

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
 Data File : BF121676.D
 Acq On : 23 Sep 2020 20:26
 Operator : JU/CG
 Sample : L4106-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GLOUCESTER-SP

Quant Time: Sep 24 00:24:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

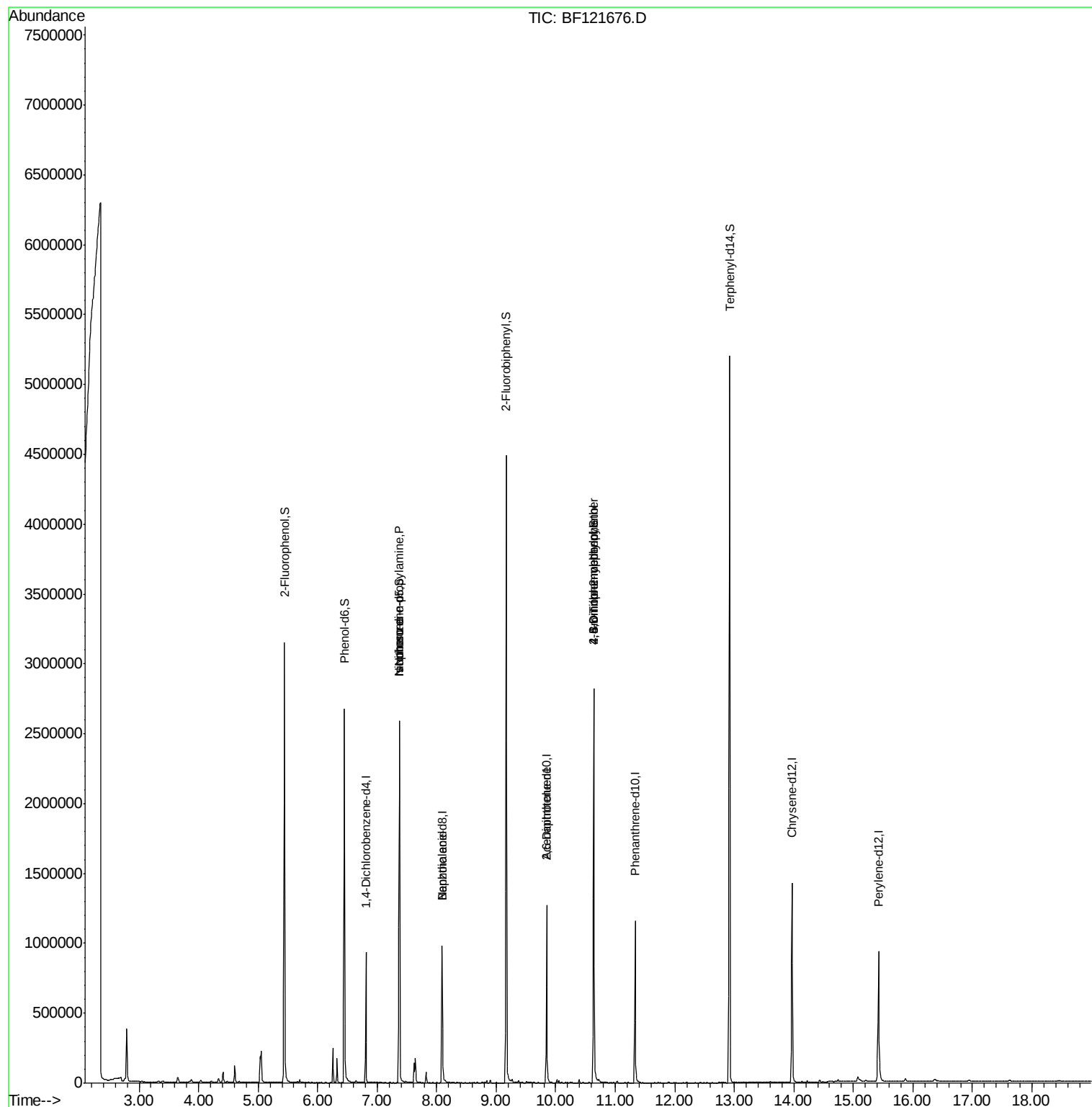
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	127067	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	498650	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	259871	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	513500	20.00	ng	0.00
76) Chrysene-d12	13.97	240	500560	20.00	ng	-0.01
86) Perylene-d12	15.42	264	463370	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	894054	104.57	ng	0.01
7) Phenol-d6	6.45	99	1015367	90.52	ng	0.00
23) Nitrobenzene-d5	7.37	82	875097	94.23	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	439689	136.13	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1519471	88.55	ng	0.00
79) Terphenyl-d14	12.92	244	1893098	76.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	117652	18.199	ng	# 78
25) Isophorone	7.37	82	869953	46.533	ng	# 67
32) Benzoic acid	8.09	122	114	6.951	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	32632	8.135	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.63	198	712	7.046	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	25033	4.282	ng	# 1

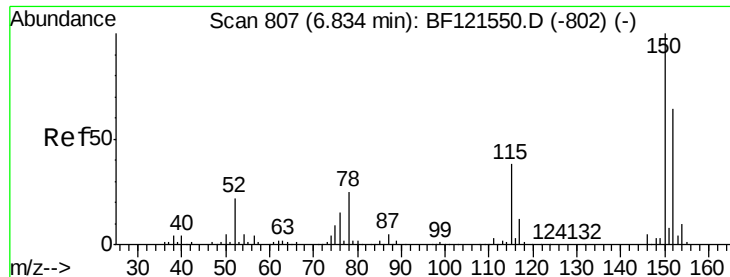
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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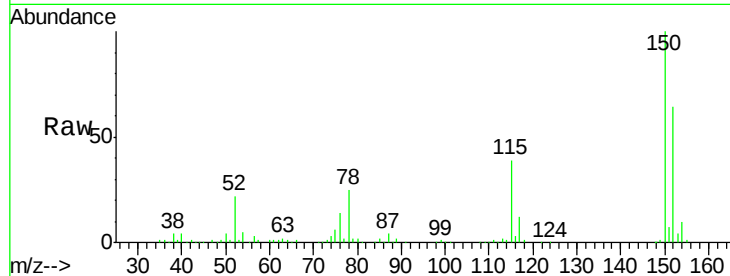


#1

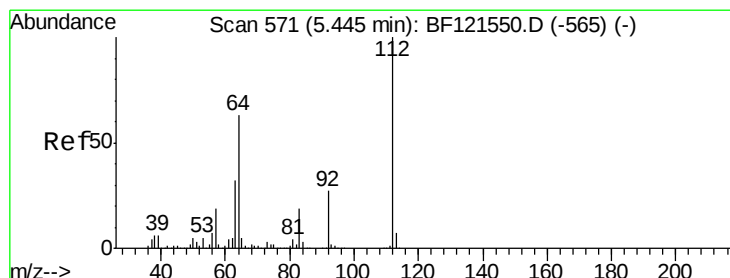
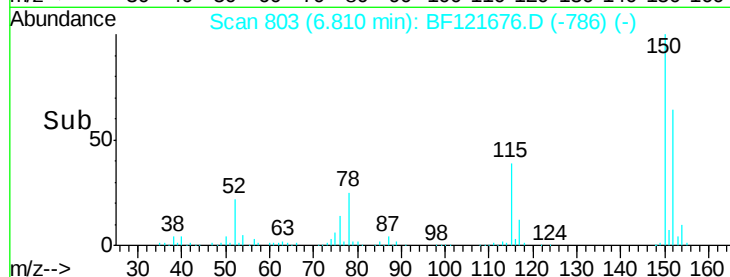
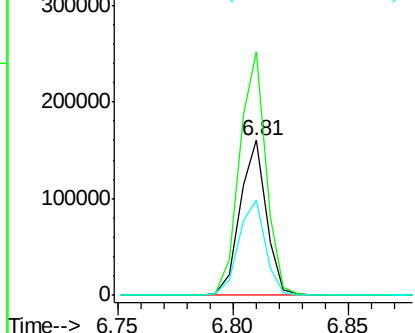
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF121676.D
Acq: 23 Sep 2020 20:26

Instrument :
BNA_F
ClientSampleId :
GLOUCESTER-SP

Tot Ion:152 Resp: 127067
Ion Ratio Lower Upper
152 100
150 157.3 128.1 192.1
115 61.4 52.6 79.0



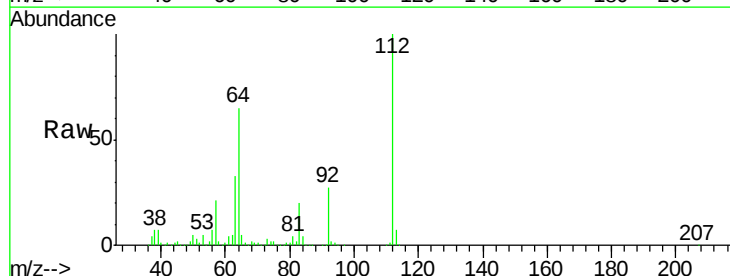
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



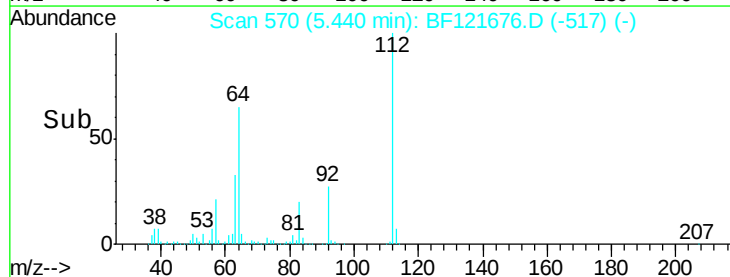
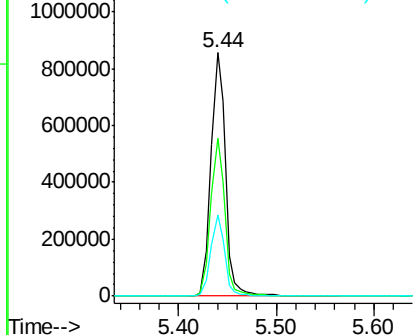
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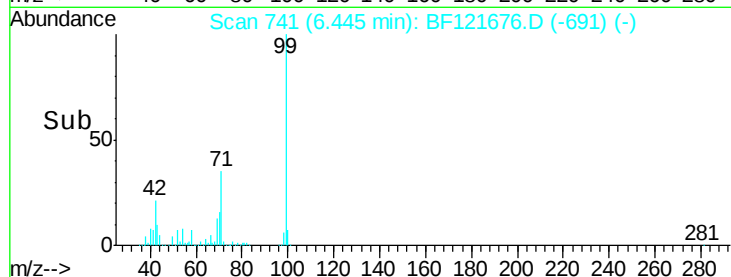
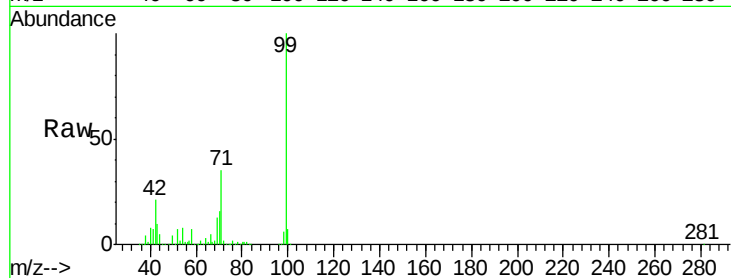
2-Fluorophenol
Concen: 104.565 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF121676.D
Acq: 23 Sep 2020 20:26

Tgt Ion:112 Resp: 894054
Ion Ratio Lower Upper
112 100
64 64.6 52.2 78.2
63 33.1 26.6 39.8



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: 90.517 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF121676.D

Acq: 23 Sep 2020 20:26

Instrument :

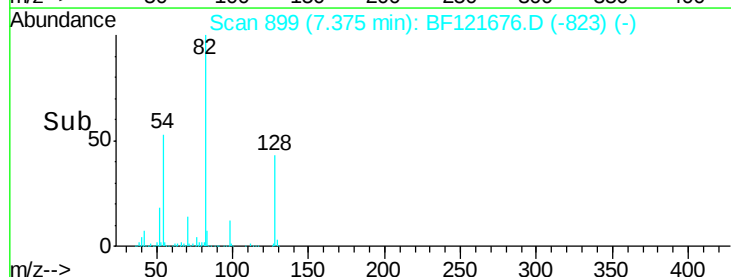
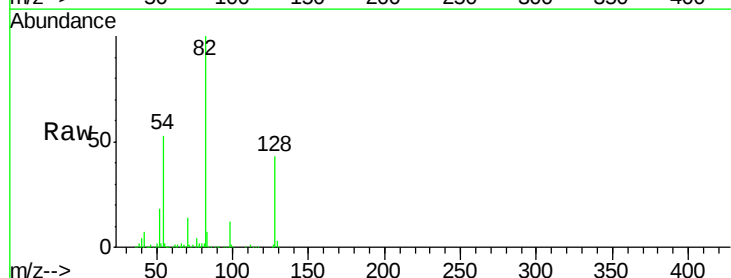
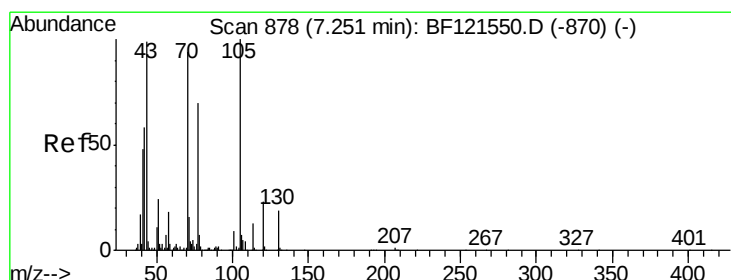
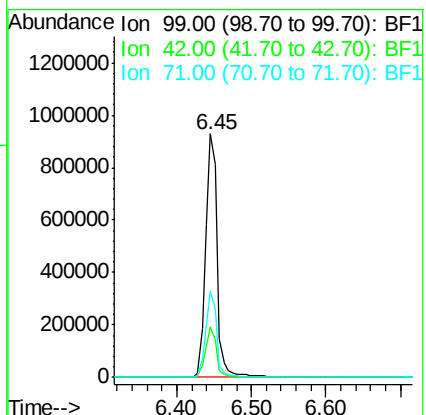
BNA_F

ClientSampleId :

GLOUCESTER-SP

Tot Ion: 99 Resp: 1015367

Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.5	23.3
71	35.3	27.4	41.2



#19

n-Nitroso-di-n-propylamine

Concen: 18.199 ng

RT: 7.37 min Scan# 899

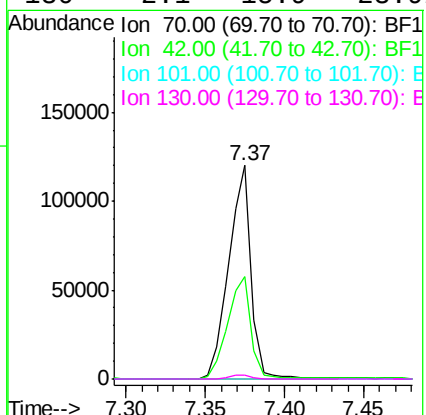
Delta R.T. 0.15 min

Lab File: BF121676.D

Acq: 23 Sep 2020 20:26

Tgt Ion: 70 Resp: 117652

Ion	Ratio	Lower	Upper
70	100		
42	48.0	48.3	72.5#
101	0.0	7.6	11.4#
130	2.1	15.9	23.9#

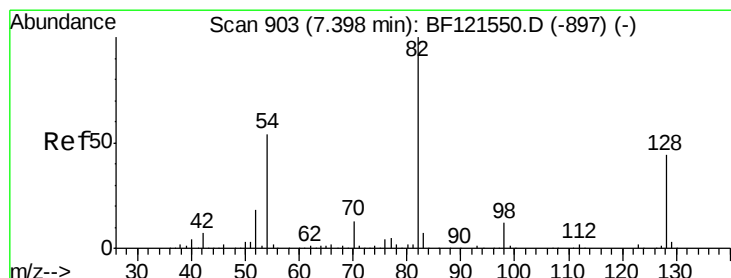
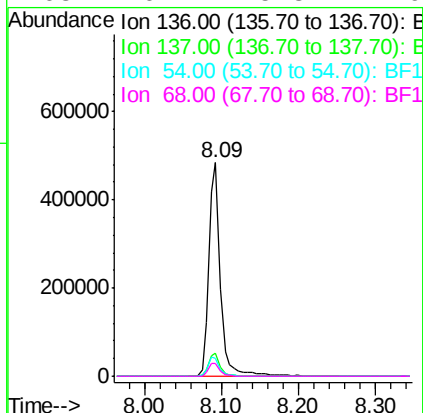
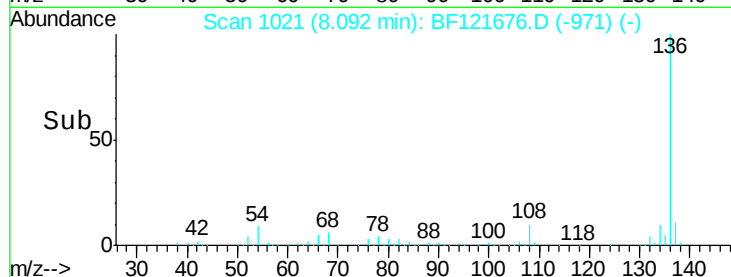
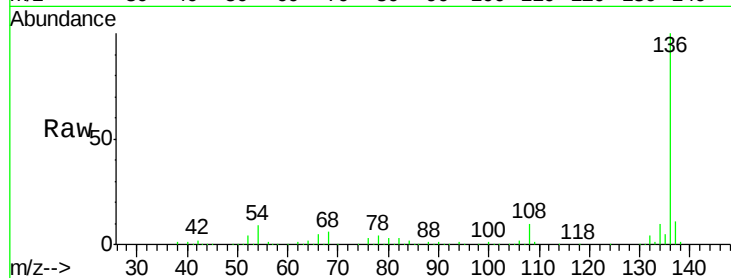




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121676.D
Acq: 23 Sep 2020 20:26

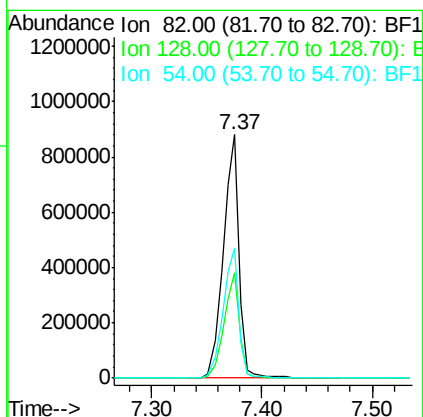
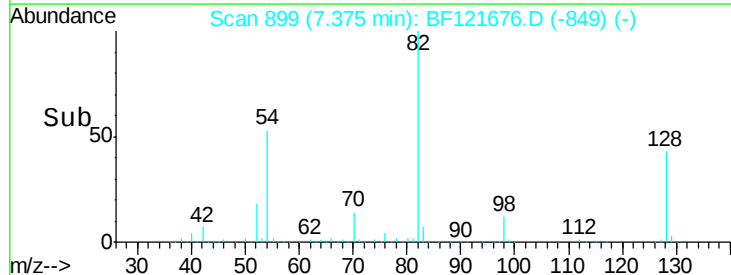
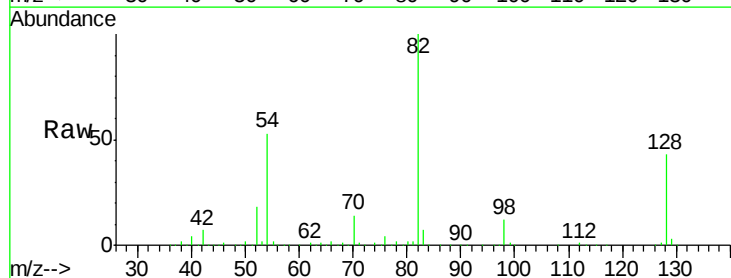
Instrument :
BNA_F
ClientSampleId :
GLOUCESTER-SP

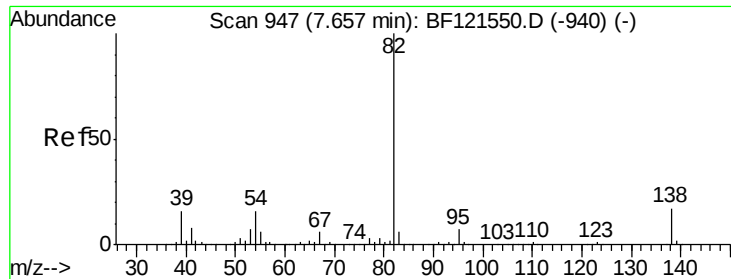
Tot Ion:136	Resp:	498650
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	8.7	7.4 11.0
68	6.1	5.3 7.9



#23
Nitrobenzene-d5
Concen: 94.226 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121676.D
Acq: 23 Sep 2020 20:26

Tgt Ion: 82	Resp:	875097
Ion	Ratio	Lower Upper
82	100	
128	43.4	33.9 50.9
54	53.1	42.9 64.3

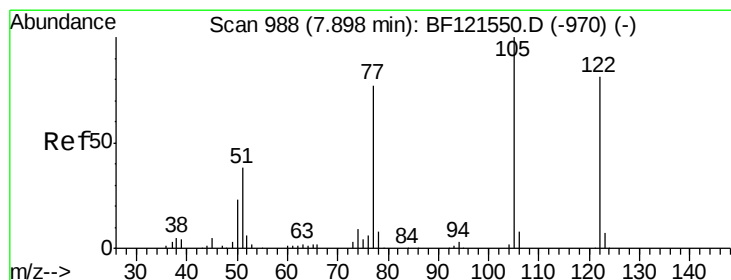
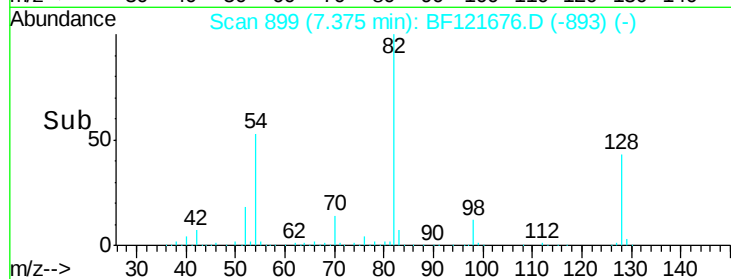
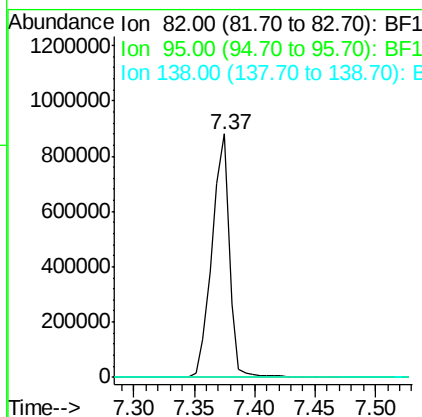
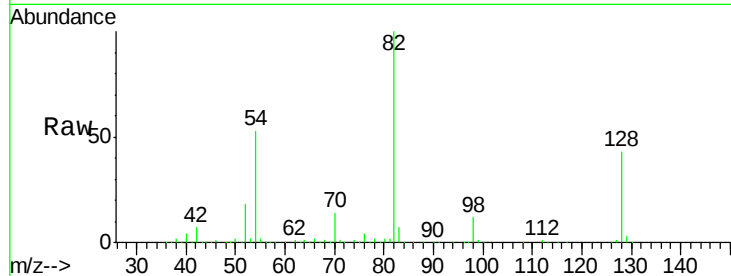




#25
Isophorone
Concen: 46.533 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF121676.D
Acq: 23 Sep 2020 20:26

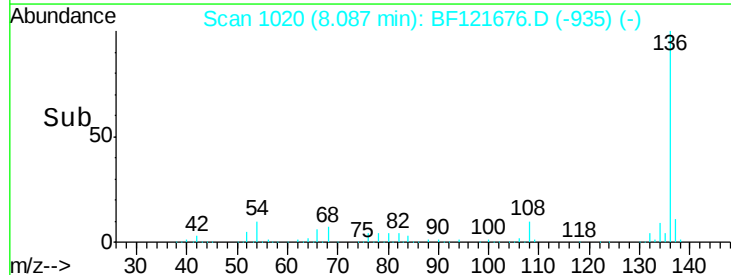
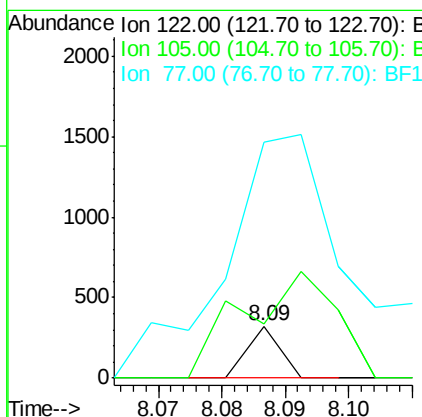
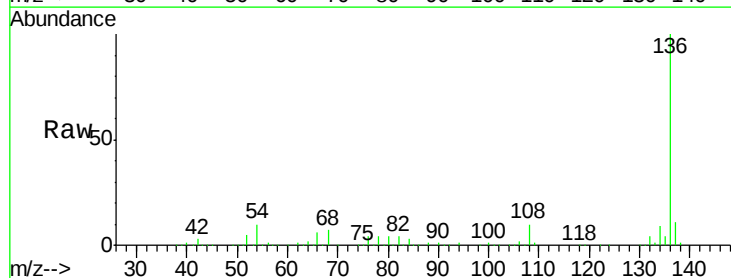
Instrument :
BNA_F
ClientSampleId :
GLOUCESTER-SP

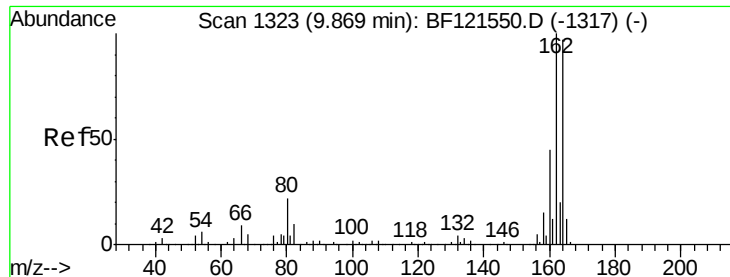
Tot Ion: 82 Resp: 869953
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.2 19.8#



#32
Benzoic acid
Concen: 6.951 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.20 min
Lab File: BF121676.D
Acq: 23 Sep 2020 20:26

Tgt Ion: 122 Resp: 114
Ion Ratio Lower Upper
122 100
105 105.3 101.9 141.9
77 455.3 69.0 109.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121676.D

Acq: 23 Sep 2020 20:26

Instrument :

BNA_F

ClientSampleId :

GLOUCESTER-SP

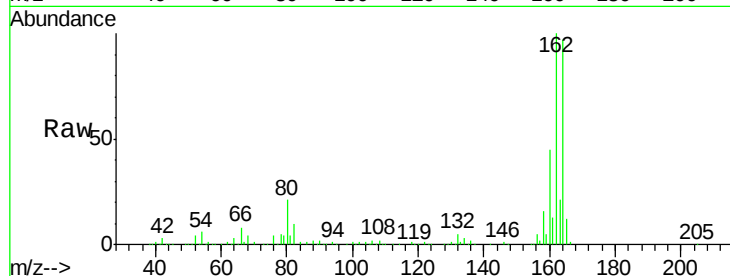
Tot Ion:164 Resp: 259871

Ion Ratio Lower Upper

164 100

162 102.7 81.2 121.8

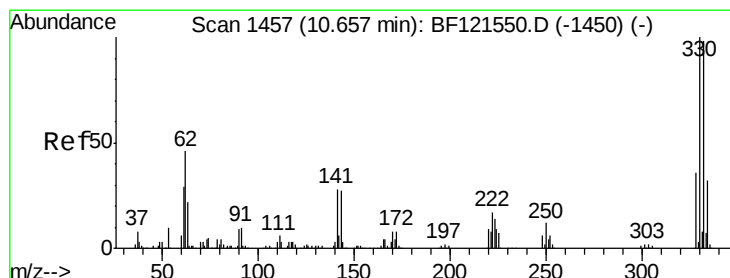
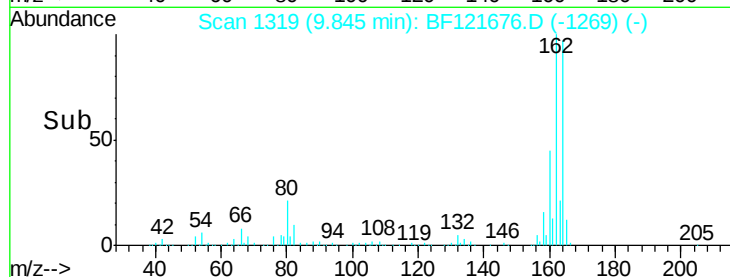
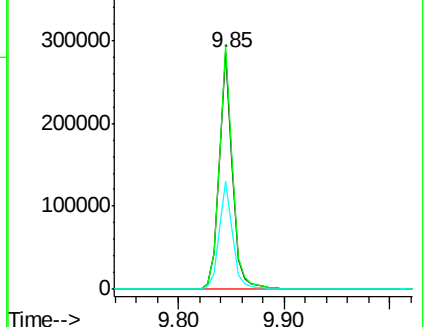
160 45.8 36.2 54.4



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: 136.133 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF121676.D

Acq: 23 Sep 2020 20:26

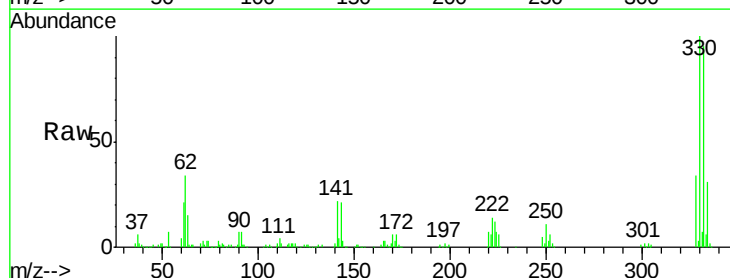
Tgt Ion:330 Resp: 439689

Ion Ratio Lower Upper

330 100

332 95.0 76.9 115.3

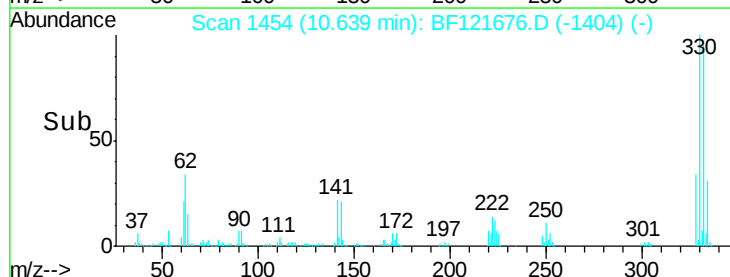
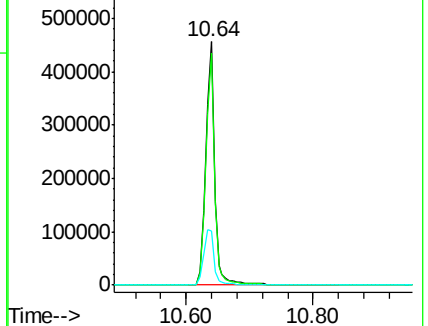
141 26.9 22.4 33.6

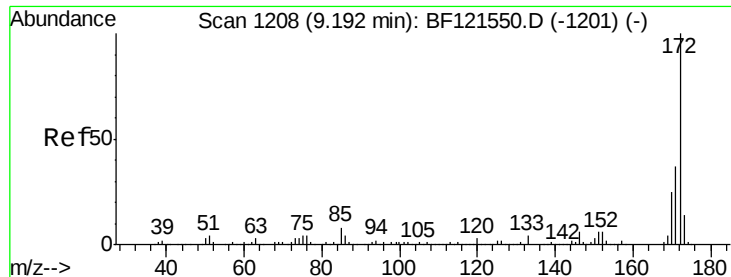


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



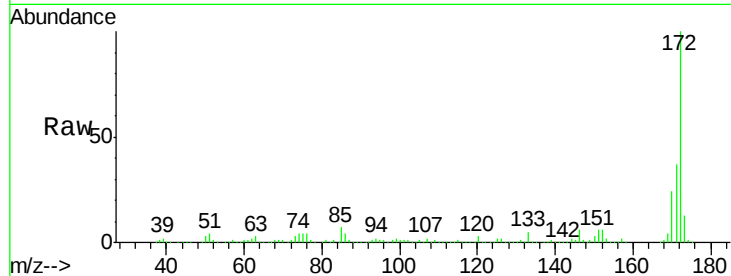


#45
 2-Fluorobiphenyl
 Concen: 88.555 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121676.D
 Acq: 23 Sep 2020 20:26

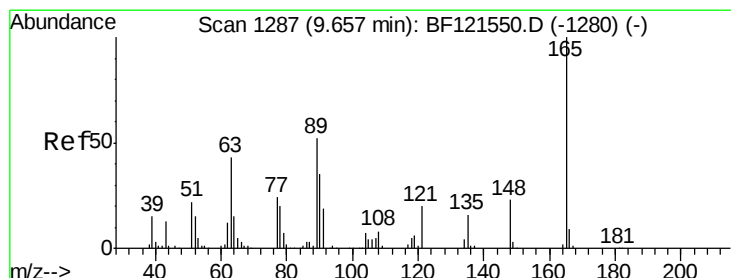
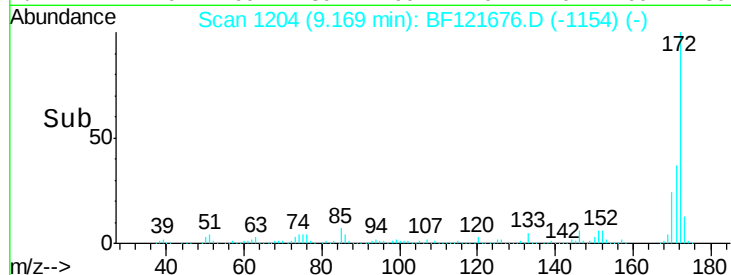
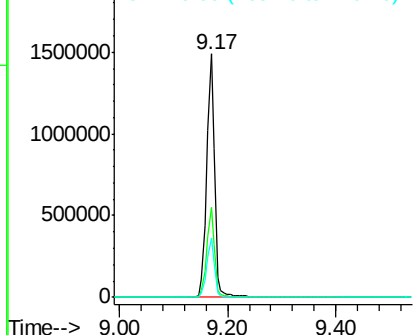
Instrument :
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Tot Ion:172 Resp: 1519471

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.3	43.9
170	24.4	19.5	29.3



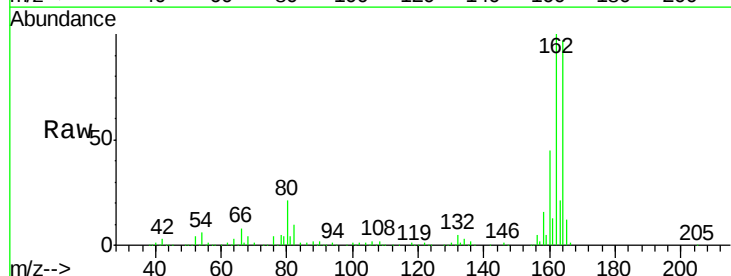
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



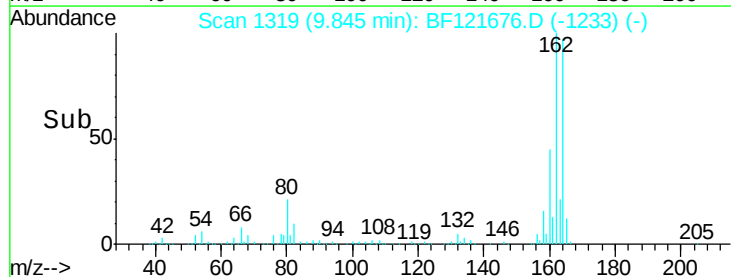
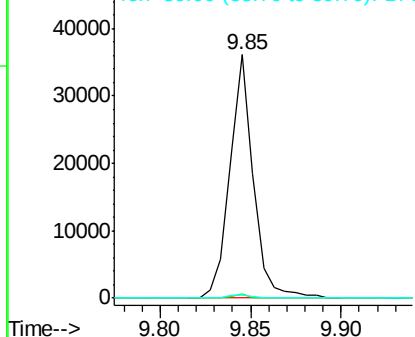
#51
 2,6-Dinitrotoluene
 Concen: 8.135 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF121676.D
 Acq: 23 Sep 2020 20:26

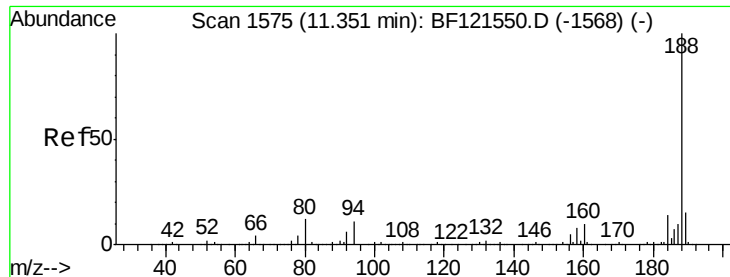
Tgt Ion:165 Resp: 32632

Ion	Ratio	Lower	Upper
165	100		
63	1.6	47.6	71.4#
89	1.3	46.0	69.0#



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

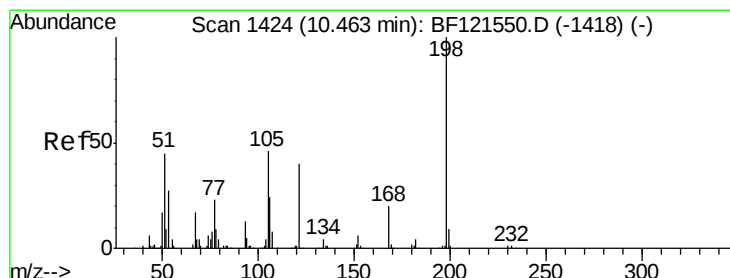
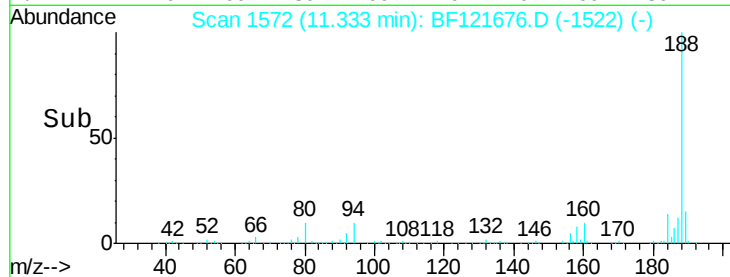
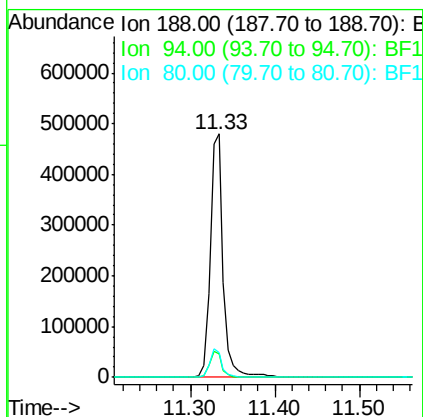
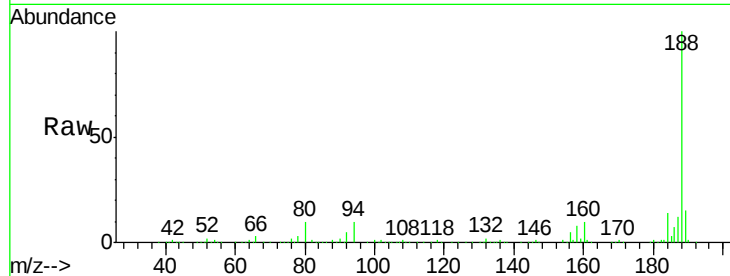




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF121676.D
Acq: 23 Sep 2020 20:26

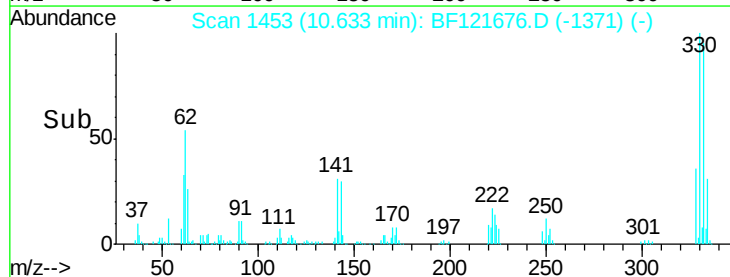
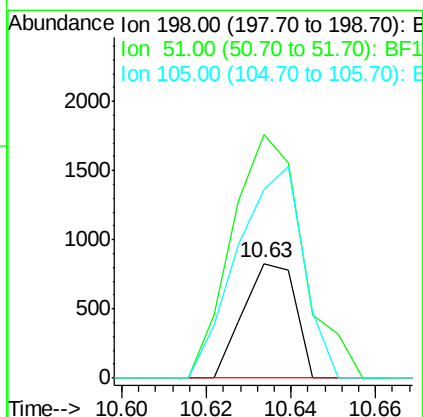
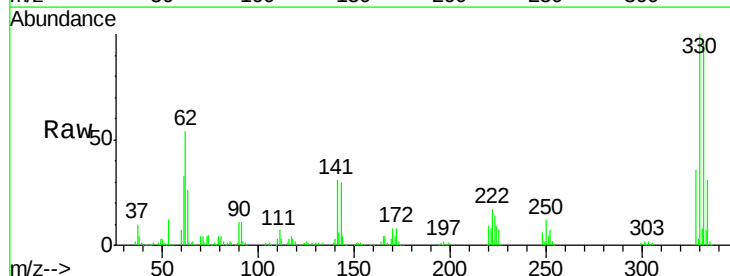
Instrument :
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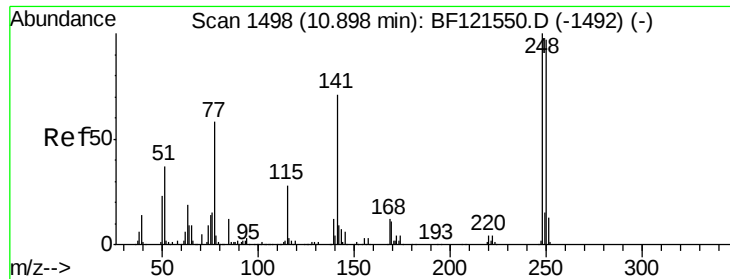
Tot Ion:188 Resp: 513500
Ion Ratio Lower Upper
188 100
94 9.6 8.4 12.6
80 10.1 9.0 13.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.046 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF121676.D
Acq: 23 Sep 2020 20:26

Tgt Ion:198 Resp: 712
Ion Ratio Lower Upper
198 100
51 211.8 20.3 60.3#
105 164.3 20.2 60.2#

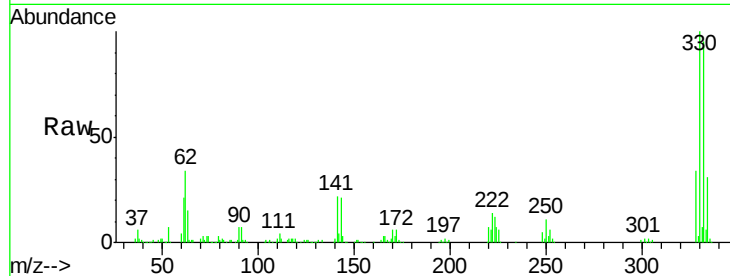




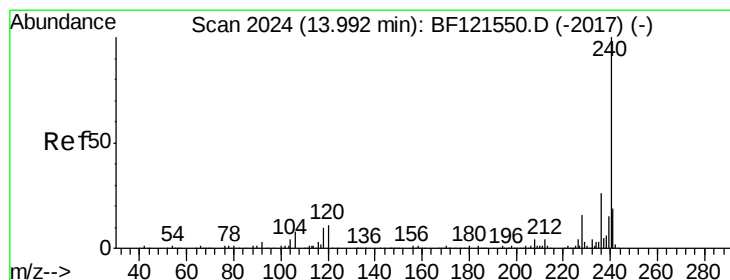
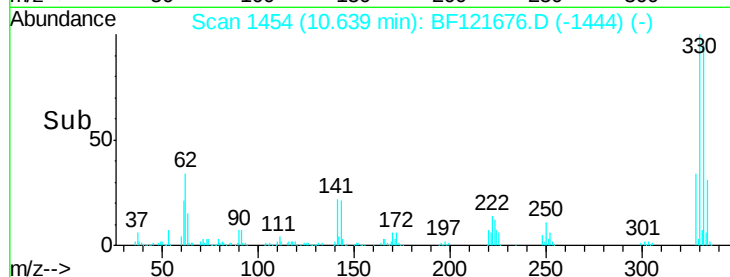
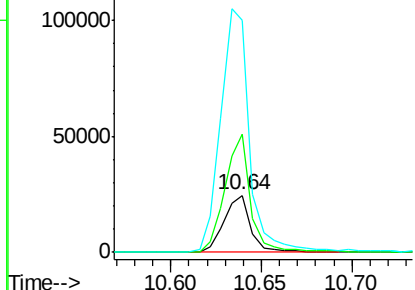
#67
4-Bromophenyl-phenylether
Concen: 4.282 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF121676.D
Acq: 23 Sep 2020 20:26

Instrument :
BNA_F
ClientSampleId :
GLOUCESTER-SP

Tot Ion:248 Resp: 25033
Ion Ratio Lower Upper
248 100
250 205.0 79.4 119.0#
141 405.8 52.2 78.4#

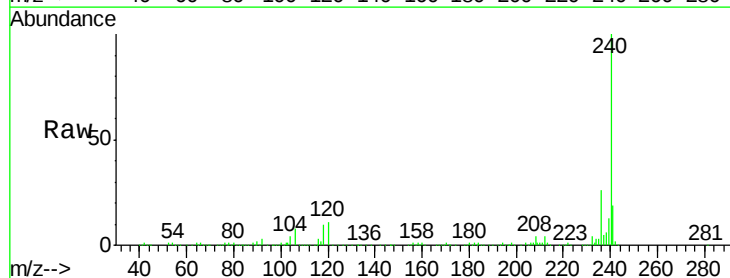


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

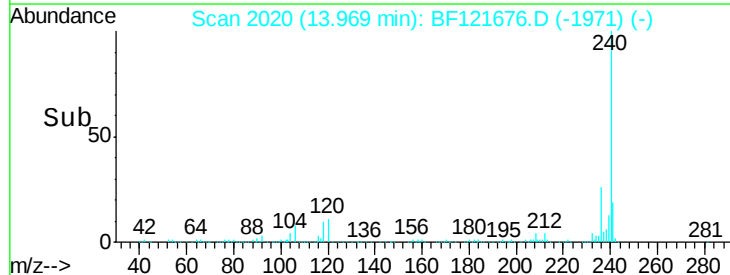
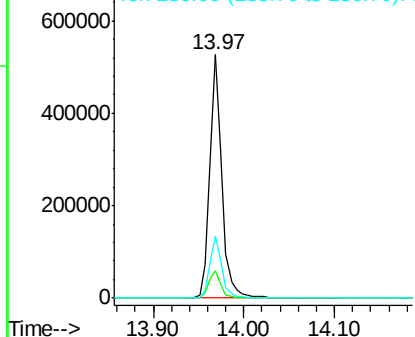


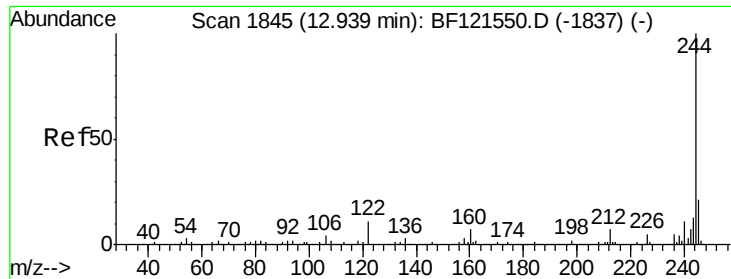
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121676.D
Acq: 23 Sep 2020 20:26

Tgt Ion:240 Resp: 500560
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 25.7 20.4 30.6



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

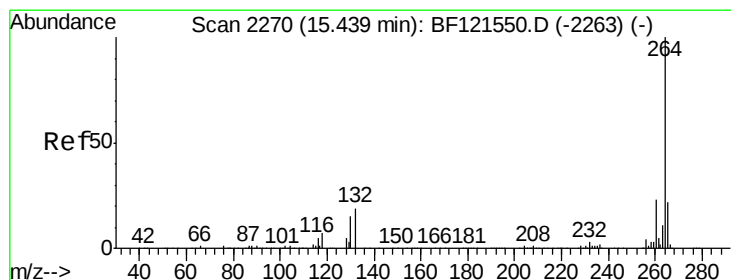
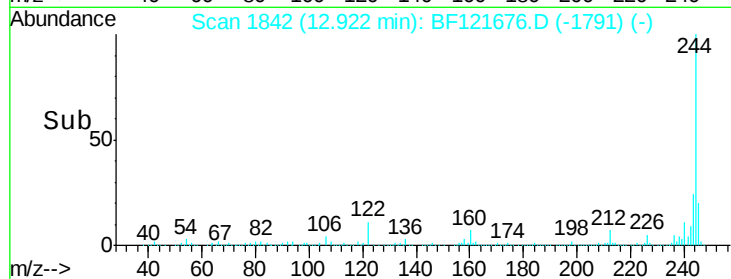
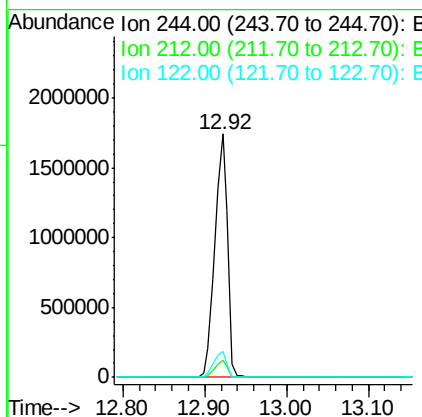
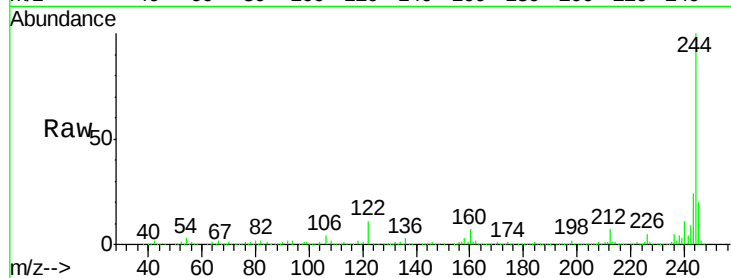




#79
 Terphenyl-d14
 Concen: 76.619 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF121676.D
 Acq: 23 Sep 2020 20:26

Instrument :
 BNA_F
 ClientSampleId :
 GLOUCESTER-SP

Tot Ion:244 Resp: 1893098
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 10.7 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF121676.D
 Acq: 23 Sep 2020 20:26

Tgt Ion:264 Resp: 463370
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.8 28.2
 265 21.8 17.3 25.9

