

Data File : BF118678.D
Acq On : 23 Jan 2020 16:37
Operator : CG/JU
Sample : L1233-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
55-ST-25

Quant Time: Jan 24 02:42:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	348371	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1268906	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	739296	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1373203	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	1164073	20.00	ng	-0.01
87) Perylene-d12	15.51	264	1146295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1139192	60.73	ng	0.00
7) Phenol-d6	6.49	99	954907	39.17	ng	-0.02
23) Nitrobenzene-d5	7.43	82	1851256	81.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	756283	88.44	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	3378276	75.11	ng	-0.01
79) Terphenyl-d14	12.99	244	4156935	77.89	ng	0.00
Target Compounds						
10) Phenol	6.51	94	318660	11.469	ng	92
19) n-Nitroso-di-n-propylamine	7.43	70	249511	15.157	ng	# 78
25) Isophorone	7.43	82	1846214	44.618	ng	# 64
50) Dimethylphthalate	9.63	163	831643	17.266	ng	97
57) 2,4-Dinitrotoluene	9.92	165	99659	7.330	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	48343	2.850	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.02	149	95609	2.420	ng	# 96

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

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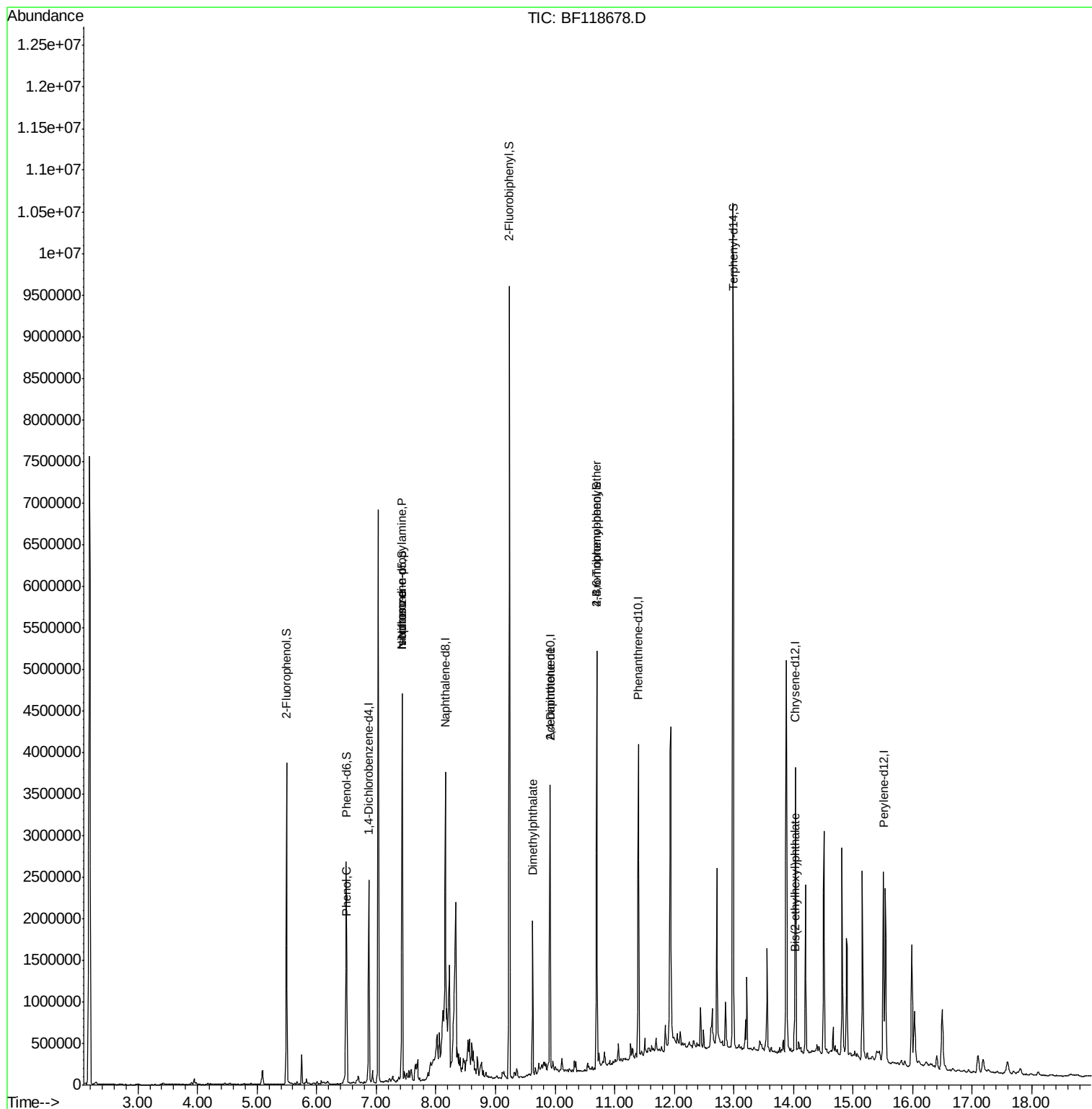
Quant Time: Jan 24 02:42:14 2020

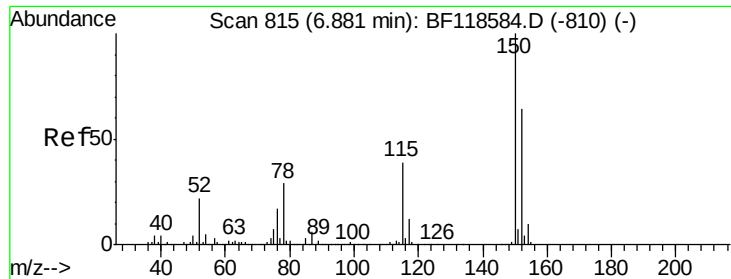
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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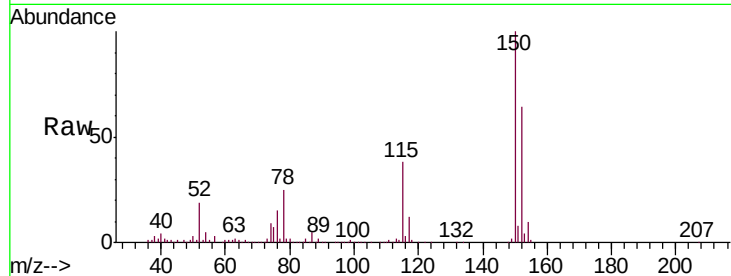


#1

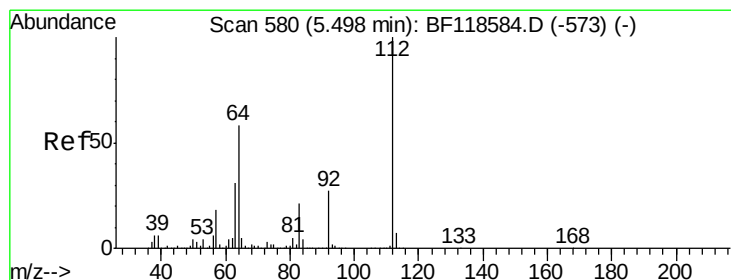
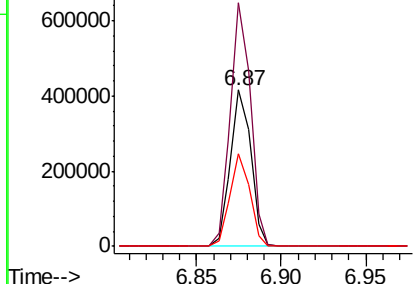
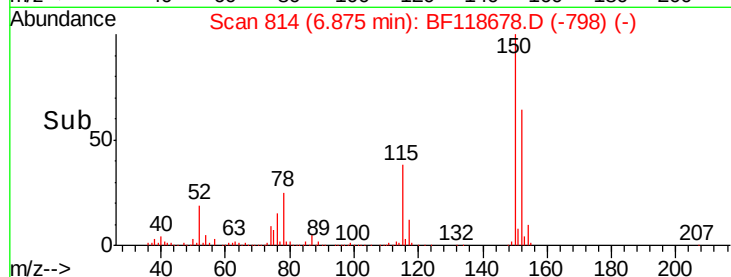
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118678.D
Acq: 23 Jan 2020 16:37

Instrument :
BNA_F
ClientSampleId :
55-ST-25

Tgt Ion:152 Resp: 348371
Ion Ratio Lower Upper
152 100
150 155.6 125.6 188.4
115 59.3 48.4 72.6



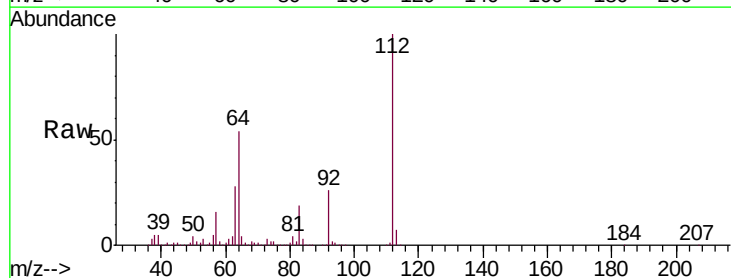
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



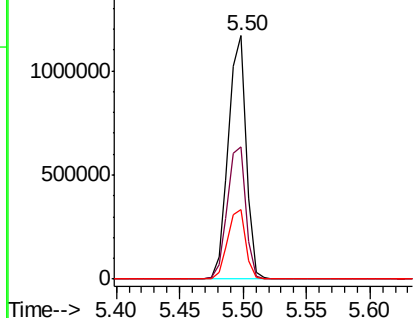
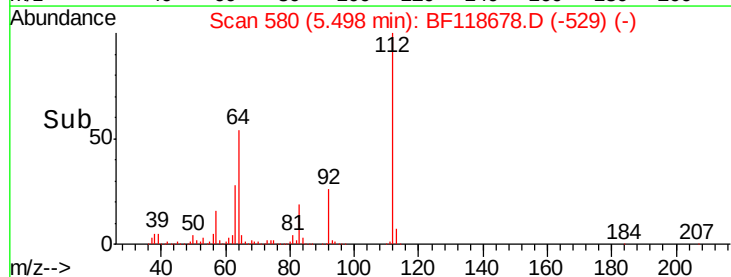
#5

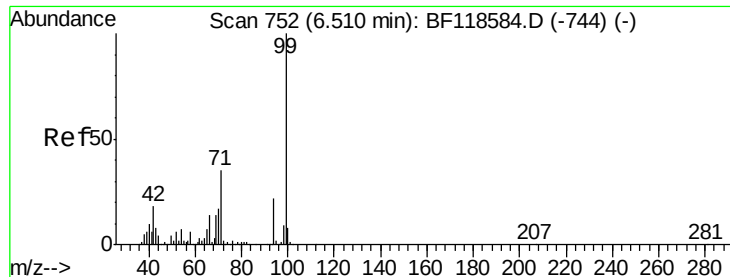
2-Fluorophenol
Concen: 60.733 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118678.D
Acq: 23 Jan 2020 16:37

Tgt Ion:112 Resp: 1139192
Ion Ratio Lower Upper
112 100
64 54.4 46.6 70.0
63 28.3 25.1 37.7



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: 39.168 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF118678.D

Acq: 23 Jan 2020 16:37

Instrument :

BNA_F

ClientSampleId :

55-ST-25

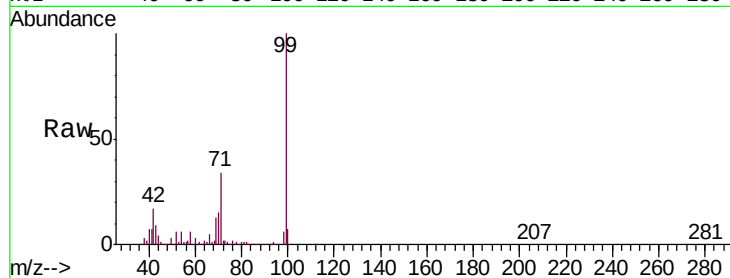
Tgt Ion: 99 Resp: 954907

Ion Ratio Lower Upper

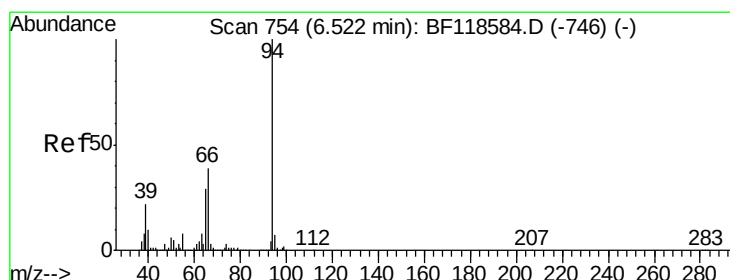
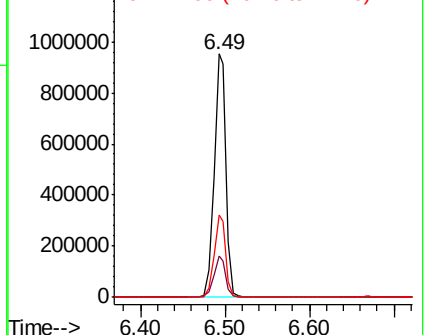
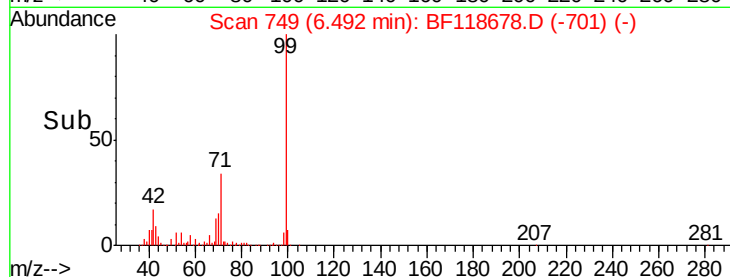
99 100

42 16.9 14.2 21.2

71 33.7 27.8 41.6



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



#10

Phenol

Concen: 11.469 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118678.D

Acq: 23 Jan 2020 16:37

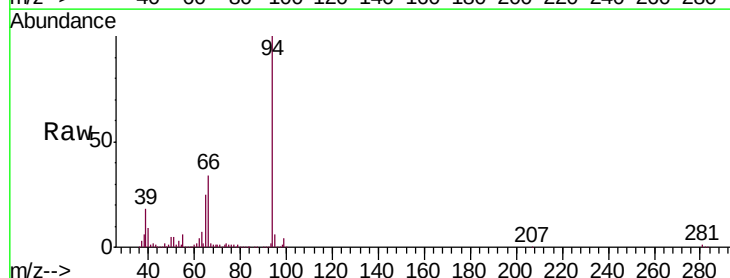
Tgt Ion: 94 Resp: 318660

Ion Ratio Lower Upper

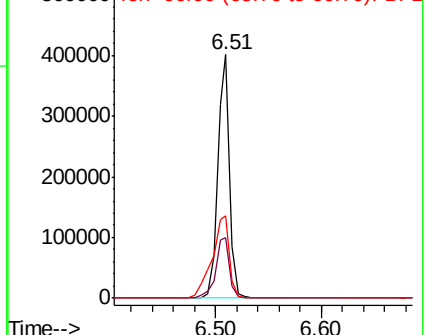
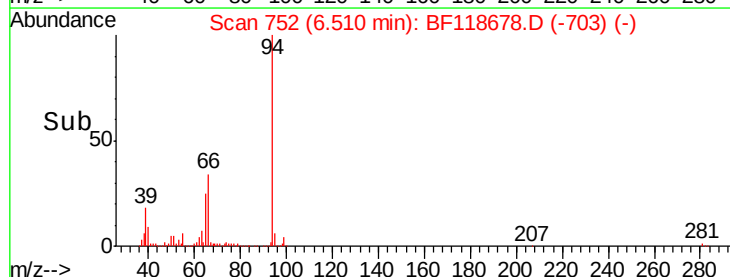
94 100

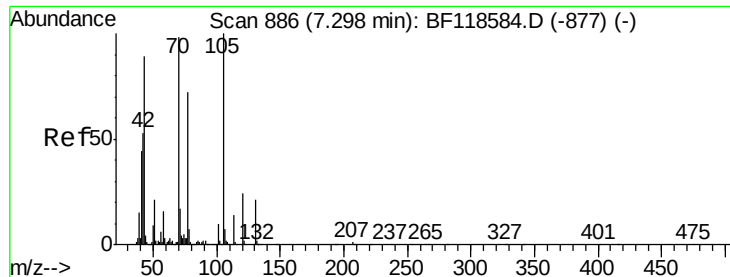
65 25.1 9.5 49.5

66 33.7 18.5 58.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

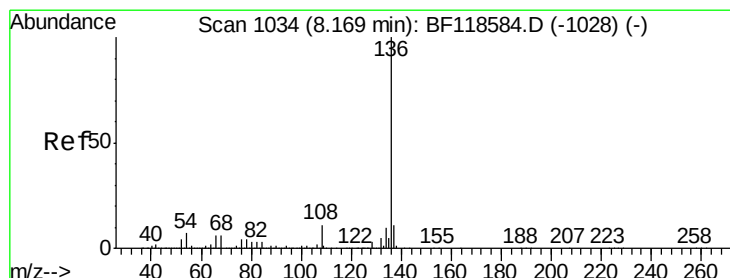
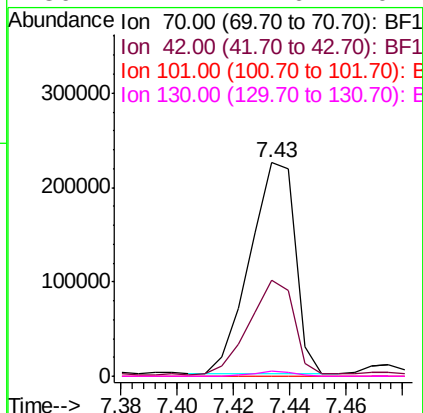
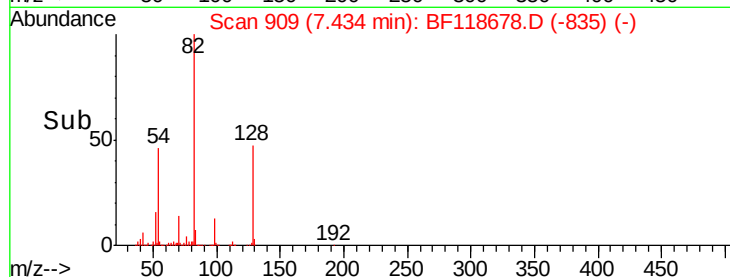
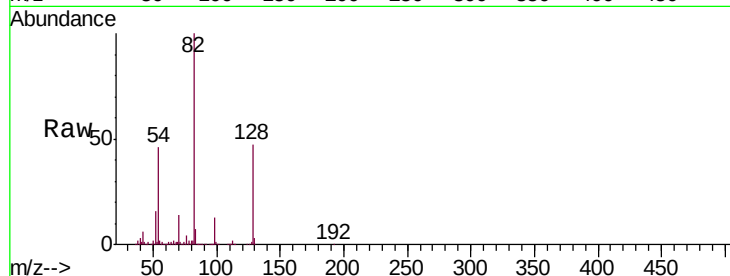




#19
n-Nitroso-di-n-propylamine
Concen: 15.157 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF118678.D
Acq: 23 Jan 2020 16:37

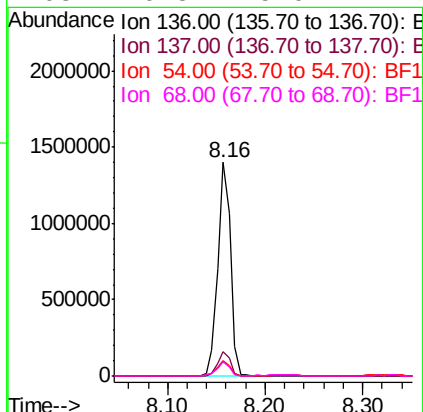
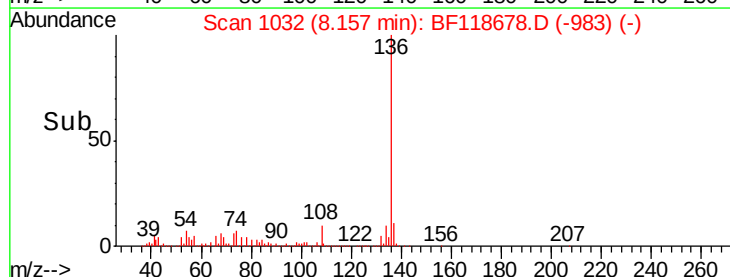
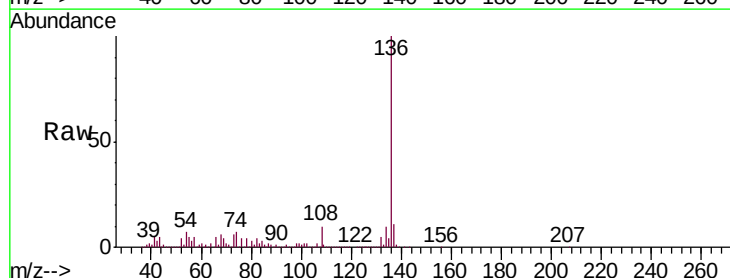
Instrument :
BNA_F
ClientSampleId :
55-ST-25

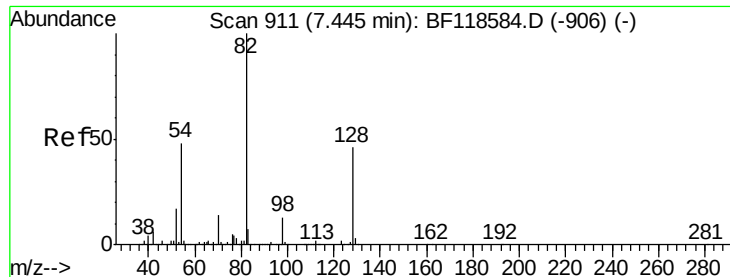
Tgt Ion:	70	Resp:	249511
Ion	Ratio	Lower	Upper
70	100		
42	44.7	43.4	65.0
101	0.2	8.1	12.1#
130	2.2	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118678.D
Acq: 23 Jan 2020 16:37

Tgt Ion:	136	Resp:	1268906
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.2	5.8	8.6
68	6.3	5.0	7.4





#23

Nitrobenzene-d5

Concen: 81.604 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118678.D

Acq: 23 Jan 2020 16:37

Instrument :

BNA_F

ClientSampled :

55-ST-25

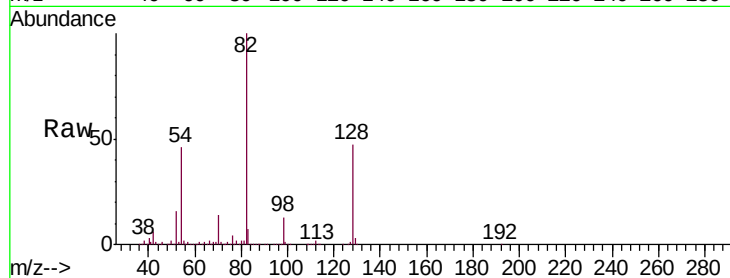
Tgt Ion: 82 Resp: 1851256

Ion Ratio Lower Upper

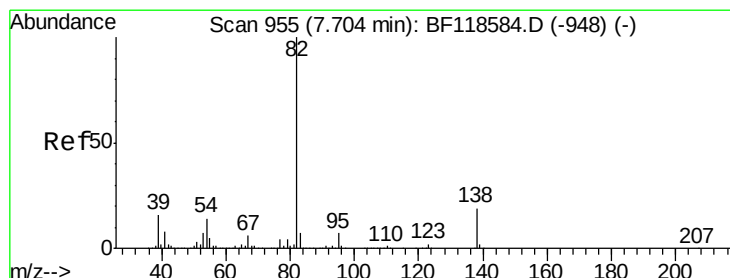
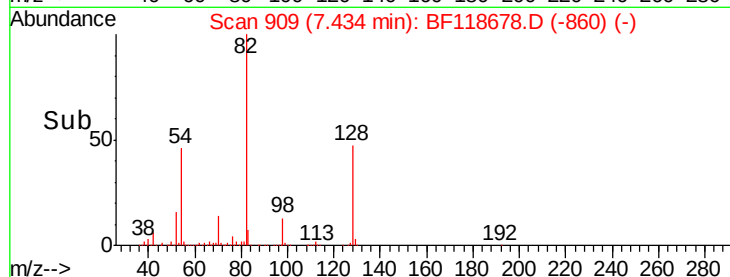
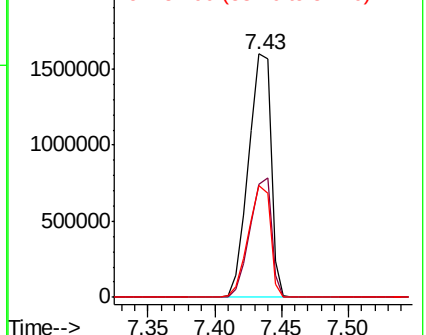
82 100

128 46.6 36.6 54.8

54 46.0 38.0 57.0



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



#25

Isophorone

Concen: 44.618 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.27 min

Lab File: BF118678.D

Acq: 23 Jan 2020 16:37

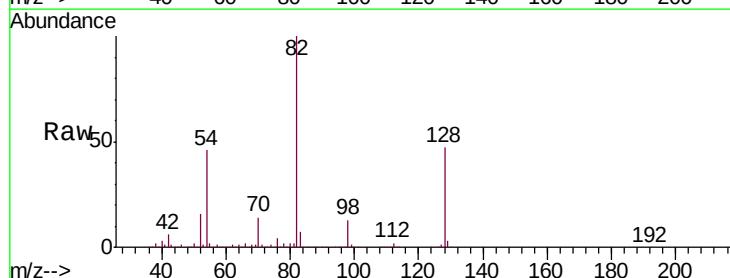
Tgt Ion: 82 Resp: 1846214

Ion Ratio Lower Upper

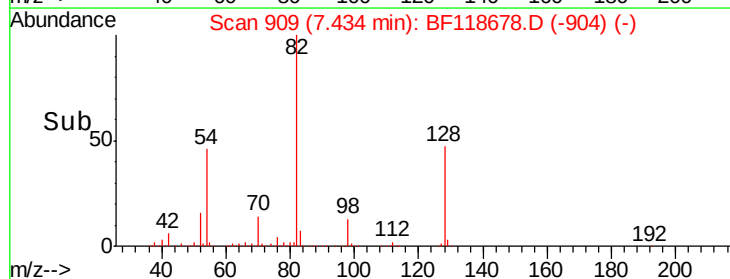
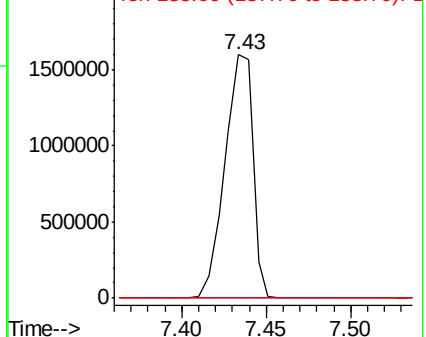
82 100

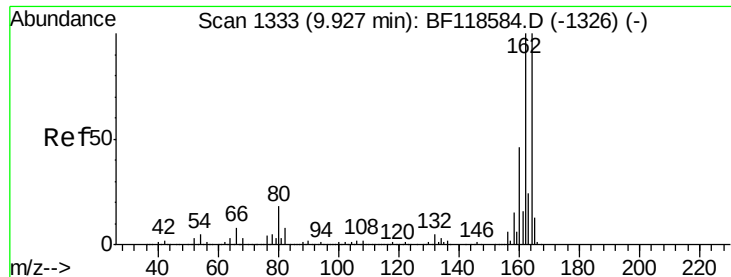
95 0.1 5.9 8.9#

138 0.0 15.3 22.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

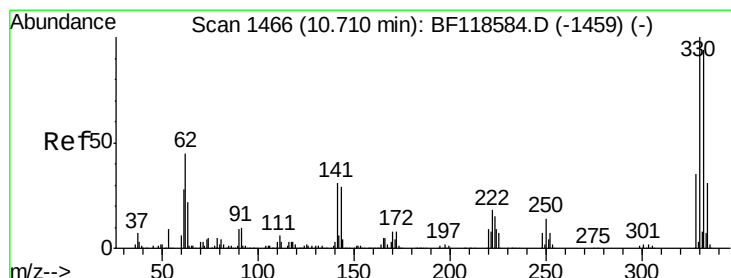
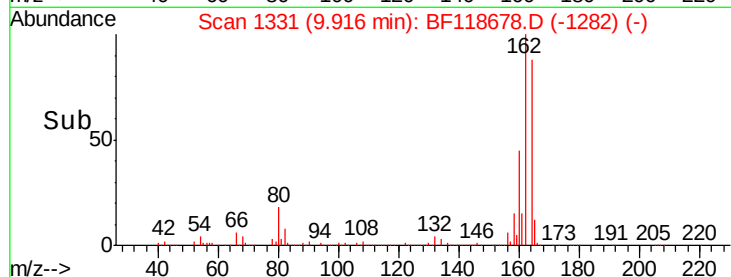
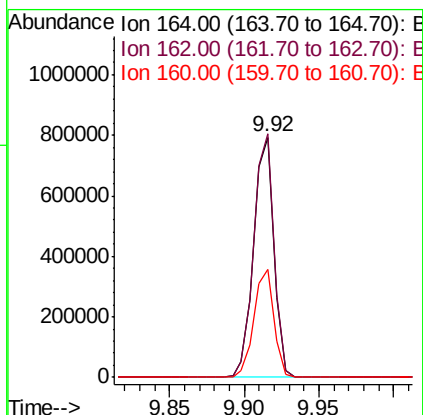
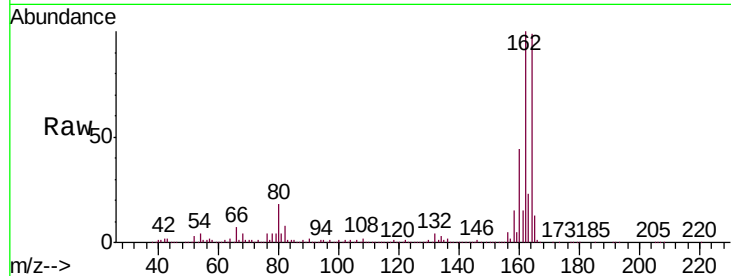




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118678.D
Acq: 23 Jan 2020 16:37

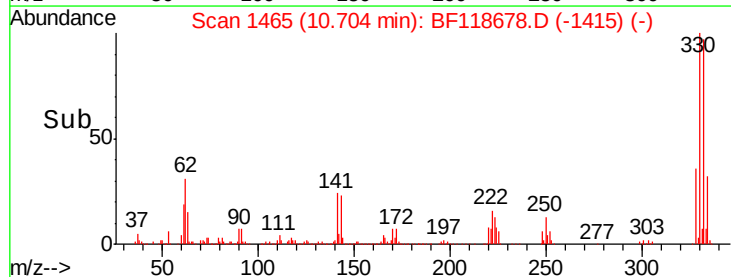
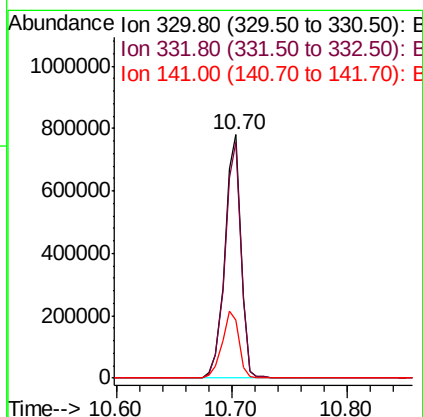
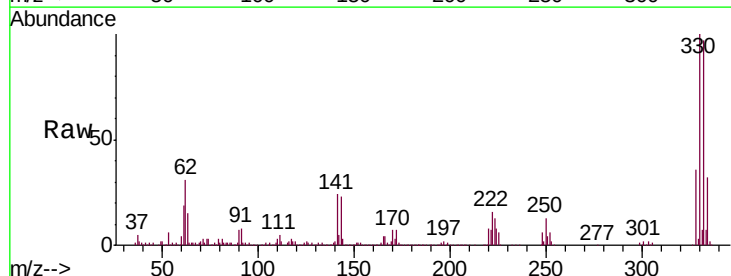
Instrument :
BNA_F
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55-ST-25

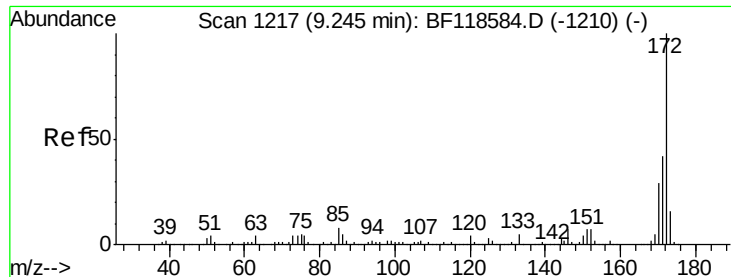
Tgt Ion:164 Resp: 739296
Ion Ratio Lower Upper
164 100
162 101.4 80.4 120.6
160 45.0 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 88.445 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118678.D
Acq: 23 Jan 2020 16:37

Tgt Ion:330 Resp: 756283
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 28.3 23.9 35.9

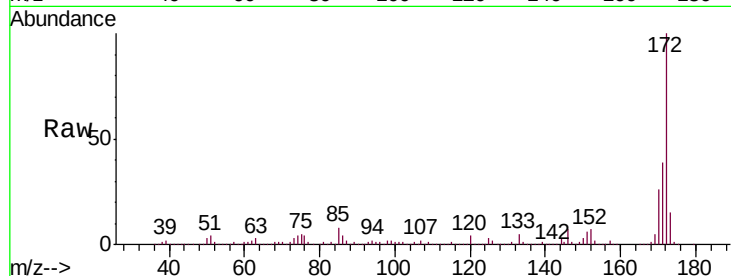




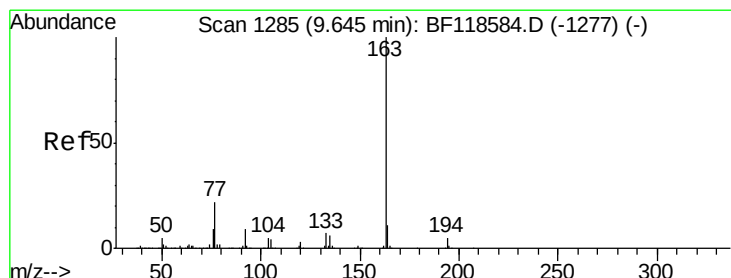
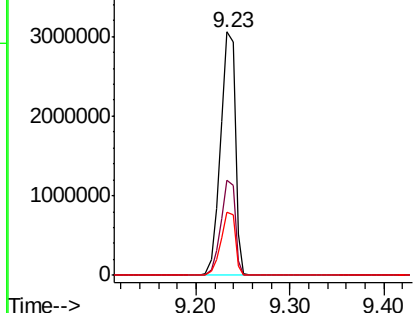
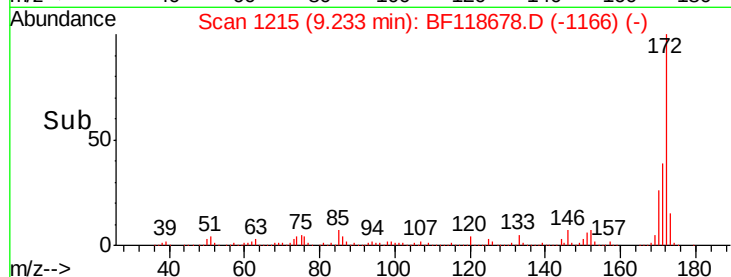
#45
 2-Fluorobiphenyl
 Concen: 75.106 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118678.D
 Acq: 23 Jan 2020 16:37

Instrument :
 BNA_F
 ClientSampleId :
 55-ST-25

Tgt Ion:172 Resp: 3378276
 Ion Ratio Lower Upper
 172 100
 171 38.8 33.4 50.2
 170 26.0 23.2 34.8

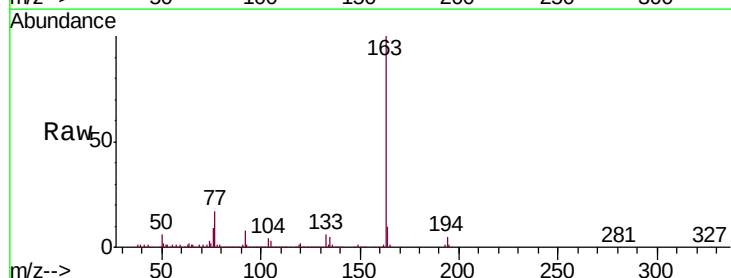


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

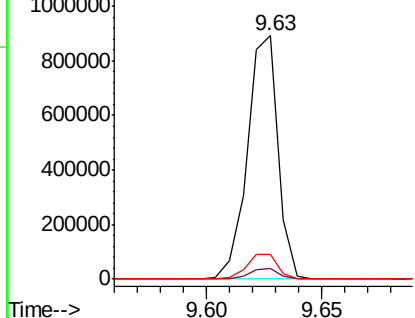
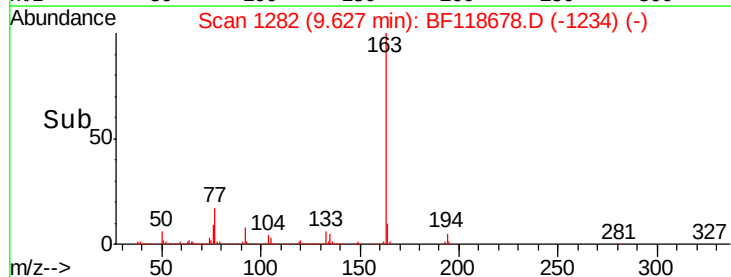


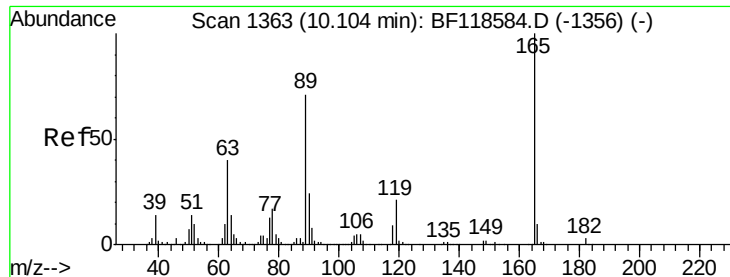
#50
 Dimethylphthalate
 Concen: 17.266 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BF118678.D
 Acq: 23 Jan 2020 16:37

Tgt Ion:163 Resp: 831643
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.9 5.9
 164 10.2 9.1 13.7



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

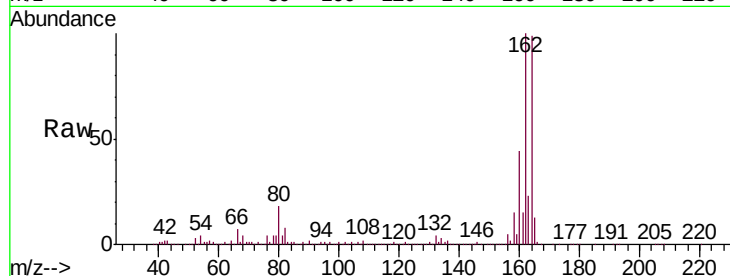




#57
 2,4-Dinitrotoluene
 Concen: 7.330 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118678.D
 Acq: 23 Jan 2020 16:37

Instrument :
 BNA_F
 ClientSampleId :
 55-ST-25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.4	48.6#
89	1.4	56.4	84.6#
182	0.0	2.3	3.5#

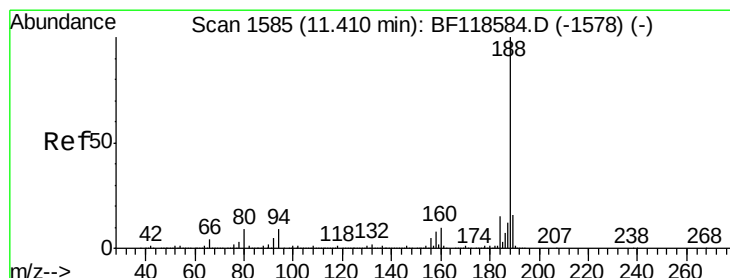
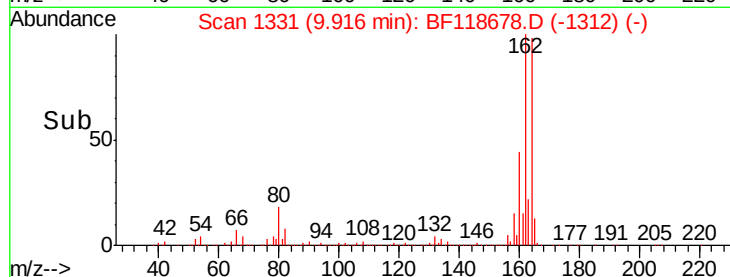
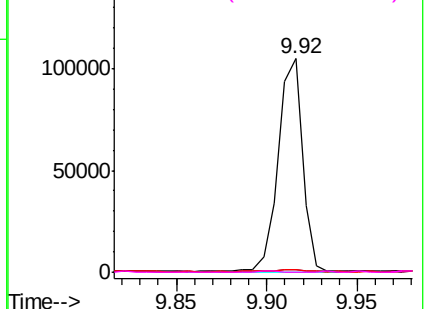


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

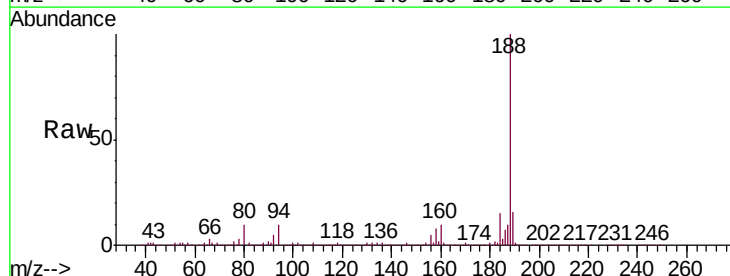
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF118678.D
 Acq: 23 Jan 2020 16:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.1	10.7
80	10.1	7.5	11.3



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

