

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062718\
 Data File : BF106881.D
 Acq On : 27 Jun 2018 19:21
 Operator : JU/SJ
 Sample : J3242-05 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-C

Quant Time: Jun 28 00:53:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

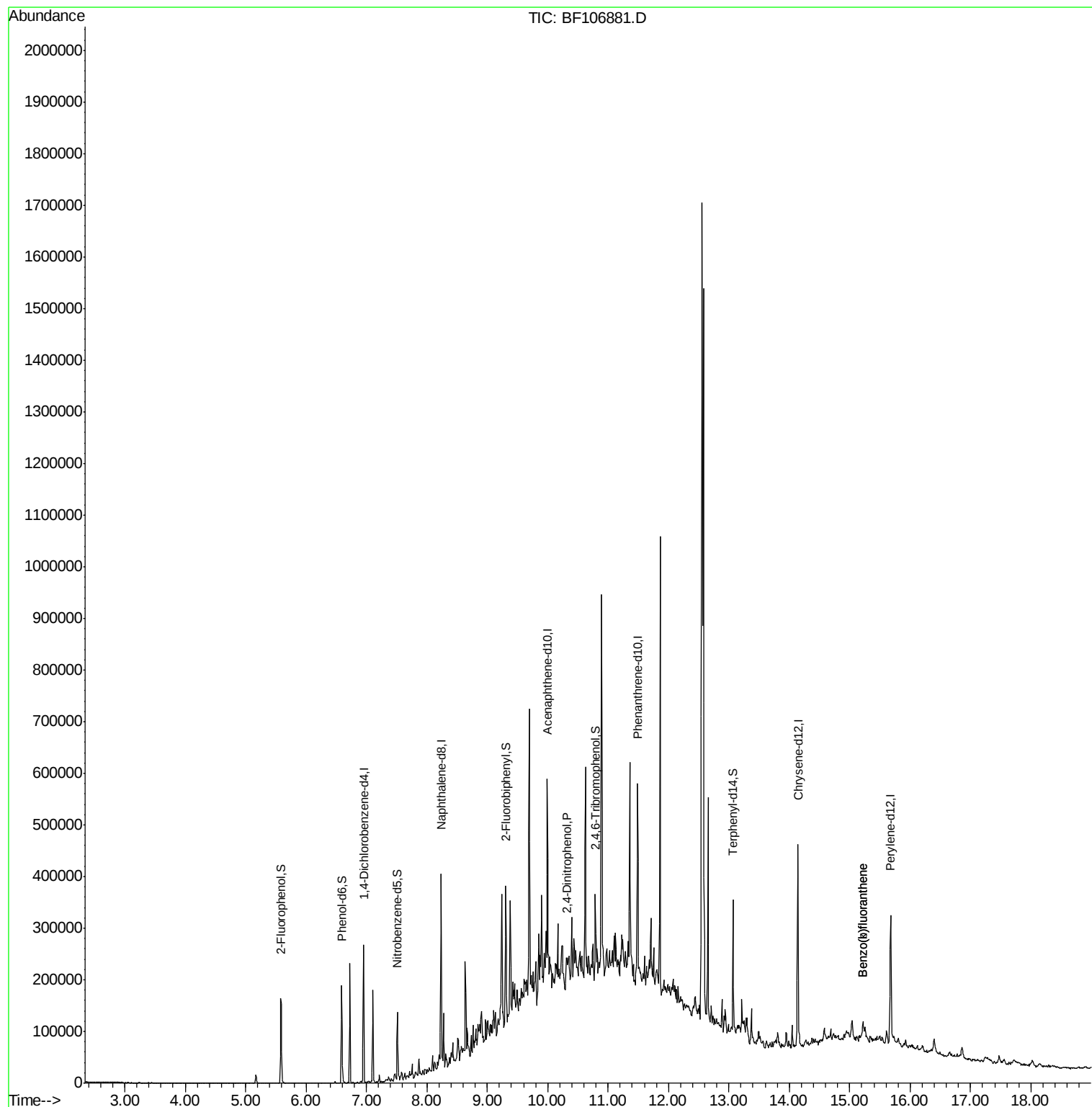
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	40567	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	160627	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	79472	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	138067	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	138789	20.00	ng	-0.02
86) Perylene-d12	15.68	264	120806	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	51323	21.42	ng	-0.02
7) Phenol-d6	6.59	99	65186	21.79	ng	-0.02
23) Nitrobenzene-d5	7.51	82	38898	13.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	17993	19.53	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	81204	3.08	ng	-0.02
78) Terphenyl-d14	13.07	244	87483	15.27	ng	-0.01
Target Compounds						
53) 2,4-Dinitrophenol	10.33	184	130	5.538	ng	# 35
87) Benzo(b)fluoranthene	15.22	252	18349	2.445	ng	# 77
88) Benzo(k)fluoranthene	15.22	252	18349	2.568	ng	# 81

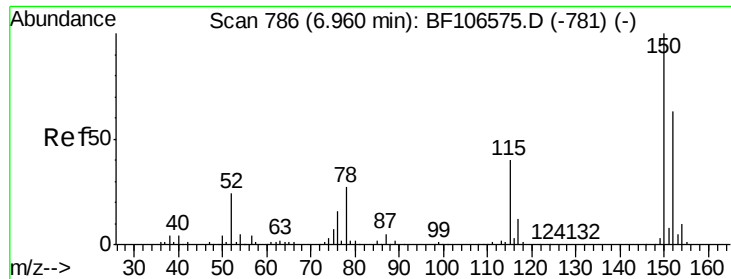
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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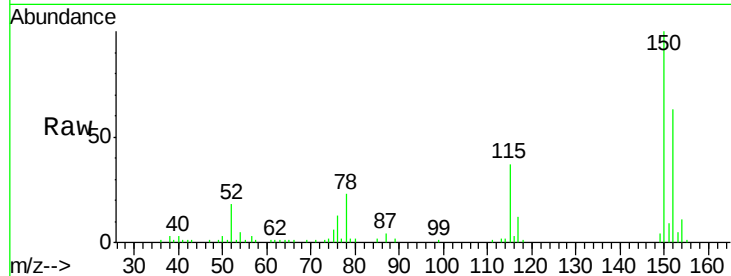


#1

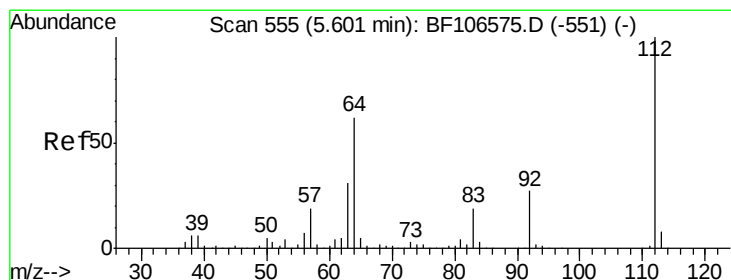
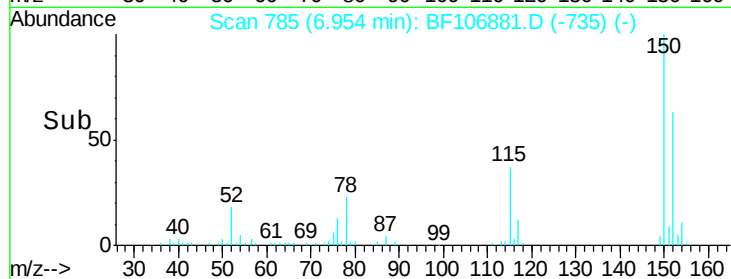
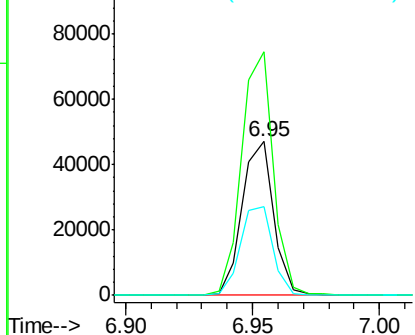
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106881.D
Acq: 27 Jun 2018 19:21

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-C

Tgt Ion:152 Resp: 40567
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 58.1 50.1 75.1



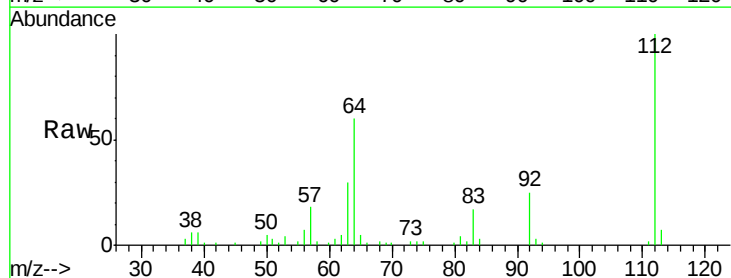
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



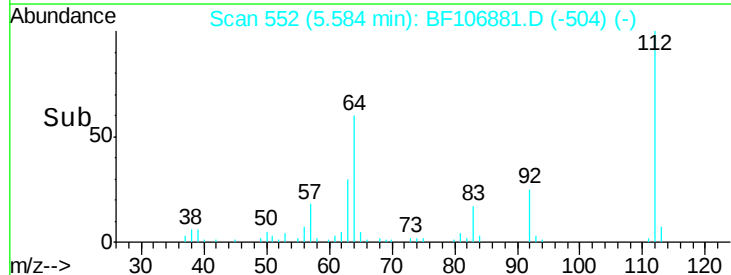
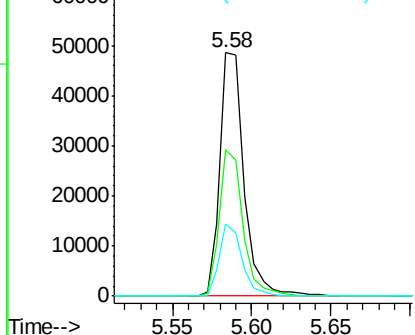
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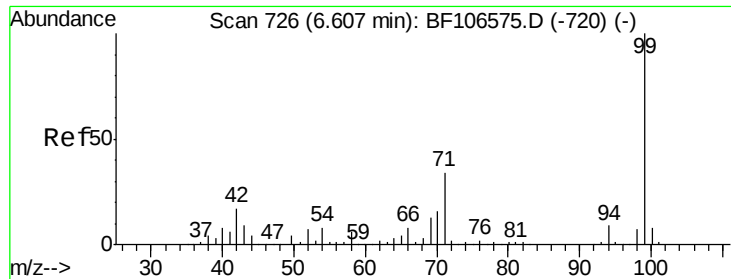
2-Fluorophenol
Concen: 21.423 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF106881.D
Acq: 27 Jun 2018 19:21

Tgt Ion:112 Resp: 51323
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 29.6 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: 21.788 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106881.D

Acq: 27 Jun 2018 19:21

Instrument :

BNA_F

ClientSampleId :

JC-02-062618-C

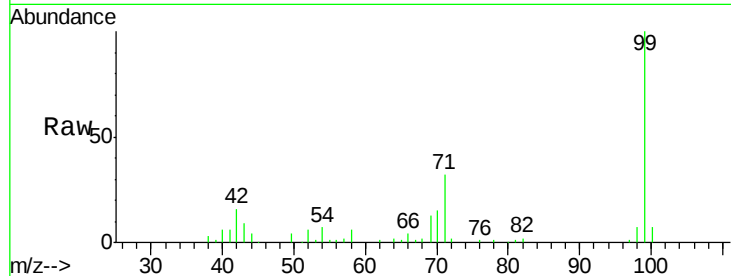
Tgt Ion: 99 Resp: 65186

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

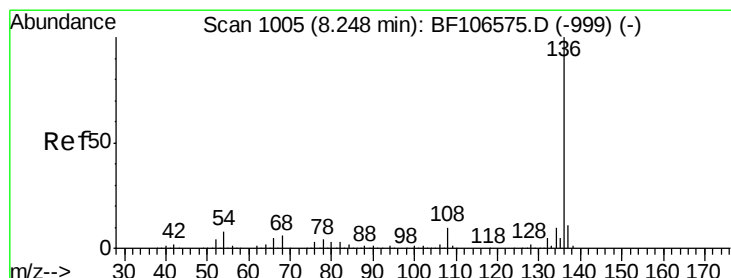
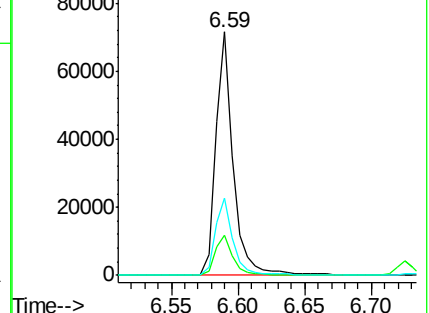
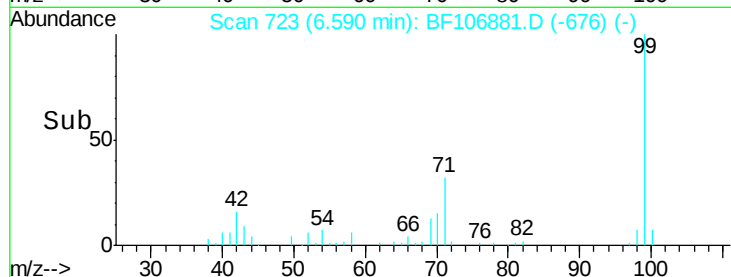
71 32.0 25.4 38.0



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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106881.D

Acq: 27 Jun 2018 19:21

Tgt Ion: 136 Resp: 160627

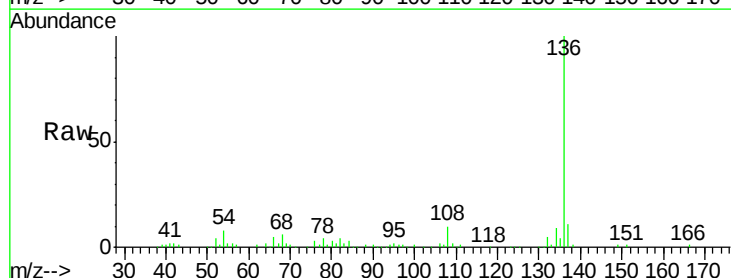
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.0 6.6 9.8

68 6.0 5.0 7.4

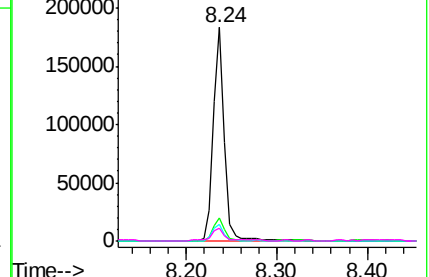
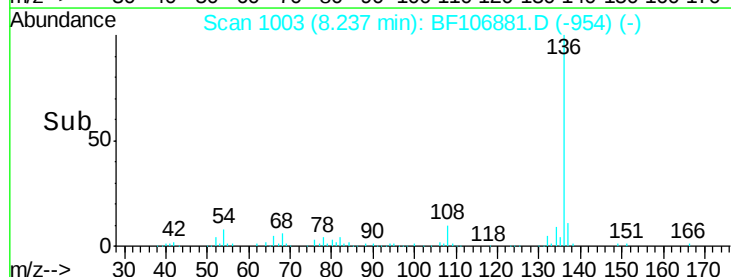


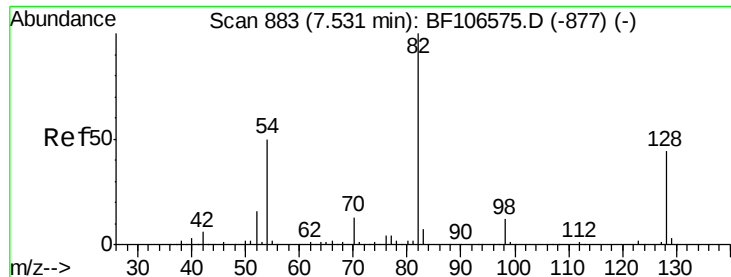
Abundance Ion 136.00 (135.70 to 136.70): E

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

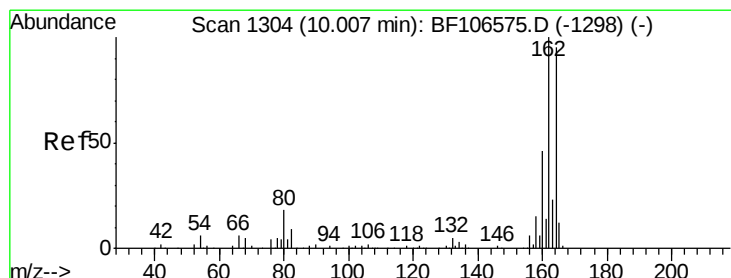
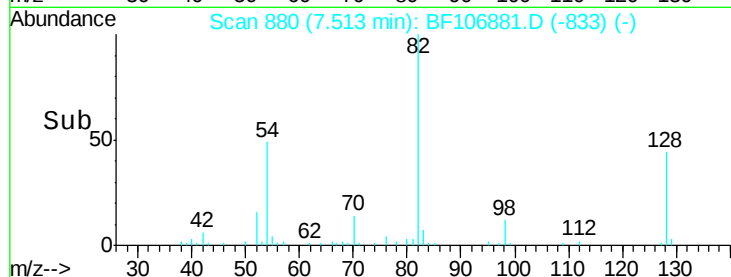
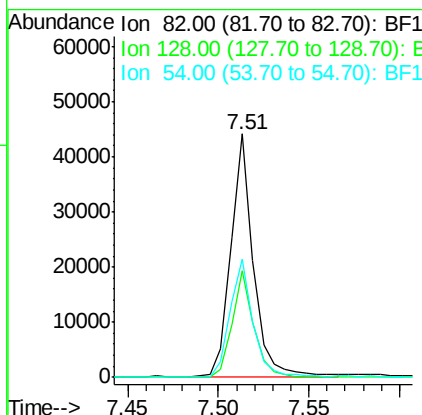
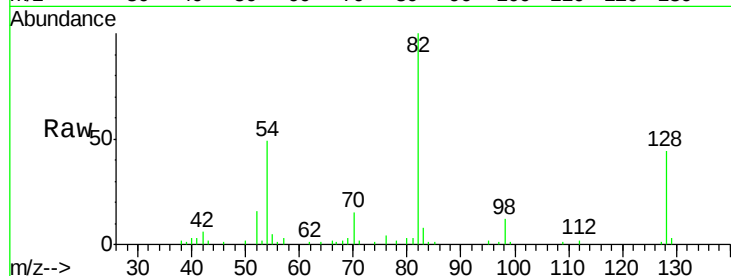




#23
 Nitrobenzene-d5
 Concen: 13.458 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF106881.D
 Acq: 27 Jun 2018 19:21

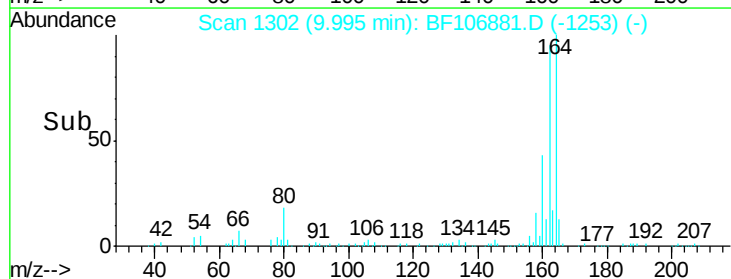
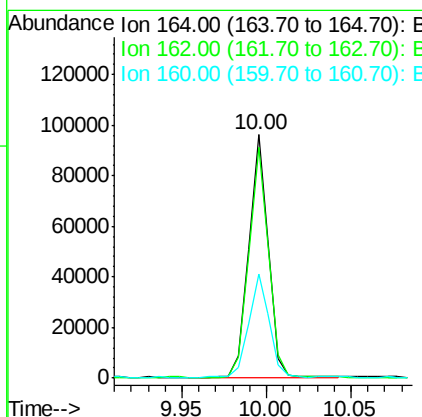
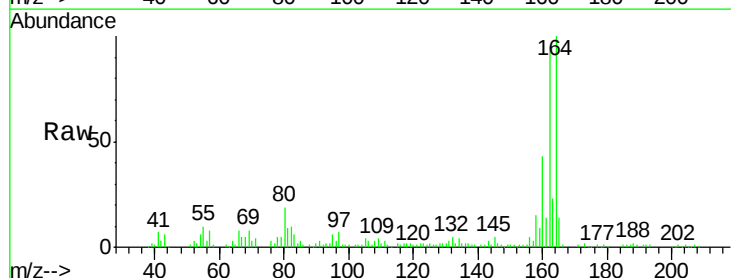
Instrument :
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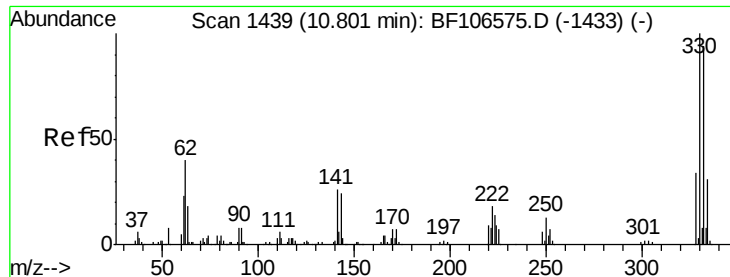
Tgt Ion: 82 Resp: 38898
 Ion Ratio Lower Upper
 82 100
 128 44.0 36.1 54.1
 54 48.5 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106881.D
 Acq: 27 Jun 2018 19:21

Tgt Ion: 164 Resp: 79472
 Ion Ratio Lower Upper
 164 100
 162 94.6 86.1 129.1
 160 42.8 38.3 57.5

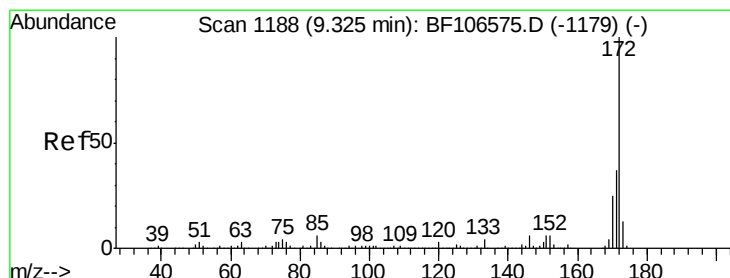
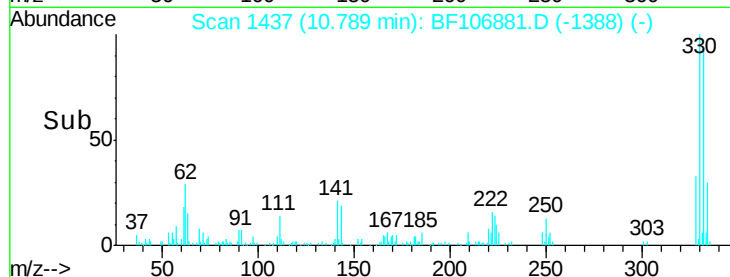
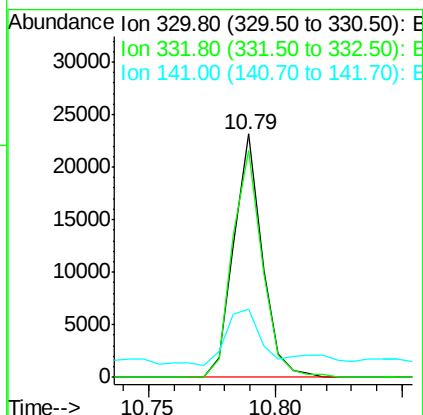
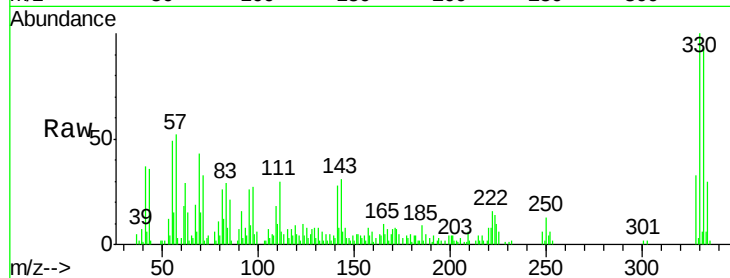




#41
 2,4,6-Tribromophenol
 Concen: 19.534 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106881.D
 Acq: 27 Jun 2018 19:21

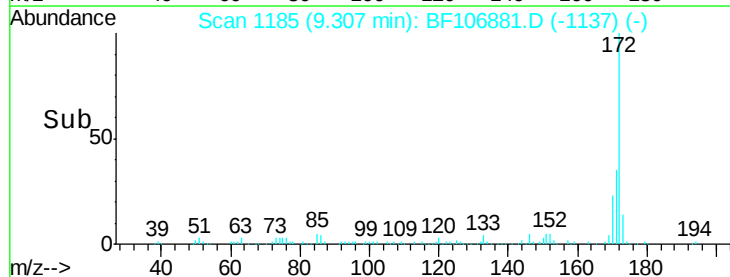
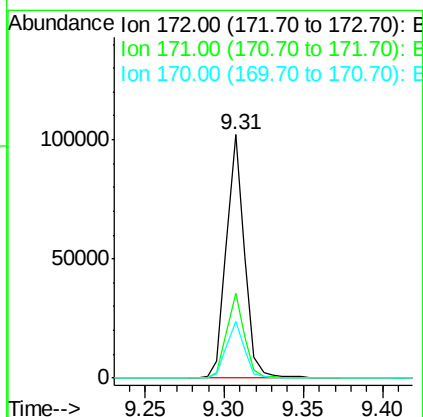
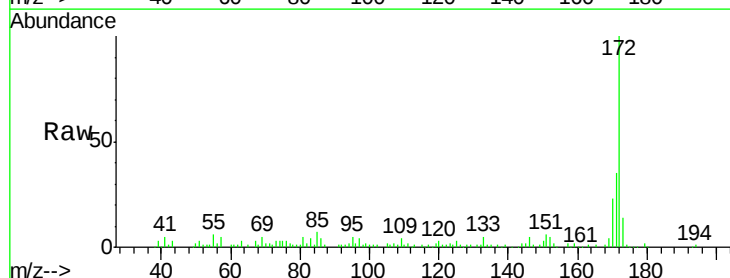
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-C

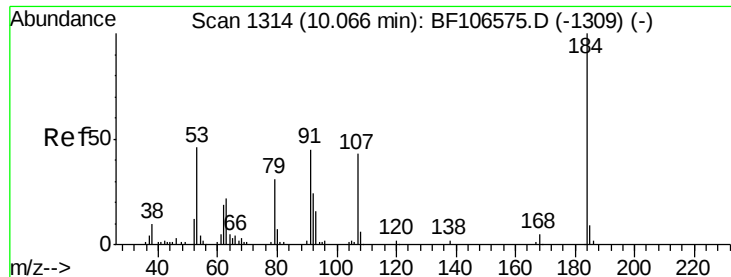
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	26.4	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 3.078 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106881.D
 Acq: 27 Jun 2018 19:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.2	19.6	29.4

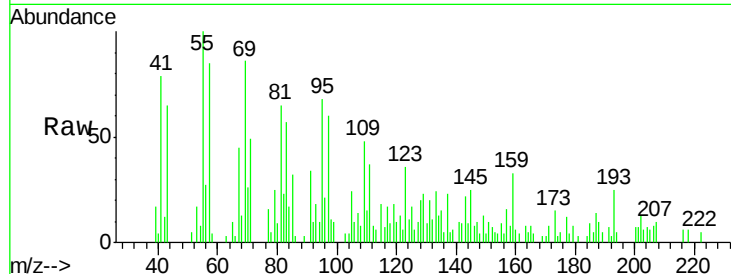




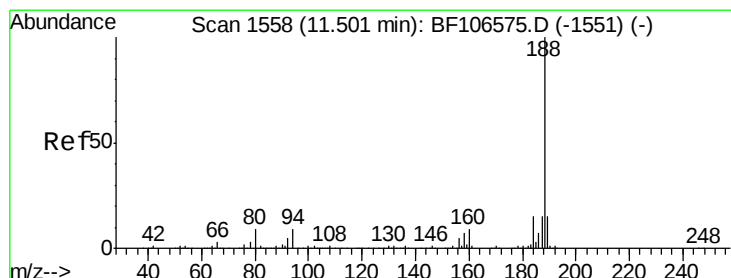
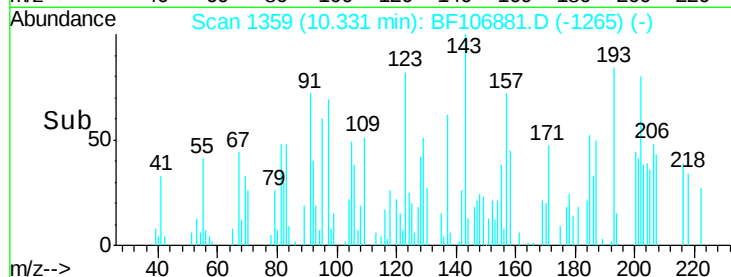
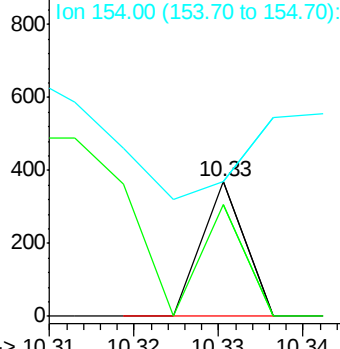
#53
 2,4-Dinitrophenol
 Concen: 5.538 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. 0.25 min
 Lab File: BF106881.D
 Acq: 27 Jun 2018 19:21

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-C

Tgt Ion:184 Resp: 130
 Ion Ratio Lower Upper
 184 100
 63 82.7 54.2 81.2#
 154 100.5 184.0 276.0#

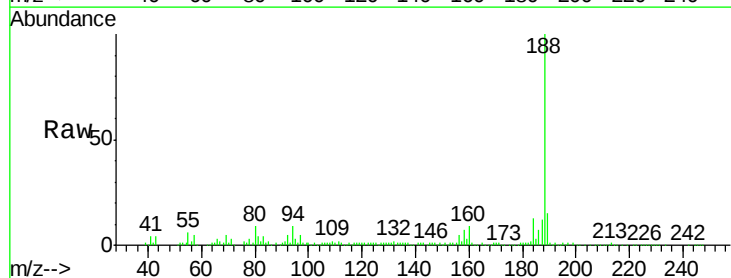


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

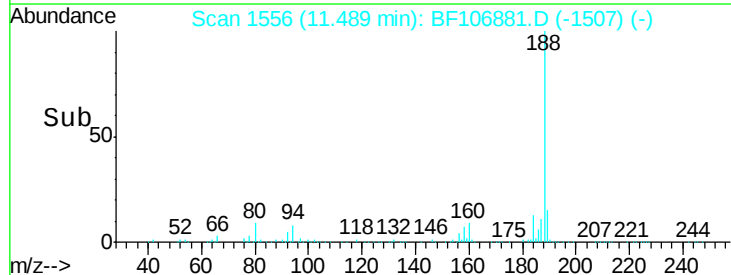
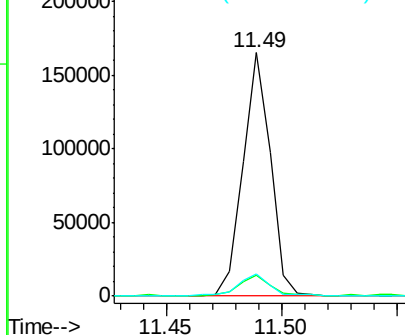


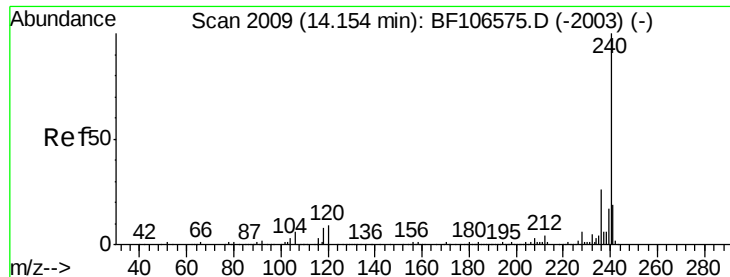
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF106881.D
 Acq: 27 Jun 2018 19:21

Tgt Ion:188 Resp: 138067
 Ion Ratio Lower Upper
 188 100
 94 8.5 8.5 12.7
 80 9.3 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106881.D

Acq: 27 Jun 2018 19:21

Instrument :

BNA_F

ClientSampleId :

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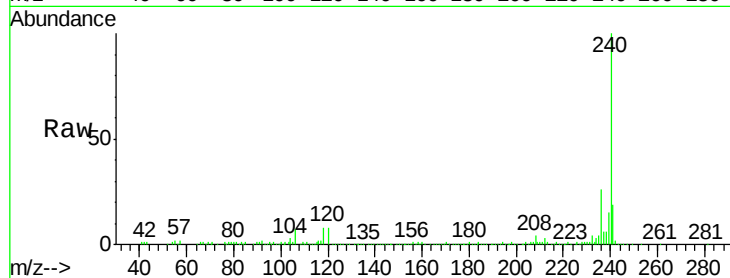
Tgt Ion:240 Resp: 138789

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

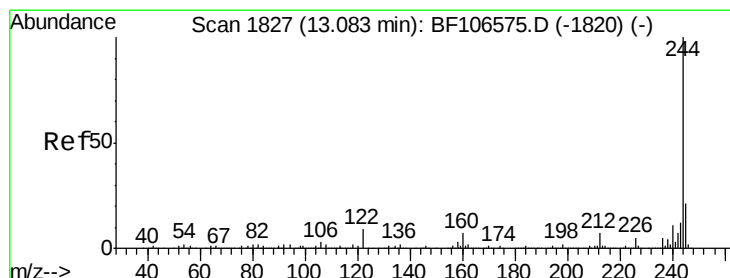
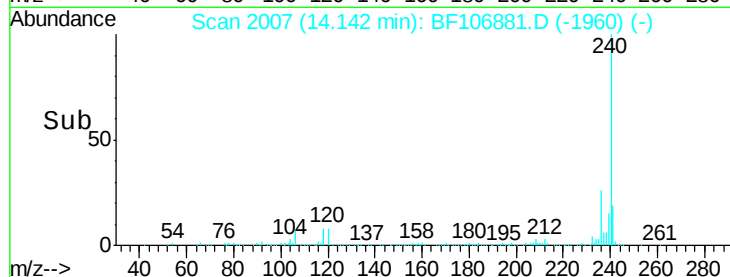
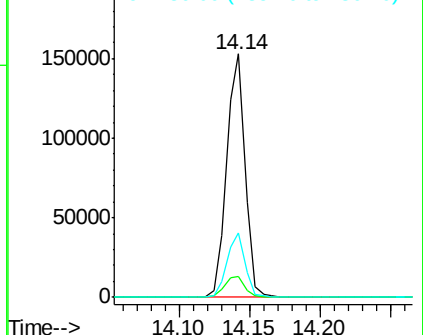
236 26.2 20.7 31.1



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



#78

Terphenyl-d14

Concen: 15.268 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106881.D

Acq: 27 Jun 2018 19:21

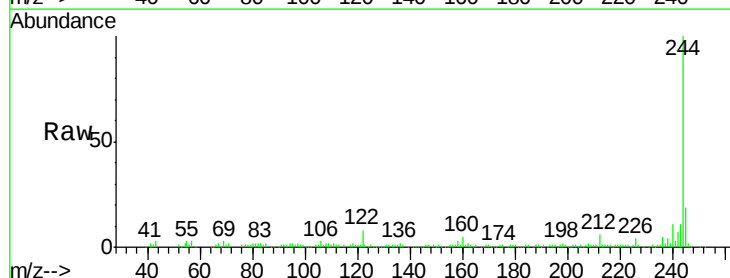
Tgt Ion:244 Resp: 87483

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

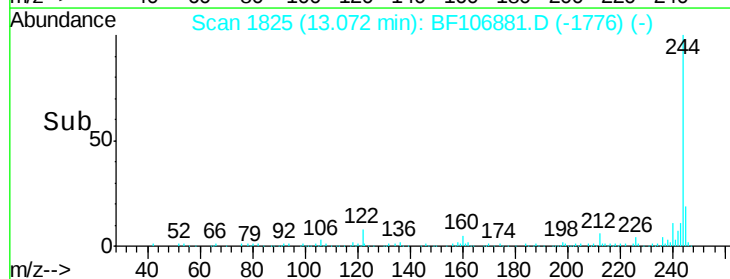
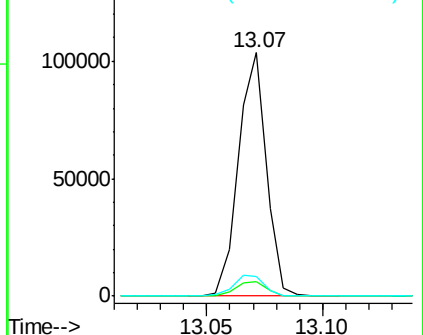
122 8.1 11.0 16.4#

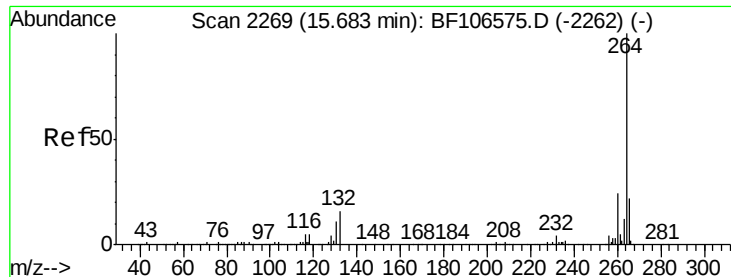


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

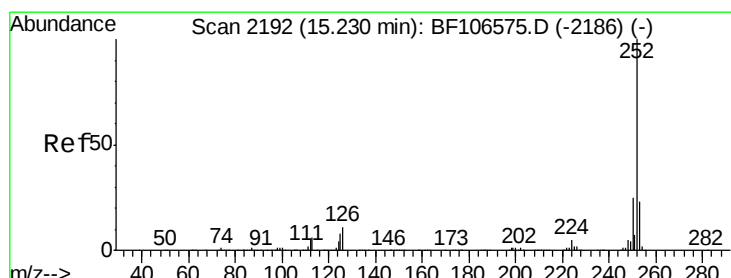
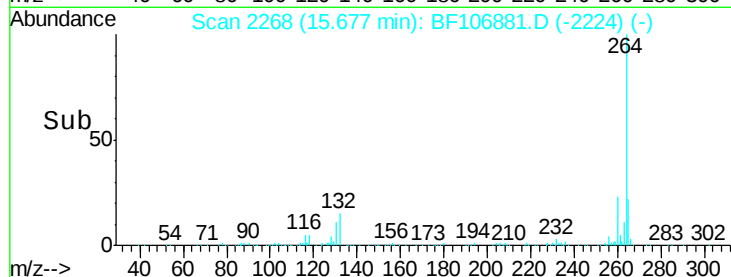
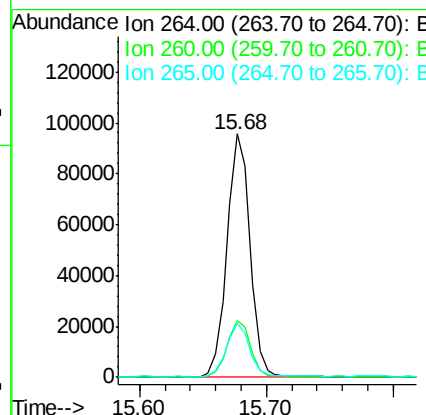
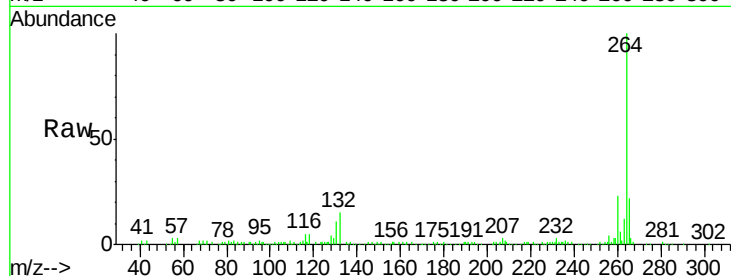




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF106881.D
Acq: 27 Jun 2018 19:21

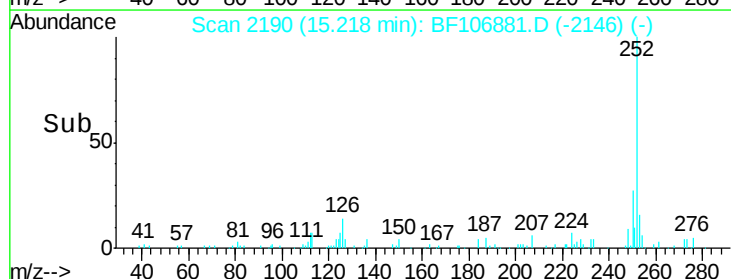
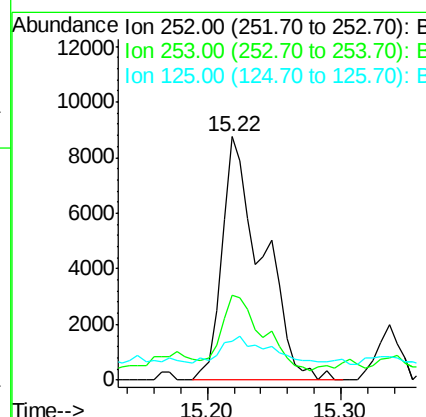
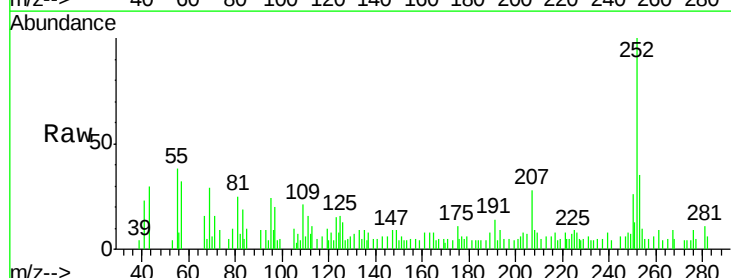
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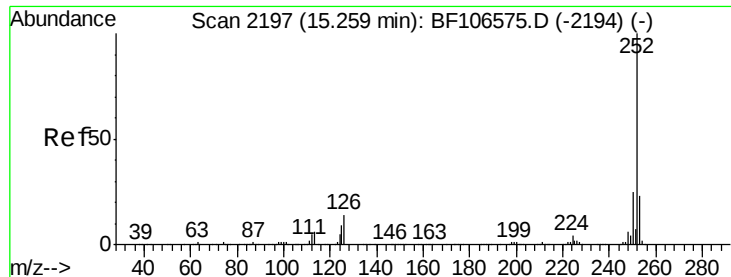
Tgt Ion:264 Resp: 120806
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 22.4 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 2.445 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF106881.D
Acq: 27 Jun 2018 19:21

Tgt Ion:252 Resp: 18349
Ion Ratio Lower Upper
252 100
253 34.7 17.0 25.6#
125 15.7 9.0 13.6#





#88
 Benzo(k)fluoranthene
 Concen: 2.568 ng
 RT: 15.22 min Scan# 2190
 Delta R.T. -0.08 min
 Lab File: BF106881.D
 Acq: 27 Jun 2018 19:21

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-C

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.7	17.9	26.9#
125	15.7	10.2	15.2#

