

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114879.D
 Acq On : 6 Jun 2019 22:55
 Operator : HP/JU
 Sample : K3211-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-20002

Quant Time: Jun 07 00:05:04 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

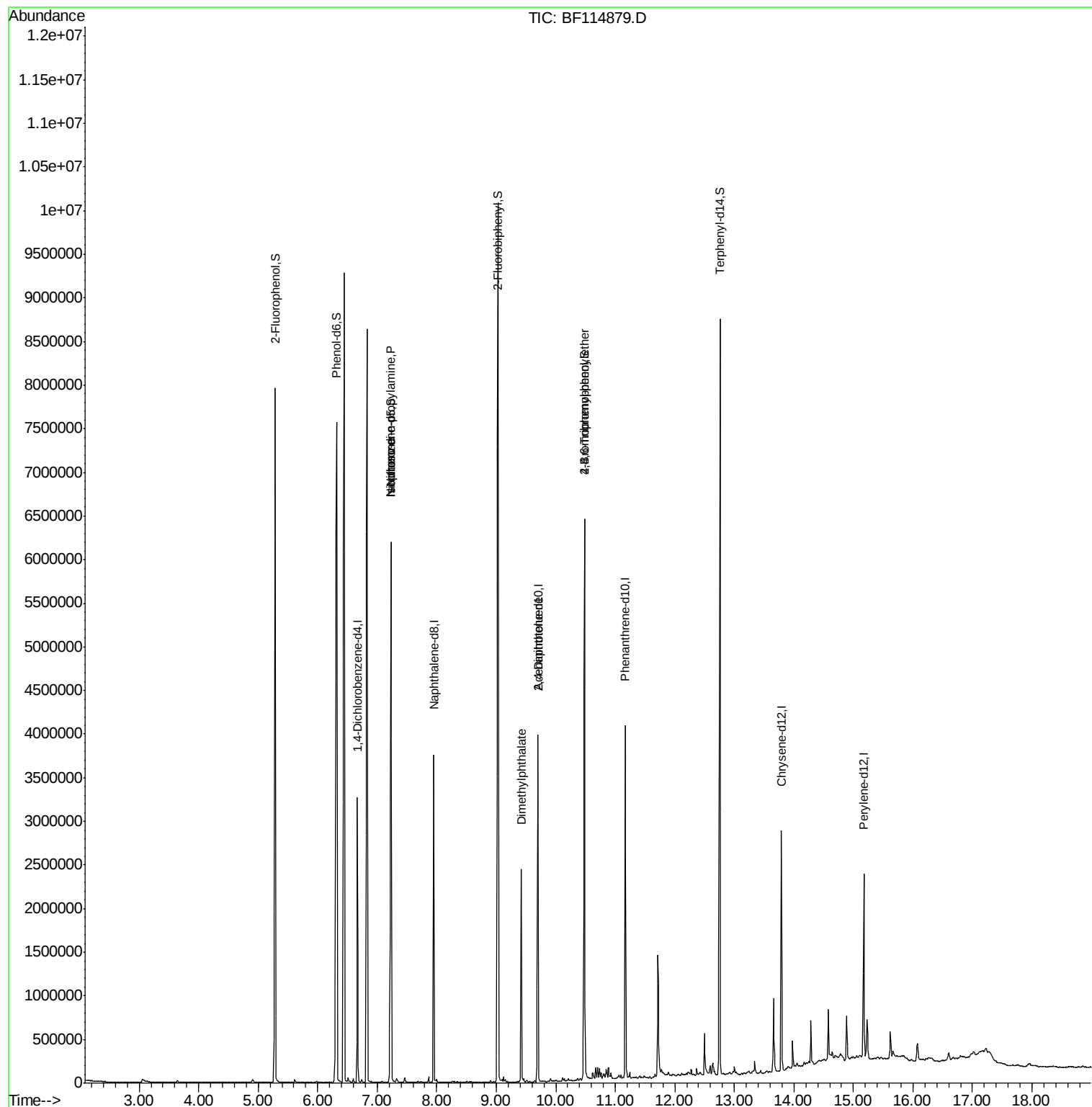
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	464498	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1715750	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	804096	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1396574	20.00	ng	0.00
76) Chrysene-d12	13.79	240	881214	20.00	ng	0.00
87) Perylene-d12	15.17	264	885494	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	3155163	118.69	ng	0.03
7) Phenol-d6	6.32	99	3879983	119.95	ng	0.01
23) Nitrobenzene-d5	7.23	82	2507936	89.98	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	989337	114.17	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3607254	84.04	ng	0.00
79) Terphenyl-d14	12.76	244	3179290	70.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	340143	15.886	ng	# 77
25) Isophorone	7.23	82	2404687	43.641	ng	# 61
50) Dimethylphthalate	9.42	163	1084564	18.468	ng	# 98
57) 2,4-Dinitrotoluene	9.70	165	106070	6.109	ng	# 32
58) Fluorene	10.24	166	2675	Below Cal		# 90
67) 4-Bromophenyl-phenylether	10.48	248	64090	4.041	ng	# 1

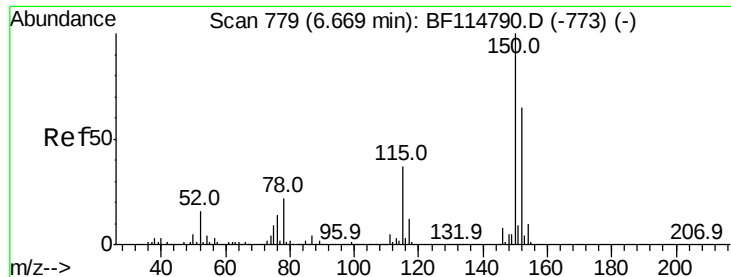
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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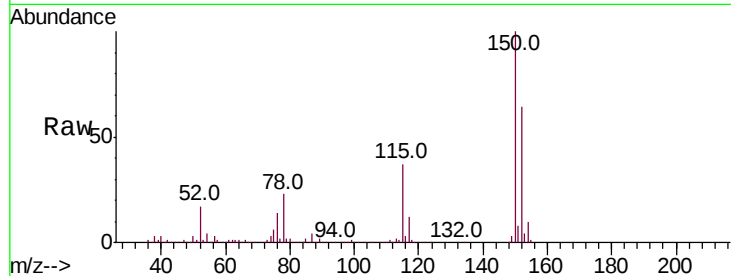


#1

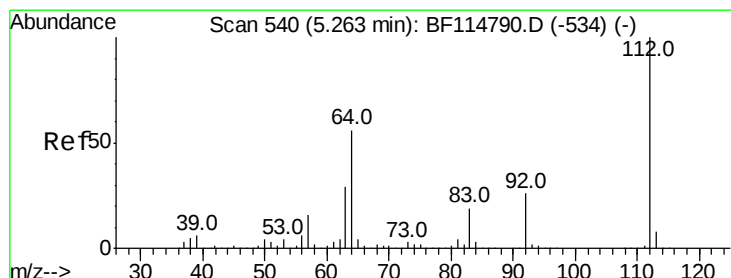
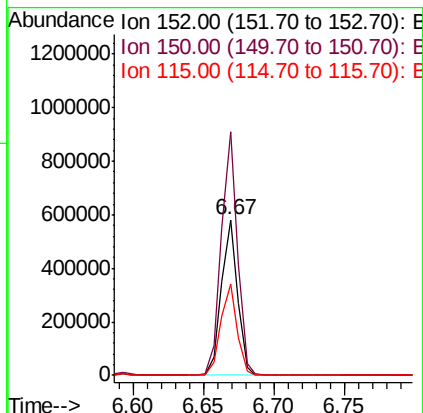
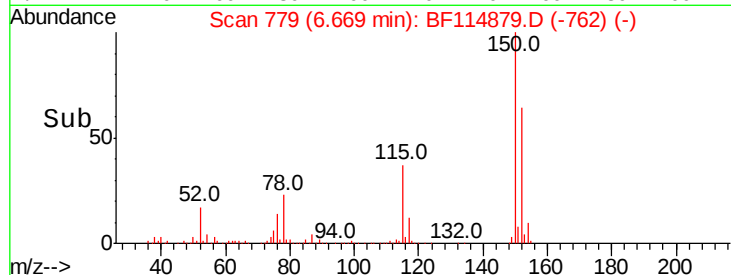
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114879.D
Acq: 6 Jun 2019 22:55

Instrument :
BNA_F
ClientSampleId :
RBR-20002

Tot Ion:152 Resp: 464498
Ion Ratio Lower Upper
152 100
150 156.6 124.0 186.0
115 58.6 46.3 69.5



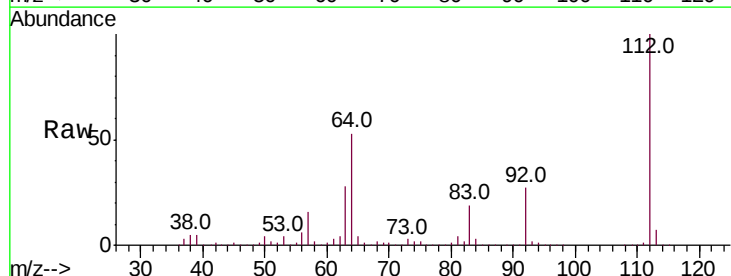
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



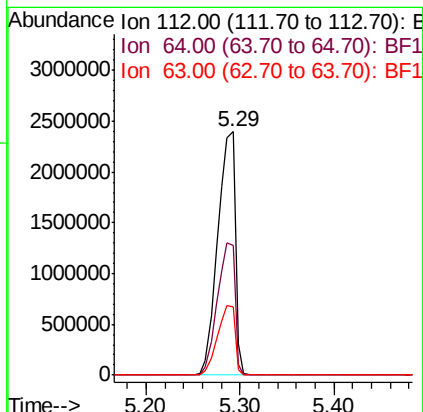
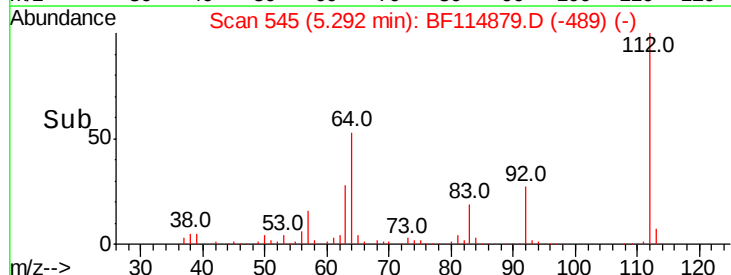
#5

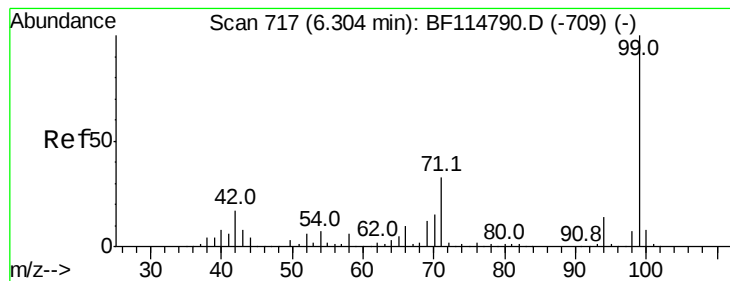
2-Fluorophenol
Concen: 118.691 ng
RT: 5.29 min Scan# 545
Delta R.T. 0.03 min
Lab File: BF114879.D
Acq: 6 Jun 2019 22:55

Tgt Ion:112 Resp: 3155163
Ion Ratio Lower Upper
112 100
64 53.1 44.6 66.8
63 28.0 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: 119.952 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114879.D

Acq: 6 Jun 2019 22:55

Instrument :

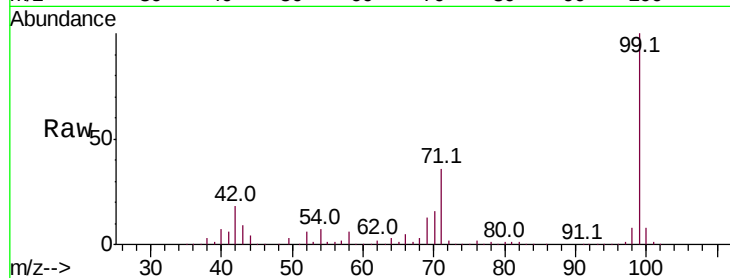
BNA_F

ClientSampleId :

RBR-20002

Tot Ion: 99 Resp: 3879983

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.3	19.9
71	35.9	26.3	39.5

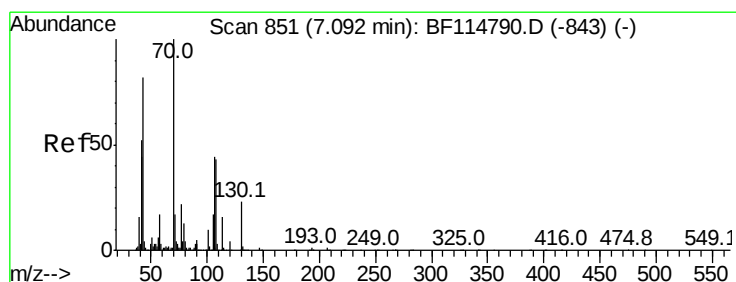
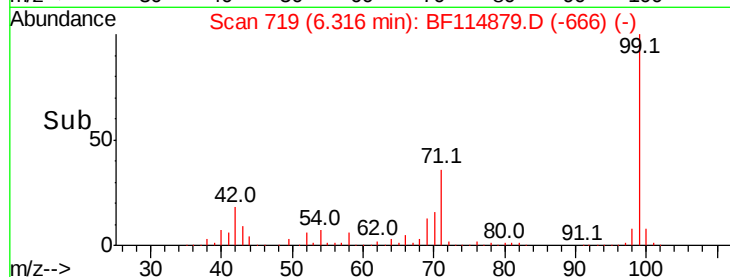
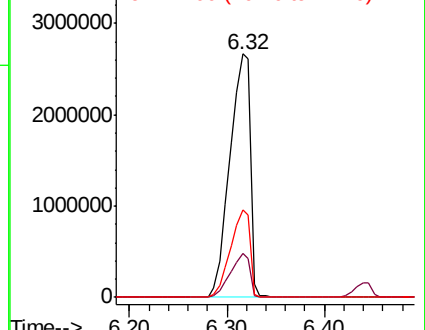


Abundance

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: 15.886 ng

RT: 7.23 min Scan# 875

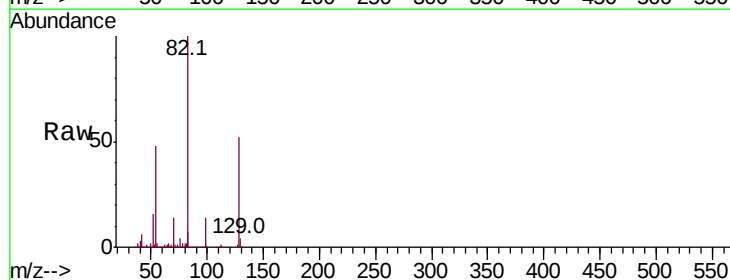
Delta R.T. 0.14 min

Lab File: BF114879.D

Acq: 6 Jun 2019 22:55

Tgt Ion: 70 Resp: 340143

Ion	Ratio	Lower	Upper
70	100		
42	43.2	41.8	62.8
101	0.0	8.2	12.4#
130	2.2	18.5	27.7#



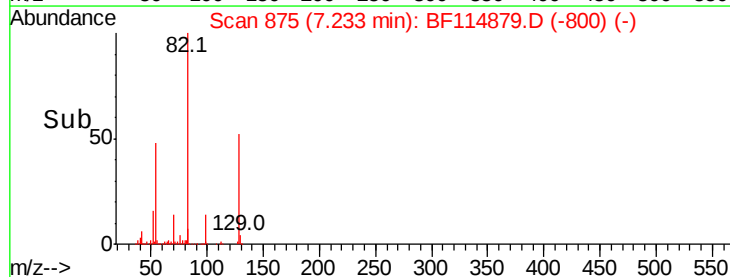
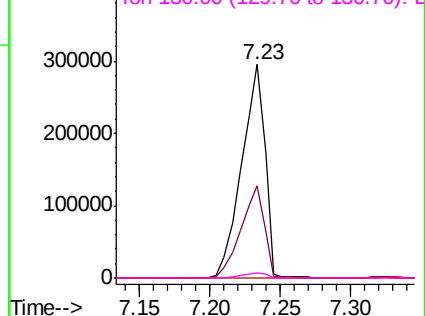
Abundance

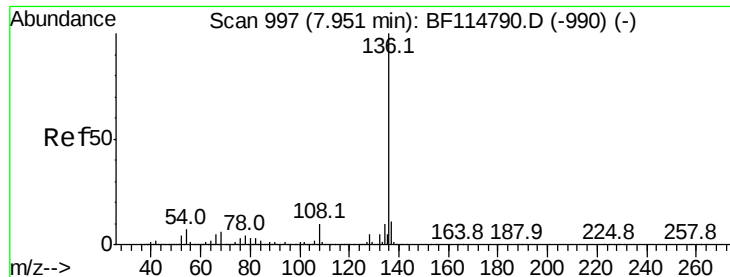
Ion 70.00 (69.70 to 70.70): BF1

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# 997

Delta R.T. -0.00 min

Lab File: BF114879.D

Acq: 6 Jun 2019 22:55

Instrument :

BNA_F

ClientSampled :

RBR-20002

Tot Ion:136 Resp: 1715750

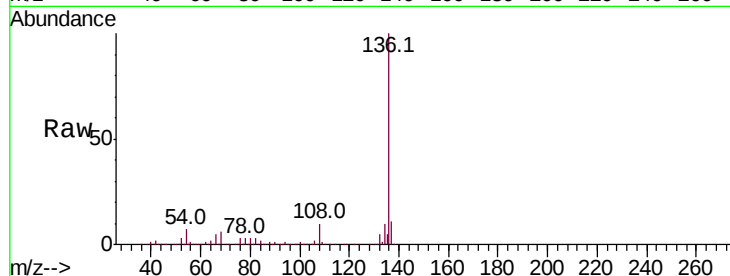
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.5 5.4 8.0

68 5.9 4.6 6.8

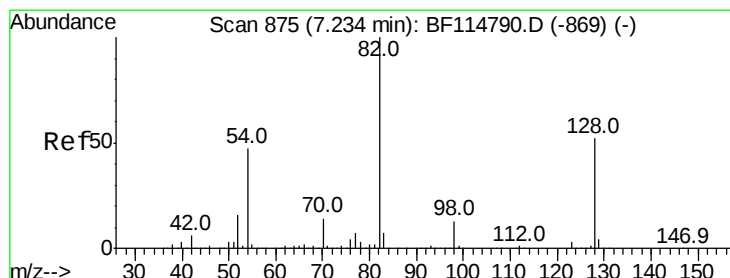
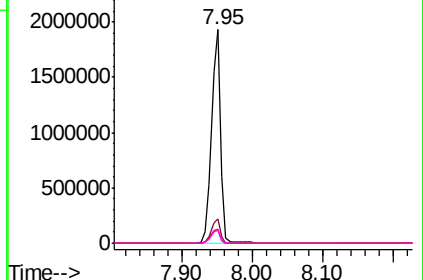
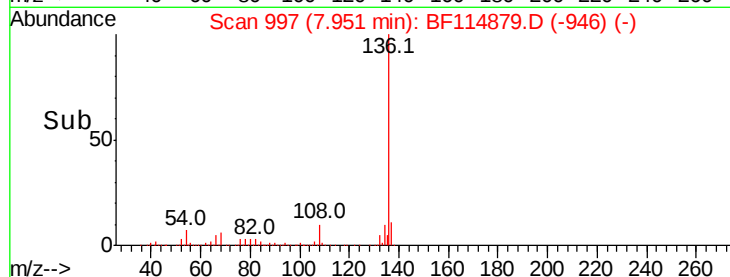


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.981 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF114879.D

Acq: 6 Jun 2019 22:55

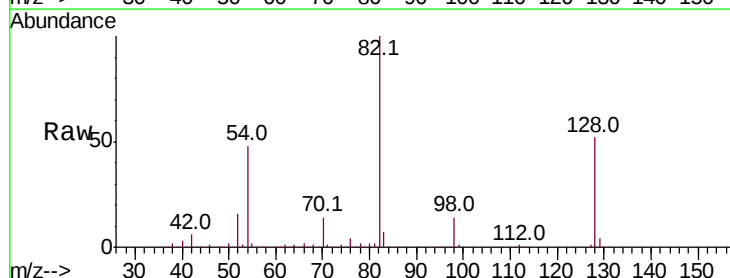
Tgt Ion: 82 Resp: 2507936

Ion Ratio Lower Upper

82 100

128 52.0 41.8 62.6

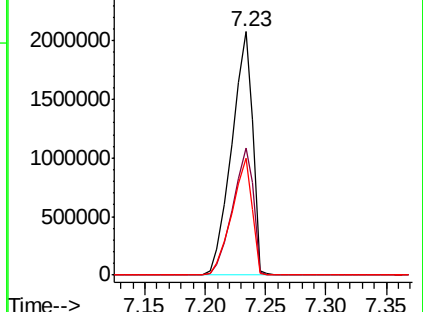
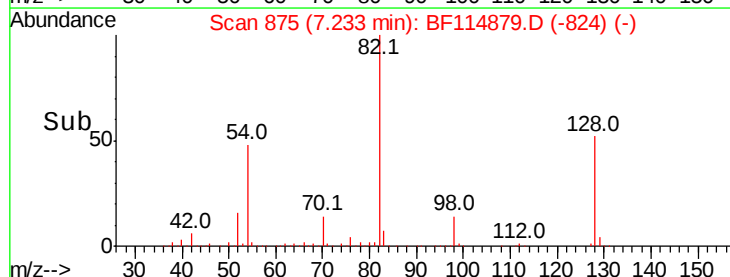
54 48.0 37.9 56.9

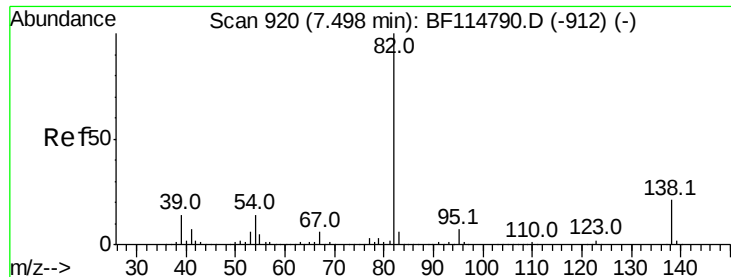


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.641 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.26 min

Lab File: BF114879.D

Acq: 6 Jun 2019 22:55

Instrument :

BNA_F

ClientSampled :

RBR-20002

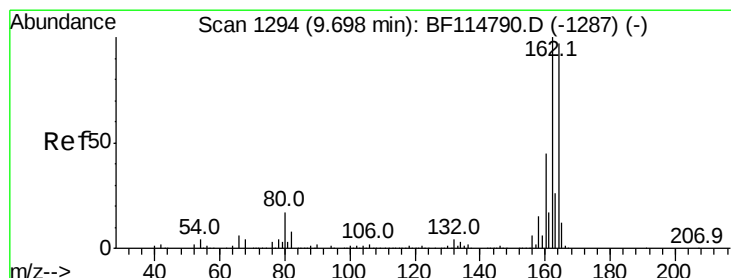
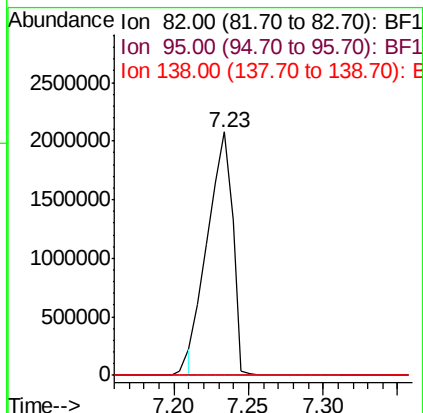
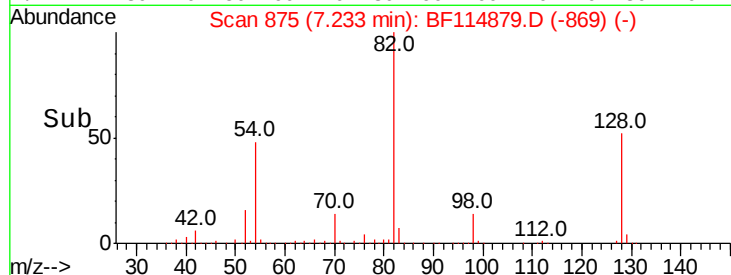
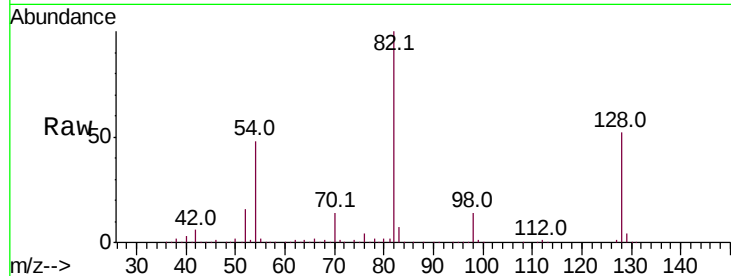
Tot Ion: 82 Resp: 2404687

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 16.9 25.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF114879.D

Acq: 6 Jun 2019 22:55

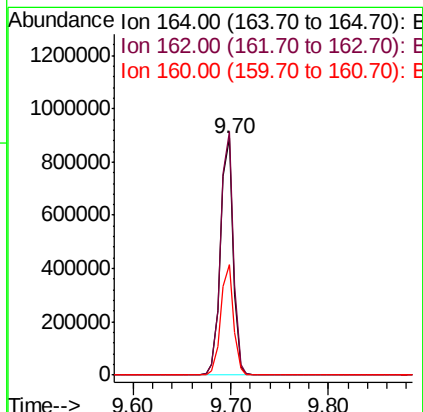
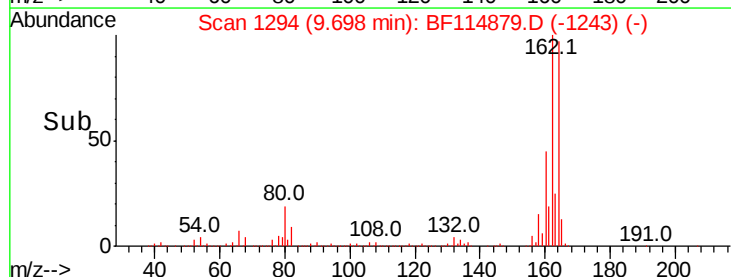
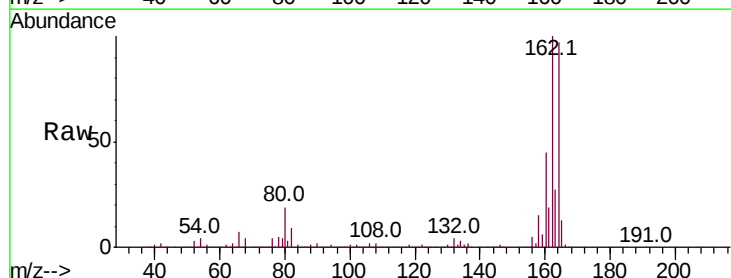
Tgt Ion:164 Resp: 804096

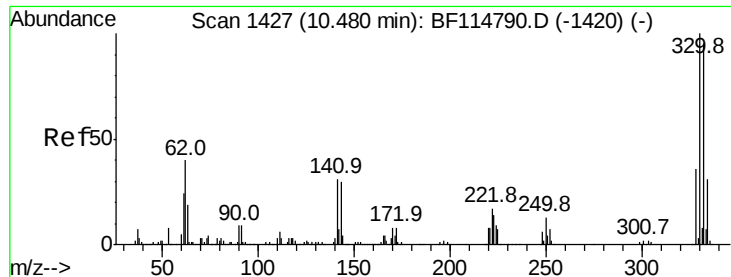
Ion Ratio Lower Upper

164 100

162 102.8 82.3 123.5

160 46.6 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 114.171 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF114879.D

Acq: 6 Jun 2019 22:55

Instrument :

BNA_F

ClientSampleId :

RBR-20002

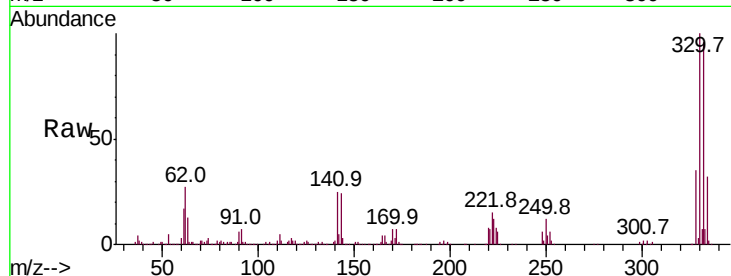
Tot Ion:330 Resp: 989337

Ion Ratio Lower Upper

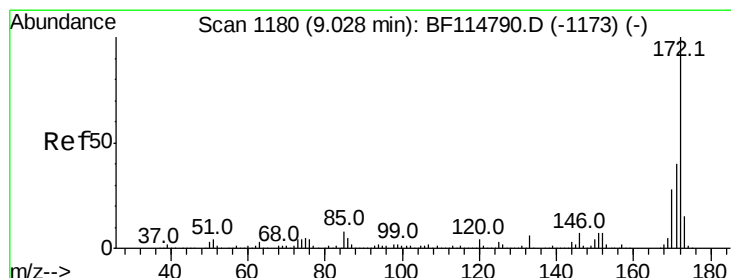
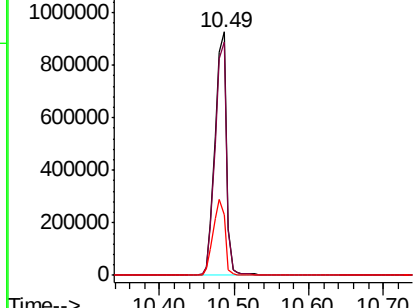
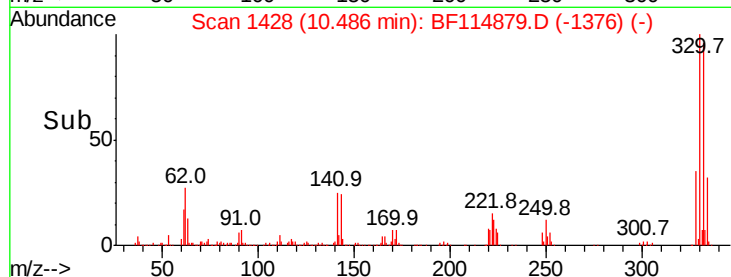
330 100

332 95.7 77.3 115.9

141 32.3 26.2 39.4



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



#45

2-Fluorobiphenyl

Concen: 84.037 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF114879.D

Acq: 6 Jun 2019 22:55

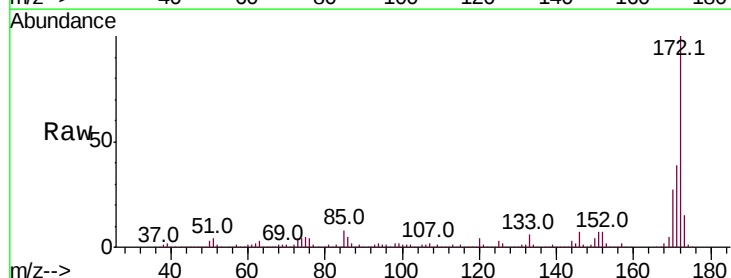
Tgt Ion:172 Resp: 3607254

Ion Ratio Lower Upper

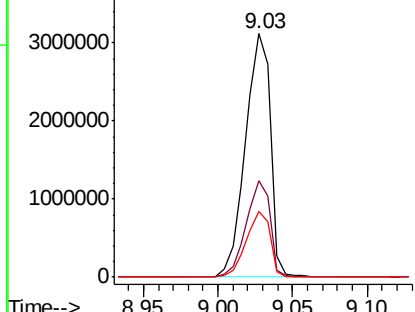
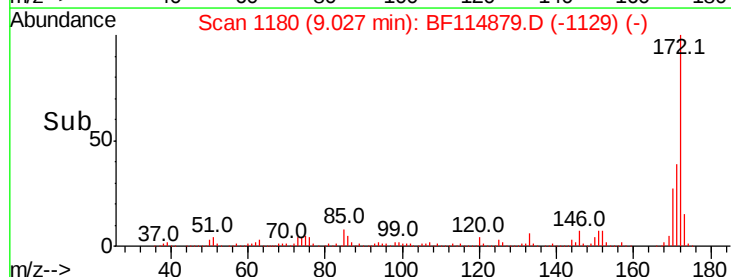
172 100

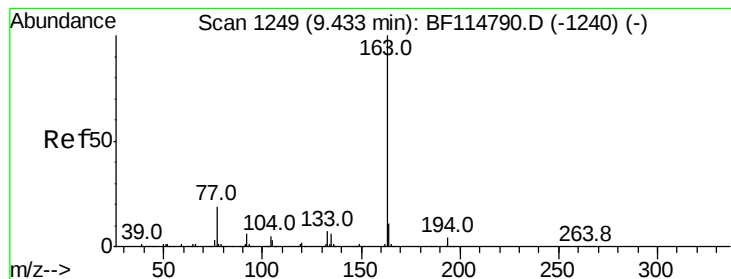
171 39.5 32.3 48.5

170 27.0 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: 18.468 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF114879.D

Acq: 6 Jun 2019 22:55

Instrument :

BNA_F

ClientSampleId :

RBR-20002

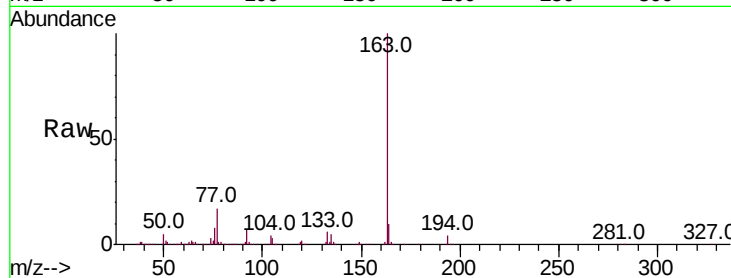
Tot Ion:163 Resp: 1084564

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

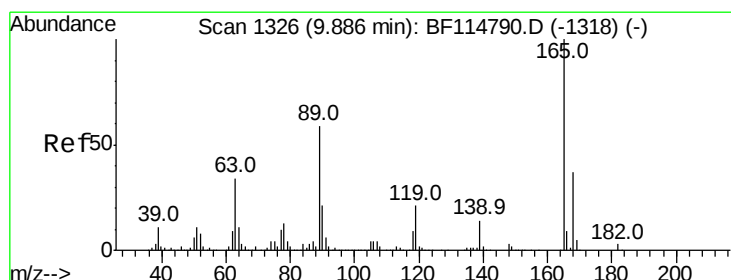
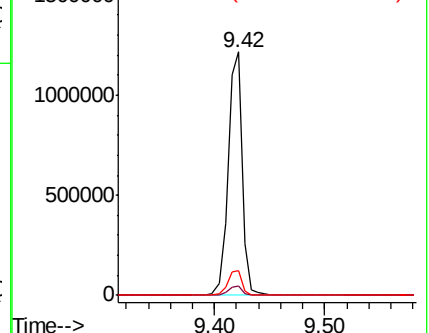
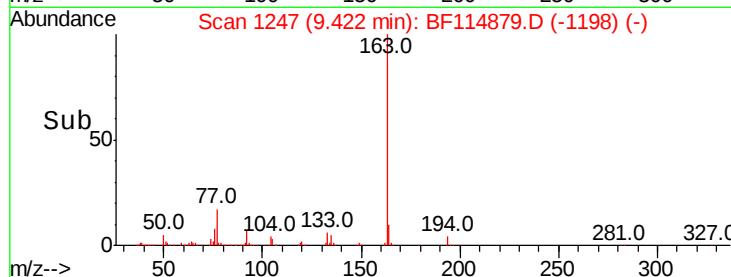
164 10.0 8.6 13.0



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: 6.109 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.19 min

Lab File: BF114879.D

Acq: 6 Jun 2019 22:55

Tgt Ion:165 Resp: 106070

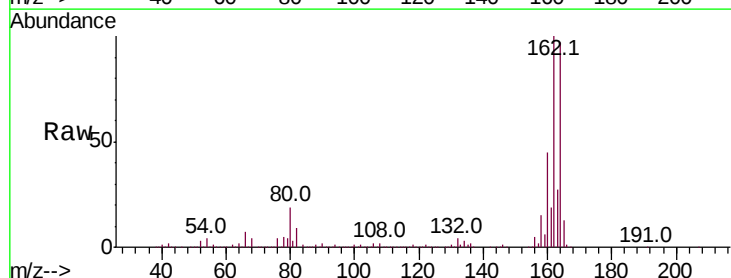
Ion Ratio Lower Upper

165 100

63 1.1 27.0 40.4#

89 1.1 47.0 70.6#

182 0.0 2.2 3.2#

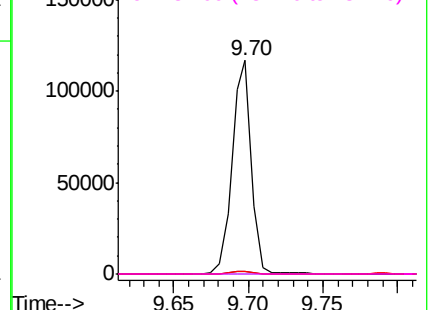
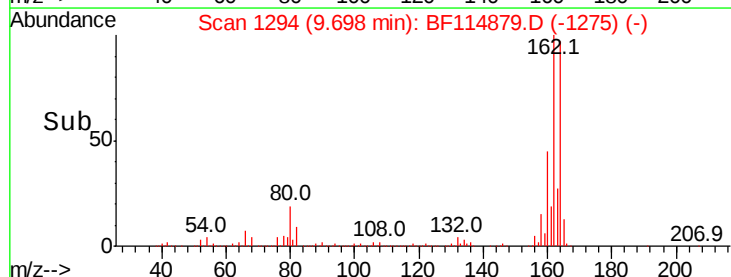


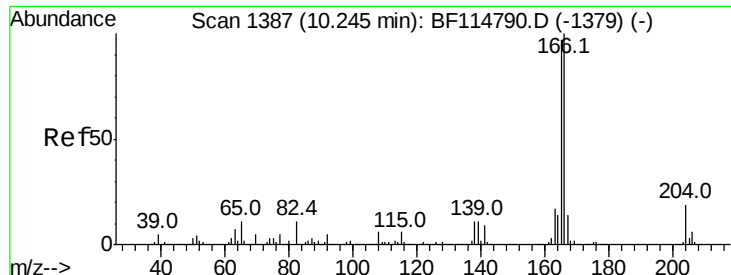
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF114879.D

Acq: 6 Jun 2019 22:55

Instrument :

BNA_F

ClientSampleId :

RBR-20002

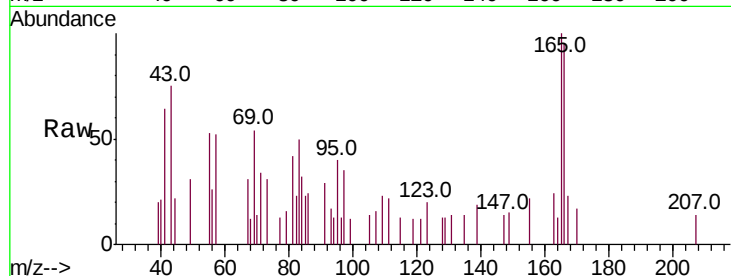
Tot Ion:166 Resp: 2675

Ion Ratio Lower Upper

166 100

165 105.5 77.9 116.9

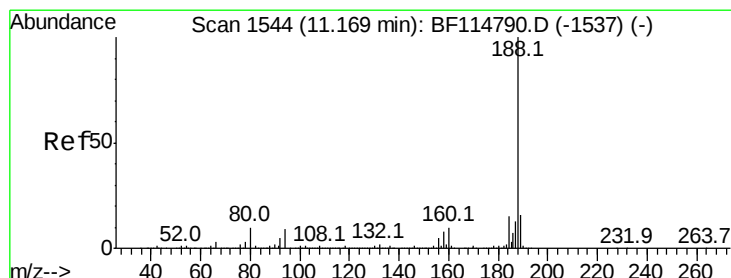
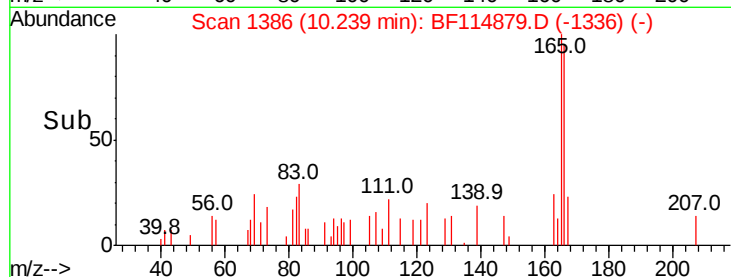
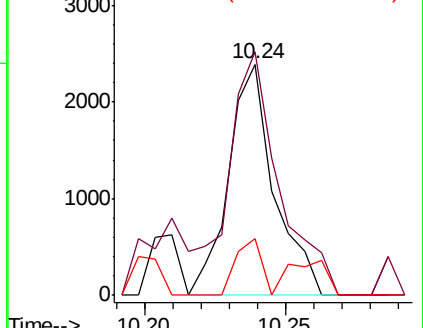
167 24.8 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BF114879.D

Acq: 6 Jun 2019 22:55

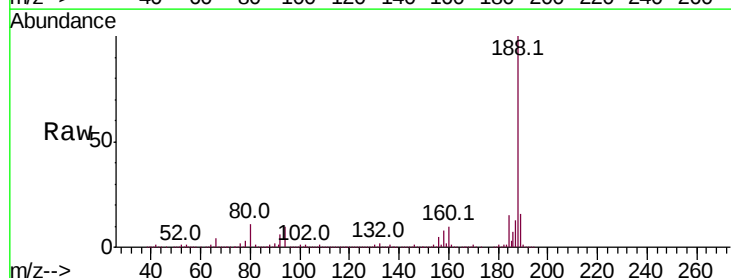
Tgt Ion:188 Resp: 1396574

Ion Ratio Lower Upper

188 100

94 10.3 7.6 11.4

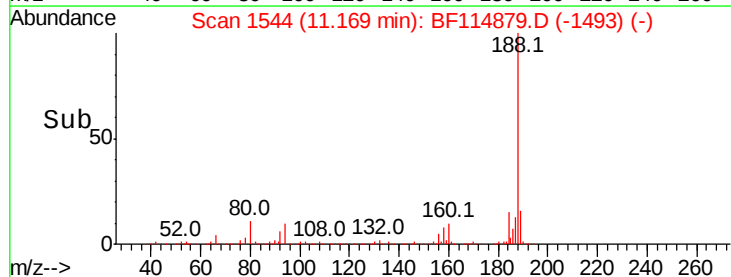
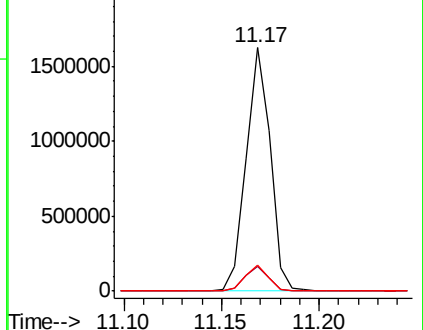
80 10.9 8.3 12.5

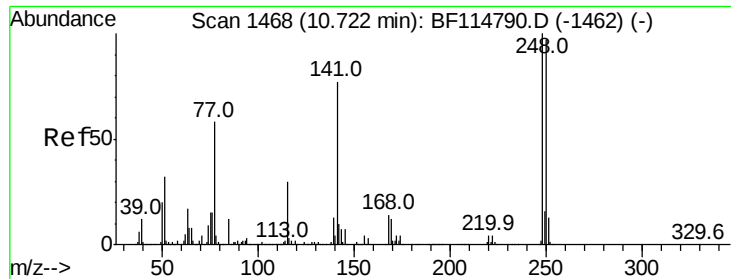


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

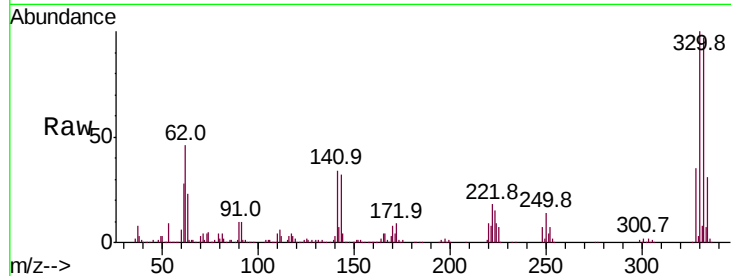




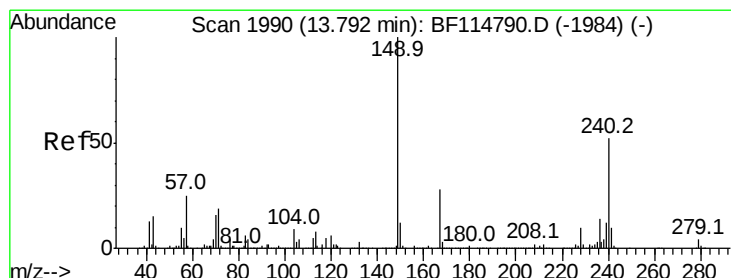
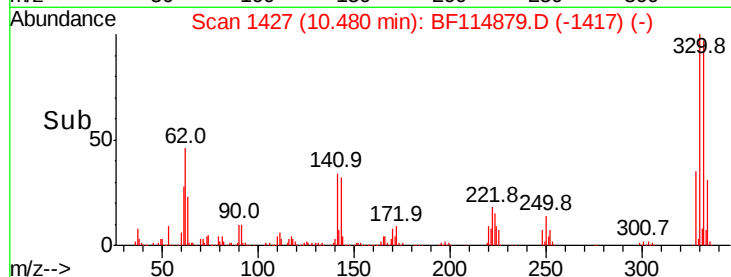
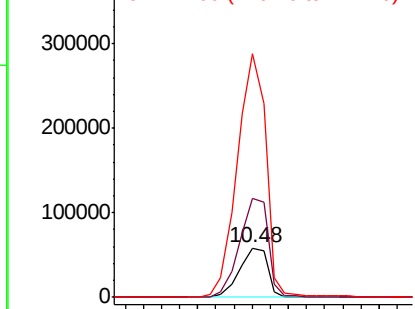
#67
4-Bromophenyl-phenylether
Concen: 4.041 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.24 min
Lab File: BF114879.D
Acq: 6 Jun 2019 22:55

Instrument :
BNA_F
ClientSampleId :
RBR-20002

Tot Ion:248 Resp: 64090
Ion Ratio Lower Upper
248 100
250 199.4 77.5 116.3#
141 491.0 61.8 92.8#

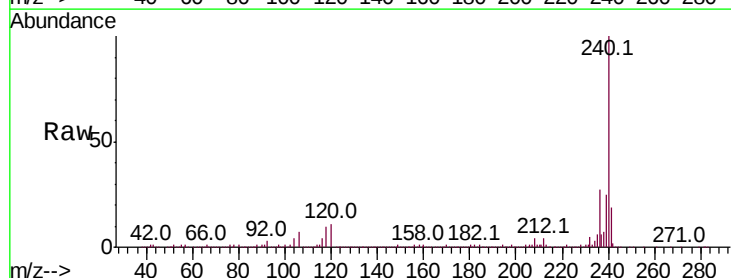


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

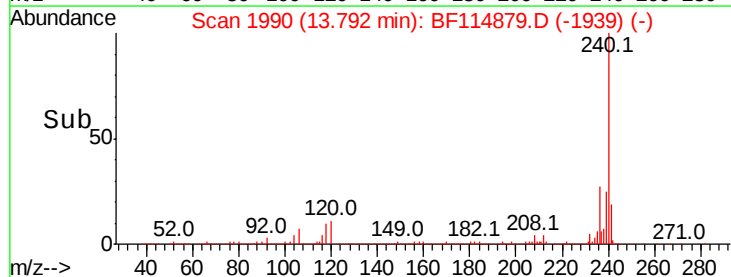
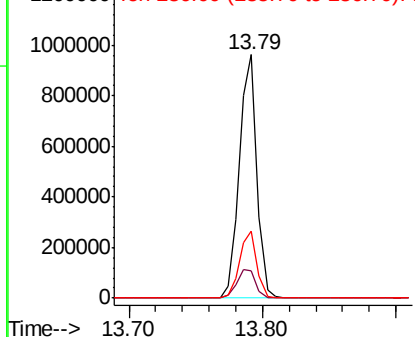


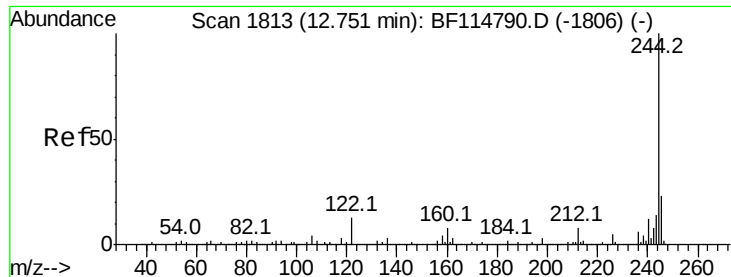
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BF114879.D
Acq: 6 Jun 2019 22:55

Tgt Ion:240 Resp: 881214
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.4
236 27.5 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: 70.164 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114879.D

Acq: 6 Jun 2019 22:55

Instrument :

BNA_F

ClientSampleId :

RBR-20002

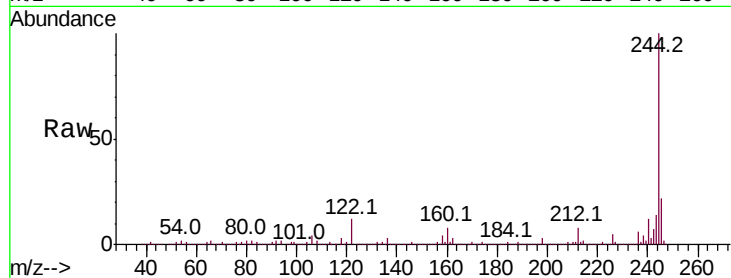
Tot Ion:244 Resp: 3179290

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

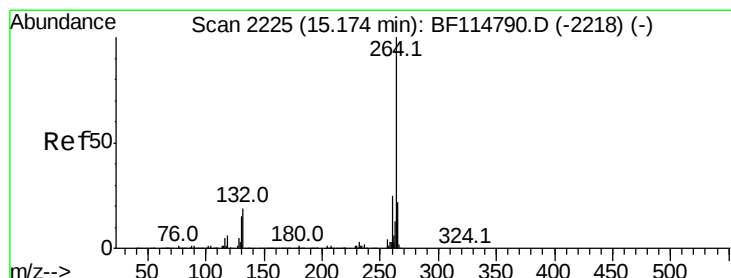
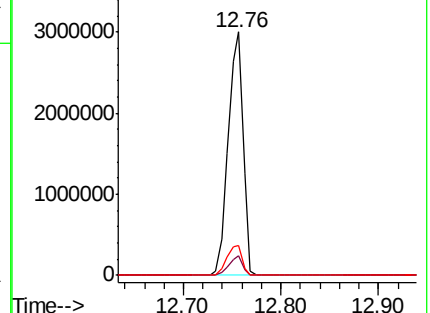
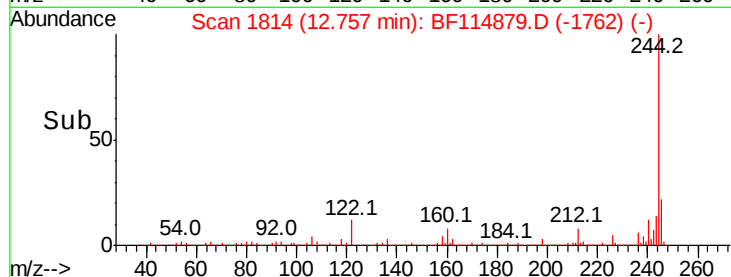
122 12.4 10.5 15.7



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

Perylene-d12

Concen: 20.000 ng

RT: 15.17 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF114879.D

Acq: 6 Jun 2019 22:55

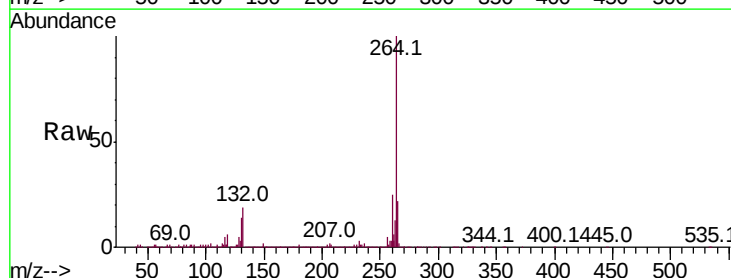
Tgt Ion:264 Resp: 885494

Ion Ratio Lower Upper

264 100

260 24.7 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

