

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
 Data File : BF118241.D
 Acq On : 17 Dec 2019 22:12
 Operator : JU
 Sample : K6324-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 05:06:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

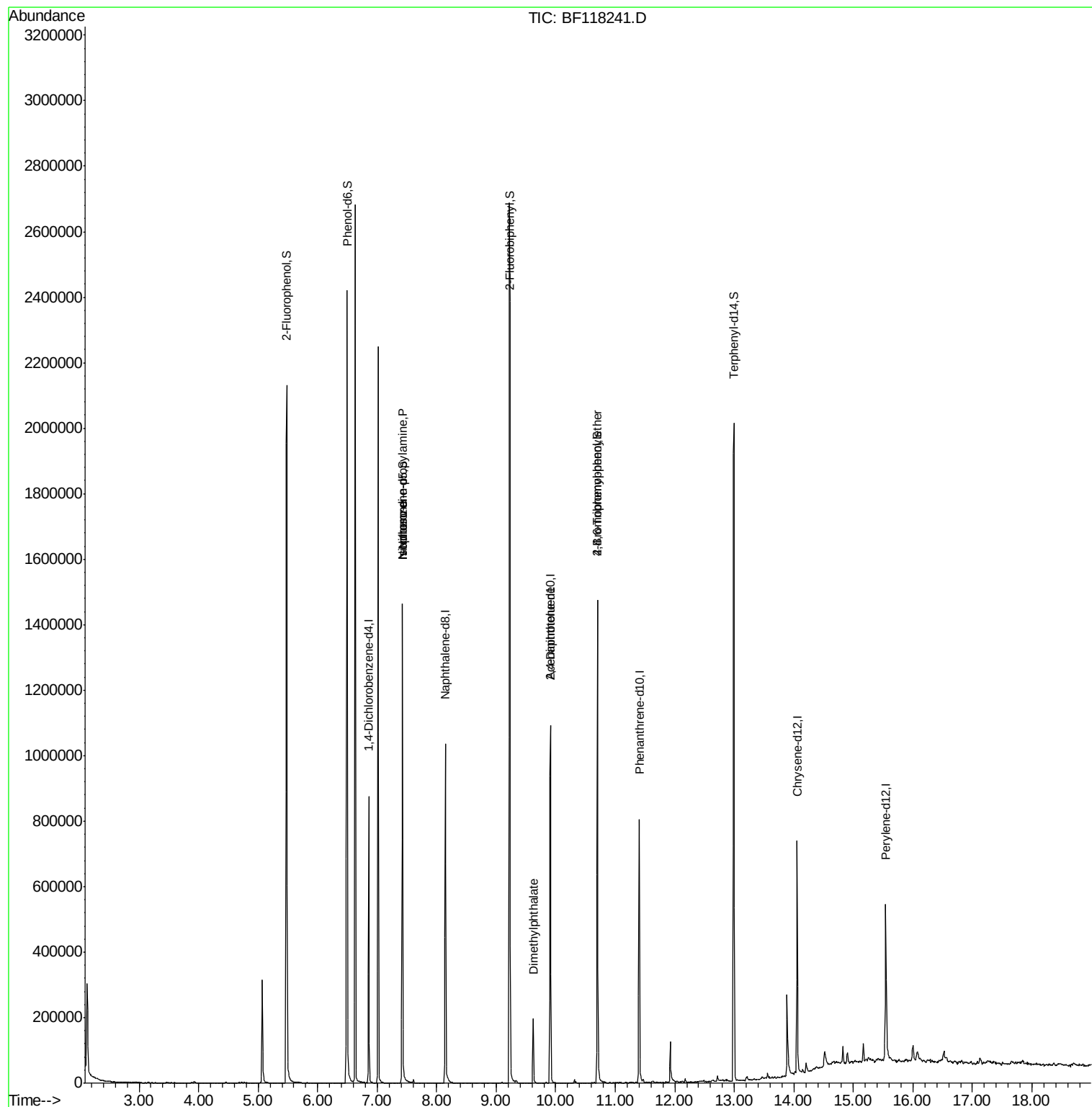
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125105	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	474689	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	225570	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	349784	20.00	ng	0.00
76) Chrysene-d12	14.06	240	260460	20.00	ng	-0.01
87) Perylene-d12	15.54	264	214893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	652132	91.30	ng	0.00
7) Phenol-d6	6.49	99	814947	94.33	ng	0.00
23) Nitrobenzene-d5	7.42	82	480244	56.92	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	201125	73.40	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	856980	57.81	ng	-0.02
79) Terphenyl-d14	12.99	244	726558	47.97	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.49	77	1356	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	65018	12.385	ng	# 1
25) Isophorone	7.42	82	480240	33.574	ng	# 76
50) Dimethylphthalate	9.62	163	97701	5.864	ng	# 62
57) 2,4-Dinitrotoluene	9.91	165	28110	5.813	ng	# 100
67) 4-Bromophenyl-phenylether	10.70	248	11650	2.918	ng	# 26
						# 1

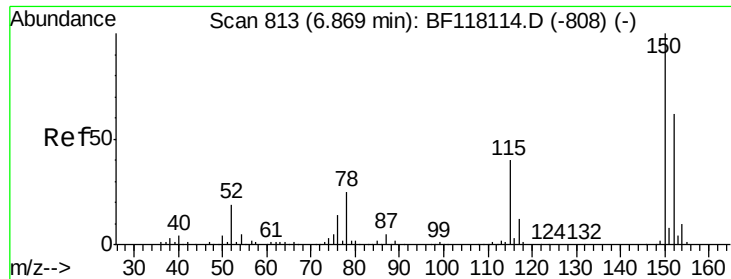
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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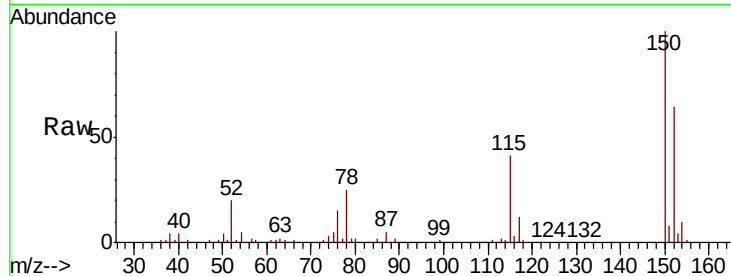


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF118241.D
 Acq: 17 Dec 2019 22:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	128.3	192.5
115	63.7	51.1	76.7

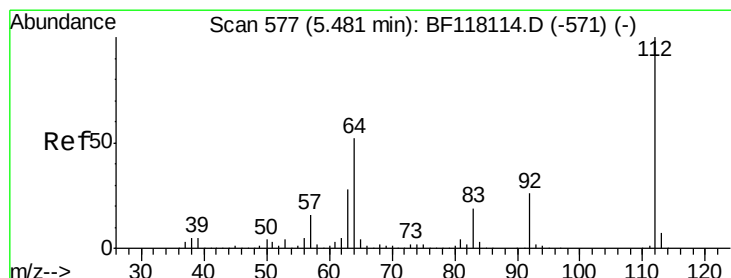
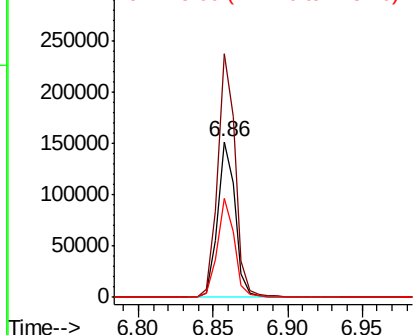
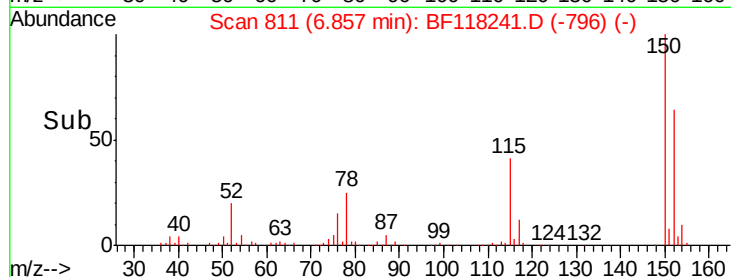


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

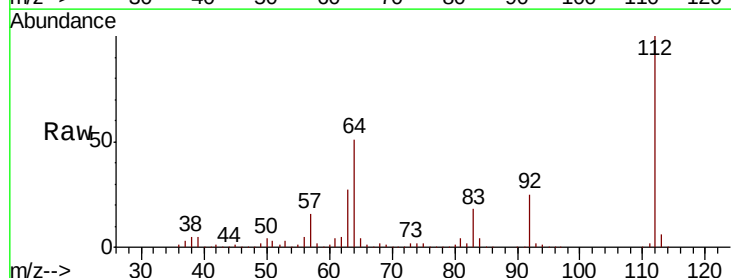
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 91.298 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF118241.D
 Acq: 17 Dec 2019 22:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.9	41.3	61.9
63	27.3	22.4	33.6

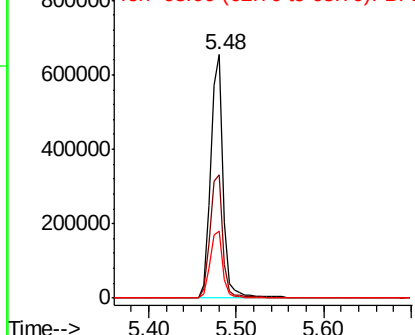
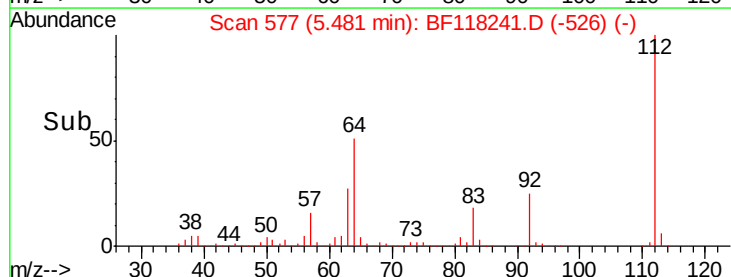


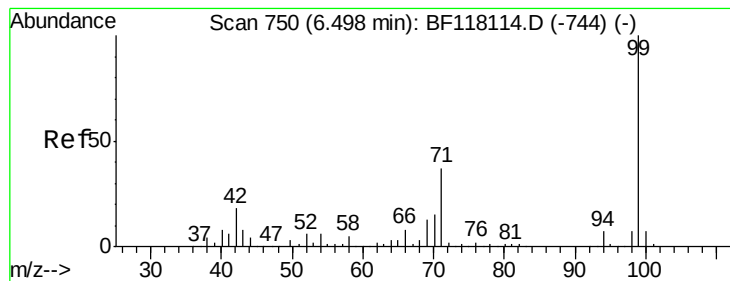
Abundance

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: 94.328 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118241.D

Acq: 17 Dec 2019 22:12

Instrument :

BNA_F

ClientSampled :

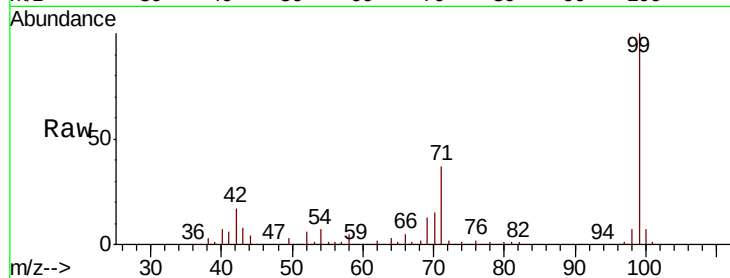
Tot Ion: 99 Resp: 814947

Ion Ratio Lower Upper

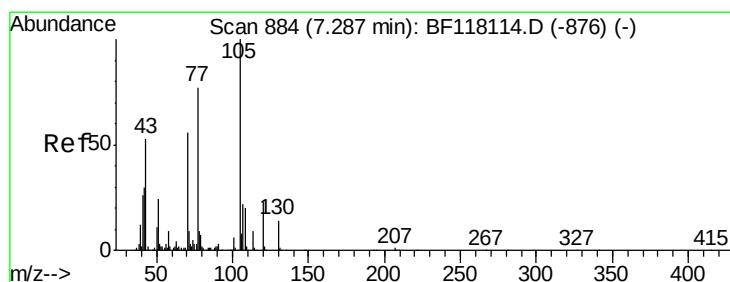
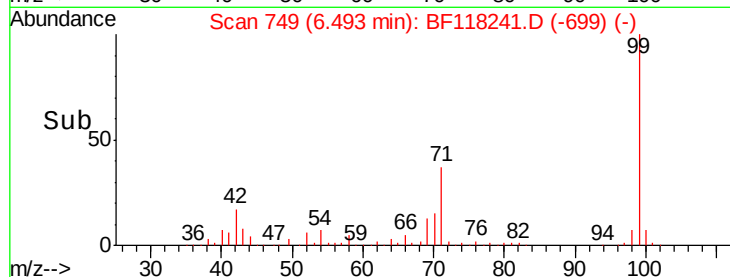
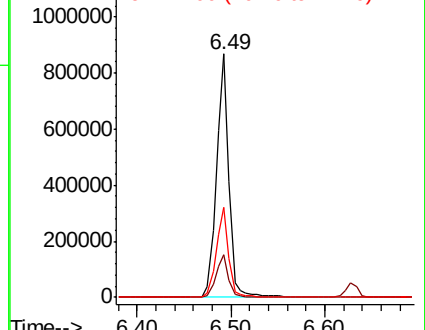
99 100

42 17.4 14.1 21.1

71 37.2 29.7 44.5



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: 12.385 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.14 min

Lab File: BF118241.D

Acq: 17 Dec 2019 22:12

Tgt Ion: 70 Resp: 65018

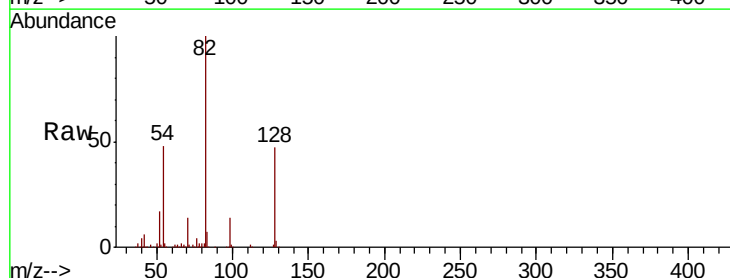
Ion Ratio Lower Upper

70 100

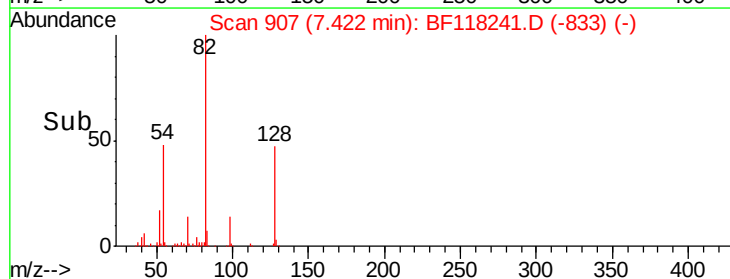
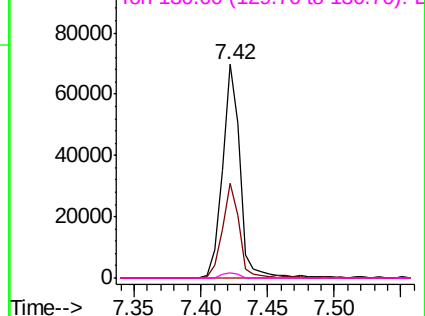
42 44.6 43.2 64.8

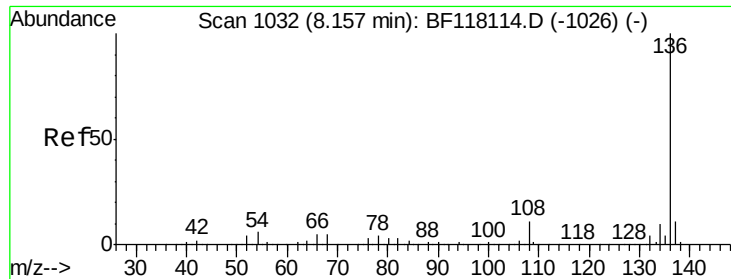
101 0.0 8.1 12.1#

130 2.2 19.8 29.8#



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): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118241.D

Acq: 17 Dec 2019 22:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 474689

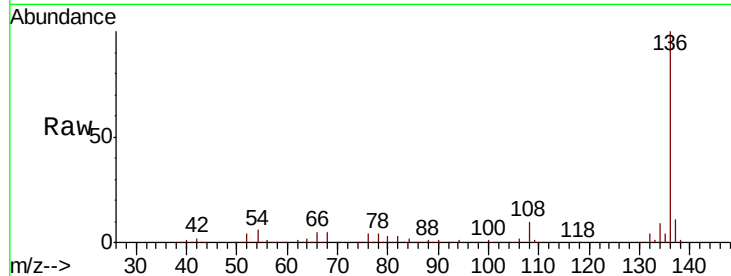
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 6.4 5.0 7.6

68 4.7 3.8 5.8

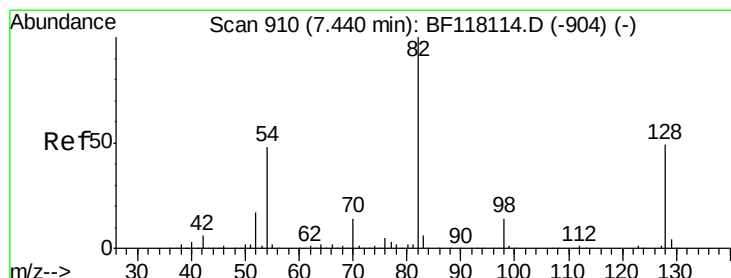
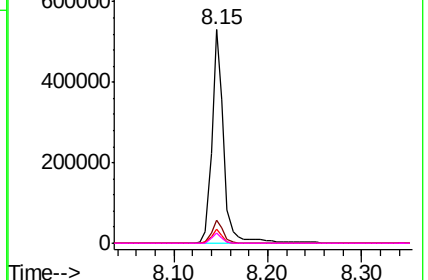
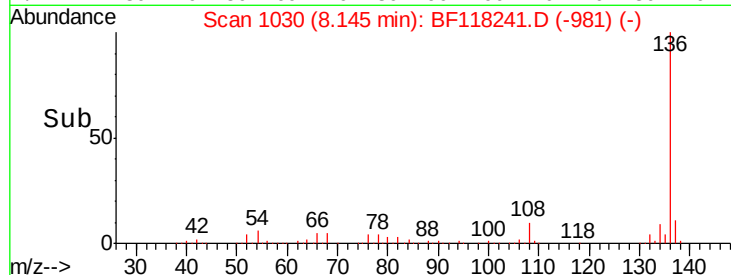


Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.916 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118241.D

Acq: 17 Dec 2019 22:12

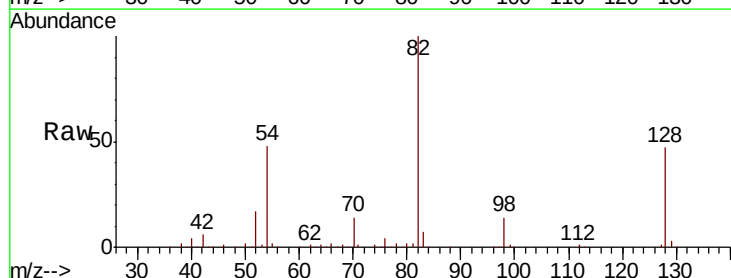
Tgt Ion: 82 Resp: 480244

Ion Ratio Lower Upper

82 100

128 47.1 39.1 58.7

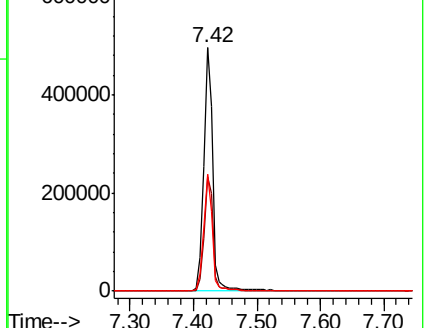
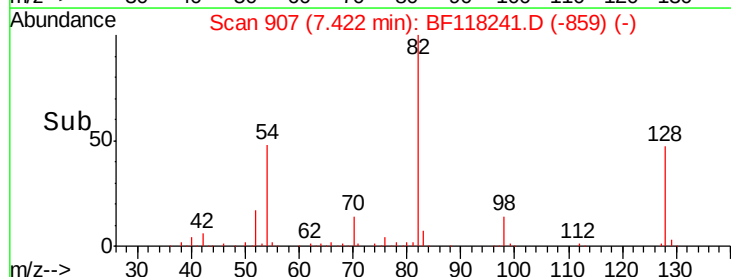
54 47.9 38.2 57.2

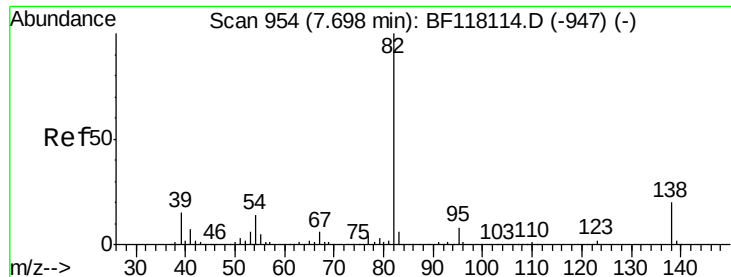


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.574 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF118241.D

Acq: 17 Dec 2019 22:12

Instrument :

BNA_F

ClientSampleId :

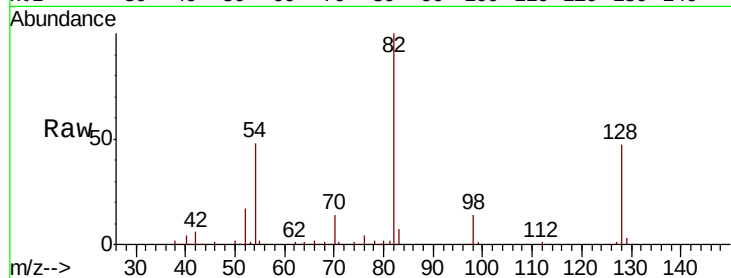
Tot Ion: 82 Resp: 480240

Ion Ratio Lower Upper

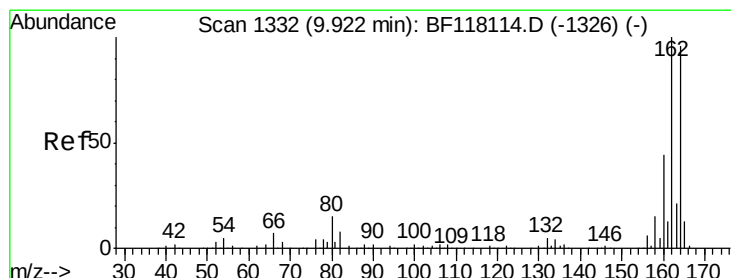
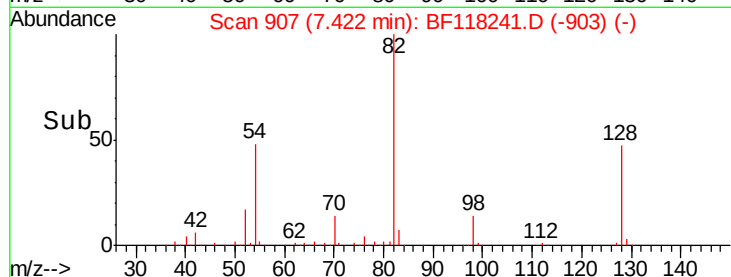
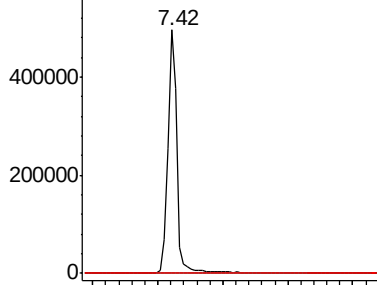
82 100

95 0.0 6.3 9.5#

138 0.0 16.3 24.5#



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): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118241.D

Acq: 17 Dec 2019 22:12

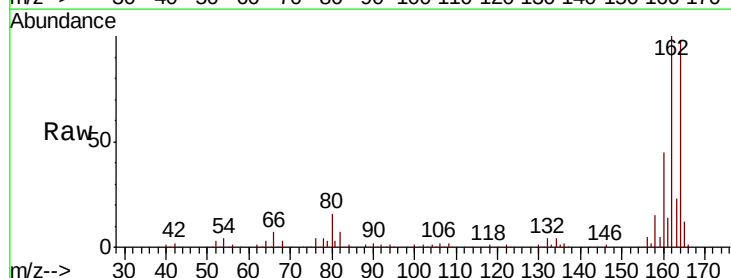
Tgt Ion: 164 Resp: 225570

Ion Ratio Lower Upper

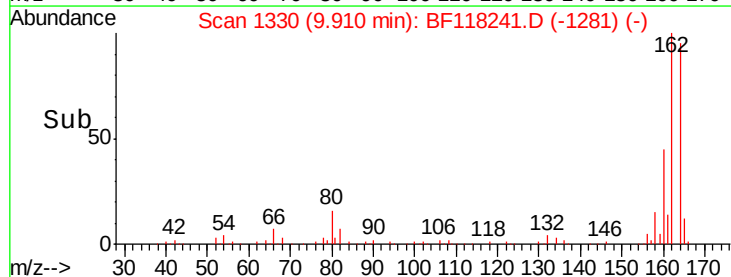
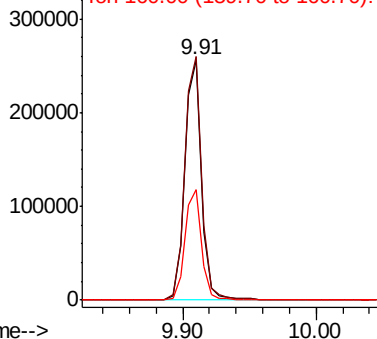
164 100

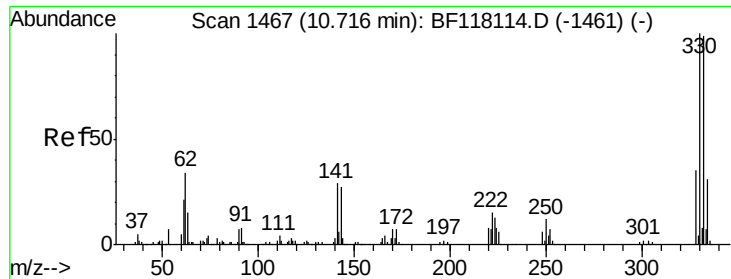
162 101.6 83.4 125.0

160 45.9 36.6 54.8



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: 73.396 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118241.D

Acq: 17 Dec 2019 22:12

Instrument :

BNA_F

ClientSampleId :

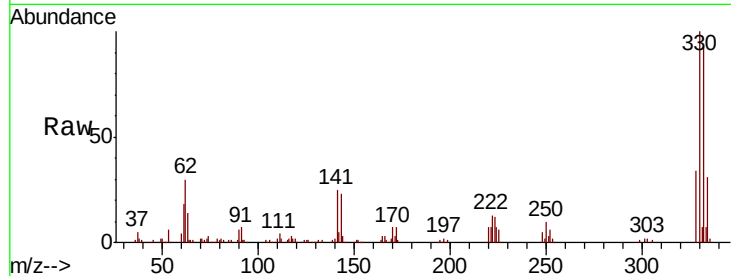
Tot Ion:330 Resp: 201125

Ion Ratio Lower Upper

330 100

332 95.6 78.1 117.1

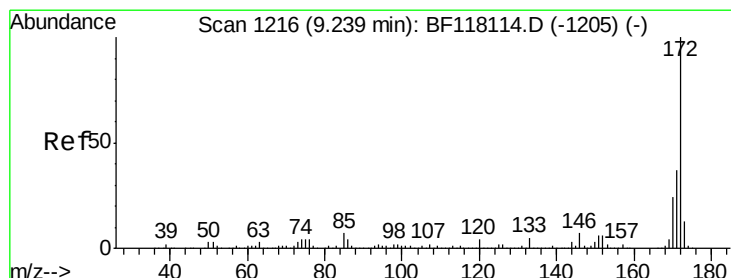
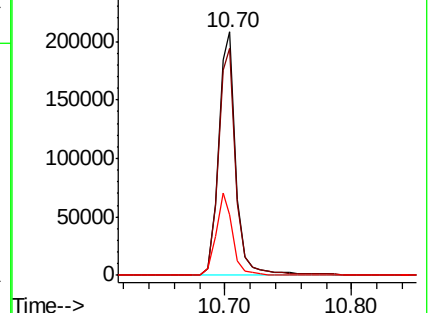
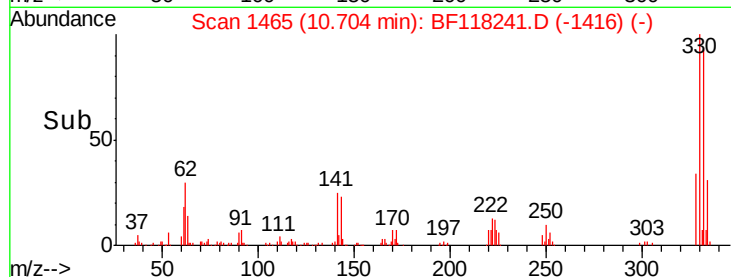
141 32.6 26.9 40.3



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: 57.810 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BF118241.D

Acq: 17 Dec 2019 22:12

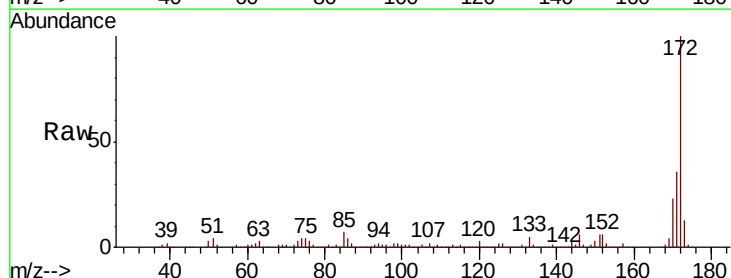
Tgt Ion:172 Resp: 856980

Ion Ratio Lower Upper

172 100

171 35.9 29.2 43.8

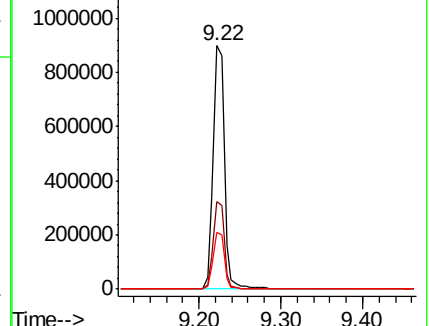
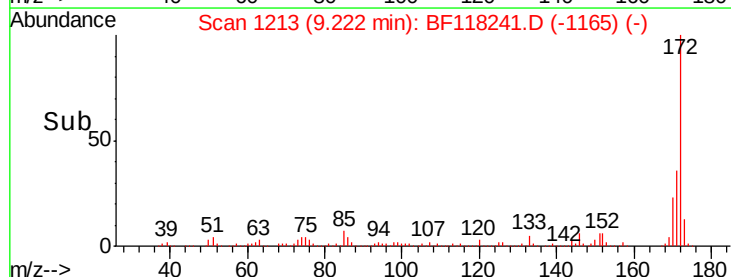
170 23.4 19.4 29.2

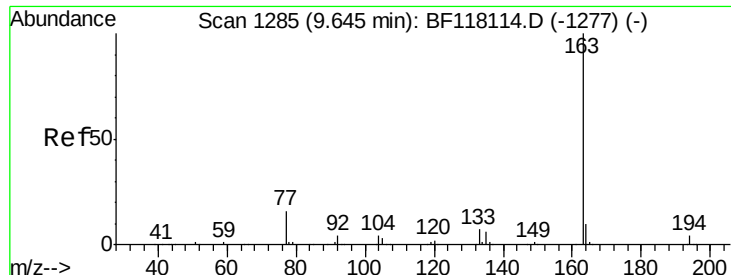


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

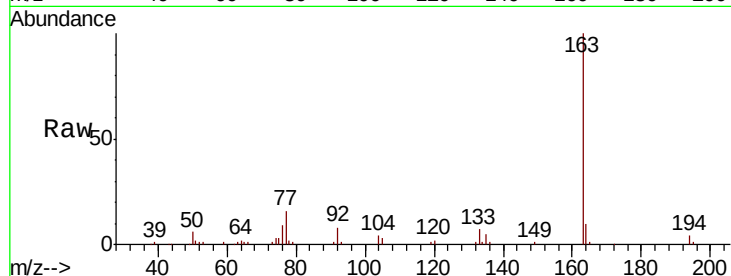




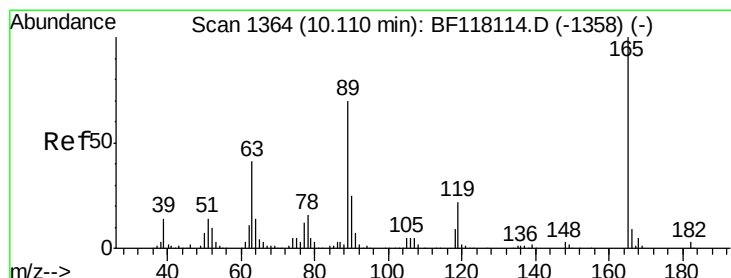
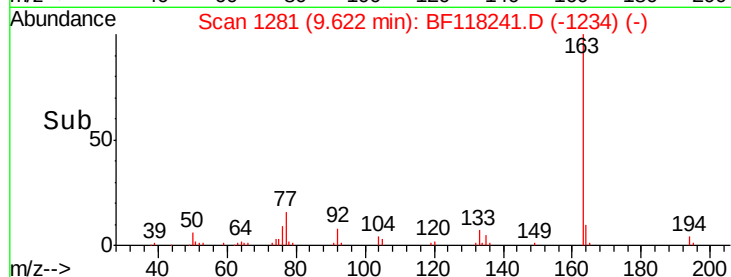
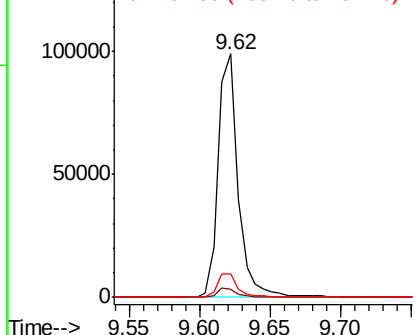
#50
Dimethylphthalate
Concen: 5.864 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118241.D
Acq: 17 Dec 2019 22:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 97701
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 9.6 7.7 11.5

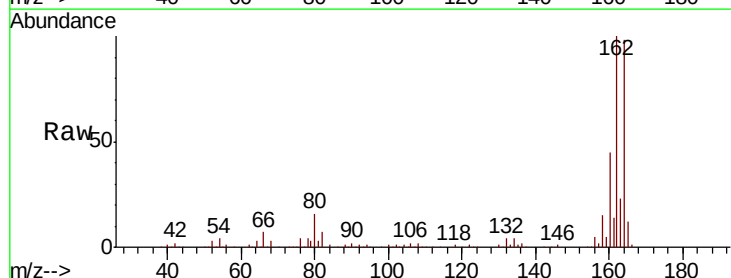


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

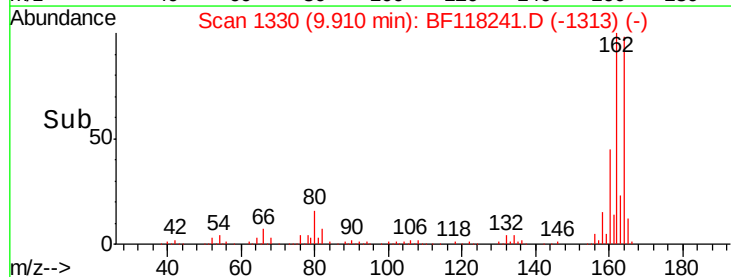
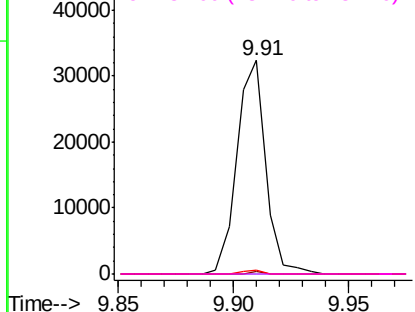


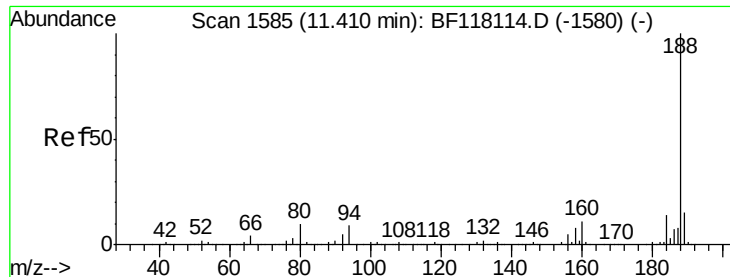
#57
2,4-Dinitrotoluene
Concen: 5.813 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF118241.D
Acq: 17 Dec 2019 22:12

Tgt Ion:165 Resp: 28110
Ion Ratio Lower Upper
165 100
63 1.3 32.6 49.0#
89 1.7 56.1 84.1#
182 0.0 2.1 3.1#



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

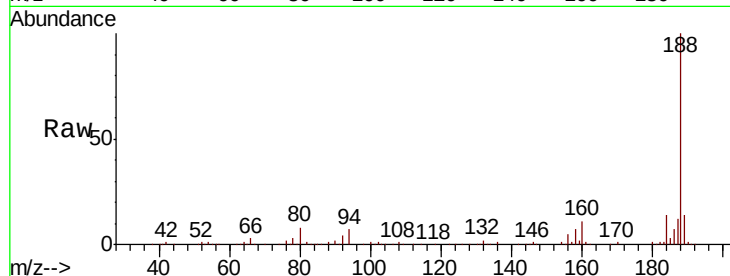




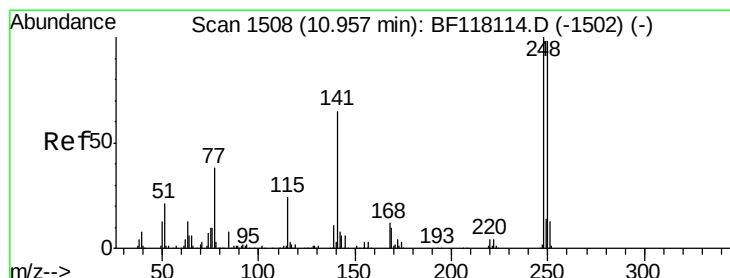
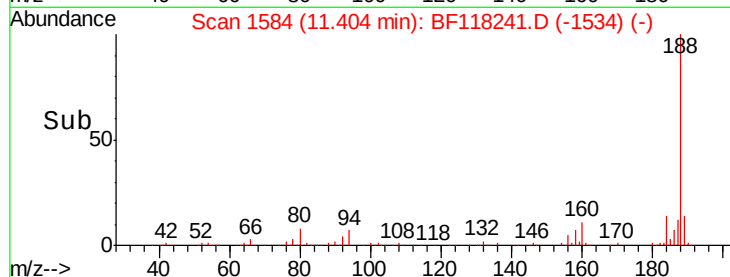
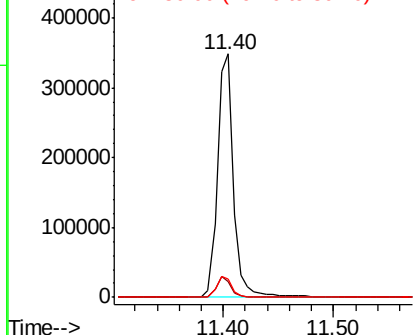
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118241.D
Acq: 17 Dec 2019 22:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 349784
Ion Ratio Lower Upper
188 100
94 6.7 7.1 10.7#
80 7.8 7.9 11.9#

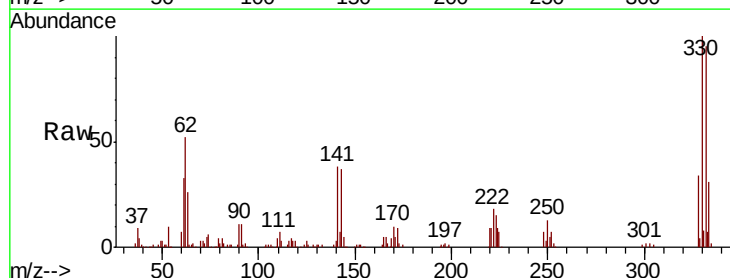


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

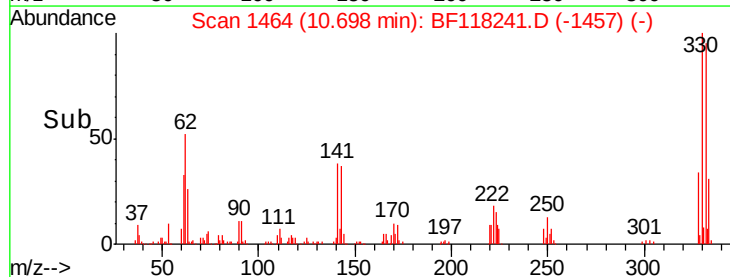
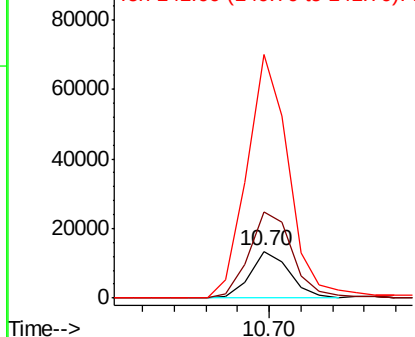


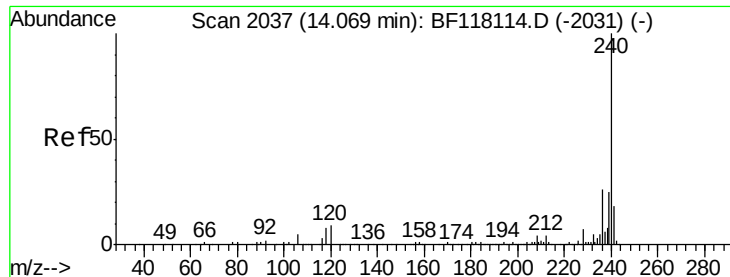
#67
4-Bromophenyl-phenylether
Concen: 2.918 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF118241.D
Acq: 17 Dec 2019 22:12

Tgt Ion:248 Resp: 11650
Ion Ratio Lower Upper
248 100
250 184.1 78.3 117.5#
141 520.8 52.2 78.4#



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

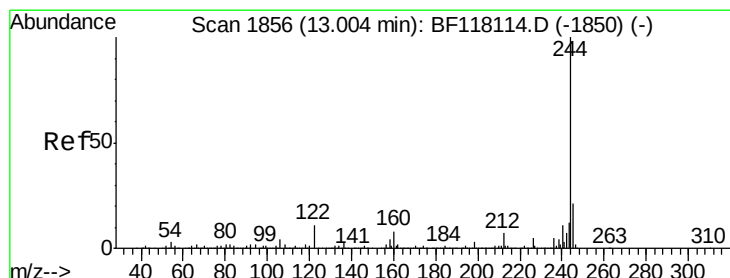
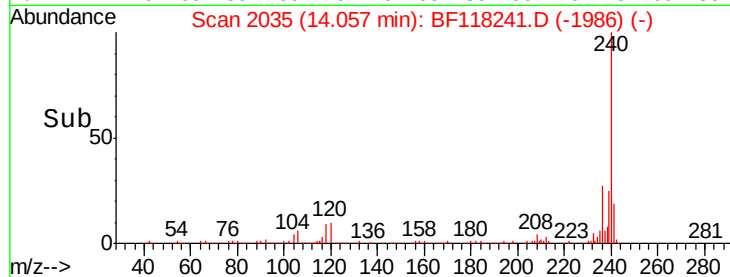
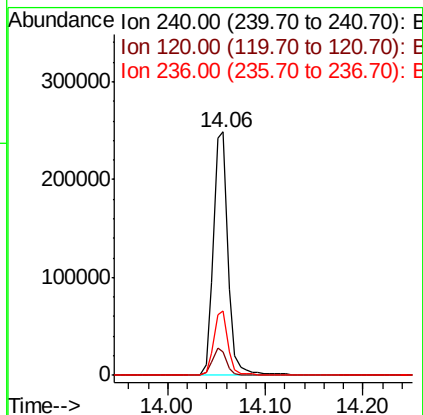
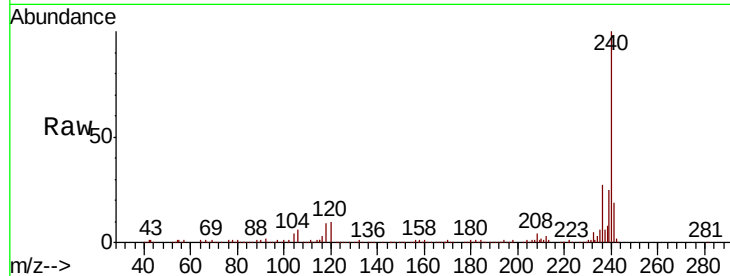




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118241.D
Acq: 17 Dec 2019 22:12

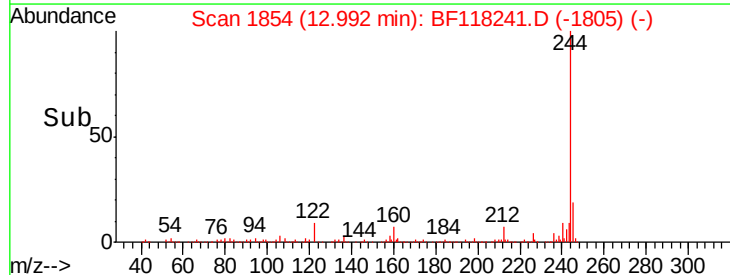
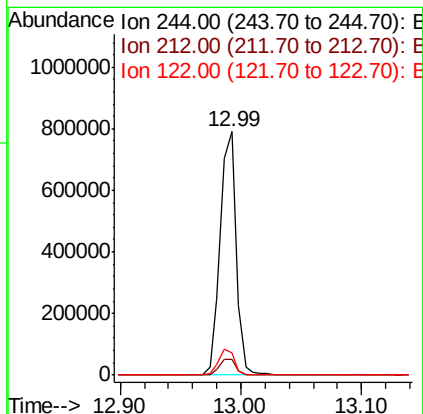
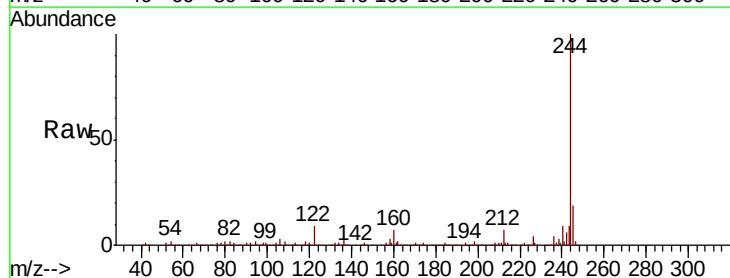
Instrument :
BNA_F
ClientSampleId :

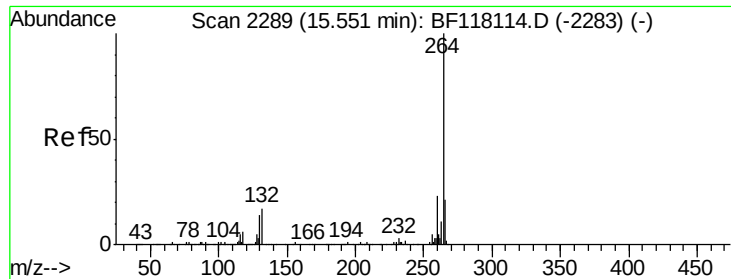
Tot Ion:240 Resp: 260460
Ion Ratio Lower Upper
240 100
120 9.6 7.1 10.7
236 26.5 21.0 31.6



#79
Terphenyl-d14
Concen: 47.969 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF118241.D
Acq: 17 Dec 2019 22:12

Tgt Ion:244 Resp: 726558
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 9.0 9.0 13.6#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118241.D
Acq: 17 Dec 2019 22:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	28.0
265	21.7	16.8	25.2

