

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118736.D
 Acq On : 29 Jan 2020 17:27
 Operator : CG/JU
 Sample : PB126434TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:10:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

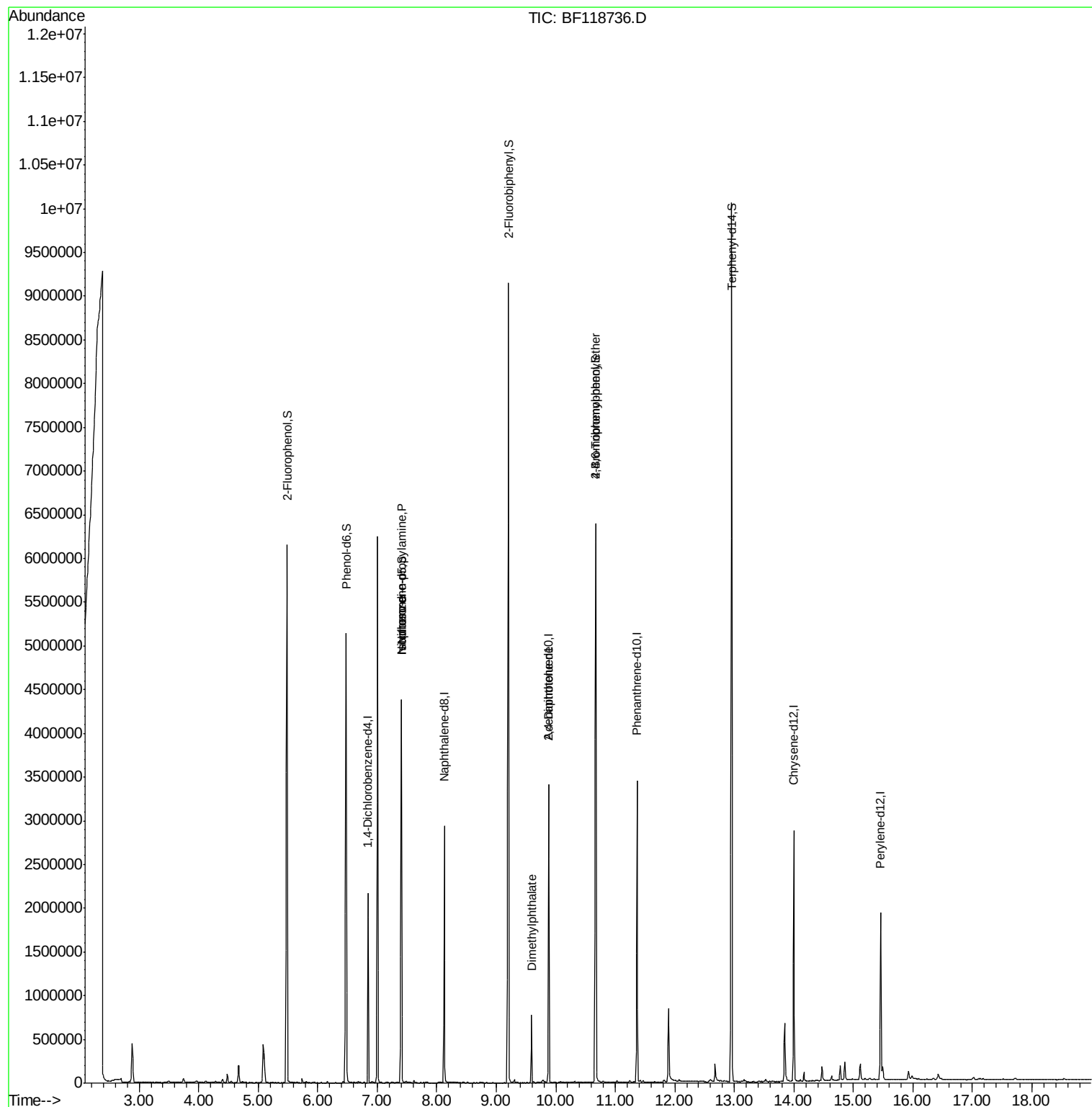
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	345119	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1290588	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	736361	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1393134	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	1015462	20.00	ng	-0.02
87) Perylene-d12	15.46	264	927137	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1968259	105.92	ng	0.00
7) Phenol-d6	6.48	99	2222238	92.01	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1733094	75.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	1073662	126.06	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	3359597	74.99	ng	-0.02
79) Terphenyl-d14	12.96	244	4328160	92.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	239969	14.715	ng	# 75
25) Isophorone	7.41	82	1728446	41.070	ng	# 63
50) Dimethylphthalate	9.59	163	311868	6.501	ng	99
57) 2,4-Dinitrotoluene	9.88	165	96556	7.130	ng	# 30
67) 4-Bromophenyl-phenylether	10.67	248	69958	4.065	ng	# 1

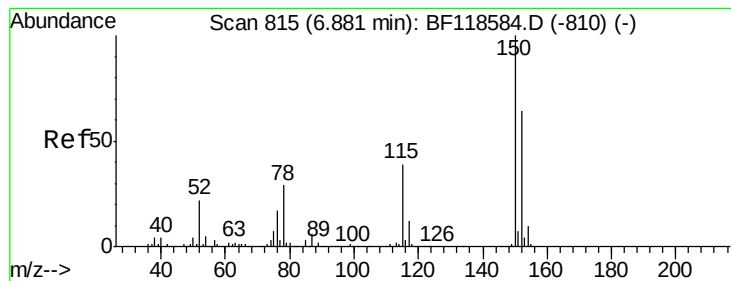
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118736.D
Acq On : 29 Jan 2020 17:27
Operator : CG/JU
Sample : PB126434TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 30 00:10:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration



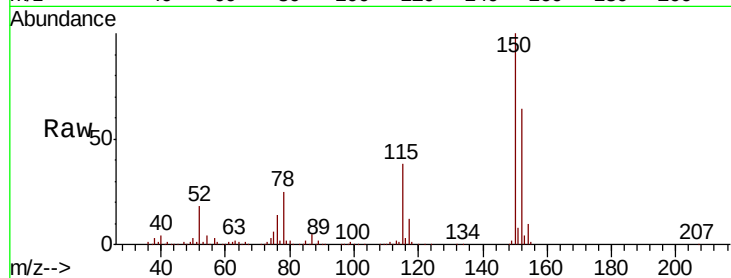


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF118736.D
Acq: 29 Jan 2020 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.7	185.5
115	60.3	45.1	67.7

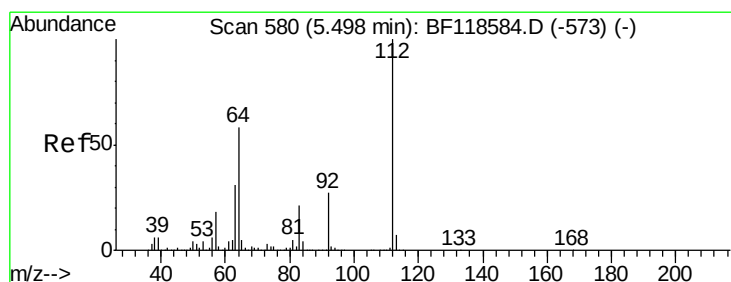
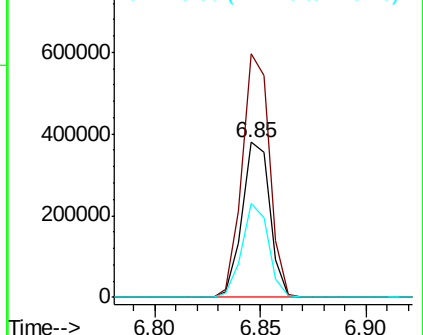
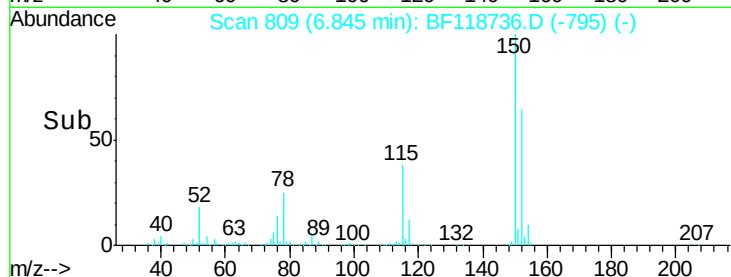


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

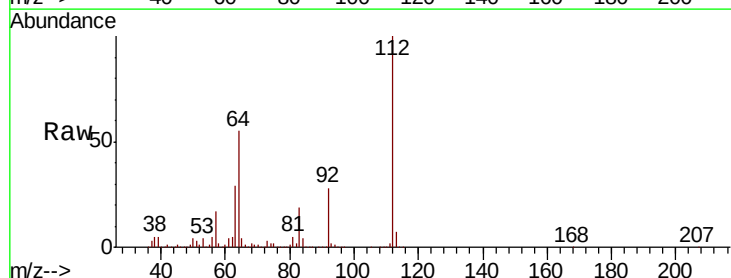
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.922 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118736.D
Acq: 29 Jan 2020 17:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	42.4	63.6
63	29.1	21.7	32.5

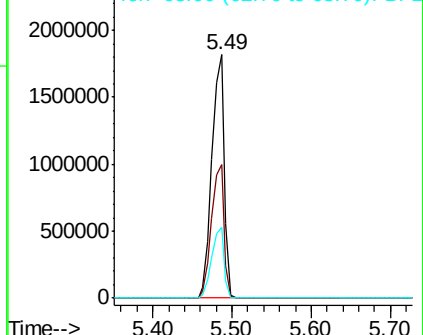
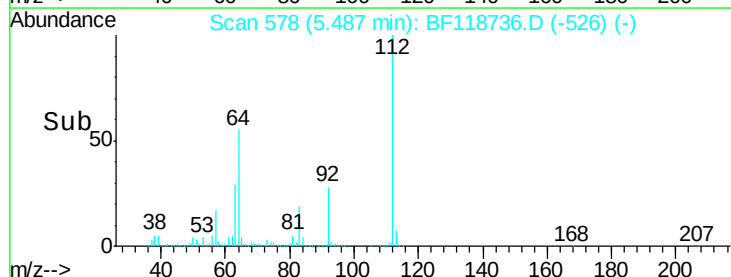


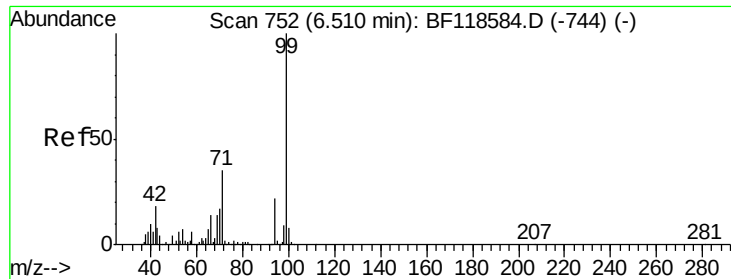
Abundance

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: 92.010 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118736.D

Acq: 29 Jan 2020 17:27

Instrument :

BNA_F

ClientSampled :

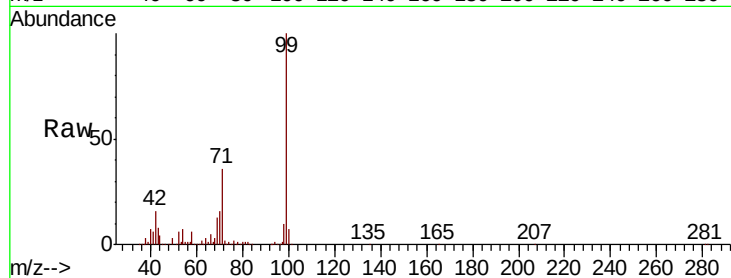
Tot Ion: 99 Resp: 2222238

Ion Ratio Lower Upper

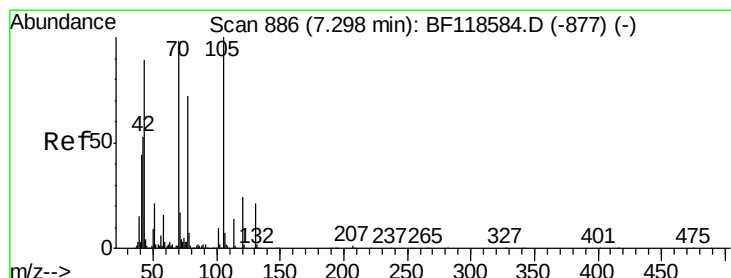
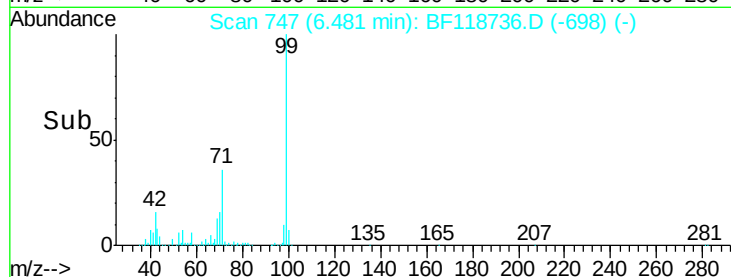
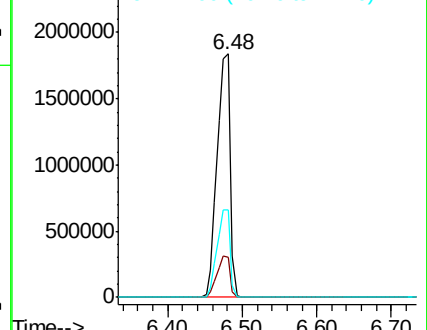
99 100

42 16.4 13.1 19.7

71 35.9 28.4 42.6



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: 14.715 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF118736.D

Acq: 29 Jan 2020 17:27

Tgt Ion: 70 Resp: 239969

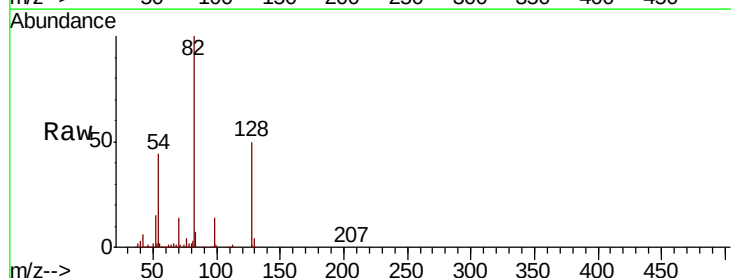
Ion Ratio Lower Upper

70 100

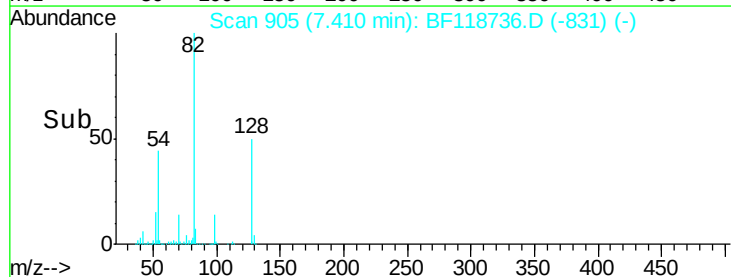
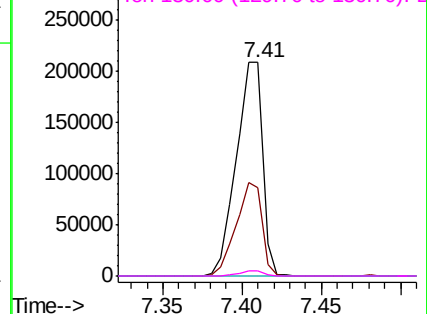
42 41.3 41.6 62.4#

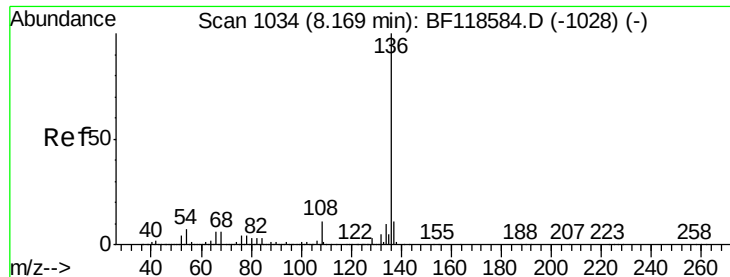
101 0.0 7.9 11.9#

130 2.2 19.0 28.6#



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

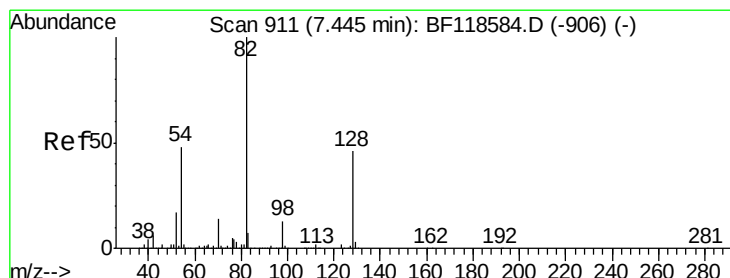
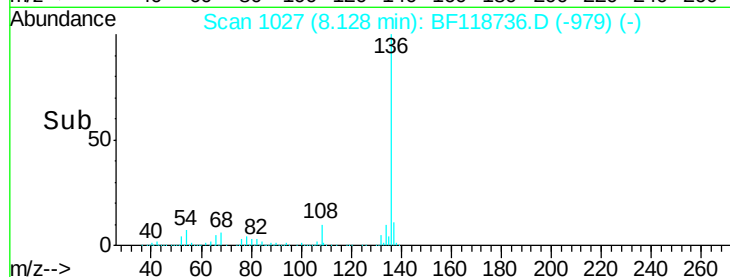
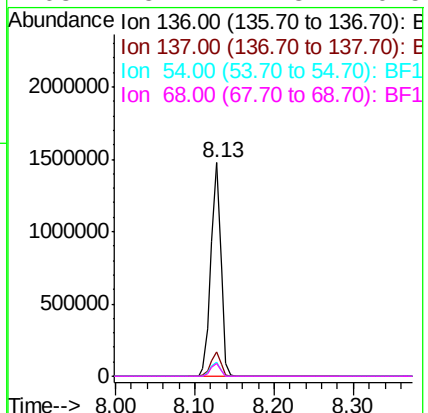
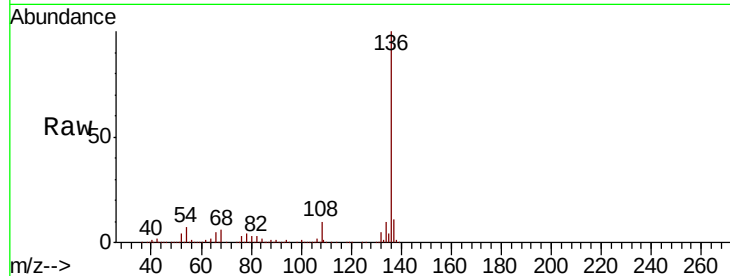




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF118736.D
Acq: 29 Jan 2020 17:27

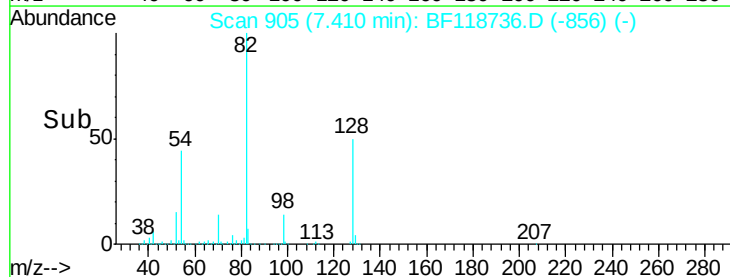
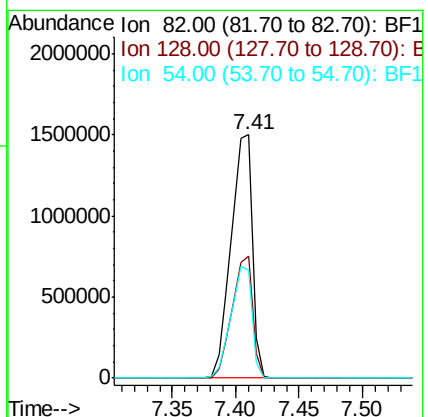
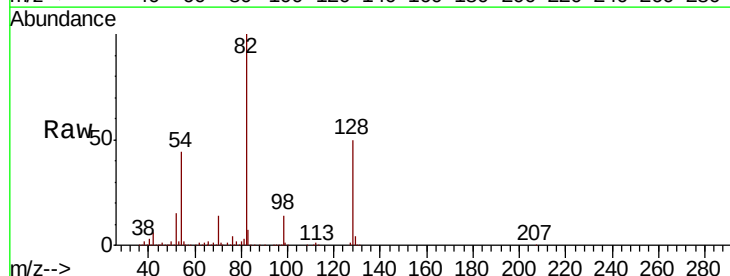
Instrument :
BNA_F
ClientSampleId :

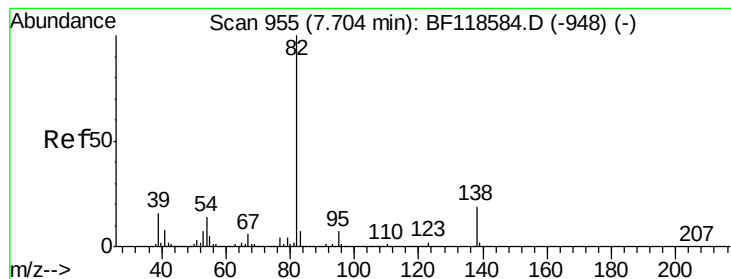
Tot Ion:136	Resp: 1290588
Ion Ratio	Lower Upper
136 100	
137 11.4	8.9 13.3
54 6.6	5.1 7.7
68 5.7	4.3 6.5



#23
Nitrobenzene-d5
Concen: 75.112 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118736.D
Acq: 29 Jan 2020 17:27

Tgt Ion: 82	Resp: 1733094
Ion Ratio	Lower Upper
82 100	
128 50.3	38.2 57.2
54 44.3	36.1 54.1





#25

Isophorone

Concen: 41.070 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF118736.D

Acq: 29 Jan 2020 17:27

Instrument :

BNA_F

ClientSampleId :

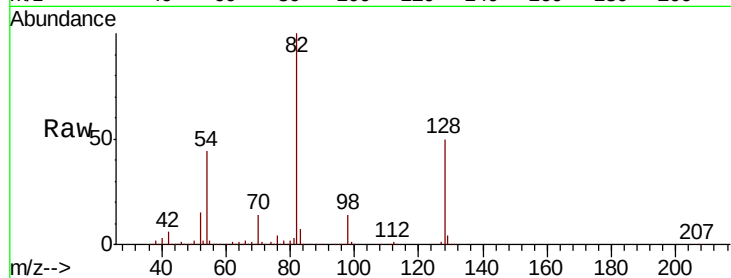
Tot Ion: 82 Resp: 1728446

Ion Ratio Lower Upper

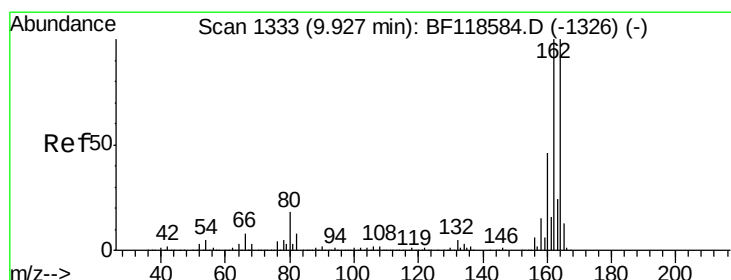
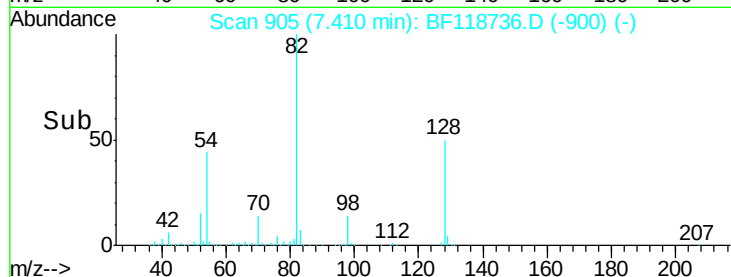
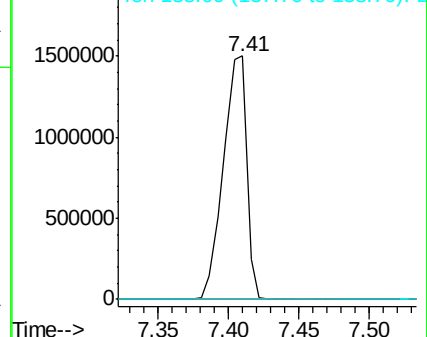
82 100

95 0.0 5.8 8.8#

138 0.0 15.8 23.8#



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: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF118736.D

Acq: 29 Jan 2020 17:27

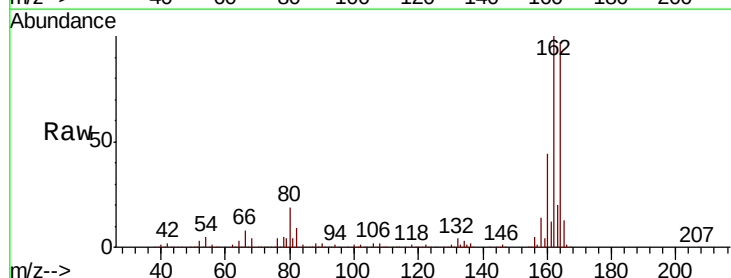
Tgt Ion: 164 Resp: 736361

Ion Ratio Lower Upper

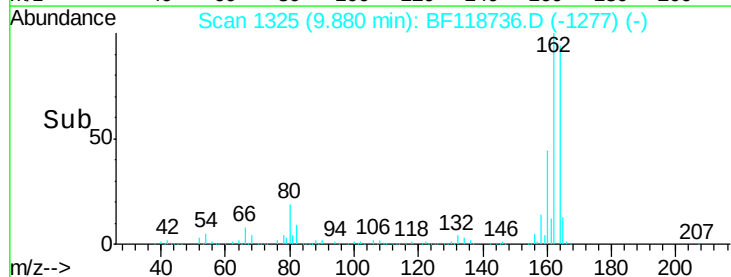
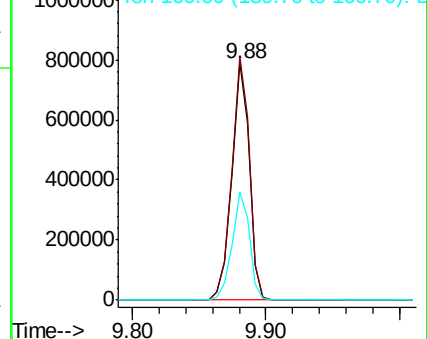
164 100

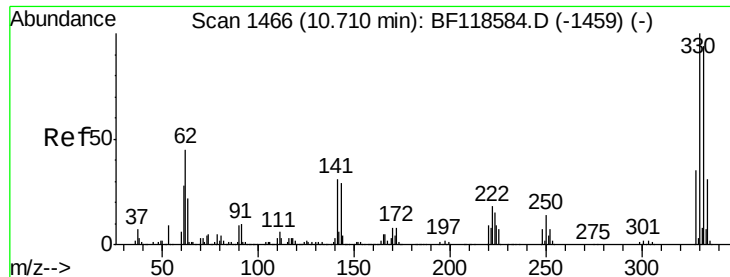
162 102.9 80.8 121.2

160 45.4 35.4 53.0



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: 126.062 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF118736.D

Acq: 29 Jan 2020 17:27

Instrument :

BNA_F

ClientSampleId :

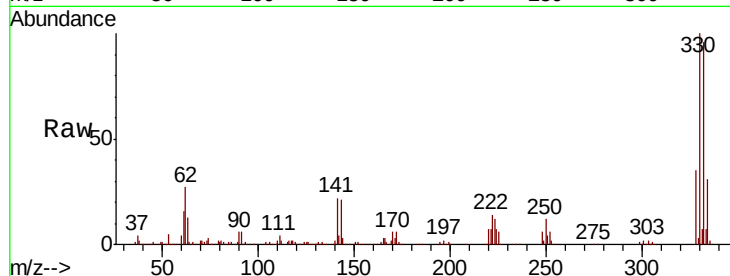
Tot Ion:330 Resp: 1073662

Ion Ratio Lower Upper

330 100

332 96.0 77.6 116.4

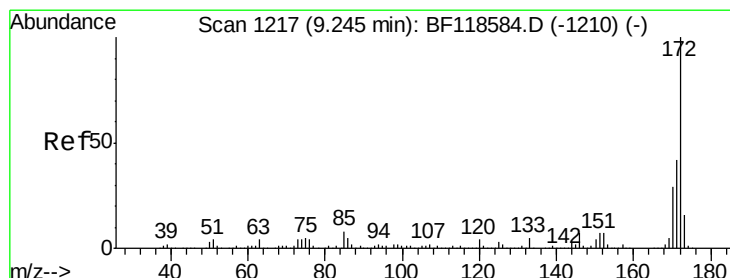
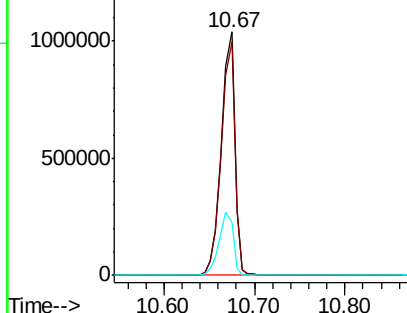
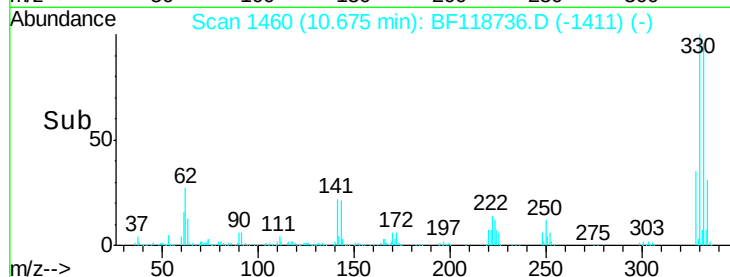
141 26.9 22.2 33.2



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: 74.989 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.02 min

Lab File: BF118736.D

Acq: 29 Jan 2020 17:27

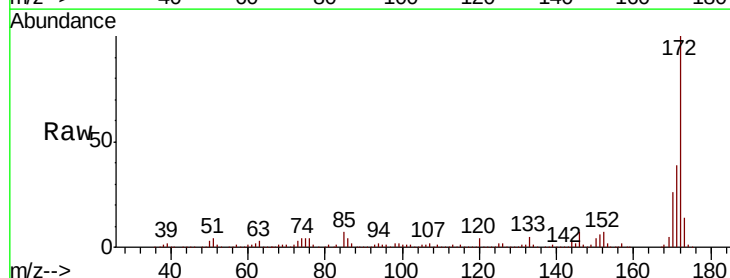
Tgt Ion:172 Resp: 3359597

Ion Ratio Lower Upper

172 100

171 38.6 31.0 46.4

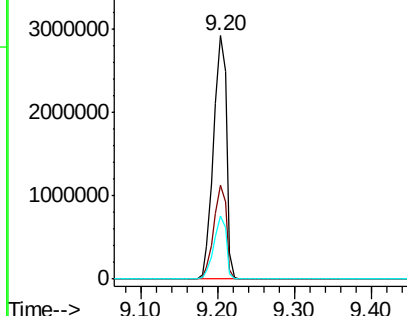
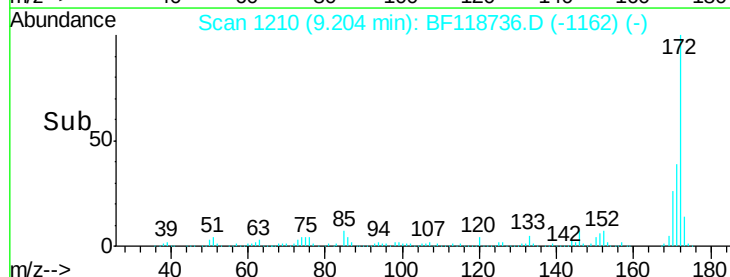
170 25.8 20.7 31.1

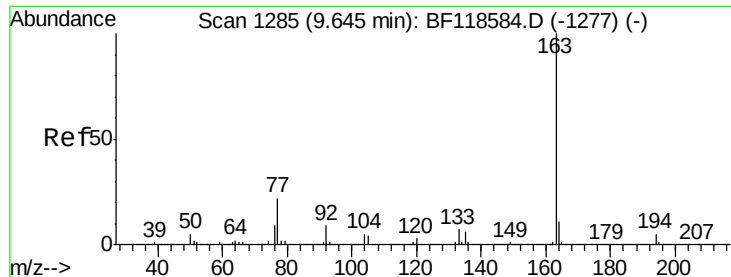


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.501 ng

RT: 9.59 min Scan# 1276

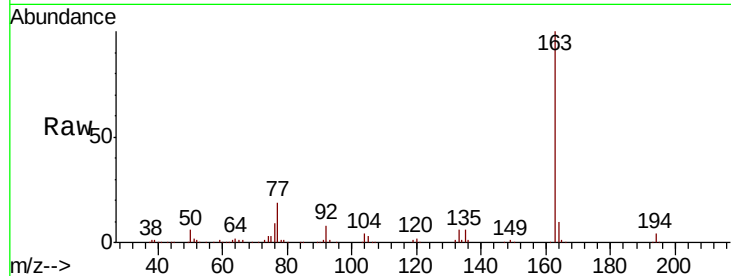
Delta R.T. -0.03 min

Lab File: BF118736.D

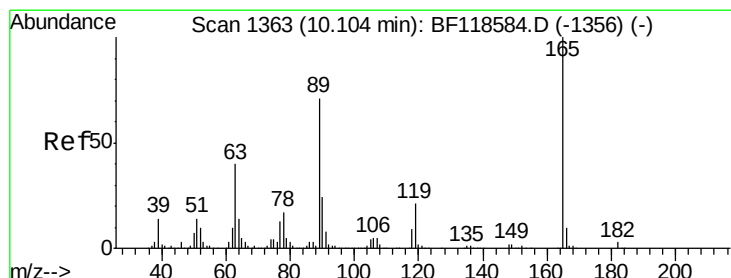
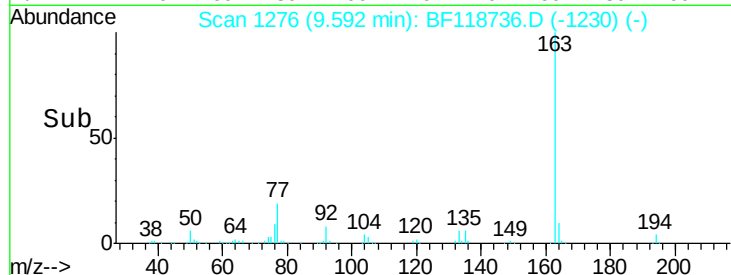
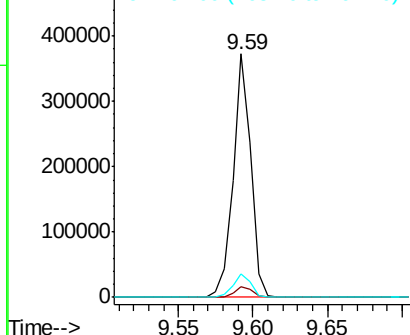
Acq: 29 Jan 2020 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163	Resp:	311868
Ion Ratio	Lower	Upper
163	100	
194	4.2	3.7 5.5
164	9.8	8.2 12.2



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: 7.130 ng

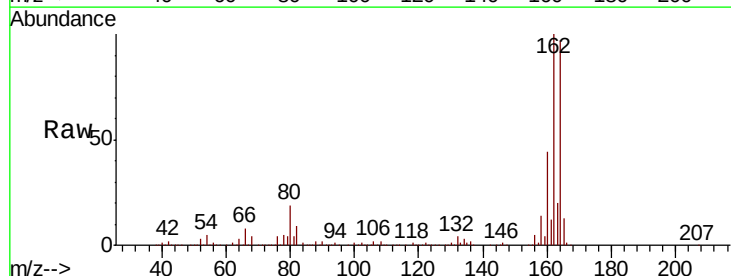
RT: 9.88 min Scan# 1325

Delta R.T. -0.20 min

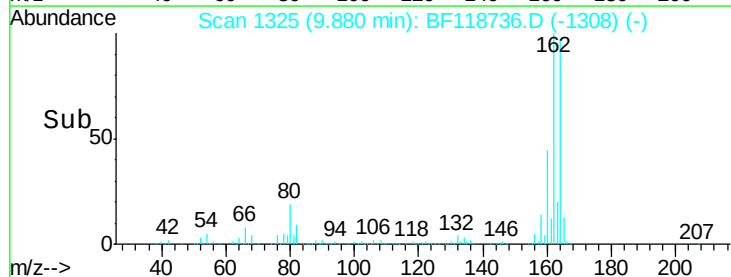
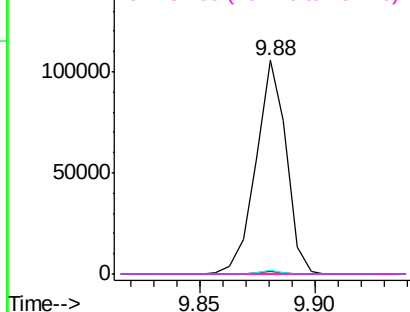
Lab File: BF118736.D

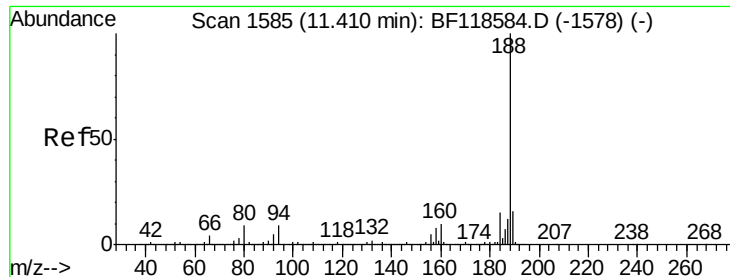
Acq: 29 Jan 2020 17:27

Tgt Ion:165	Resp:	96556
Ion Ratio	Lower	Upper
165	100	
63	1.1	28.5 42.7#
89	1.6	50.4 75.6#
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: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF118736.D

Acq: 29 Jan 2020 17:27

Instrument :

BNA_F

ClientSampleId :

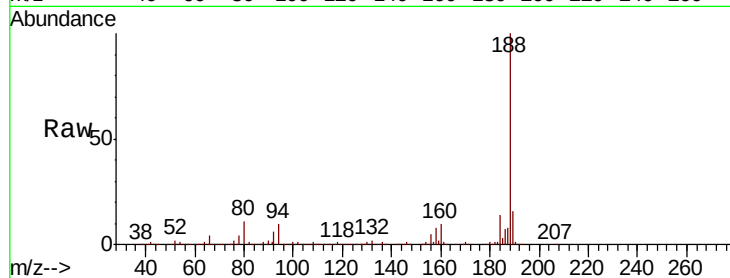
Tot Ion:188 Resp: 1393134

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.4	11.2
80	10.8	7.8	11.8

188 100

94 10.2 7.4 11.2

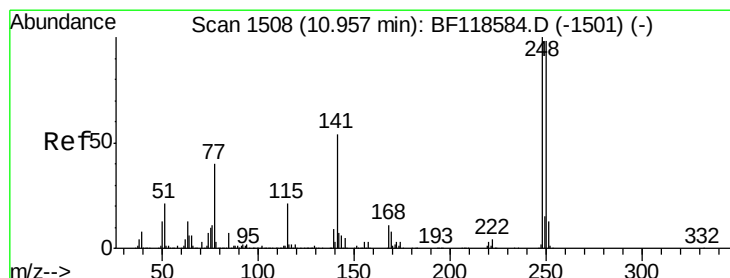
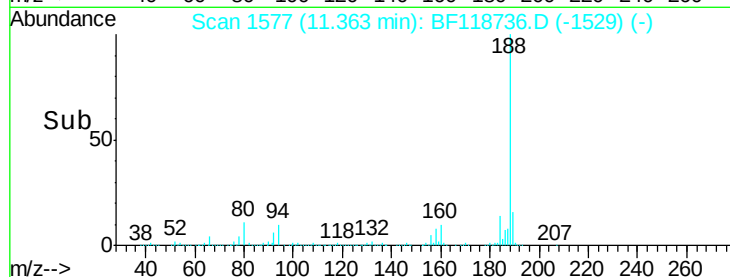
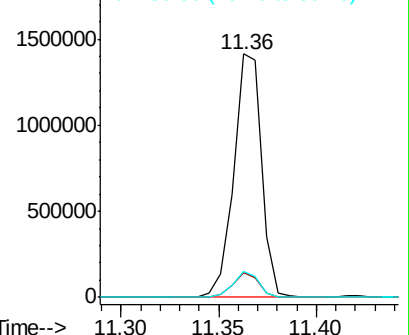
80 10.8 7.8 11.8



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: 4.065 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.26 min

Lab File: BF118736.D

Acq: 29 Jan 2020 17:27

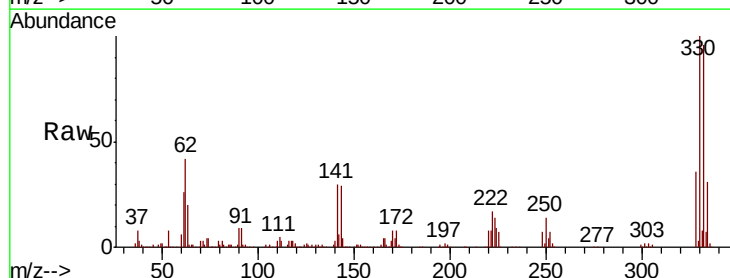
Tgt Ion:248 Resp: 69958

Ion	Ratio	Lower	Upper
248	100		
250	191.3	78.7	118.1#
141	417.9	48.4	72.6#

248 100

250 191.3 78.7 118.1#

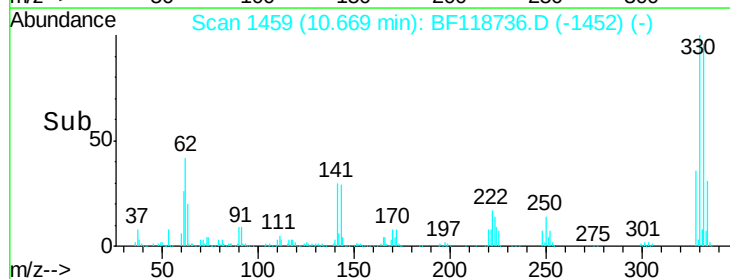
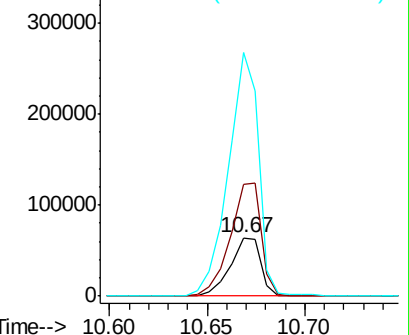
141 417.9 48.4 72.6#

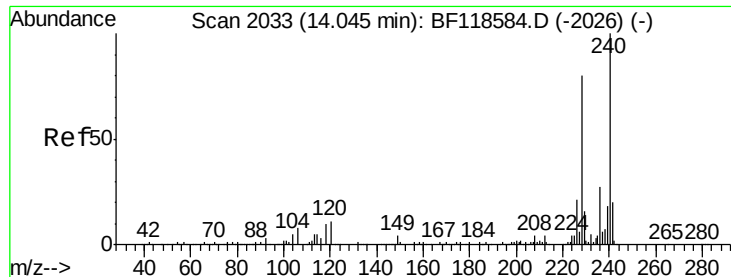


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

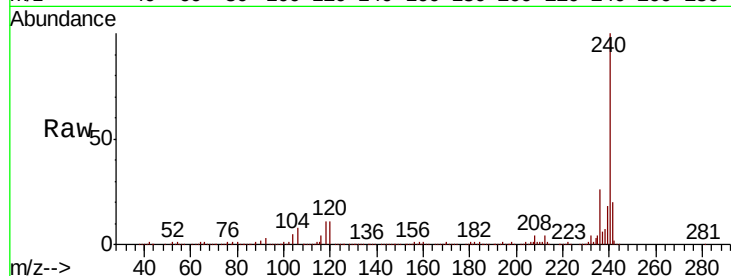




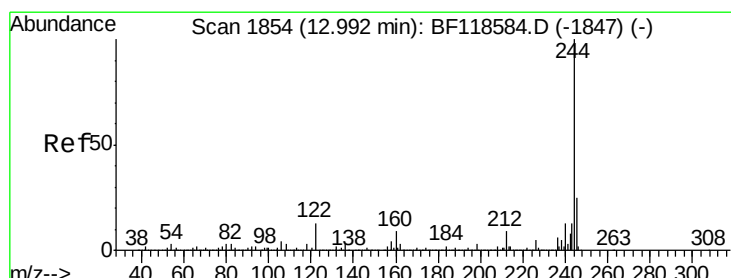
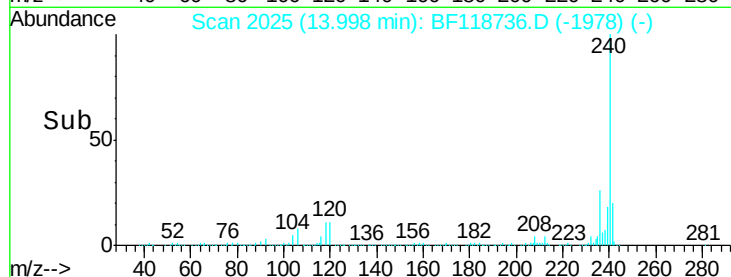
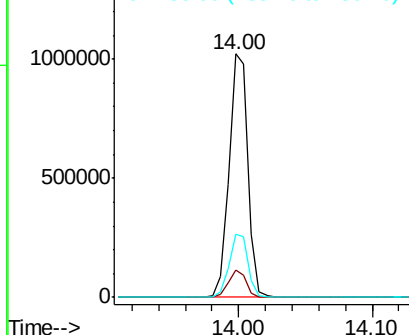
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF118736.D
Acq: 29 Jan 2020 17:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 1015462
Ion Ratio Lower Upper
240 100
120 11.5 7.6 11.4#
236 26.1 21.0 31.4

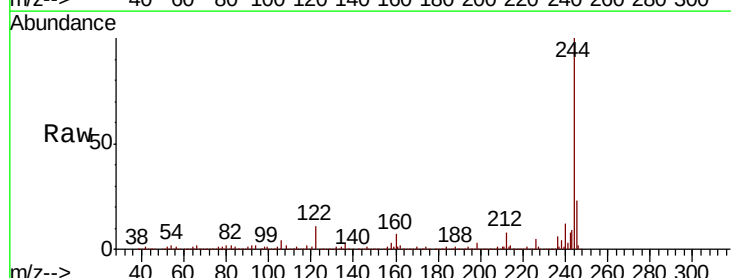


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

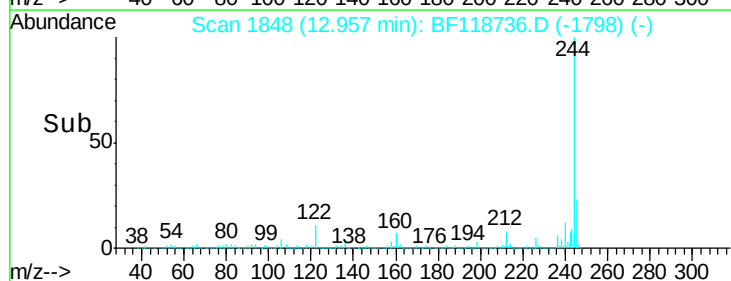
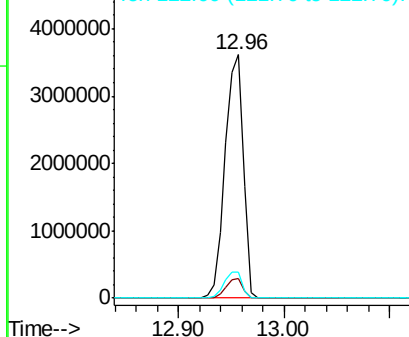


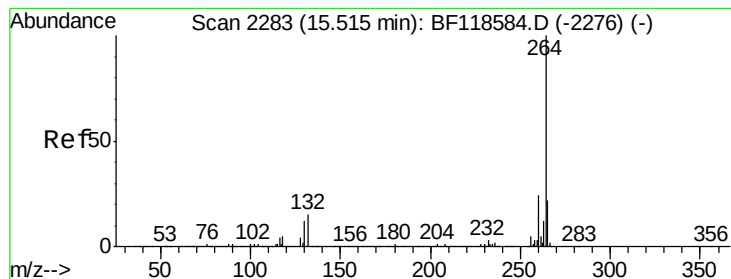
#79
Terphenyl-d14
Concen: 92.964 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF118736.D
Acq: 29 Jan 2020 17:27

Tgt Ion:244 Resp: 4328160
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 10.7 9.2 13.8



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

Pervlone-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.02 min

Lab File: BF118736.D

Acq: 29 Jan 2020 17:27

Instrument :

BNA_F

ClientSampleId :

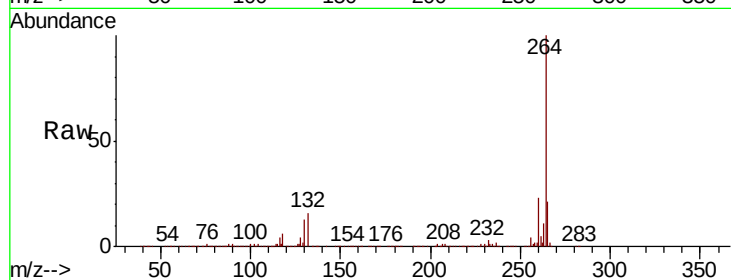
Tot Ion:264 Resp: 927137

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.3 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E

1000000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

