

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119172.D
 Acq On : 2 Mar 2020 16:54
 Operator : CG/JU
 Sample : L1723-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 07:20:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

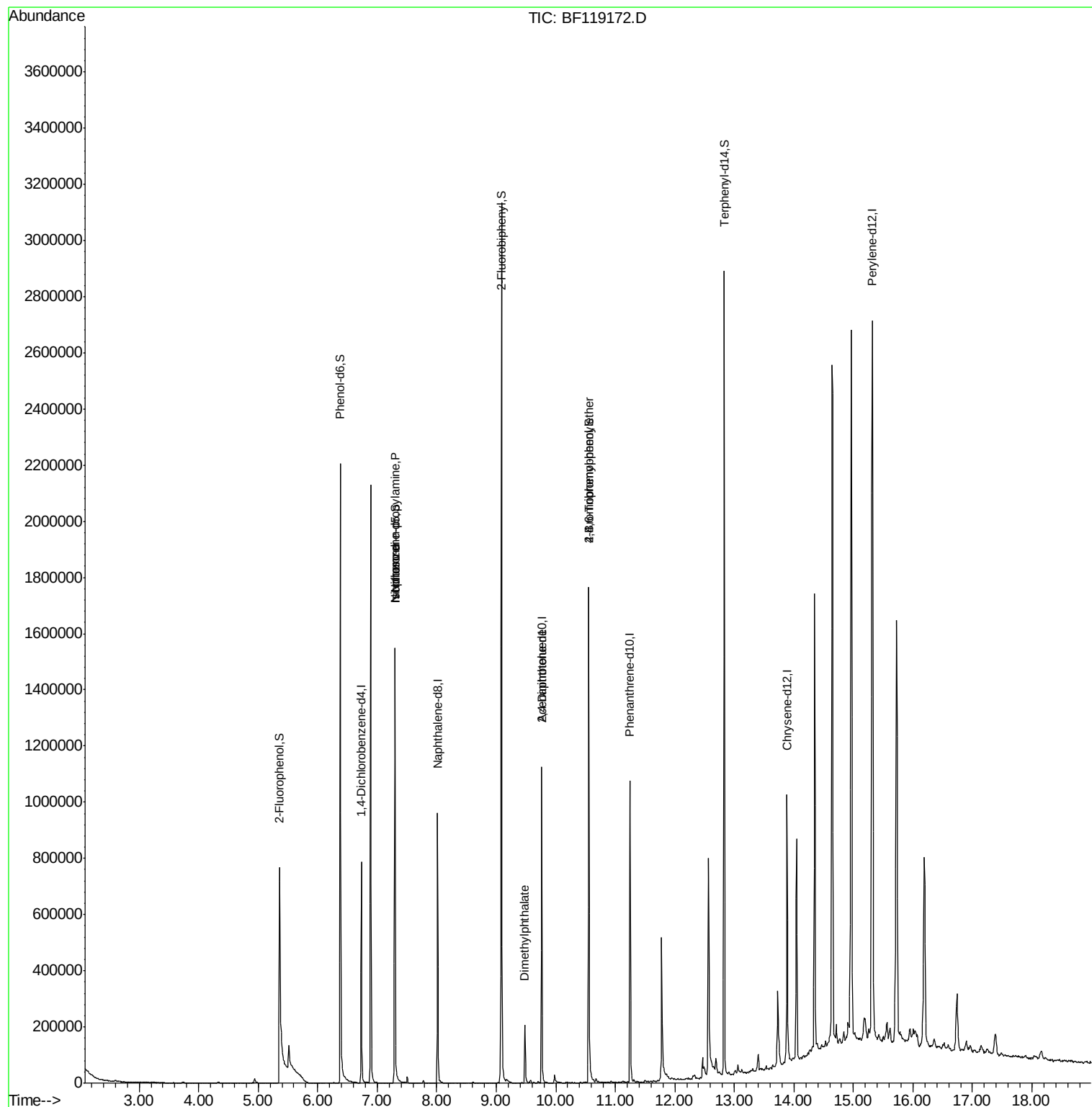
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	117936	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	452694	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	243179	20.00	ng	-0.02
64) Phenanthrene-d10	11.24	188	420990	20.00	ng	-0.02
76) Chrysene-d12	13.89	240	306086	20.00	ng	-0.02
87) Perylene-d12	15.31	264	347001	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	463990	65.75	ng	-0.01
7) Phenol-d6	6.38	99	816680	95.15	ng	-0.02
23) Nitrobenzene-d5	7.30	82	537319	62.67	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	259944	81.71	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1061323	64.29	ng	-0.02
79) Terphenyl-d14	12.83	244	1123408	63.19	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	74641	14.925	ng	# 74
25) Isophorone	7.30	82	537315	36.085	ng	# 63
50) Dimethylphthalate	9.48	163	98728	5.309	ng	100
57) 2,4-Dinitrotoluene	9.76	165	30761	5.744	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	17153	3.117	ng	# 1

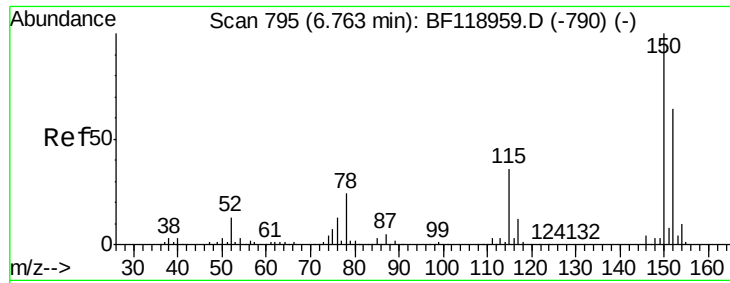
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration



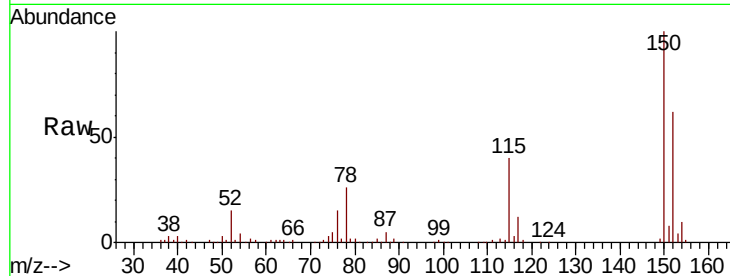


#1

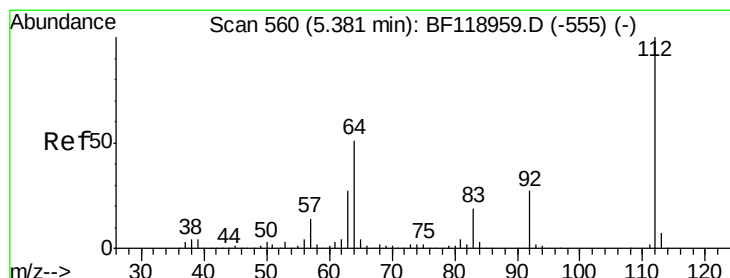
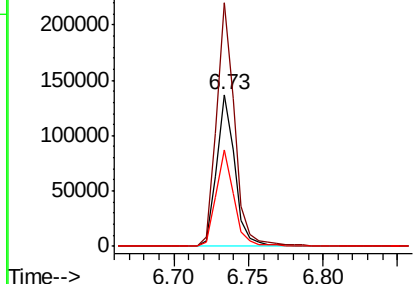
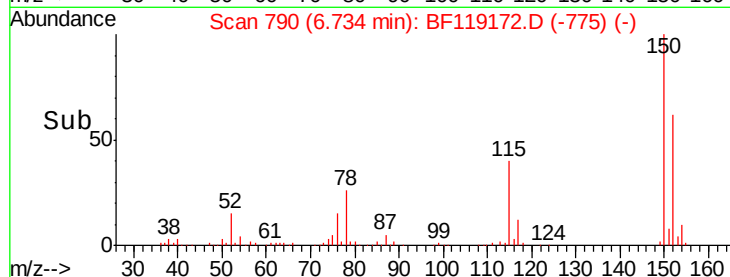
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119172.D
Acq: 2 Mar 2020 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117936
Ion Ratio Lower Upper
152 100
150 160.4 123.0 184.6
115 63.5 49.5 74.3



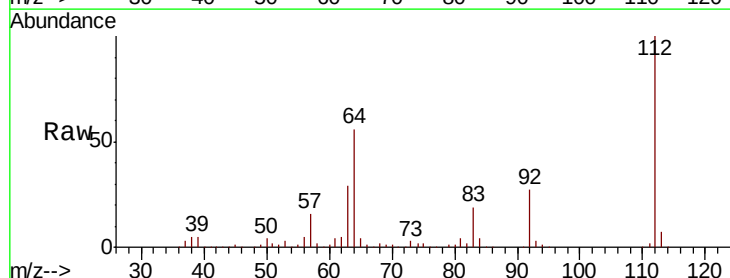
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



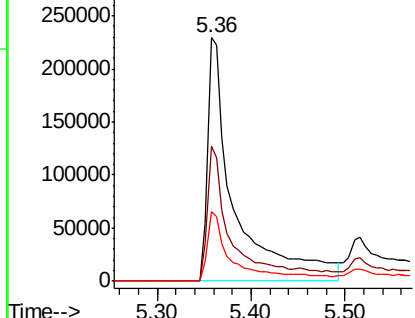
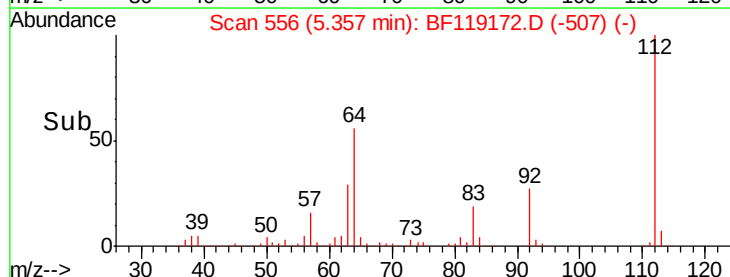
#5

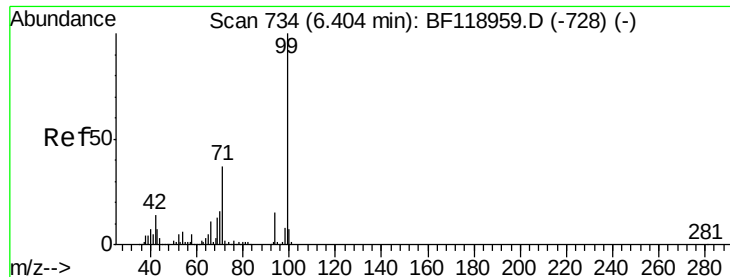
2-Fluorophenol
Concen: 65.748 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119172.D
Acq: 2 Mar 2020 16:54

Tgt Ion:112 Resp: 463990
Ion Ratio Lower Upper
112 100
64 55.6 45.0 67.4
63 28.6 24.2 36.4



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: 95.154 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119172.D

Acq: 2 Mar 2020 16:54

Instrument :

BNA_F

ClientSampled :

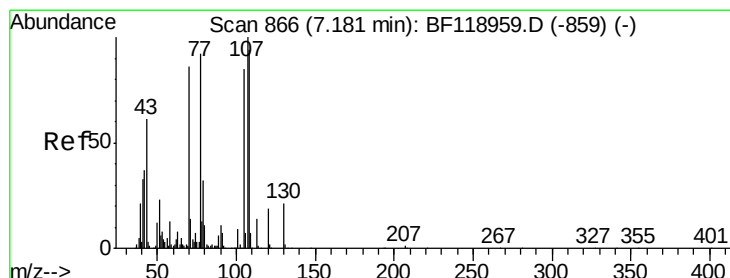
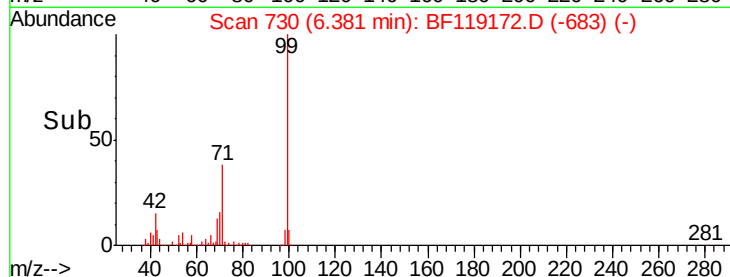
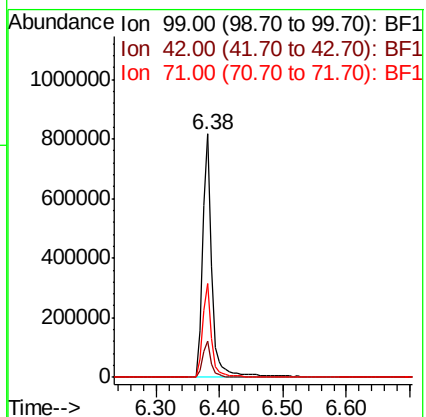
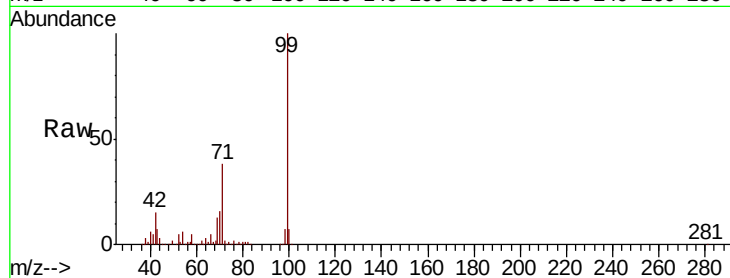
Tot Ion: 99 Resp: 816680

Ion Ratio Lower Upper

99 100

42 15.0 12.6 18.8

71 38.4 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.925 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.12 min

Lab File: BF119172.D

Acq: 2 Mar 2020 16:54

Tgt Ion: 70 Resp: 74641

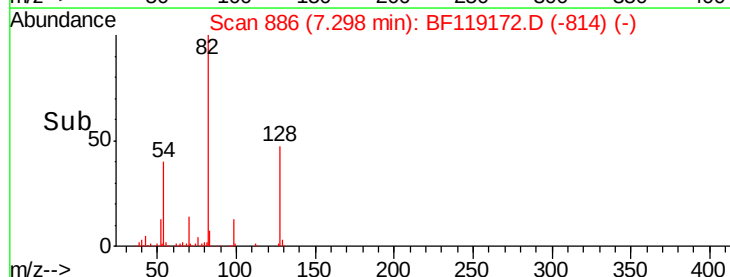
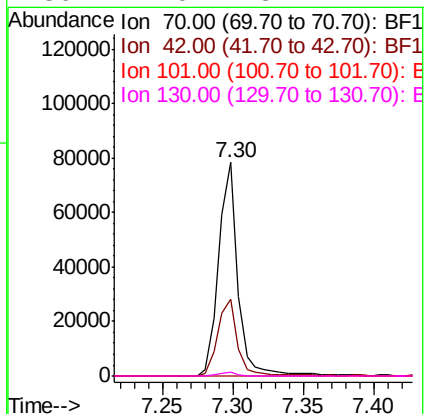
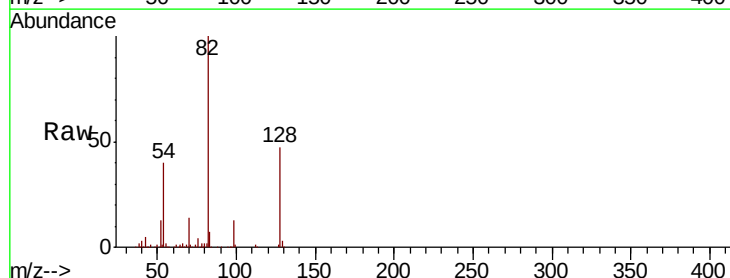
Ion Ratio Lower Upper

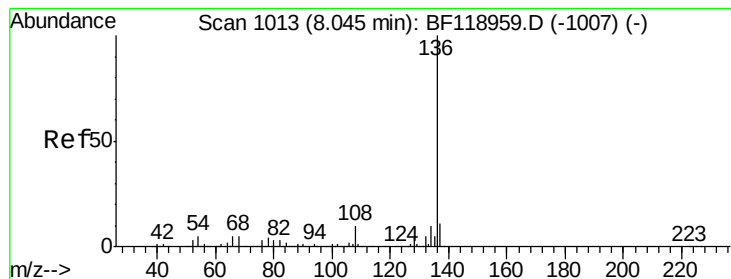
70 100

42 35.8 38.0 57.0#

101 0.0 8.2 12.4#

130 2.0 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF119172.D

Acq: 2 Mar 2020 16:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 452694

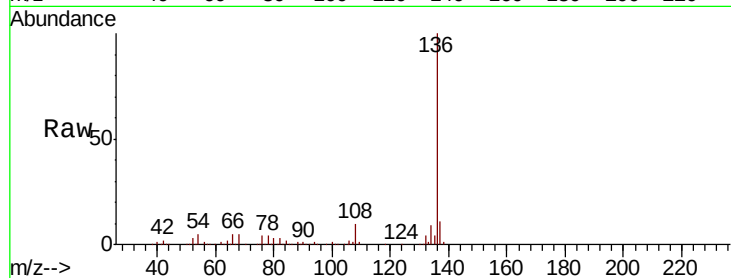
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 4.9 3.8 5.6

68 4.9 3.9 5.9

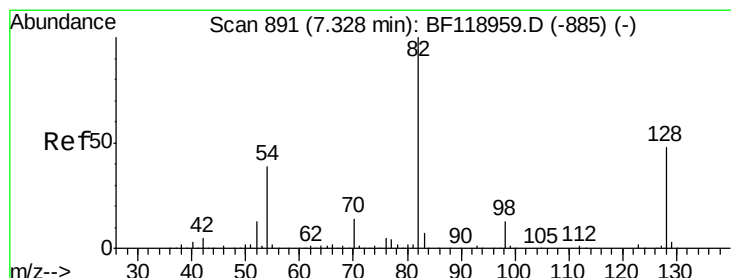
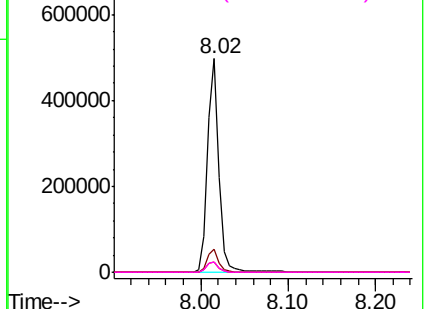
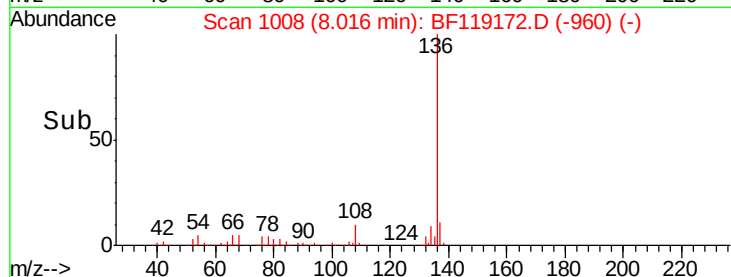


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.670 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF119172.D

Acq: 2 Mar 2020 16:54

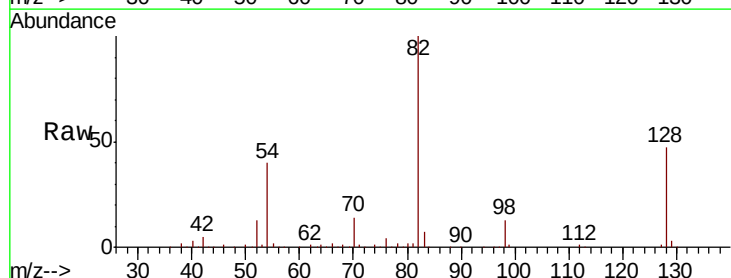
Tgt Ion: 82 Resp: 537319

Ion Ratio Lower Upper

82 100

128 46.9 37.9 56.9

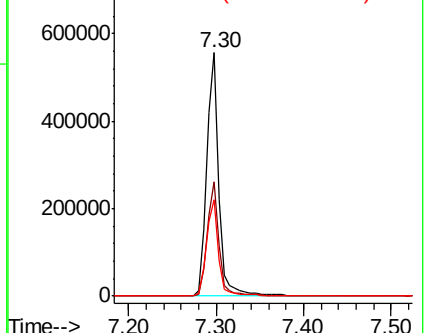
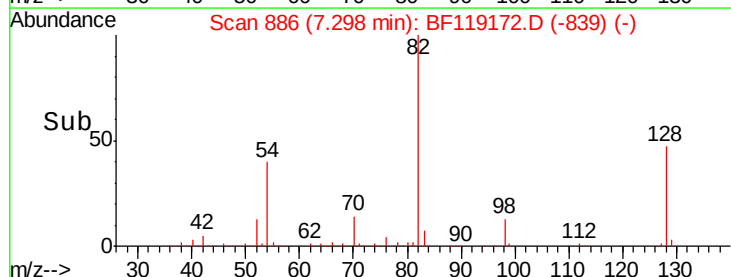
54 39.7 33.4 50.2

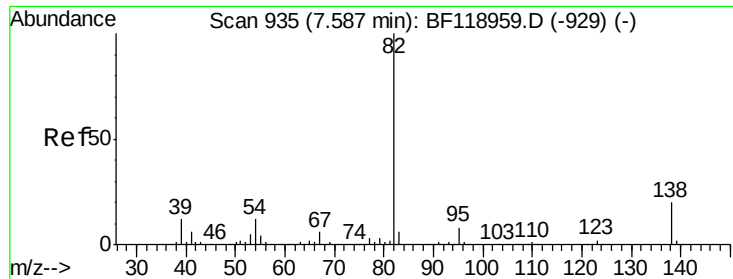


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

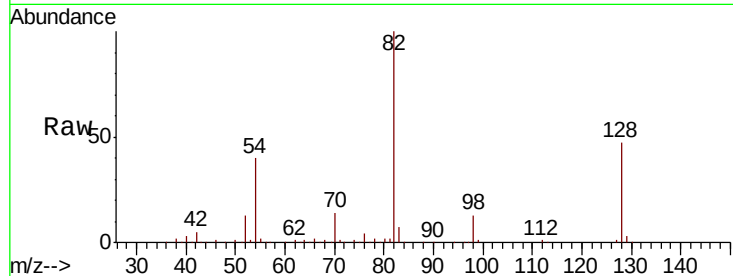




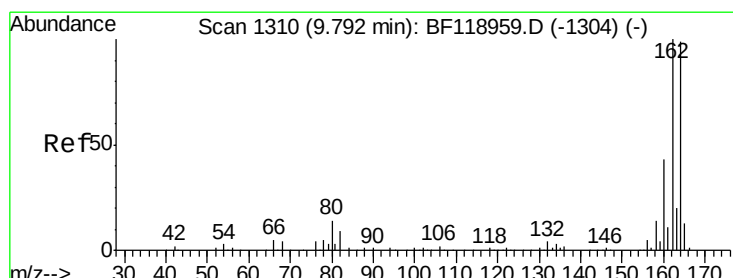
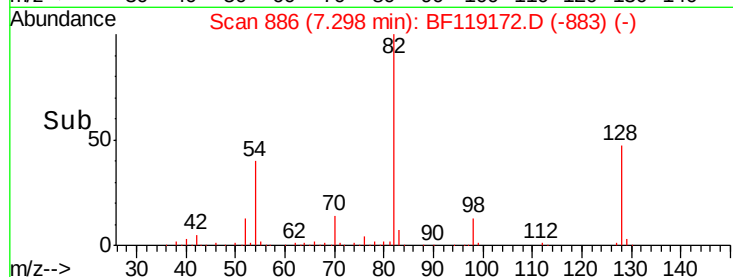
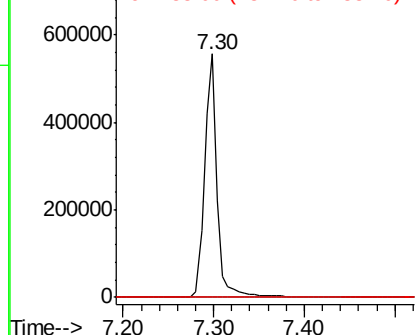
#25
Isophorone
Concen: 36.085 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.28 min
Lab File: BF119172.D
Acq: 2 Mar 2020 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 537315
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#

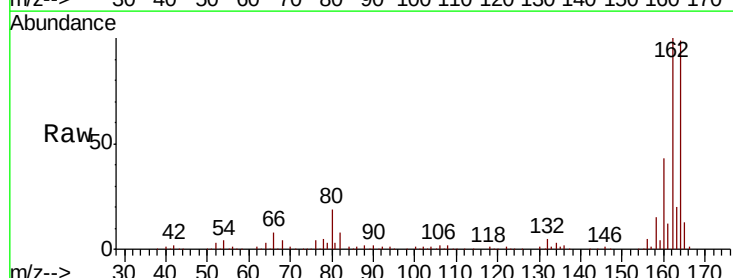


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E

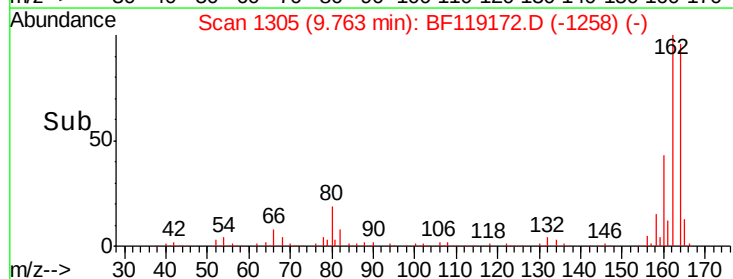
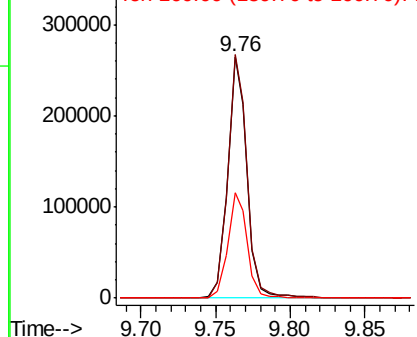


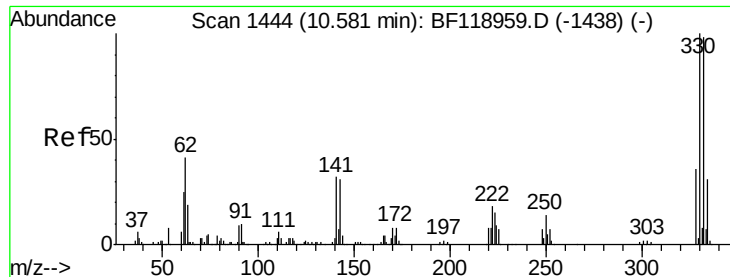
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF119172.D
Acq: 2 Mar 2020 16:54

Tgt Ion:164 Resp: 243179
Ion Ratio Lower Upper
164 100
162 100.8 81.8 122.8
160 43.8 36.0 54.0



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

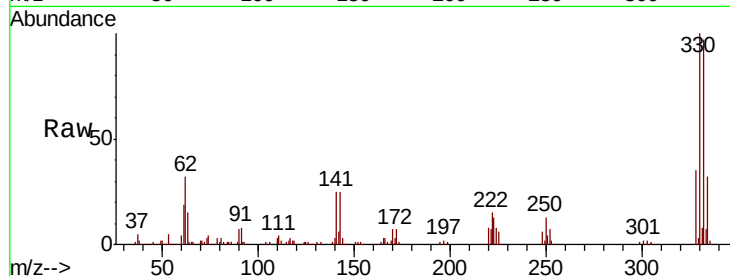




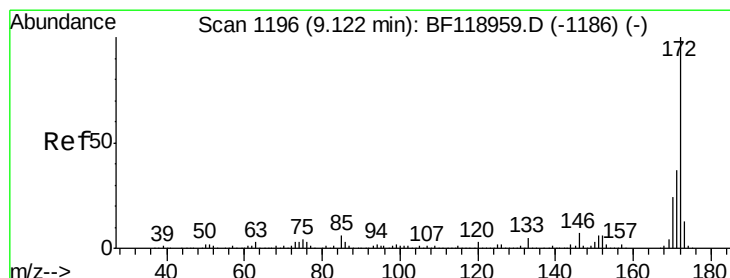
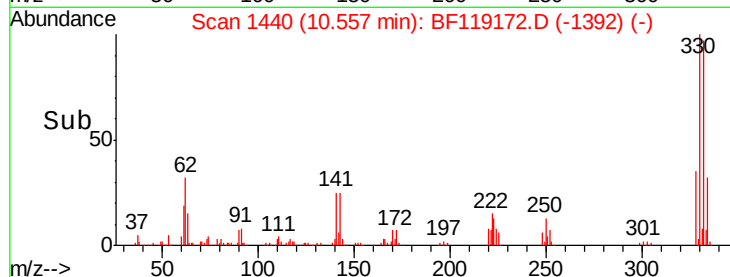
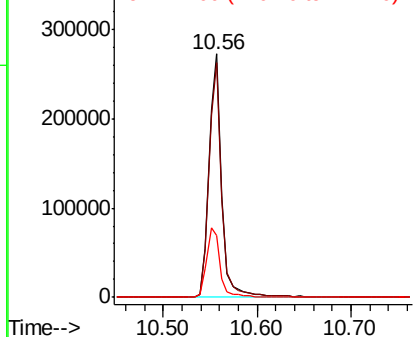
#42
 2,4,6-Tribromophenol
 Concen: 81.713 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF119172.D
 Acq: 2 Mar 2020 16:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	30.3	22.9	34.3

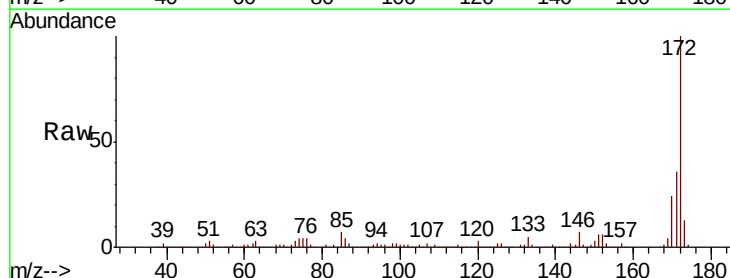


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

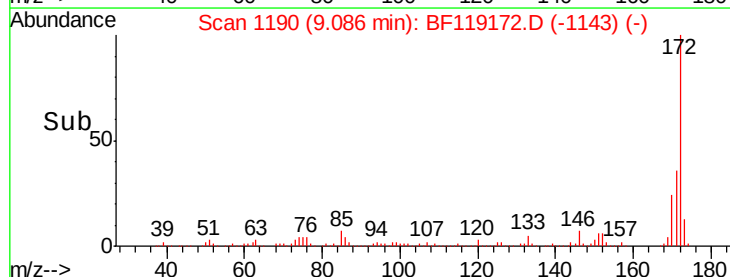
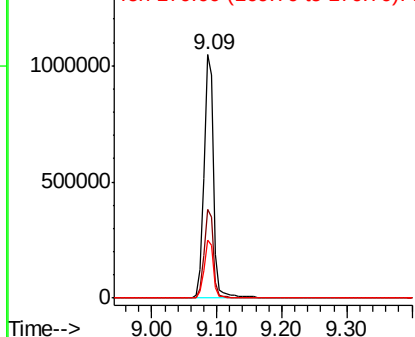


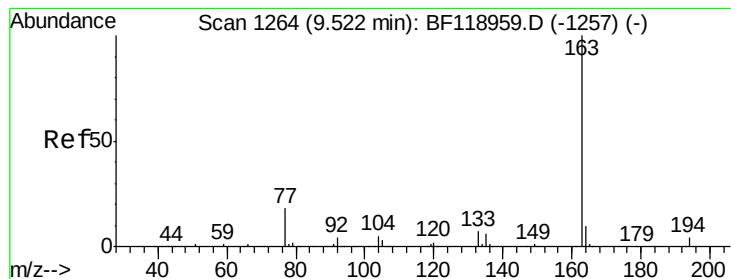
#45
 2-Fluorobiphenyl
 Concen: 64.295 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF119172.D
 Acq: 2 Mar 2020 16:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	45.8
170	24.1	20.2	30.2



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: 5.309 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BF119172.D

Acq: 2 Mar 2020 16:54

Instrument :

BNA_F

ClientSampleId :

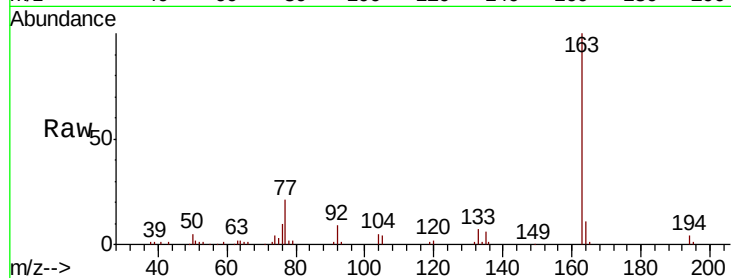
Tot Ion:163 Resp: 98728

Ion Ratio Lower Upper

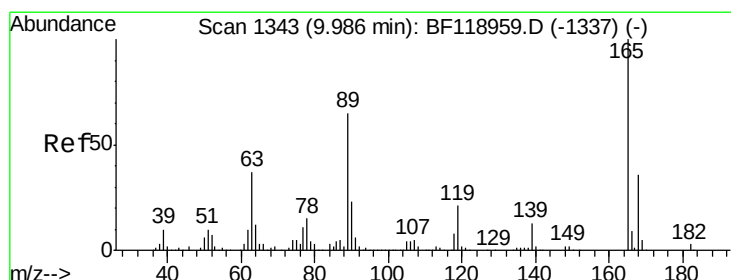
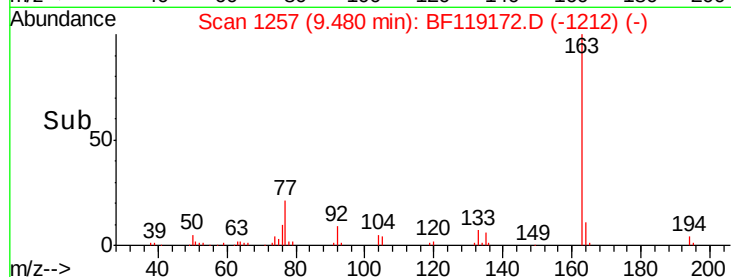
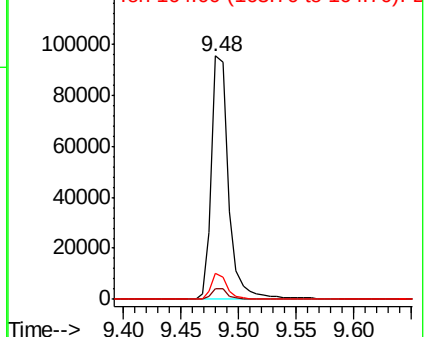
163 100

194 4.3 3.5 5.3

164 10.6 8.4 12.6



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: 5.744 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.22 min

Lab File: BF119172.D

Acq: 2 Mar 2020 16:54

Tgt Ion:165 Resp: 30761

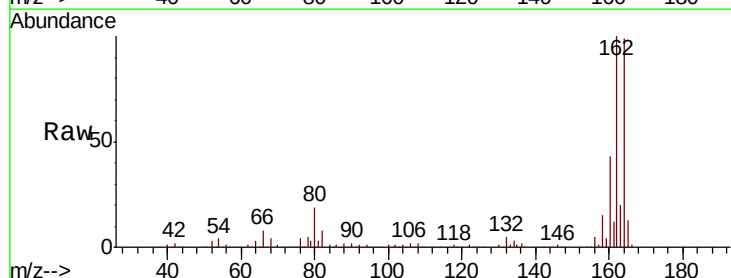
Ion Ratio Lower Upper

165 100

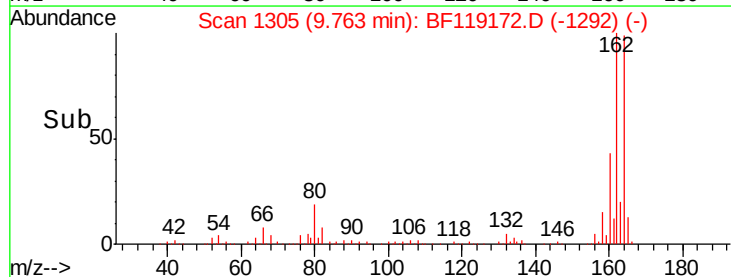
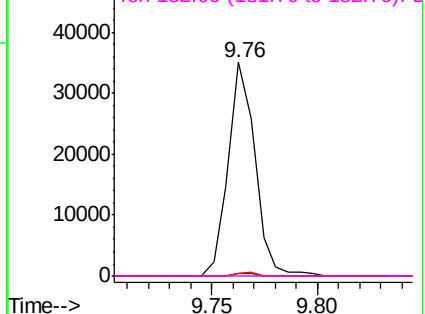
63 1.2 42.3 63.5#

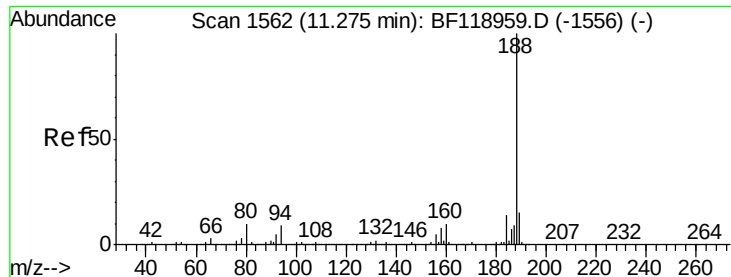
89 1.4 60.2 90.4#

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: 11.24 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF119172.D

Acq: 2 Mar 2020 16:54

Instrument :

BNA_F

ClientSampled :

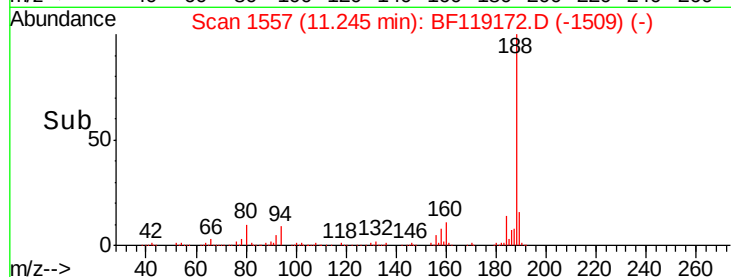
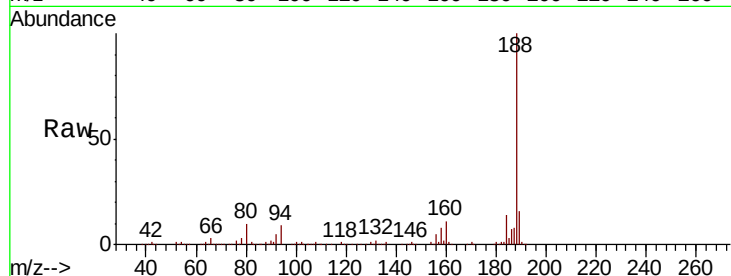
Tot Ion:188 Resp: 420990

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

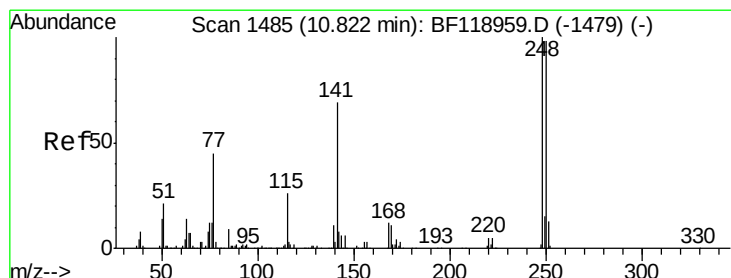
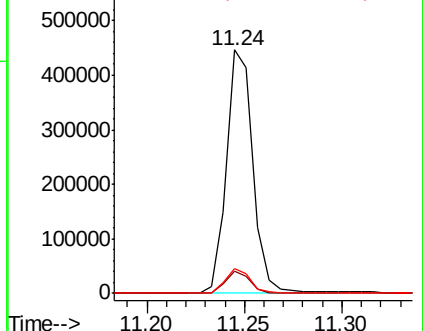
80 10.2 7.8 11.8



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: 3.117 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.25 min

Lab File: BF119172.D

Acq: 2 Mar 2020 16:54

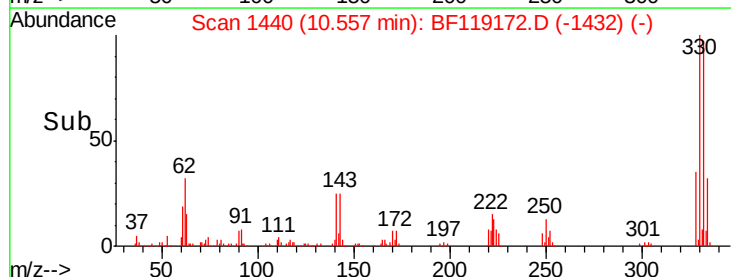
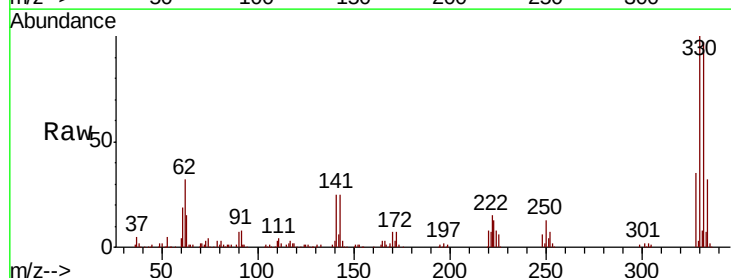
Tgt Ion:248 Resp: 17153

Ion Ratio Lower Upper

248 100

250 201.1 76.7 115.1#

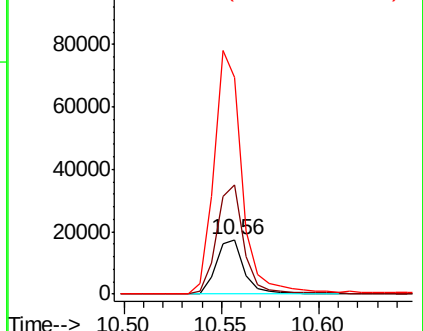
141 399.6 60.7 91.1#

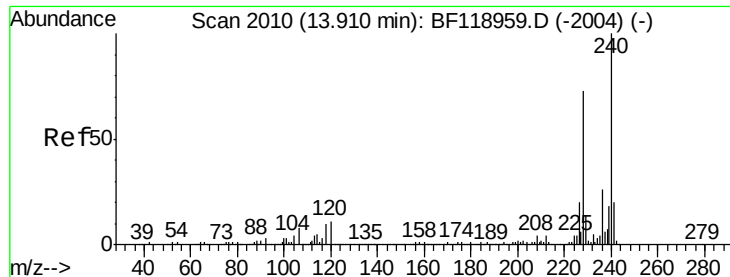


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

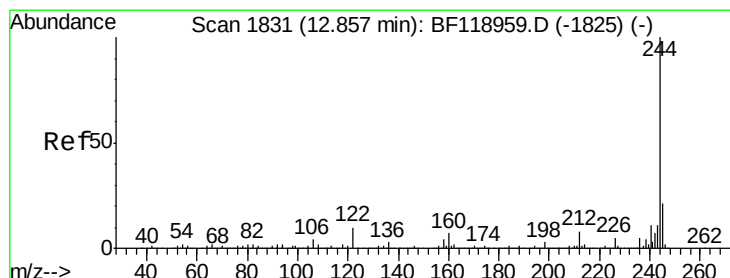
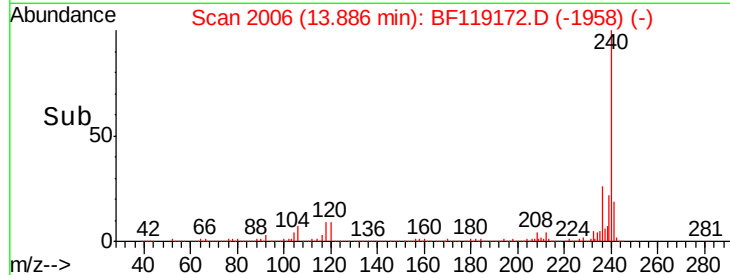
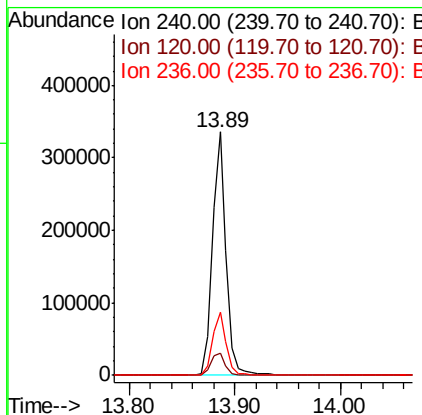
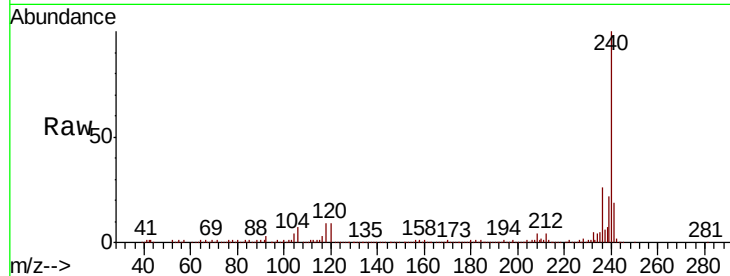




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BF119172.D
 Acq: 2 Mar 2020 16:54

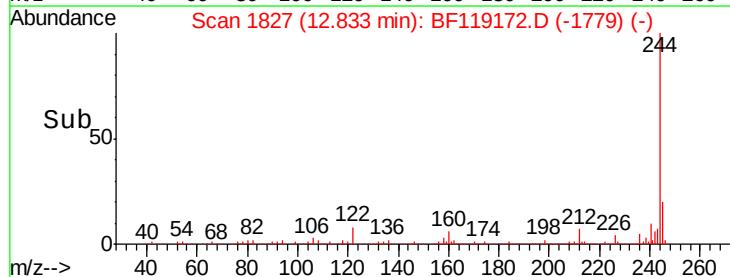
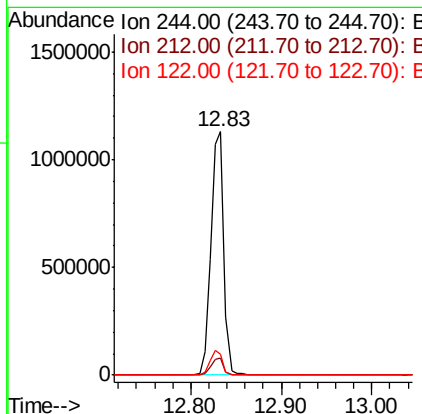
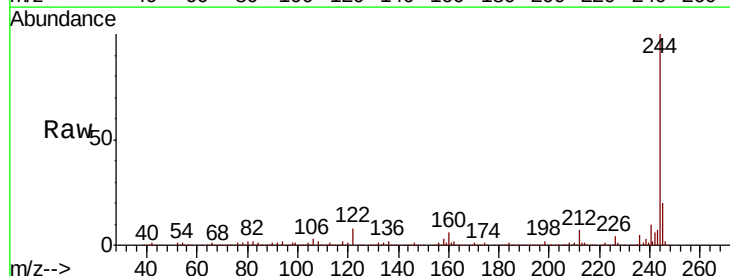
Instrument :
 BNA_F
 ClientSampleId :

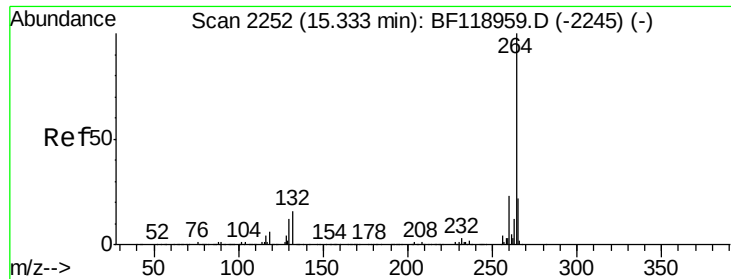
Tot Ion:240 Resp: 306086
 Ion Ratio Lower Upper
 240 100
 120 9.3 8.4 12.6
 236 26.1 21.0 31.4



#79
 Terphenyl-d14
 Concen: 63.190 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF119172.D
 Acq: 2 Mar 2020 16:54

Tgt Ion:244 Resp: 1123408
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.6 10.0
 122 8.4 8.2 12.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119172.D
Acq: 2 Mar 2020 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.9	17.7	26.5

