

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120901.D
 Acq On : 16 Jul 2020 22:54
 Operator : JU/CG
 Sample : L3308-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 9

Quant Time: Jul 17 01:56:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

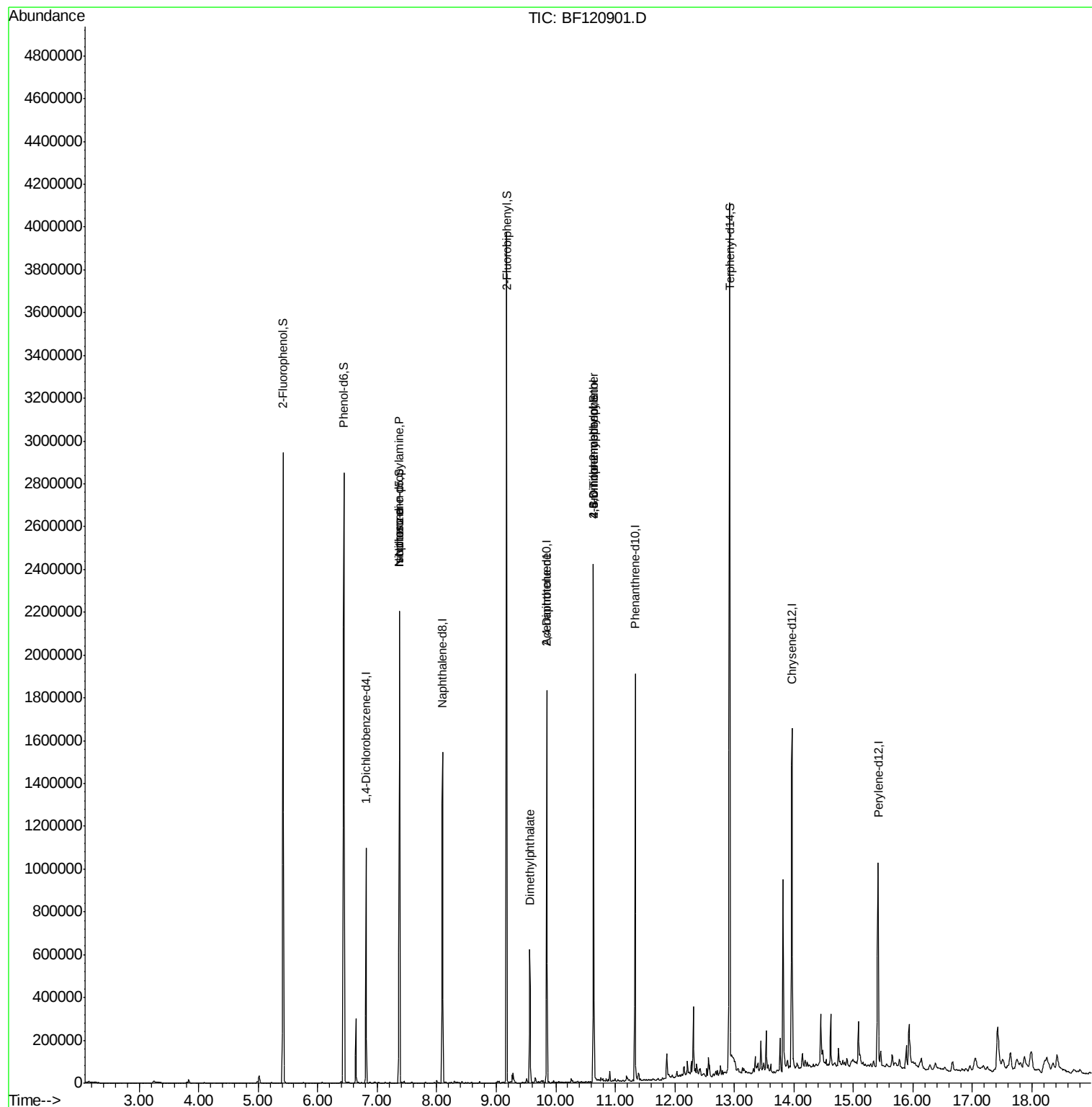
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	167694	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	653030	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	344998	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	669375	20.00	ng	0.00
76) Chrysene-d12	13.97	240	532941	20.00	ng	0.00
86) Perylene-d12	15.42	264	431713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	850725	83.17	ng	0.00
7) Phenol-d6	6.44	99	1051666	79.59	ng	0.00
23) Nitrobenzene-d5	7.37	82	638602	56.58	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	323891	85.77	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1179637	51.05	ng	0.00
79) Terphenyl-d14	12.92	244	1355691	55.30	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	270	Below Cal	Qvalue	# 40
19) n-Nitroso-di-n-propylamine	7.37	70	82928	11.037 ng	#	78
25) Isophorone	7.37	82	637754	28.315 ng	#	63
50) Dimethylphthalate	9.56	163	226730	9.109 ng	#	98
57) 2,4-Dinitrotoluene	9.85	165	43947	6.258 ng	#	27
65) 4,6-Dinitro-2-methylphenol	10.63	198	661	3.999 ng	#	1
67) 4-Bromophenyl-phenylether	10.63	248	19067	2.555 ng	#	1

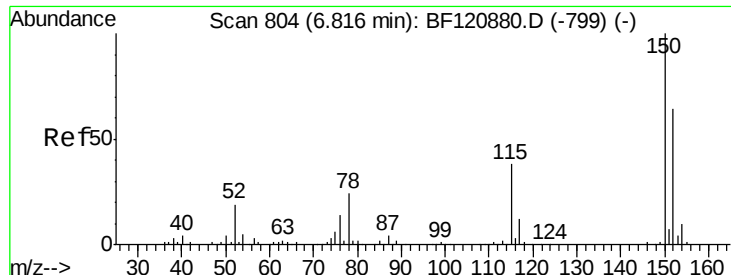
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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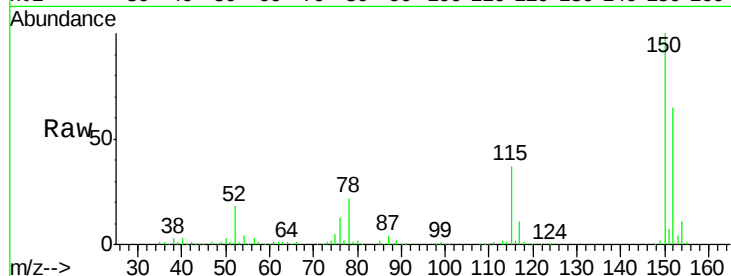


#1

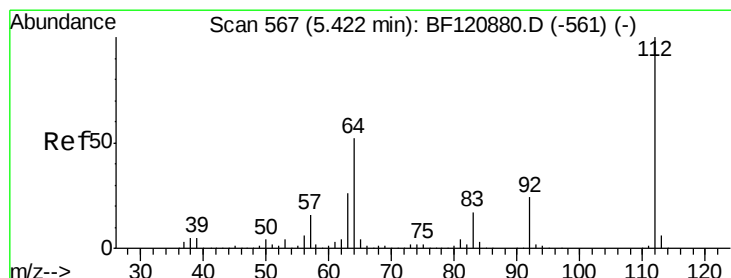
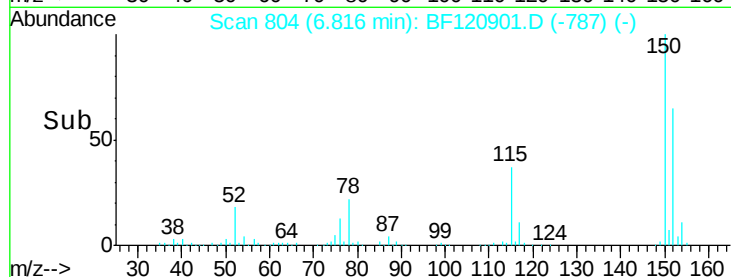
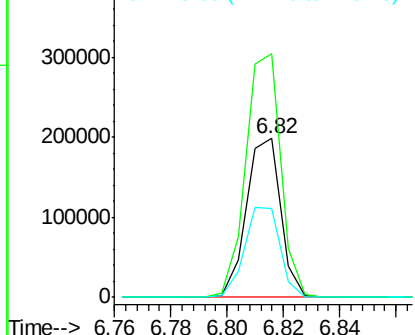
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF120901.D
Acq: 16 Jul 2020 22:54

Instrument :
BNA_F
ClientSampleId :
9

Tot Ion:152 Resp: 167694
Ion Ratio Lower Upper
152 100
150 153.5 125.0 187.6
115 56.2 47.0 70.4



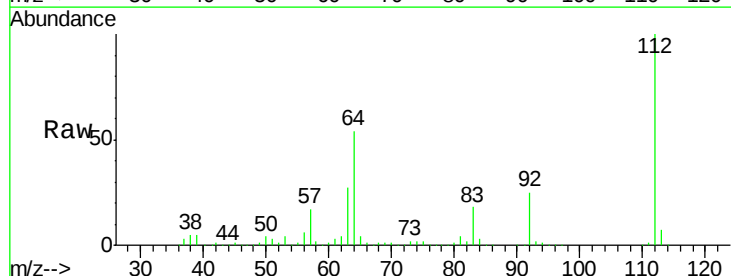
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



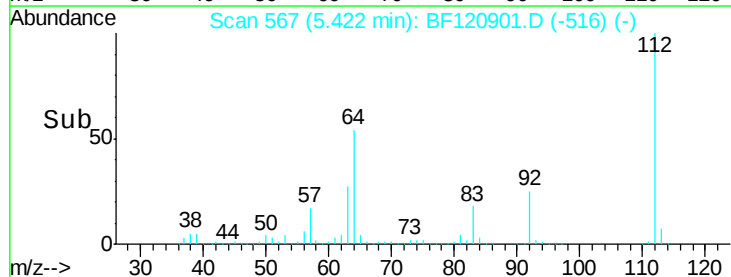
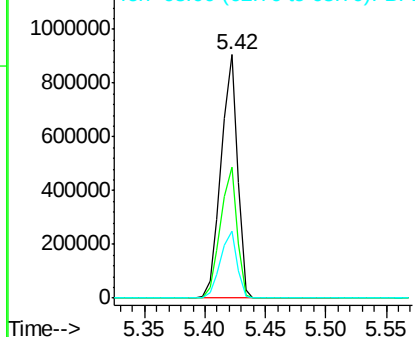
#5

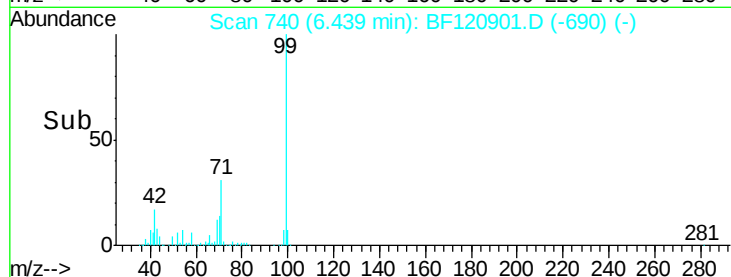
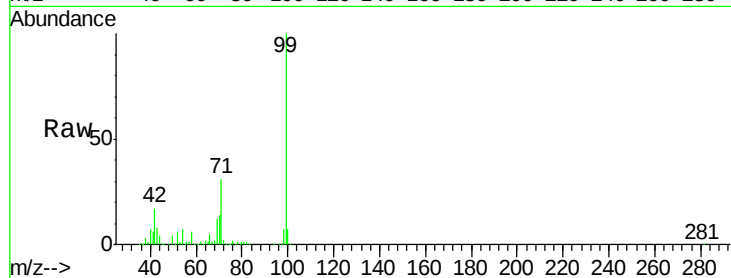
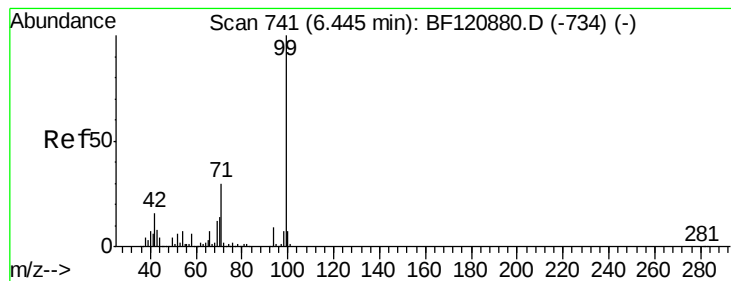
2-Fluorophenol
Concen: 83.166 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF120901.D
Acq: 16 Jul 2020 22:54

Tgt Ion:112 Resp: 850725
Ion Ratio Lower Upper
112 100
64 53.9 41.3 61.9
63 27.3 21.1 31.7



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: 79.590 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120901.D

Acq: 16 Jul 2020 22:54

Instrument :

BNA_F

ClientSampleId :

9

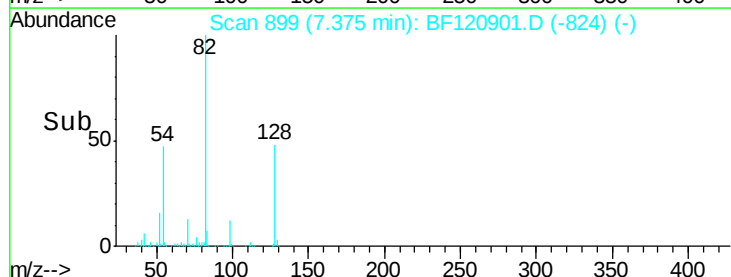
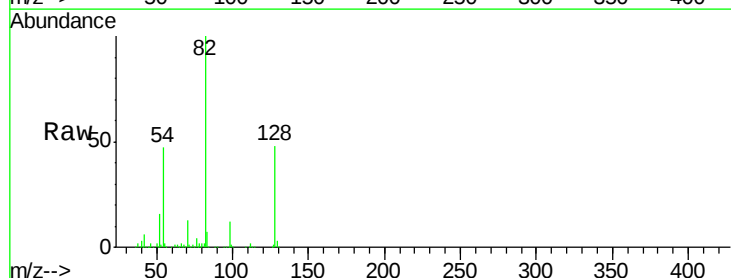
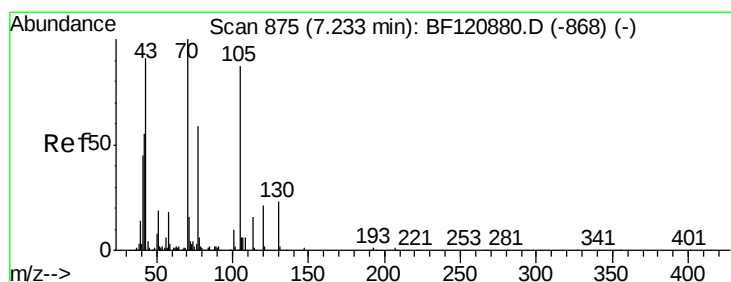
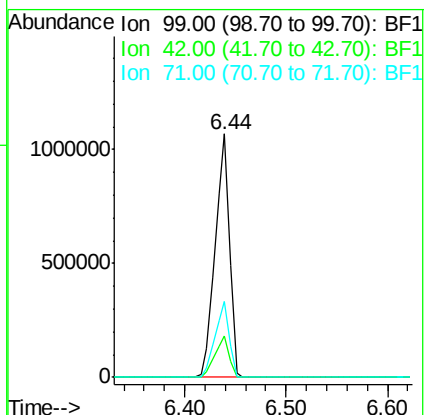
Tot Ion: 99 Resp: 1051666

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

71 31.2 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 11.037 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120901.D

Acq: 16 Jul 2020 22:54

Tgt Ion: 70 Resp: 82928

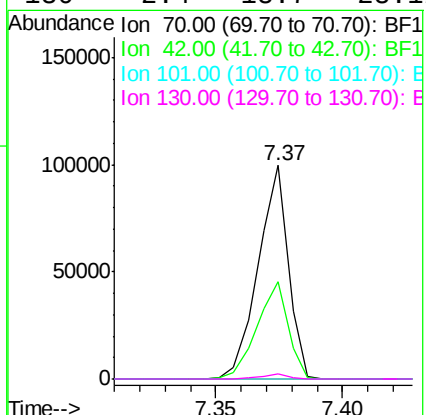
Ion Ratio Lower Upper

70 100

42 45.7 44.0 66.0

101 0.0 7.8 11.6#

130 2.4 18.7 28.1#

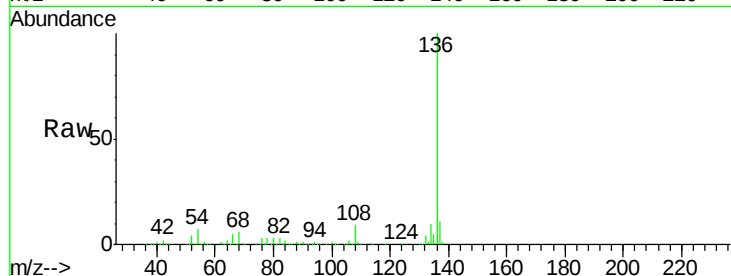




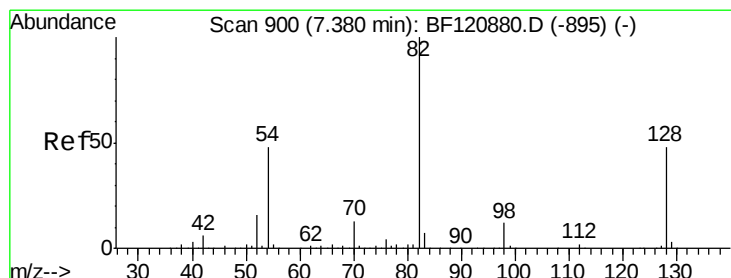
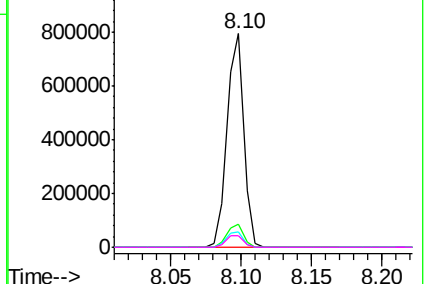
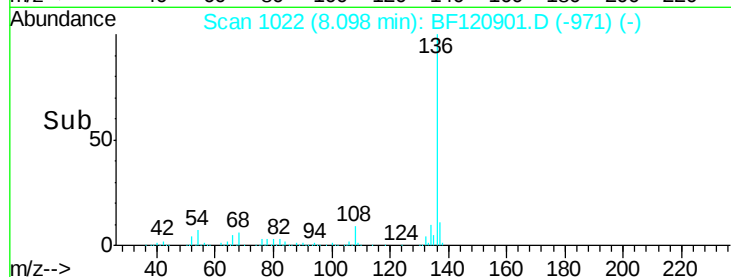
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF120901.D
Acq: 16 Jul 2020 22:54

Instrument :
BNA_F
ClientSampleId :
9

Tot Ion:136	Resp: 653030
Ion Ratio	Lower Upper
136 100	
137 10.8	9.3 13.9
54 7.0	6.3 9.5
68 5.6	5.0 7.4

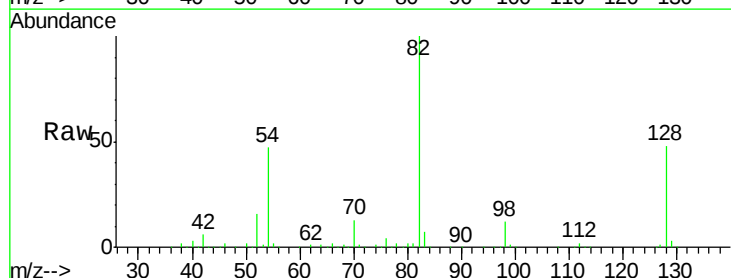


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

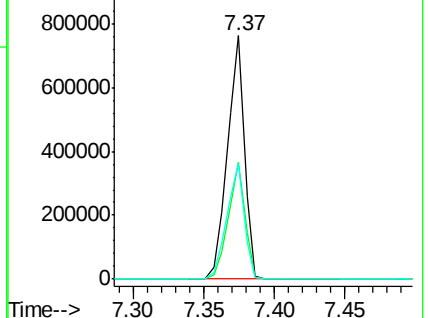
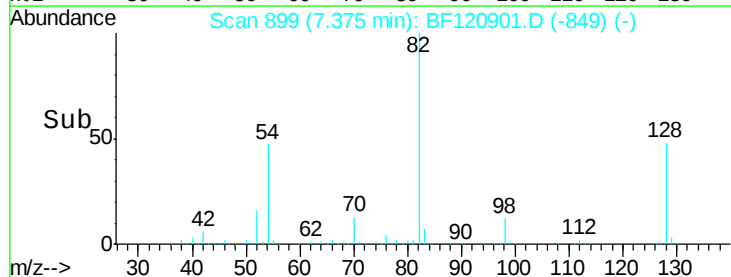


#23
Nitrobenzene-d5
Concen: 56.585 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120901.D
Acq: 16 Jul 2020 22:54

Tgt Ion: 82	Resp: 638602
Ion Ratio	Lower Upper
82 100	
128 48.3	38.2 57.4
54 47.4	38.7 58.1



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: 28.315 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120901.D

Acq: 16 Jul 2020 22:54

Instrument :

BNA_F

ClientSampled :

9

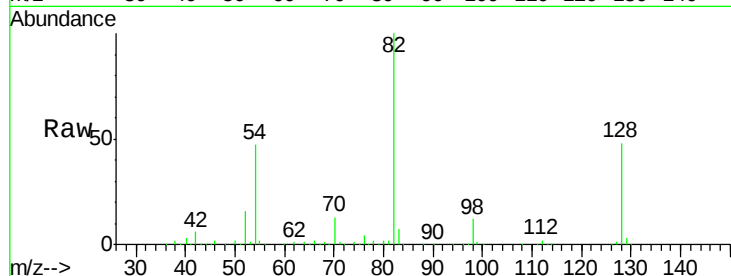
Tot Ion: 82 Resp: 637754

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

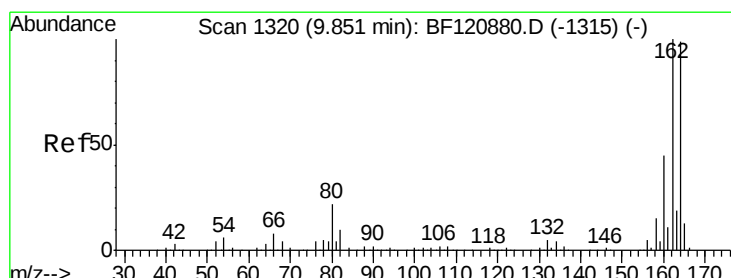
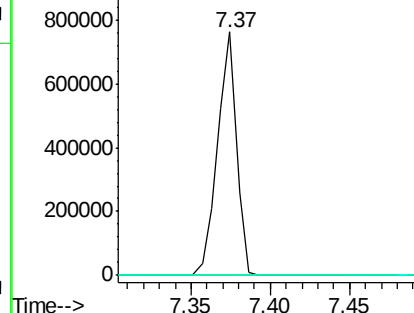
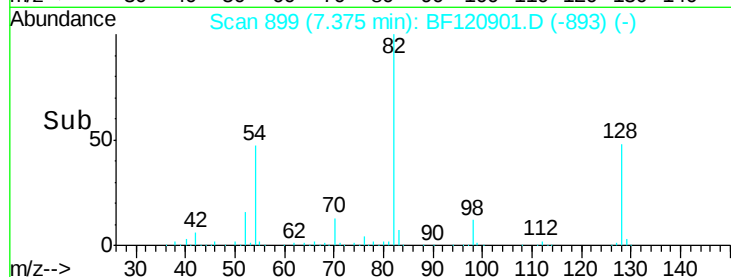
138 0.0 15.6 23.4#



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: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF120901.D

Acq: 16 Jul 2020 22:54

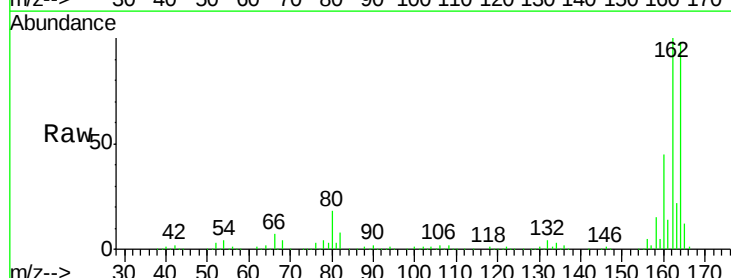
Tgt Ion: 164 Resp: 344998

Ion Ratio Lower Upper

164 100

162 101.8 81.2 121.8

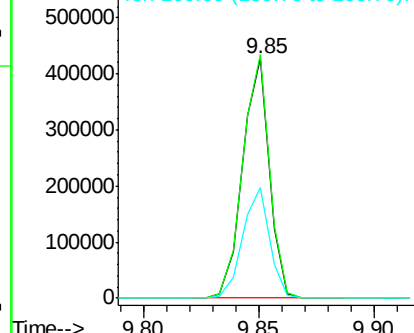
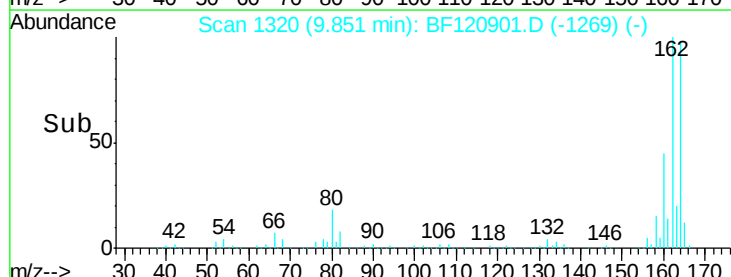
160 46.3 36.9 55.3

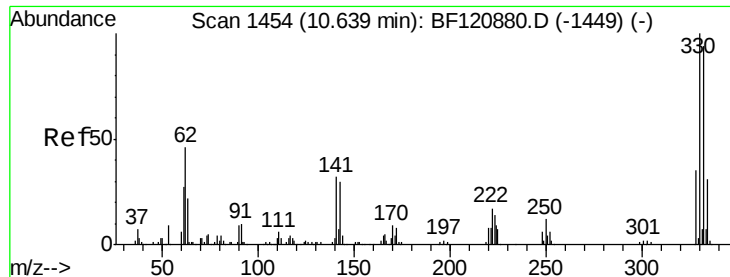


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 85.768 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF120901.D

Acq: 16 Jul 2020 22:54

Instrument :

BNA_F

ClientSampled :

9

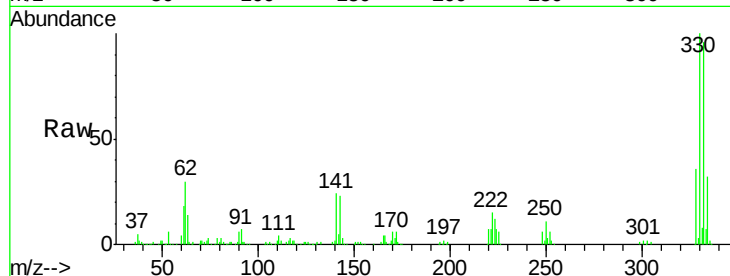
Tot Ion:330 Resp: 323891

Ion Ratio Lower Upper

330 100

332 95.6 75.5 113.3

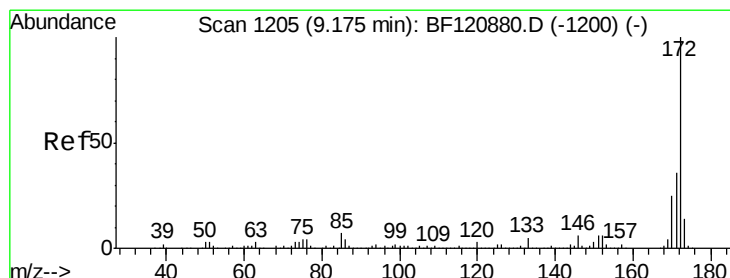
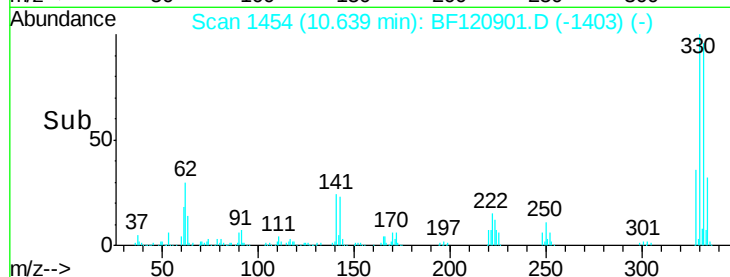
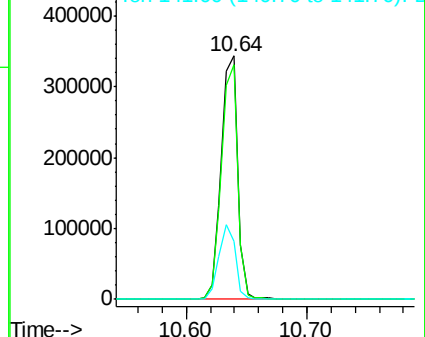
141 30.8 25.7 38.5



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: 51.051 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF120901.D

Acq: 16 Jul 2020 22:54

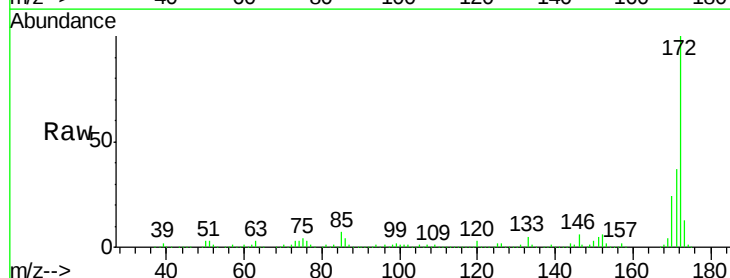
Tgt Ion:172 Resp: 1179637

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.4

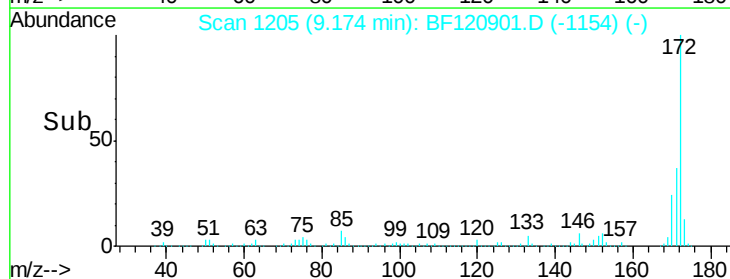
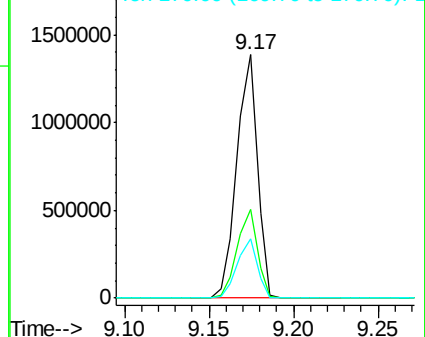
170 24.4 19.6 29.4



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

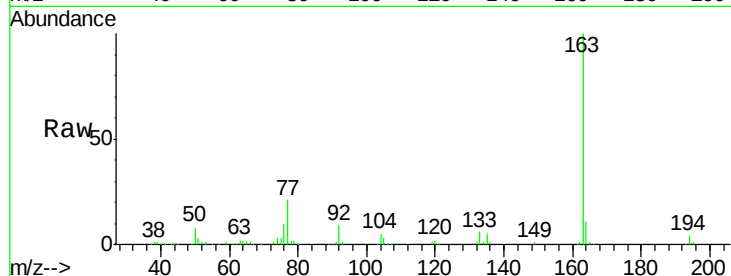




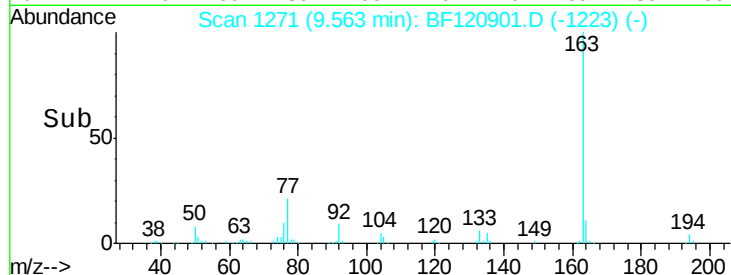
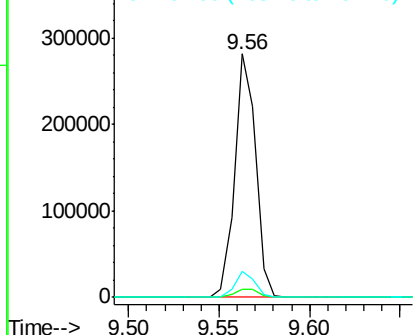
#50
Dimethylphthalate
Concen: 9.109 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF120901.D
Acq: 16 Jul 2020 22:54

Instrument :
BNA_F
ClientSampleId :
9

Tot Ion:163 Resp: 226730
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.5 7.9 11.9

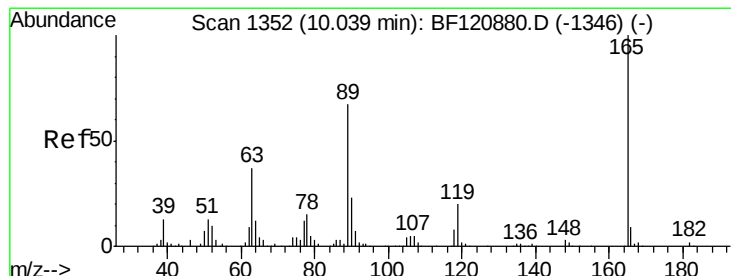


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

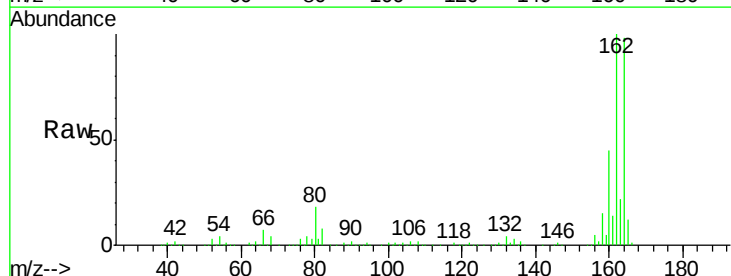
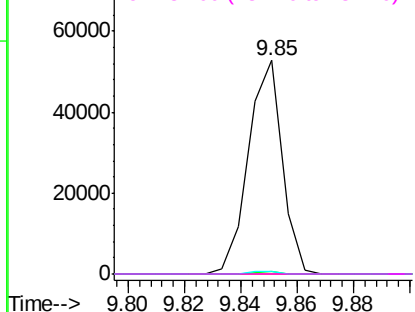


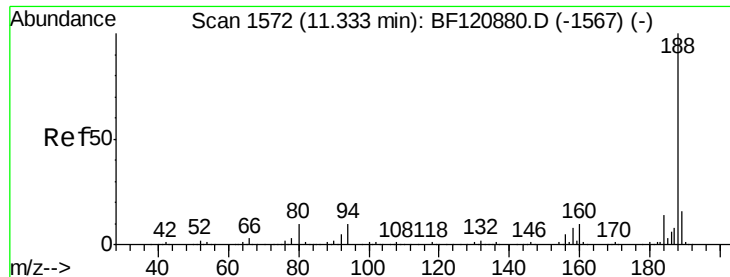
#57
2,4-Dinitrotoluene
Concen: 6.258 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF120901.D
Acq: 16 Jul 2020 22:54

Tgt Ion:165 Resp: 43947
Ion Ratio Lower Upper
165 100
63 1.1 29.4 44.2#
89 1.1 53.4 80.0#
182 0.0 1.8 2.6#



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

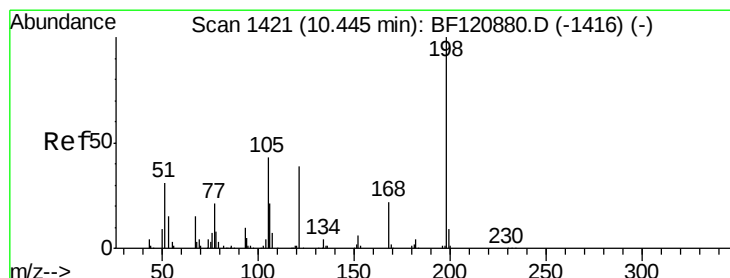
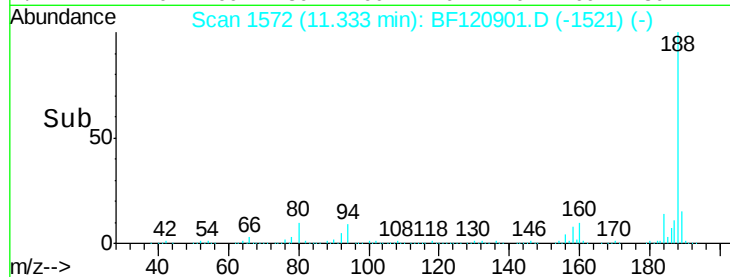
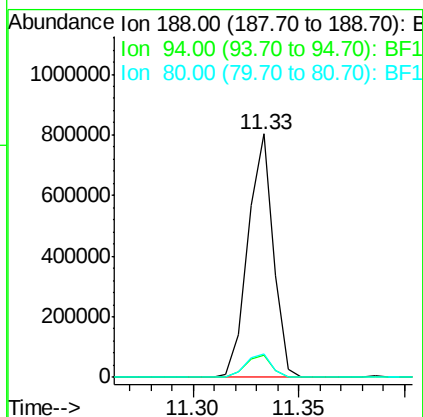
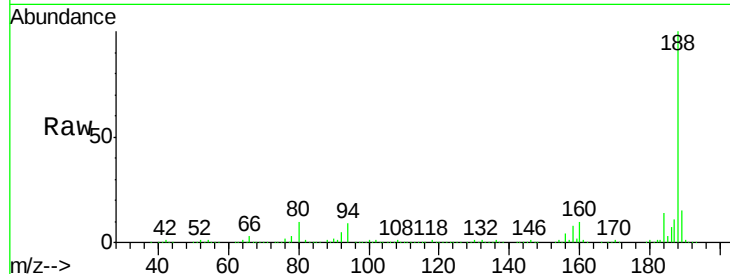




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF120901.D
Acq: 16 Jul 2020 22:54

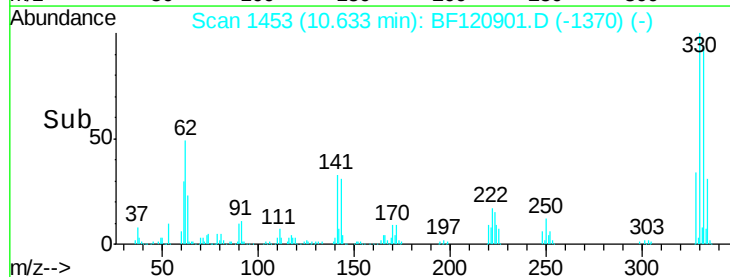
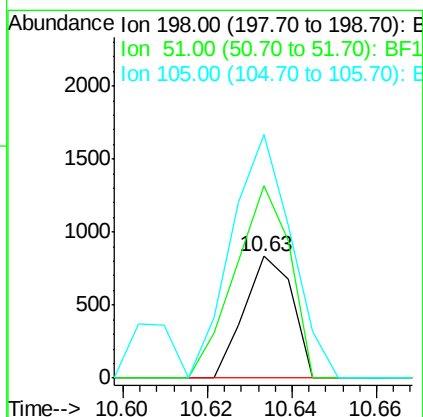
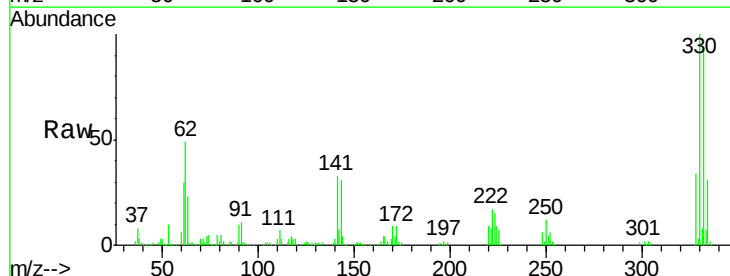
Instrument :
BNA_F
ClientSampleId :
9

Tot Ion:188 Resp: 669375
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 9.5 8.3 12.5



#65
4,6-Dinitro-2-methylphenol
Concen: 3.999 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.19 min
Lab File: BF120901.D
Acq: 16 Jul 2020 22:54

Tgt Ion:198 Resp: 661
Ion Ratio Lower Upper
198 100
51 158.3 19.5 59.5#
105 200.1 24.4 64.4#

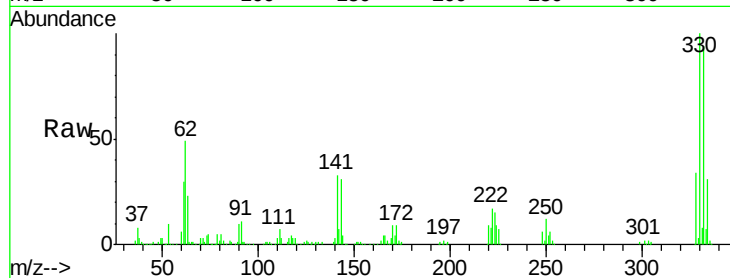




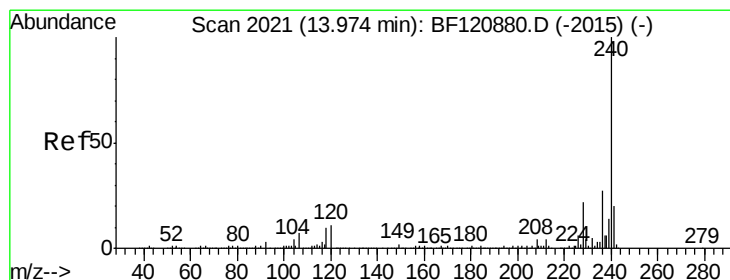
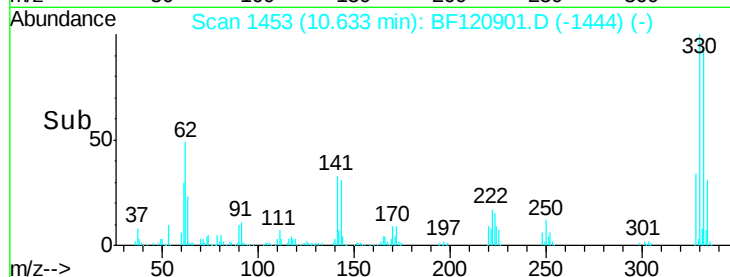
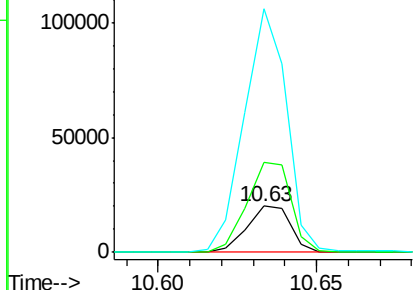
#67
4-Bromophenyl-phenylether
Concen: 2.555 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF120901.D
Acq: 16 Jul 2020 22:54

Instrument :
BNA_F
ClientSampled :
9

Tot Ion:248 Resp: 19067
Ion Ratio Lower Upper
248 100
250 196.7 77.1 115.7#
141 528.5 61.2 91.8#

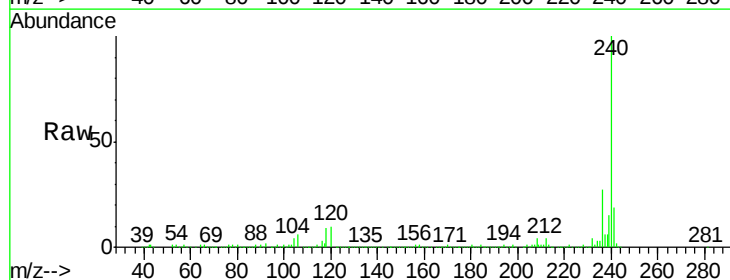


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

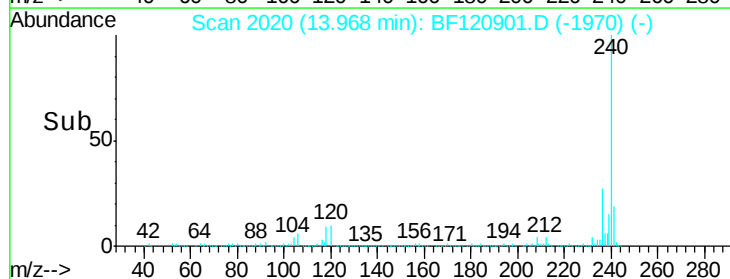
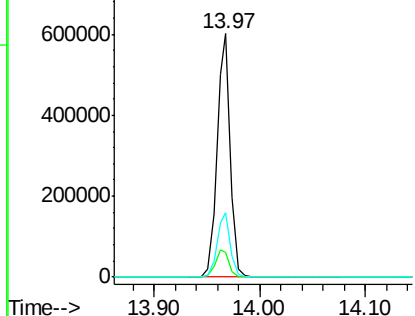


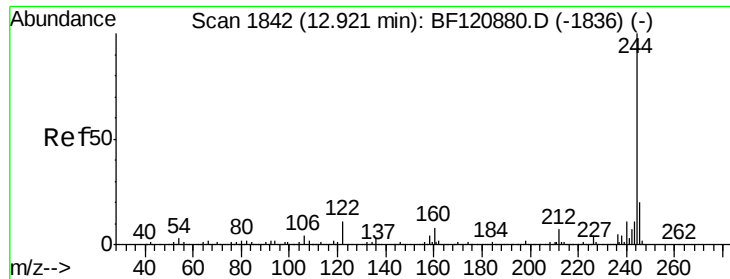
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120901.D
Acq: 16 Jul 2020 22:54

Tgt Ion:240 Resp: 532941
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.4
236 26.6 21.7 32.5



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



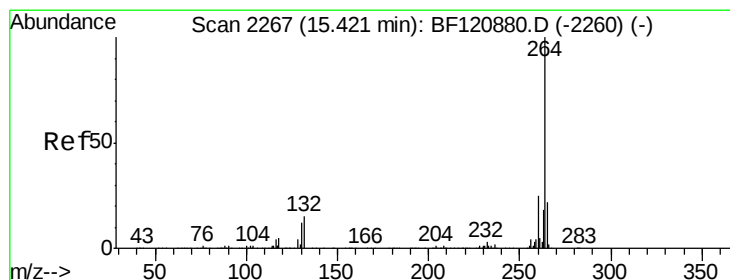
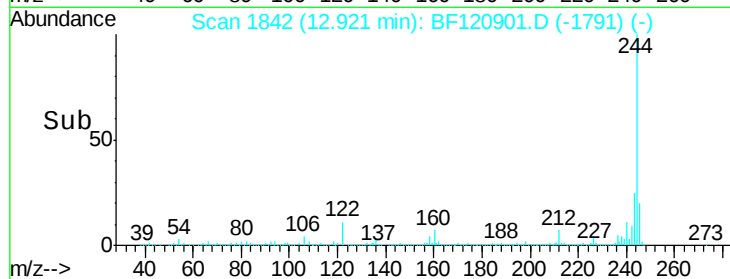
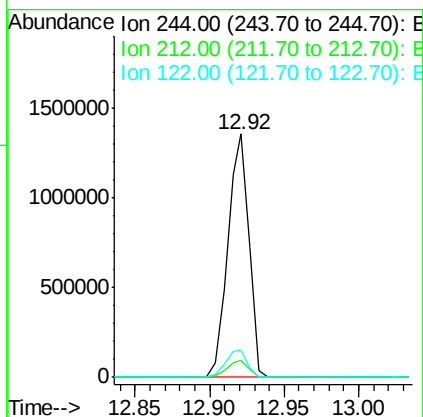
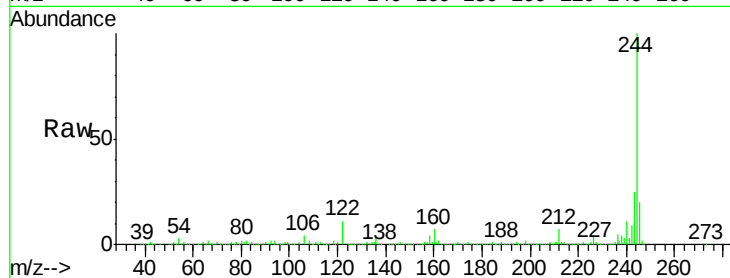


#79
 Terphenyl-d14
 Concen: 55.297 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF120901.D
 Acq: 16 Jul 2020 22:54

Instrument :
 BNA_F
 ClientSampleId :
 9

Tot Ion:244 Resp: 1355691

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	11.2	8.9	13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF120901.D
 Acq: 16 Jul 2020 22:54

Tgt Ion:264 Resp: 431713

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.0	30.0
265	21.6	17.4	26.2

