

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114867.D
 Acq On : 6 Jun 2019 17:21
 Operator : HP/JU
 Sample : PB120321BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120321BL

Quant Time: Jun 07 00:02:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

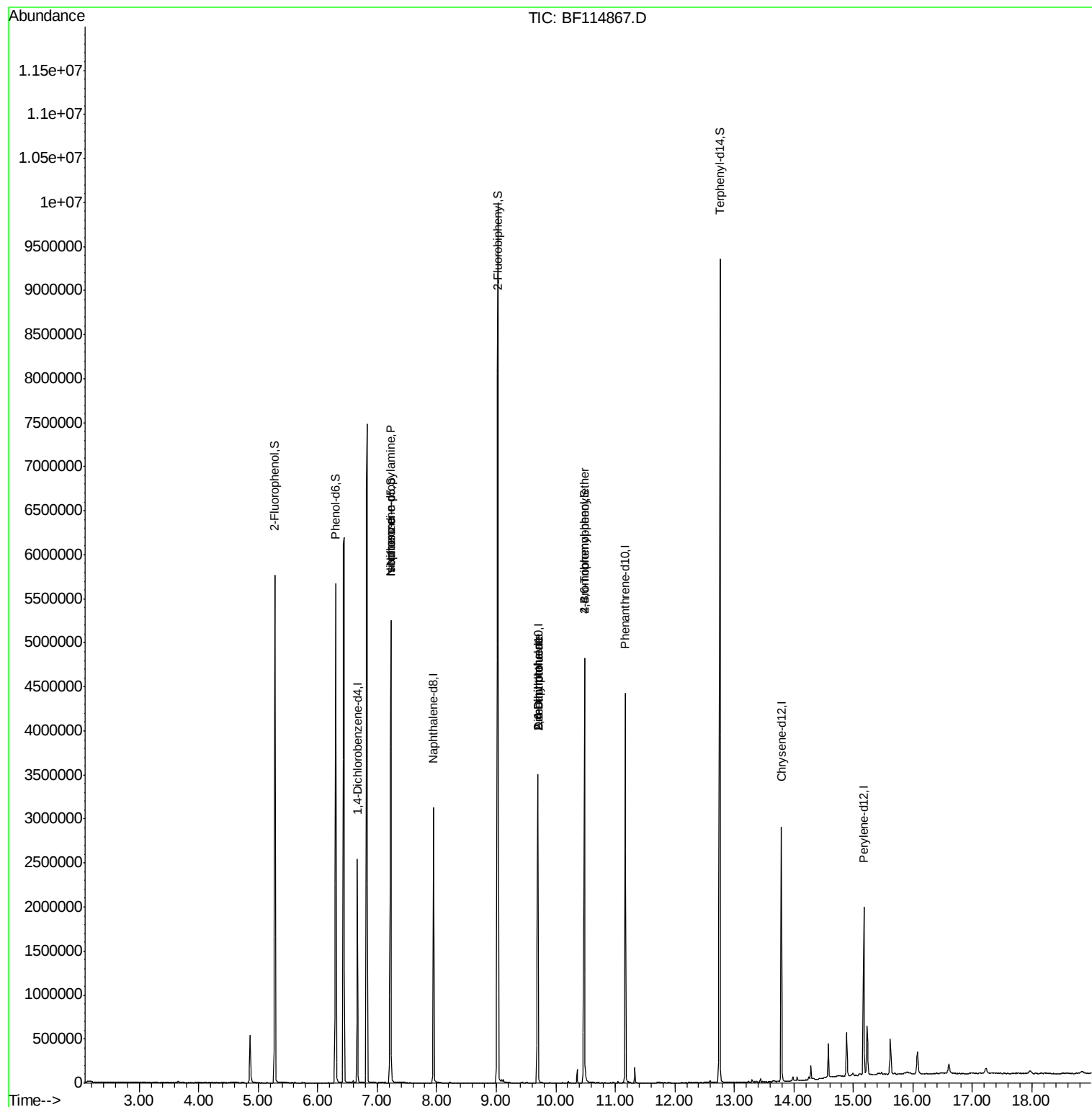
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	398786	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1571680	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	811638	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1536953	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1005610	20.00	ng	0.00
87) Perylene-d12	15.17	264	875568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1909078	83.65	ng	0.02
7) Phenol-d6	6.30	99	2309331	83.16	ng	0.00
23) Nitrobenzene-d5	7.23	82	2111598	82.71	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	676670	77.36	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3746318	86.47	ng	0.00
79) Terphenyl-d14	12.76	244	3560493	68.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	285041	15.506	ng	# 77
25) Isophorone	7.23	82	2071544	41.042	ng	# 61
50) Dimethylphthalate	9.70	163	224015	3.779	ng	# 1
51) 2,6-Dinitrotoluene	9.69	165	103974	7.458	ng	# 32
57) 2,4-Dinitrotoluene	9.69	165	103974	5.933	ng	# 32
58) Fluorene	10.48	166	31748	Below Cal	#	94
67) 4-Bromophenyl-phenylether	10.48	248	44042	2.523	ng	# 1

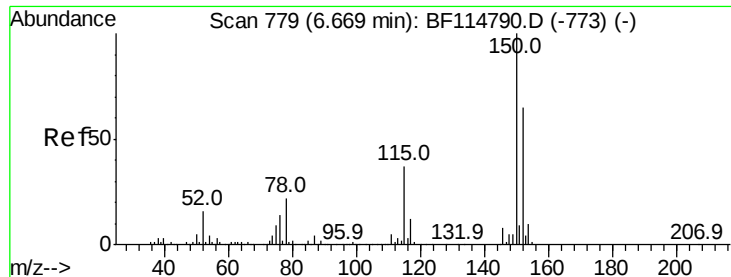
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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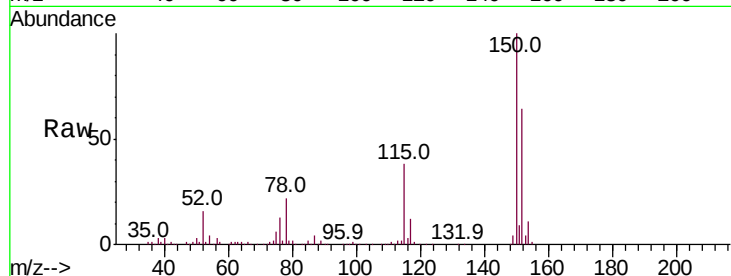


#1

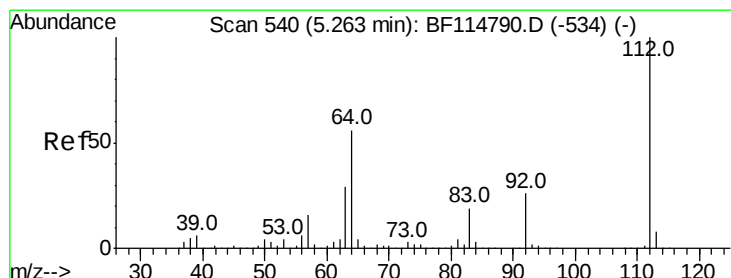
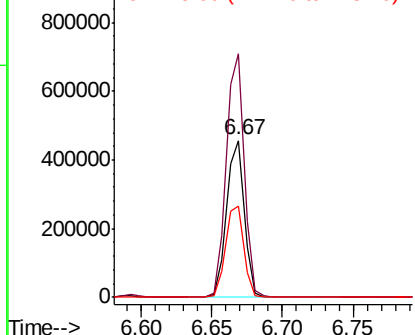
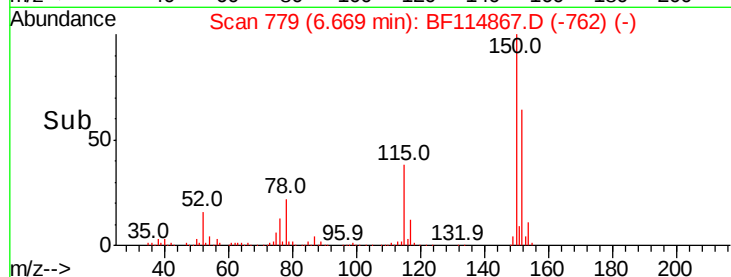
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114867.D
Acq: 6 Jun 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PB120321BL

Tot Ion:152 Resp: 398786
Ion Ratio Lower Upper
152 100
150 155.3 124.0 186.0
115 58.3 46.3 69.5



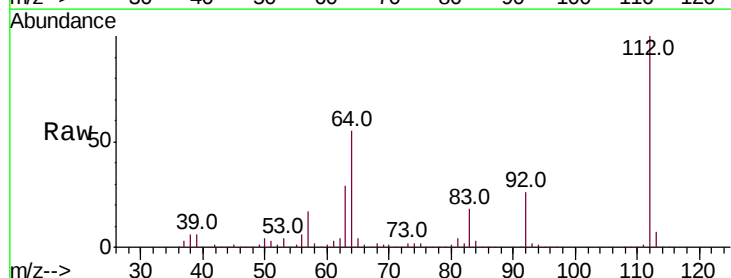
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



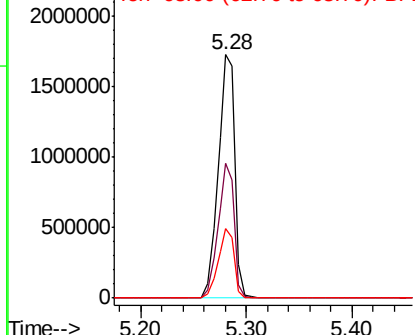
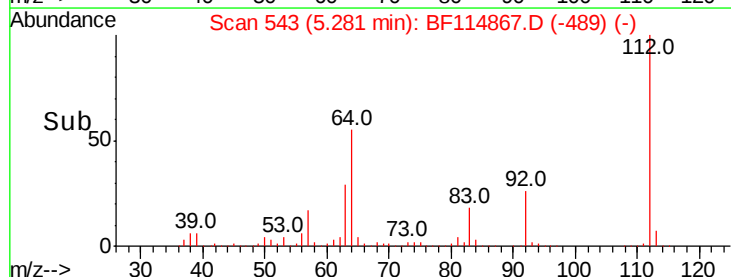
#5

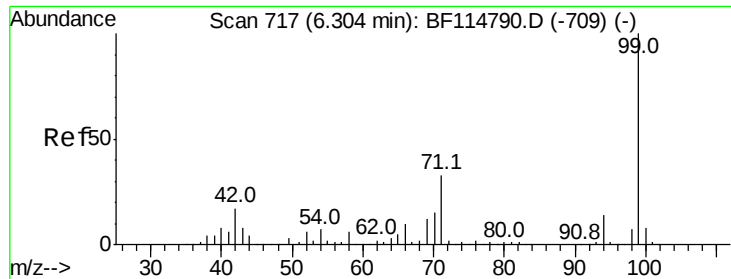
2-Fluorophenol
Concen: 83.650 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF114867.D
Acq: 6 Jun 2019 17:21

Tgt Ion:112 Resp: 1909078
Ion Ratio Lower Upper
112 100
64 55.5 44.6 66.8
63 28.6 23.0 34.4



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: 83.159 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF114867.D

Acq: 6 Jun 2019 17:21

Instrument :

BNA_F

ClientSampleId :

PB120321BL

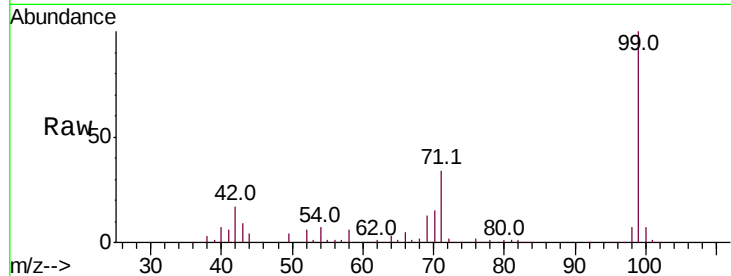
Tot Ion: 99 Resp: 2309331

Ion Ratio Lower Upper

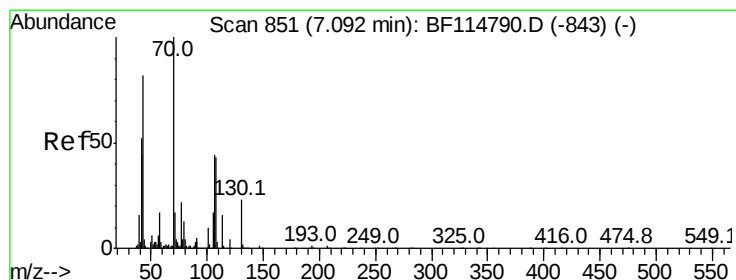
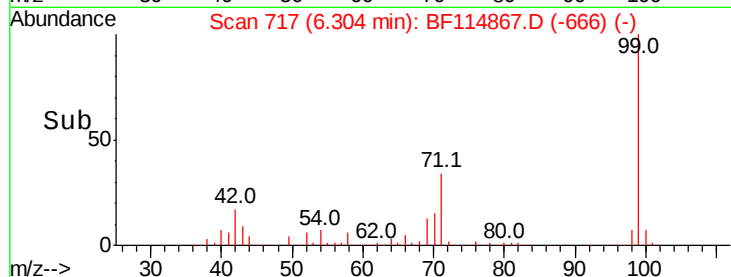
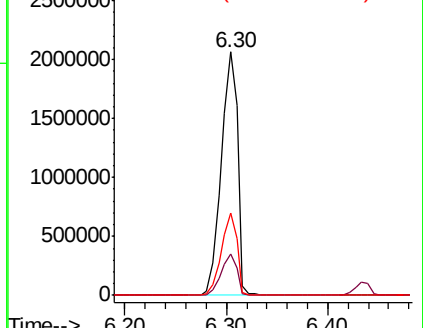
99 100

42 17.0 13.3 19.9

71 34.0 26.3 39.5



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.506 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF114867.D

Acq: 6 Jun 2019 17:21

Tgt Ion: 70 Resp: 285041

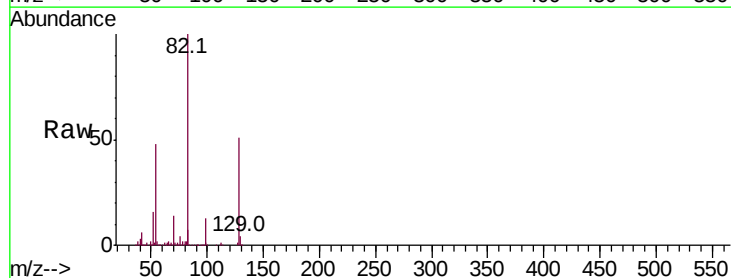
Ion Ratio Lower Upper

70 100

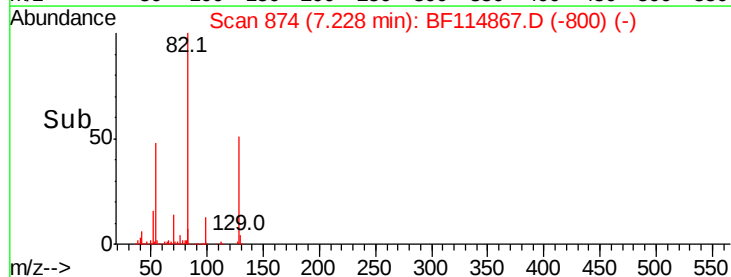
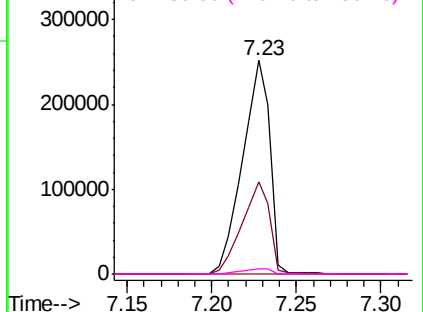
42 43.1 41.8 62.8

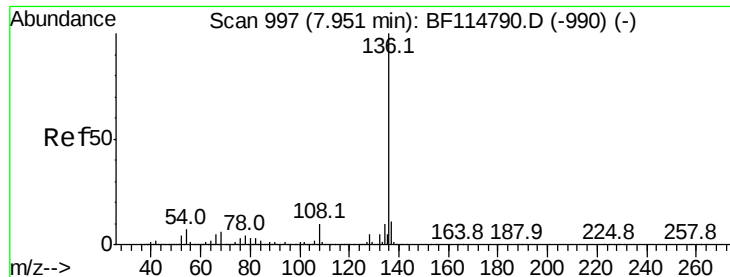
101 0.0 8.2 12.4#

130 2.5 18.5 27.7#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF114867.D

Acq: 6 Jun 2019 17:21

Instrument :

BNA_F

ClientSampleId :

PB120321BL

Tot Ion:136 Resp: 1571680

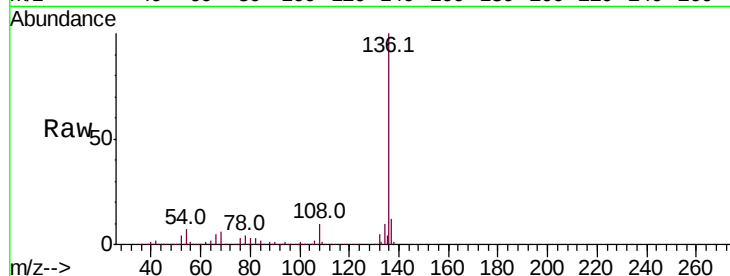
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 7.3 5.4 8.0

68 6.1 4.6 6.8

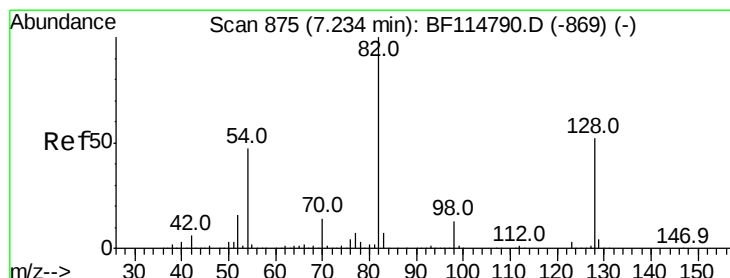
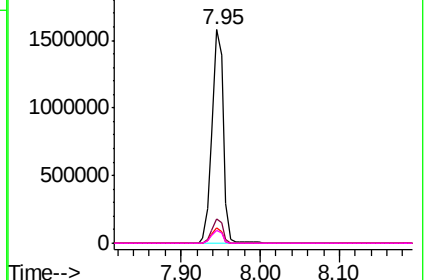
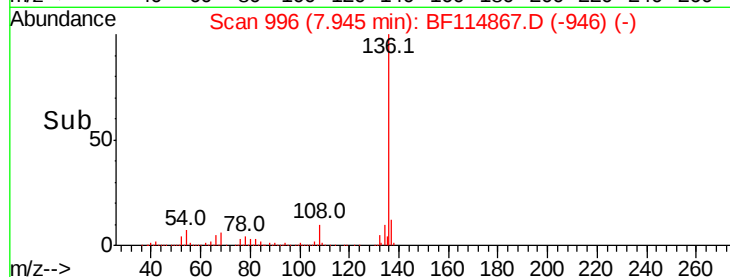


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.706 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF114867.D

Acq: 6 Jun 2019 17:21

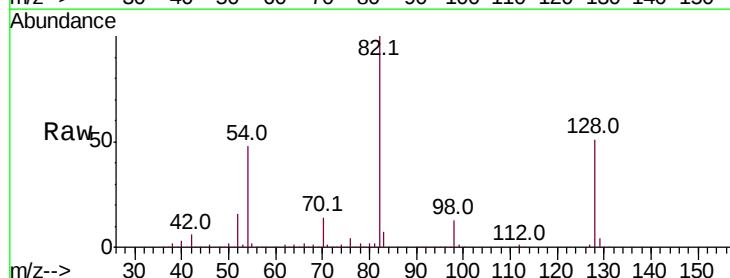
Tgt Ion: 82 Resp: 2111598

Ion Ratio Lower Upper

82 100

128 50.6 41.8 62.6

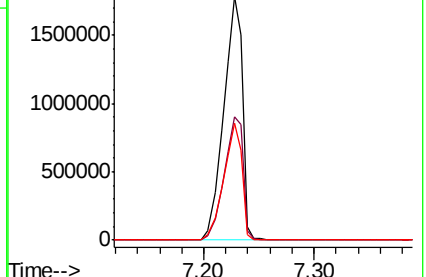
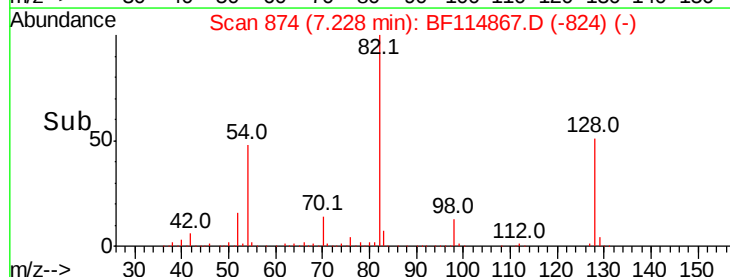
54 48.0 37.9 56.9

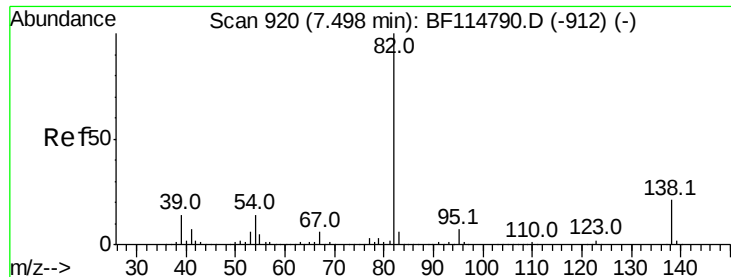


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.042 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF114867.D

Acq: 6 Jun 2019 17:21

Instrument :

BNA_F

ClientSampleId :

PB120321BL

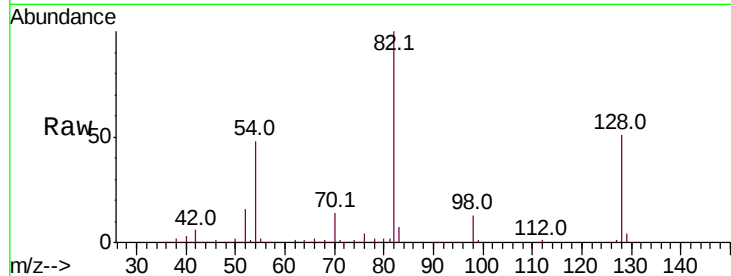
Tot Ion: 82 Resp: 2071544

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

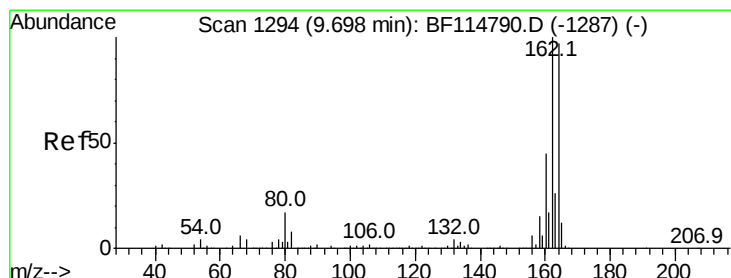
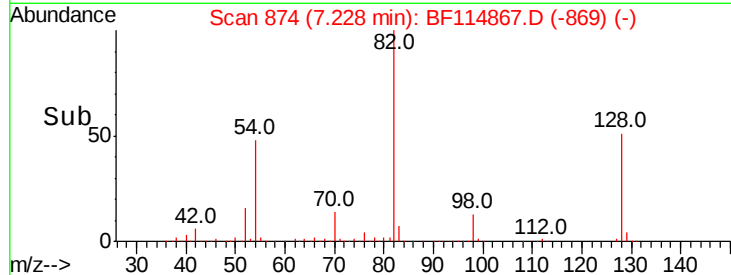
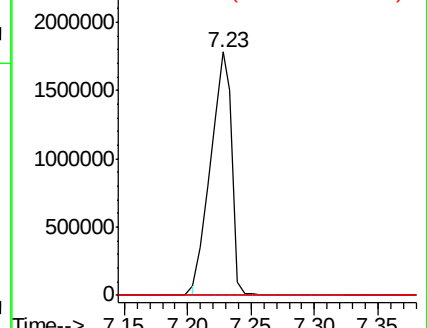
138 0.0 16.9 25.3#



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: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF114867.D

Acq: 6 Jun 2019 17:21

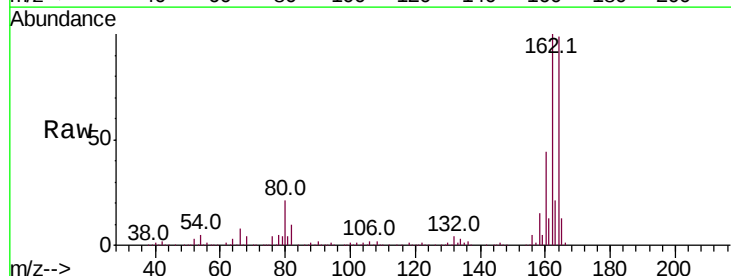
Tgt Ion:164 Resp: 811638

Ion Ratio Lower Upper

164 100

162 101.4 82.3 123.5

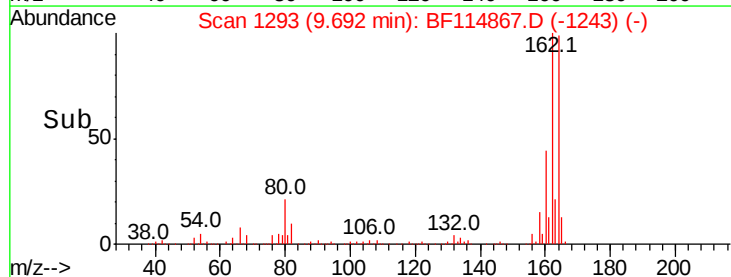
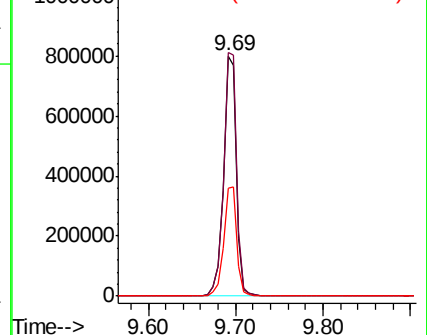
160 45.0 36.7 55.1

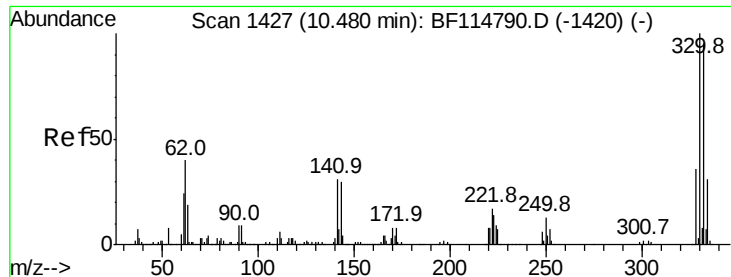


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 77.363 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BF114867.D

Acq: 6 Jun 2019 17:21

Instrument :

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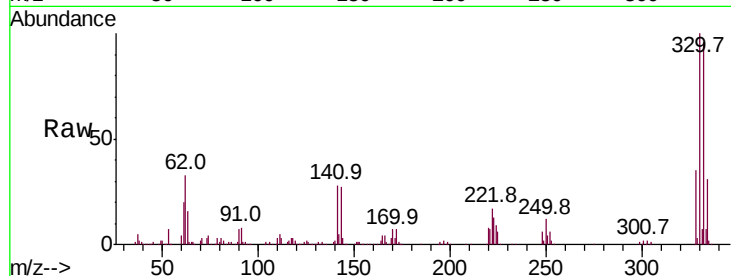
Tot Ion:330 Resp: 676670

Ion Ratio Lower Upper

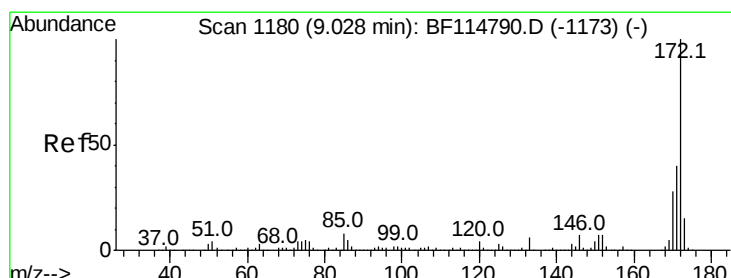
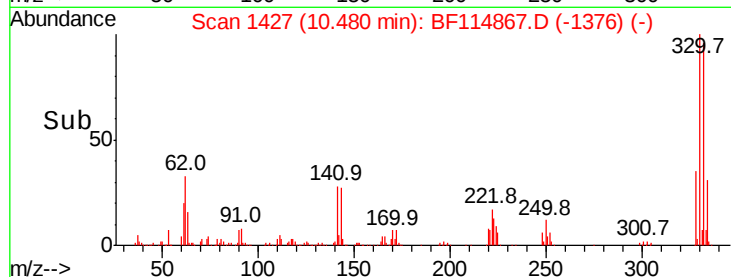
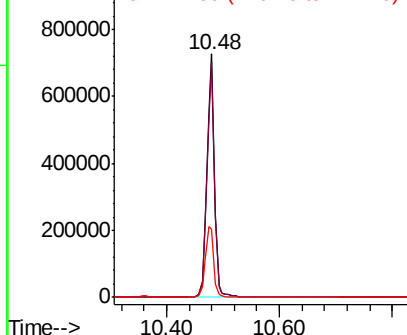
330 100

332 96.0 77.3 115.9

141 33.0 26.2 39.4



Abundance Ion 329.80 (329.50 to 330.50): E
1000000 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 86.466 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF114867.D

Acq: 6 Jun 2019 17:21

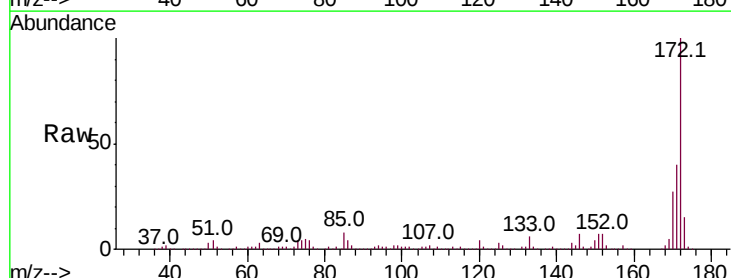
Tgt Ion:172 Resp: 3746318

Ion Ratio Lower Upper

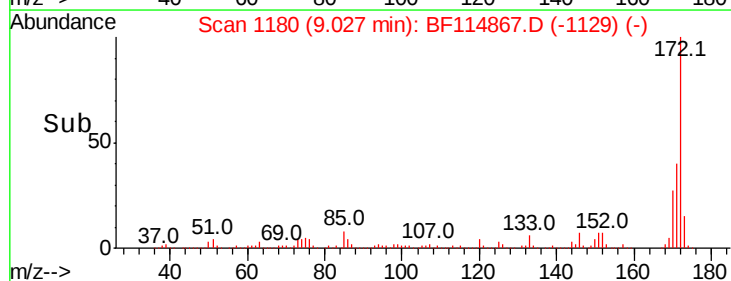
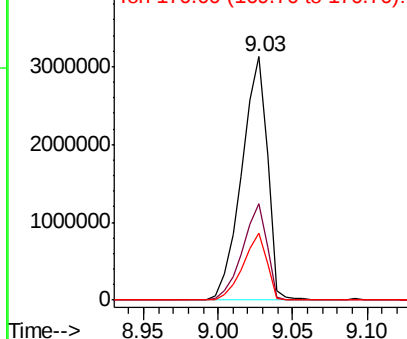
172 100

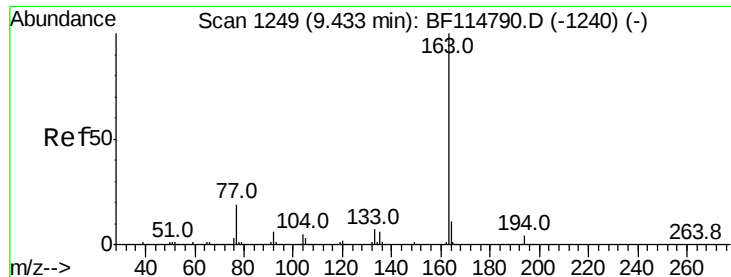
171 39.6 32.3 48.5

170 27.3 22.4 33.6



Abundance Ion 172.00 (171.70 to 172.70): E
4000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

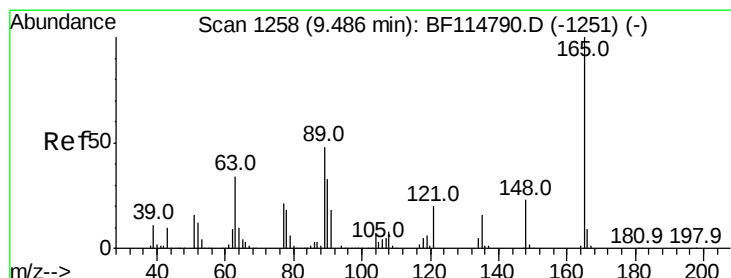
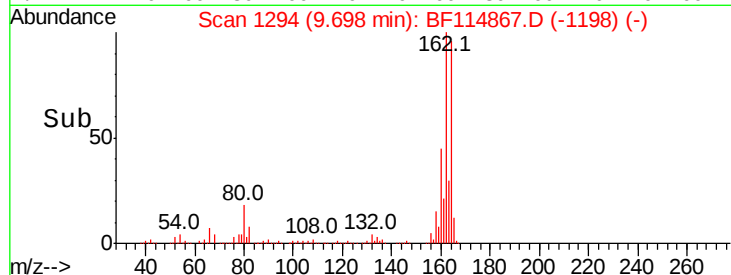
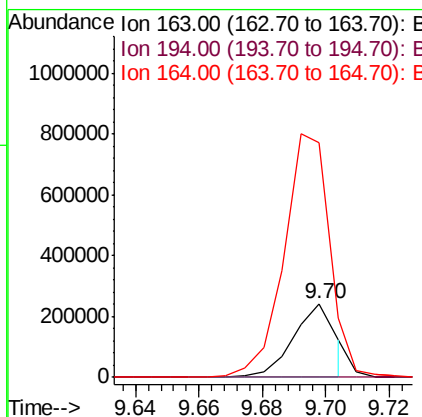
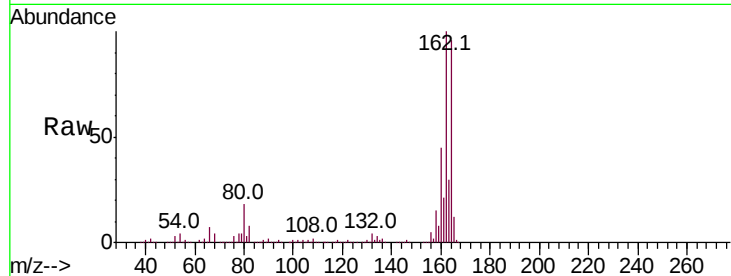




#50
Dimethylphthalate
Concen: 3.779 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.26 min
Lab File: BF114867.D
Acq: 6 Jun 2019 17:21

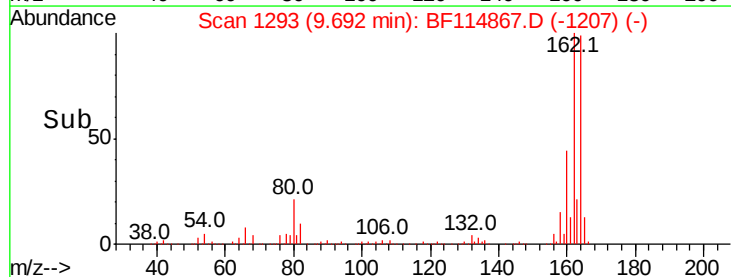
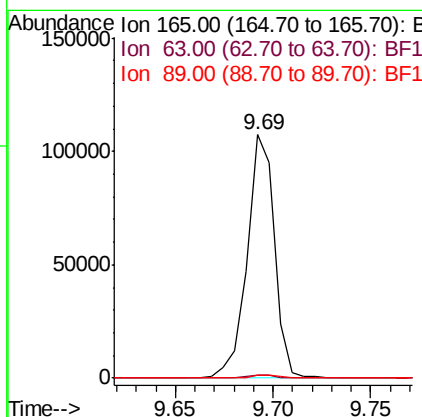
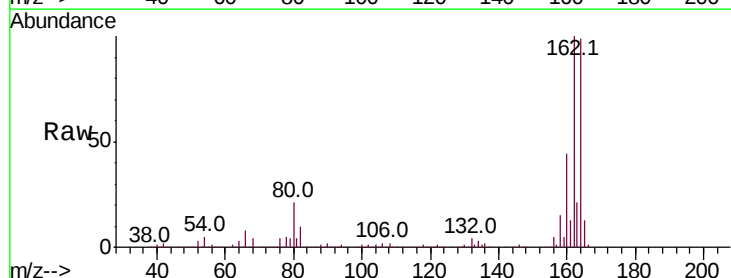
Instrument :
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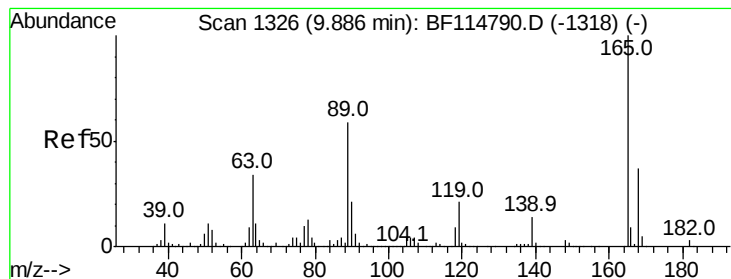
Tot Ion:163 Resp: 224015
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.2#
164 318.6 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 7.458 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.21 min
Lab File: BF114867.D
Acq: 6 Jun 2019 17:21

Tgt Ion:165 Resp: 103974
Ion Ratio Lower Upper
165 100
63 1.0 35.1 52.7#
89 1.1 38.2 57.2#

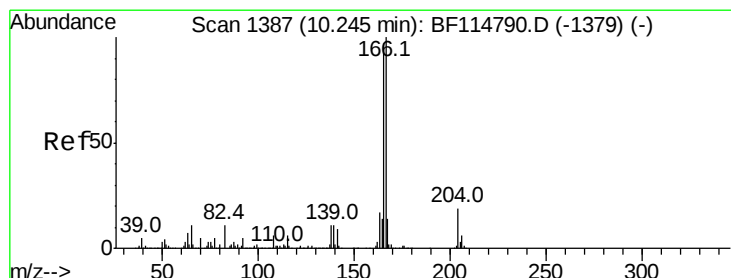
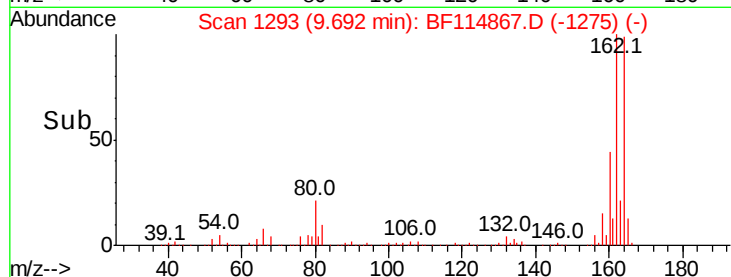
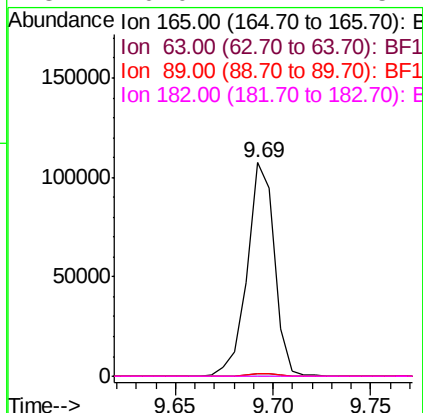
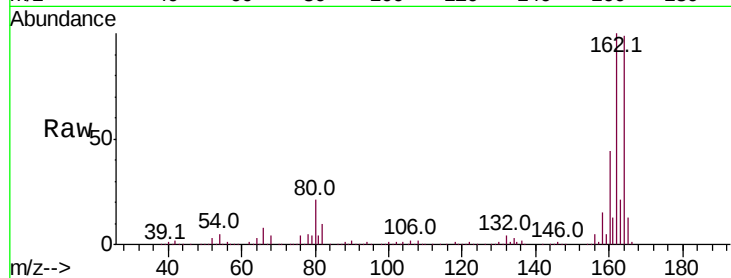




#57
 2,4-Dinitrotoluene
 Concen: 5.933 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.19 min
 Lab File: BF114867.D
 Acq: 6 Jun 2019 17:21

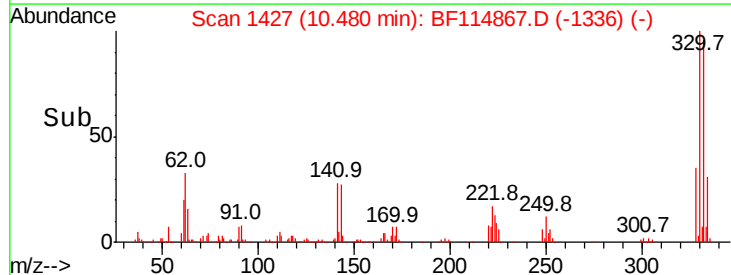
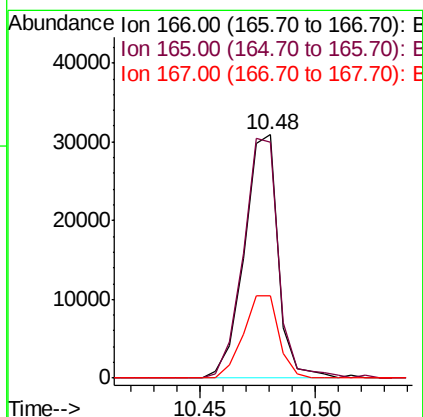
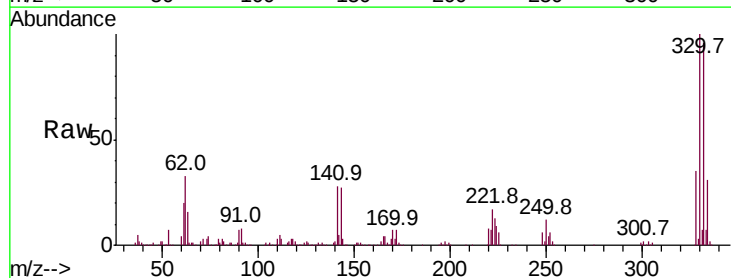
Instrument :
 BNA_F
 ClientSampleId :
 PB120321BL

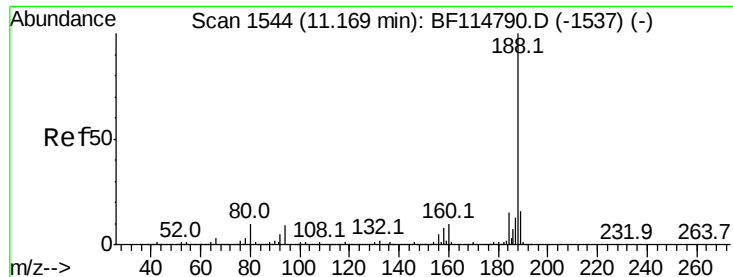
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	27.0	40.4#
89	1.1	47.0	70.6#
182	0.0	2.2	3.2#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.24 min
 Lab File: BF114867.D
 Acq: 6 Jun 2019 17:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.9	116.9
167	33.6	11.3	16.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BF114867.D

Acq: 6 Jun 2019 17:21

Instrument :

BNA_F

ClientSampleId :

PB120321BL

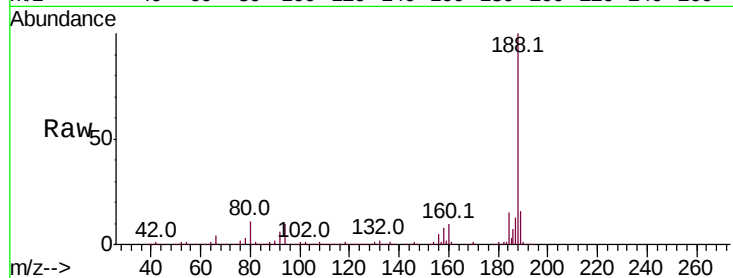
Tot Ion:188 Resp: 1536953

Ion Ratio Lower Upper

188 100

94 10.2 7.6 11.4

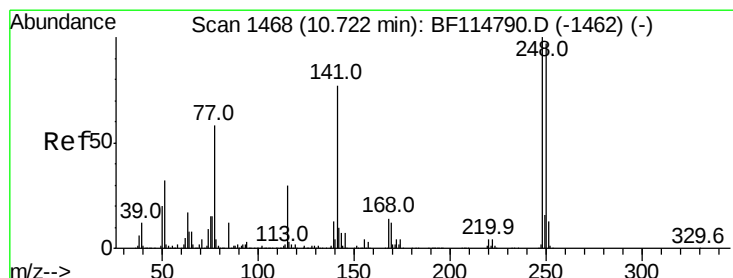
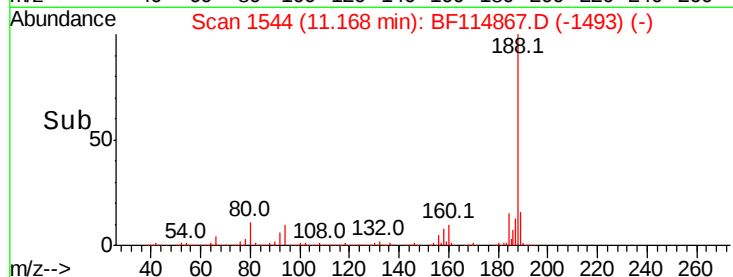
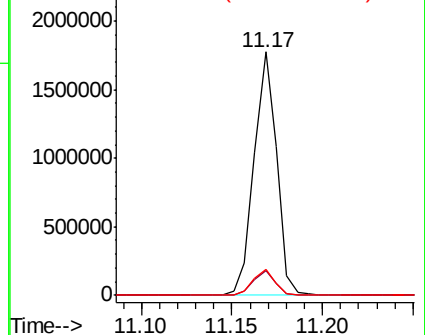
80 10.6 8.3 12.5



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



#67

4-Bromophenyl-phenylether

Concen: 2.523 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.24 min

Lab File: BF114867.D

Acq: 6 Jun 2019 17:21

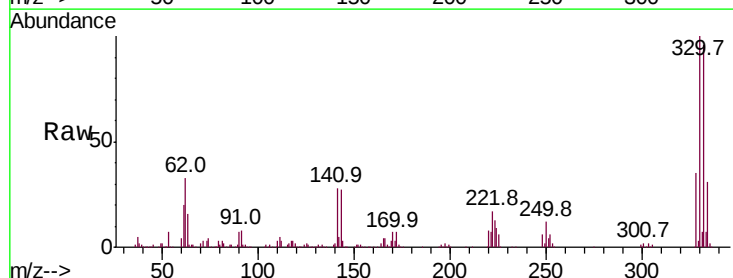
Tgt Ion:248 Resp: 44042

Ion Ratio Lower Upper

248 100

250 190.6 77.5 116.3#

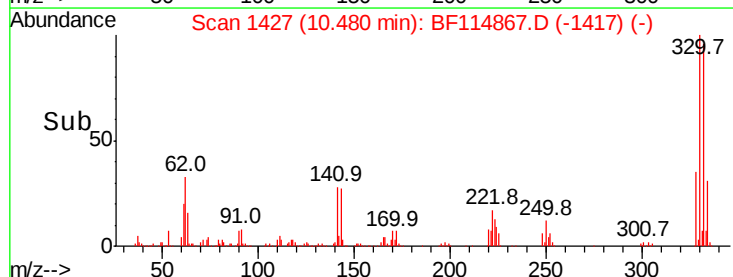
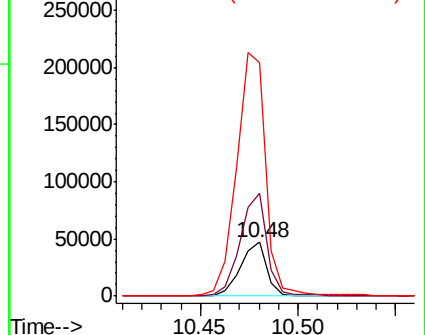
141 434.6 61.8 92.8#

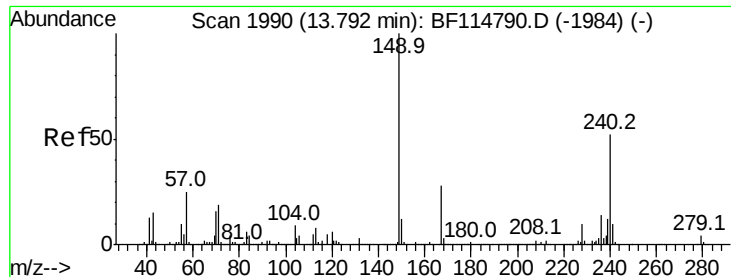


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BF114867.D

Acq: 6 Jun 2019 17:21

Instrument :

BNA_F

ClientSampleId :

PB120321BL

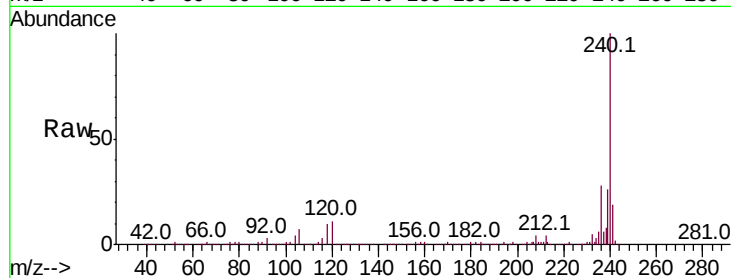
Tot Ion:240 Resp: 1005610

Ion Ratio Lower Upper

240 100

120 10.7 9.0 13.4

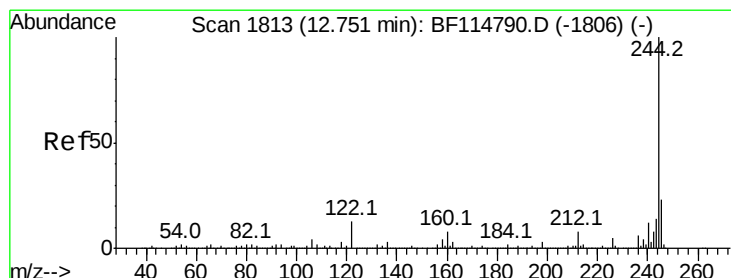
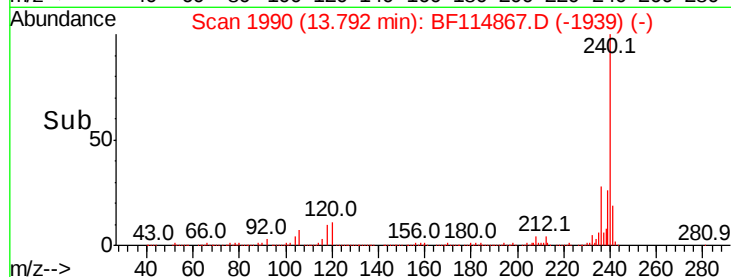
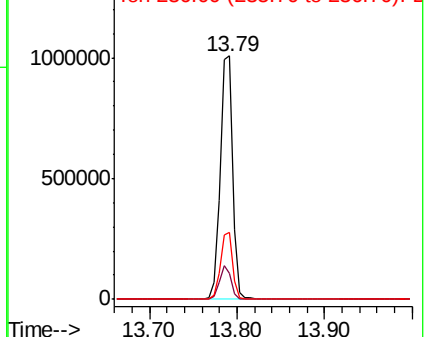
236 27.7 21.4 32.0



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



#79

Terphenyl-d14

Concen: 68.857 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114867.D

Acq: 6 Jun 2019 17:21

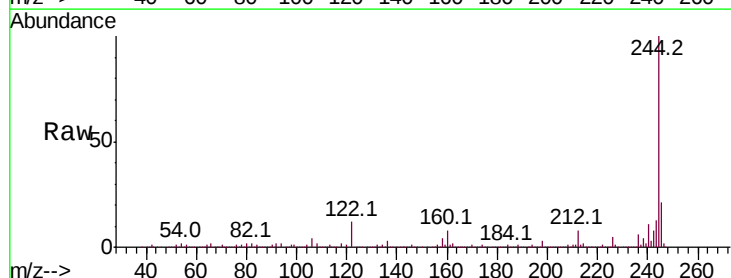
Tgt Ion:244 Resp: 3560493

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

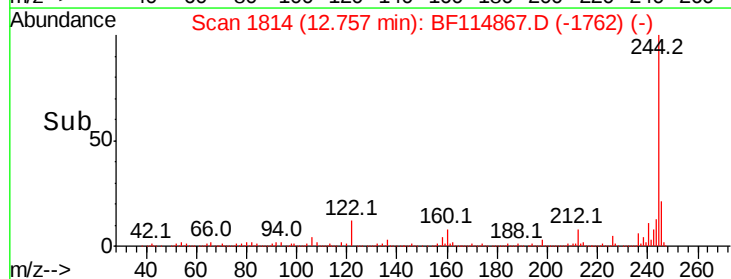
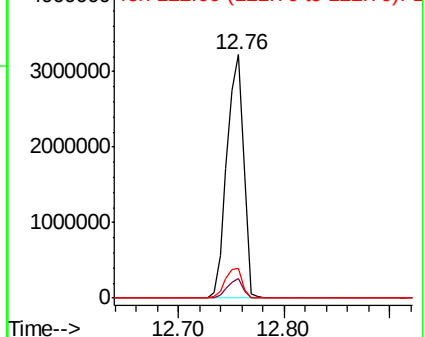
122 12.4 10.5 15.7

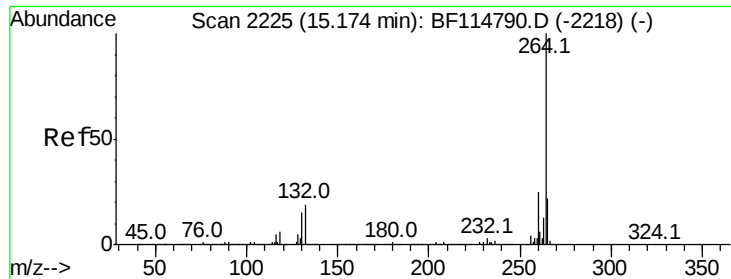


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

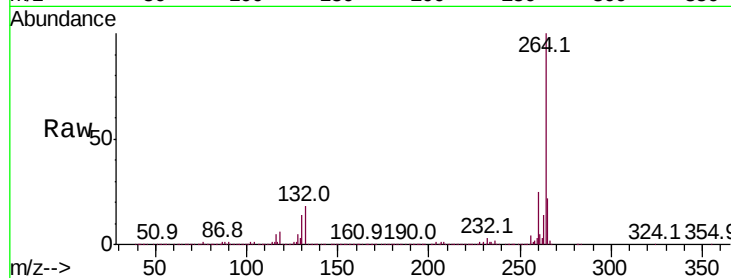




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF114867.D
Acq: 6 Jun 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PB120321BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	21.5	17.7	26.5



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

