

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051520\
 Data File : BF120320.D
 Acq On : 15 May 2020 14:35
 Operator : MA/SJ
 Sample : L2646-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-D

Quant Time: May 15 16:08:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 12:31:31 2020
 Response via : Initial Calibration

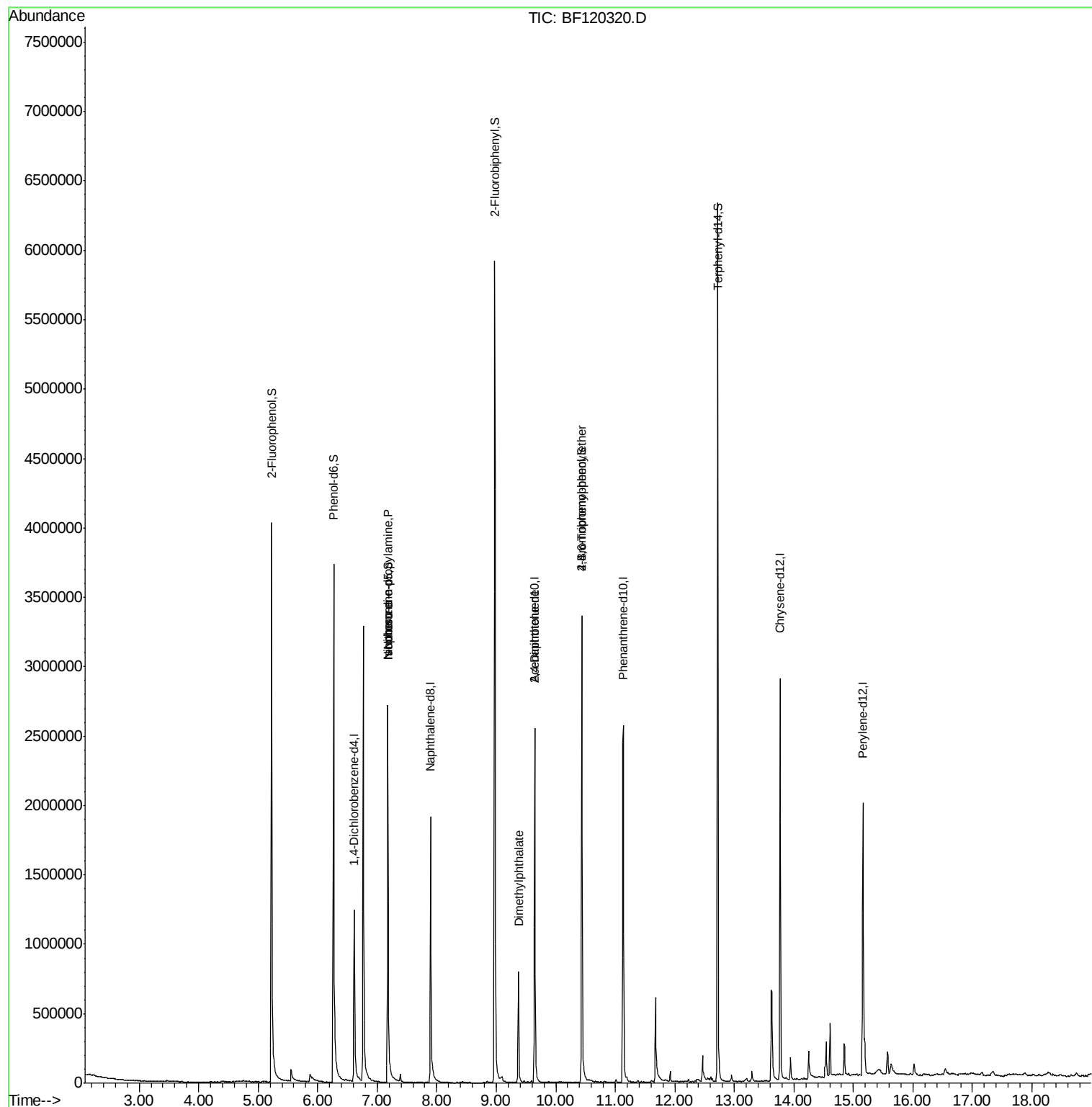
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	270142	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1144985	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	623039	20.00	ng	0.00
64) Phenanthrene-d10	11.13	188	1196276	20.00	ng	0.00
76) Chrysene-d12	13.77	240	1059483	20.00	ng	0.00
87) Perylene-d12	15.16	264	913213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1313333	94.59	ng	0.00
7) Phenol-d6	6.27	99	1743547	99.30	ng	0.00
23) Nitrobenzene-d5	7.18	82	1064982	63.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.44	330	464563	91.45	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2201737	72.60	ng	0.00
79) Terphenyl-d14	12.72	244	2554350	53.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.18	70	132020	11.477	ng	# 81
25) Isophorone	7.18	82	1046466	30.074	ng	# 65
50) Dimethylphthalate	9.37	163	368383	9.353	ng	98
57) 2,4-Dinitrotoluene	9.65	165	79817	7.741	ng	# 16
67) 4-Bromophenyl-phenylether	10.44	248	27696	2.386	ng	# 1

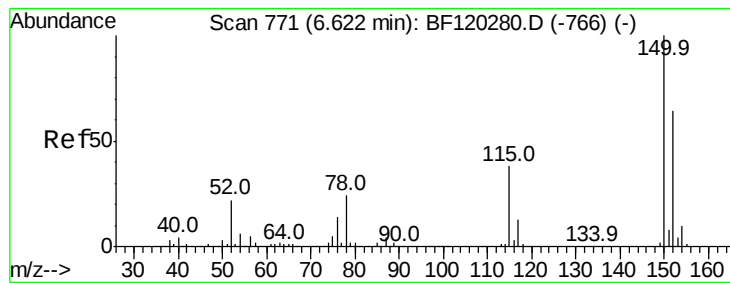
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 12:31:31 2020
Response via : Initial Calibration



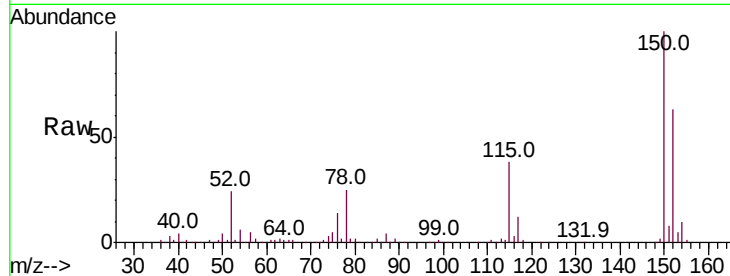


#1

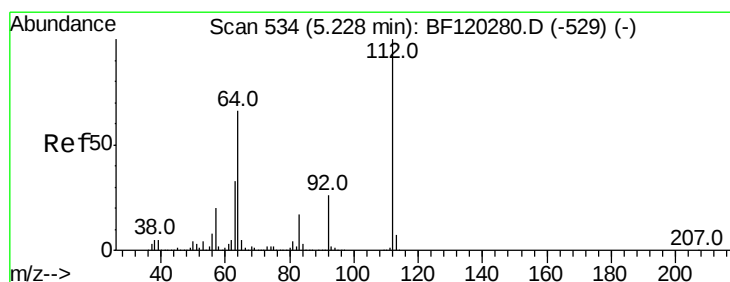
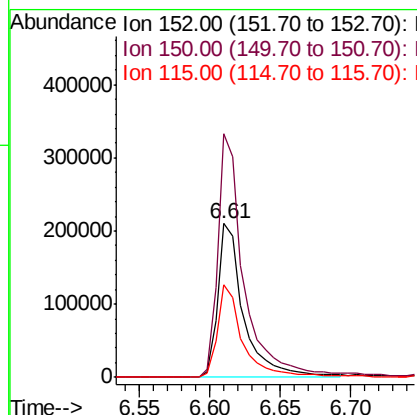
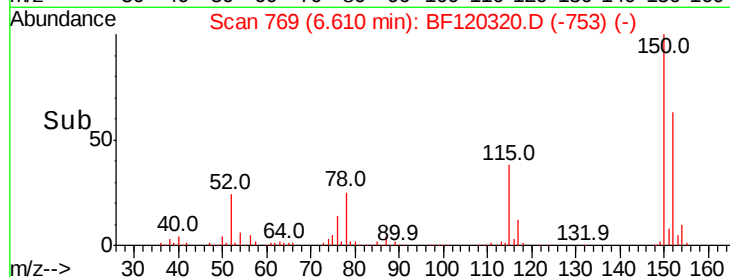
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF120320.D
Acq: 15 May 2020 14:35

Instrument :
BNA_F
ClientSampleId :
TP-B-D

Tot Ion:152 Resp: 270142
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 59.9 47.9 71.9



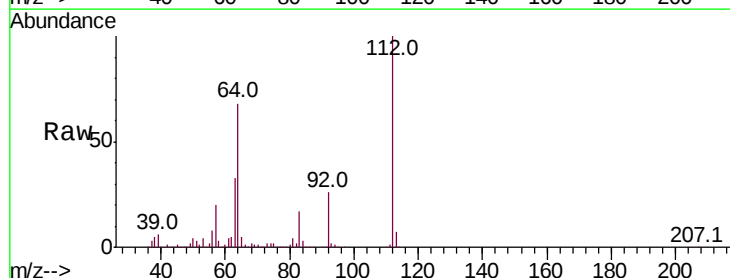
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



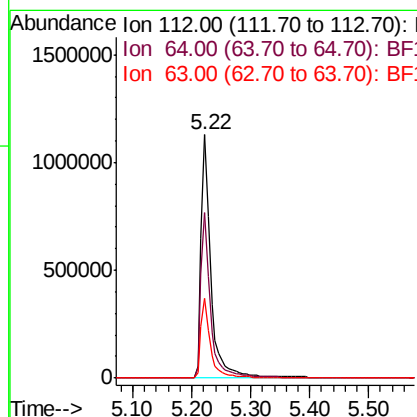
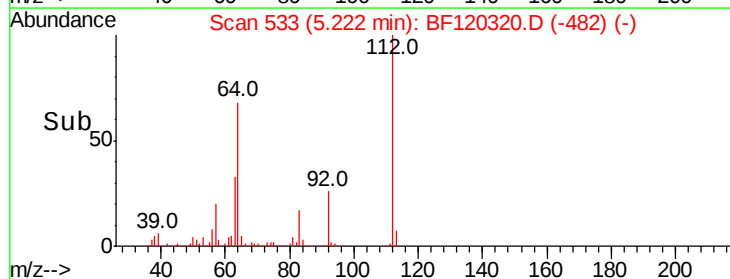
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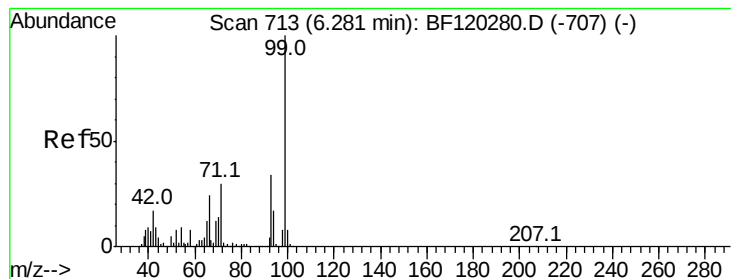
2-Fluorophenol
Concen: 94.593 ng
RT: 5.22 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF120320.D
Acq: 15 May 2020 14:35

Tgt Ion:112 Resp: 1313333
Ion Ratio Lower Upper
112 100
64 68.1 52.7 79.1
63 33.0 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: 99.304 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF120320.D

Acq: 15 May 2020 14:35

Instrument :

BNA_F

ClientSampleId :

TP-B-D

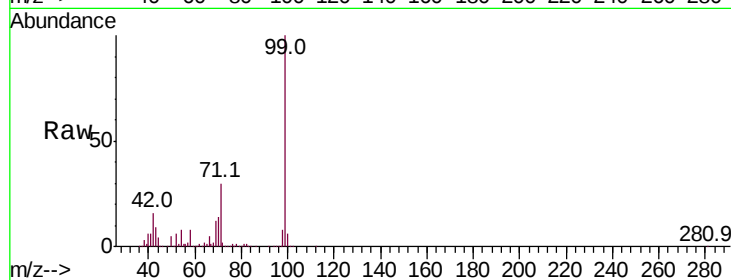
Tot Ion: 99 Resp: 1743547

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

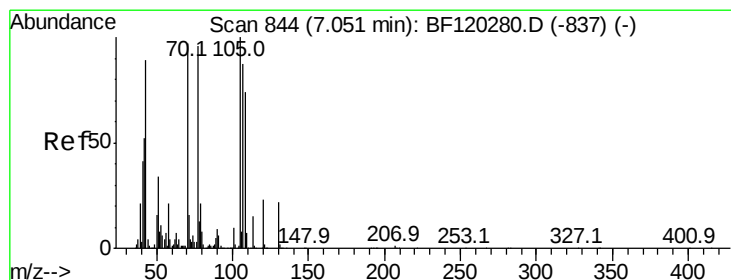
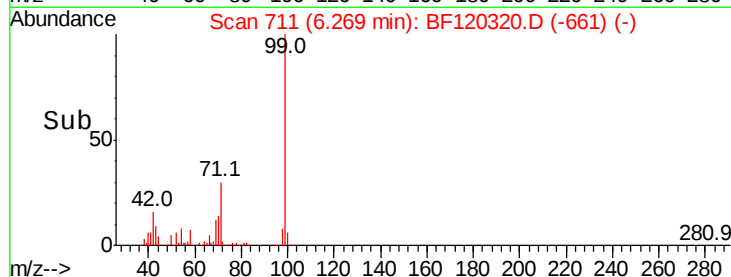
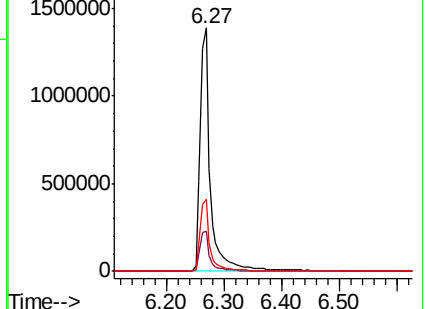
71 29.6 24.2 36.4



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: 11.477 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.14 min

Lab File: BF120320.D

Acq: 15 May 2020 14:35

Tgt Ion: 70 Resp: 132020

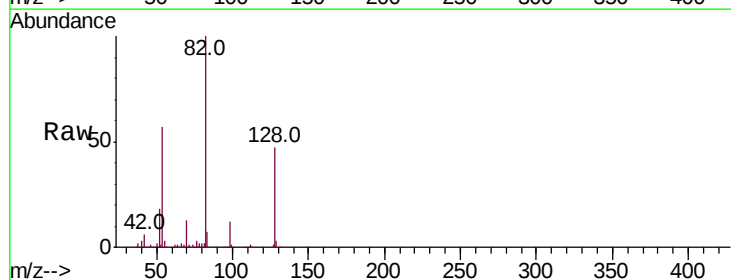
Ion Ratio Lower Upper

70 100

42 48.1 43.4 65.0

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#

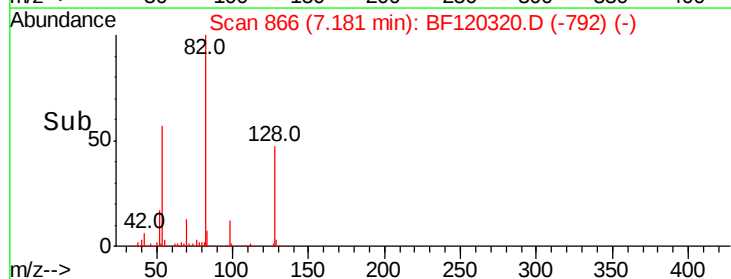
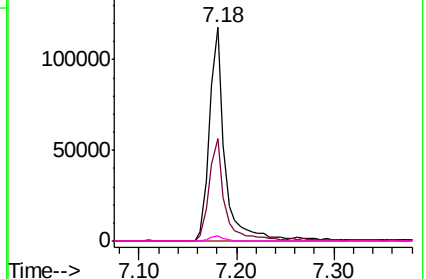


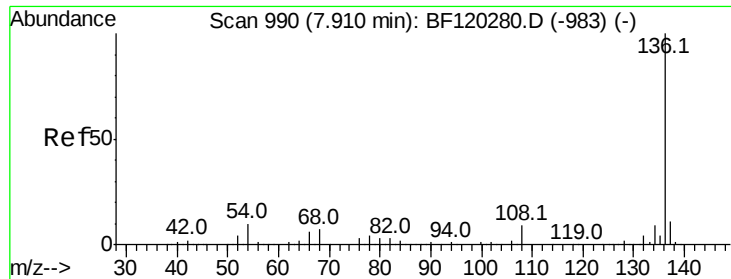
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

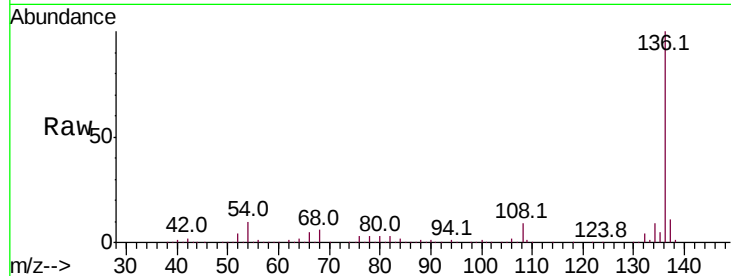




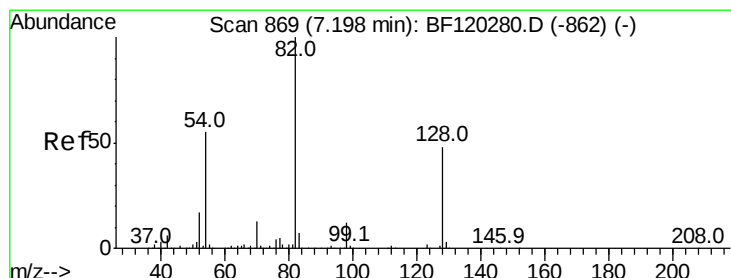
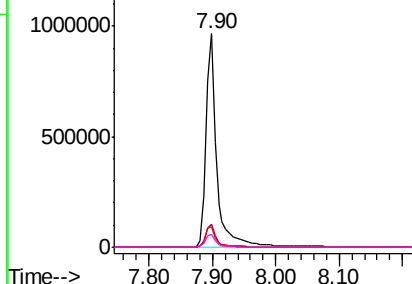
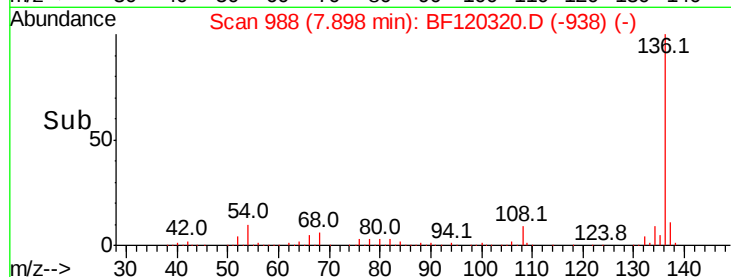
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF120320.D
Acq: 15 May 2020 14:35

Instrument :
BNA_F
ClientSampled :
TP-B-D

Tot Ion:	136	Resp:	1144985
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.6	7.9	11.9
68	6.2	5.4	8.2

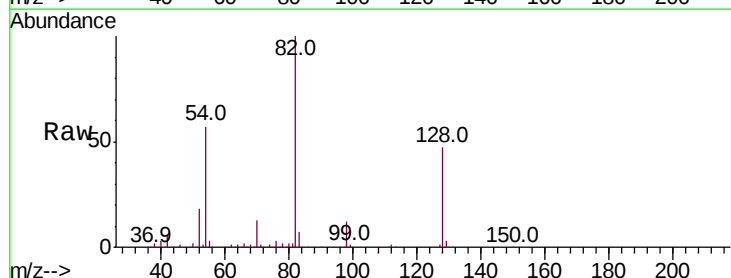


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

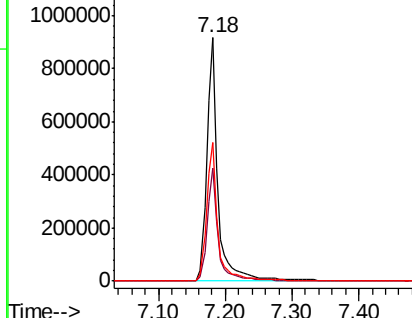
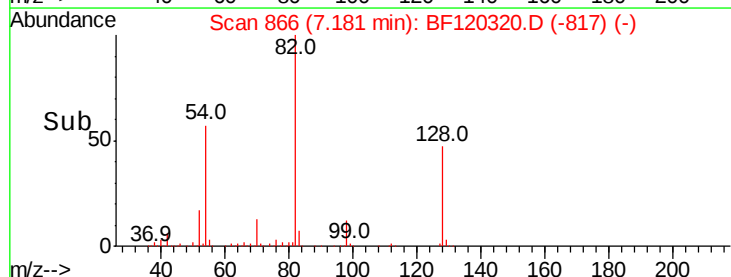


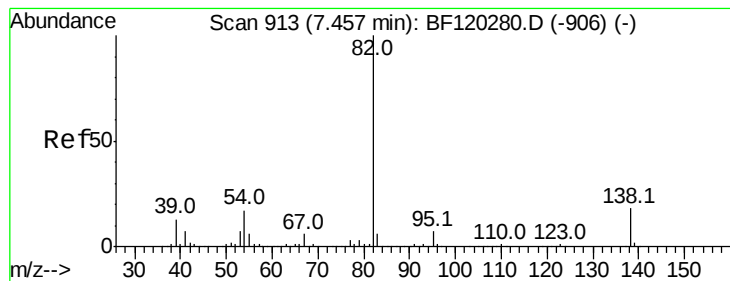
#23
Nitrobenzene-d5
Concen: 63.683 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF120320.D
Acq: 15 May 2020 14:35

Tgt Ion:	82	Resp:	1064982
Ion	Ratio	Lower	Upper
82	100		
128	46.6	38.3	57.5
54	57.0	43.9	65.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 30.074 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.27 min

Lab File: BF120320.D

Acq: 15 May 2020 14:35

Instrument :

BNA_F

ClientSampleID :

TP-B-D

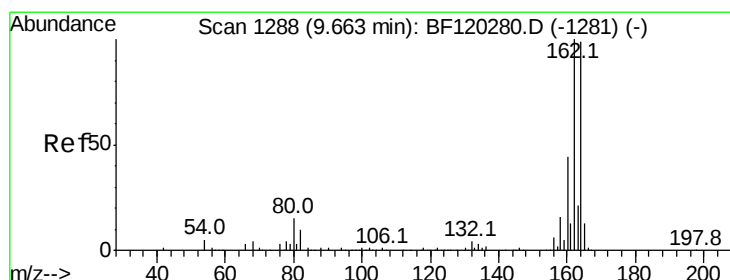
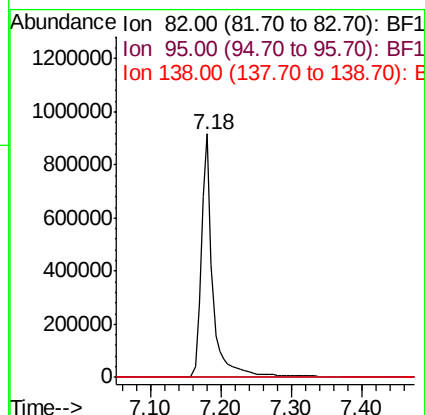
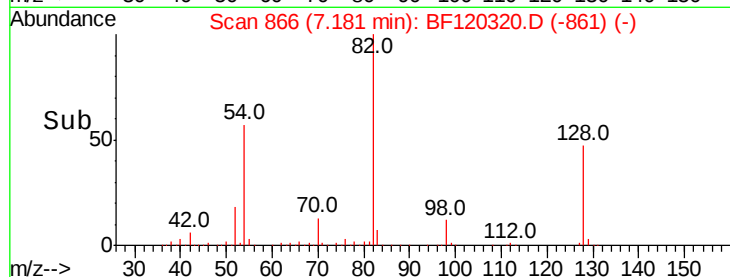
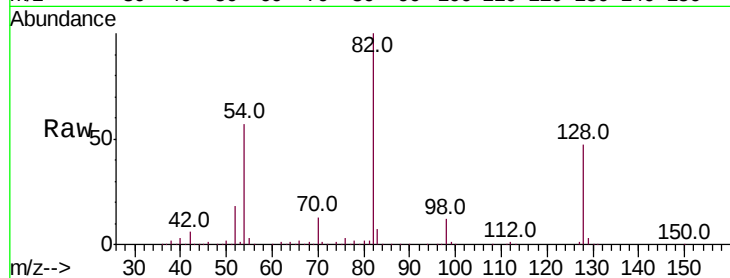
Tot Ion: 82 Resp: 1046466

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 14.7 22.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF120320.D

Acq: 15 May 2020 14:35

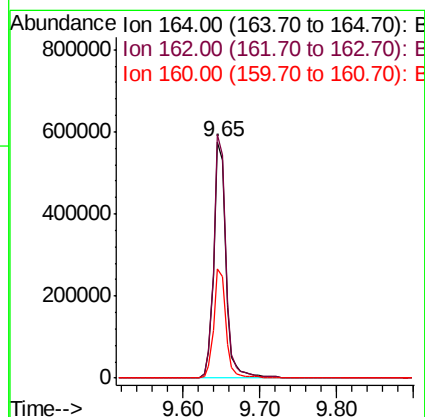
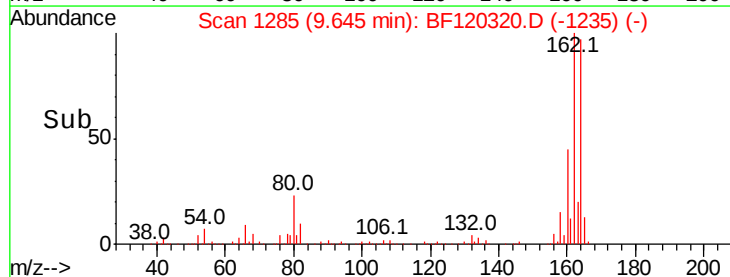
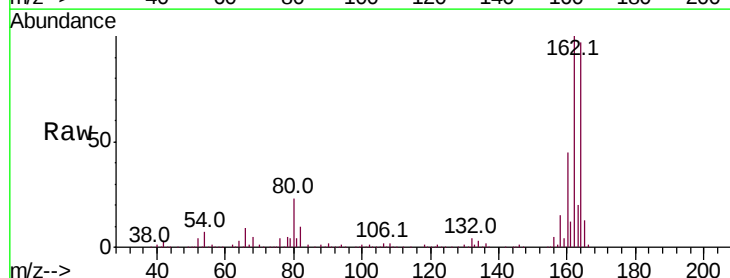
Tgt Ion:164 Resp: 623039

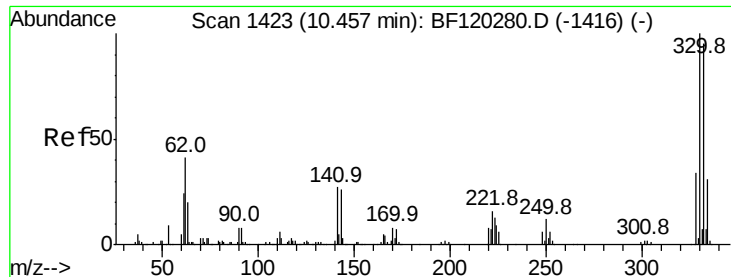
Ion Ratio Lower Upper

164 100

162 103.1 81.2 121.8

160 46.3 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 91.451 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF120320.D

Acq: 15 May 2020 14:35

Instrument :

BNA_F

ClientSampled :

TP-B-D

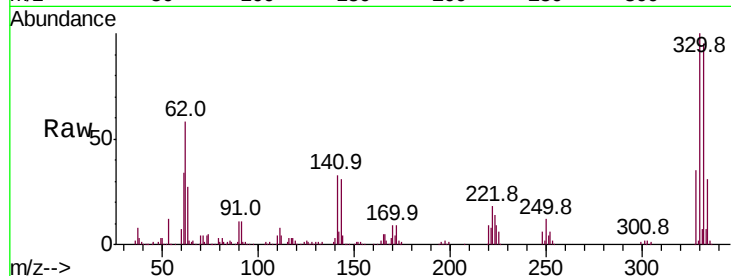
Tot Ion:330 Resp: 464563

Ion Ratio Lower Upper

330 100

332 96.2 76.5 114.7

141 33.3 25.4 38.0

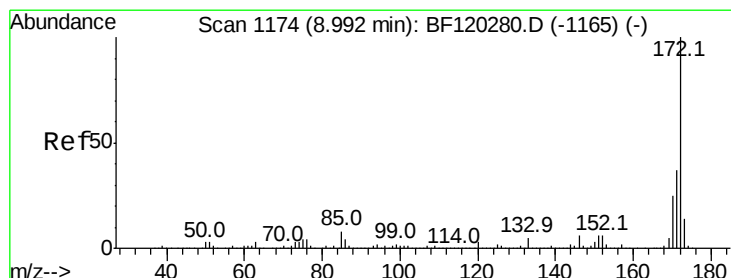
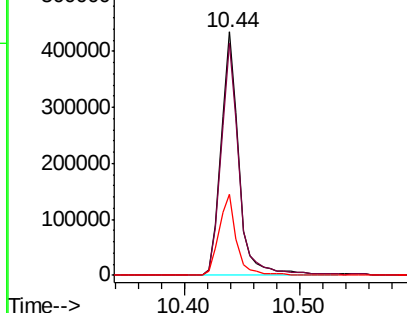
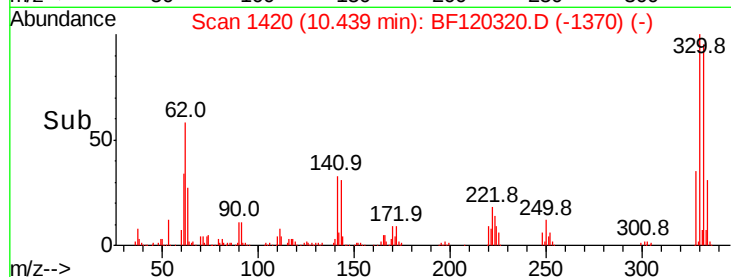


Abundance

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: 72.602 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF120320.D

Acq: 15 May 2020 14:35

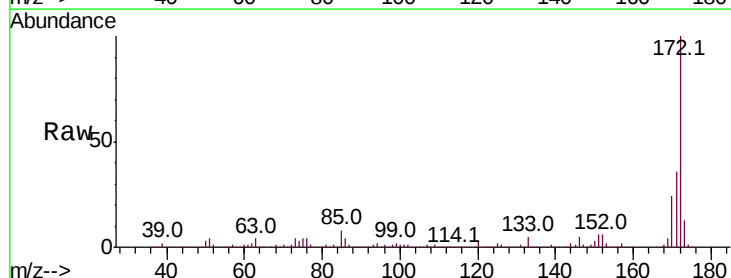
Tgt Ion:172 Resp: 2201737

Ion Ratio Lower Upper

172 100

171 35.8 29.7 44.5

170 24.1 19.9 29.9

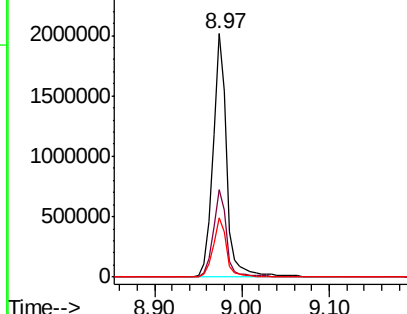
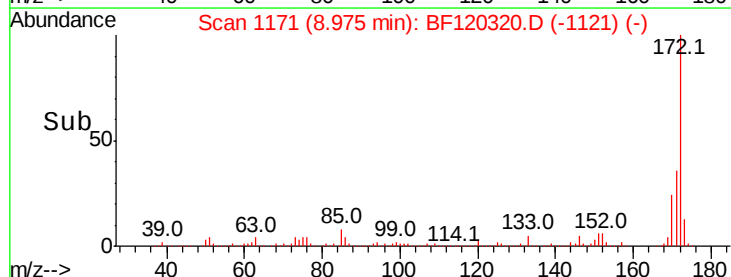


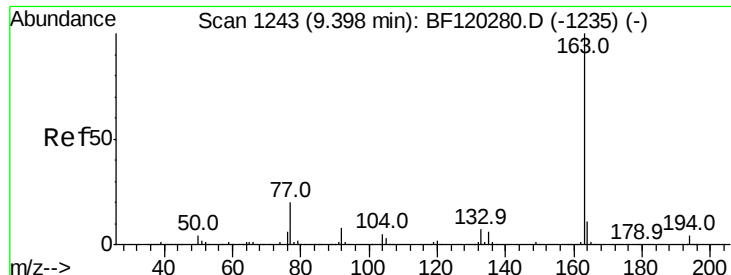
Abundance

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

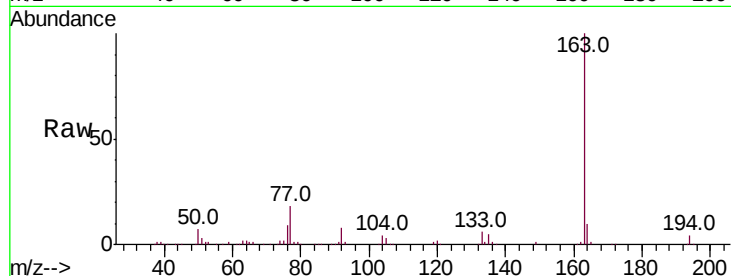




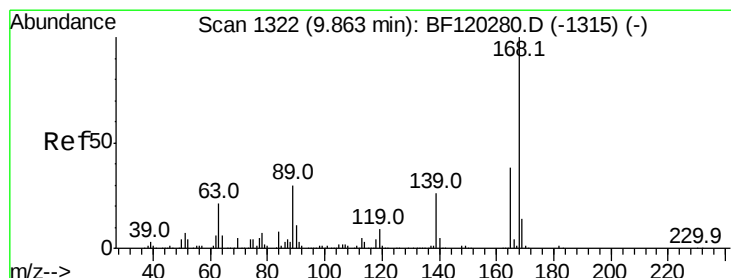
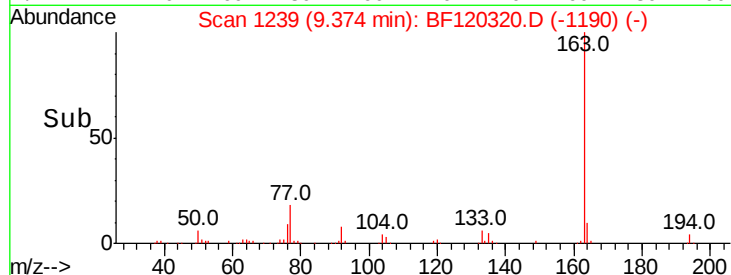
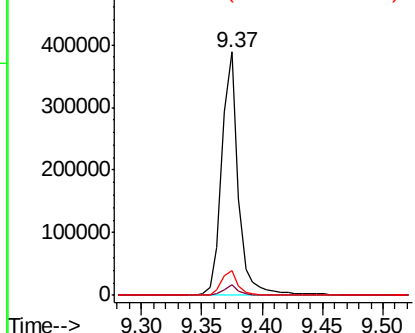
#50
Dimethylphthalate
Concen: 9.353 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF120320.D
Acq: 15 May 2020 14:35

Instrument :
BNA_F
ClientSampled :
TP-B-D

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.0	8.6	12.8

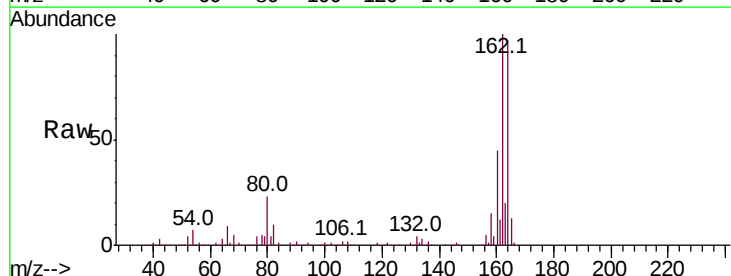


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

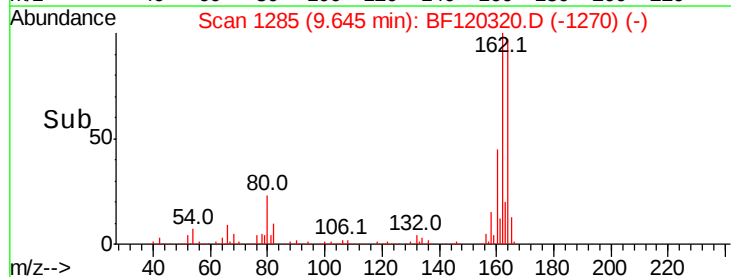
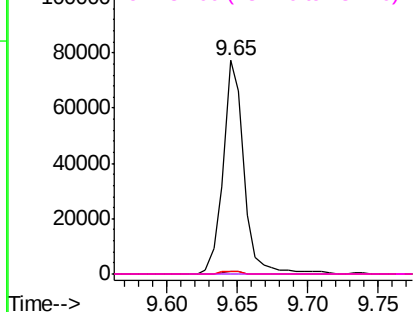


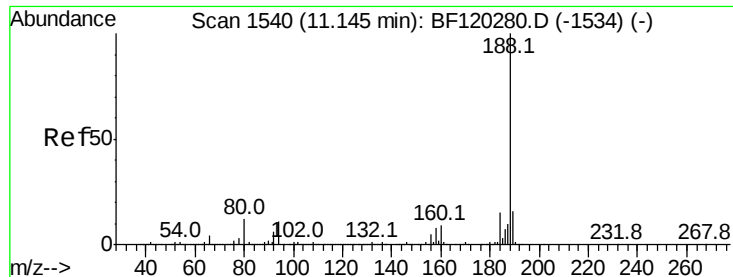
#57
2,4-Dinitrotoluene
Concen: 7.741 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.21 min
Lab File: BF120320.D
Acq: 15 May 2020 14:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	51.8	77.8#
89	1.1	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

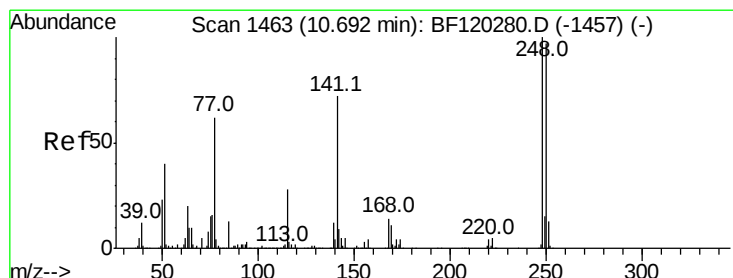
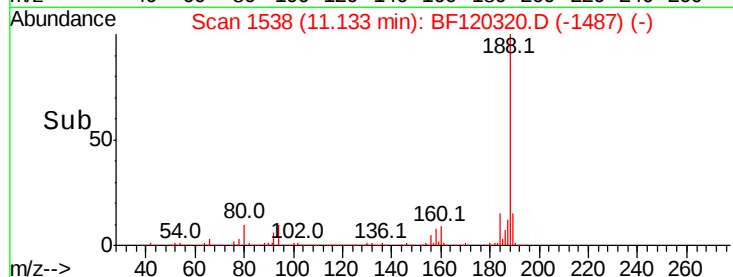
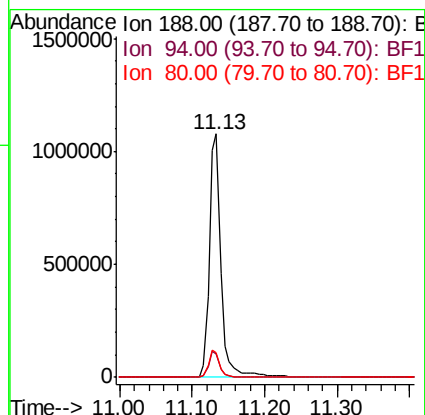
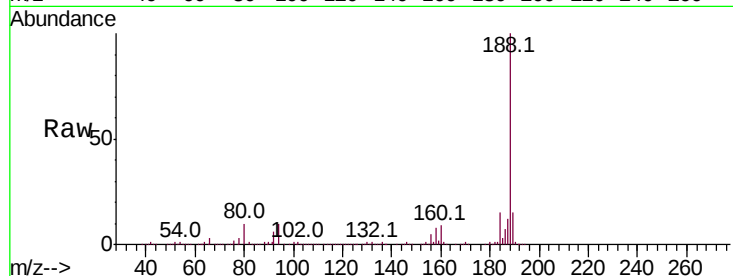




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BF120320.D
Acq: 15 May 2020 14:35

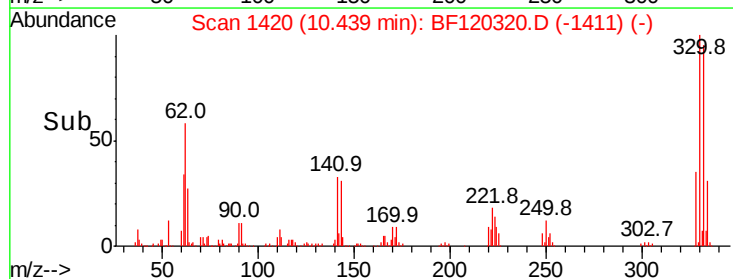
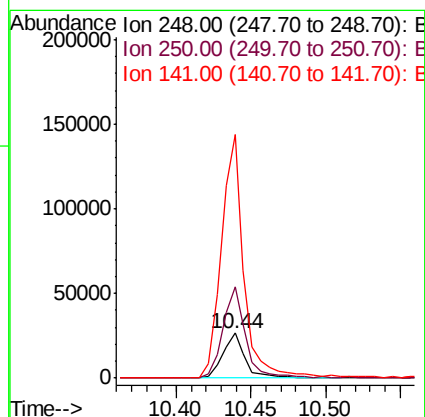
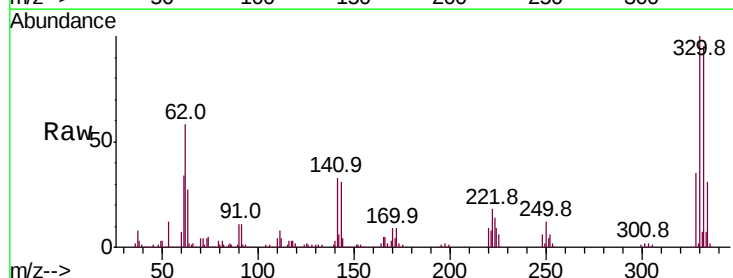
Instrument :
BNA_F
ClientSampleId :
TP-B-D

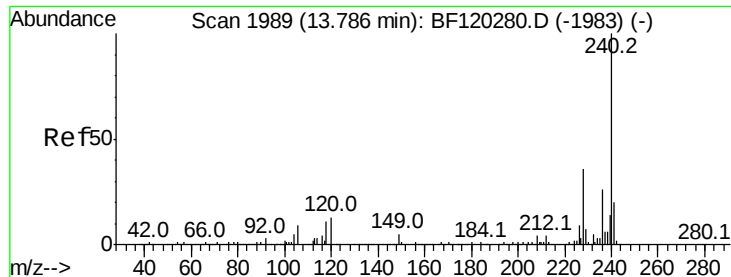
Tot Ion:188 Resp: 1196276
Ion Ratio Lower Upper
188 100
94 9.8 8.6 13.0
80 9.9 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 2.386 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.25 min
Lab File: BF120320.D
Acq: 15 May 2020 14:35

Tgt Ion:248 Resp: 27696
Ion Ratio Lower Upper
248 100
250 203.6 77.8 116.6#
141 543.7 57.7 86.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF120320.D

Acq: 15 May 2020 14:35

Instrument :

BNA_F

ClientSampled :

TP-B-D

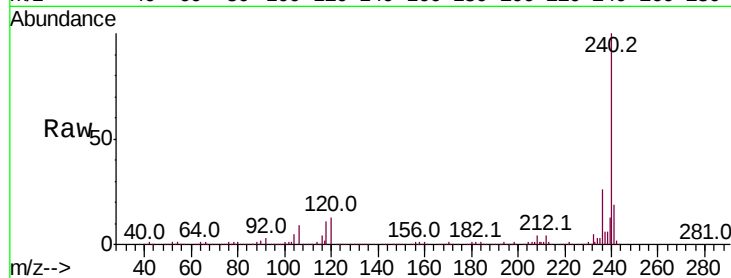
Tot Ion:240 Resp: 1059483

Ion Ratio Lower Upper

240 100

120 13.2 10.4 15.6

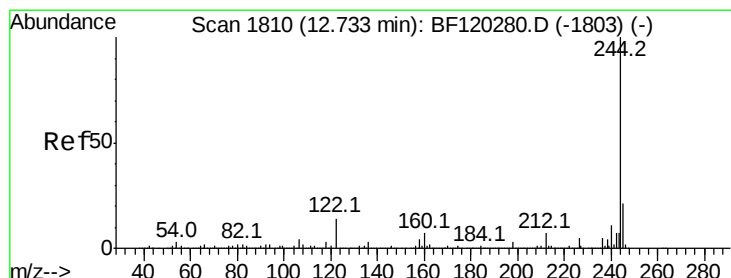
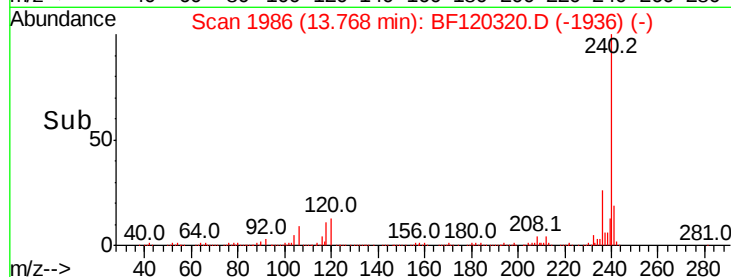
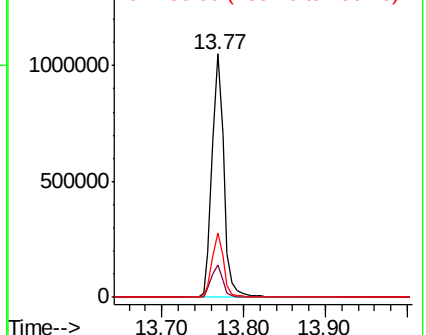
236 26.2 21.0 31.6



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: 53.263 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF120320.D

Acq: 15 May 2020 14:35

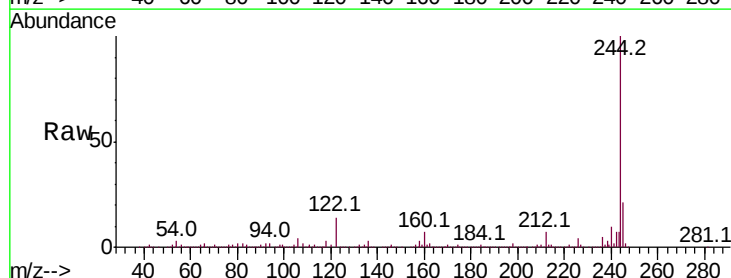
Tgt Ion:244 Resp: 2554350

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

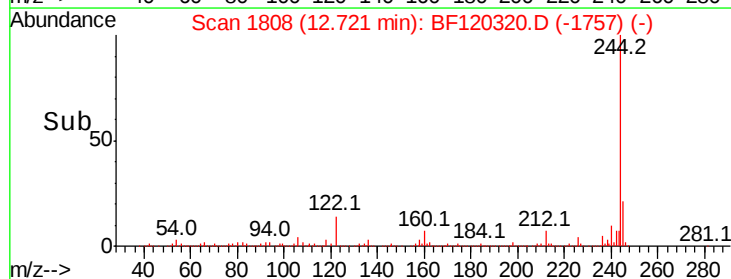
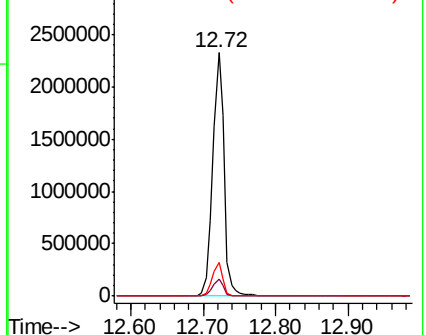
122 13.6 10.8 16.2

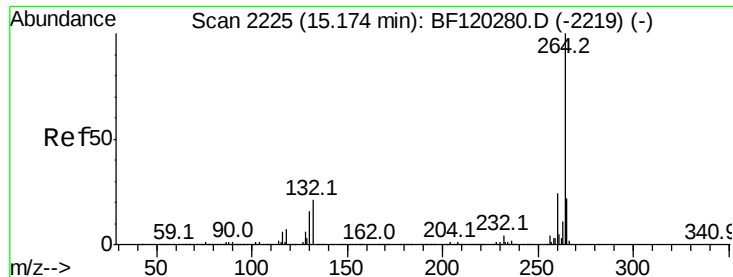


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.16 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BF120320.D
 Acq: 15 May 2020 14:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.7	17.5	26.3

