

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071118\
 Data File : BF107311.D
 Acq On : 11 Jul 2018 20:13
 Operator : JU/SJ
 Sample : J3914-05 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3

Quant Time: Jul 12 01:05:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

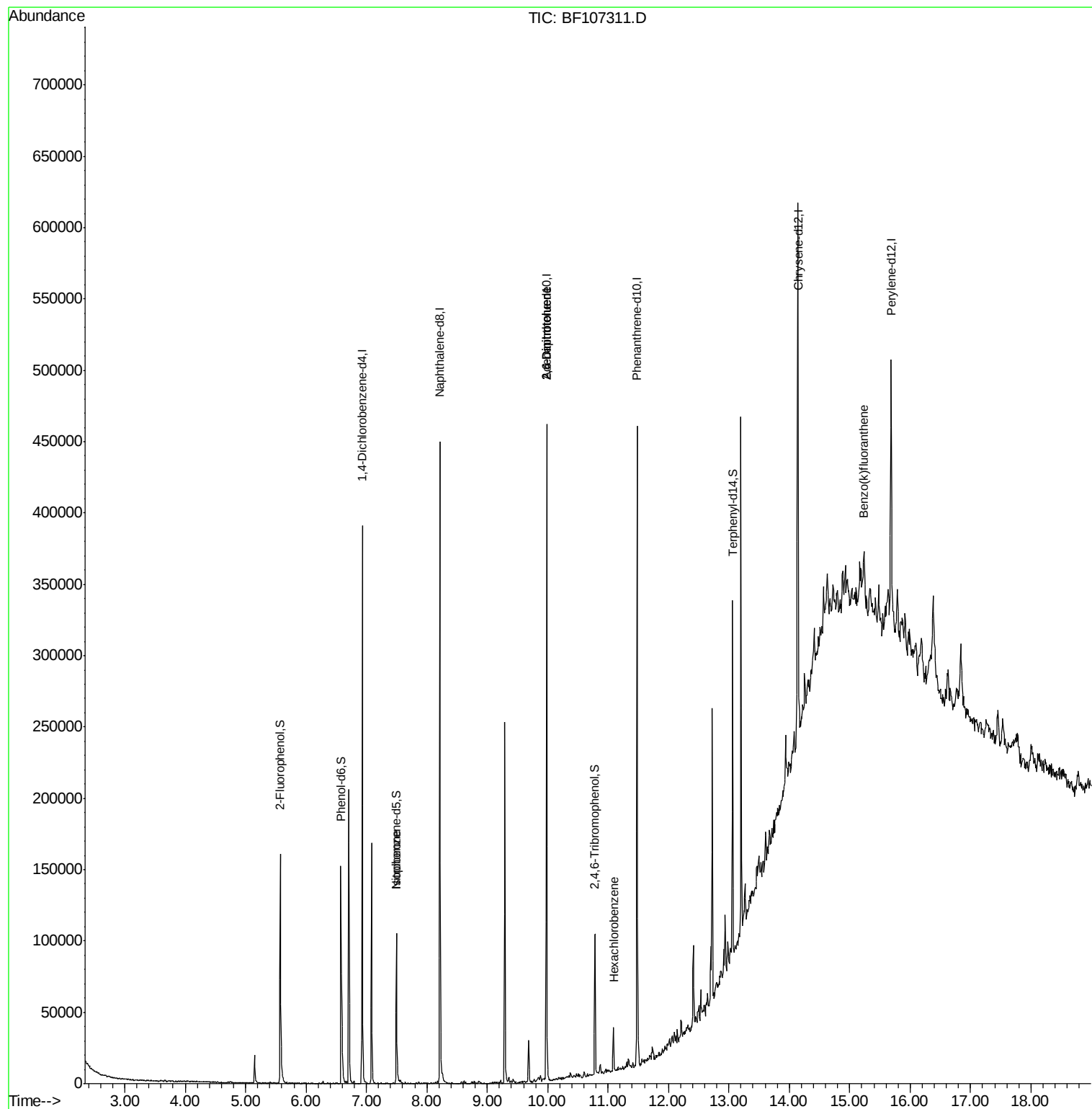
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	54691	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	211724	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	95852	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	172639	20.00	ng	0.00
75) Chrysene-d12	14.14	240	143398	20.00	ng	0.00
86) Perylene-d12	15.68	264	96780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	53282	16.50	ng	0.00
7) Phenol-d6	6.58	99	67625	16.77	ng	0.00
23) Nitrobenzene-d5	7.50	82	38841	10.20	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	15189	13.67	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	81258	-0.49	ng	0.00
78) Terphenyl-d14	13.06	244	84271	14.24	ng	0.00
Target Compounds						
25) Isophorone	7.50	82	38841	5.786	ng	# 64
50) 2,6-Dinitrotoluene	9.98	165	12395	8.142	ng	# 24
56) 2,4-Dinitrotoluene	9.98	165	12395	6.238	ng	# 21
67) Hexachlorobenzene	11.09	284	4726	2.192	ng	# 84
88) Benzo(k)fluoranthene	15.22	252	11995	2.095	ng	# 55

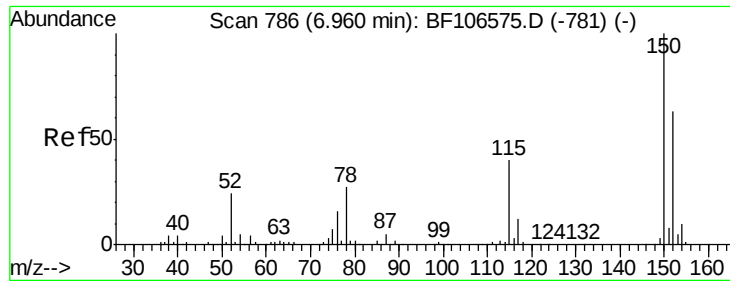
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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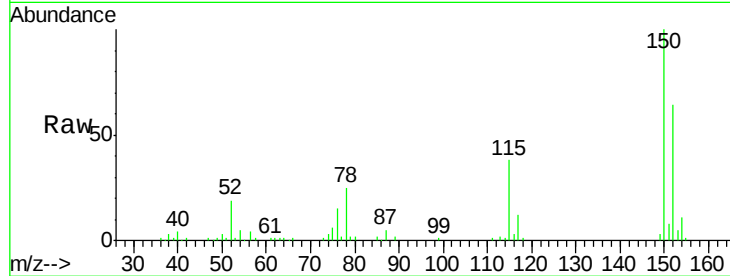


#1

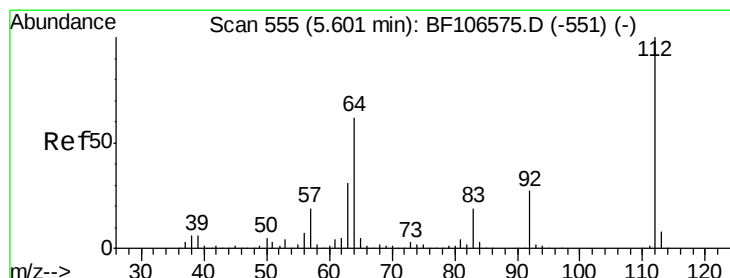
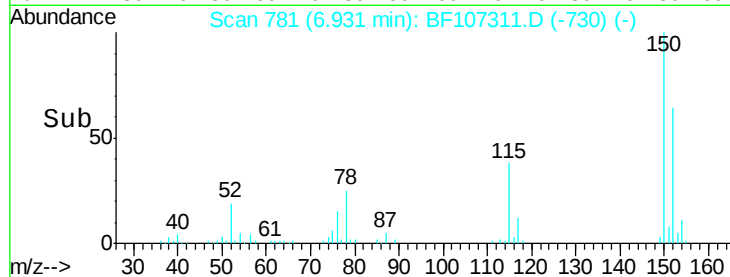
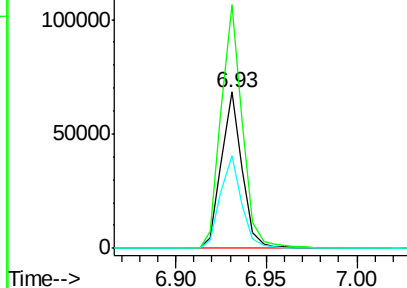
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107311.D
Acq: 11 Jul 2018 20:13

Instrument :
BNA_F
ClientSampled :
B3

Tgt Ion:152 Resp: 54691
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 58.9 50.1 75.1



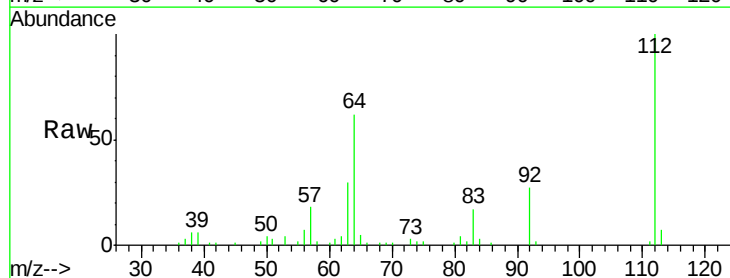
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



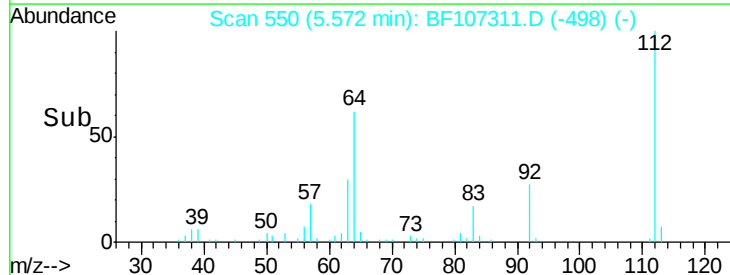
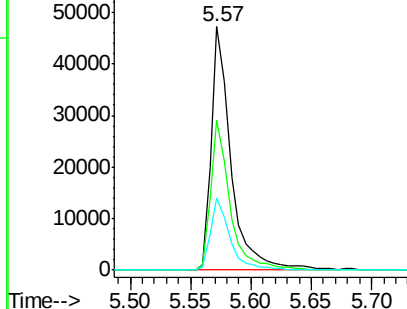
#5

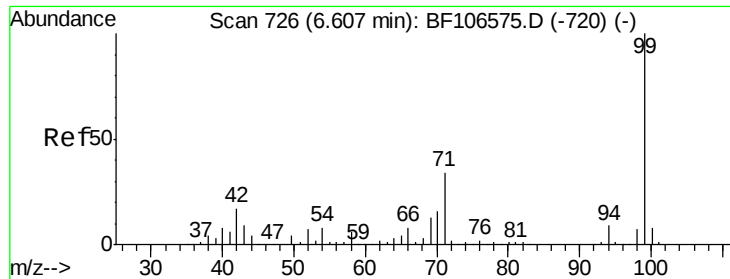
2-Fluorophenol
Concen: 16.497 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107311.D
Acq: 11 Jul 2018 20:13

Tgt Ion:112 Resp: 53282
Ion Ratio Lower Upper
112 100
64 61.7 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: 16.766 ng

RT: 6.58 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF107311.D

Acq: 11 Jul 2018 20:13

Instrument :

BNA_F

ClientSampleId :

B3

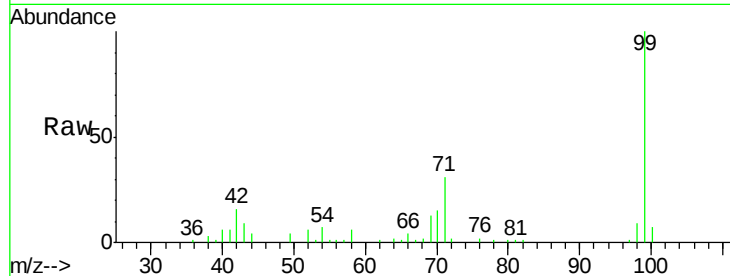
Tgt Ion: 99 Resp: 67625

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

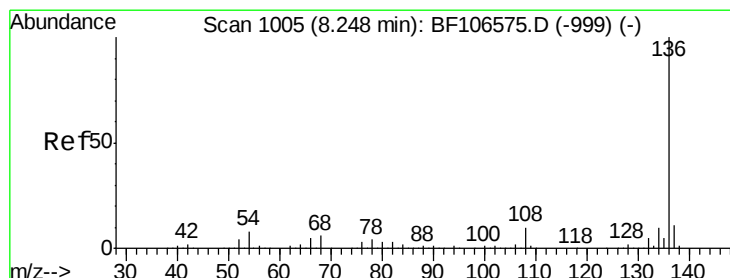
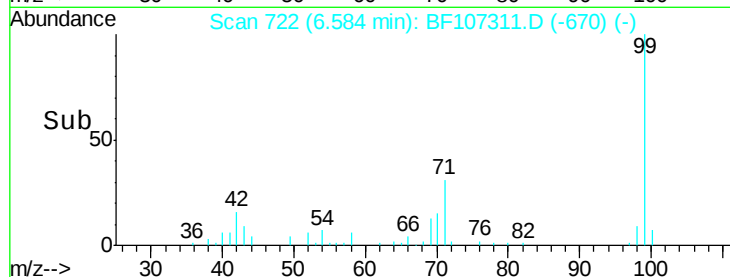
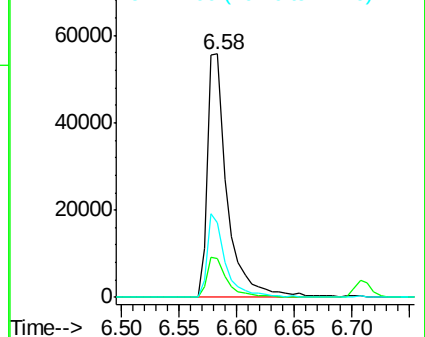
71 30.7 25.4 38.0



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: 8.22 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF107311.D

Acq: 11 Jul 2018 20:13

Tgt Ion: 136 Resp: 211724

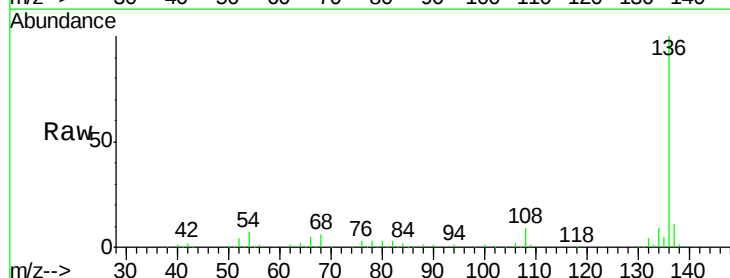
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.2 6.6 9.8

68 6.0 5.0 7.4

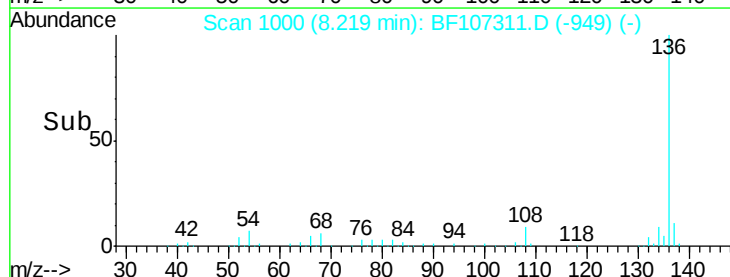
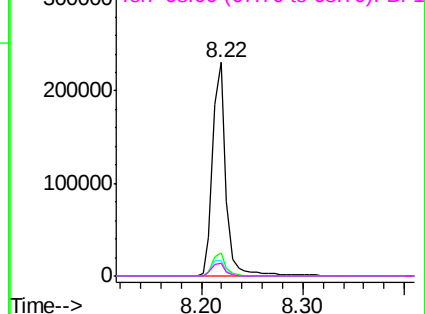


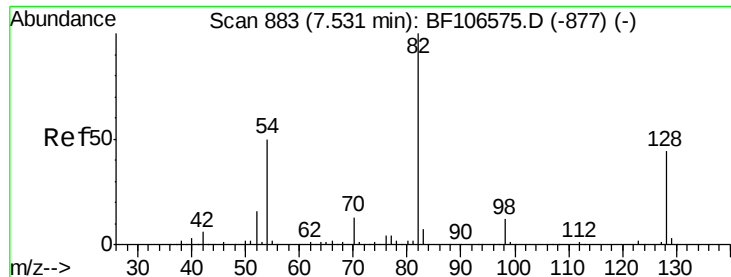
Abundance Ion 136.00 (135.70 to 136.70): E

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

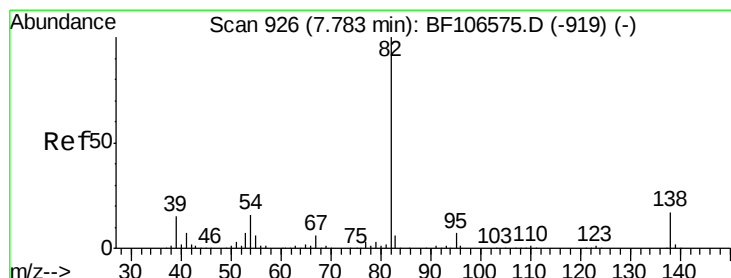
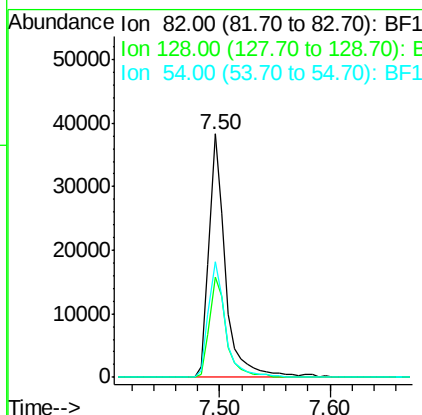
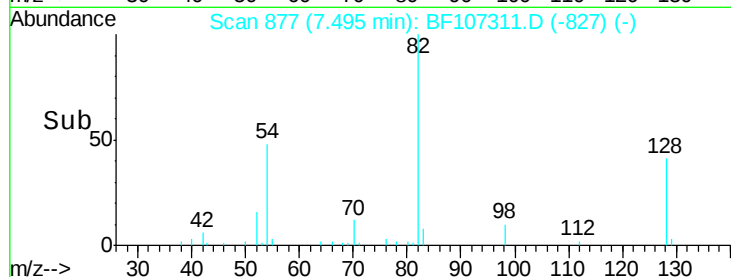
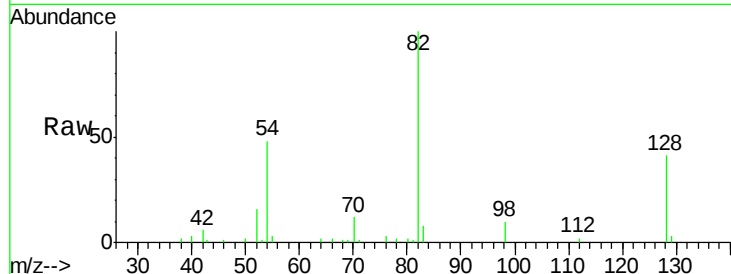




#23
Nitrobenzene-d5
Concen: 10.195 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107311.D
Acq: 11 Jul 2018 20:13

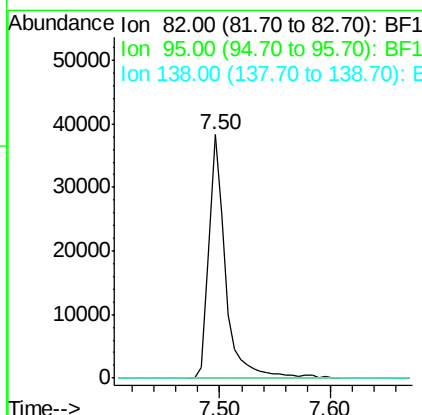
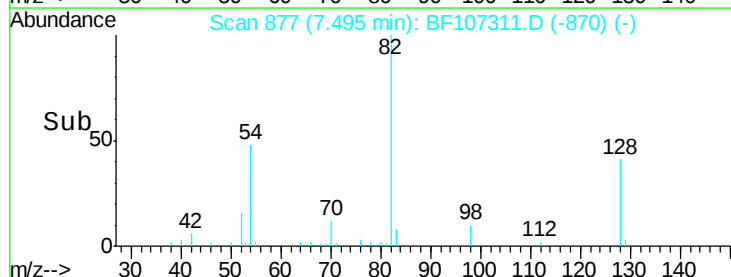
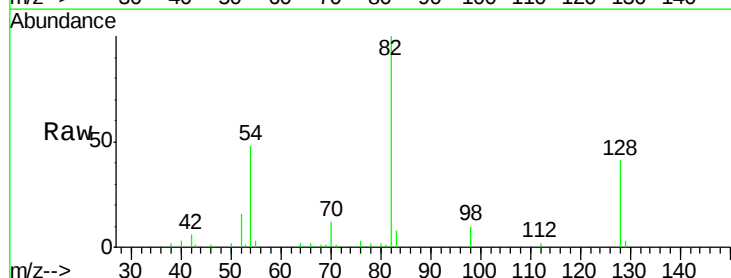
Instrument :
BNA_F
ClientSampleId :
B3

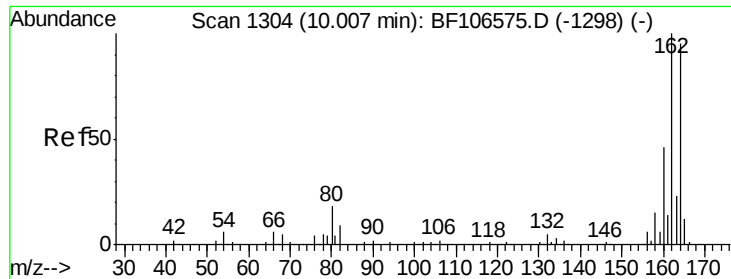
Tgt Ion: 82 Resp: 38841
Ion Ratio Lower Upper
82 100
128 41.3 36.1 54.1
54 47.6 41.4 62.2



#25
Isophorone
Concen: 5.786 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.26 min
Lab File: BF107311.D
Acq: 11 Jul 2018 20:13

Tgt Ion: 82 Resp: 38841
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF107311.D

Acq: 11 Jul 2018 20:13

Instrument :

BNA_F

ClientSampleId :

B3

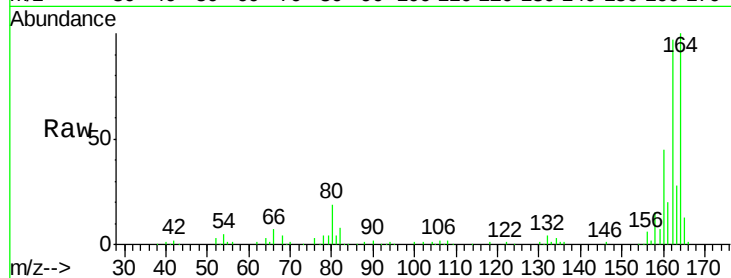
Tgt Ion:164 Resp: 95852

Ion Ratio Lower Upper

164 100

162 97.4 86.1 129.1

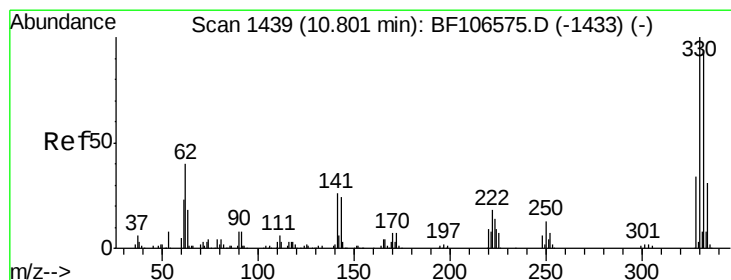
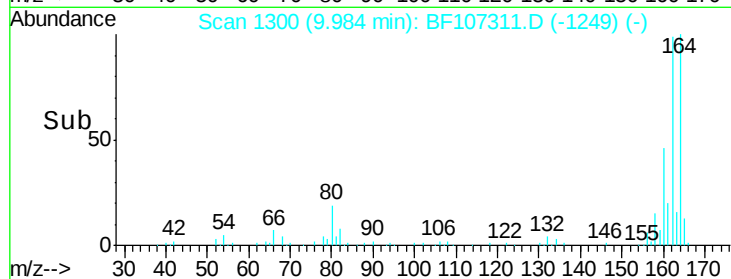
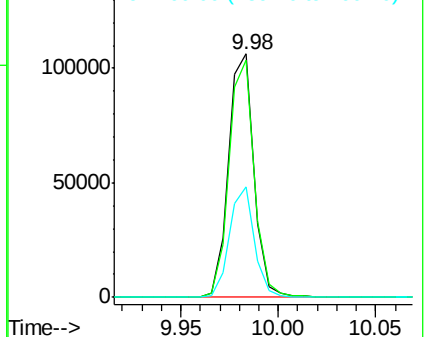
160 45.2 38.3 57.5



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: 13.672 ng

RT: 10.78 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF107311.D

Acq: 11 Jul 2018 20:13

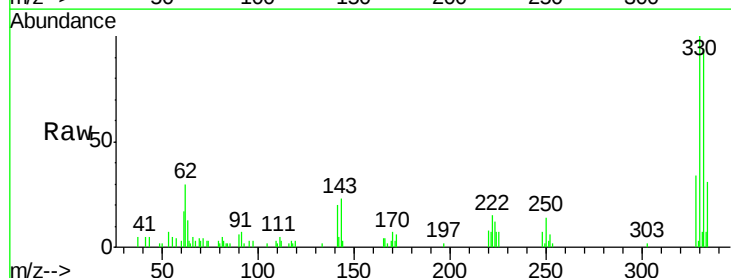
Tgt Ion:330 Resp: 15189

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

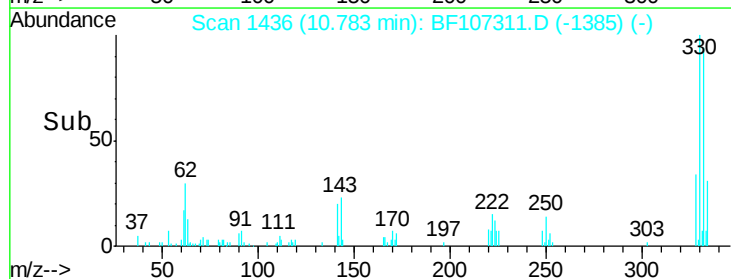
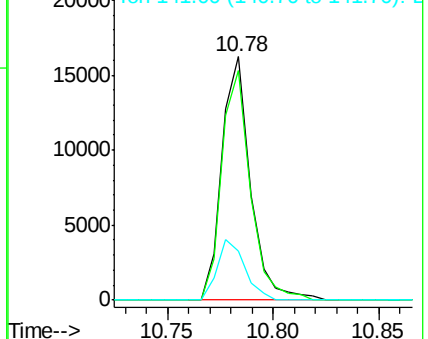
141 24.1 29.9 44.9#

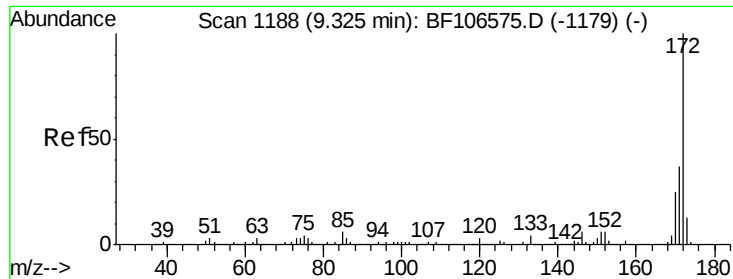


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

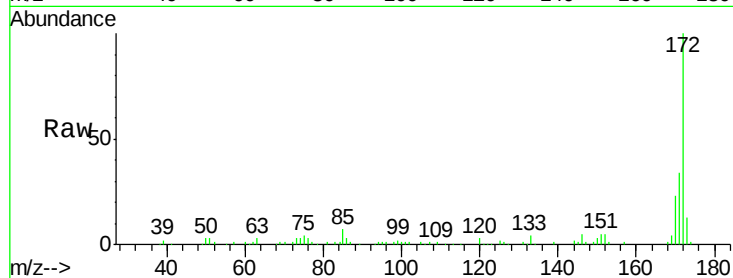




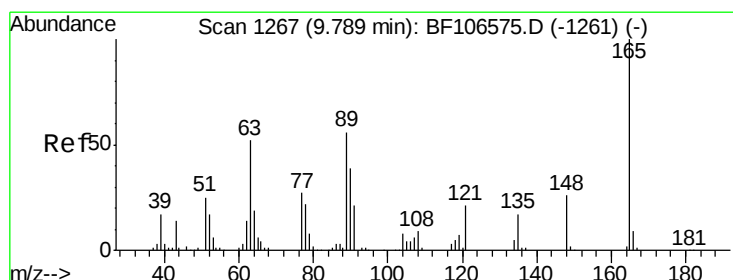
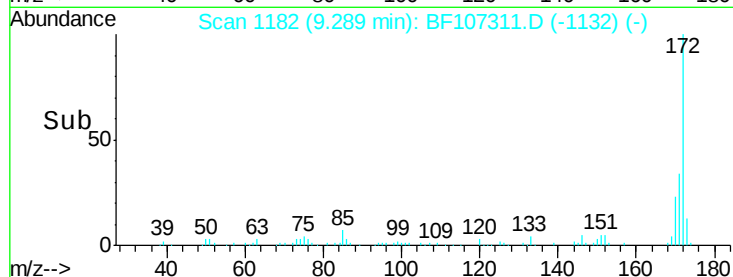
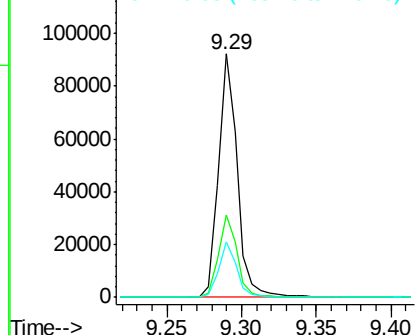
#44
 2-Fluorobiphenyl
 Concen: -0.486 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107311.D
 Acq: 11 Jul 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :
 B3

Tgt Ion:172 Resp: 81258
 Ion Ratio Lower Upper
 172 100
 171 33.7 29.7 44.5
 170 23.0 19.6 29.4

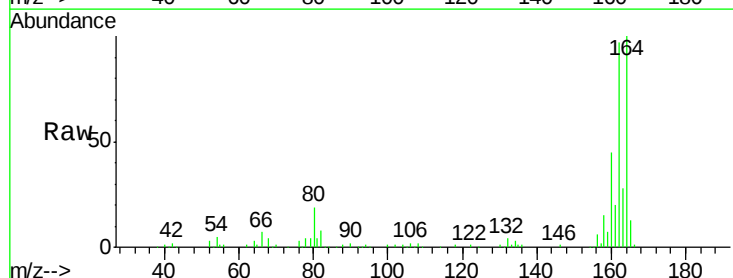


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

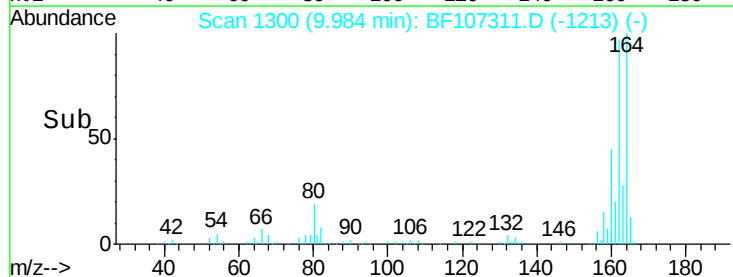
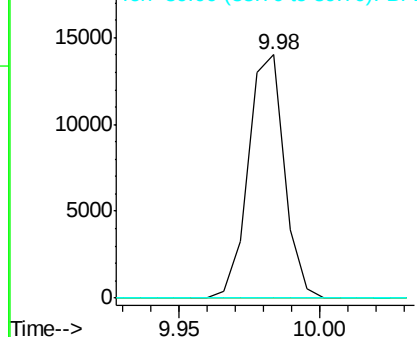


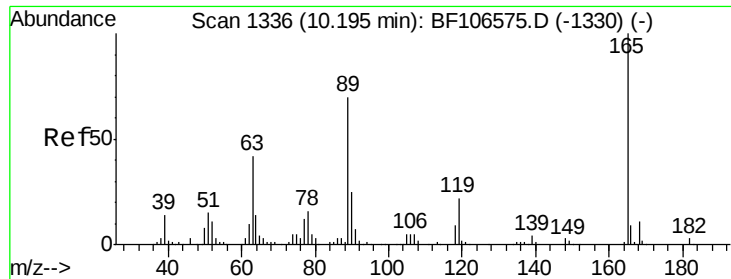
#50
 2,6-Dinitrotoluene
 Concen: 8.142 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. 0.21 min
 Lab File: BF107311.D
 Acq: 11 Jul 2018 20:13

Tgt Ion:165 Resp: 12395
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

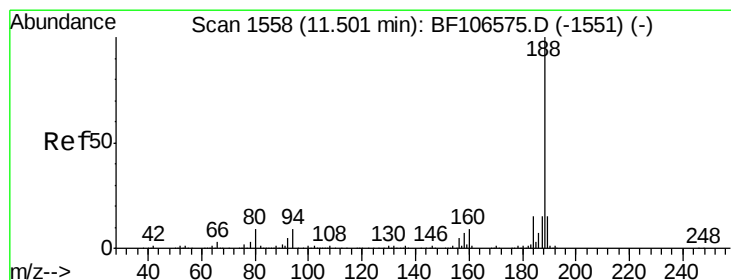
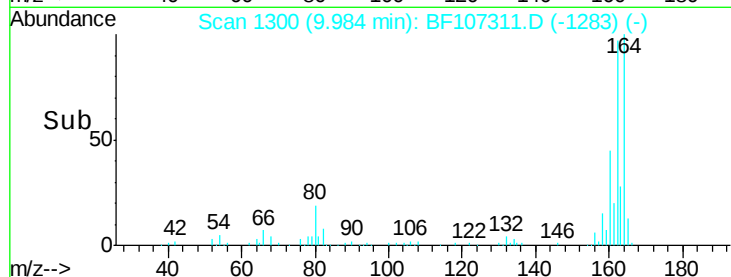
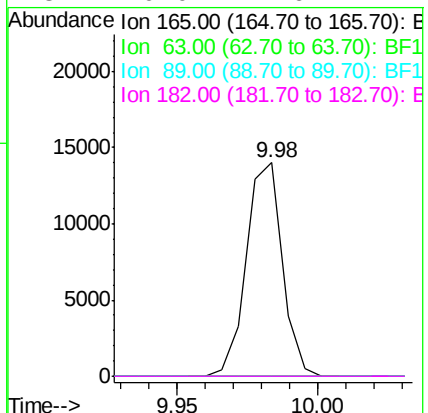
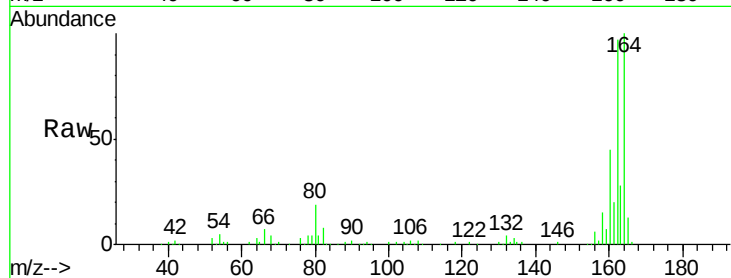




#56
 2,4-Dinitrotoluene
 Concen: 6.238 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF107311.D
 Acq: 11 Jul 2018 20:13

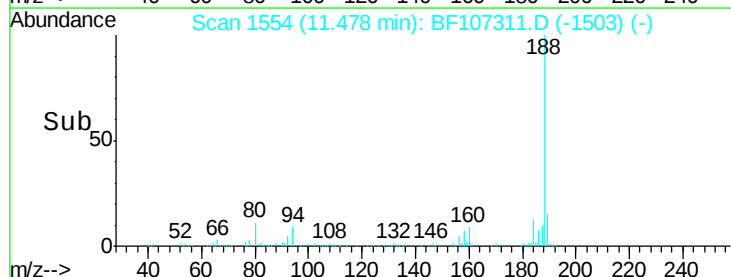
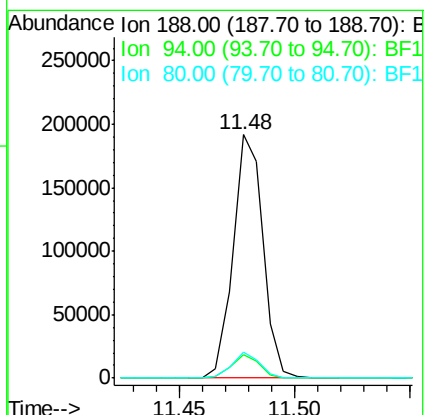
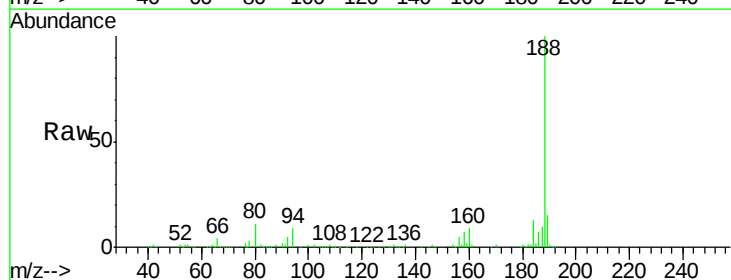
Instrument :
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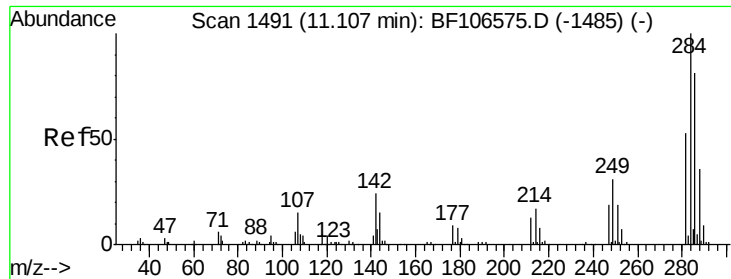
Tgt Ion:	165	Resp:	12395
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BF107311.D
 Acq: 11 Jul 2018 20:13

Tgt Ion:	188	Resp:	172639
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.7	9.2	13.8

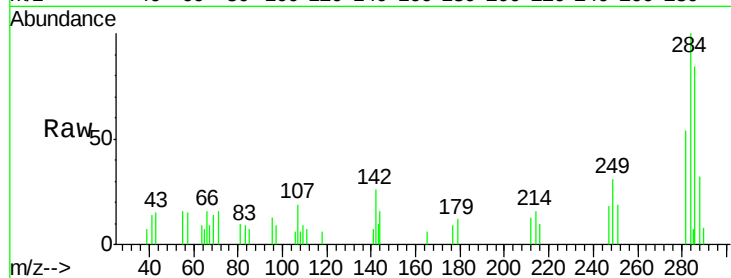




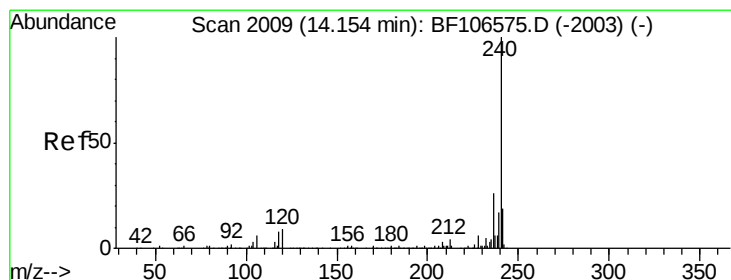
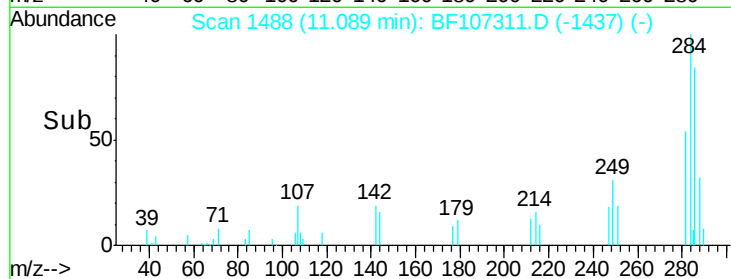
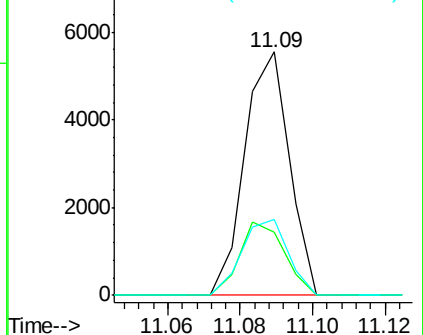
#67
Hexachlorobenzene
Concen: 2.192 ng
RT: 11.09 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF107311.D
Acq: 11 Jul 2018 20:13

Instrument :
BNA_F
ClientSampleId :
B3

Tgt Ion: 284 Resp: 4726
Ion Ratio Lower Upper
284 100
142 25.9 34.6 52.0#
249 31.4 24.8 37.2

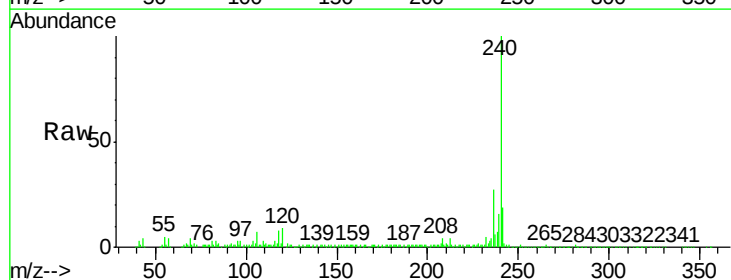


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

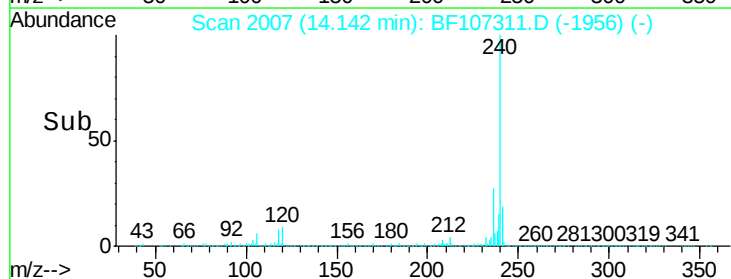
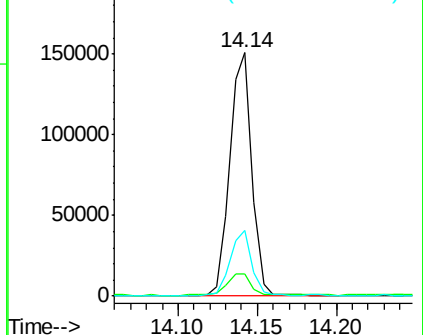


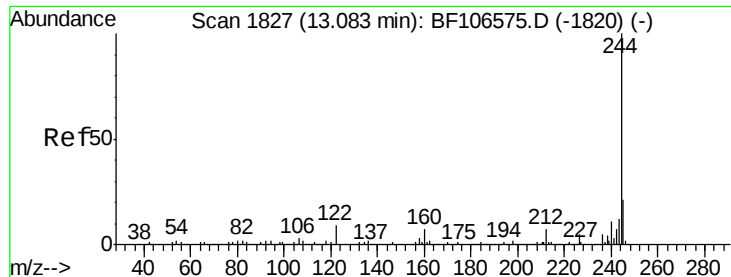
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF107311.D
Acq: 11 Jul 2018 20:13

Tgt Ion: 240 Resp: 143398
Ion Ratio Lower Upper
240 100
120 9.1 9.5 14.3#
236 27.2 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: 14.235 ng

RT: 13.06 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF107311.D

Acq: 11 Jul 2018 20:13

Instrument :

BNA_F

ClientSampleId :

B3

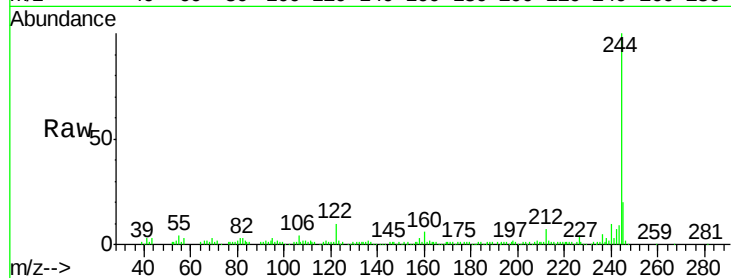
Tgt Ion:244 Resp: 84271

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

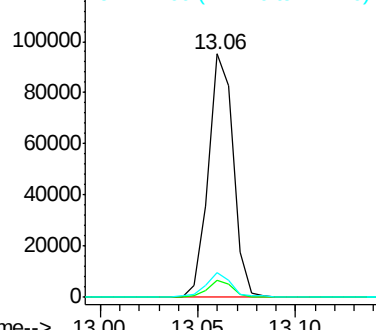
122 9.9 11.0 16.4#



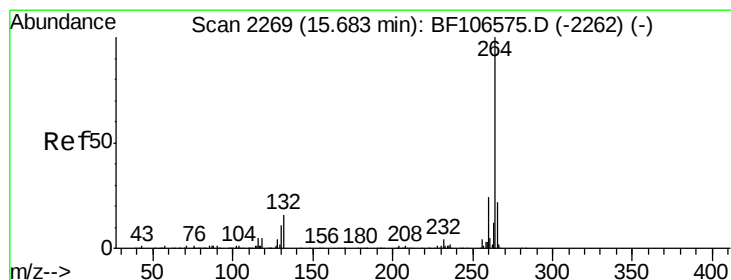
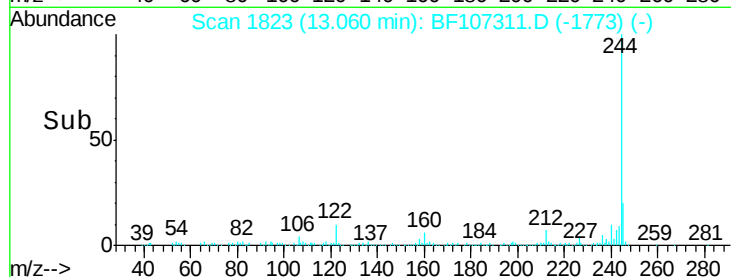
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 13.00 13.05 13.10



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF107311.D

Acq: 11 Jul 2018 20:13

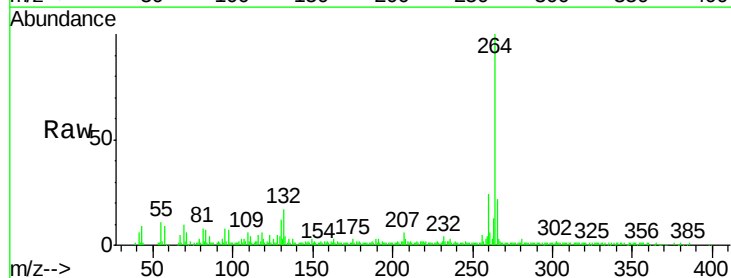
Tgt Ion:264 Resp: 96780

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

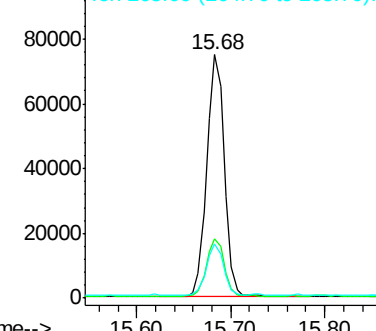
265 22.3 17.5 26.3



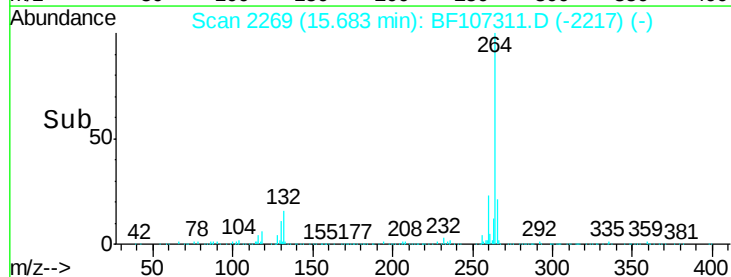
Abundance Ion 264.00 (263.70 to 264.70): E

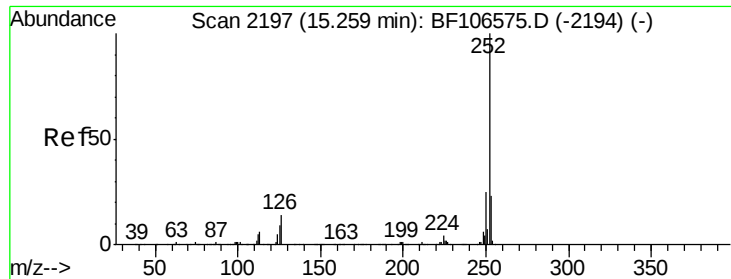
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time--> 15.60 15.70 15.80





#88

Benzo(k)fluoranthene

Concen: 2.095 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.03 min

Lab File: BF107311.D

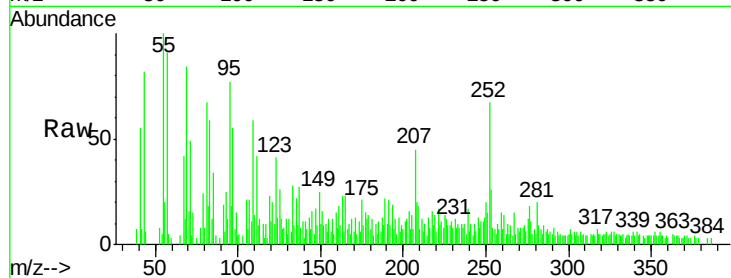
Acq: 11 Jul 2018 20:13

Instrument :

BNA_F

ClientSampleId :

B3



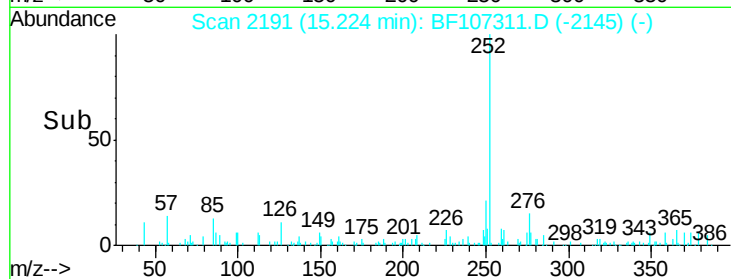
Tgt Ion: 252 Resp: 11995

Ion Ratio Lower Upper

252 100

253 38.6 17.9 26.9#

125 38.4 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

