

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114863.D
 Acq On : 6 Jun 2019 15:15
 Operator : HP/JU
 Sample : K3219-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 15:47:09 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

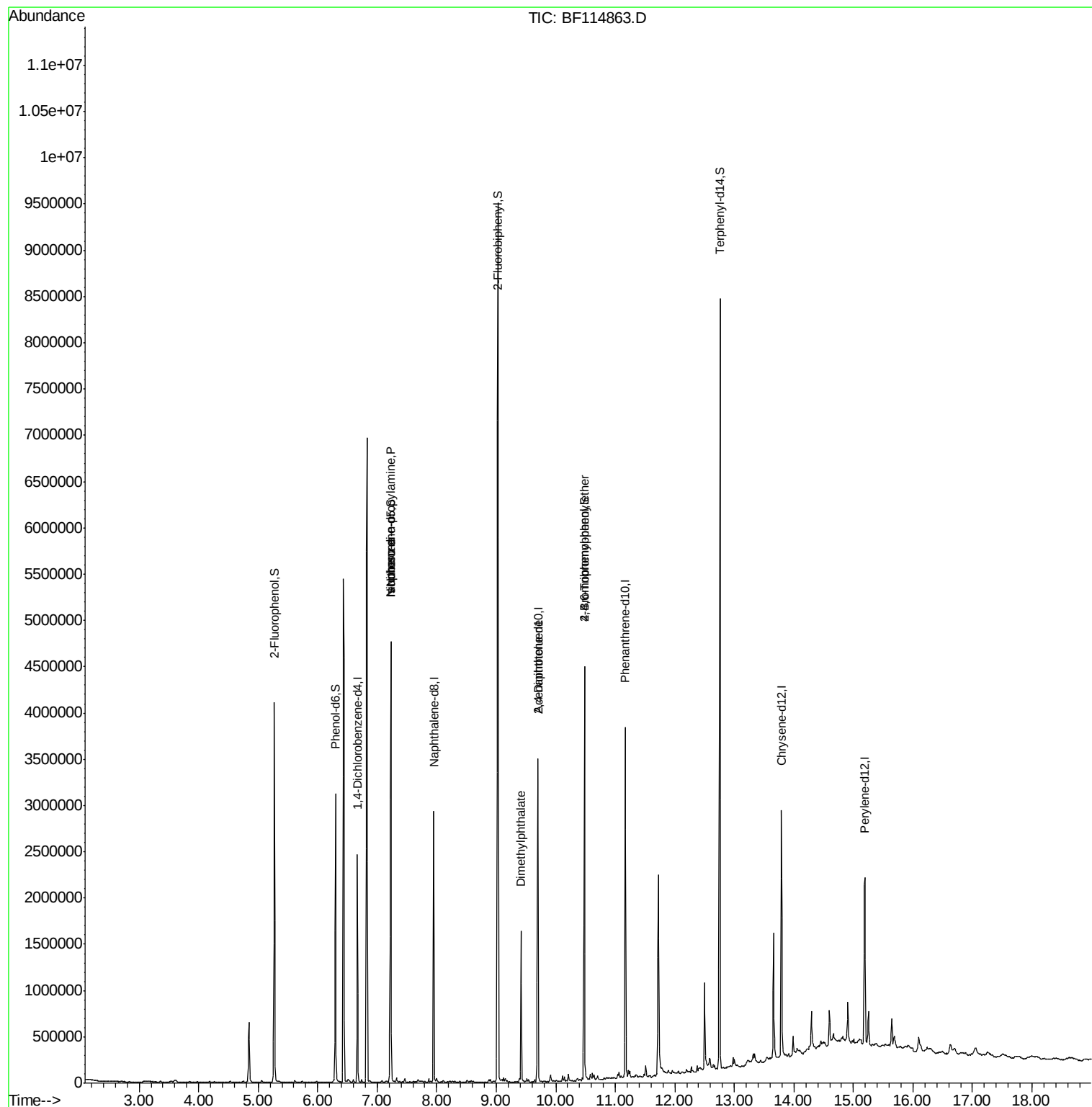
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	370787	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1437859	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	725554	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1330685	20.00	ng	0.00
76) Chrysene-d12	13.79	240	831797	20.00	ng	0.00
87) Perylene-d12	15.19	264	807965	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1136481	53.56	ng	0.01
7) Phenol-d6	6.30	99	1036363	40.14	ng	0.00
23) Nitrobenzene-d5	7.23	82	1852080	79.29	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	574685	73.50	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3257967	84.12	ng	0.00
79) Terphenyl-d14	12.76	244	3002072	70.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	248455	14.536	ng	# 78
25) Isophorone	7.23	82	1769072	38.311	ng	# 61
50) Dimethylphthalate	9.42	163	641611	12.108	ng	# 99
57) 2,4-Dinitrotoluene	9.69	165	94543	6.035	ng	# 32
58) Fluorene	10.24	166	1669	Below Cal		# 85
67) 4-Bromophenyl-phenylether	10.48	248	37559	2.485	ng	# 1

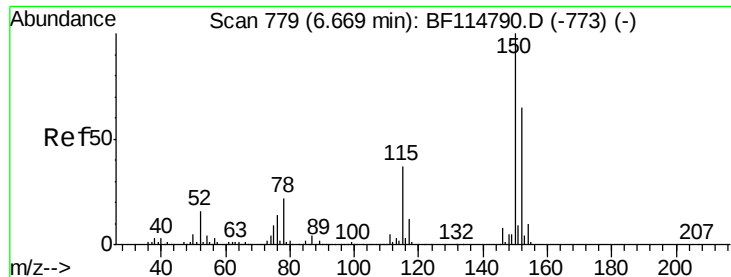
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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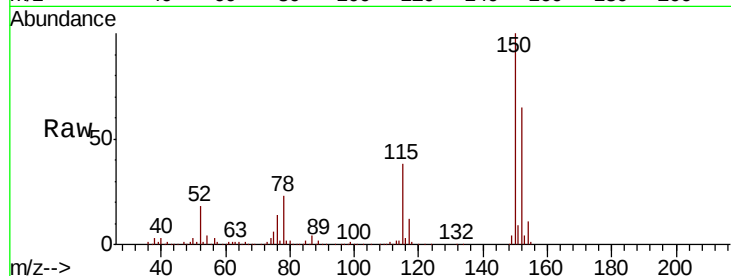


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114863.D
Acq: 6 Jun 2019 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.0	186.0
115	58.3	46.3	69.5

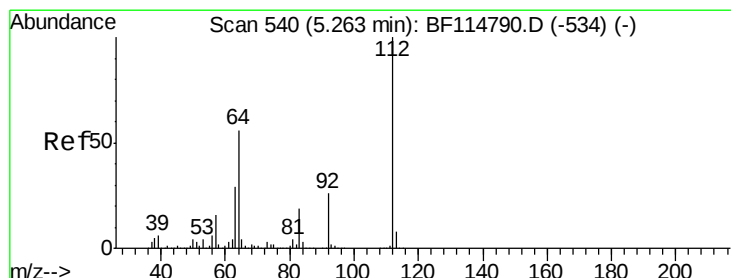
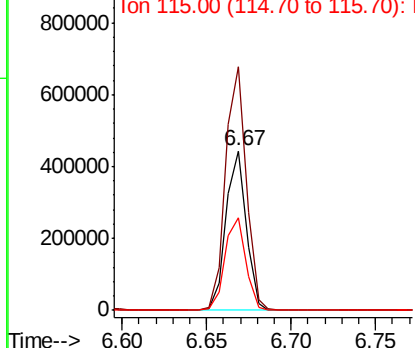
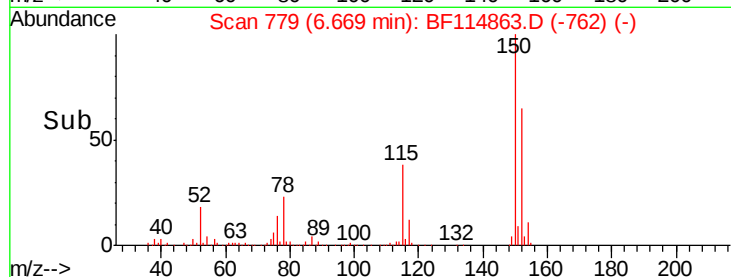


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

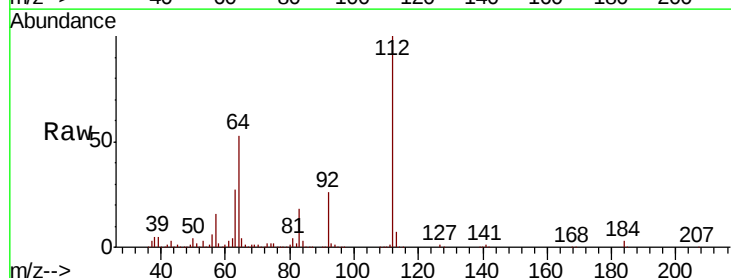
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 53.557 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF114863.D
Acq: 6 Jun 2019 15:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	44.6	66.8
63	26.9	23.0	34.4

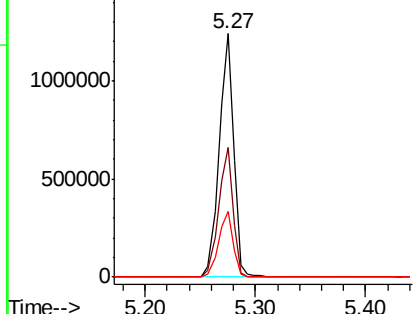
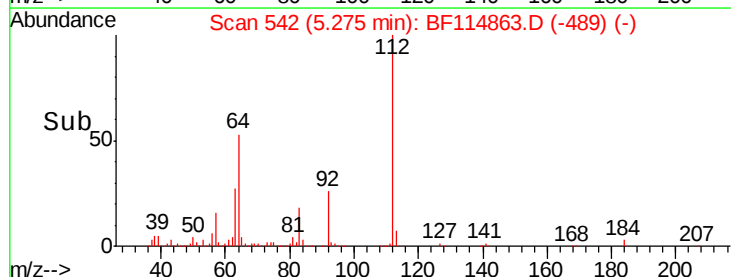


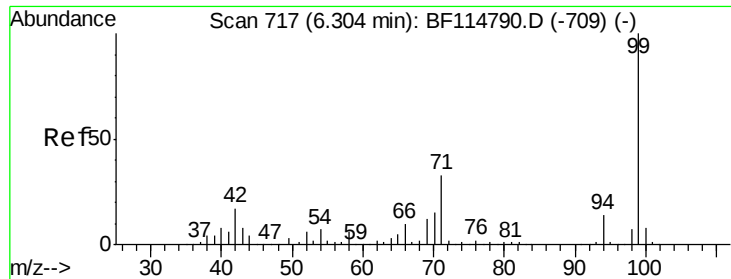
Abundance

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: 40.137 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF114863.D

Acq: 6 Jun 2019 15:15

Instrument :

BNA_F

ClientSampleId :

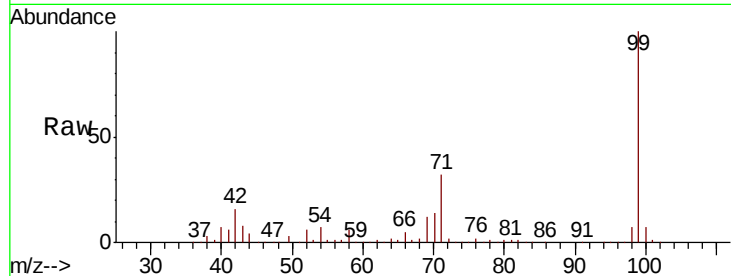
Tot Ion: 99 Resp: 1036363

Ion Ratio Lower Upper

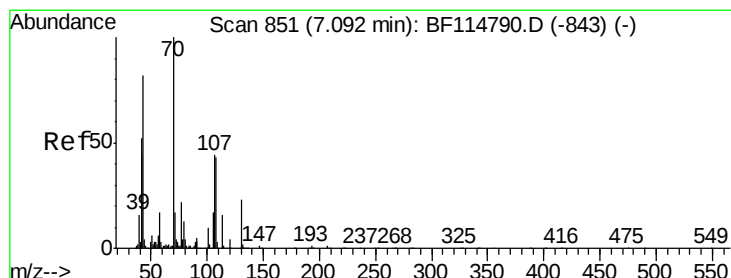
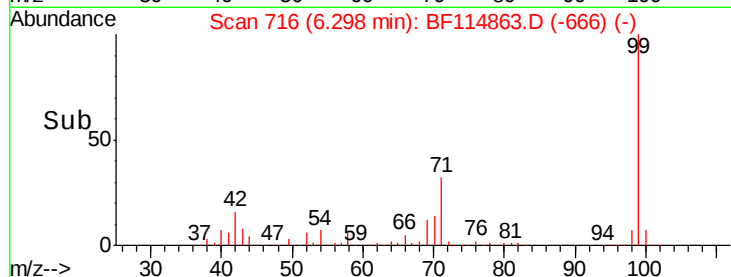
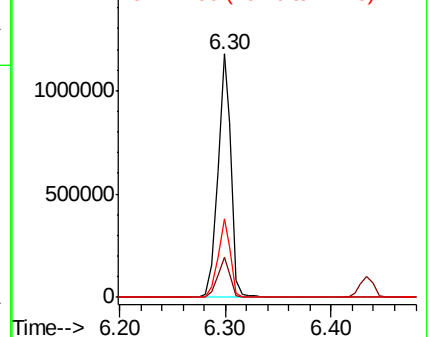
99 100

42 16.4 13.3 19.9

71 32.3 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: 14.536 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF114863.D

Acq: 6 Jun 2019 15:15

Tgt Ion: 70 Resp: 248455

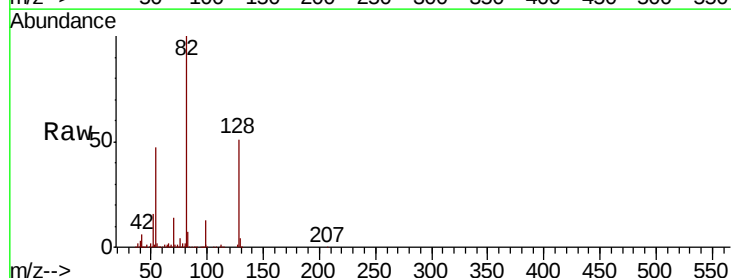
Ion Ratio Lower Upper

70 100

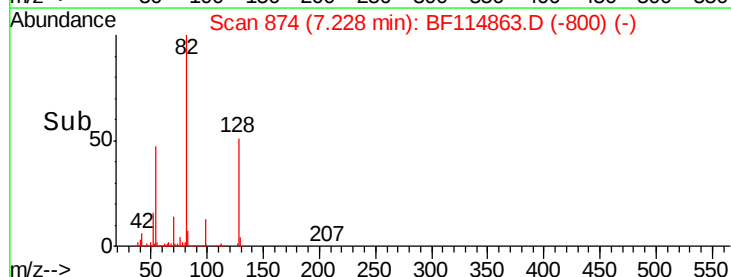
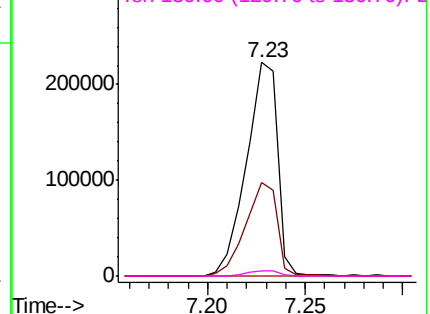
42 43.6 41.8 62.8

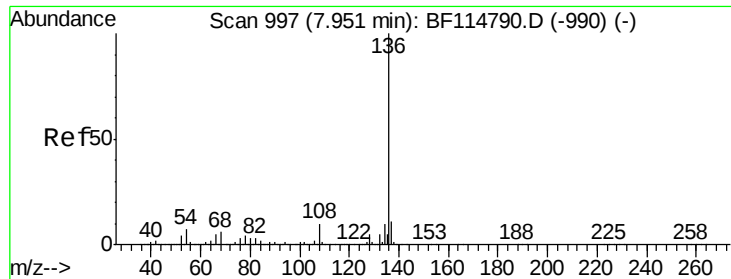
101 0.0 8.2 12.4#

130 2.7 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

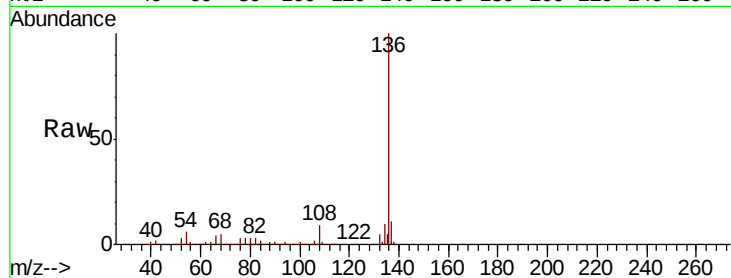




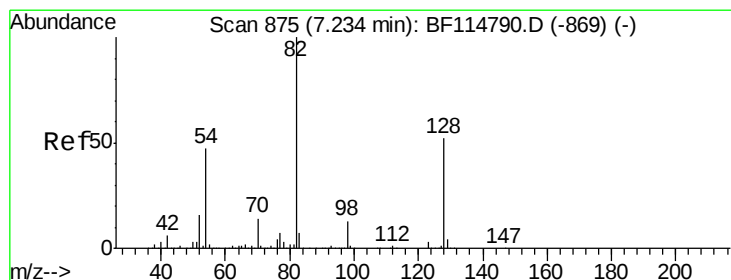
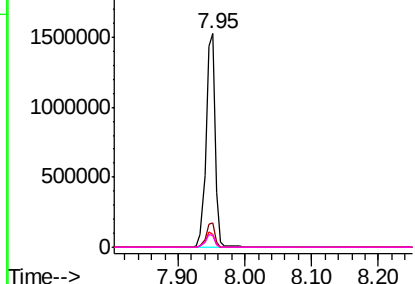
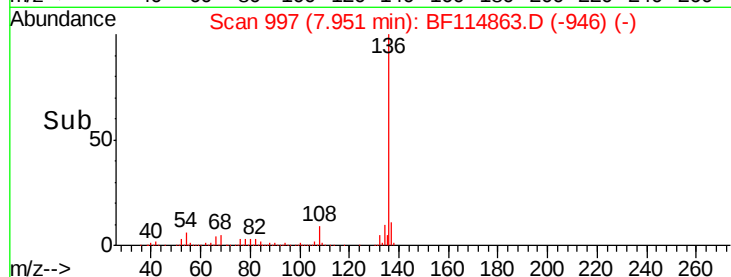
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF114863.D
Acq: 6 Jun 2019 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1437859
Ion Ratio	Lower Upper
136 100	
137 11.3	9.1 13.7
54 6.2	5.4 8.0
68 5.3	4.6 6.8

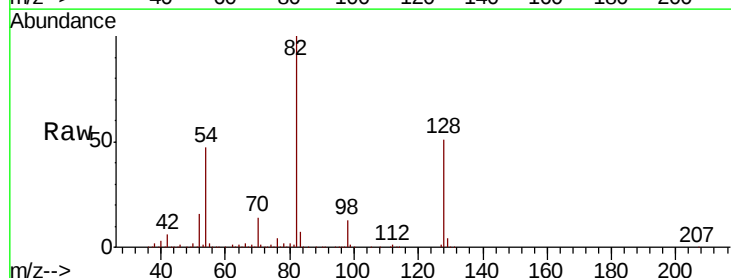


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

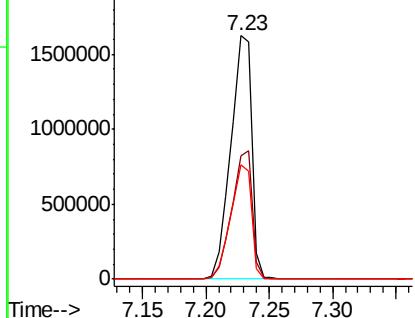
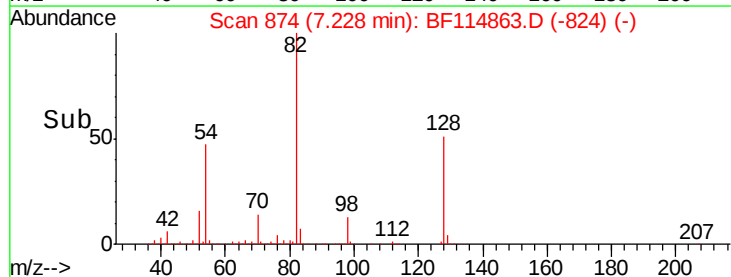


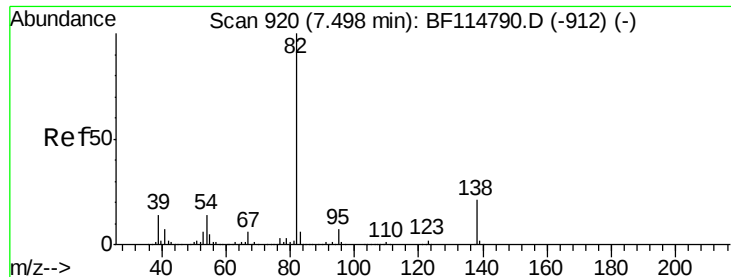
#23
Nitrobenzene-d5
Concen: 79.292 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114863.D
Acq: 6 Jun 2019 15:15

Tgt Ion: 82	Resp: 1852080
Ion Ratio	Lower Upper
82 100	
128 50.6	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: 38.311 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF114863.D

Acq: 6 Jun 2019 15:15

Instrument :

BNA_F

ClientSampled :

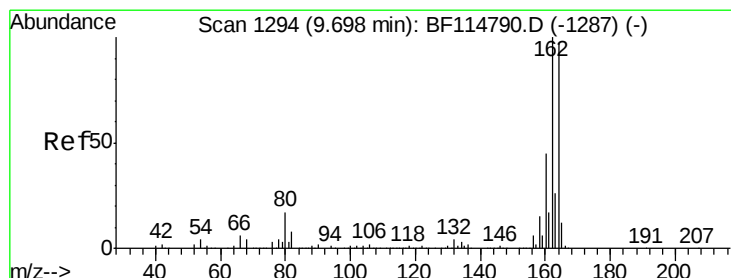
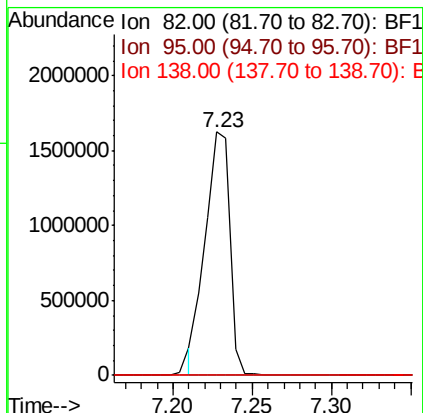
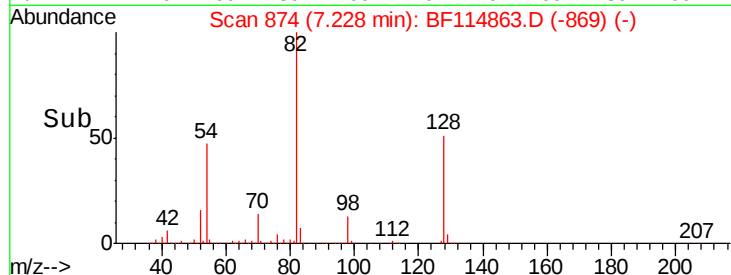
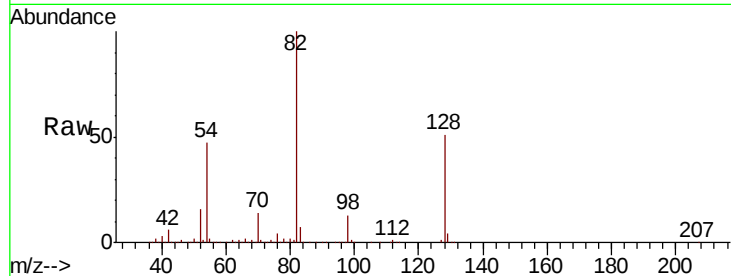
Tot Ion: 82 Resp: 1769072

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: BF114863.D

Acq: 6 Jun 2019 15:15

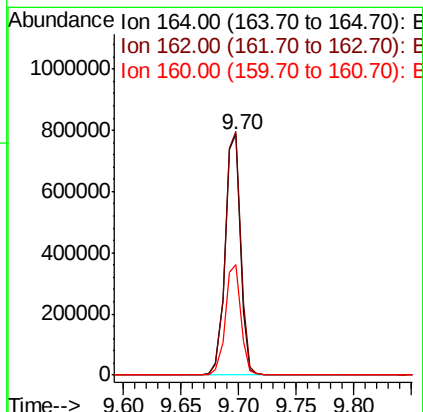
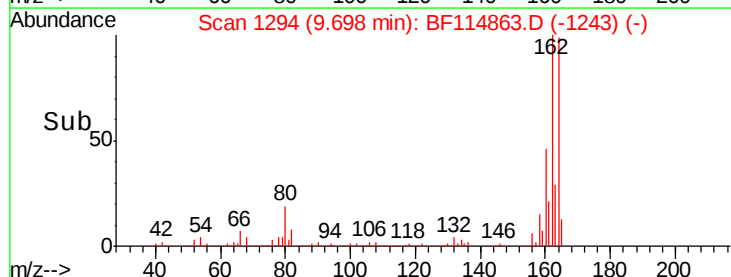
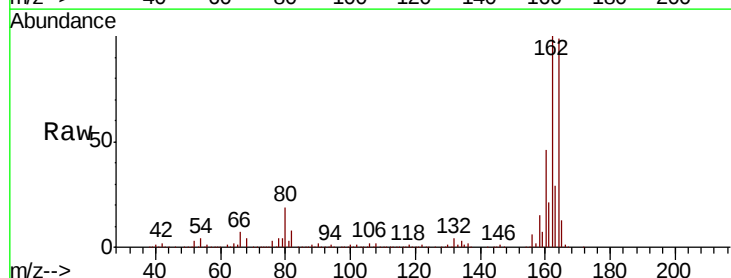
Tgt Ion:164 Resp: 725554

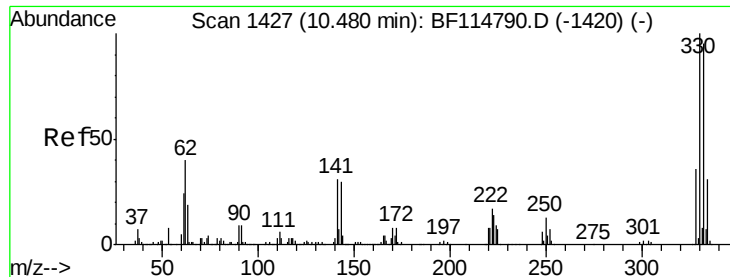
Ion Ratio Lower Upper

164 100

162 101.2 82.3 123.5

160 46.1 36.7 55.1

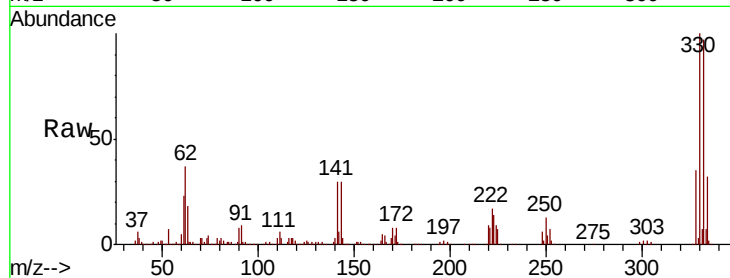




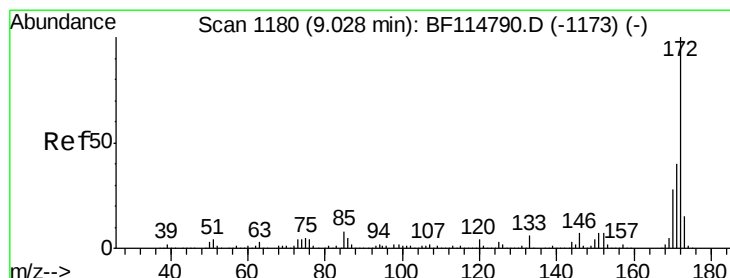
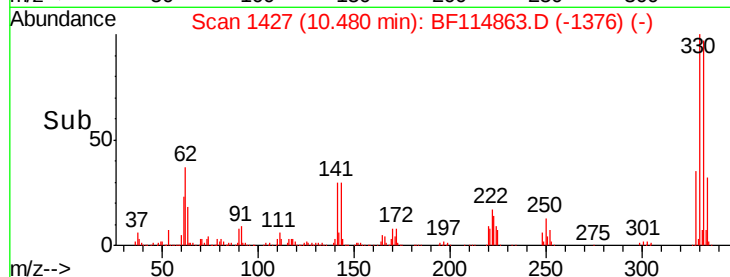
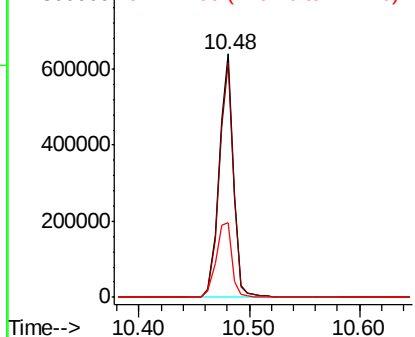
#42
 2,4,6-Tribromophenol
 Concen: 73.499 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF114863.D
 Acq: 6 Jun 2019 15:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 574685
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 34.0 26.2 39.4

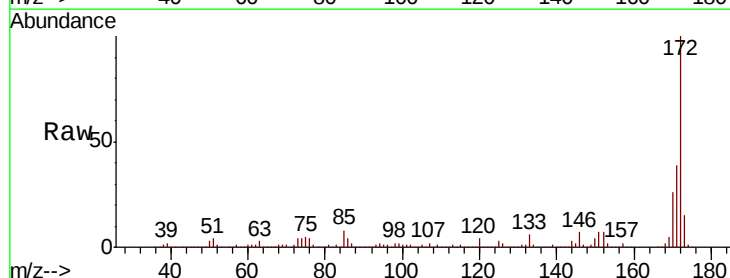


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

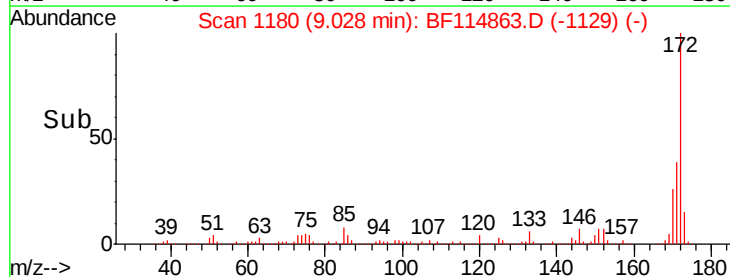
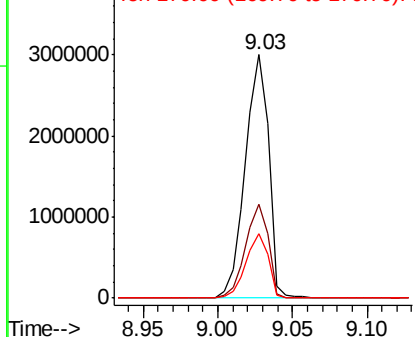


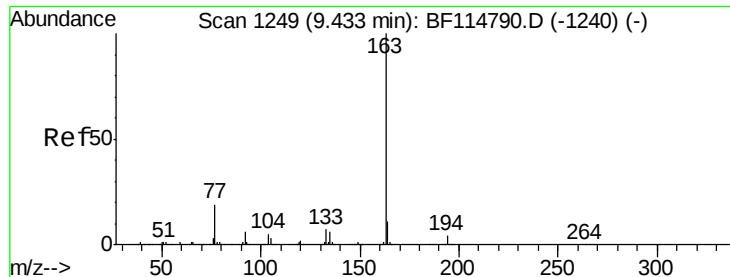
#45
 2-Fluorobiphenyl
 Concen: 84.116 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF114863.D
 Acq: 6 Jun 2019 15:15

Tgt Ion:172 Resp: 3257967
 Ion Ratio Lower Upper
 172 100
 171 38.7 32.3 48.5
 170 26.5 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: 12.108 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BF114863.D

Acq: 6 Jun 2019 15:15

Instrument :

BNA_F

ClientSampleId :

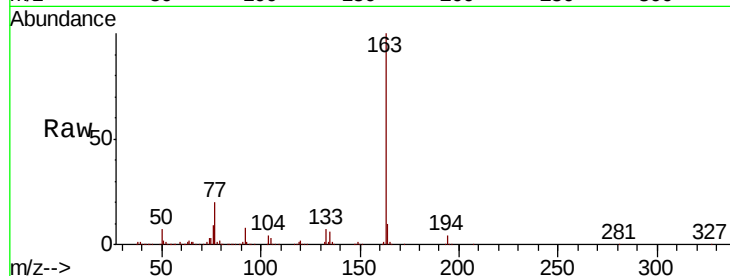
Tot Ion:163 Resp: 641611

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.2

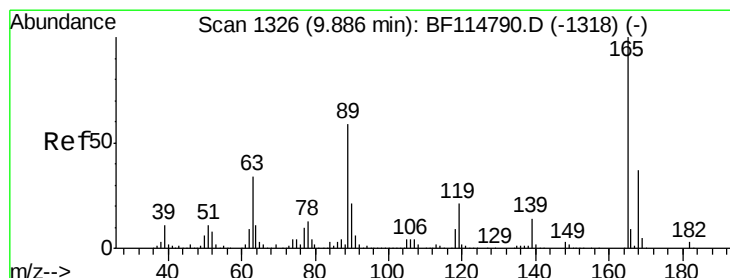
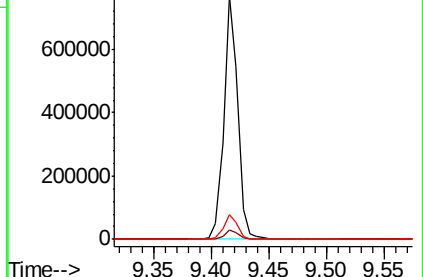
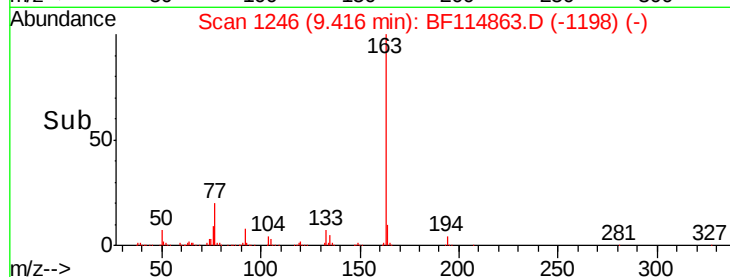
164 10.3 8.6 13.0



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: 6.035 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.19 min

Lab File: BF114863.D

Acq: 6 Jun 2019 15:15

Tgt Ion:165 Resp: 94543

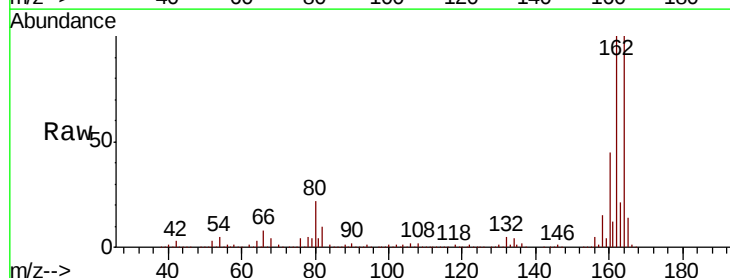
Ion Ratio Lower Upper

165 100

63 1.0 27.0 40.4#

89 1.1 47.0 70.6#

182 0.0 2.2 3.2#

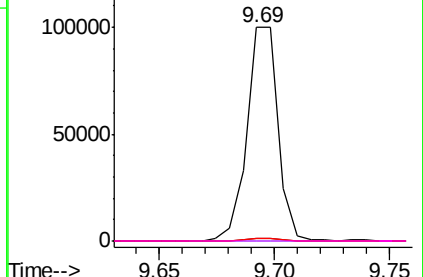
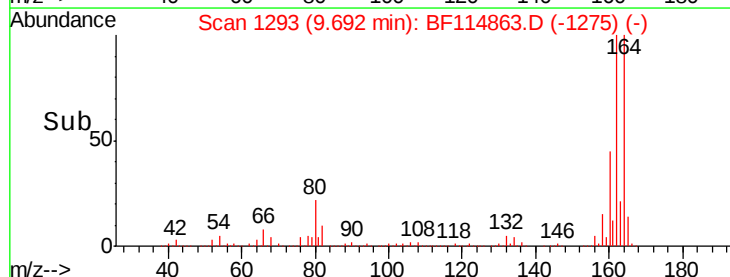


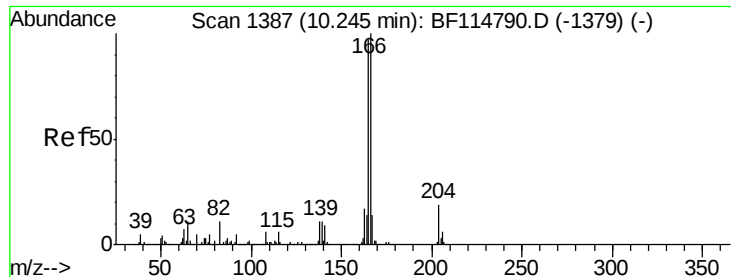
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF114863.D

Acq: 6 Jun 2019 15:15

Instrument :

BNA_F

ClientSampleId :

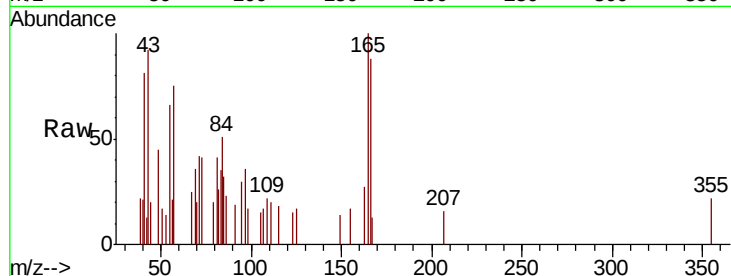
Tot Ion:166 Resp: 1669

Ion Ratio Lower Upper

166 100

165 114.2 77.9 116.9

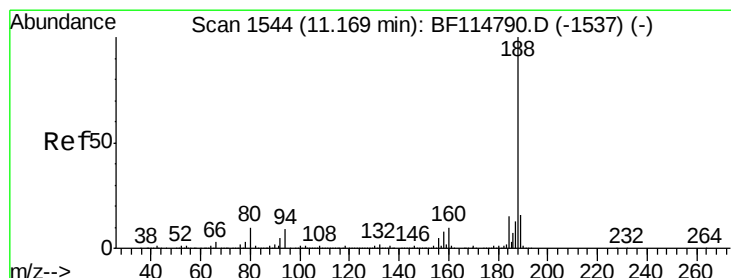
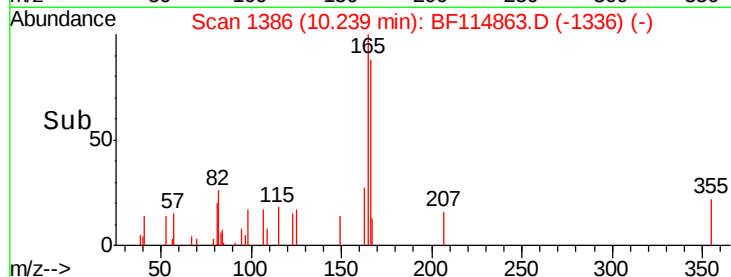
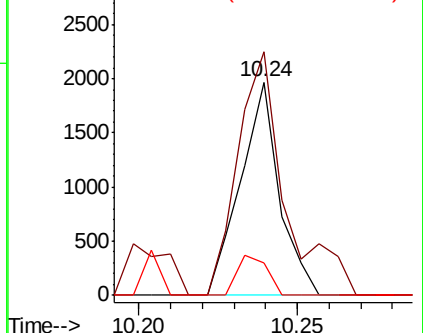
167 15.4 11.3 16.9



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: BF114863.D

Acq: 6 Jun 2019 15:15

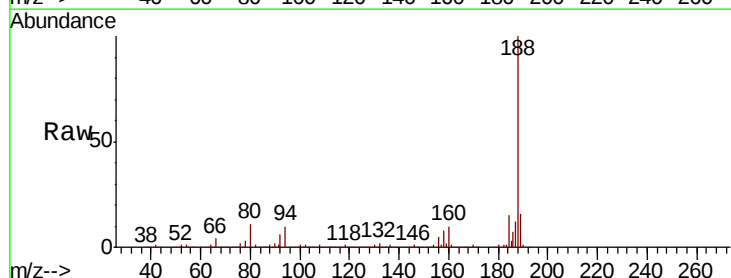
Tgt Ion:188 Resp: 1330685

Ion Ratio Lower Upper

188 100

94 10.1 7.6 11.4

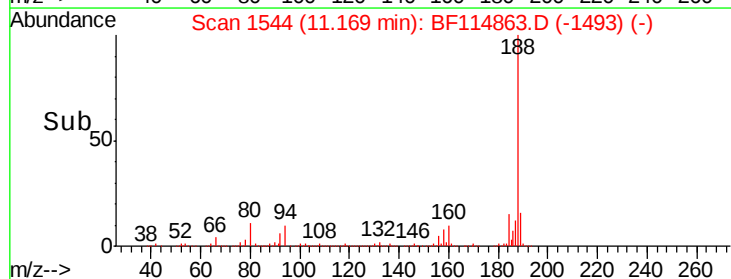
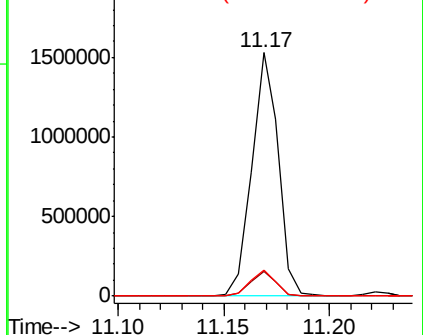
80 10.7 8.3 12.5

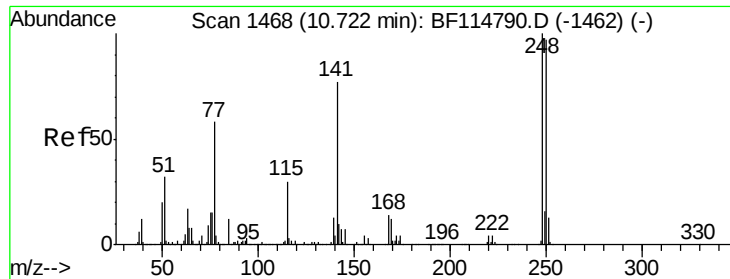


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

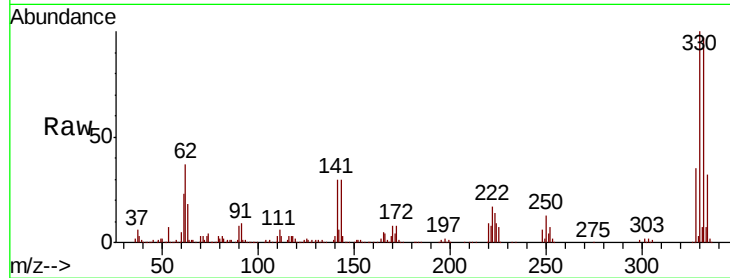




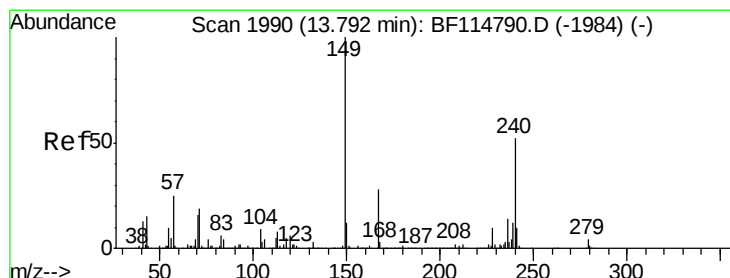
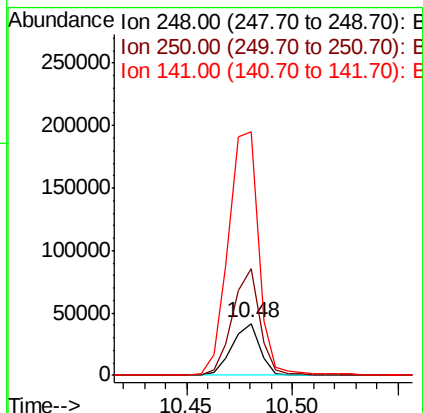
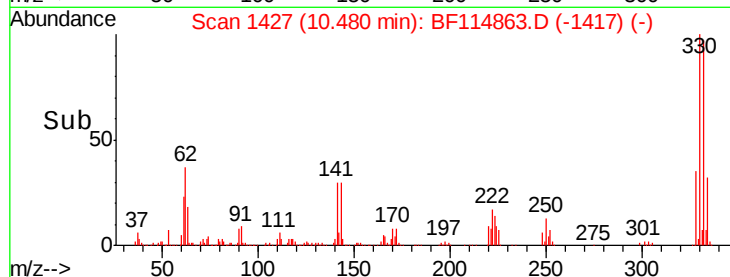
#67
4-Bromophenyl-phenylether
Concen: 2.485 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.24 min
Lab File: BF114863.D
Acq: 6 Jun 2019 15:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 37559
Ion Ratio Lower Upper
248 100
250 204.8 77.5 116.3#
141 469.6 61.8 92.8#

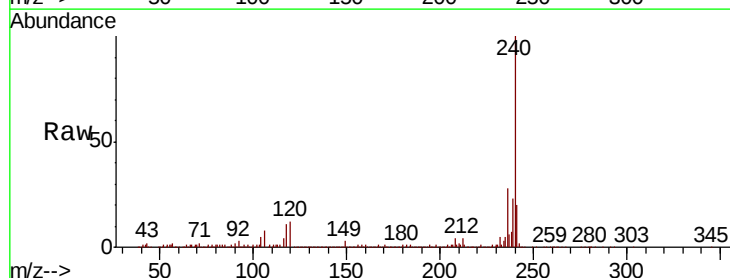


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

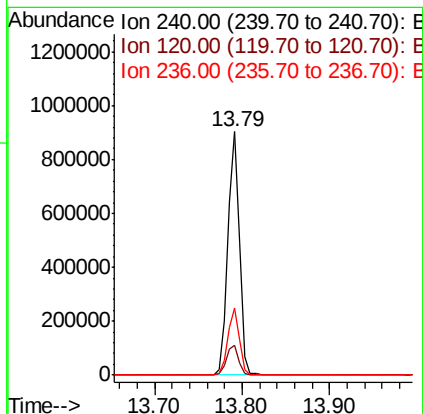
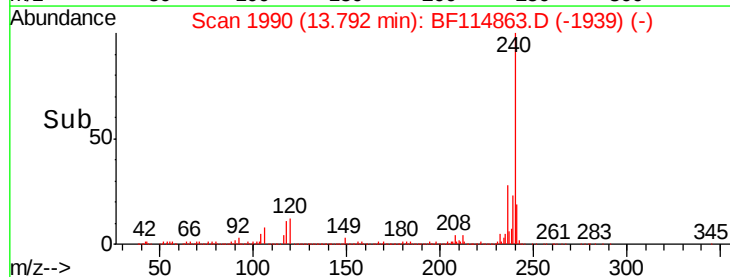


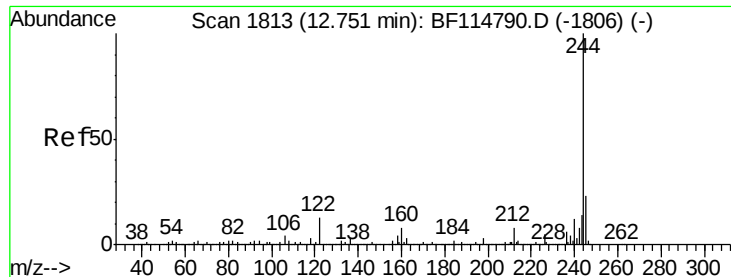
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BF114863.D
Acq: 6 Jun 2019 15:15

Tgt Ion:240 Resp: 831797
Ion Ratio Lower Upper
240 100
120 12.1 9.0 13.4
236 27.6 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: 70.189 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114863.D

Acq: 6 Jun 2019 15:15

Instrument :

BNA_F

ClientSampleId :

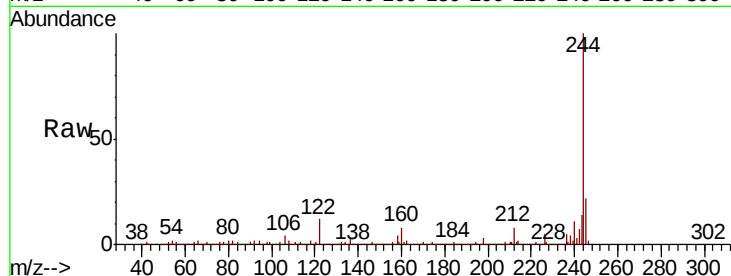
Tot Ion:244 Resp: 3002072

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

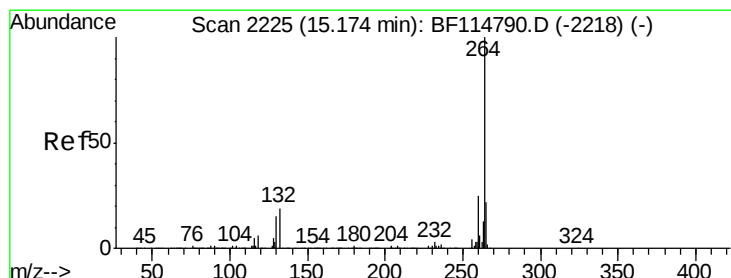
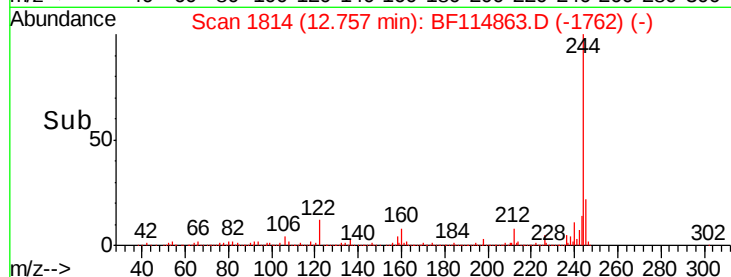
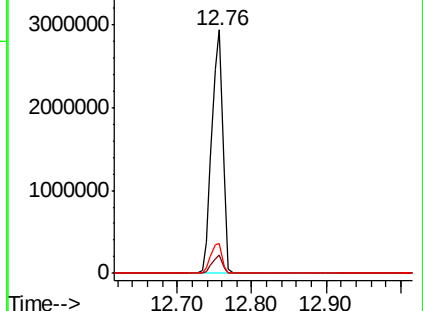
122 12.1 10.5 15.7



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: 15.19 min Scan# 2228

Delta R.T. 0.02 min

Lab File: BF114863.D

Acq: 6 Jun 2019 15:15

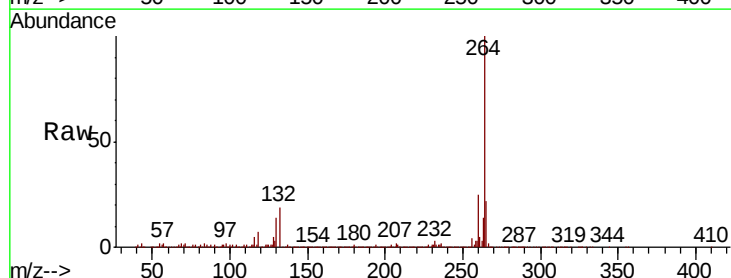
Tgt Ion:264 Resp: 807965

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

265 22.0 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

