

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101900.D
 Acq On : 4 Jan 2018 19:28
 Operator : SJ/JU
 Sample : J1012-07 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jan 05 00:58:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

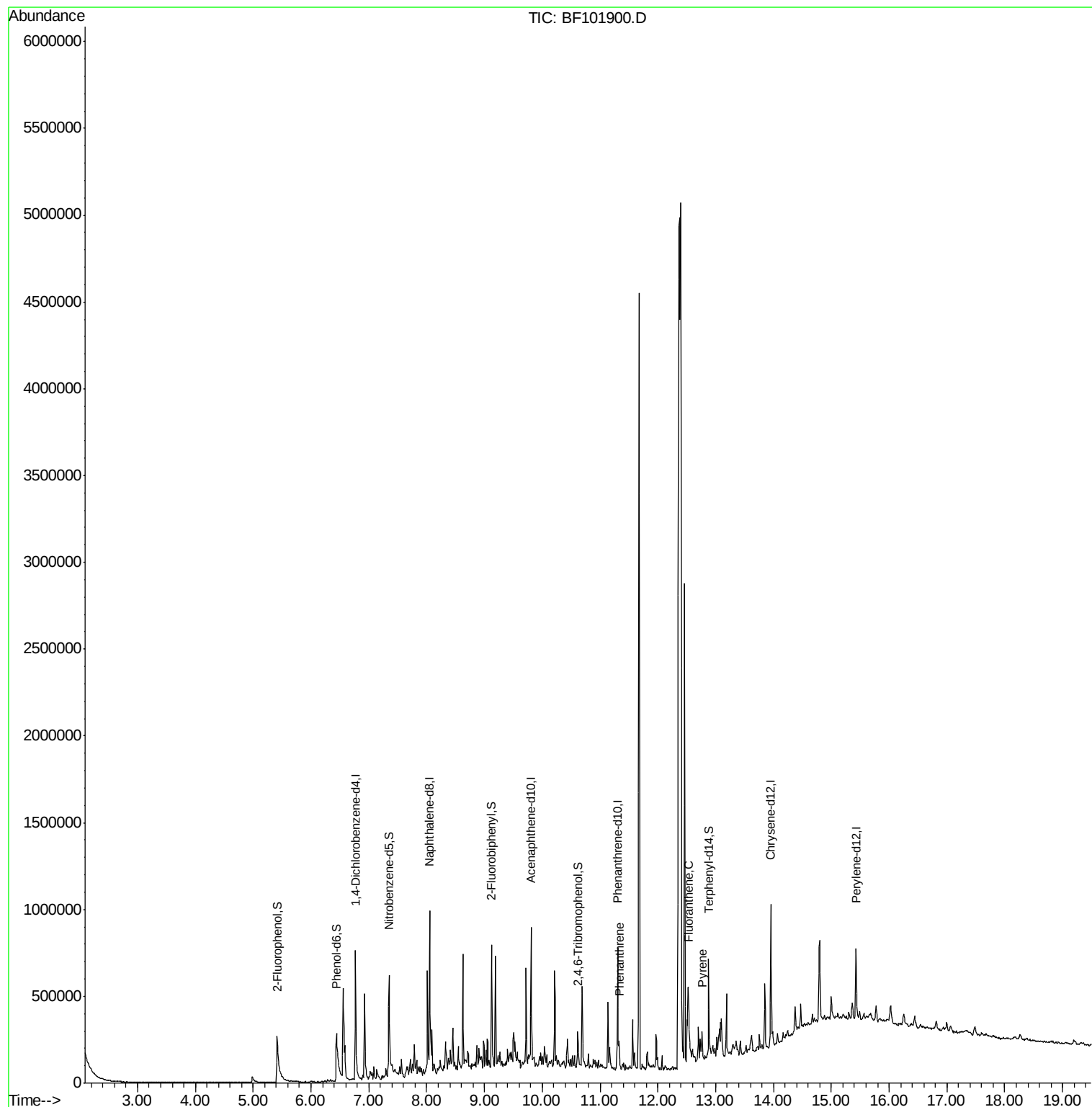
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	126118	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	470022	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	166791	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	260435	20.00	ng	0.00
75) Chrysene-d12	13.96	240	284822	20.00	ng	0.00
86) Perylene-d12	15.43	264	219177	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	210368	24.85	ng	0.02
7) Phenol-d6	6.44	99	263888	25.04	ng	0.02
23) Nitrobenzene-d5	7.35	82	151018	17.89	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	26821	16.69	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	224109	20.84	ng	0.00
78) Terphenyl-d14	12.88	244	172728	14.62	ng	0.00
Target Compounds						
70) Phenanthrene	11.33	178	56312	3.888	ng	98
74) Fluoranthene	12.53	202	68136	4.482	ng	96
77) Pyrene	12.76	202	64570	3.021	ng	99

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

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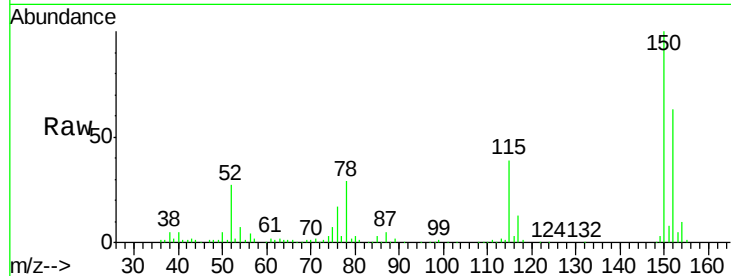


#1

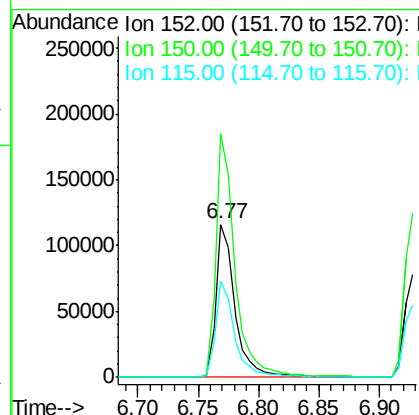
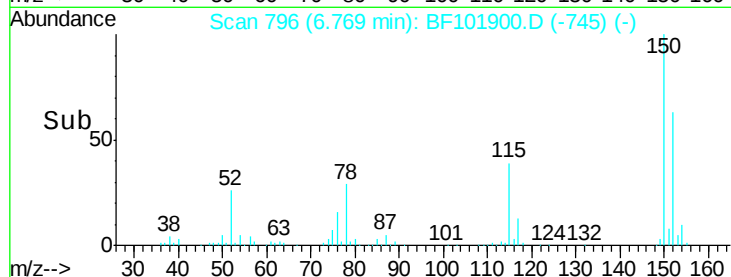
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF101900.D
Acq: 4 Jan 2018 19:28

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

Tot Ion:152 Resp: 126118
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 62.7 50.1 75.1



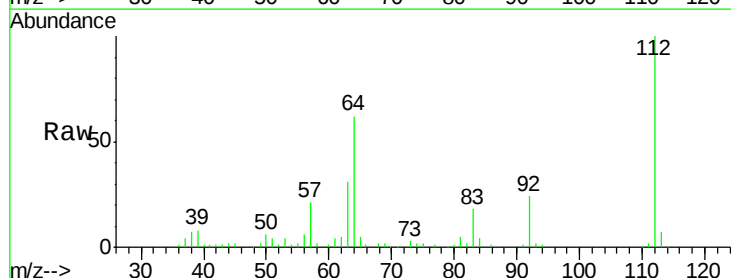
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



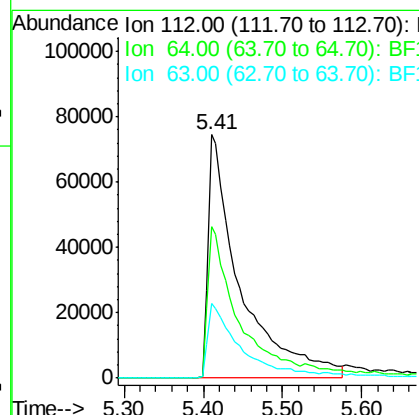
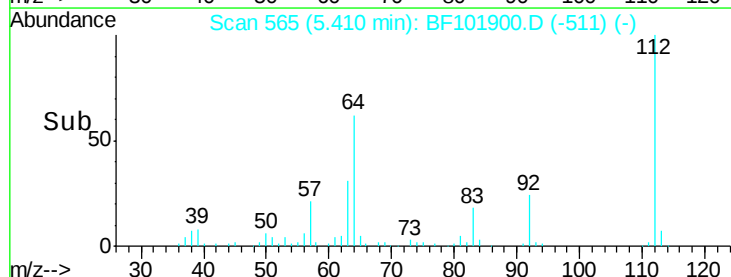
#5

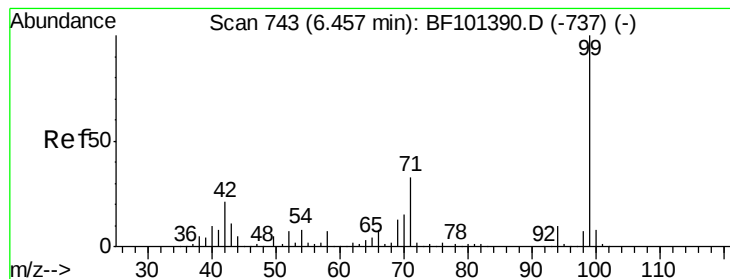
2-Fluorophenol
Concen: 24.847 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF101900.D
Acq: 4 Jan 2018 19:28

Tgt Ion:112 Resp: 210368
Ion Ratio Lower Upper
112 100
64 62.3 47.9 71.9
63 30.6 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: 25.044 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.02 min

Lab File: BF101900.D

Acq: 4 Jan 2018 19:28

Instrument :

BNA_F

ClientSampleId :

JC-03-010318-D

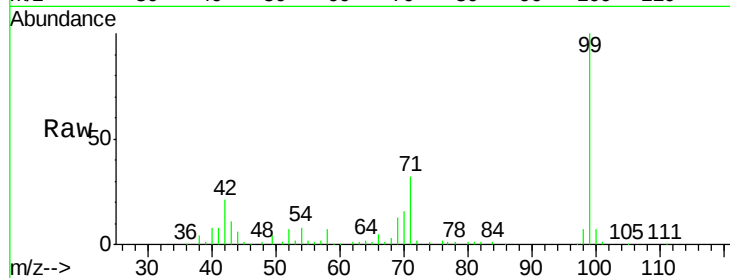
Tot Ion: 99 Resp: 263888

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

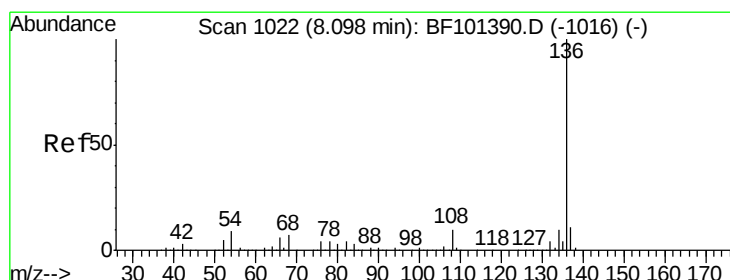
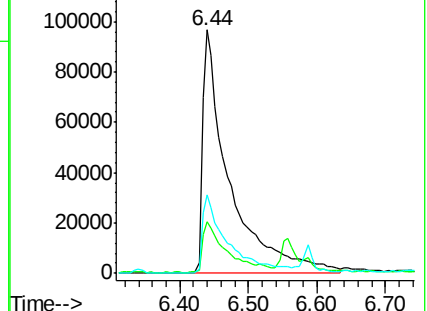
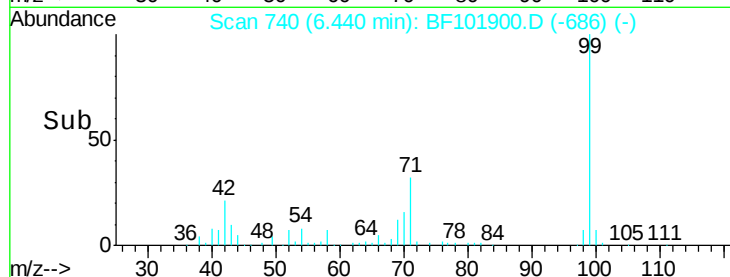
71 32.1 25.4 38.0



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: 8.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF101900.D

Acq: 4 Jan 2018 19:28

Tgt Ion: 136 Resp: 470022

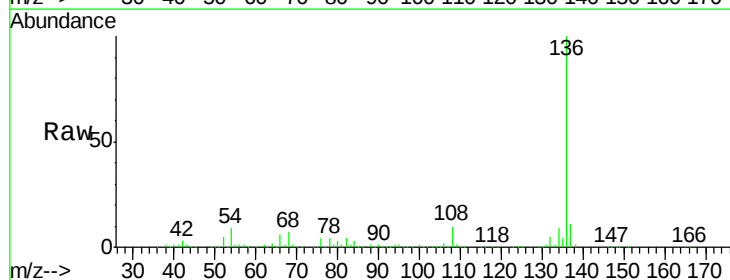
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.1 6.6 9.8

68 6.9 5.0 7.4

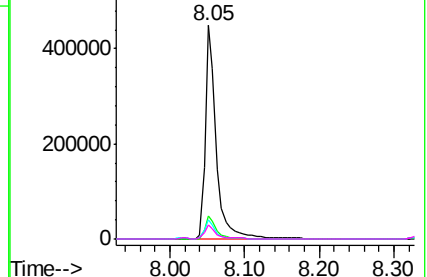
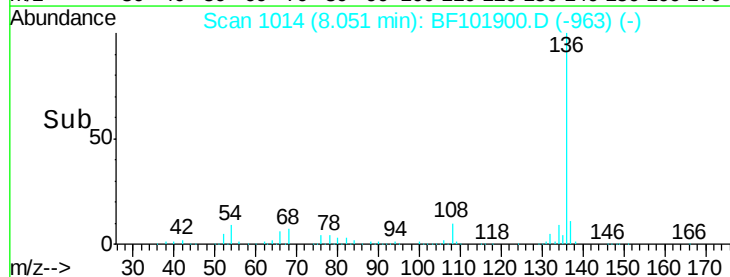


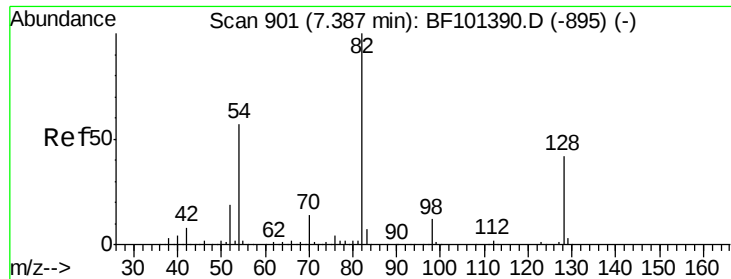
Abundance Ion 136.00 (135.70 to 136.70): E

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

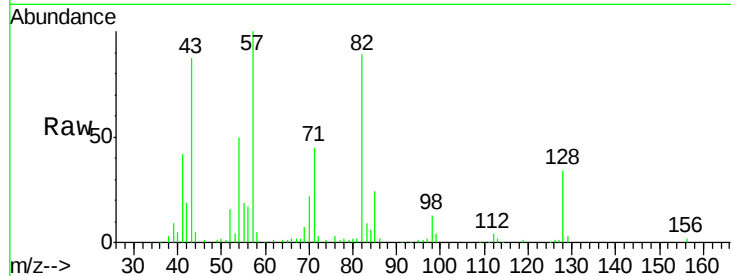




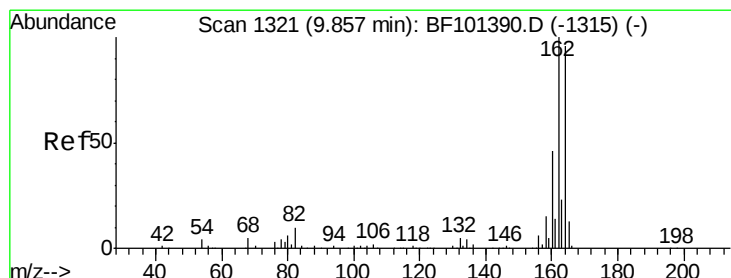
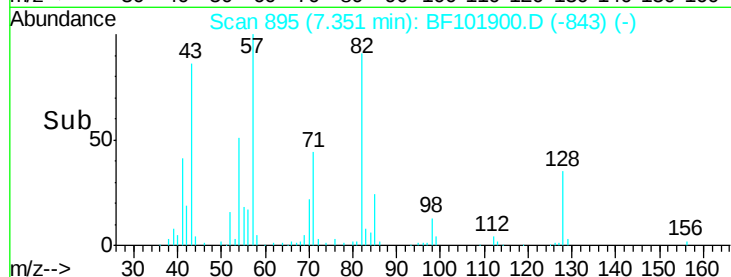
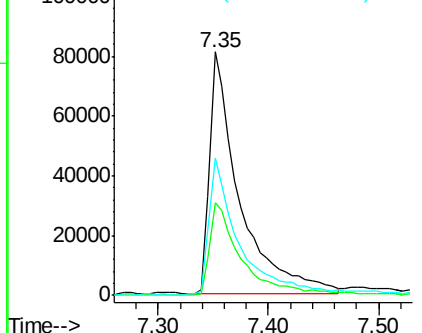
#23
 Nitrobenzene-d5
 Concen: 17.885 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.01 min
 Lab File: BF101900.D
 Acq: 4 Jan 2018 19:28

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

Tot Ion: 82 Resp: 151018
 Ion Ratio Lower Upper
 82 100
 128 38.1 36.1 54.1
 54 56.6 41.4 62.2

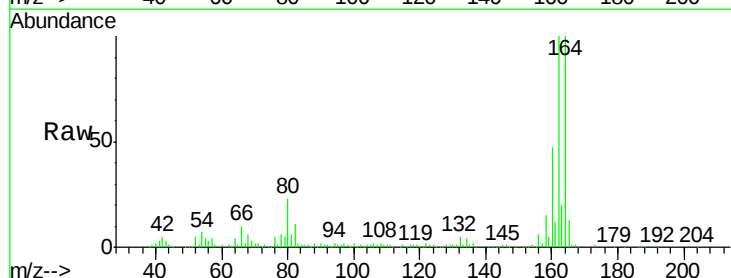


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

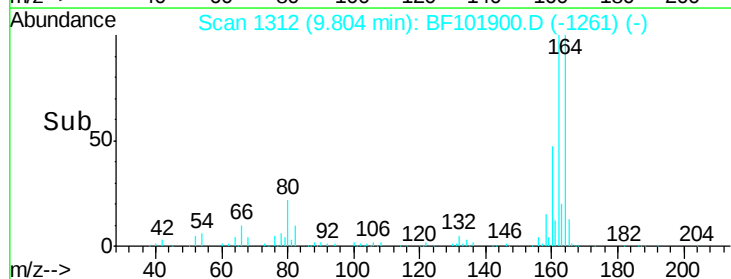
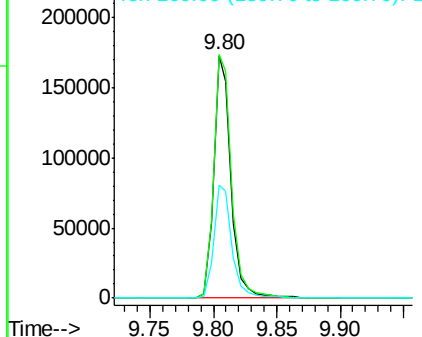


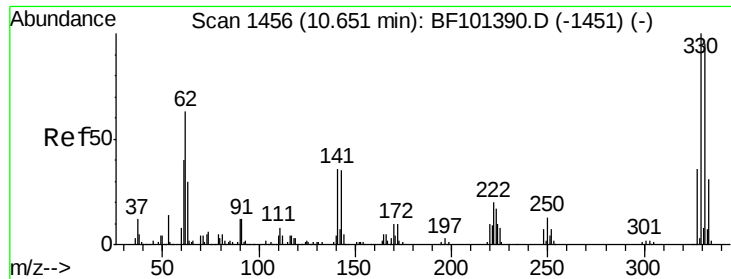
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF101900.D
 Acq: 4 Jan 2018 19:28

Tgt Ion:164 Resp: 166791
 Ion Ratio Lower Upper
 164 100
 162 100.4 86.1 129.1
 160 46.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

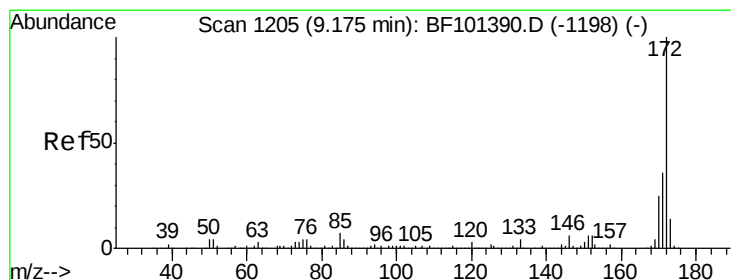
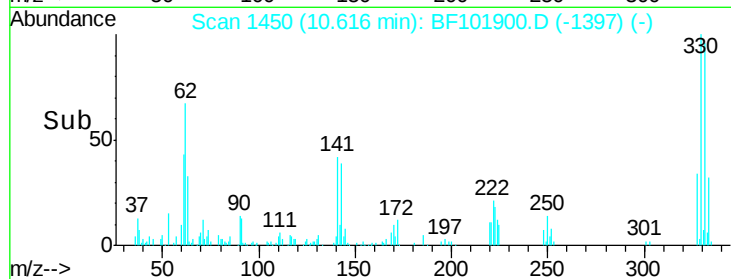
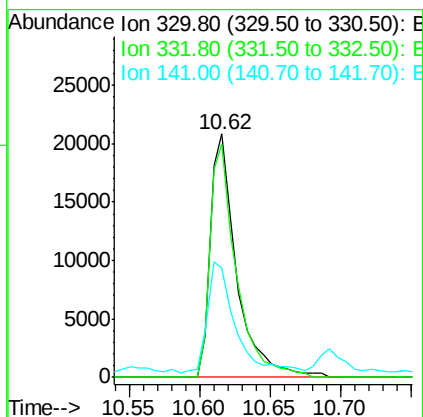
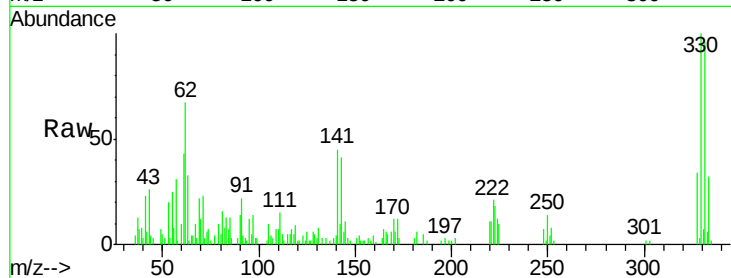




#41
 2,4,6-Tribromophenol
 Concen: 16.688 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF101900.D
 Acq: 4 Jan 2018 19:28

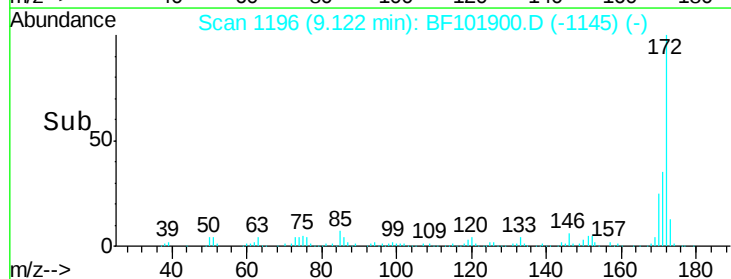
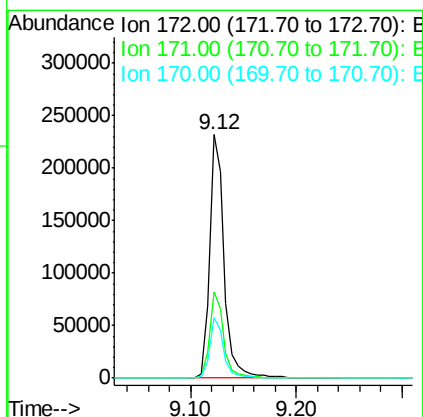
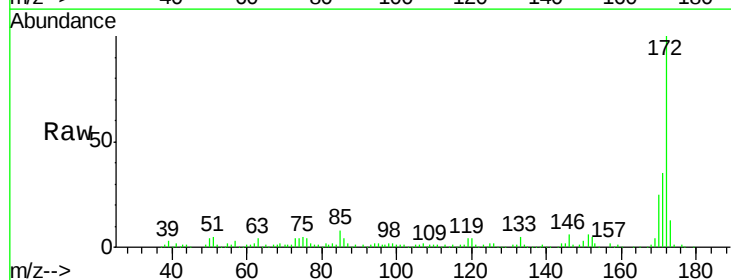
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-010318-D

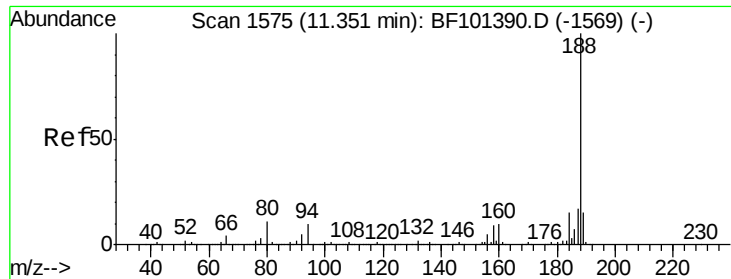
Tot Ion:330 Resp: 26821
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 49.0 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 20.843 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF101900.D
 Acq: 4 Jan 2018 19:28

Tgt Ion:172 Resp: 224109
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 24.7 19.6 29.4

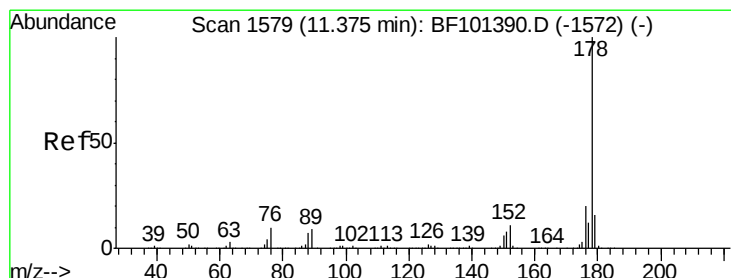
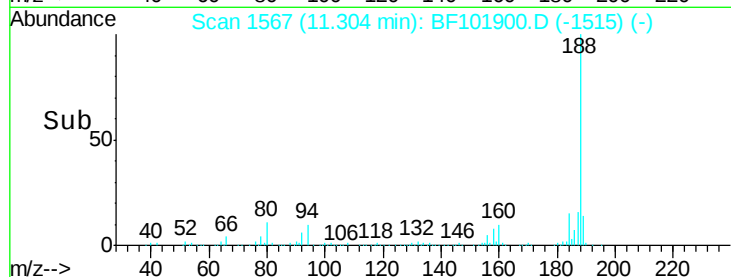
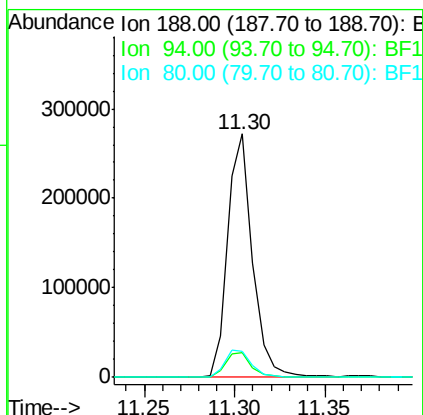
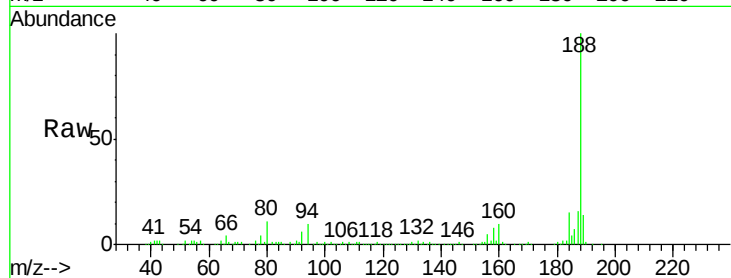




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF101900.D
Acq: 4 Jan 2018 19:28

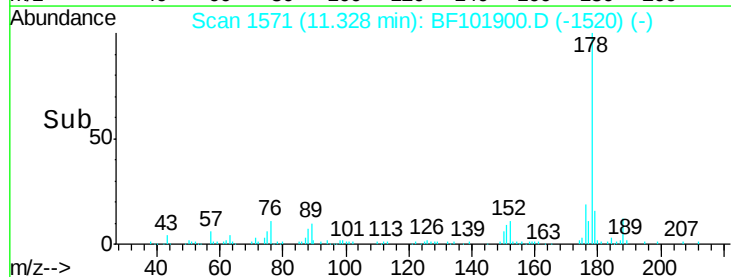
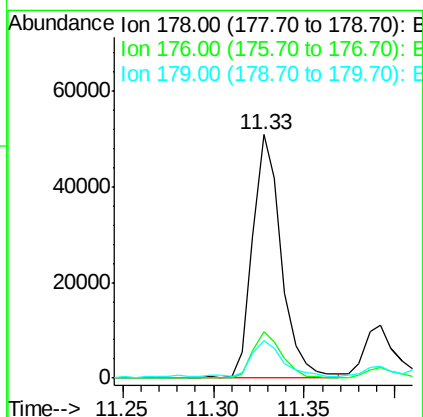
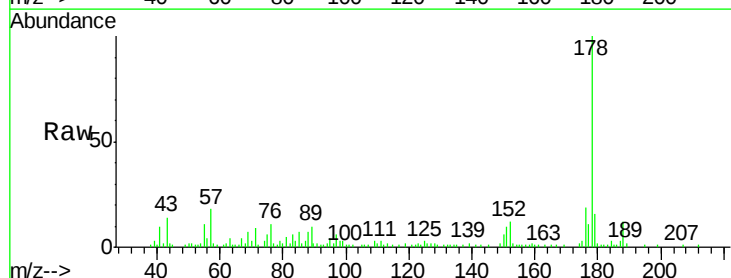
Instrument :
BNA_F
ClientSampleId :
JC-03-010318-D

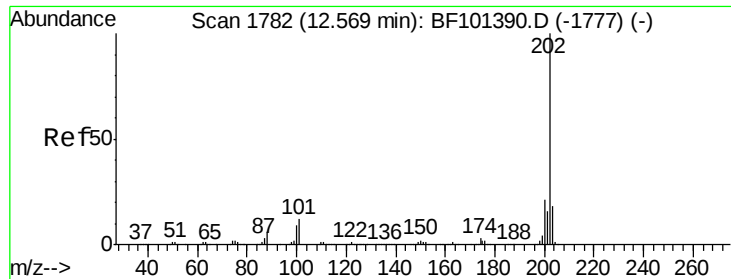
Tot Ion:188 Resp: 260435
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.7 9.2 13.8



#70
Phenanthrene
Concen: 3.888 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF101900.D
Acq: 4 Jan 2018 19:28

Tgt Ion:178 Resp: 56312
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.5 13.0 19.6





#74

Fluoranthene

Concen: 4.482 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BF101900.D

Acq: 4 Jan 2018 19:28

Instrument :

BNA_F

ClientSampleId :

JC-03-010318-D

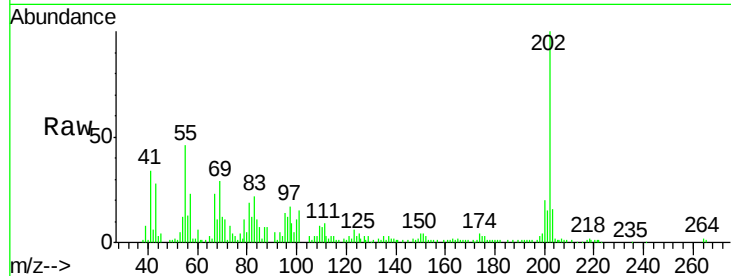
Tot Ion:202 Resp: 68136

Ion Ratio Lower Upper

202 100

101 15.4 0.0 34.1

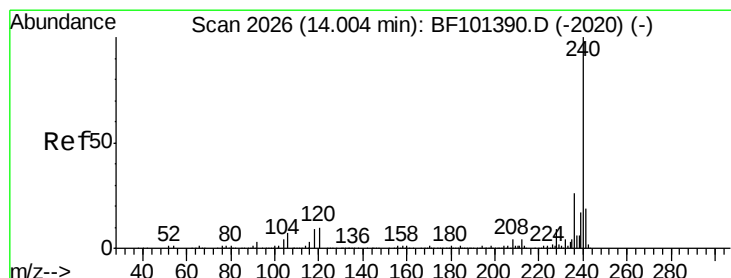
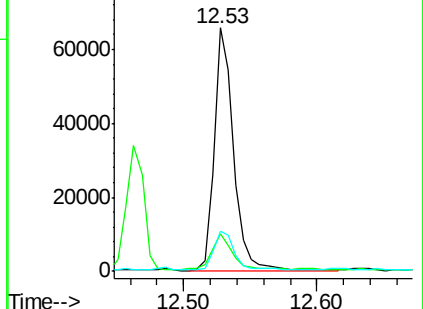
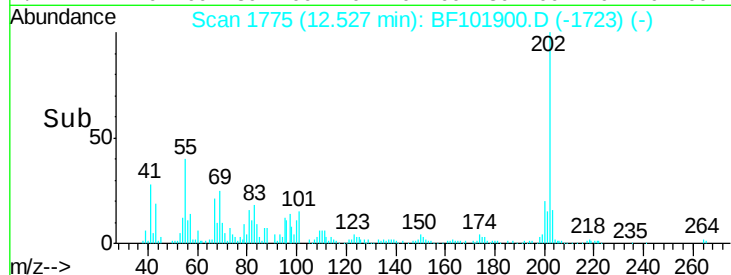
203 16.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF101900.D

Acq: 4 Jan 2018 19:28

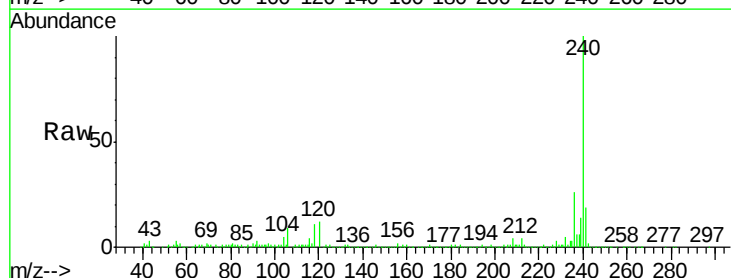
Tgt Ion:240 Resp: 284822

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

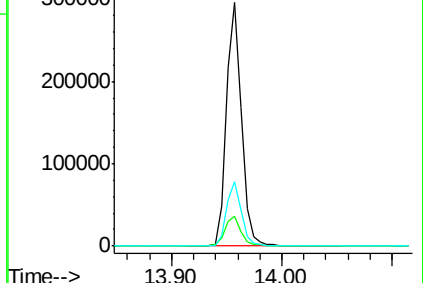
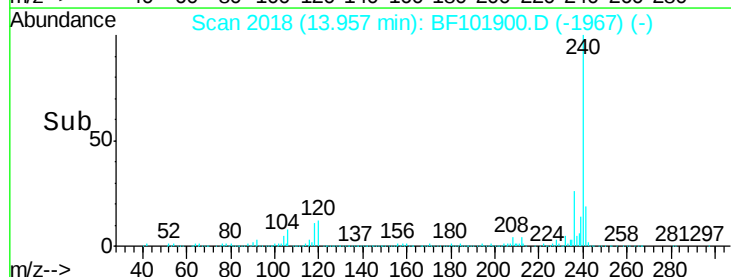
236 26.2 20.7 31.1

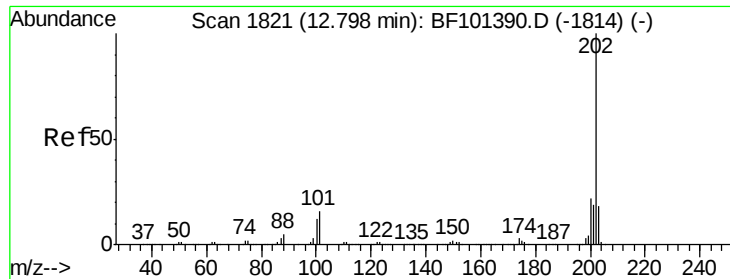


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

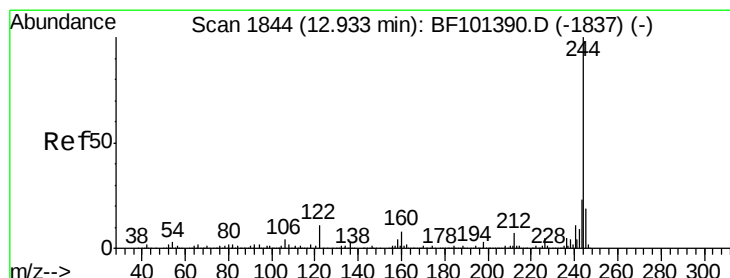
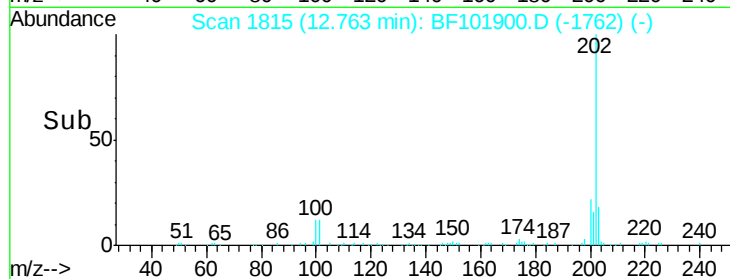
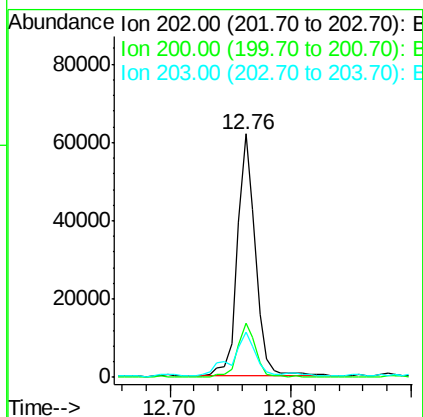
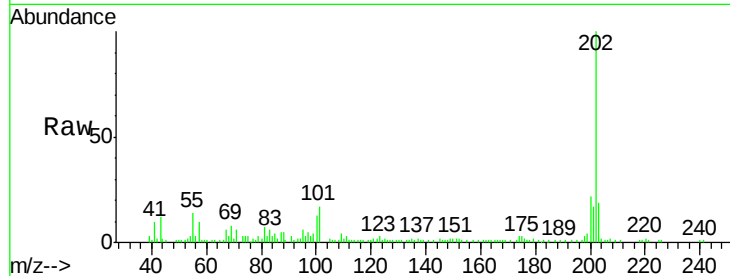




#77
Pvrene
Concen: 3.021 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF101900.D
Acq: 4 Jan 2018 19:28

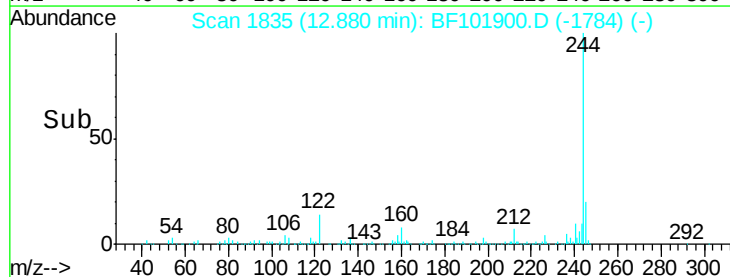
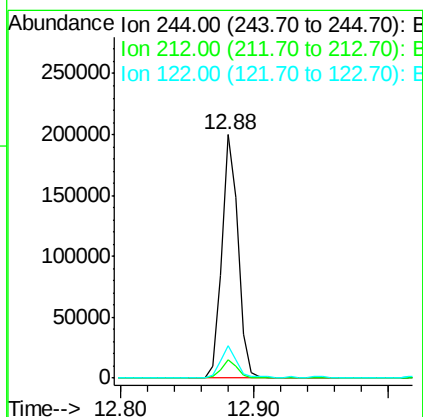
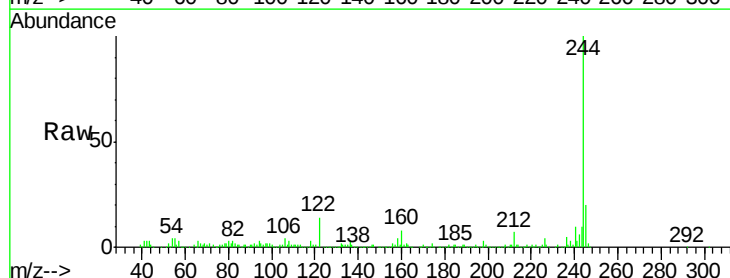
Instrument :
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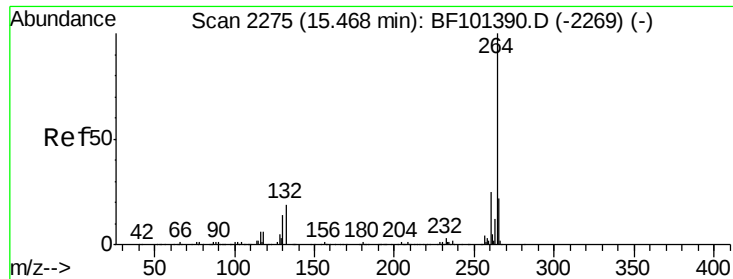
Tot Ion:202 Resp: 64570
Ion Ratio Lower Upper
202 100
200 22.3 17.4 26.2
203 18.5 14.3 21.5



#78
Terphenyl-d14
Concen: 14.620 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BF101900.D
Acq: 4 Jan 2018 19:28

Tgt Ion:244 Resp: 172728
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.0
122 13.6 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.01 min
 Lab File: BF101900.D
 Acq: 4 Jan 2018 19:28

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

Tot Ion:	264	Resp:	219177
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	23.0	17.5	26.3

