

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104591.D
 Acq On : 18 Apr 2018 10:39
 Operator : JU/SJ
 Sample : J2387-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180246-AMEND-COMP-C

Quant Time: Apr 18 12:05:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 11:52:19 2018
 Response via : Initial Calibration

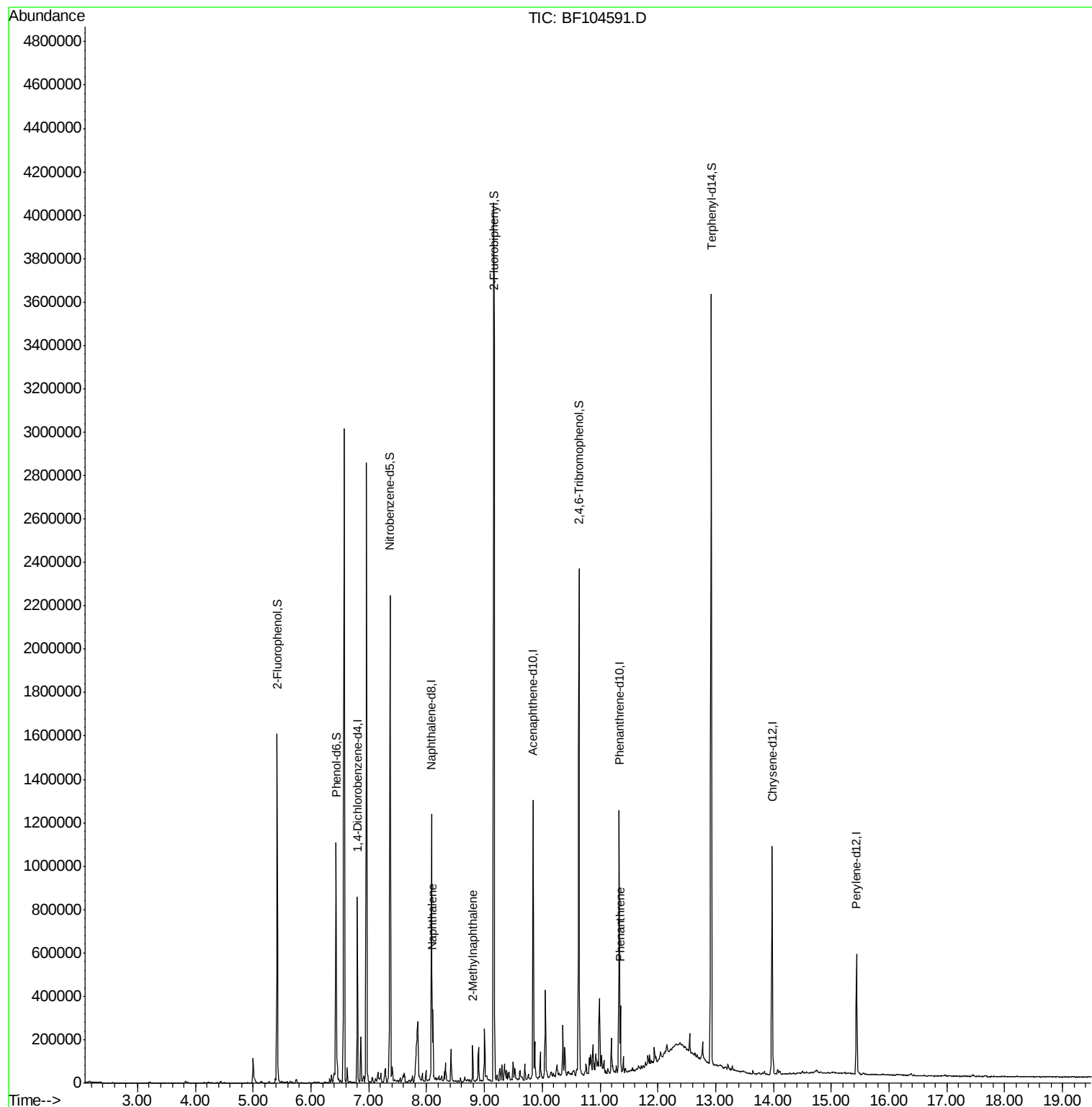
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	128887	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	528077	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	247130	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	444854	20.00	ng	0.00
75) Chrysene-d12	13.97	240	326614	20.00	ng	0.00
86) Perylene-d12	15.44	264	248694	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	465966	55.28	ng	0.00
7) Phenol-d6	6.43	99	344829	33.30	ng	0.00
23) Nitrobenzene-d5	7.37	82	841270	104.03	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	345295	134.69	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1421199	90.85	ng	0.00
78) Terphenyl-d14	12.92	244	1439009	100.45	ng	0.00
Target Compounds						
31) Naphthalene	8.10	128	165179	6.282	ng	98
37) 2-Methylnaphthalene	8.80	142	35201	2.070	ng	97
70) Phenanthrene	11.35	178	99804	4.029	ng	97

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

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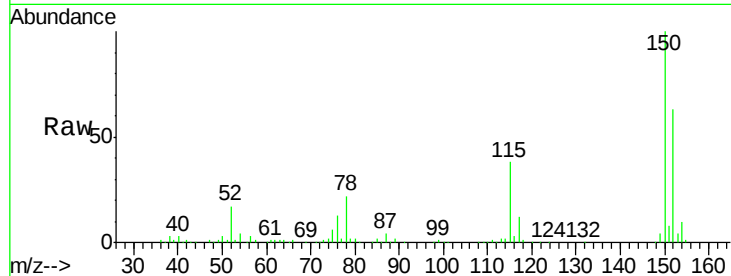


#1

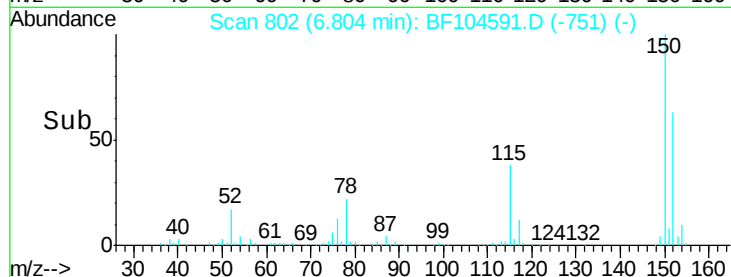
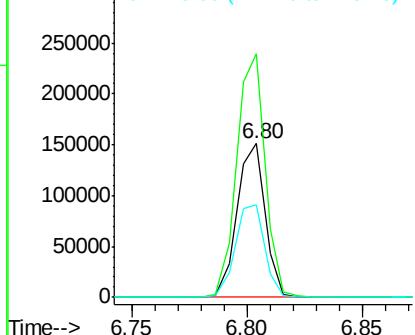
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104591.D
Acq: 18 Apr 2018 10:39

Instrument :
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20180246-AMEND-COMP-C

Tot Ion:152 Resp: 128887
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 60.2 50.1 75.1



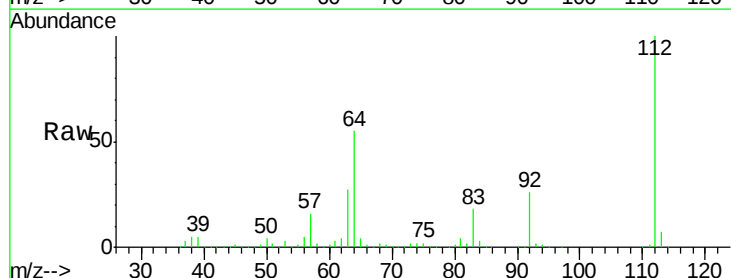
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



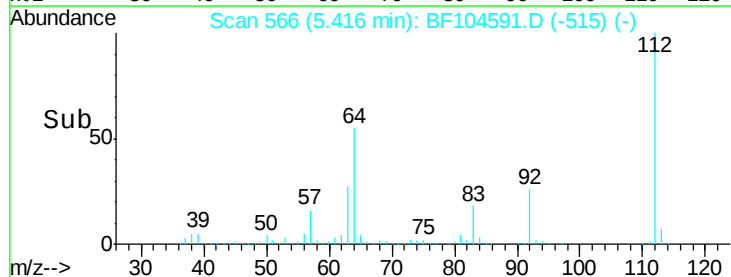
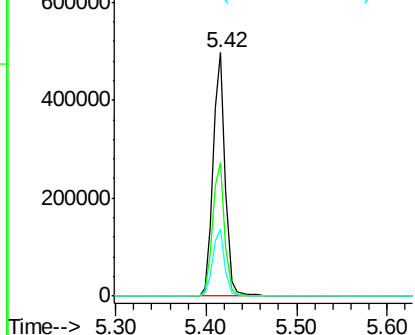
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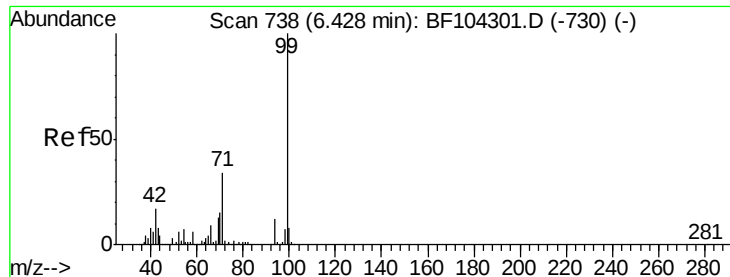
2-Fluorophenol
Concen: 55.280 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104591.D
Acq: 18 Apr 2018 10:39

Tgt Ion:112 Resp: 465966
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
63 27.5 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: 33.295 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104591.D

Acq: 18 Apr 2018 10:39

Instrument :

BNA_F

ClientSampleId :

20180246-AMEND-COMP-C

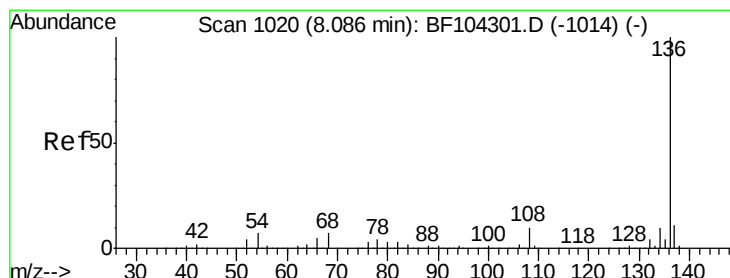
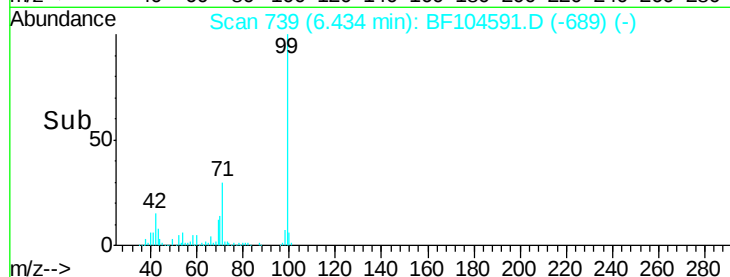
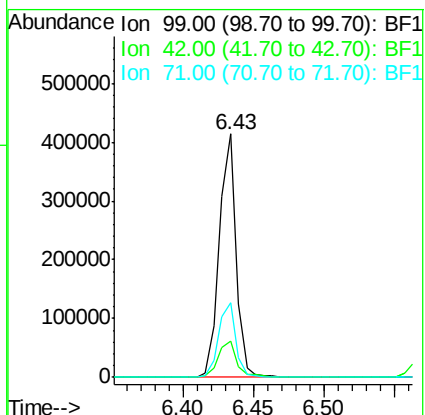
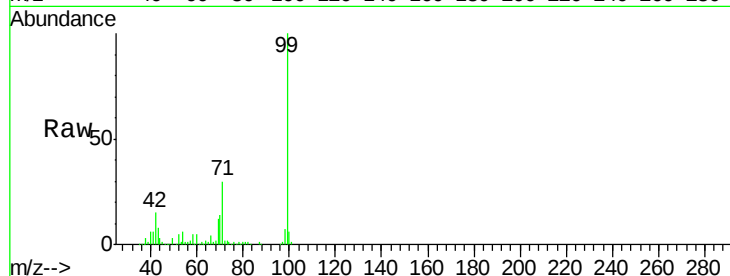
Tot Ion: 99 Resp: 344829

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

71 30.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104591.D

Acq: 18 Apr 2018 10:39

Tgt Ion: 136 Resp: 528077

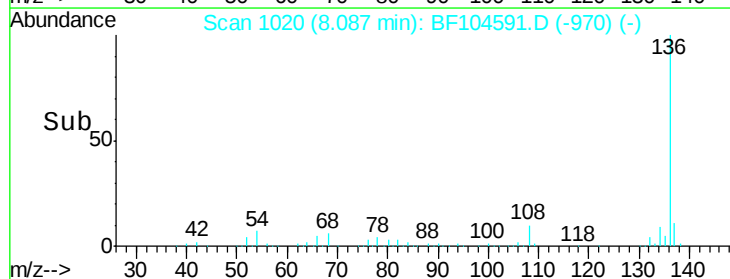
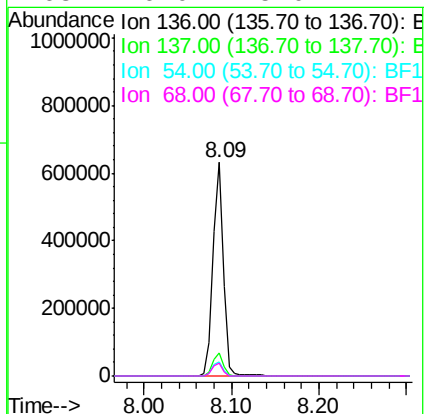
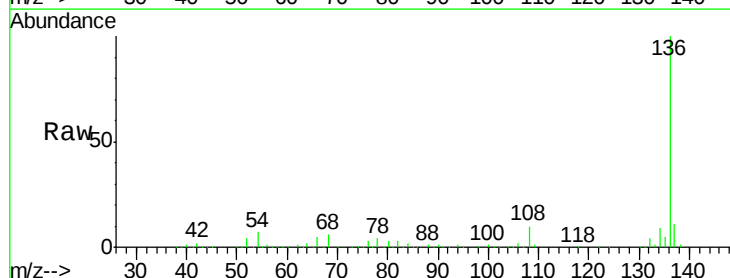
Ion Ratio Lower Upper

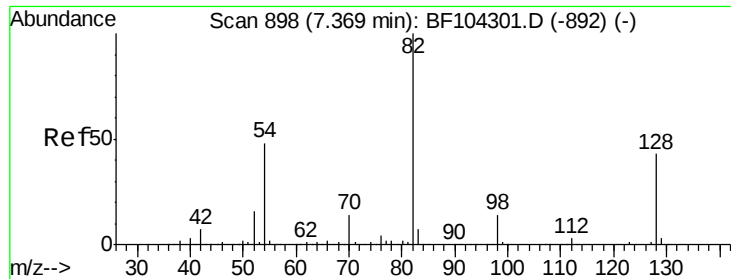
136 100

137 10.8 8.9 13.3

54 6.7 6.6 9.8

68 6.0 5.0 7.4

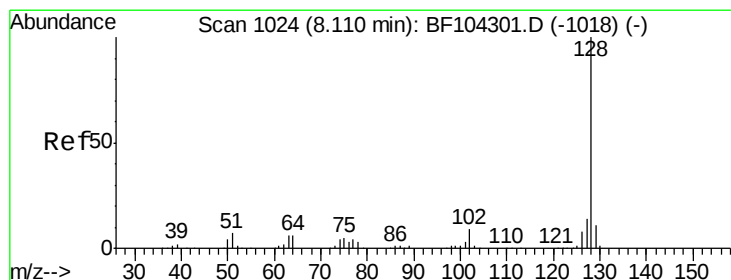
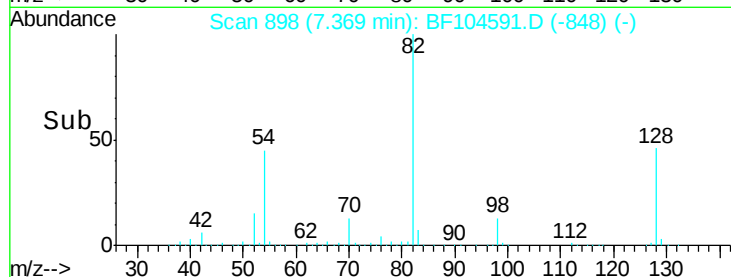
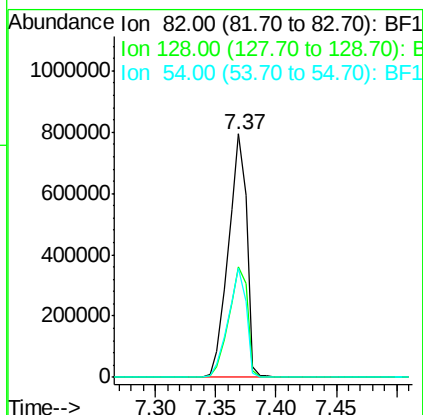
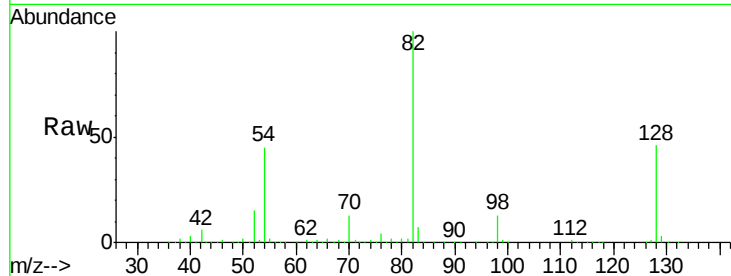




#23
 Nitrobenzene-d5
 Concen: 104.025 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104591.D
 Acq: 18 Apr 2018 10:39

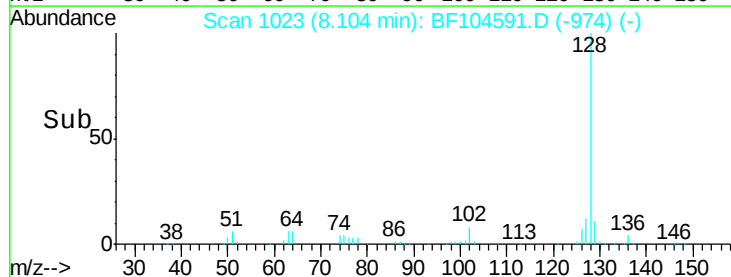
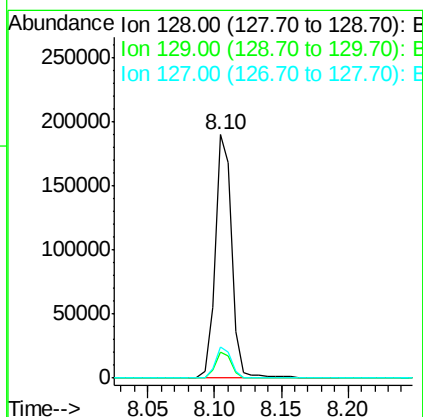
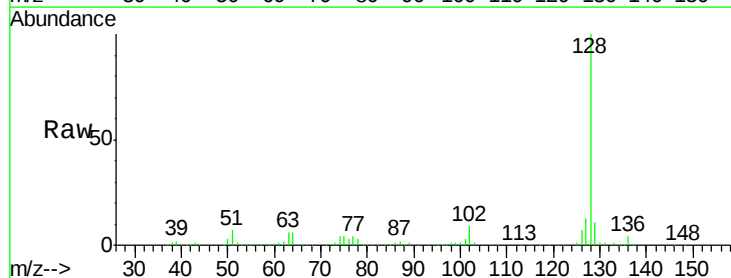
Instrument :
 BNA_F
 ClientSampleId :
 20180246-AMEND-COMP-C

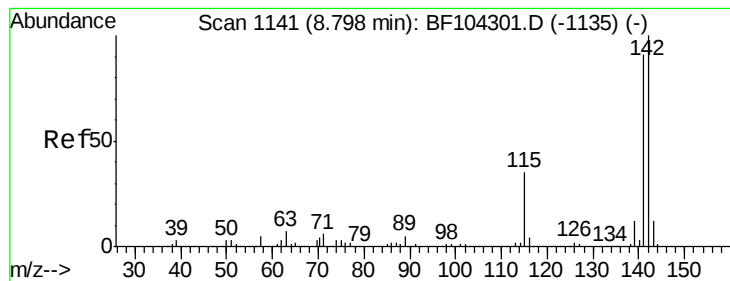
Tot Ion: 82 Resp: 841270
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 44.9 41.4 62.2



#31
 Naphthalene
 Concen: 6.282 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF104591.D
 Acq: 18 Apr 2018 10:39

Tgt Ion: 128 Resp: 165179
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.8 13.2
 127 12.6 10.9 16.3

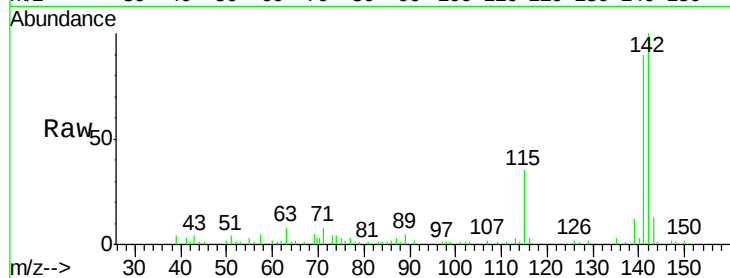




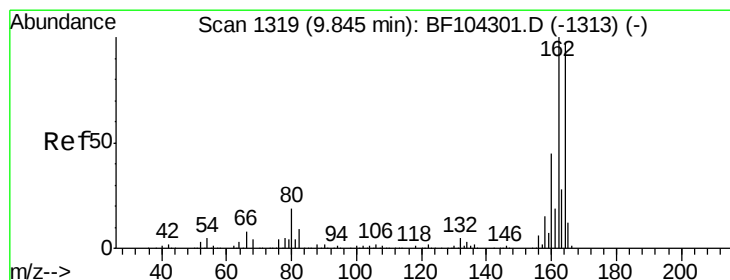
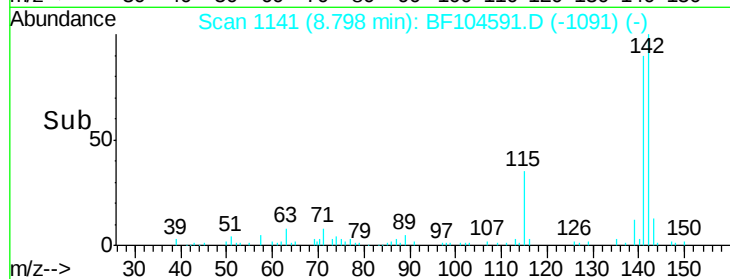
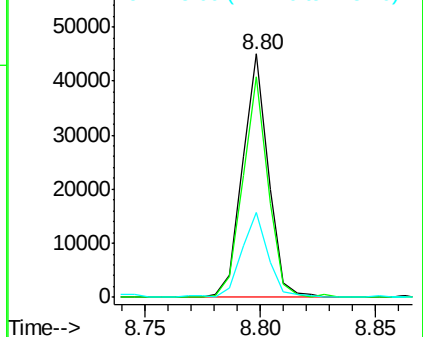
#37
 2-Methylnaphthalene
 Concen: 2.070 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF104591.D
 Acq: 18 Apr 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :
 20180246-AMEND-COMP-C

Tot Ion:142 Resp: 35201
 Ion Ratio Lower Upper
 142 100
 141 90.4 70.8 106.2
 115 34.8 26.1 39.1

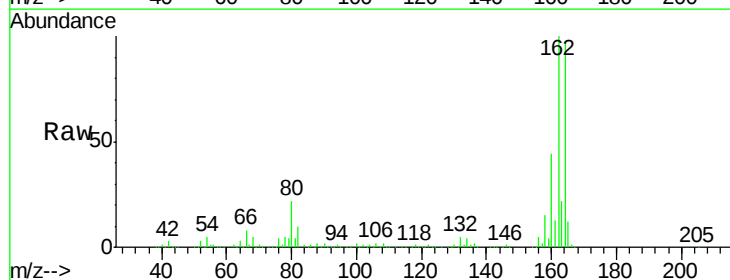


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

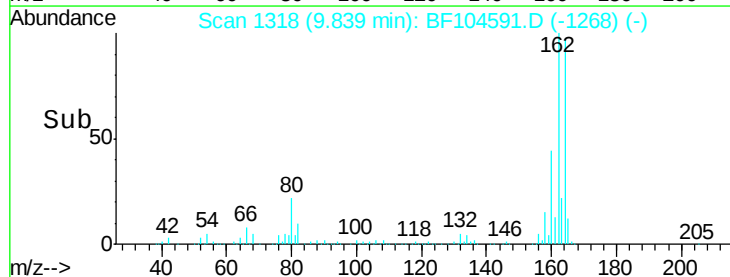
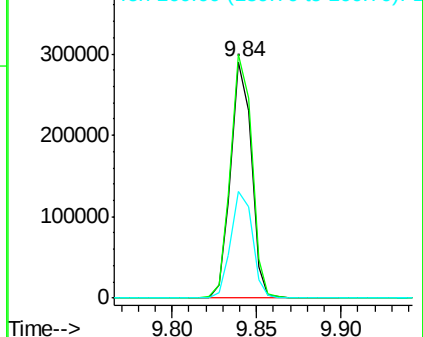


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104591.D
 Acq: 18 Apr 2018 10:39

Tgt Ion:164 Resp: 247130
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 44.9 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

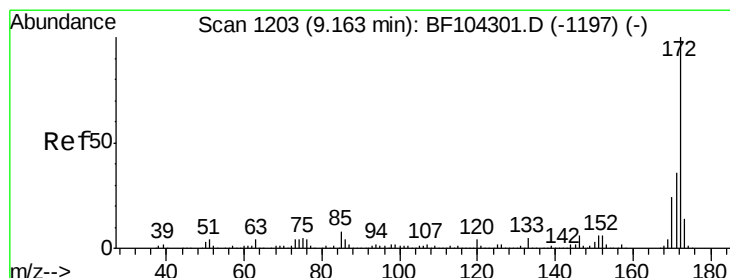
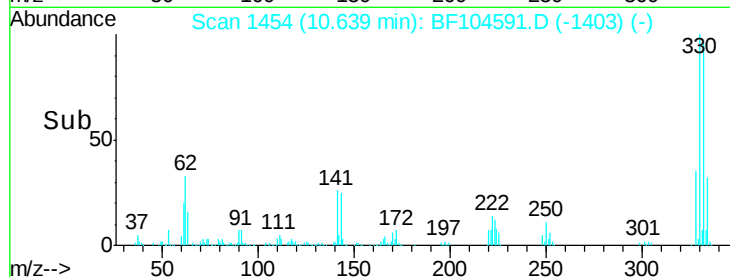
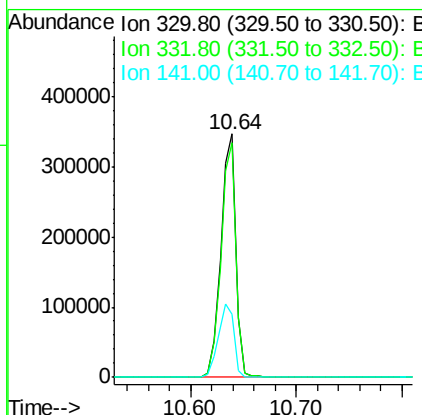
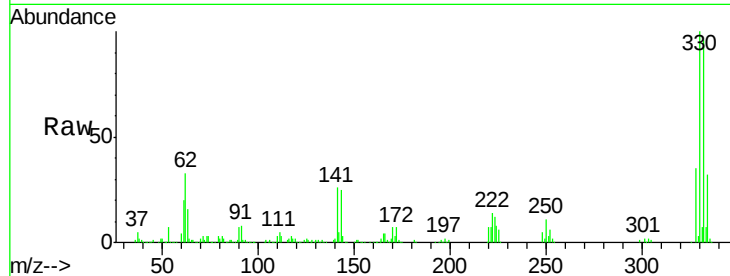




#41
 2,4,6-Tribromophenol
 Concen: 134.694 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104591.D
 Acq: 18 Apr 2018 10:39

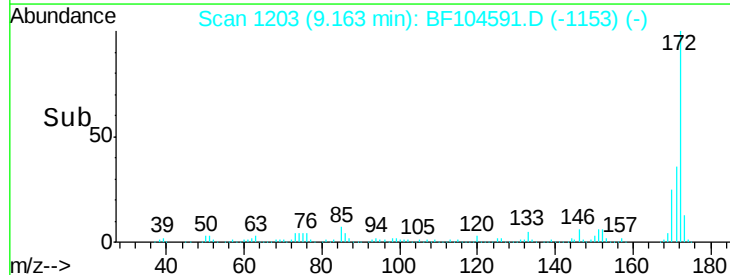
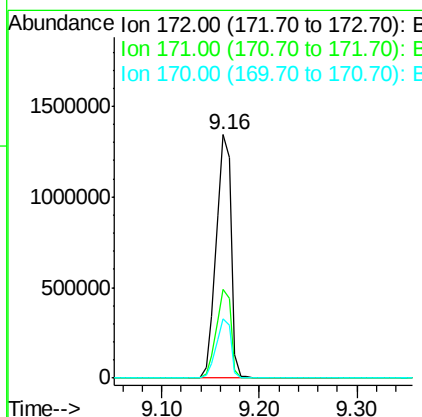
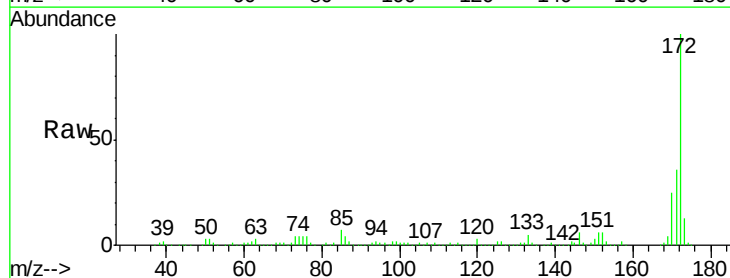
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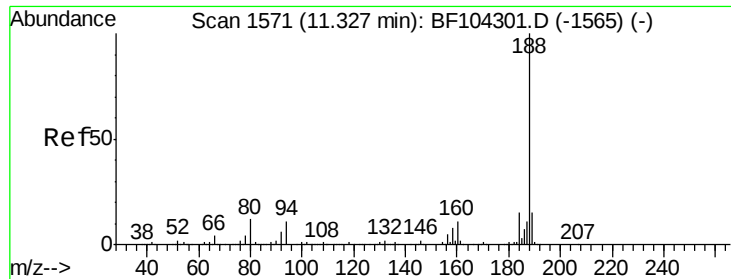
Tot Ion:330 Resp: 345295
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 32.4 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 90.849 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104591.D
 Acq: 18 Apr 2018 10:39

Tgt Ion:172 Resp: 1421199
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.5 19.6 29.4

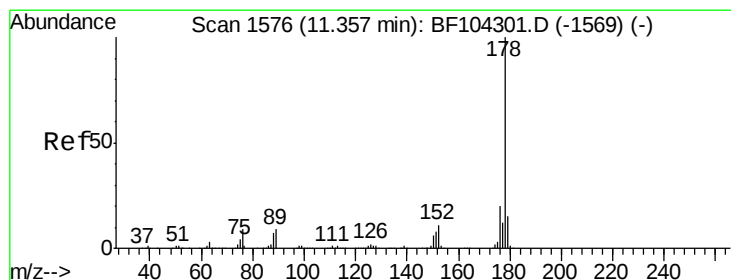
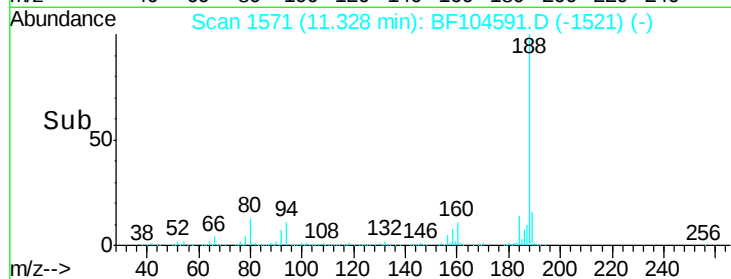
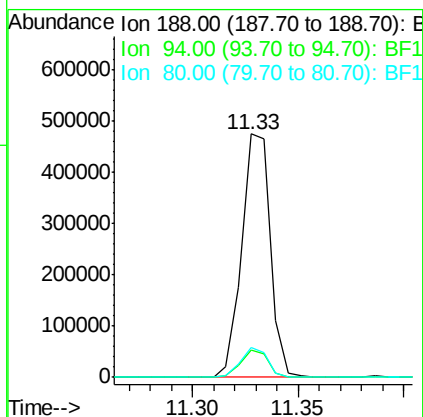
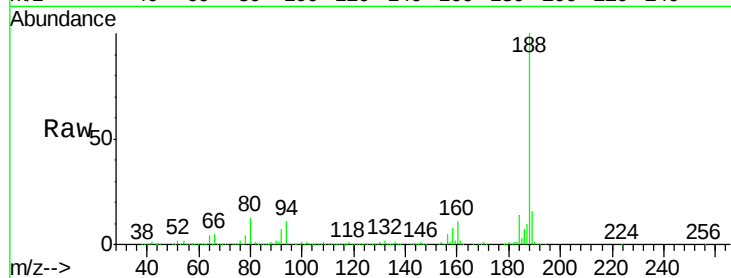




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104591.D
Acq: 18 Apr 2018 10:39

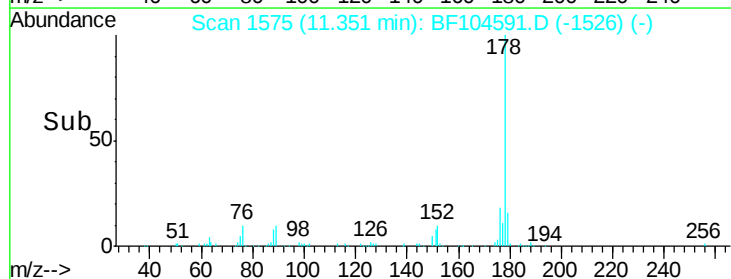
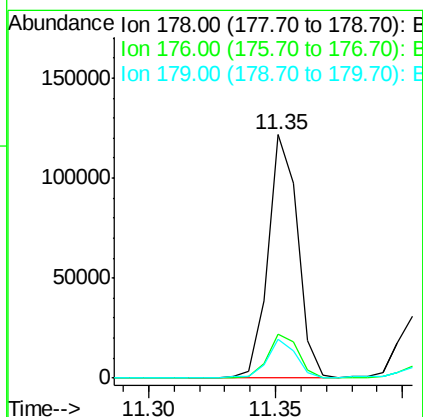
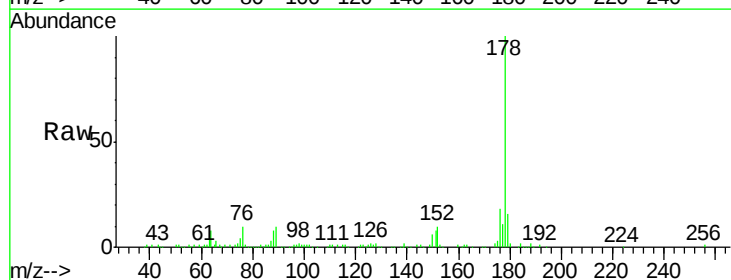
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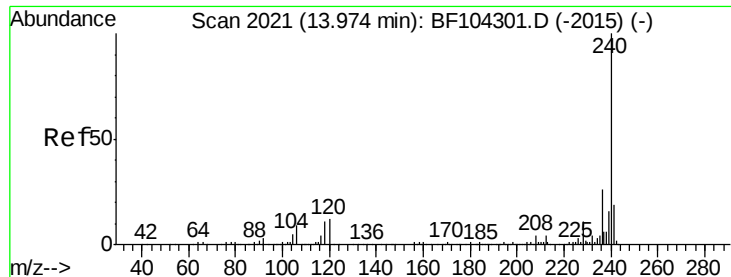
Tot Ion:188 Resp: 444854
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.5 9.2 13.8



#70
Phenanthrene
Concen: 4.029 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104591.D
Acq: 18 Apr 2018 10:39

Tgt Ion:178 Resp: 99804
Ion Ratio Lower Upper
178 100
176 17.9 15.8 23.8
179 15.7 13.0 19.6

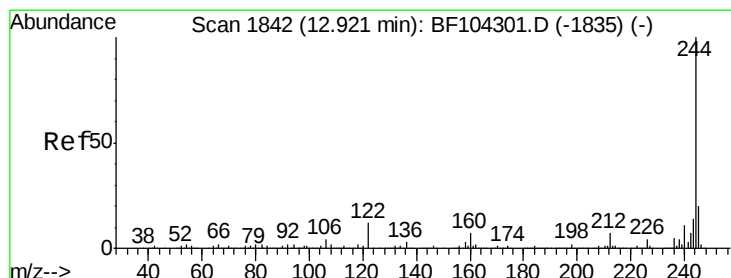
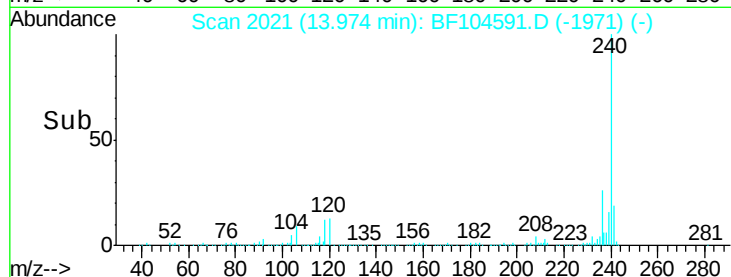
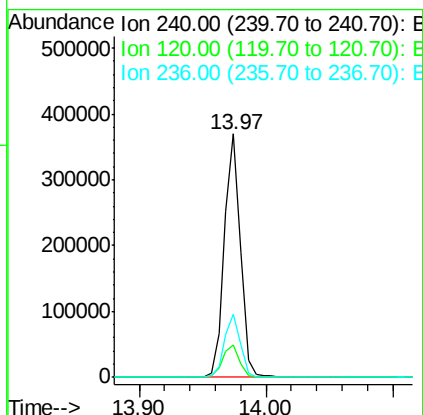
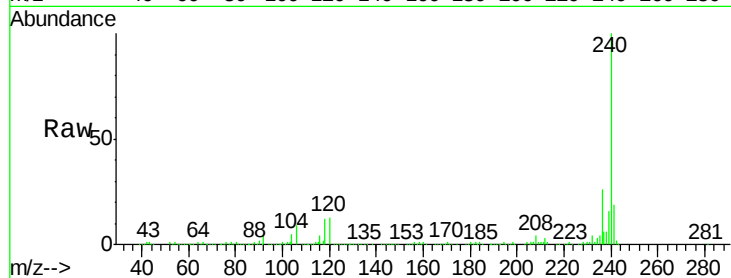




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104591.D
Acq: 18 Apr 2018 10:39

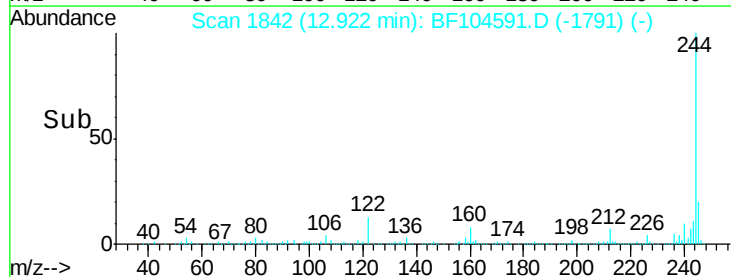
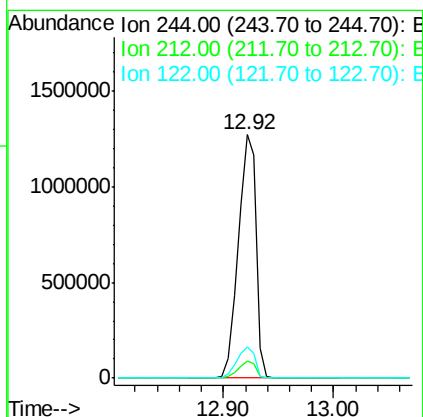
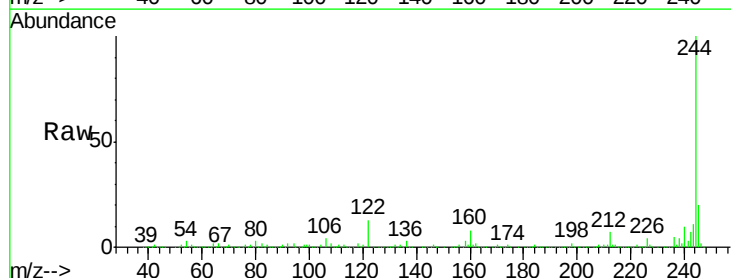
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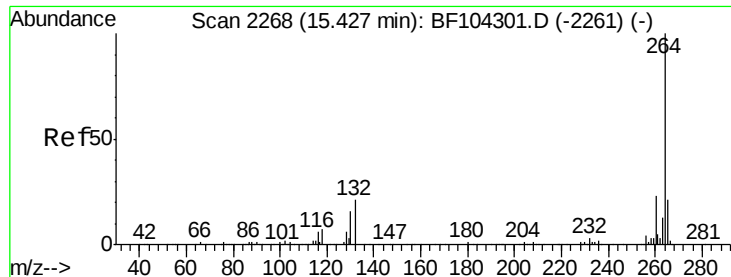
Tot Ion:240 Resp: 326614
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 25.8 20.7 31.1



#78
Terphenyl-d14
Concen: 100.446 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104591.D
Acq: 18 Apr 2018 10:39

Tgt Ion:244 Resp: 1439009
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 12.8 11.0 16.4

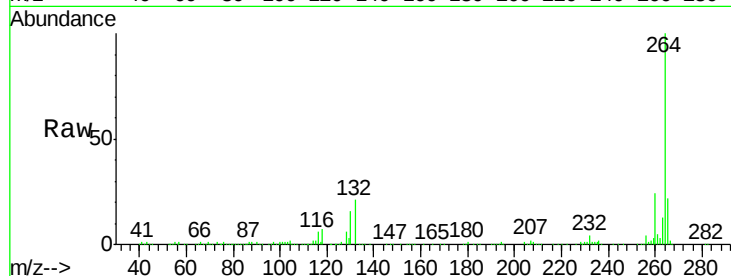




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF104591.D
 Acq: 18 Apr 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :
 20180246-AMEND-COMP-C

Tot Ion: 264 Resp: 248694
 Ion Ratio Lower Upper
 264 100
 260 23.6 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

