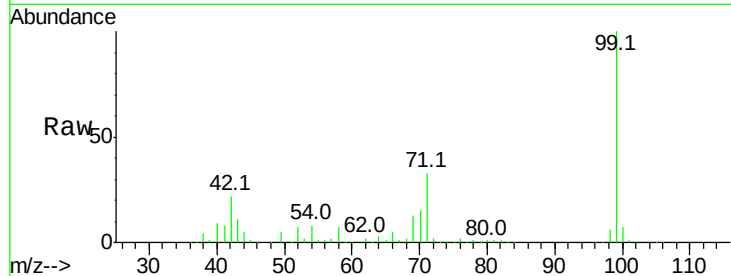
BNA_F

ClientSampleId :

JC-03-010318-G

Tot Ion: 99 Resp: 1117003

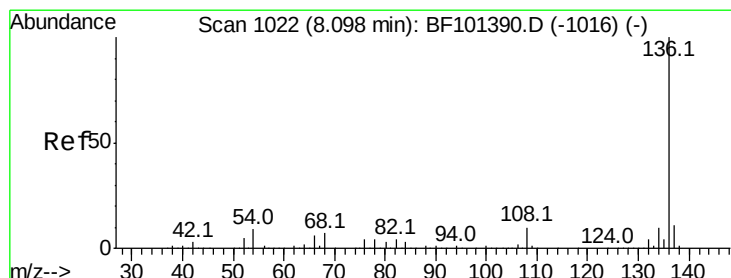
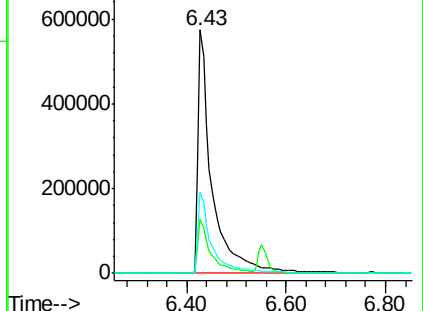
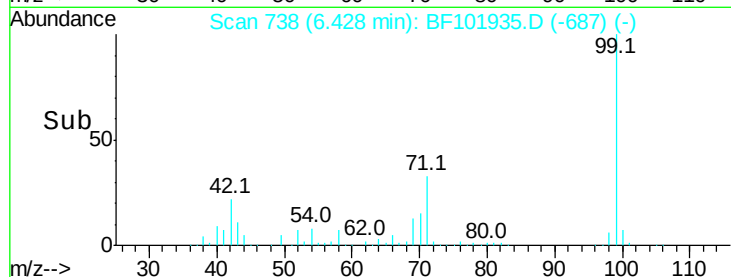
Ion	Ratio	Lower	Upper
99	100		
42	22.3	14.5	21.7#
71	33.4	25.4	38.0



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: 8.05 min Scan# 1014

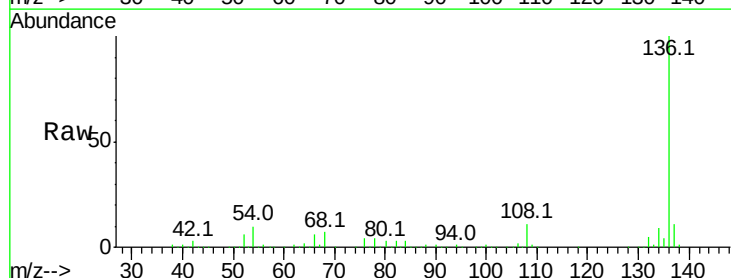
Delta R.T. 0.00 min

Lab File: BF101935.D

Acq: 5 Jan 2018 17:42

Tgt Ion: 136 Resp: 466373

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.9	6.6	9.8#
68	7.1	5.0	7.4

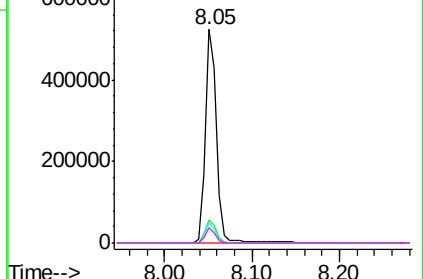
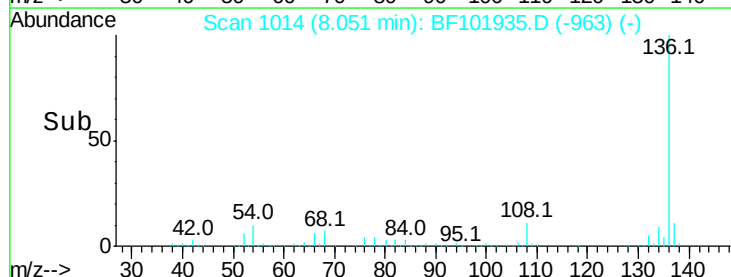


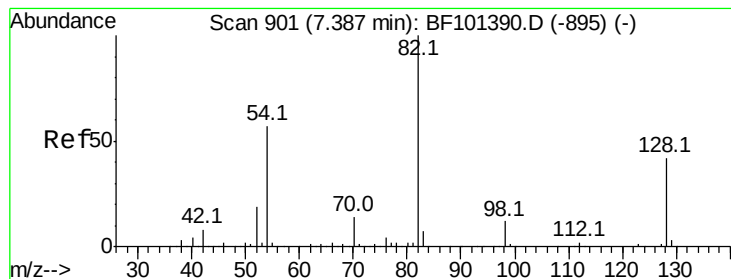
Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.611 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF101935.D

Acq: 5 Jan 2018 17:42

Instrument :

BNA_F

ClientSampleId :

JC-03-010318-G

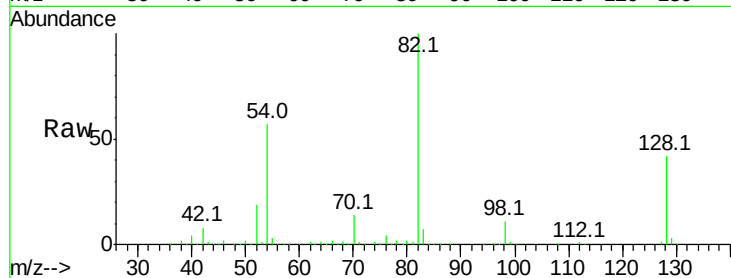
Tot Ion: 82 Resp: 817795

Ion Ratio Lower Upper

82 100

128 42.2 36.1 54.1

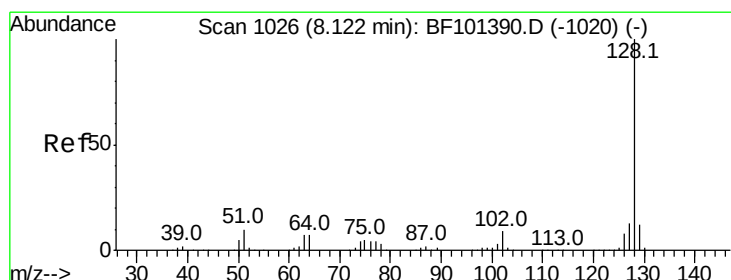
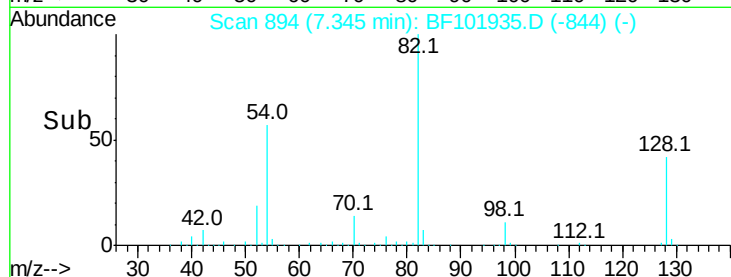
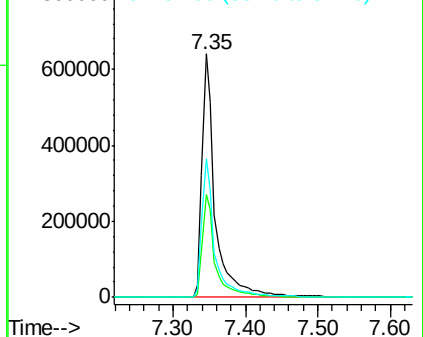
54 57.0 41.4 62.2



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: 77.418 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF101935.D

Acq: 5 Jan 2018 17:42

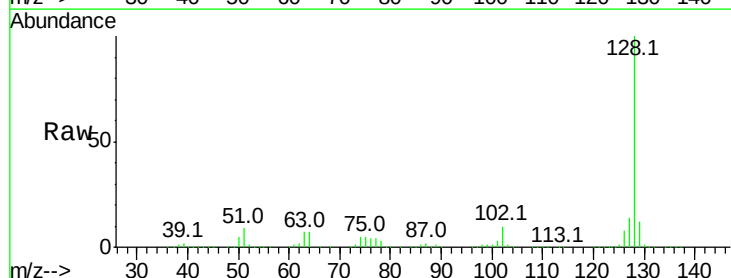
Tgt Ion:128 Resp: 1817695

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

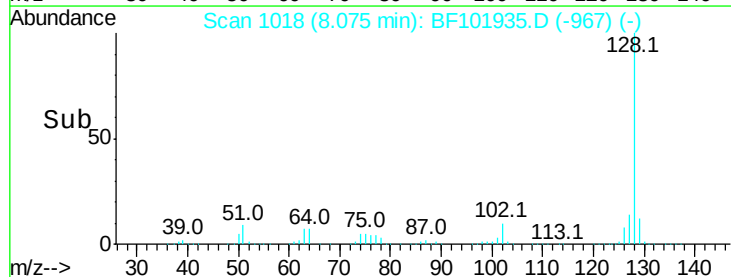
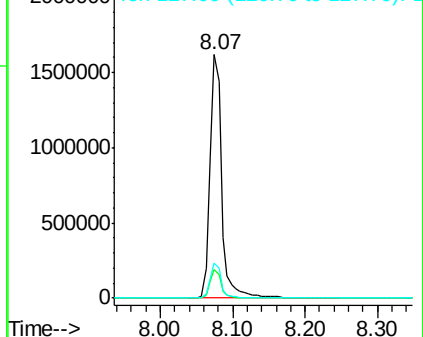
127 14.2 10.9 16.3

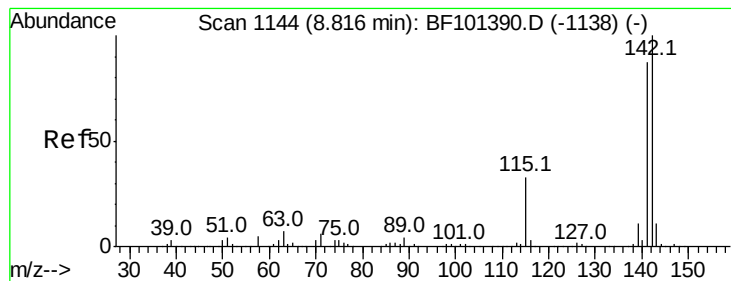


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 4.760 ng

RT: 8.77 min Scan# 1137

Delta R.T. 0.01 min

Lab File: BF101935.D

Acq: 5 Jan 2018 17:42

Instrument :

BNA_F

ClientSampleId :

JC-03-010318-G

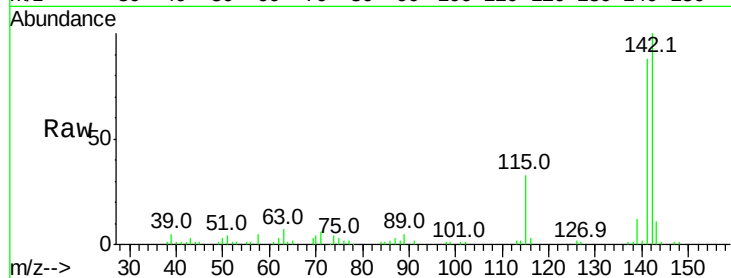
Tot Ion:142 Resp: 72811

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2

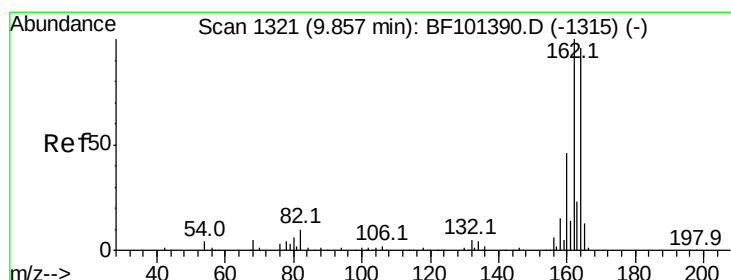
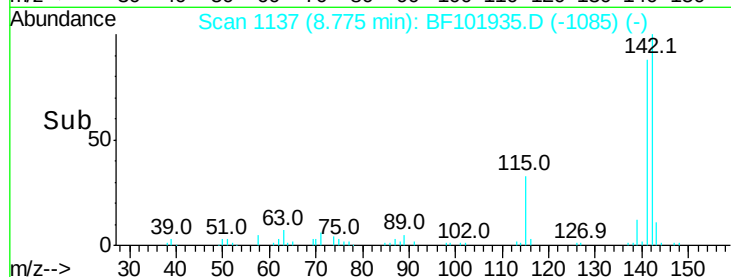
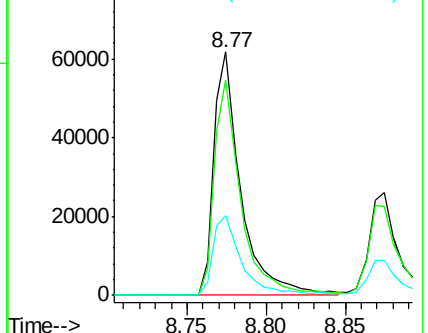
115 32.8 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF101935.D

Acq: 5 Jan 2018 17:42

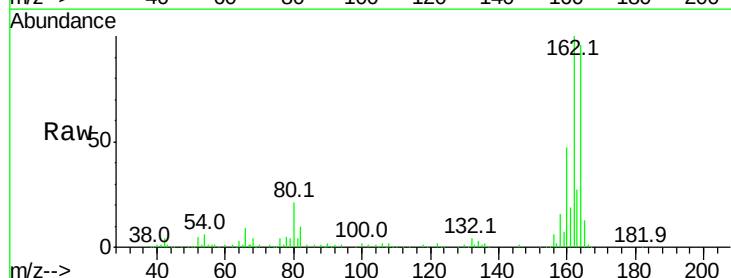
Tgt Ion:164 Resp: 169816

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

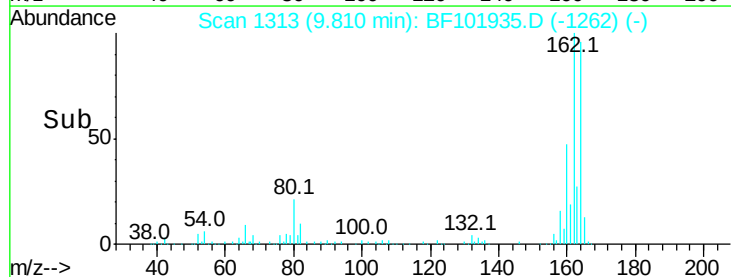
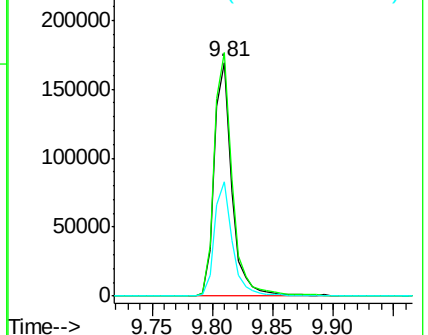
160 49.1 38.3 57.5

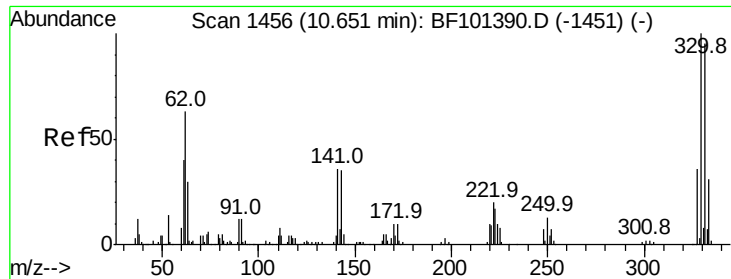


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 105.651 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF101935.D

Acq: 5 Jan 2018 17:42

Instrument :

BNA_F

ClientSampleId :

JC-03-010318-G

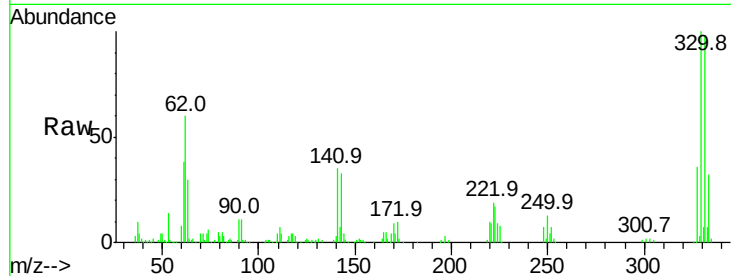
Tot Ion:330 Resp: 172878

Ion Ratio Lower Upper

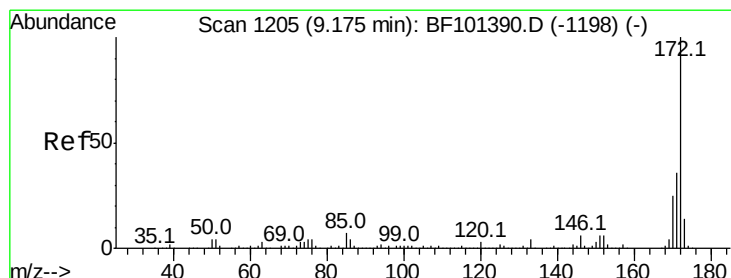
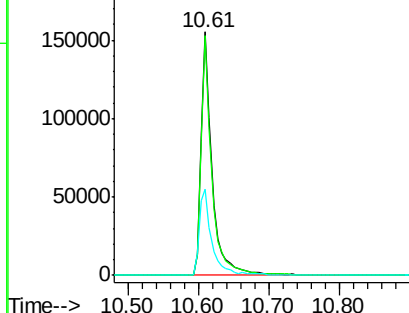
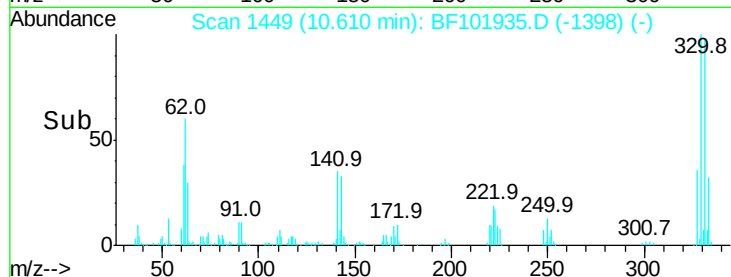
330 100

332 96.1 77.0 115.6

141 40.9 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: 102.610 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF101935.D

Acq: 5 Jan 2018 17:42

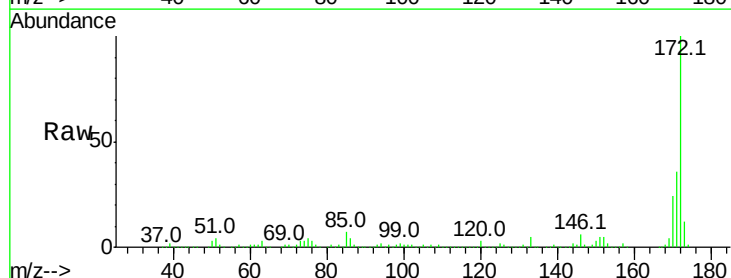
Tgt Ion:172 Resp: 1123284

Ion Ratio Lower Upper

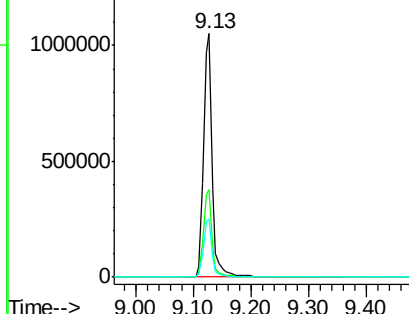
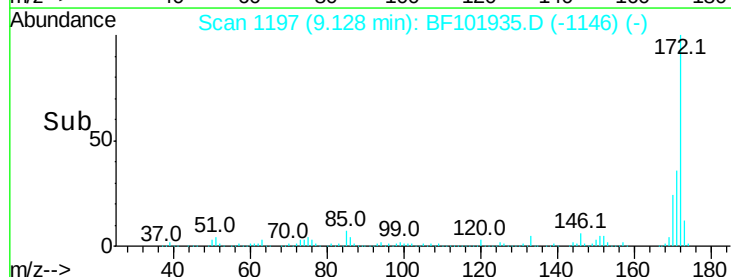
172 100

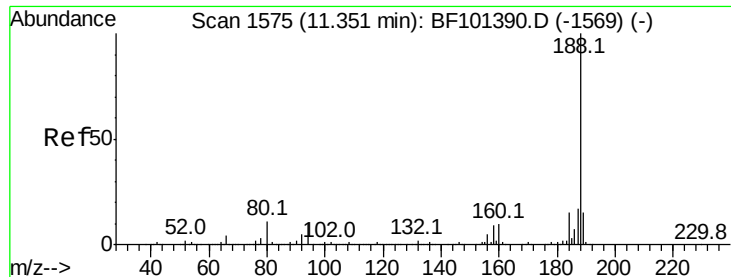
171 35.7 29.7 44.5

170 23.9 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

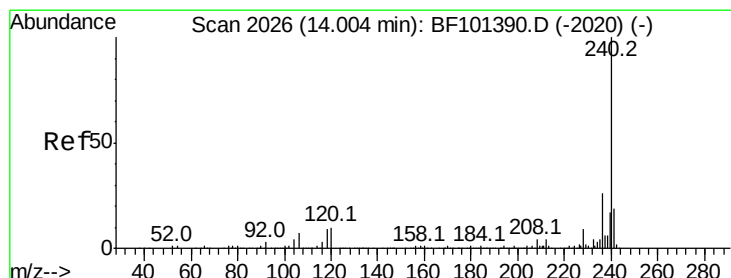
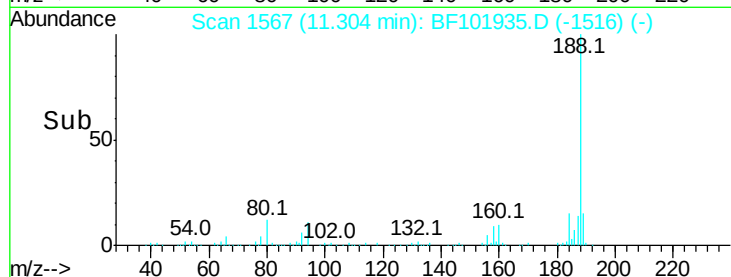
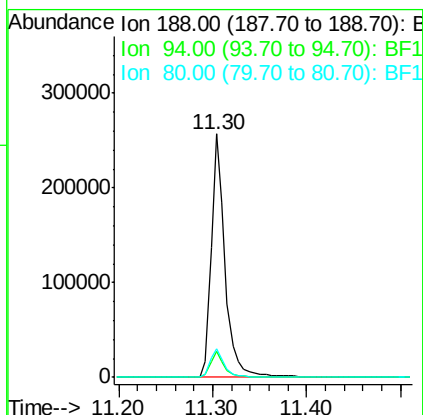
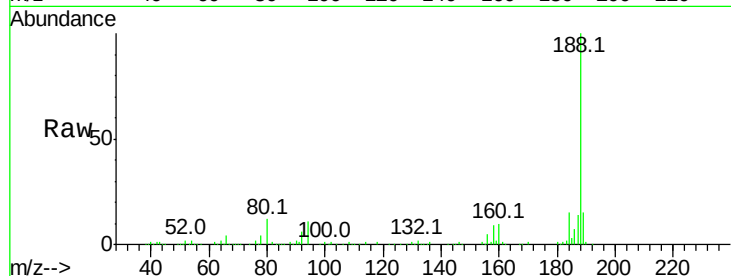




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

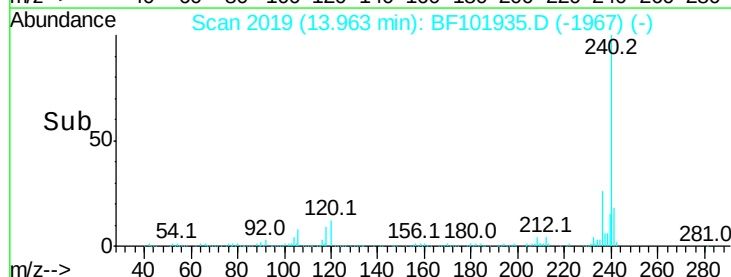
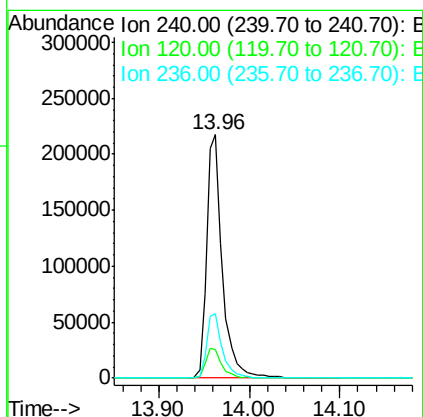
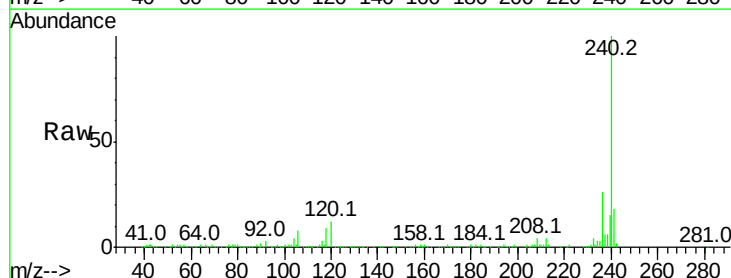
Instrument :
BNA_F
ClientSampleId :
JC-03-010318-G

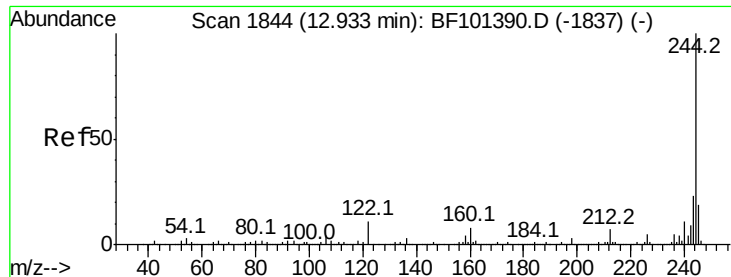
Tot Ion:188 Resp: 268287
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF101935.D
Acq: 5 Jan 2018 17:42

Tgt Ion:240 Resp: 264810
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 78.498 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF101935.D

Acq: 5 Jan 2018 17:42

Instrument :

BNA_F

ClientSampleId :

JC-03-010318-G

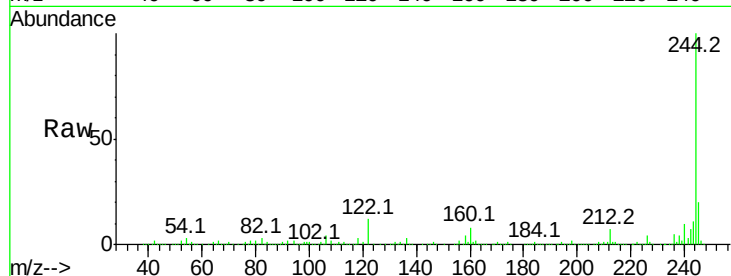
Tot Ion:244 Resp: 862263

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

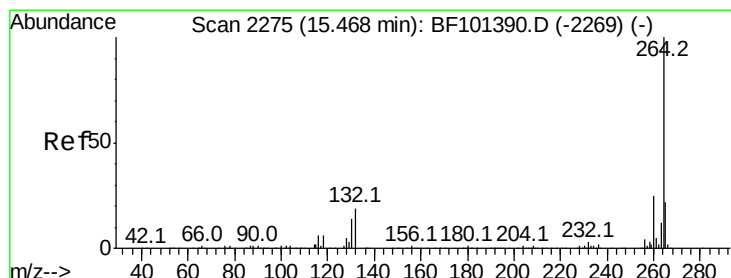
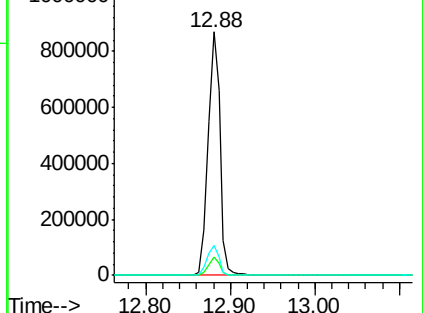
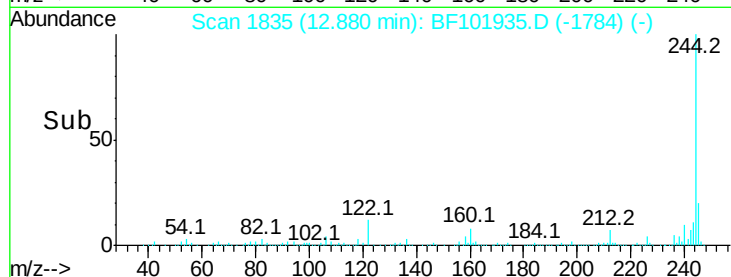
122 12.4 11.0 16.4



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: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF101935.D

Acq: 5 Jan 2018 17:42

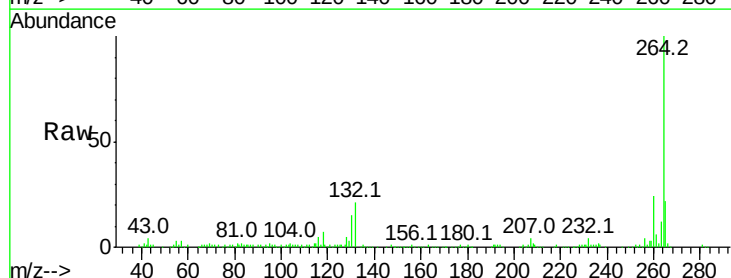
Tgt Ion:264 Resp: 206288

Ion Ratio Lower Upper

264 100

260 24.3 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

