

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114869.D
 Acq On : 6 Jun 2019 18:30
 Operator : HP/JU
 Sample : K3211-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200052

Quant Time: Jun 07 00:02:30 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

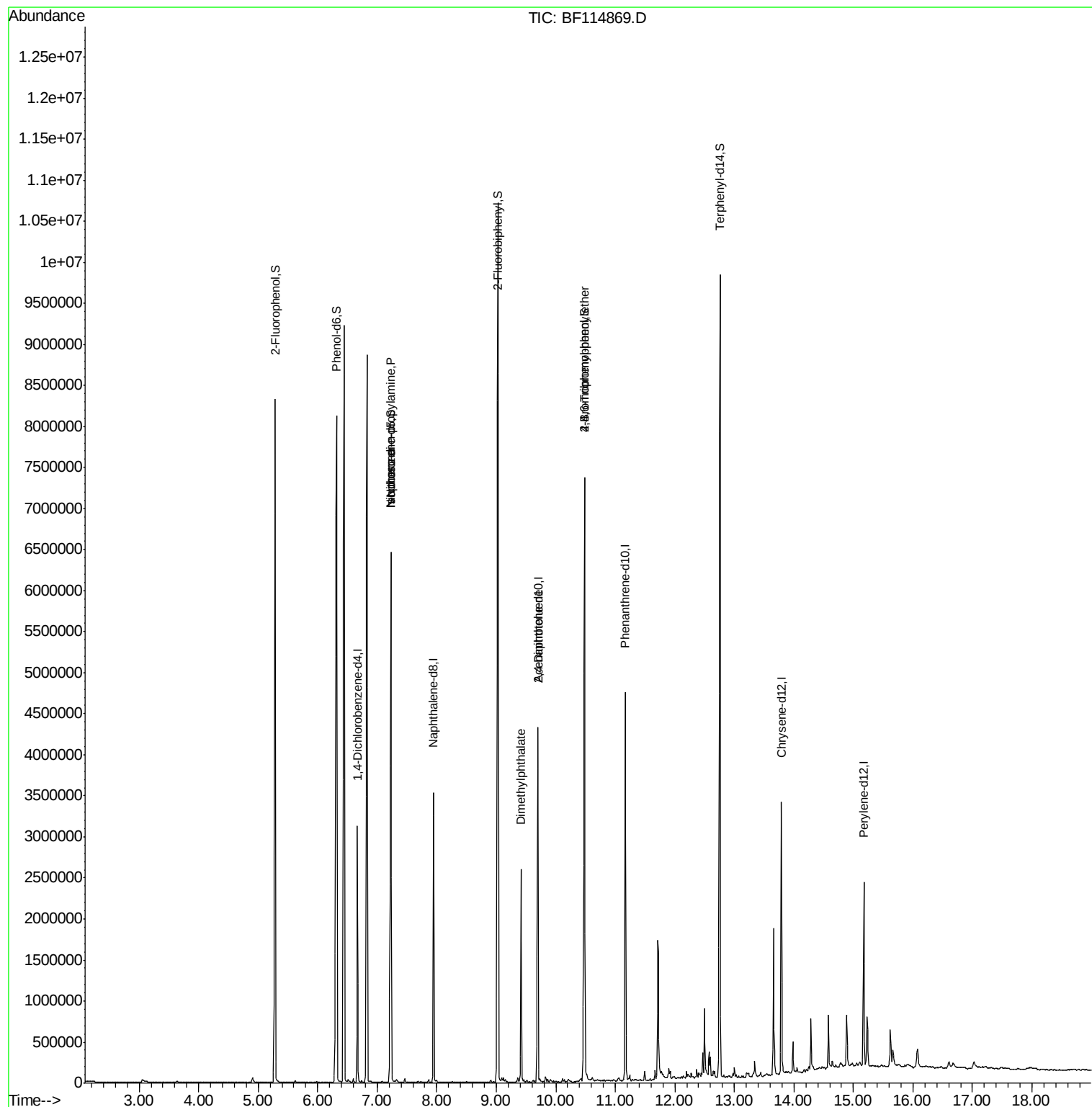
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	458587	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1785464	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	922713	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1726520	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1086749	20.00	ng	0.00
87) Perylene-d12	15.17	264	958708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	3261839	124.29	ng	0.02
7) Phenol-d6	6.32	99	4066208	127.33	ng	0.01
23) Nitrobenzene-d5	7.23	82	2640855	91.05	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	1248904	125.60	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4277735	86.85	ng	0.00
79) Terphenyl-d14	12.76	244	4134006	73.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	359260	16.995	ng	# 77
25) Isophorone	7.23	82	2601263	45.366	ng	# 61
50) Dimethylphthalate	9.42	163	1035199	15.361	ng	100
57) 2,4-Dinitrotoluene	9.70	165	120206	6.033	ng	# 32
58) Fluorene	10.24	166	2588	Below Cal		# 89
67) 4-Bromophenyl-phenylether	10.49	248	79526	4.056	ng	# 1

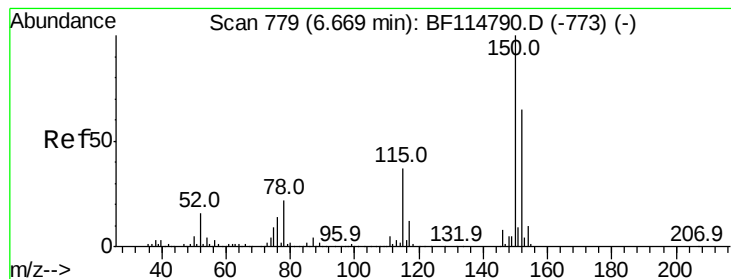
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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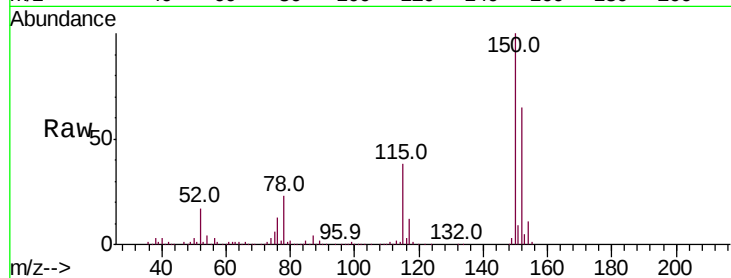


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114869.D
Acq: 6 Jun 2019 18:30

Instrument :
BNA_F
ClientSampleId :
RBR-200052

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.0	186.0
115	58.0	46.3	69.5

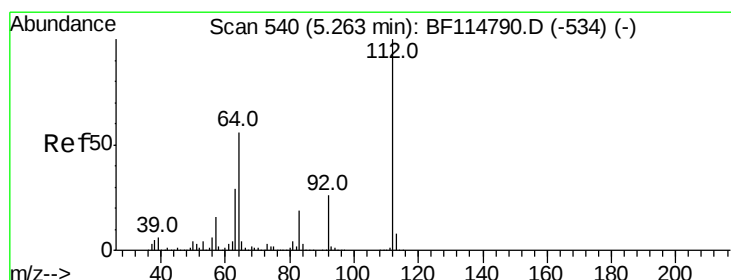
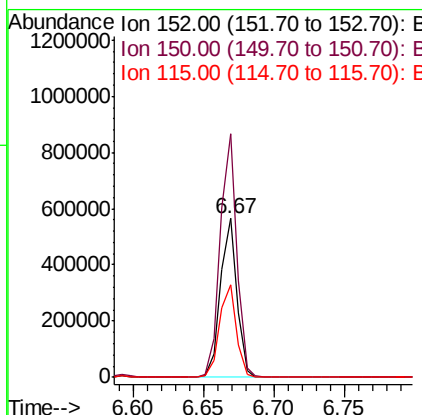
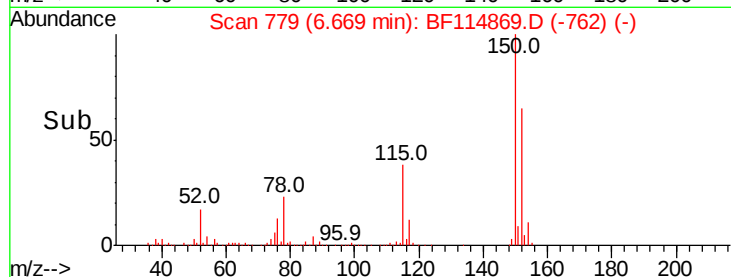


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

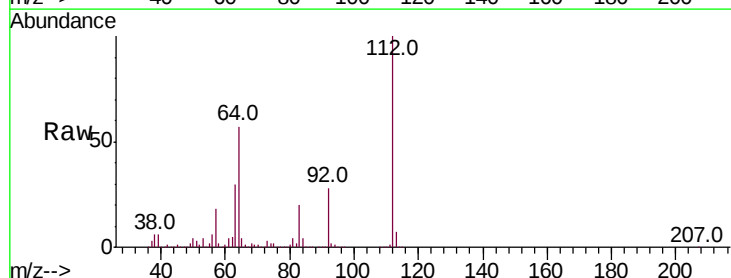
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 124.286 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.02 min
Lab File: BF114869.D
Acq: 6 Jun 2019 18:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	44.6	66.8
63	29.9	23.0	34.4

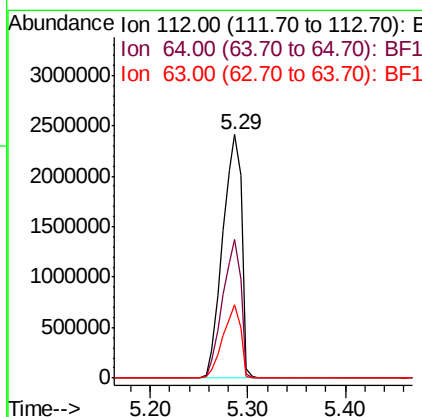
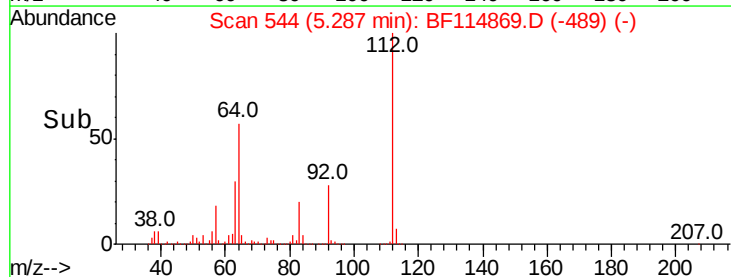


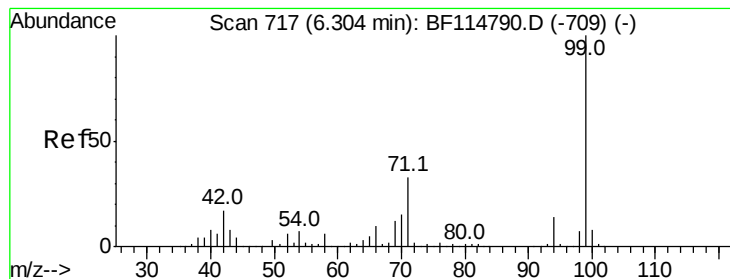
Abundance

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: 127.329 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114869.D

Acq: 6 Jun 2019 18:30

Instrument :

BNA_F

ClientSampleId :

RBR-200052

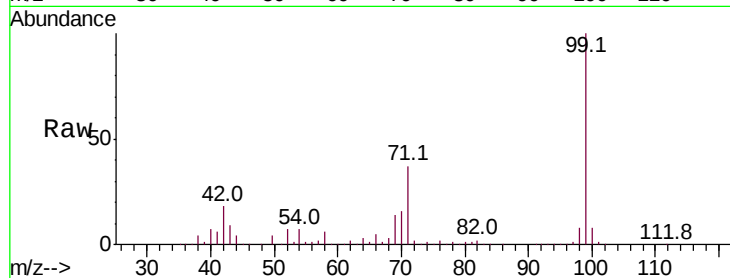
Tot Ion: 99 Resp: 4066208

Ion Ratio Lower Upper

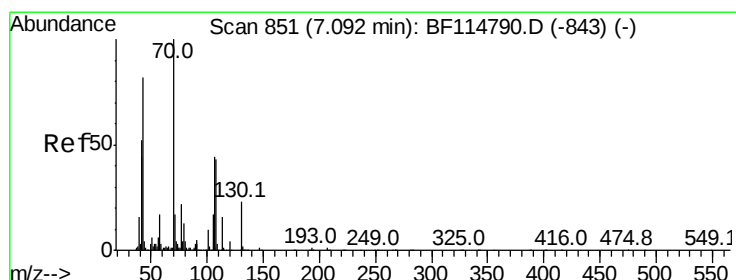
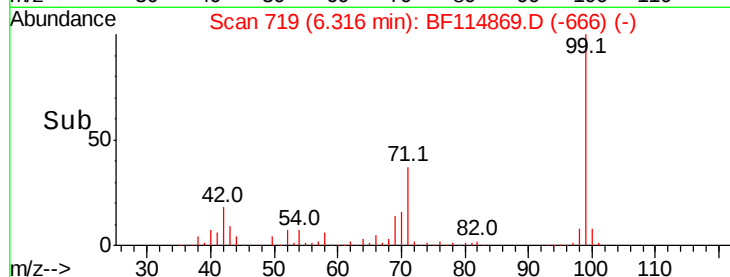
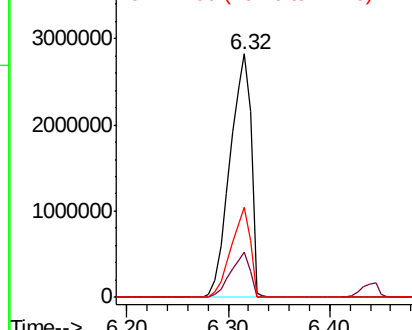
99 100

42 18.4 13.3 19.9

71 36.9 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: 16.995 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.14 min

Lab File: BF114869.D

Acq: 6 Jun 2019 18:30

Tgt Ion: 70 Resp: 359260

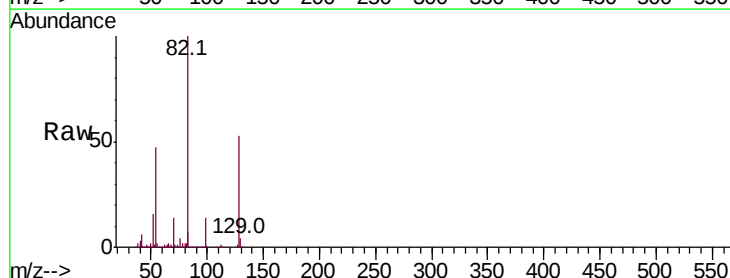
Ion Ratio Lower Upper

70 100

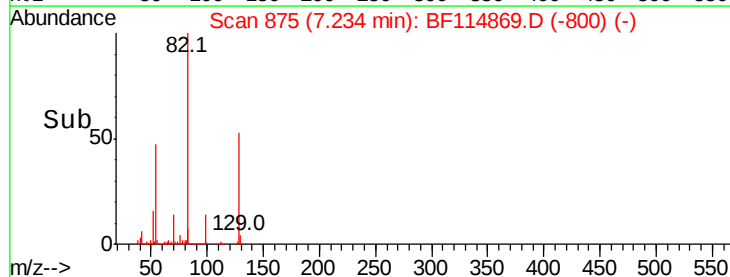
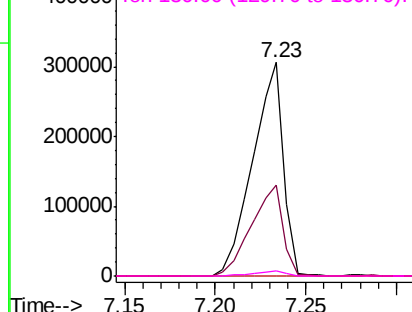
42 42.7 41.8 62.8

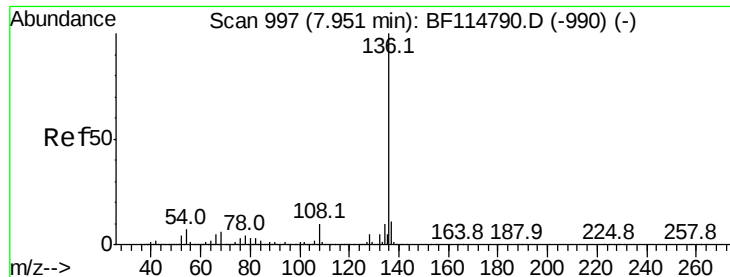
101 0.0 8.2 12.4#

130 2.3 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: BF114869.D

Acq: 6 Jun 2019 18:30

Instrument :

BNA_F

ClientSampleId :

RBR-200052

Tot Ion:136 Resp: 1785464

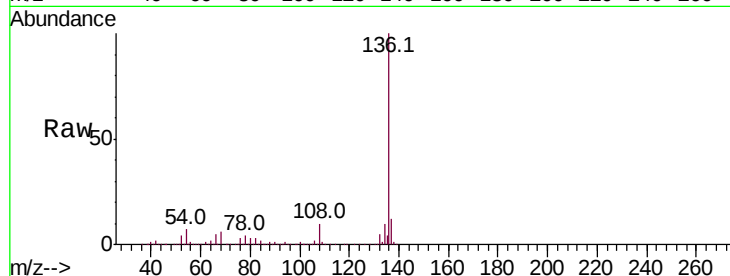
Ion Ratio Lower Upper

136 100

137 11.8 9.1 13.7

54 7.4 5.4 8.0

68 6.3 4.6 6.8

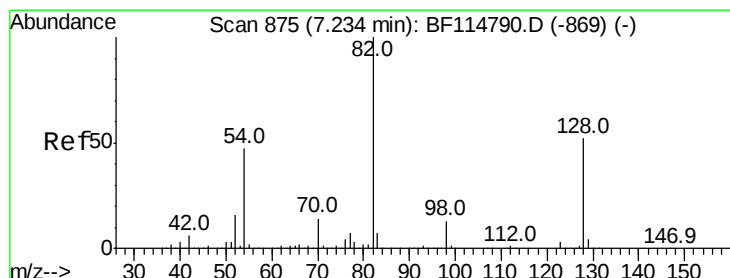
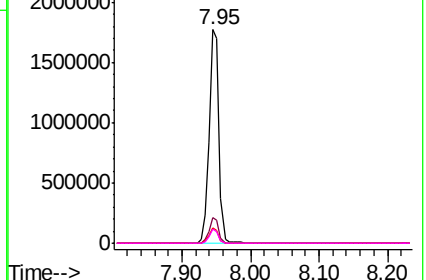
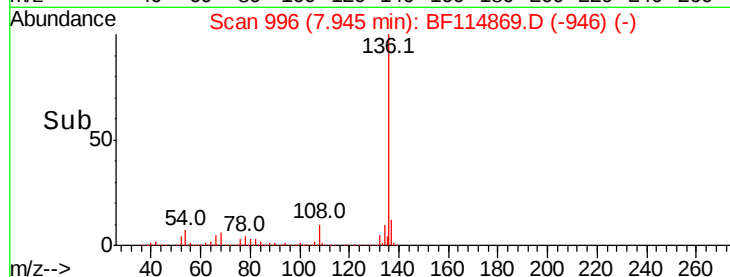


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.050 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF114869.D

Acq: 6 Jun 2019 18:30

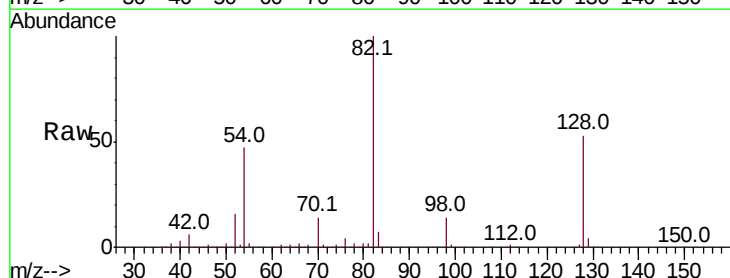
Tgt Ion: 82 Resp: 2640855

Ion Ratio Lower Upper

82 100

128 52.7 41.8 62.6

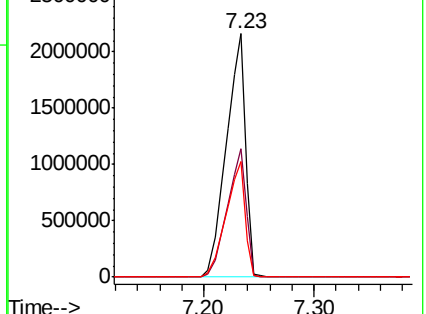
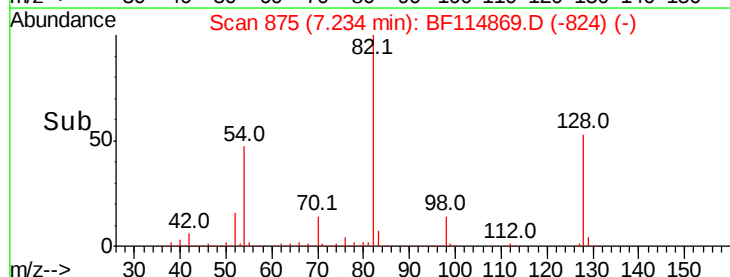
54 47.2 37.9 56.9

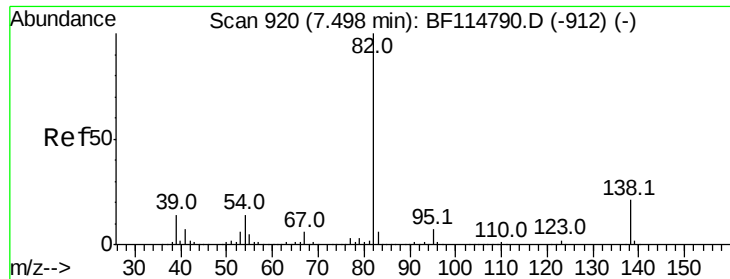


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.366 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.26 min

Lab File: BF114869.D

Acq: 6 Jun 2019 18:30

Instrument :

BNA_F

ClientSampleId :

RBR-200052

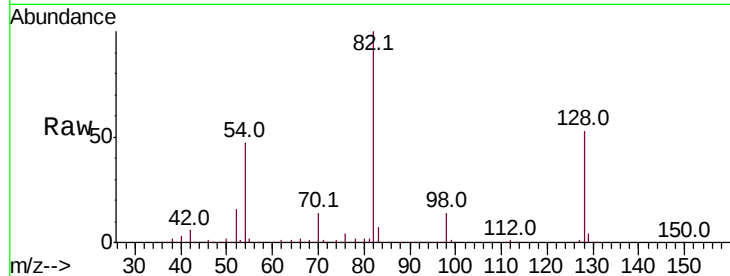
Tot Ion: 82 Resp: 2601263

Ion Ratio Lower Upper

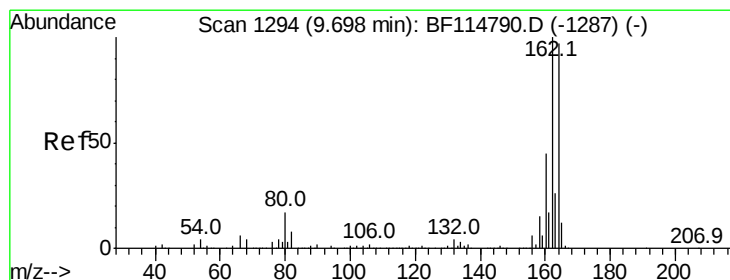
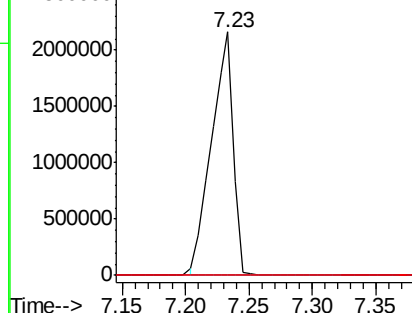
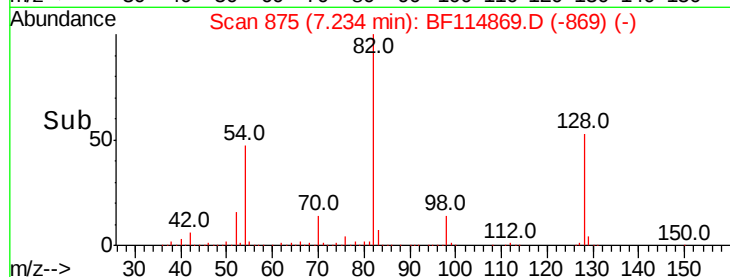
82 100

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: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF114869.D

Acq: 6 Jun 2019 18:30

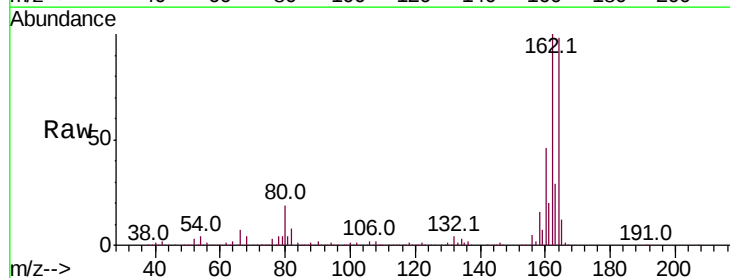
Tgt Ion:164 Resp: 922713

Ion Ratio Lower Upper

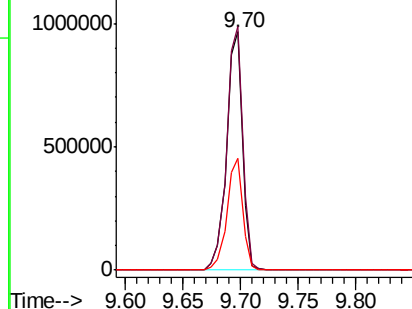
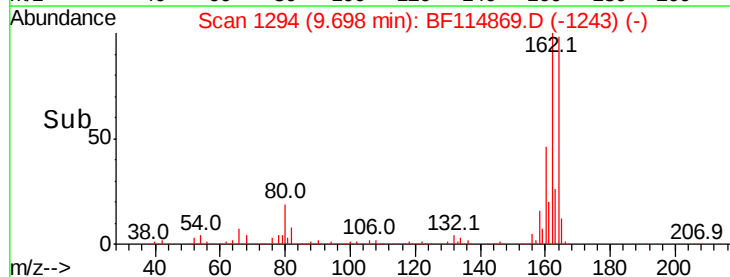
164 100

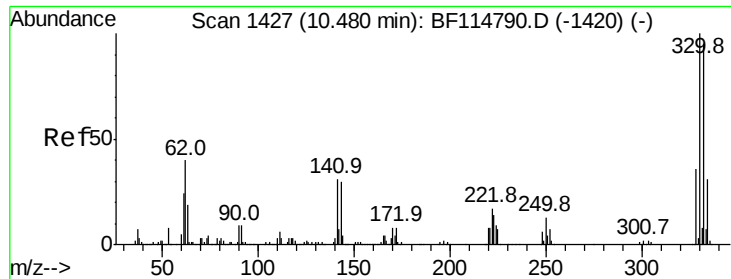
162 102.1 82.3 123.5

160 46.7 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

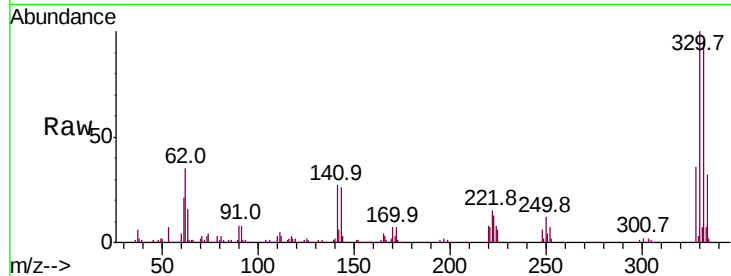




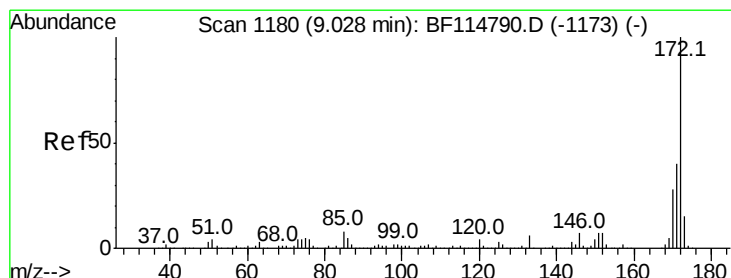
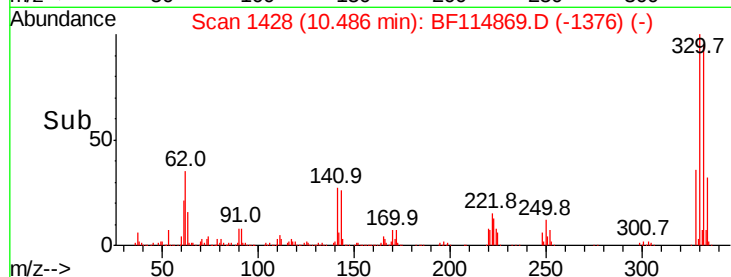
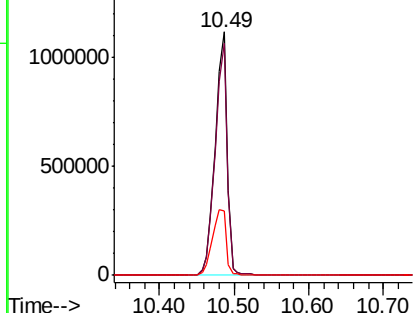
#42
 2,4,6-Tribromophenol
 Concen: 125.598 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF114869.D
 Acq: 6 Jun 2019 18:30

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200052

Tot Ion:330 Resp: 1248904
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 31.1 26.2 39.4

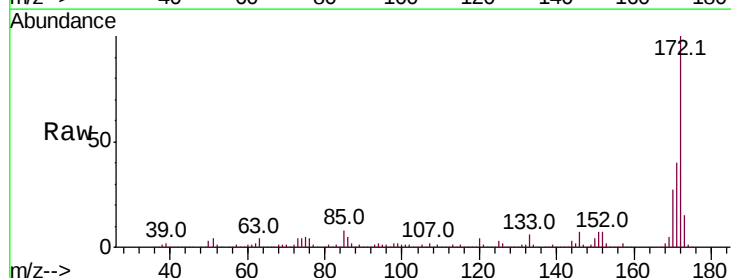


Abundance Ion 329.80 (329.50 to 330.50): E
 1500000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

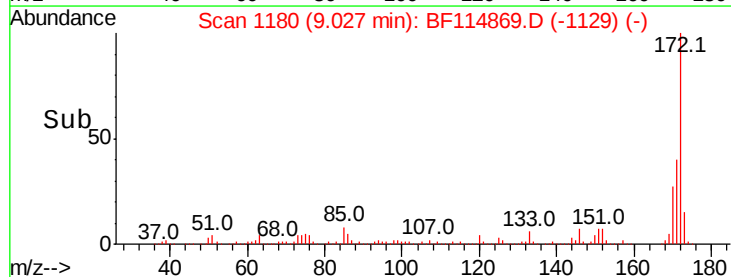
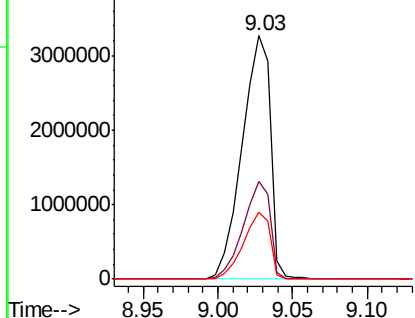


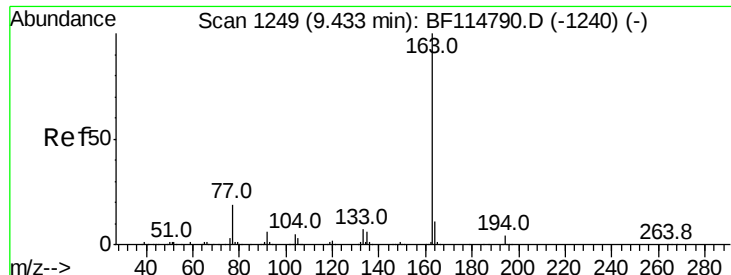
#45
 2-Fluorobiphenyl
 Concen: 86.846 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF114869.D
 Acq: 6 Jun 2019 18:30

Tgt Ion:172 Resp: 4277735
 Ion Ratio Lower Upper
 172 100
 171 40.2 32.3 48.5
 170 27.3 22.4 33.6



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: 15.361 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BF114869.D

Acq: 6 Jun 2019 18:30

Instrument :

BNA_F

ClientSampleId :

RBR-200052

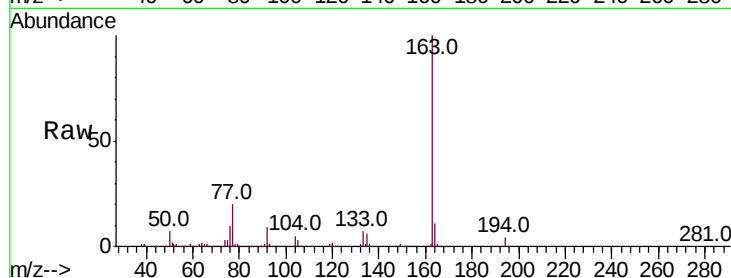
Tot Ion:163 Resp: 1035199

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

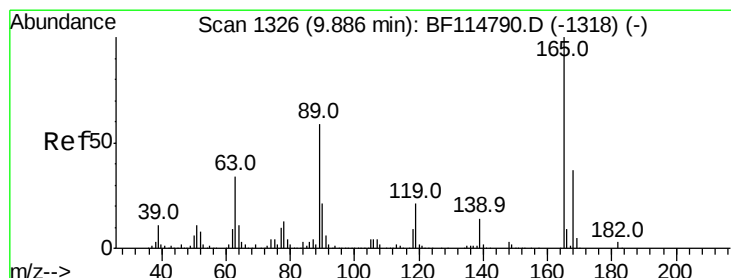
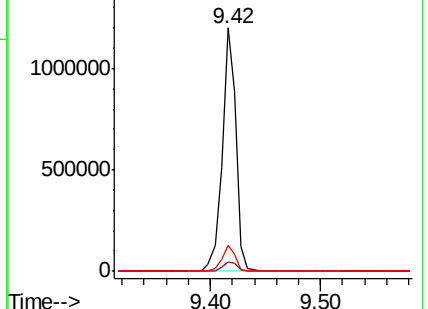
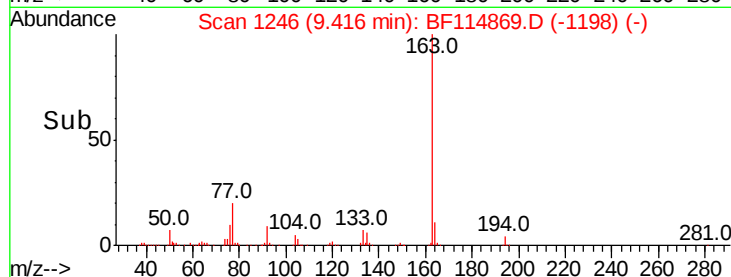
164 10.9 8.6 13.0



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: 6.033 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.19 min

Lab File: BF114869.D

Acq: 6 Jun 2019 18:30

Tgt Ion:165 Resp: 120206

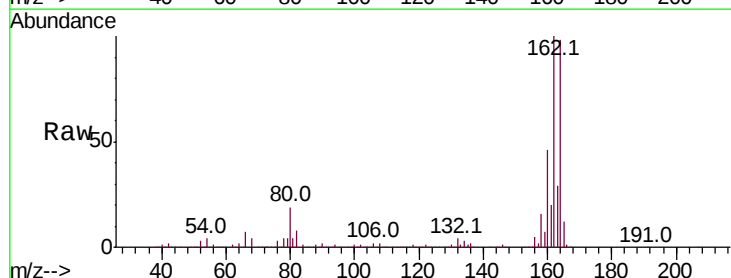
Ion Ratio Lower Upper

165 100

63 0.9 27.0 40.4#

89 1.5 47.0 70.6#

182 0.0 2.2 3.2#

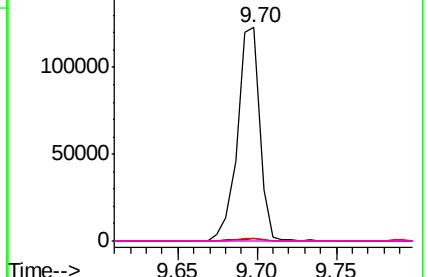
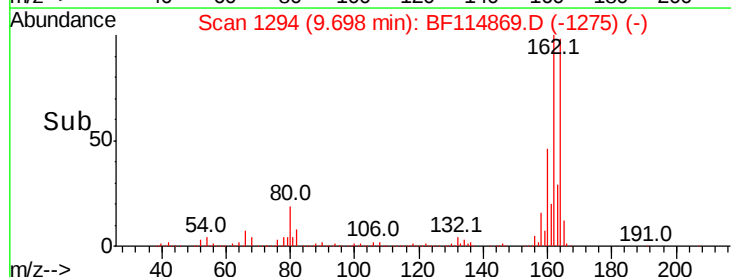


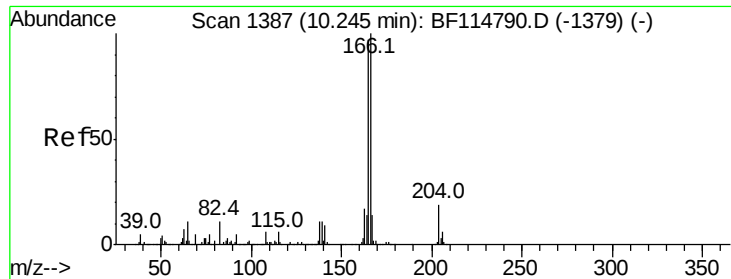
Abundance Ion 165.00 (164.70 to 165.70): E

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





#58

Fluorene

Concen: Below Cal

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF114869.D

Acq: 6 Jun 2019 18:30

Instrument :

BNA_F

ClientSampleId :

RBR-200052

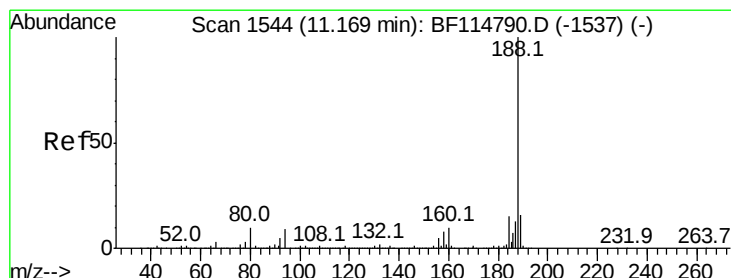
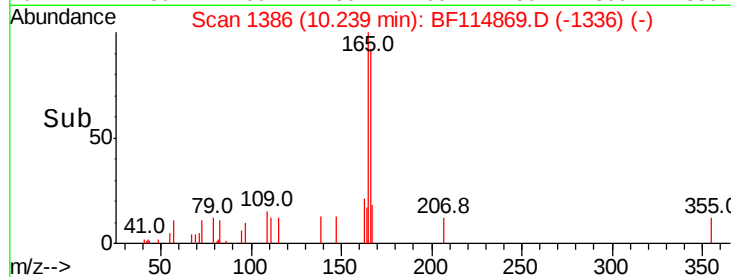
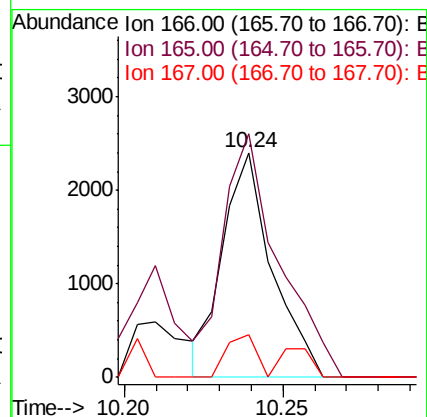
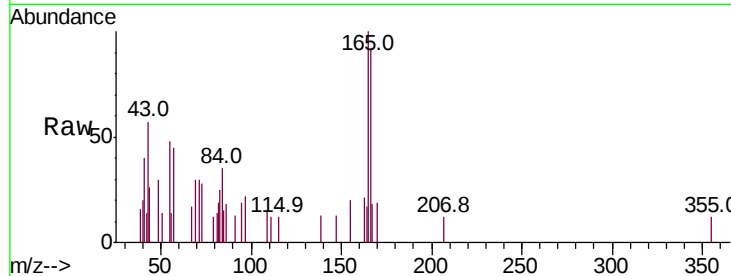
Tot Ion:166 Resp: 2588

Ion Ratio Lower Upper

166 100

165 108.3 77.9 116.9

167 19.2 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: BF114869.D

Acq: 6 Jun 2019 18:30

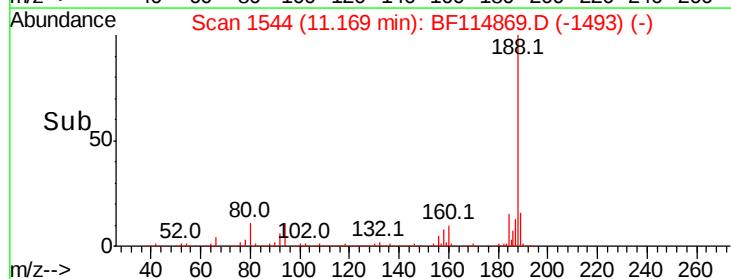
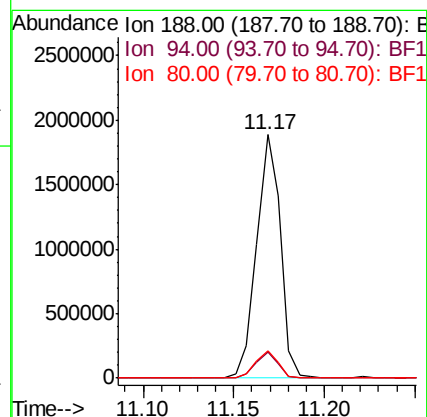
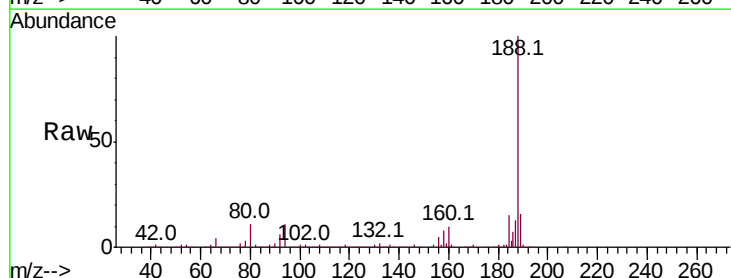
Tgt Ion:188 Resp: 1726520

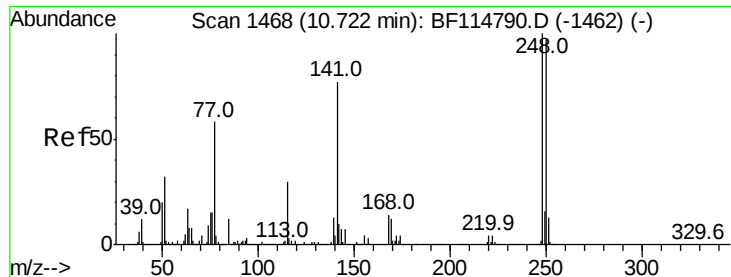
Ion Ratio Lower Upper

188 100

94 10.5 7.6 11.4

80 11.2 8.3 12.5





#67

4-Bromophenyl-phenylether

Concen: 4.056 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.24 min

Lab File: BF114869.D

Acq: 6 Jun 2019 18:30

Instrument :

BNA_F

ClientSampleId :

RBR-200052

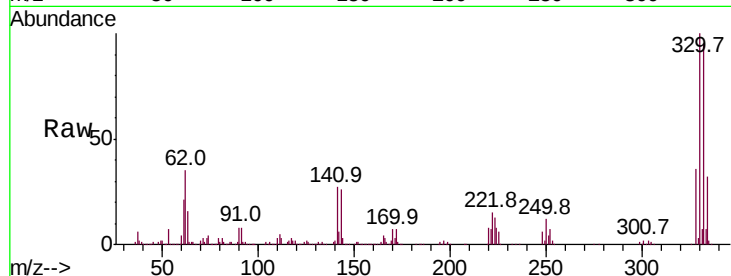
Tot Ion:248 Resp: 79526

Ion Ratio Lower Upper

248 100

250 206.1 77.5 116.3#

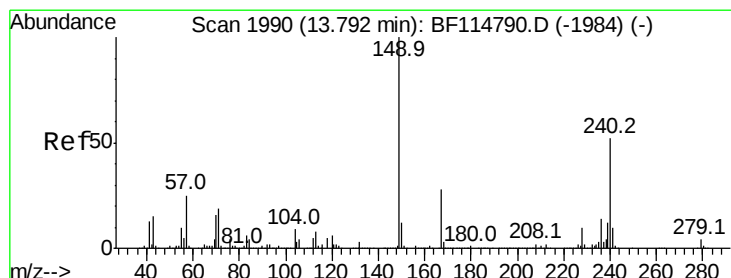
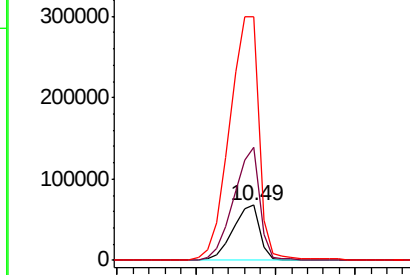
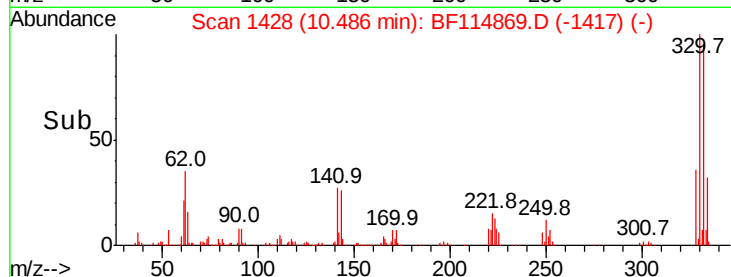
141 442.9 61.8 92.8#



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: BF114869.D

Acq: 6 Jun 2019 18:30

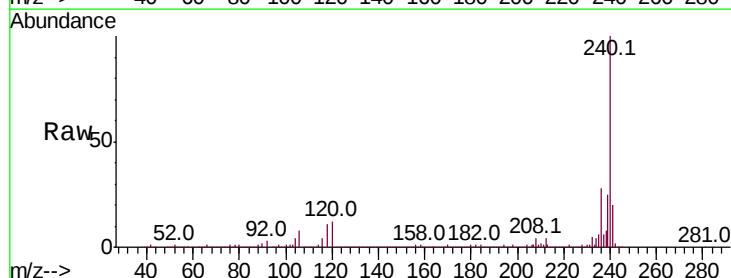
Tgt Ion:240 Resp: 1086749

Ion Ratio Lower Upper

240 100

120 11.9 9.0 13.4

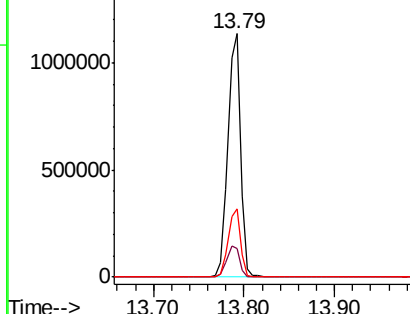
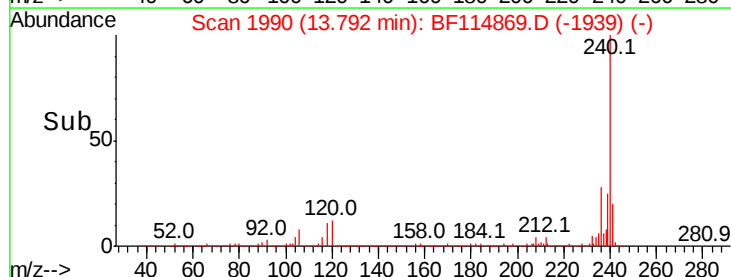
236 27.8 21.4 32.0

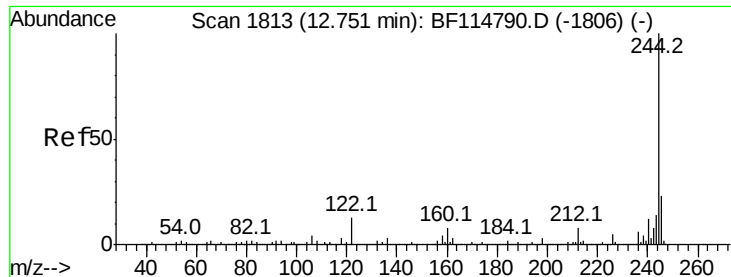


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

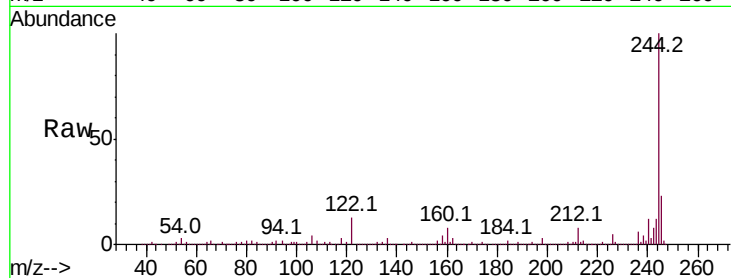




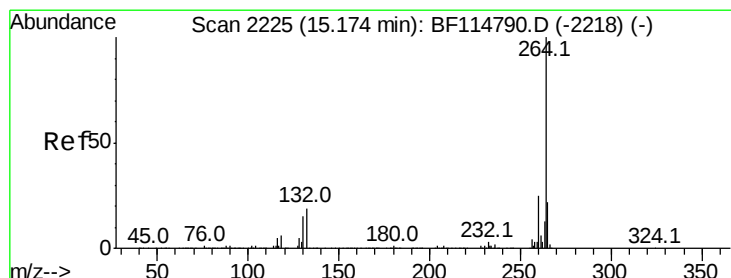
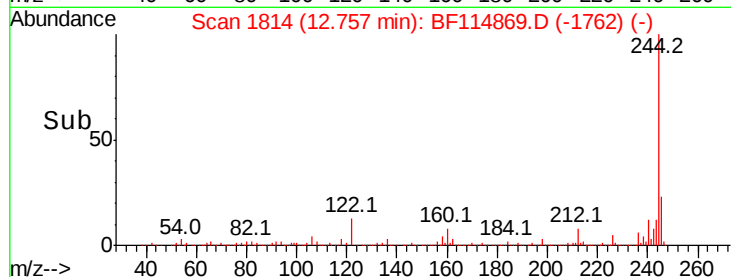
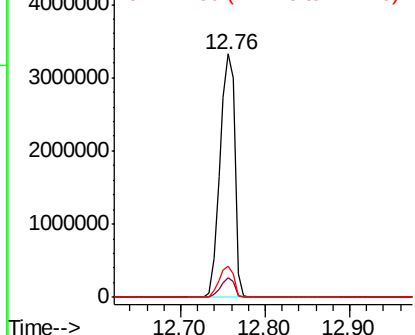
#79
 Terphenyl-d14
 Concen: 73.979 ng
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BF114869.D
 Acq: 6 Jun 2019 18:30

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200052

Tot Ion:244 Resp: 4134006
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 12.7 10.5 15.7

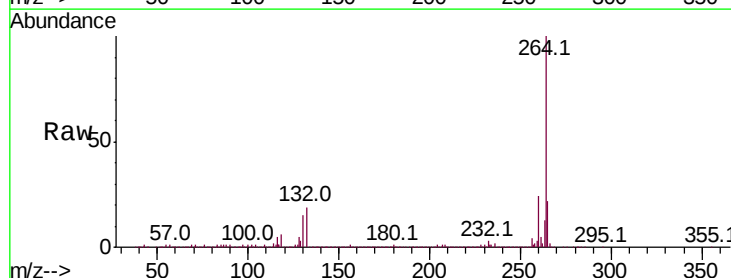


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF114869.D
 Acq: 6 Jun 2019 18:30

Tgt Ion:264 Resp: 958708
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.1 30.1
 265 22.1 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

