

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120308.D
 Acq On : 14 May 2020 23:18
 Operator : MA/SJ
 Sample : L2635-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 15 02:43:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

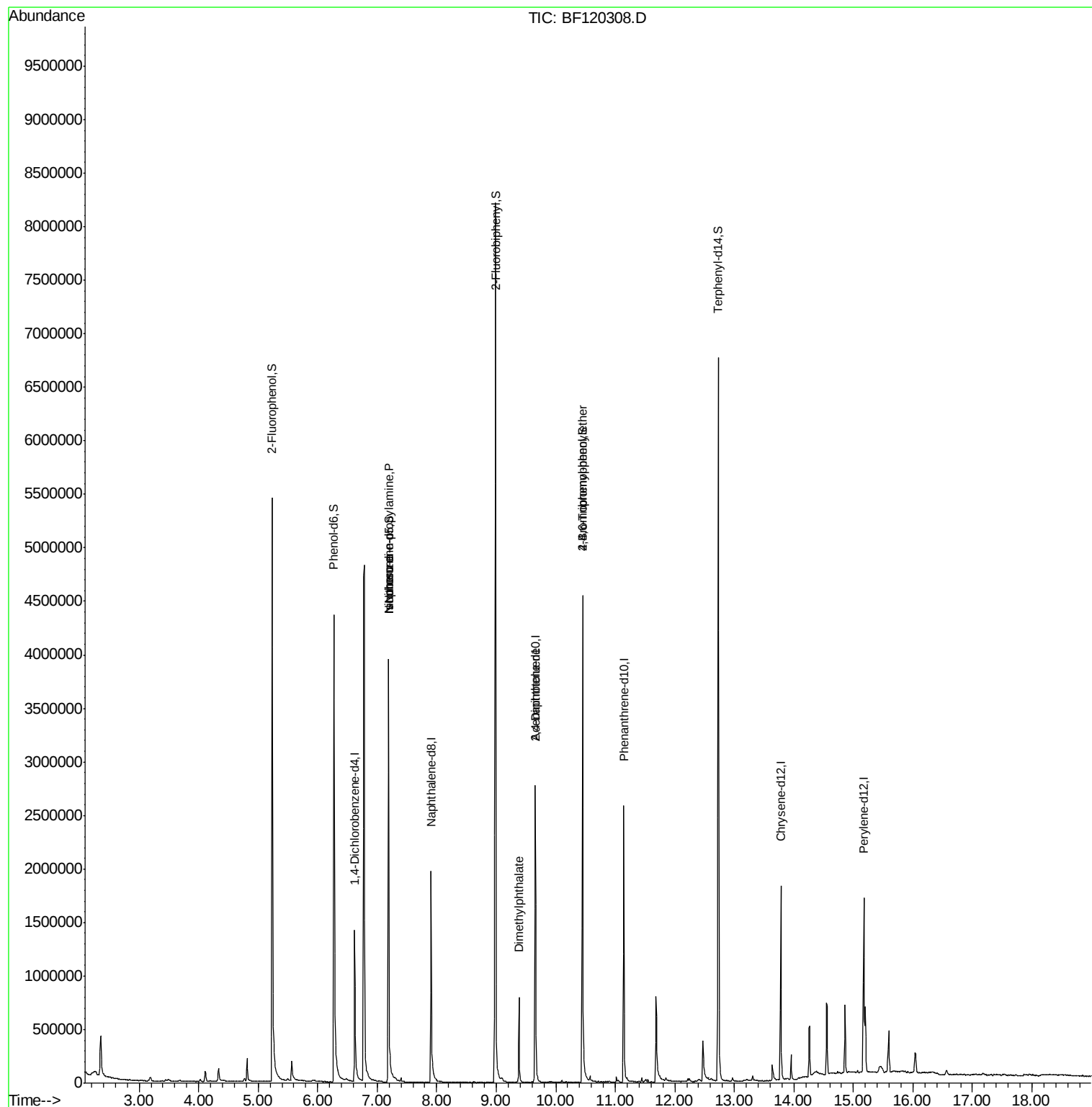
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	292659	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1188675	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	596129	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	1085079	20.00	ng	0.00
76) Chrysene-d12	13.78	240	708365	20.00	ng	0.00
87) Perylene-d12	15.17	264	762658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1827061	121.47	ng	0.00
7) Phenol-d6	6.27	99	2044078	107.46	ng	0.00
23) Nitrobenzene-d5	7.19	82	1574588	90.69	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	640197	131.71	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2999903	103.39	ng	0.00
79) Terphenyl-d14	12.73	244	2770999	86.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	198649	15.941	ng	# 79
25) Isophorone	7.19	82	1574578	43.588	ng	# 65
50) Dimethylphthalate	9.38	163	327632	8.694	ng	100
57) 2,4-Dinitrotoluene	9.66	165	75766	7.679	ng	# 16
67) 4-Bromophenyl-phenylether	10.45	248	38489	3.655	ng	# 1

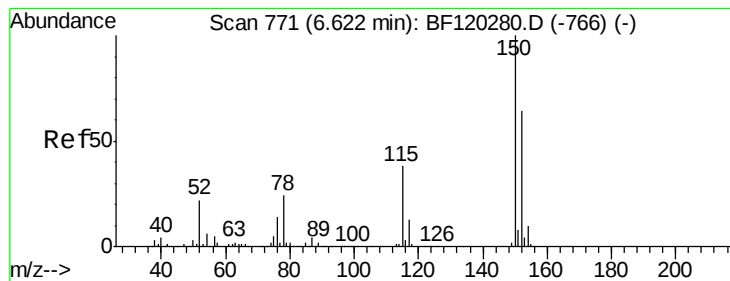
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
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Misc :
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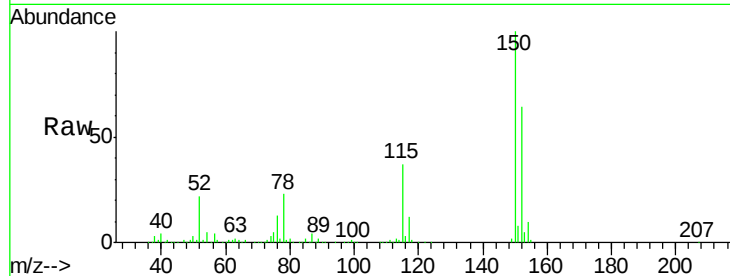


#1

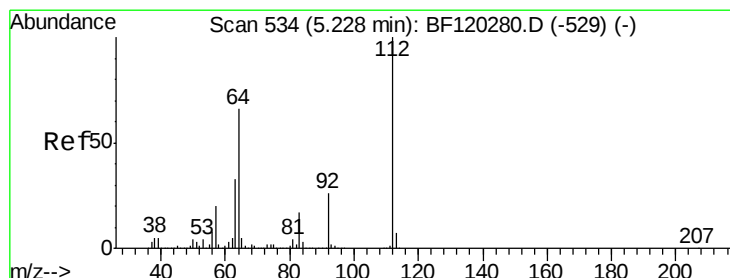
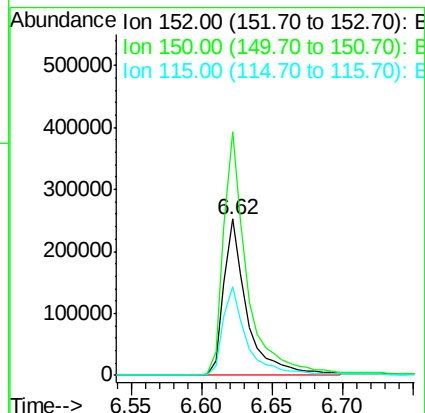
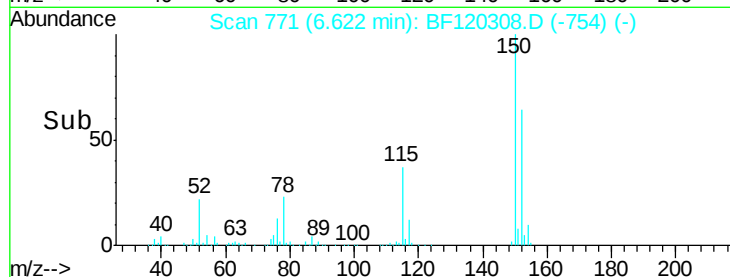
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF120308.D
Acq: 14 May 2020 23:18

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	57.1	47.9	71.9



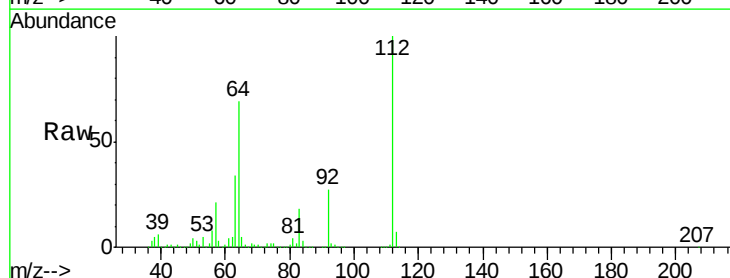
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



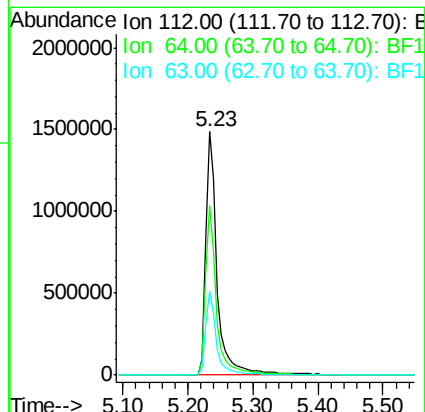
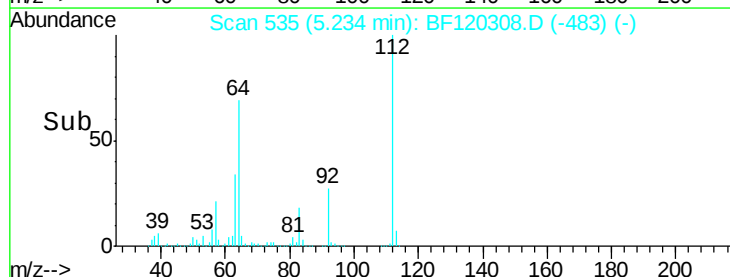
#5

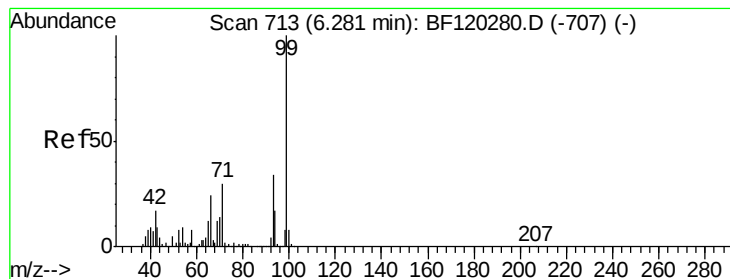
2-Fluorophenol
Concen: 121.470 ng
RT: 5.23 min Scan# 535
Delta R.T. 0.01 min
Lab File: BF120308.D
Acq: 14 May 2020 23:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	52.7	79.1
63	34.5	26.2	39.4



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: 107.464 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF120308.D

Acq: 14 May 2020 23:18

Instrument :

BNA_F

ClientSampleId :

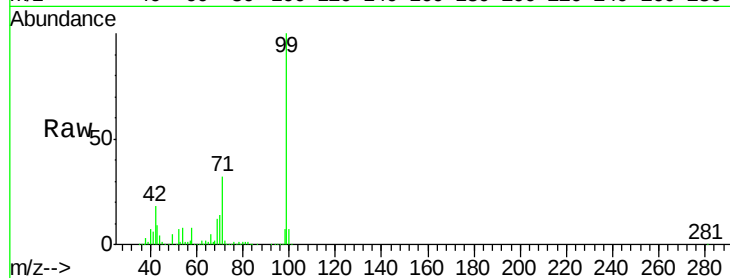
Tot Ion: 99 Resp: 2044078

Ion Ratio Lower Upper

99 100

42 17.8 13.6 20.4

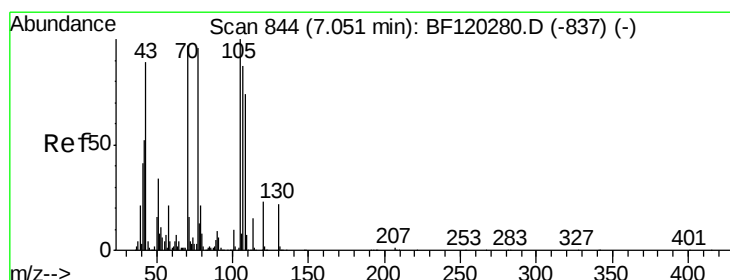
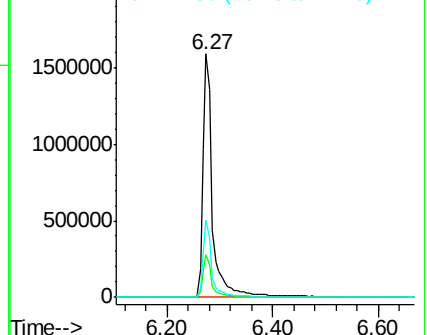
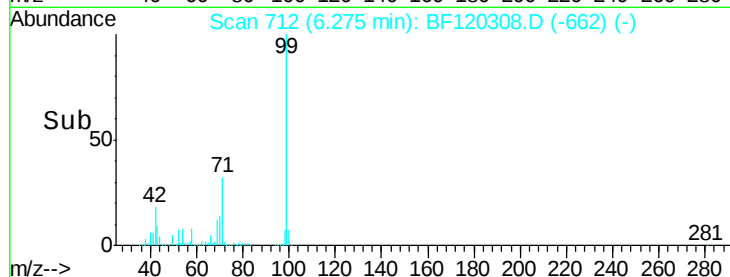
71 31.7 24.2 36.4



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: 15.941 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.14 min

Lab File: BF120308.D

Acq: 14 May 2020 23:18

Tgt Ion: 70 Resp: 198649

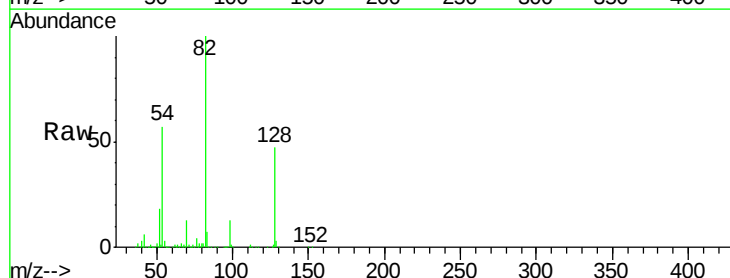
Ion Ratio Lower Upper

70 100

42 46.6 43.4 65.0

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

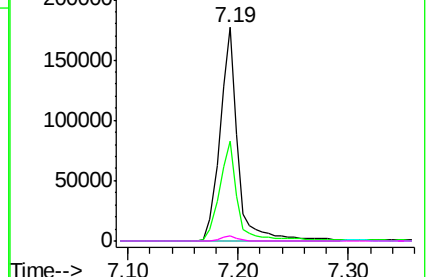
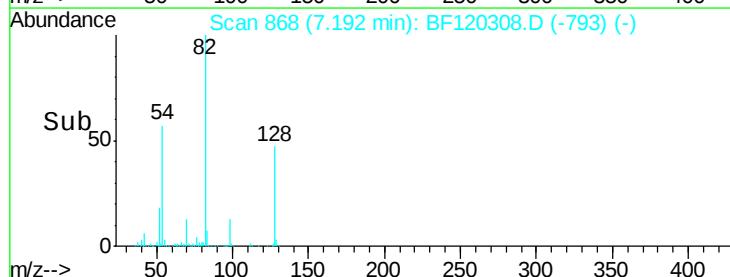


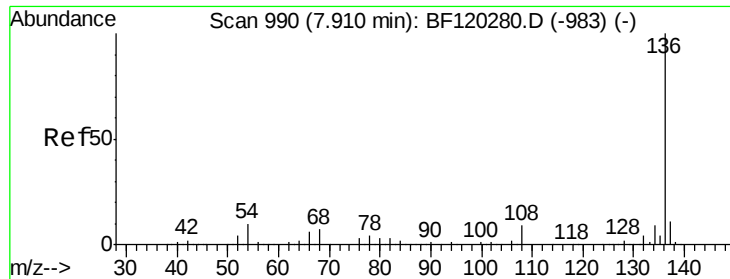
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

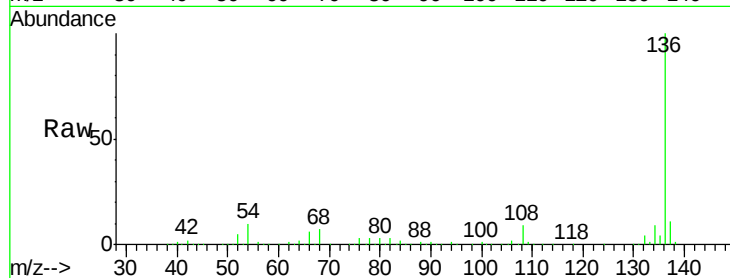




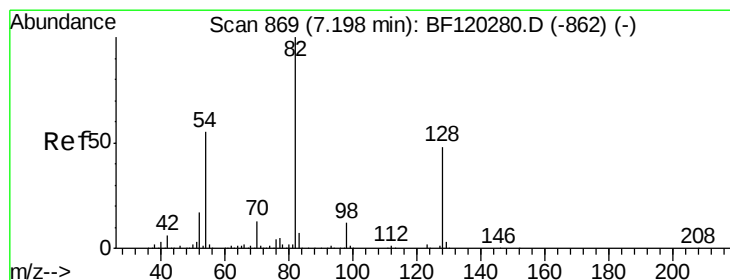
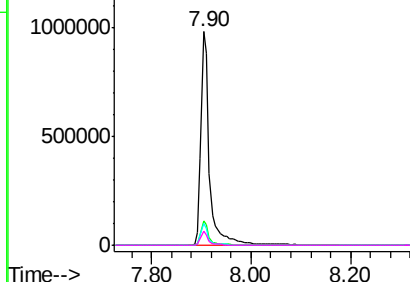
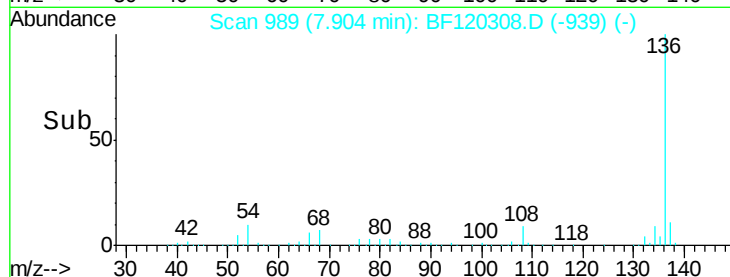
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF120308.D
Acq: 14 May 2020 23:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 1188675
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 10.2 7.9 11.9
68 6.7 5.4 8.2

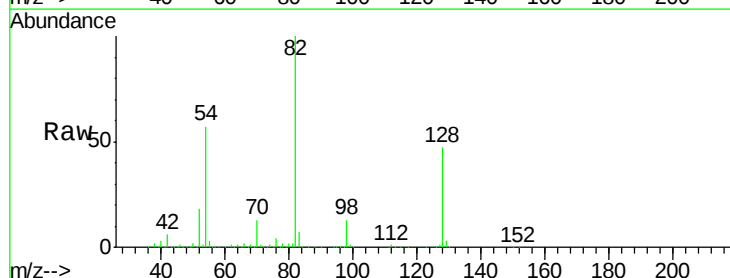


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

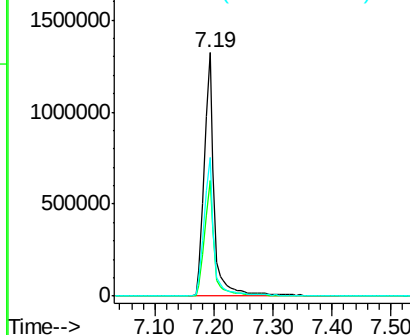
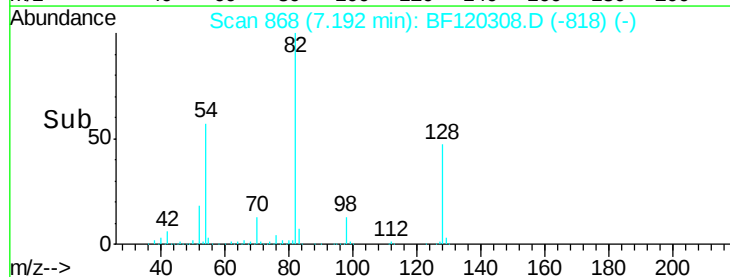


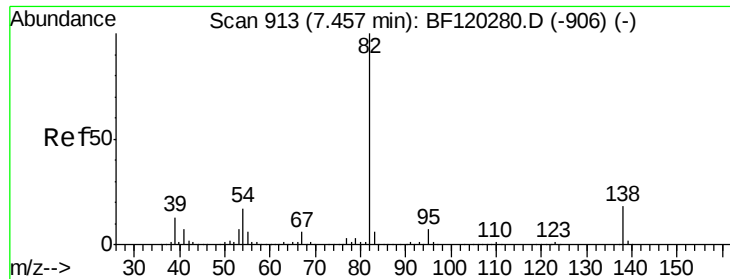
#23
Nitrobenzene-d5
Concen: 90.695 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF120308.D
Acq: 14 May 2020 23:18

Tgt Ion: 82 Resp: 1574588
Ion Ratio Lower Upper
82 100
128 47.4 38.3 57.5
54 56.8 43.9 65.9



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: 43.588 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.26 min

Lab File: BF120308.D

Acq: 14 May 2020 23:18

Instrument :

BNA_F

ClientSampleId :

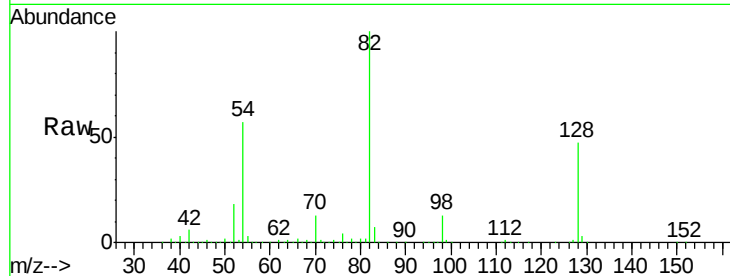
Tot Ion: 82 Resp: 1574578

Ion Ratio Lower Upper

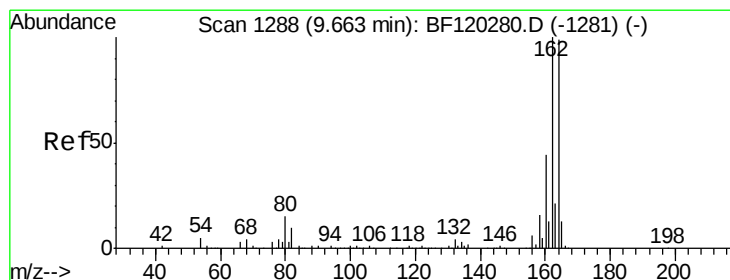
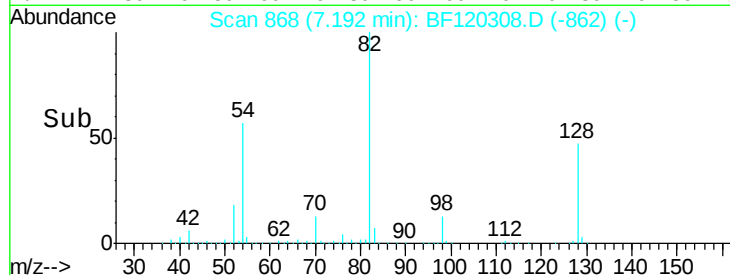
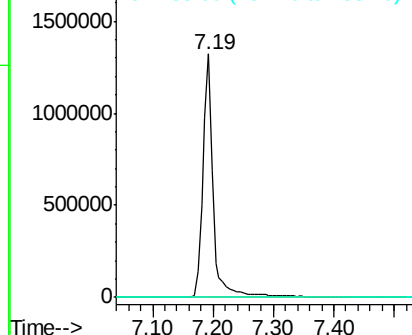
82 100

95 0.0 5.4 8.0#

138 0.0 14.7 22.1#



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: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF120308.D

Acq: 14 May 2020 23:18

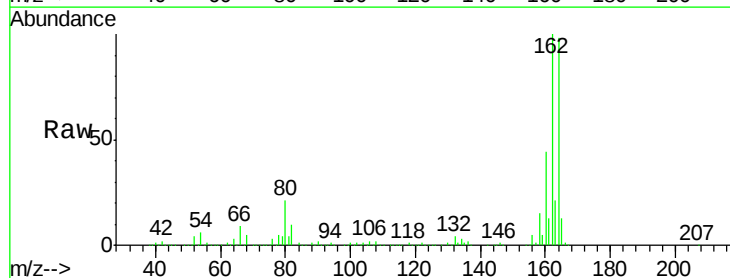
Tgt Ion:164 Resp: 596129

Ion Ratio Lower Upper

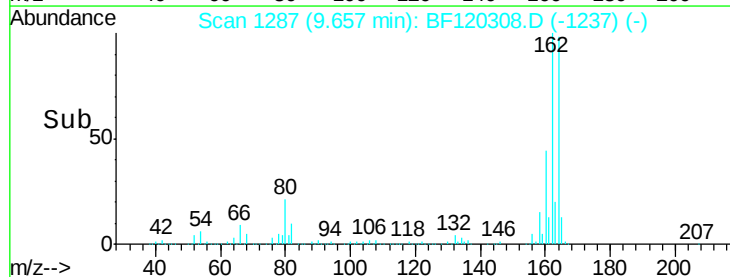
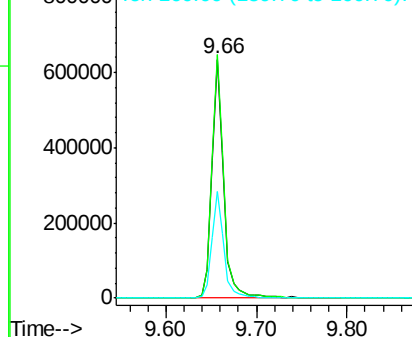
164 100

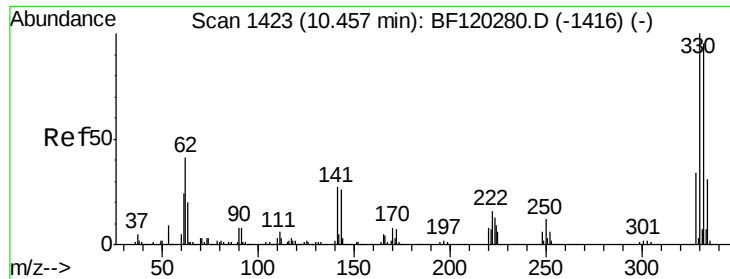
162 101.9 81.2 121.8

160 44.7 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

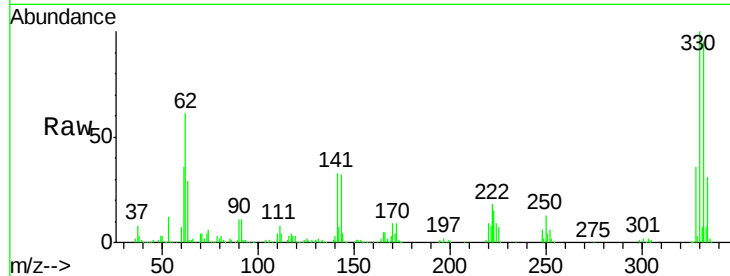




#42
 2,4,6-Tribromophenol
 Concen: 131.714 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF120308.D
 Acq: 14 May 2020 23:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.5	114.7
141	32.5	25.4	38.0

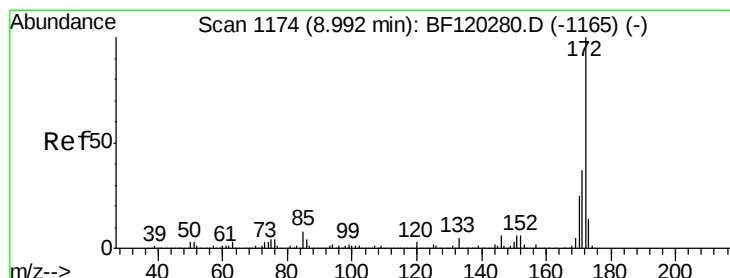
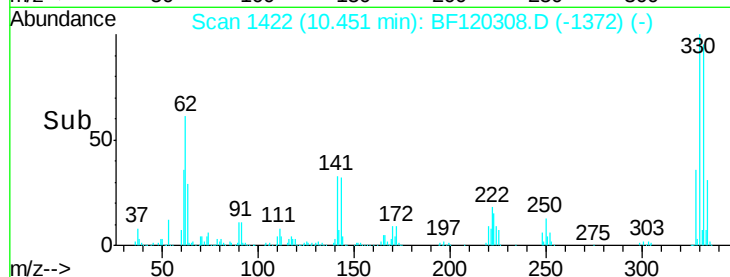
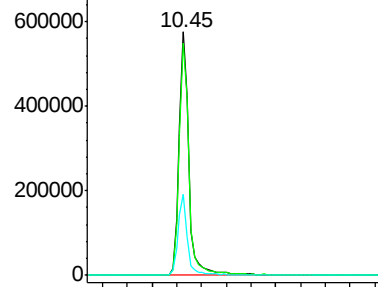


Abundance

Ion 329.80 (329.50 to 330.50): E

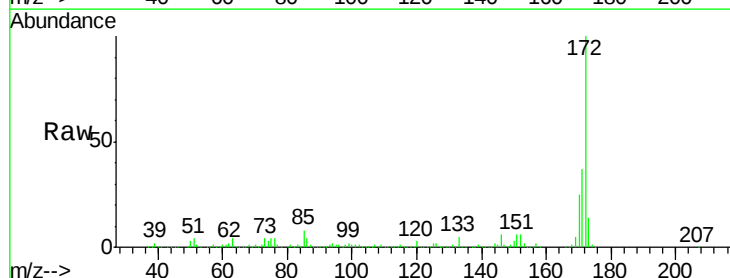
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 103.387 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF120308.D
 Acq: 14 May 2020 23:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	25.1	19.9	29.9

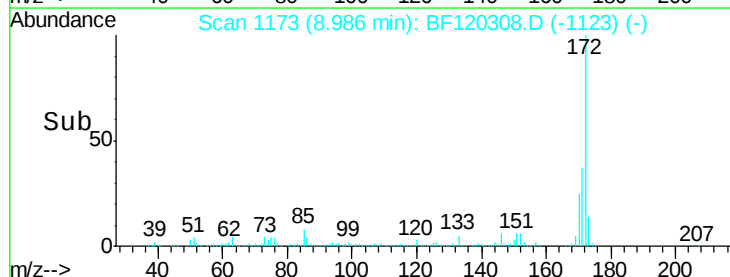
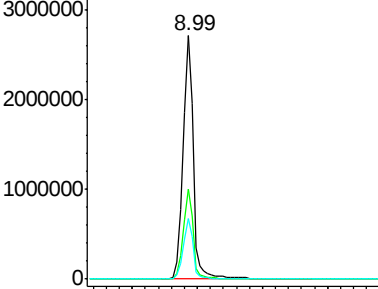


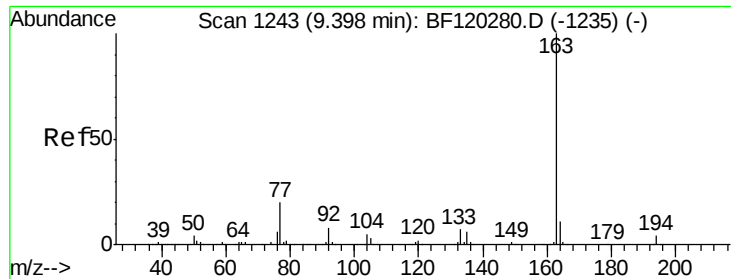
Abundance

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

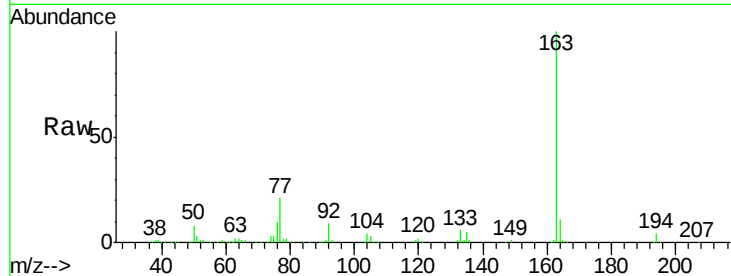




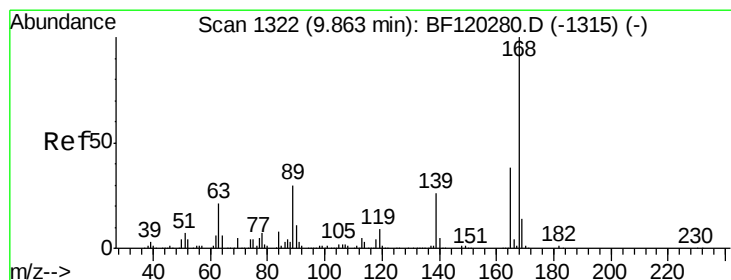
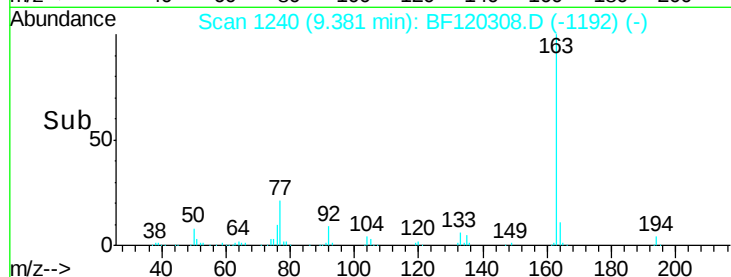
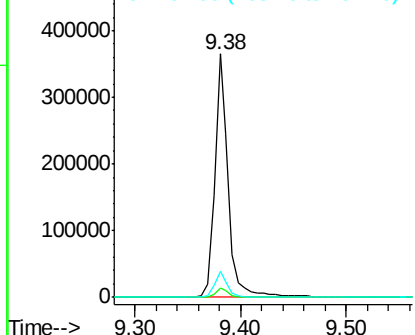
#50
Dimethylphthalate
Concen: 8.694 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BF120308.D
Acq: 14 May 2020 23:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 327632
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.6 8.6 12.8

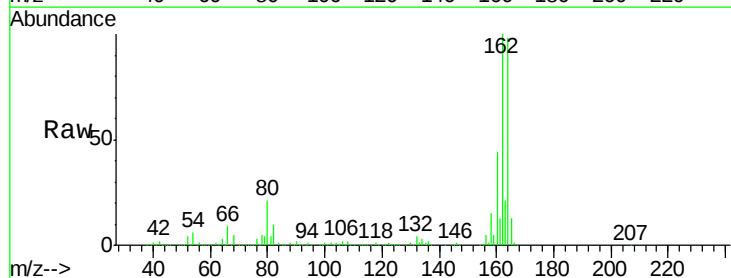


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

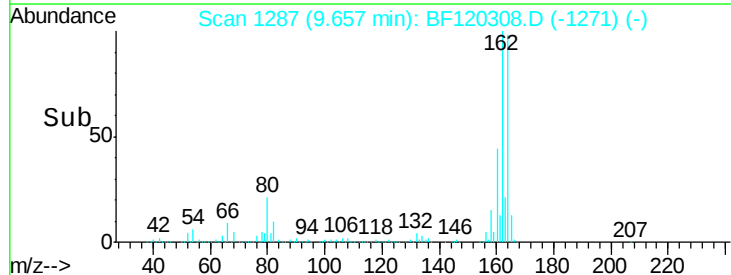
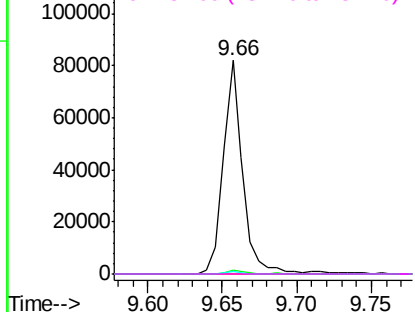


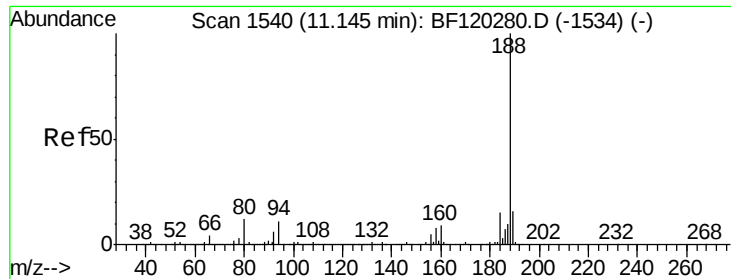
#57
2,4-Dinitrotoluene
Concen: 7.679 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.21 min
Lab File: BF120308.D
Acq: 14 May 2020 23:18

Tgt Ion:165 Resp: 75766
Ion Ratio Lower Upper
165 100
63 1.6 51.8 77.8#
89 1.4 64.2 96.4#
182 0.0 2.0 3.0#



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: 11.14 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BF120308.D

Acq: 14 May 2020 23:18

Instrument :

BNA_F

ClientSampleId :

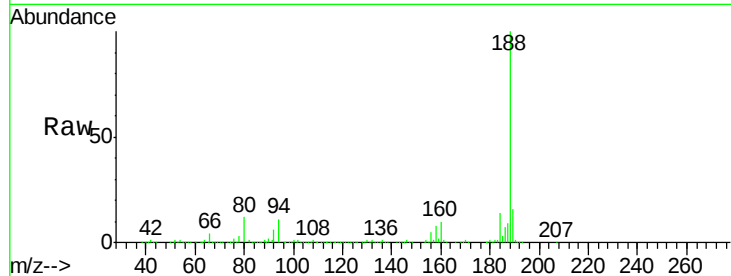
Tot Ion:188 Resp: 1085079

Ion Ratio Lower Upper

188 100

94 11.1 8.6 13.0

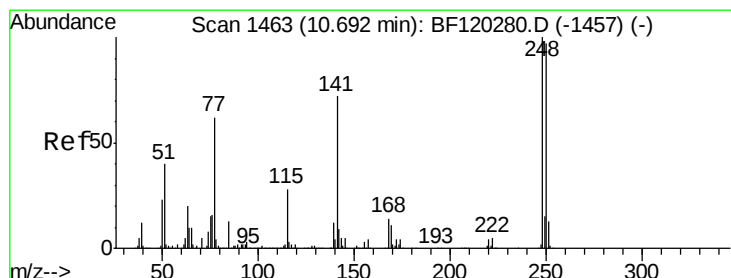
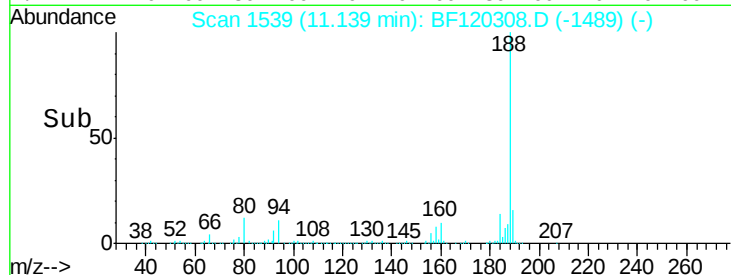
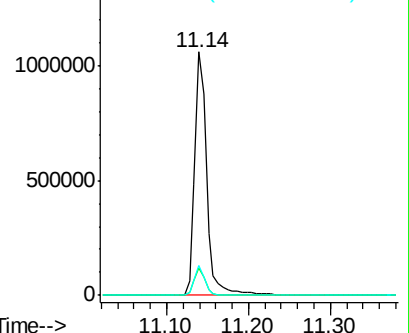
80 12.1 9.2 13.8



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: 3.655 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.24 min

Lab File: BF120308.D

Acq: 14 May 2020 23:18

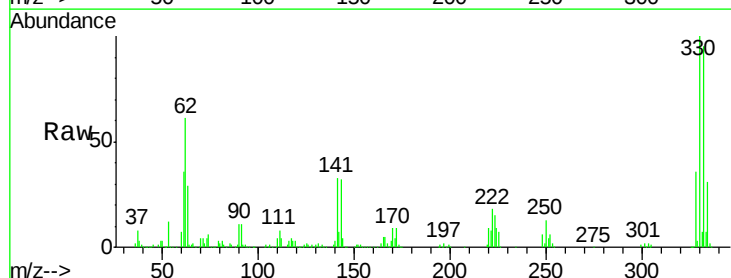
Tgt Ion:248 Resp: 38489

Ion Ratio Lower Upper

248 100

250 202.3 77.8 116.6#

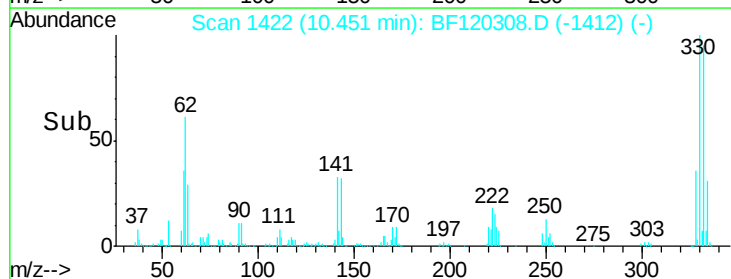
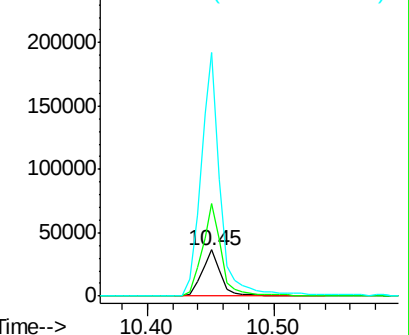
141 530.7 57.7 86.5#

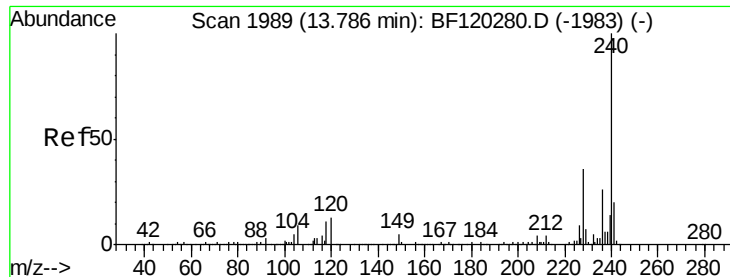


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF120308.D

Acq: 14 May 2020 23:18

Instrument :

BNA_F

ClientSampleId :

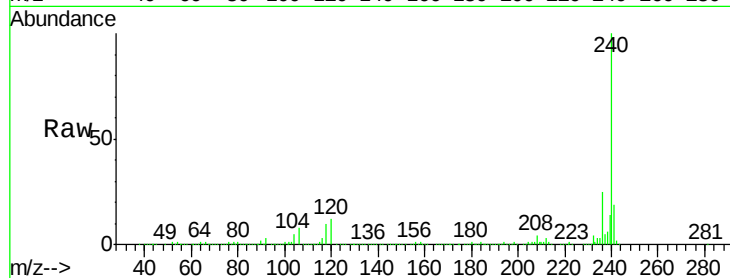
Tot Ion:240 Resp: 708365

Ion Ratio Lower Upper

240 100

120 11.5 10.4 15.6

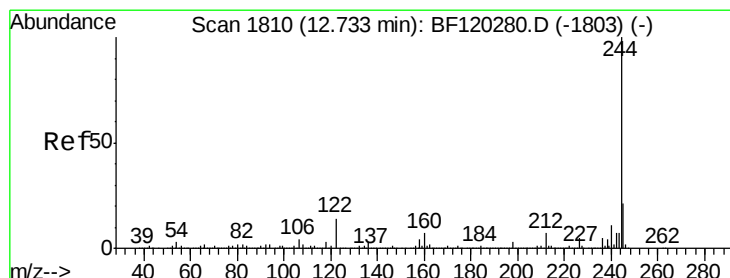
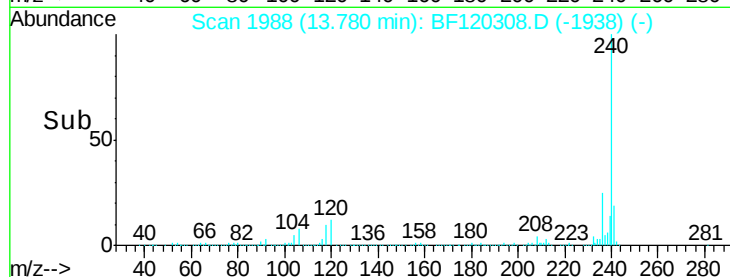
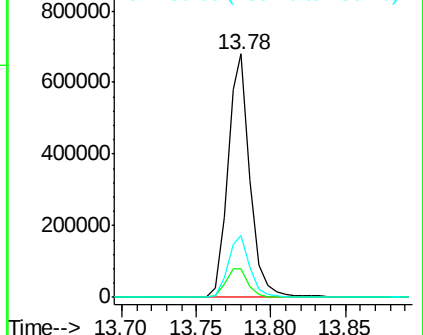
236 25.5 21.0 31.6



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: 86.421 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF120308.D

Acq: 14 May 2020 23:18

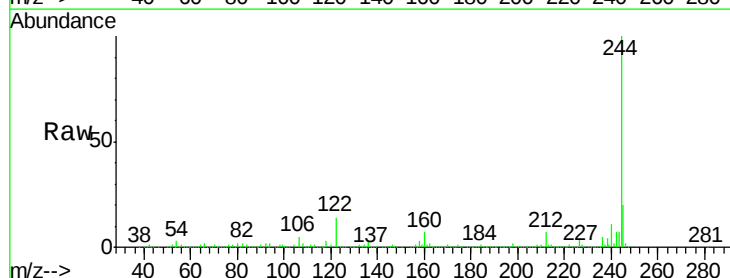
Tgt Ion:244 Resp: 2770999

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

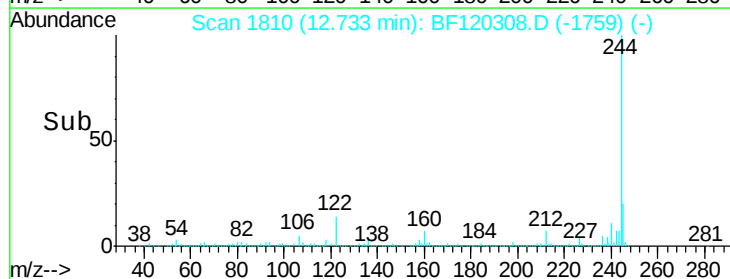
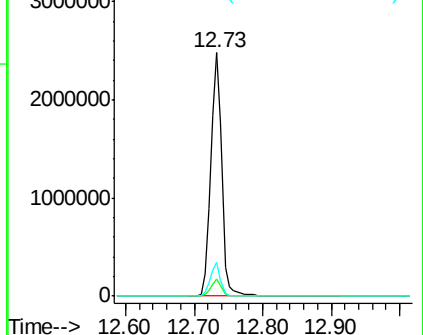
122 13.6 10.8 16.2

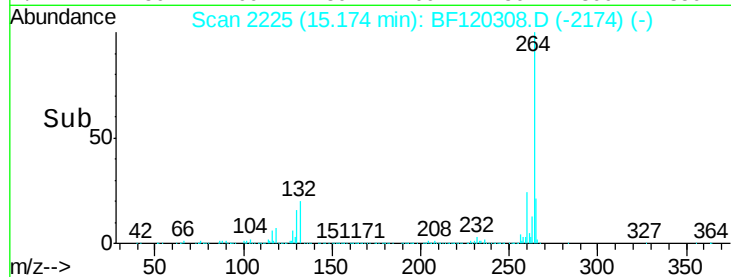
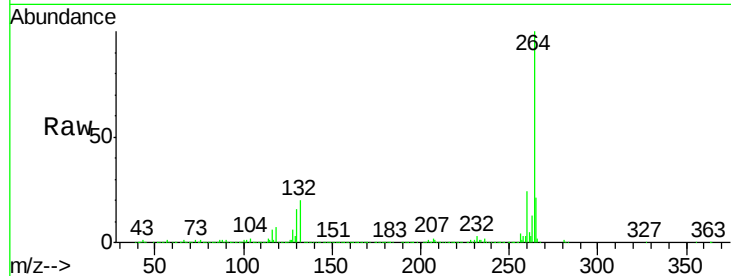
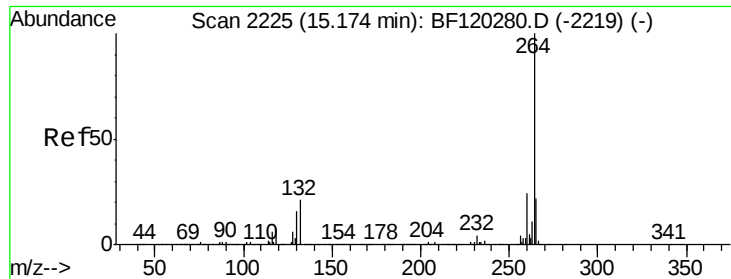


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF120308.D
Acq: 14 May 2020 23:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.2	17.5	26.3

