

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122209.D
 Acq On : 31 Oct 2020 8:38
 Operator : JU/CG
 Sample : L4227-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-102820

Quant Time: Nov 01 23:50:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

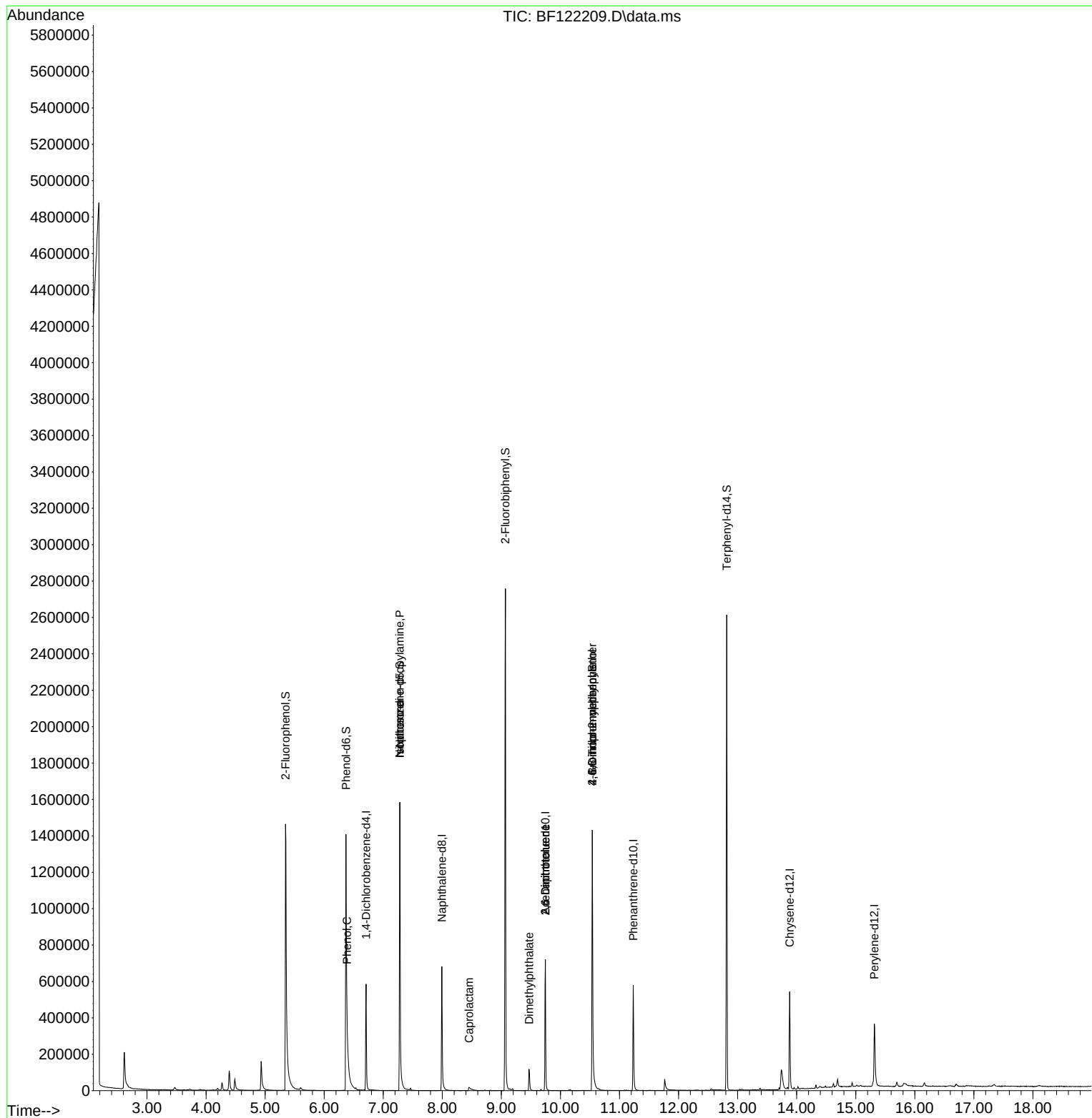
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	88422	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	330773	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	146391	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	228771	20.00	ng	0.00
76) Chrysene-d12	13.880	240	195171	20.00	ng	0.00
86) Perylene-d12	15.315	264	188712	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	609626	101.76	ng	0.01
7) Phenol-d6	6.369	99	675117	87.54	ng	0.00
23) Nitrobenzene-d5	7.281	82	538953	83.56	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	206124	113.83	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	895552	90.01	ng	0.00
79) Terphenyl-d14	12.815	244	768726	75.06	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.381	77	1658	Below Cal	#	3
10) Phenol	6.386	94	51817	6.51 ng		91
19) n-Nitroso-di-n-propyla...	7.281	70	73141	16.66 ng	#	79
25) Isophorone	7.281	82	538947	44.19 ng	#	67
35) Caprolactam	8.451	113	5165	3.21 ng		100
50) Dimethylphthalate	9.469	163	57331	5.36 ng		99
51) 2,6-Dinitrotoluene	9.745	165	18284	7.79 ng	#	21
57) 2,4-Dinitrotoluene	9.745	165	18284	6.33 ng	#	21
65) 4,6-Dinitro-2-methylph...	10.539	198	329	4.63 ng	#	1
67) 4-Bromophenyl-phenylether	10.539	248	12007	4.54 ng	#	1

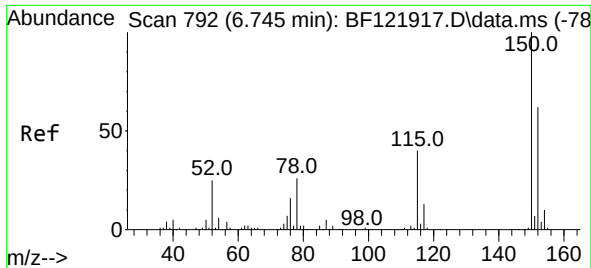
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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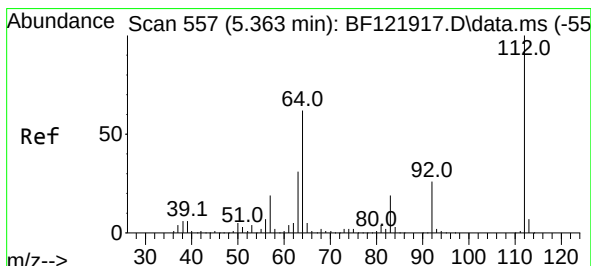
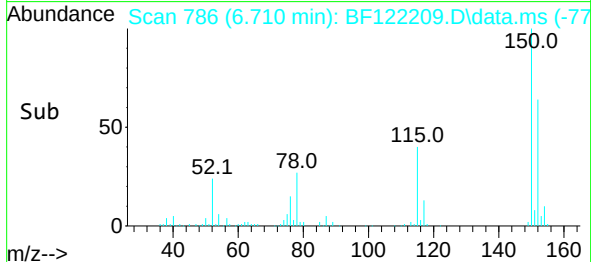
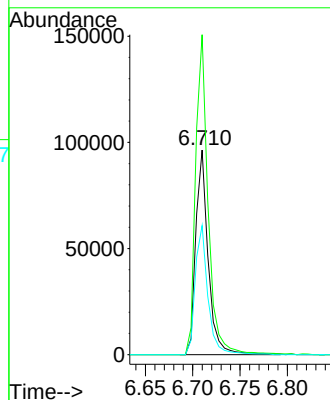
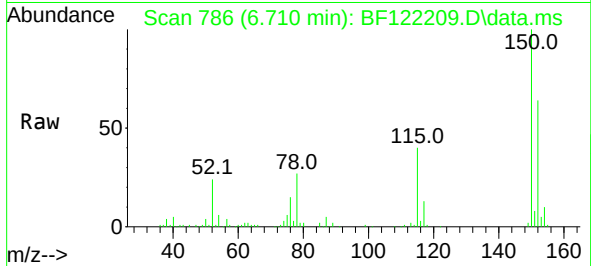




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

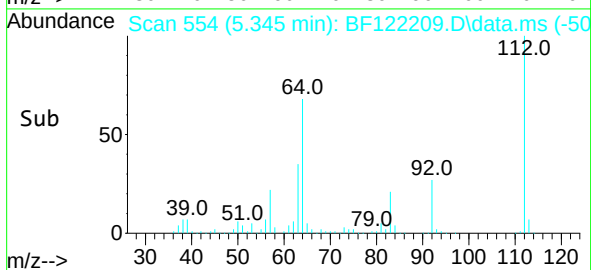
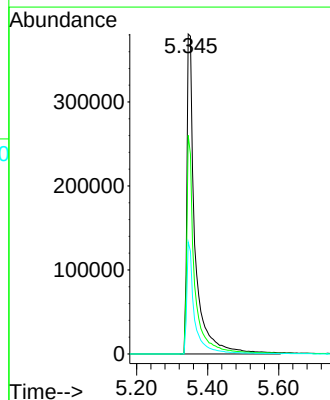
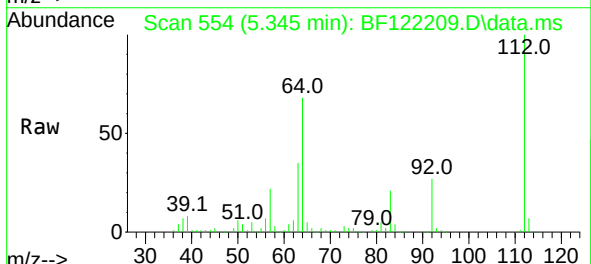
Instrument :
BNA_F
ClientSampleId :
BU-02-102820

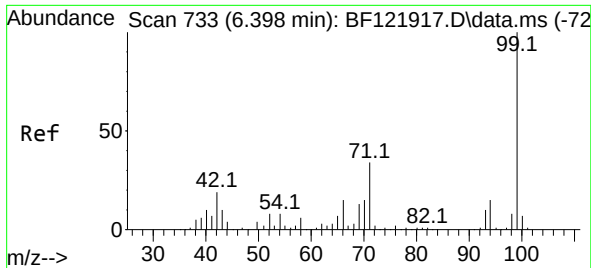
Tgt Ion:152 Resp: 88422
Ion Ratio Lower Upper
152 100
150 156.4 125.3 187.9
115 63.1 51.9 77.9



#5
2-Fluorophenol
Concen: 101.76 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

Tgt Ion:112 Resp: 609626
Ion Ratio Lower Upper
112 100
64 68.3 50.4 75.6
63 35.0 25.8 38.6

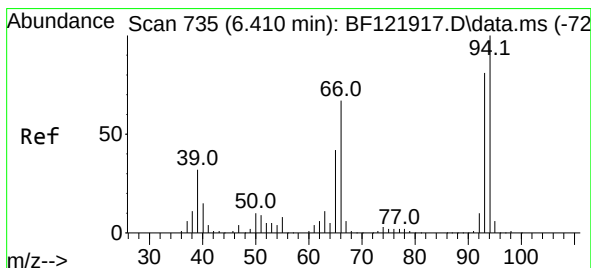
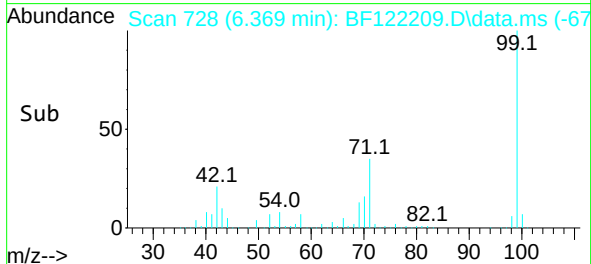
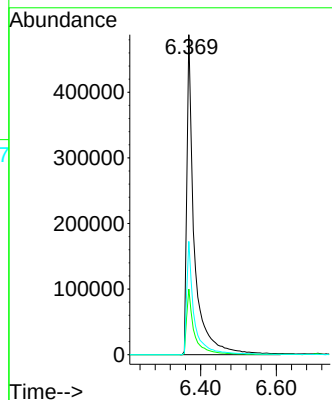
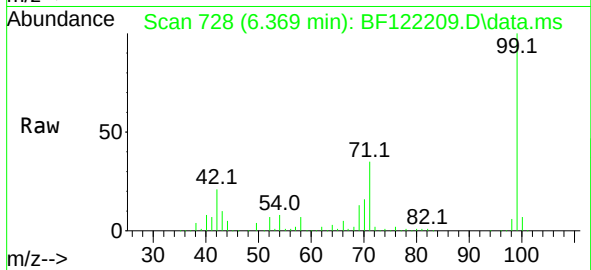




#7
Phenol-d6
Concen: 87.54 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

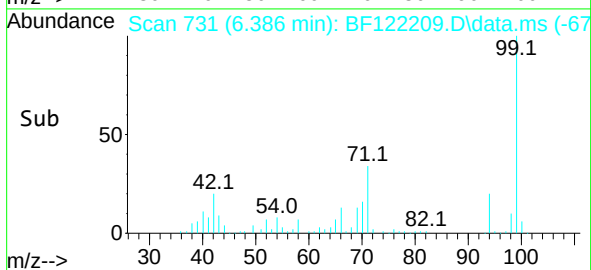
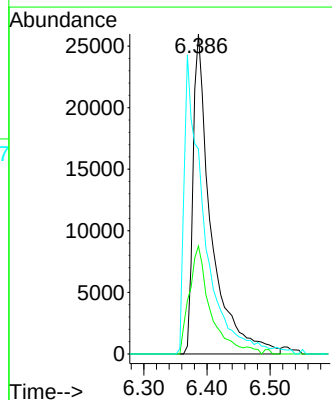
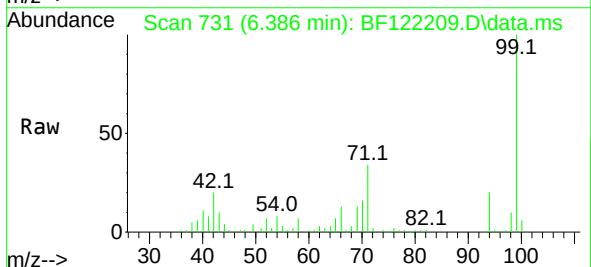
Instrument :
BNA_F
ClientSampleId :
BU-02-102820

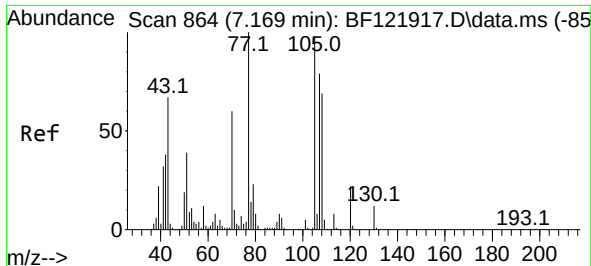
Tgt Ion: 99 Resp: 675117
Ion Ratio Lower Upper
99 100
42 20.5 15.9 23.9
71 35.4 27.1 40.7



#10
Phenol
Concen: 6.51 ng
RT: 6.386 min Scan# 731
Delta R.T. 0.005 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

Tgt Ion: 94 Resp: 51817
Ion Ratio Lower Upper
94 100
65 33.8 17.1 57.1
66 64.1 36.0 76.0

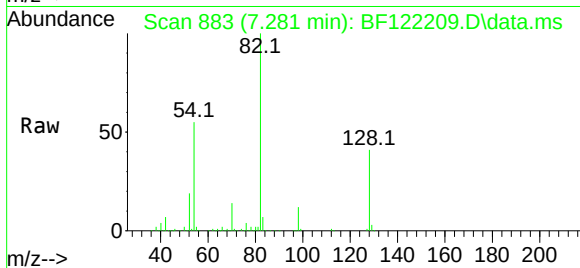




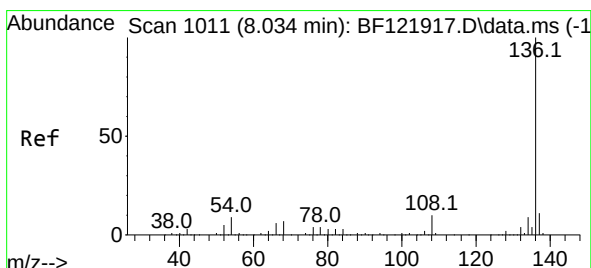
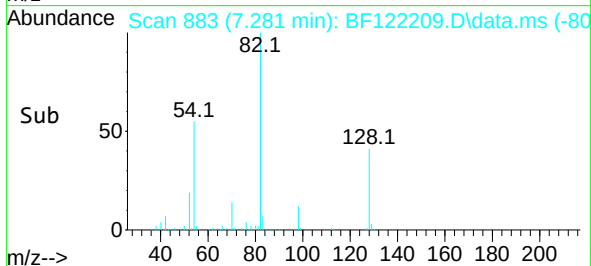
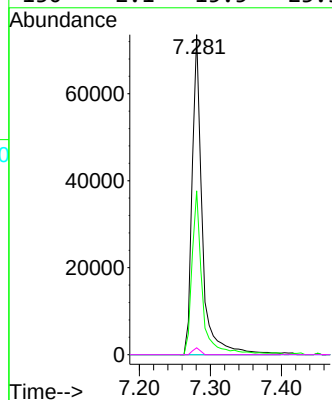
#19

n-Nitroso-di-n-propylamine
Concen: 16.66 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

Instrument :
BNA_F
ClientSampleId :
BU-02-102820



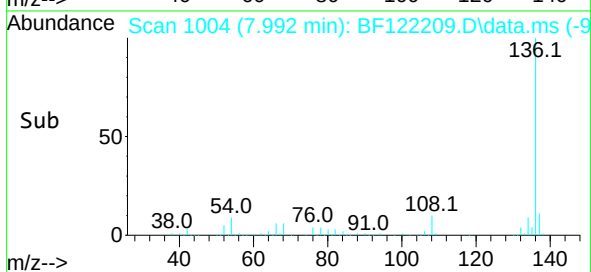
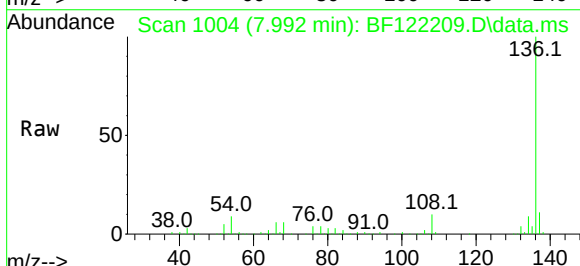
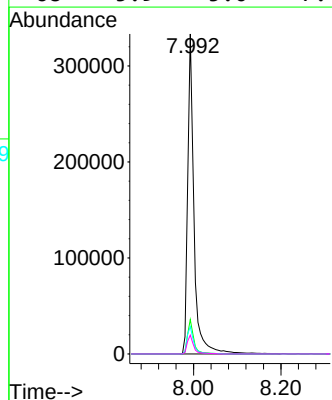
Tgt Ion:	70	Resp:	73141
Ion	Ratio	Lower	Upper
70	100		
42	51.2	50.2	75.4
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#

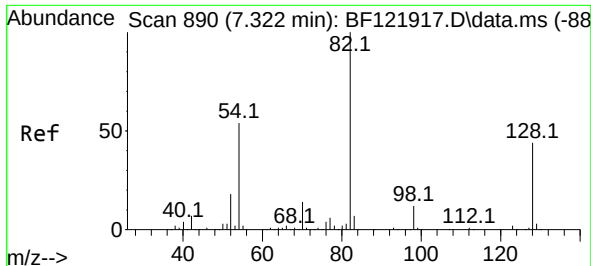


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

Tgt Ion:	136	Resp:	330773
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.6	7.1	10.7
68	5.9	5.0	7.4





#23

Nitrobenzene-d5

Concen: 83.56 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF122209.D

Acq: 31 Oct 2020 8:38

Tgt Ion: 82 Resp: 538953

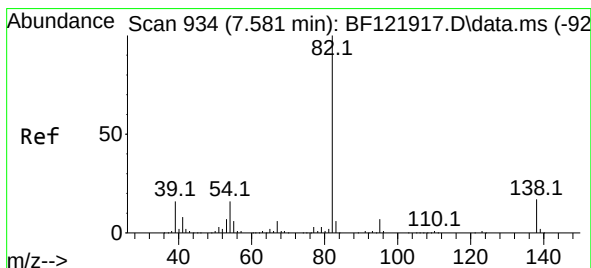
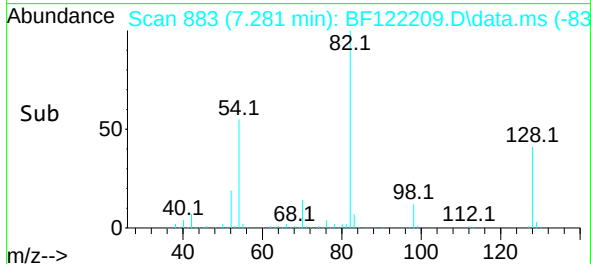
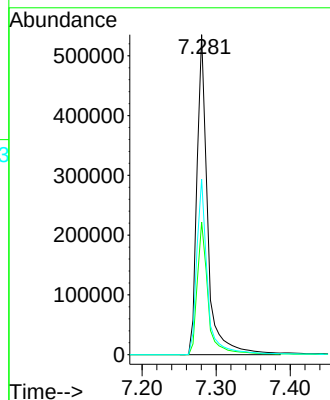
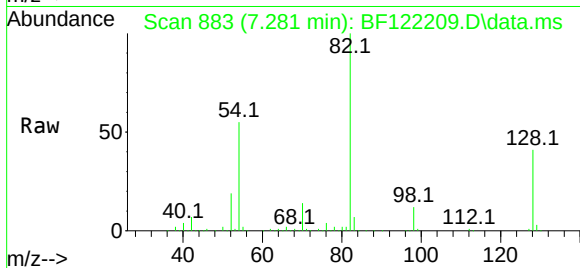
Ion	Ratio	Lower	Upper
82	100		
128	41.5	35.0	52.4
54	54.9	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

BU-02-102820



#25

Isophorone

Concen: 44.19 ng

RT: 7.281 min Scan# 883

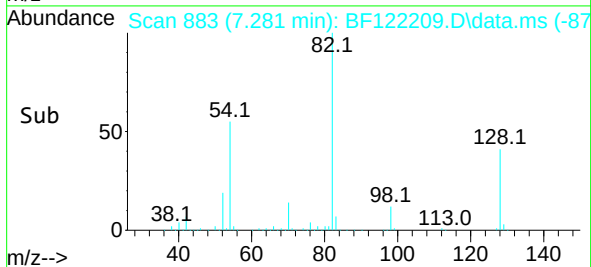
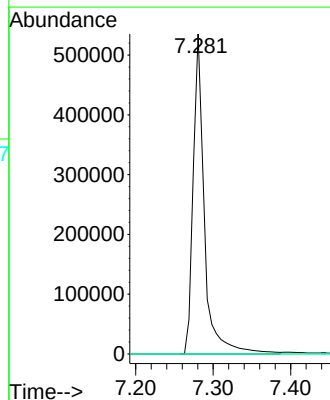
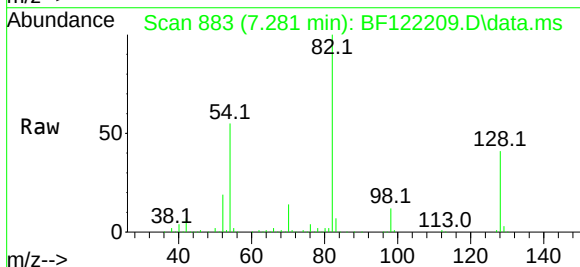
Delta R.T. -0.265 min

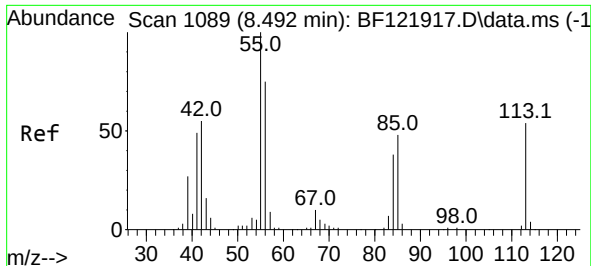
Lab File: BF122209.D

Acq: 31 Oct 2020 8:38

Tgt Ion: 82 Resp: 538947

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

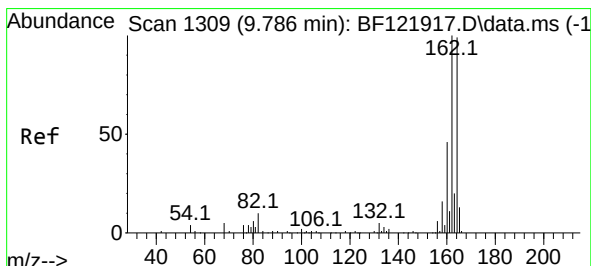
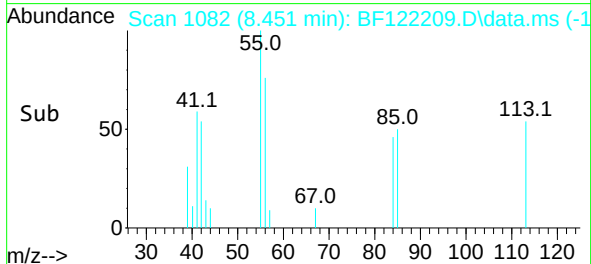
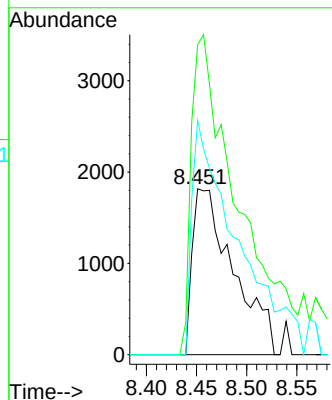
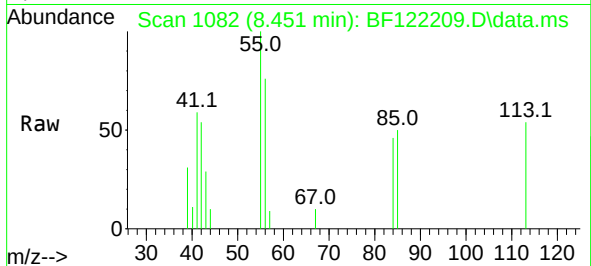




#35
Caprolactam
Concen: 3.21 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.012 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

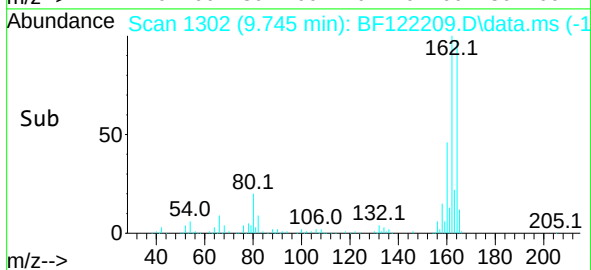
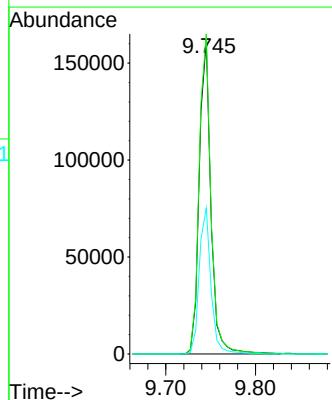
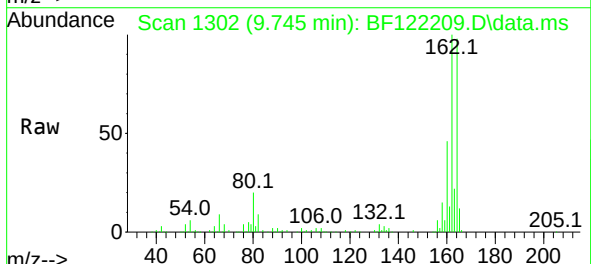
Instrument :
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ClientSampleId :
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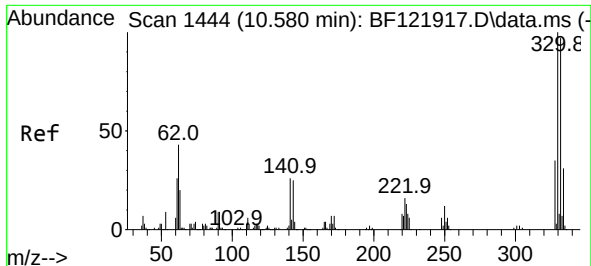
Tgt Ion:113 Resp: 5165
Ion Ratio Lower Upper
113 100
55 186.7 167.5 207.5
56 141.3 121.2 161.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

Tgt Ion:164 Resp: 146391
Ion Ratio Lower Upper
164 100
162 102.1 83.2 124.8
160 46.5 37.5 56.3

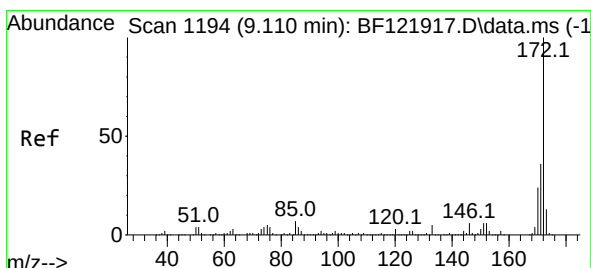
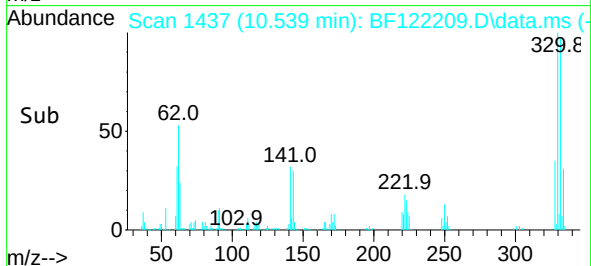
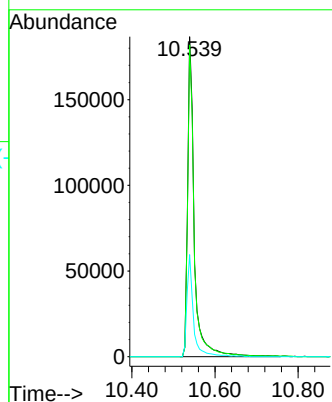
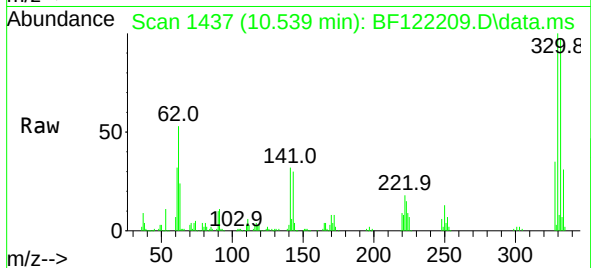




#42
2,4,6-Tribromophenol
Concen: 113.83 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

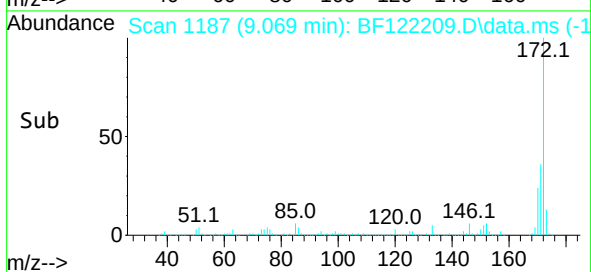
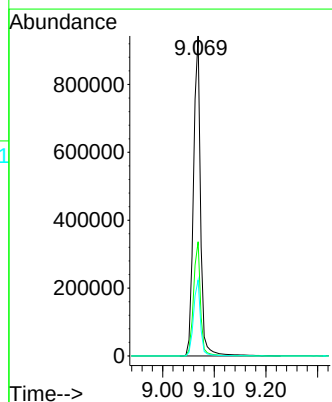
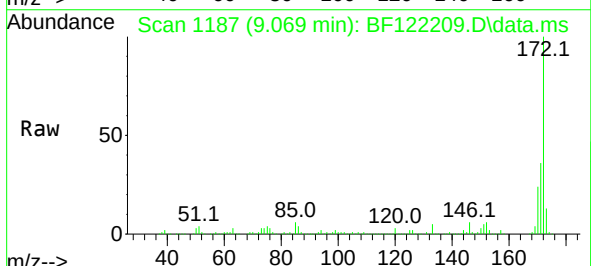
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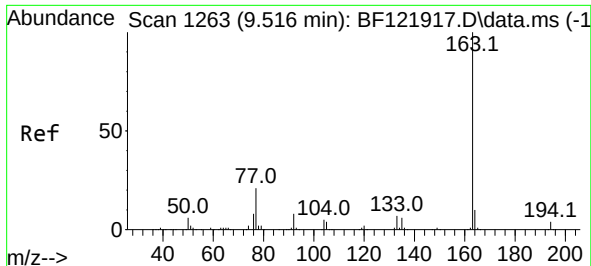
Tgt Ion:330 Resp: 206124
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 31.4 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 90.01 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

Tgt Ion:172 Resp: 895552
Ion Ratio Lower Upper
172 100
171 35.7 29.1 43.7
170 23.8 19.8 29.6

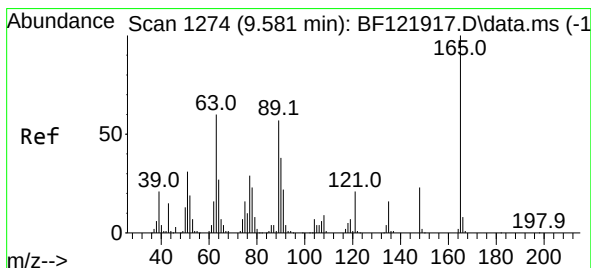
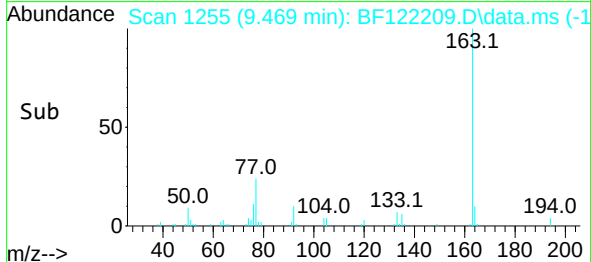
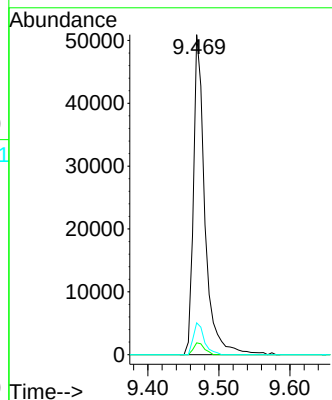
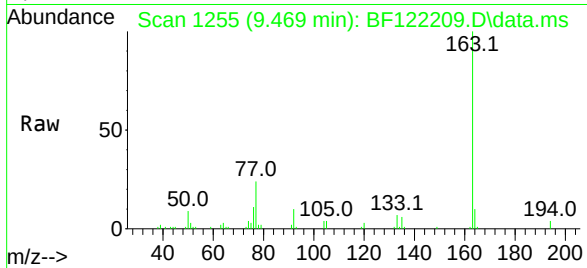




#50
Dimethylphthalate
Concen: 5.36 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

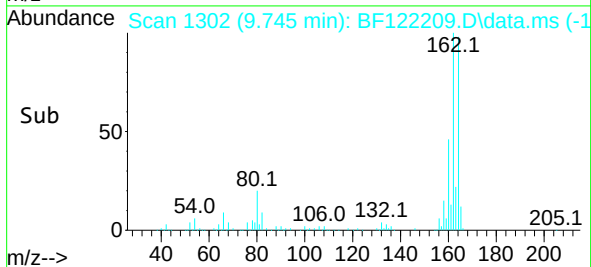
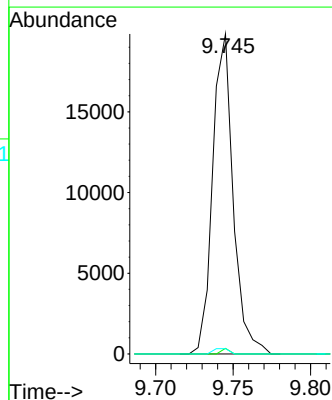
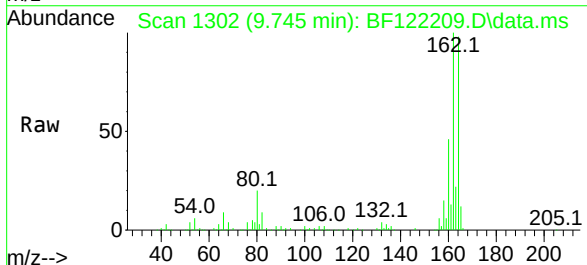
Instrument :
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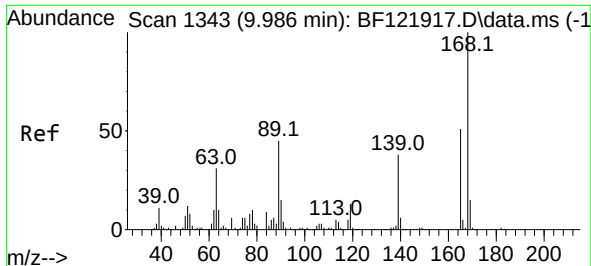
Tgt Ion:163 Resp: 57331
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 9.9 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 7.79 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

Tgt Ion:165 Resp: 18284
Ion Ratio Lower Upper
165 100
63 1.7 51.8 77.6#
89 1.7 49.0 73.6#

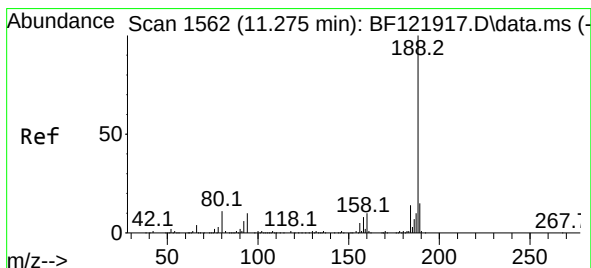
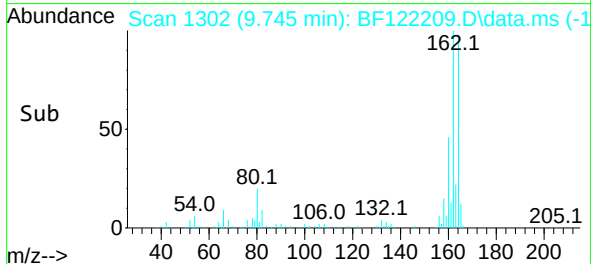
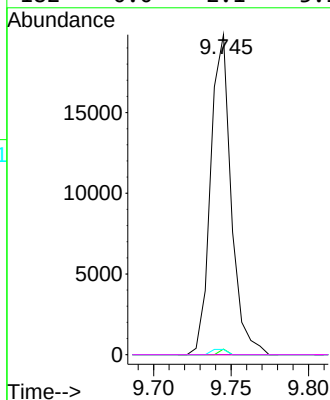
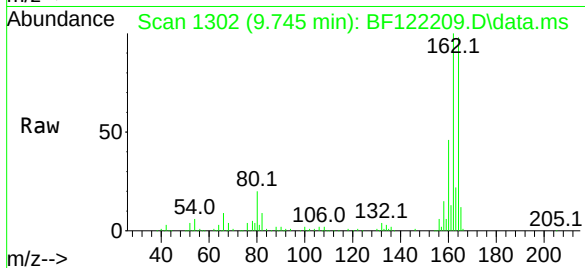




#57
2,4-Dinitrotoluene
Concen: 6.33 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

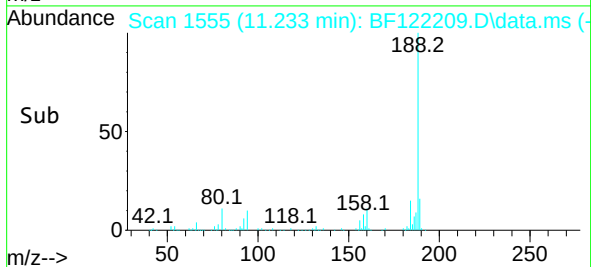
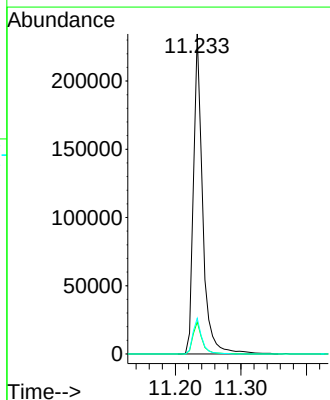
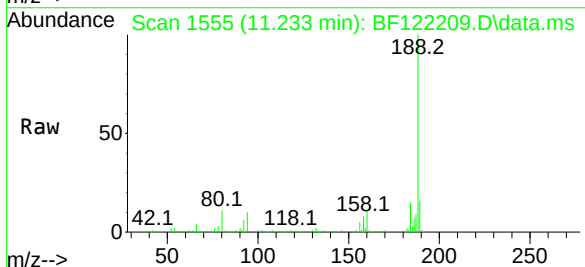
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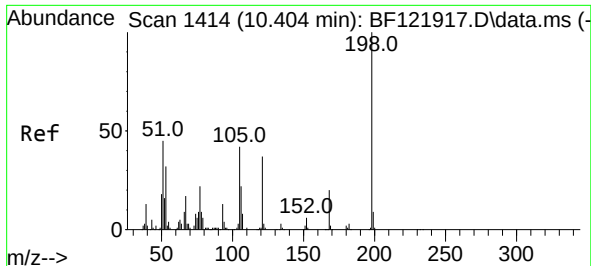
Tgt Ion:	165	Resp:	18284
Ion Ratio	Lower	Upper	
165	100		
63	1.7	41.3	61.9#
89	1.7	61.8	92.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

Tgt Ion:	188	Resp:	228771
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.3	12.5
80	11.2	9.1	13.7

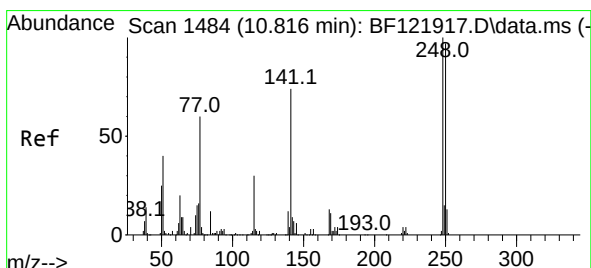
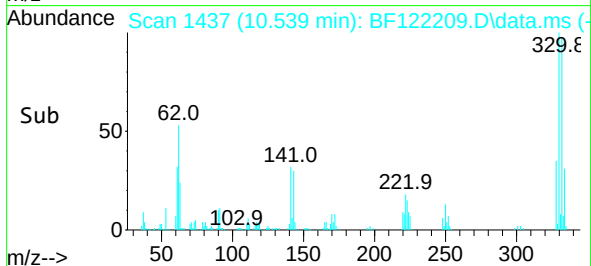
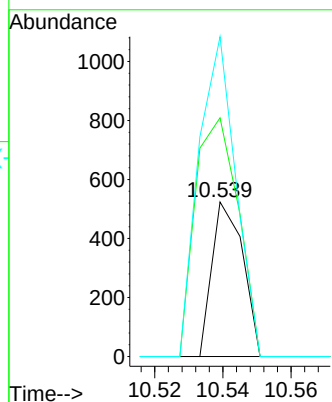
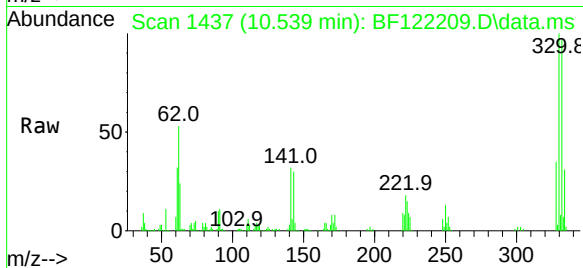




#65
4,6-Dinitro-2-methylphenol
Concen: 4.63 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

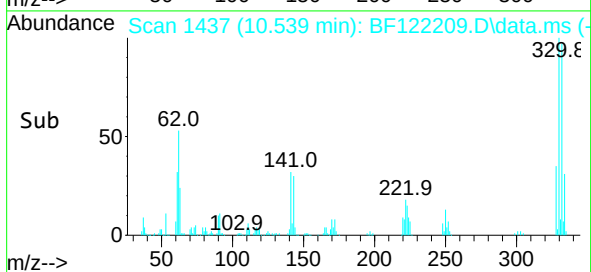
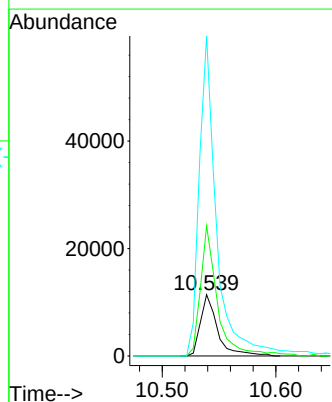
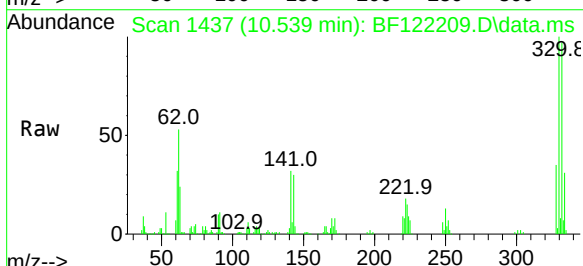
Instrument :
BNA_F
ClientSampleId :
BU-02-102820

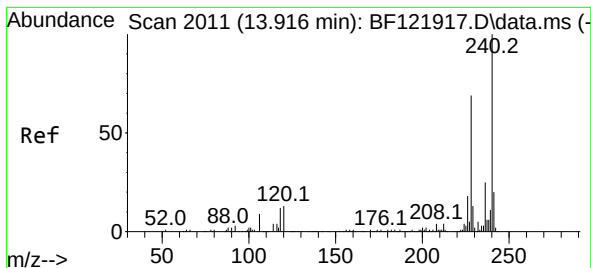
Tgt Ion:198 Resp: 329
Ion Ratio Lower Upper
198 100
51 154.4 29.6 69.6#
105 206.9 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.54 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

Tgt Ion:248 Resp: 12007
Ion Ratio Lower Upper
248 100
250 212.2 77.0 115.6#
141 521.9 53.7 80.5#

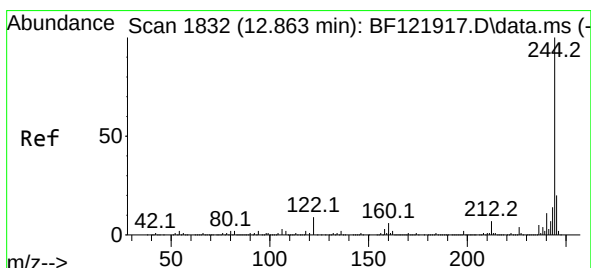
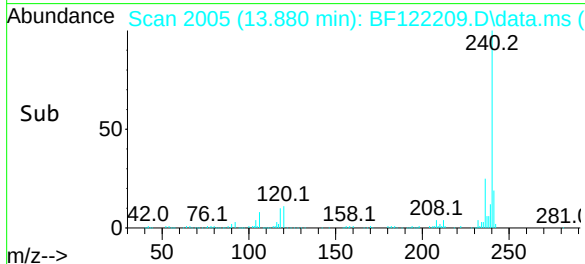
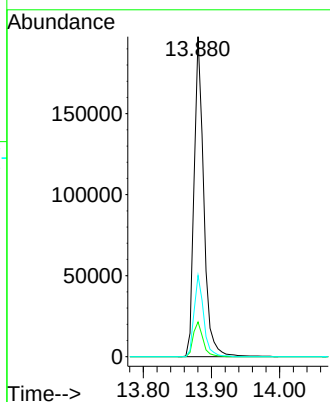
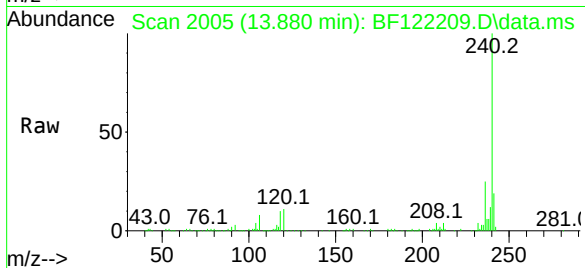




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

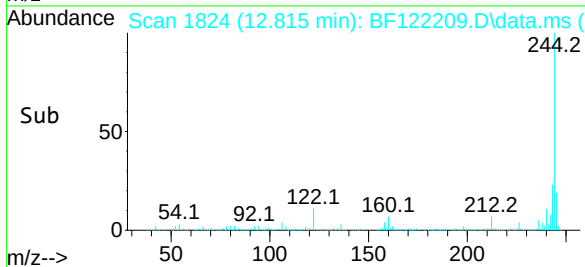
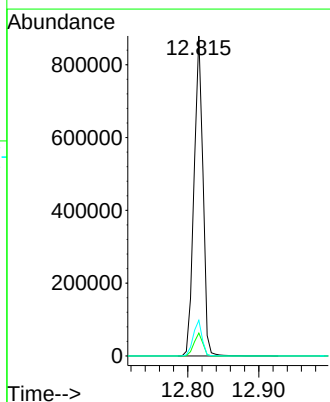
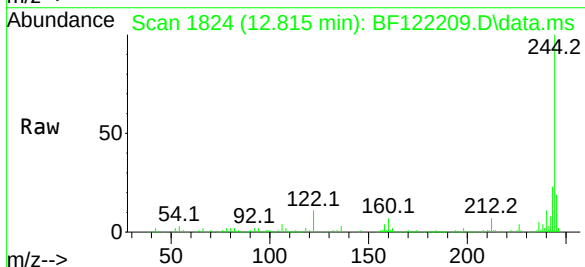
Instrument :
BNA_F
ClientSampleId :
BU-02-102820

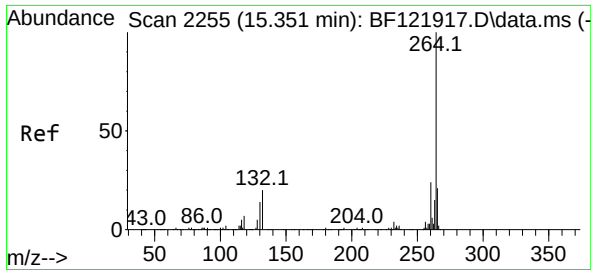
Tgt Ion:240 Resp: 195171
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 25.4 20.9 31.3



#79
Terphenyl-d14
Concen: 75.06 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

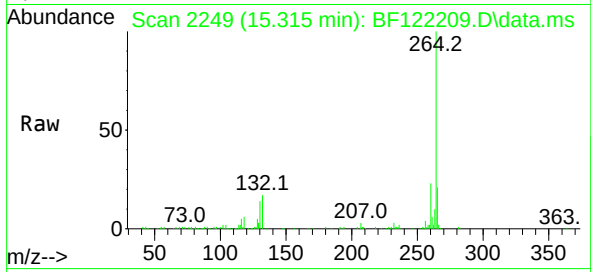
Tgt Ion:244 Resp: 768726
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.1 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.315 min Scan# 2249
 Delta R.T. 0.012 min
 Lab File: BF122209.D
 Acq: 31 Oct 2020 8:38

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-102820



Tgt Ion:264 Resp: 188712
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.7 28.1
 265 21.4 17.3 25.9

