

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122210.D
 Acq On : 31 Oct 2020 9:09
 Operator : JU/CG
 Sample : L4549-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH-RECLAMATION-PIT

Quant Time: Nov 01 23:51:07 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)

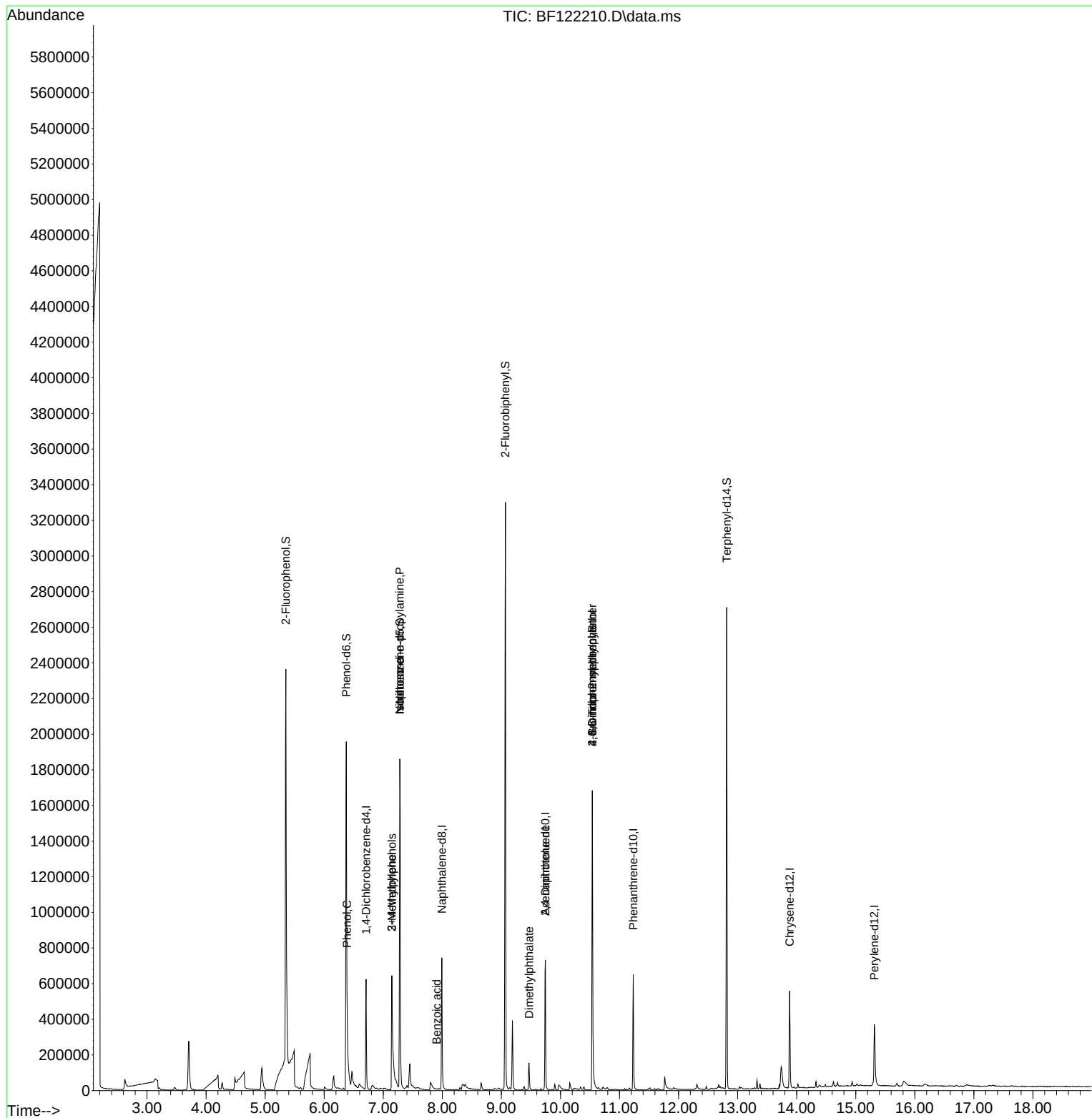
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	89245	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	331835	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	147087	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	226927	20.00	ng	0.00
76) Chrysene-d12	13.880	240	193859	20.00	ng	0.00
86) Perylene-d12	15.315	264	184947	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	732958	121.21	ng	0.02
7) Phenol-d6	6.375	99	815483	104.77	ng	0.00
23) Nitrobenzene-d5	7.281	82	643390	99.44	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	222012	122.02	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1024025	102.44	ng	0.00
79) Terphenyl-d14	12.816	244	785319	77.20	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.375	77	1380	Below Cal	#	3
10) Phenol	6.387	94	33354	4.15	ng	86
17) 2-Methylphenol	7.145	107	269448	51.56	ng	# 68
19) n-Nitroso-di-n-propyla...	7.281	70	88520	19.97	ng	# 79
20) 3+4-Methylphenols	7.145	107	273104	43.34	ng	# 51
25) Isophorone	7.281	82	643381	52.59	ng	# 67
32) Benzoic acid	7.904	122	1436	8.07	ng	90
50) Dimethylphthalate	9.469	163	65167	6.06	ng	100
57) 2,4-Dinitrotoluene	9.745	165	18396	6.33	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	317	4.62	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	13177	5.03	ng	# 1

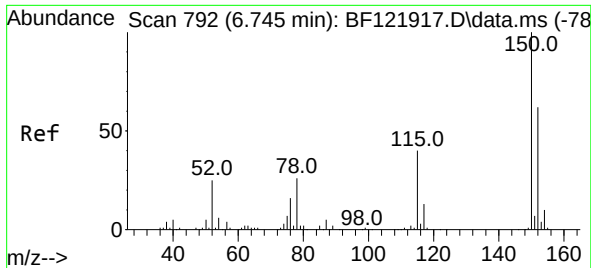
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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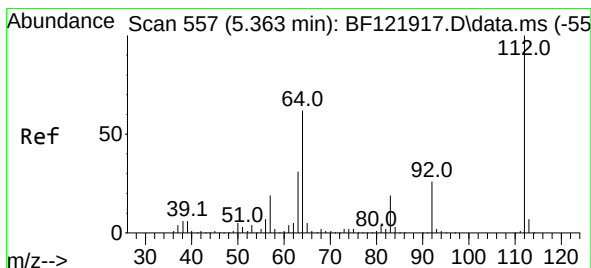
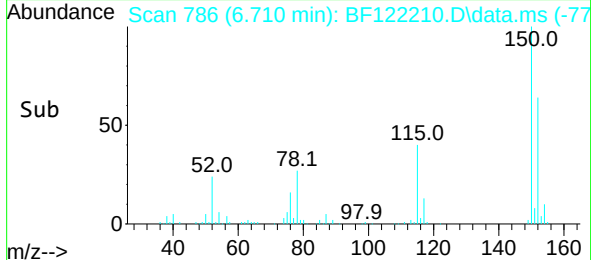
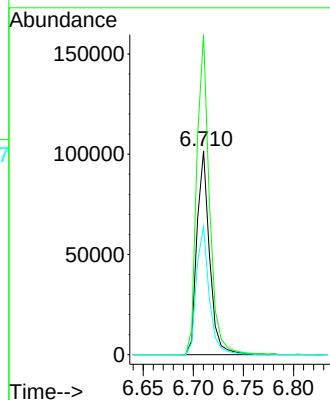
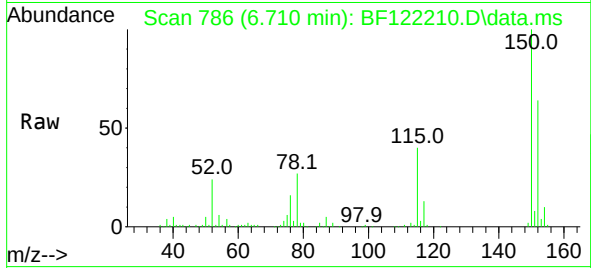




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.710 min Scan# 786
 Delta R.T. -0.006 min
 Lab File: BF122210.D
 Acq: 31 Oct 2020 9:09

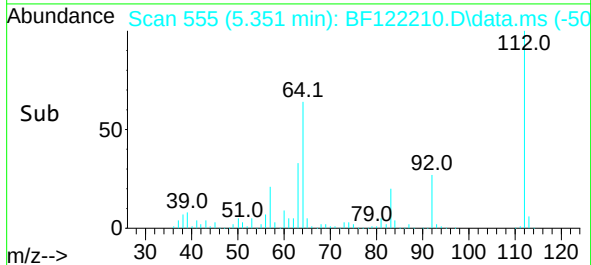
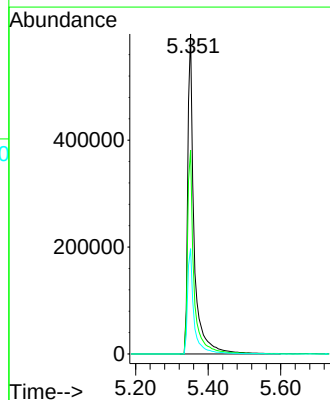
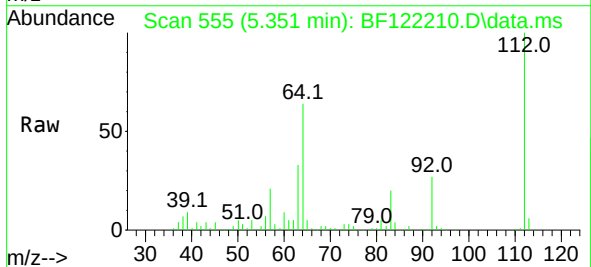
Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH-RECLAMATION-PIT

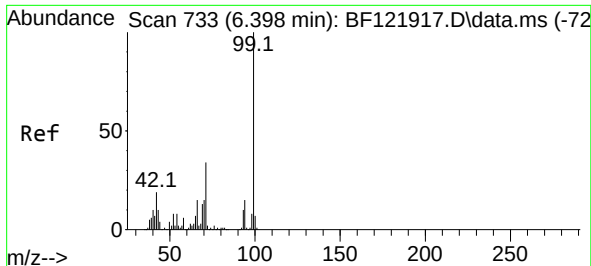
Tgt Ion:152 Resp: 89245
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.3 187.9
 115 63.0 51.9 77.9



#5
 2-Fluorophenol
 Concen: 121.21 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.018 min
 Lab File: BF122210.D
 Acq: 31 Oct 2020 9:09

Tgt Ion:112 Resp: 732958
 Ion Ratio Lower Upper
 112 100
 64 63.7 50.4 75.6
 63 32.9 25.8 38.6

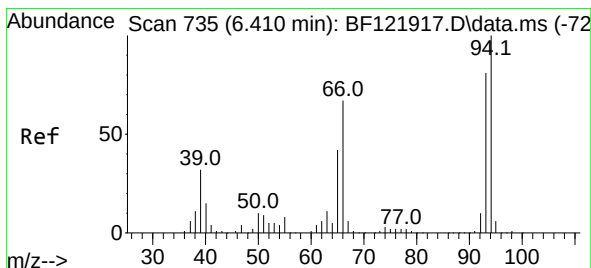
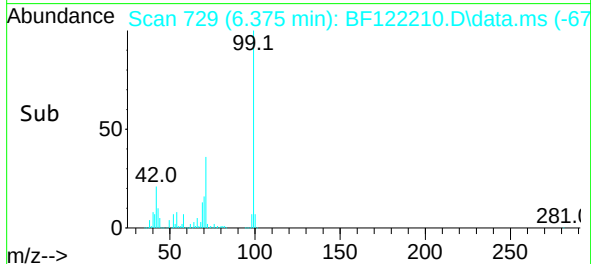
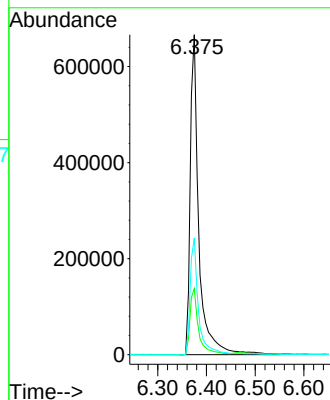
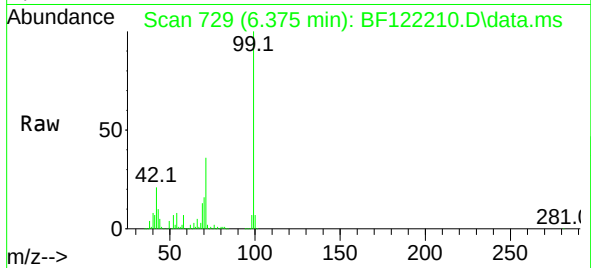




#7
Phenol-d6
Concen: 104.77 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

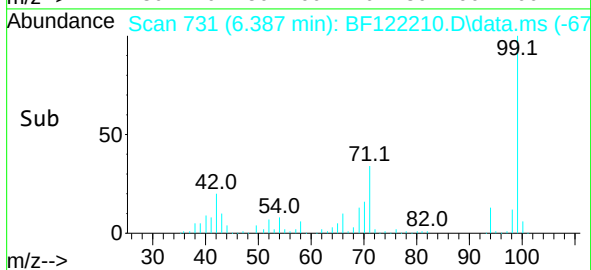
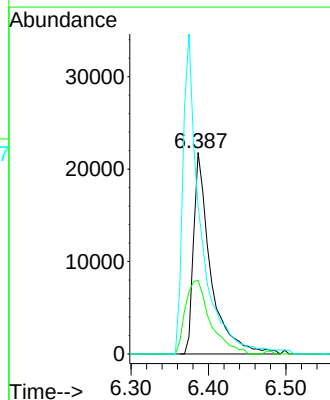
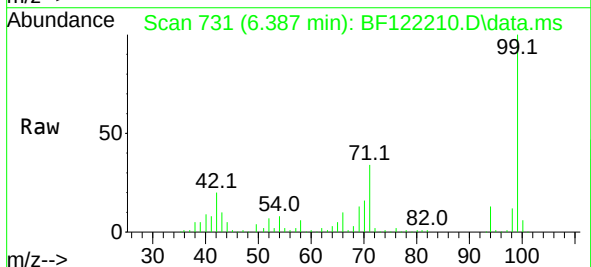
Instrument :
BNA_F
ClientSampleId :
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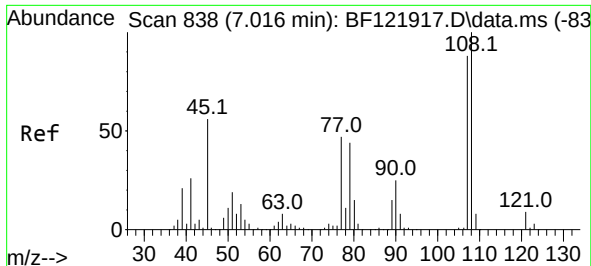
Tgt Ion: 99 Resp: 815483
Ion Ratio Lower Upper
99 100
42 20.7 15.9 23.9
71 36.5 27.1 40.7



#10
Phenol
Concen: 4.15 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

Tgt Ion: 94 Resp: 33354
Ion Ratio Lower Upper
94 100
65 36.5 17.1 57.1
66 73.1 36.0 76.0

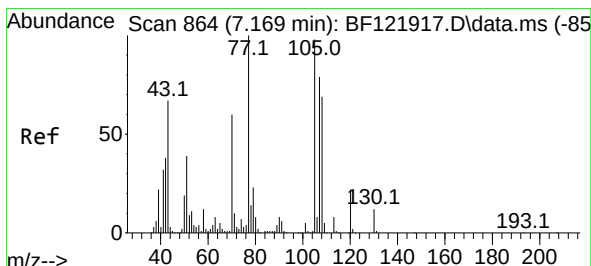
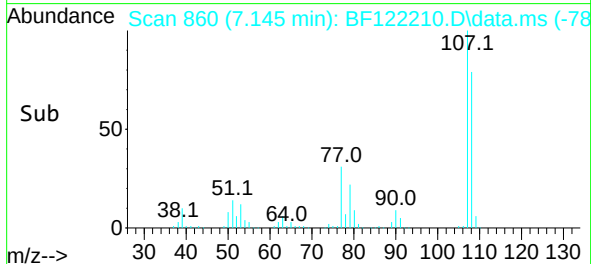
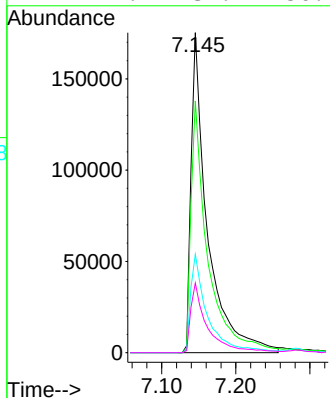
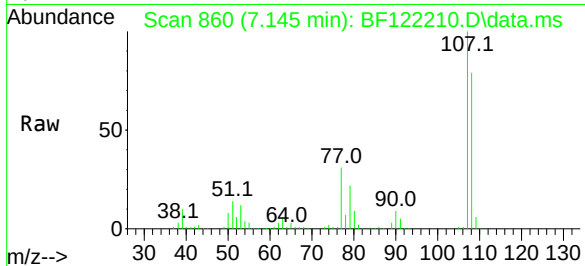




#17
2-Methylphenol
Concen: 51.56 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.159 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

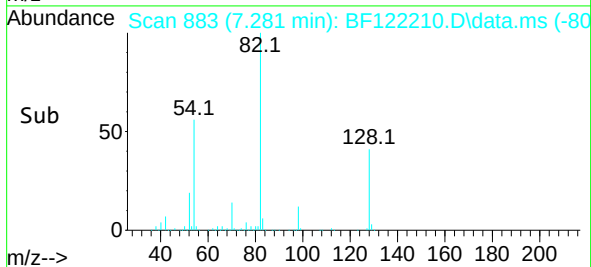
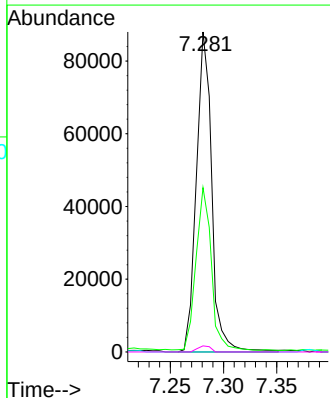
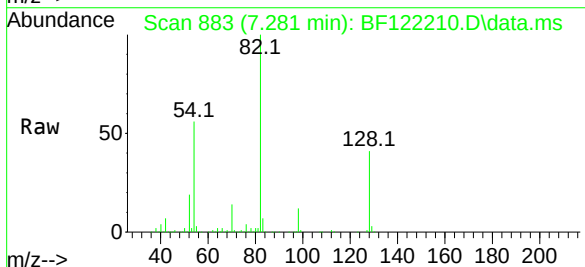
Instrument :
BNA_F
ClientSampleId :
BUS-WASH-RECLAMATION-PIT

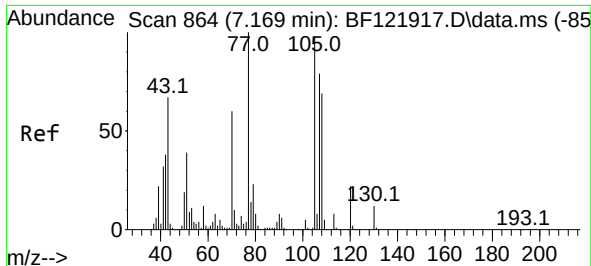
Tgt Ion:	107	Resp:	269448
Ion	Ratio	Lower	Upper
107	100		
108	78.6	90.9	136.3#
77	30.8	37.5	56.3#
79	21.7	37.4	56.0#



#19
n-Nitroso-di-n-propylamine
Concen: 19.97 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

Tgt Ion:	70	Resp:	88520
Ion	Ratio	Lower	Upper
70	100		
42	51.4	50.2	75.4
101	0.0	7.5	11.3#
130	1.9	15.5	23.3#





#20

3+4-Methylphenols

Concen: 43.34 ng

RT: 7.145 min Scan# 860

Delta R.T. -0.000 min

Lab File: BF122210.D

Acq: 31 Oct 2020 9:09

Tgt Ion:107 Resp: 273104

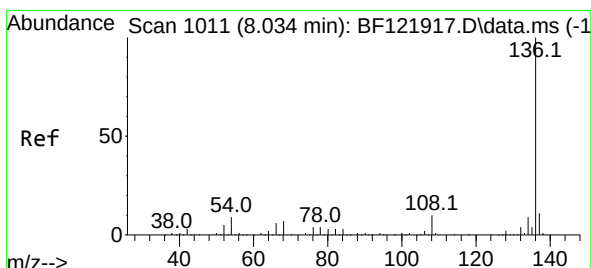
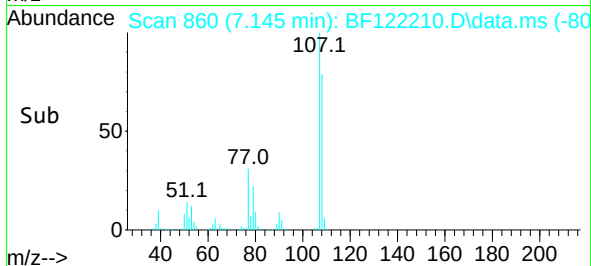
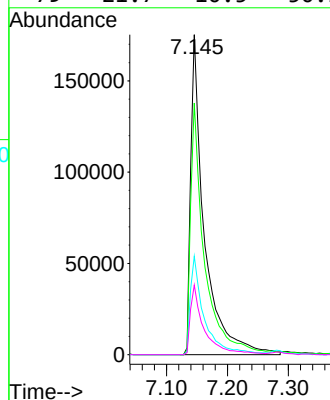
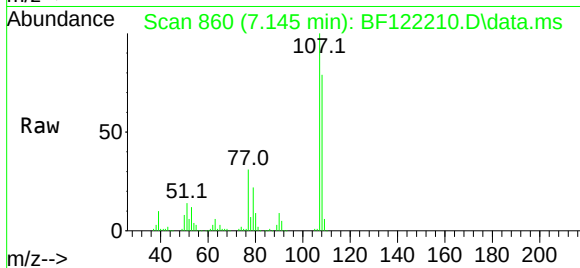
Ion Ratio Lower Upper

107 100

108 78.6 68.9 108.9

77 30.8 108.0 148.0#

79 21.7 10.5 50.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.992 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF122210.D

Acq: 31 Oct 2020 9:09

Tgt Ion:136 Resp: 331835

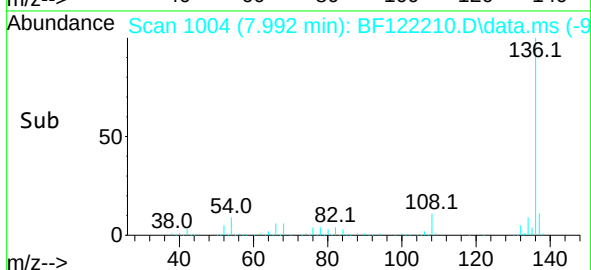
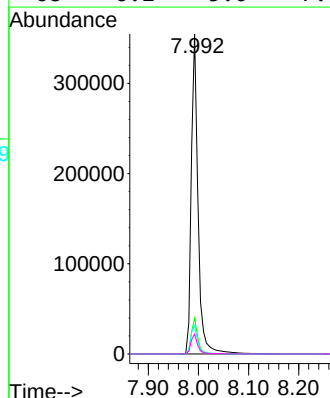
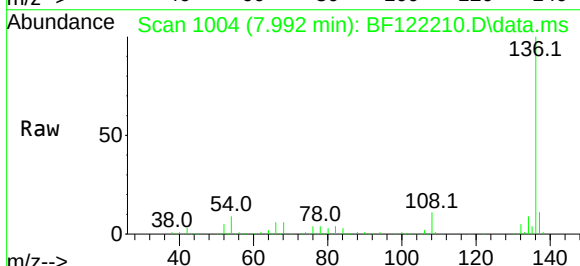
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 8.9 7.1 10.7

68 6.2 5.0 7.4

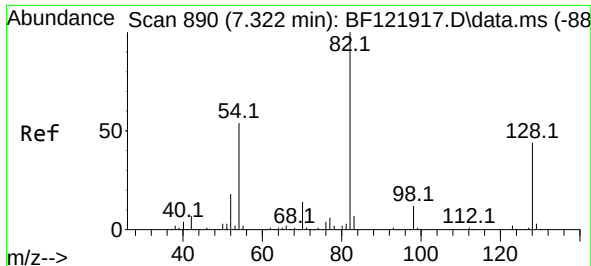


Instrument :

BNA_F

ClientSampleId :

BUS-WASH-RECLAMATION-PIT



#23

Nitrobenzene-d5

Concen: 99.44 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF122210.D

Acq: 31 Oct 2020 9:09

Tgt Ion: 82 Resp: 643390

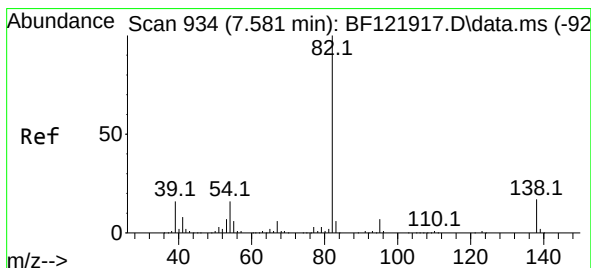
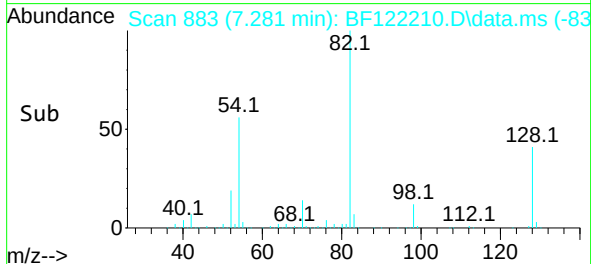
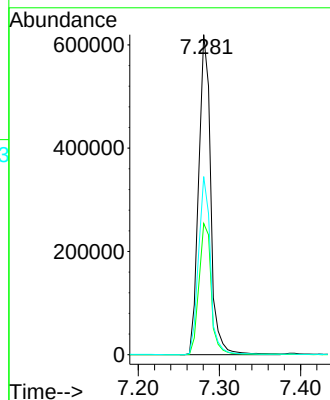
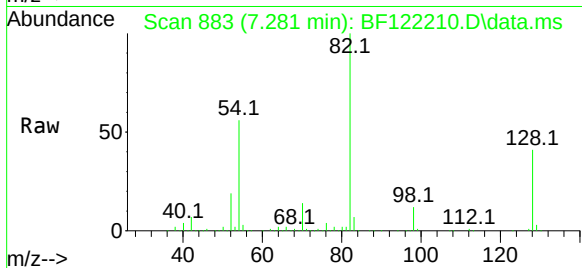
Ion	Ratio	Lower	Upper
82	100		
128	41.0	35.0	52.4
54	55.6	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-RECLAMATION-PIT



#25

Isophorone

Concen: 52.59 ng

RT: 7.281 min Scan# 883

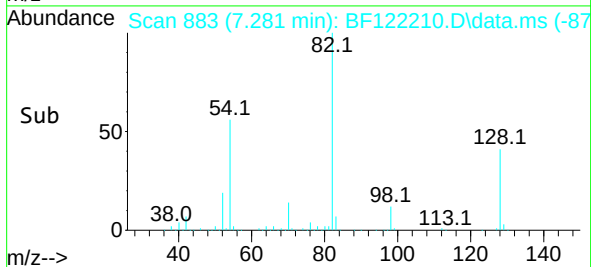
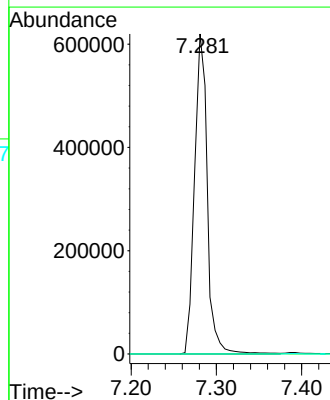
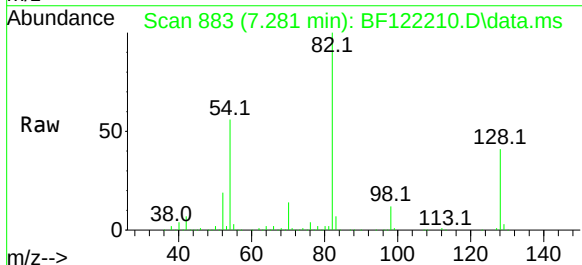
Delta R.T. -0.265 min

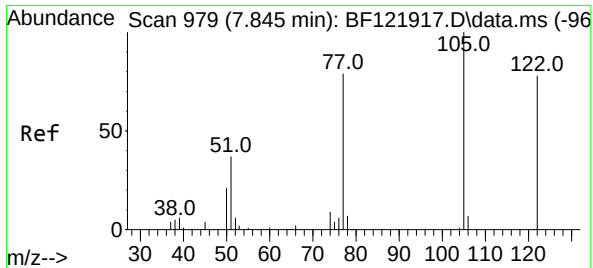
Lab File: BF122210.D

Acq: 31 Oct 2020 9:09

Tgt Ion: 82 Resp: 643381

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

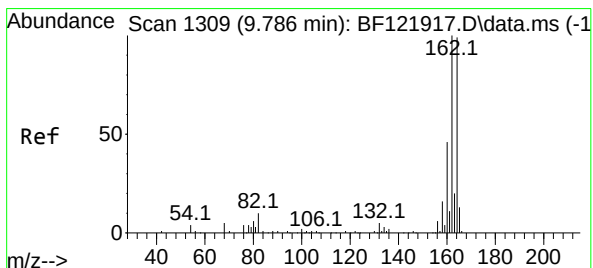
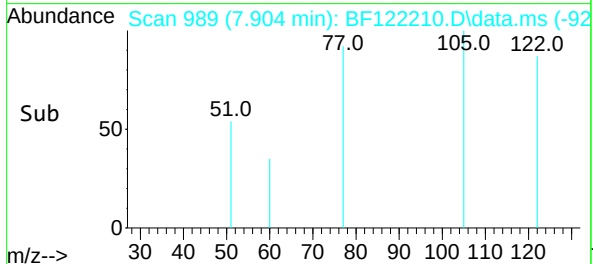
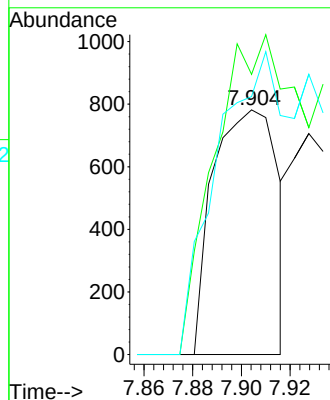
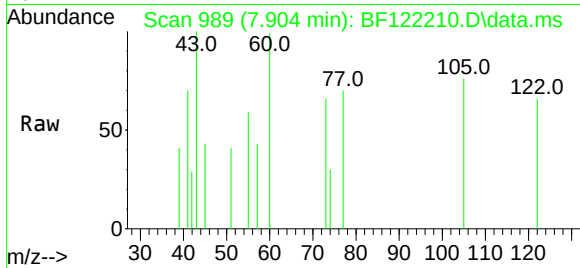




#32
Benzoic acid
Concen: 8.07 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.076 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

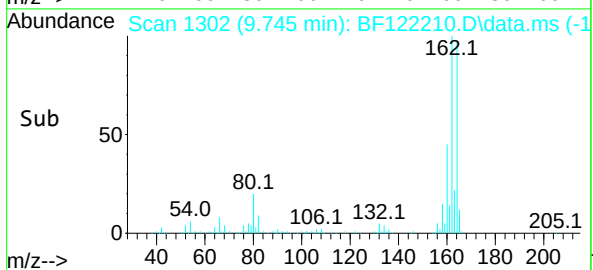
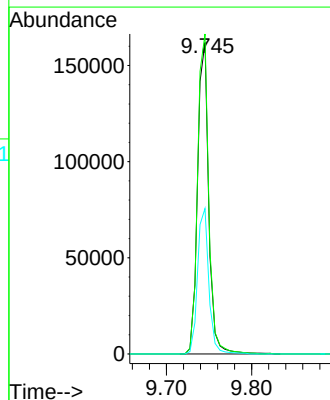
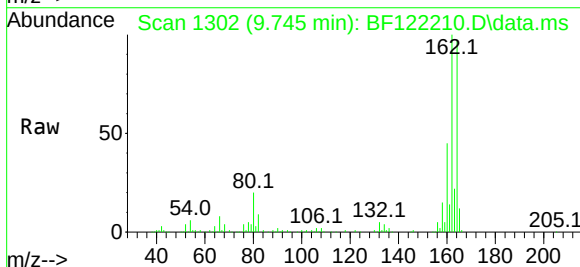
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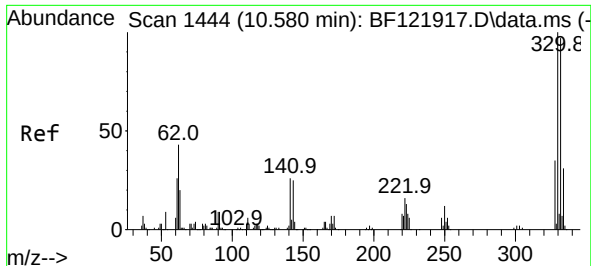
Tgt Ion:122 Resp: 1436
Ion Ratio Lower Upper
122 100
105 114.5 103.3 143.3
77 105.4 73.9 113.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

Tgt Ion:164 Resp: 147087
Ion Ratio Lower Upper
164 100
162 102.7 83.2 124.8
160 46.7 37.5 56.3

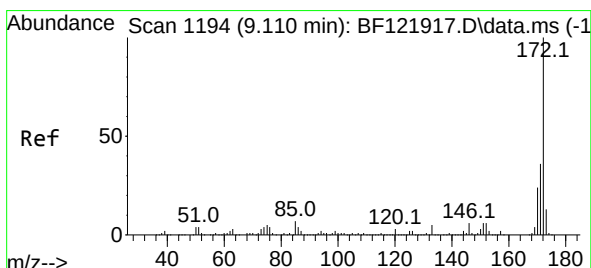
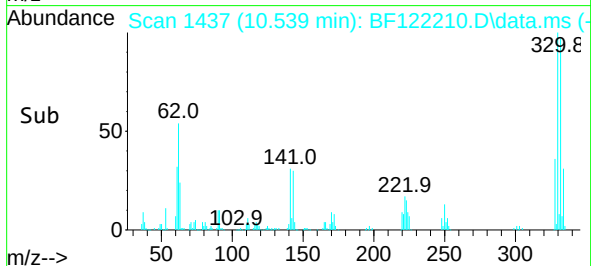
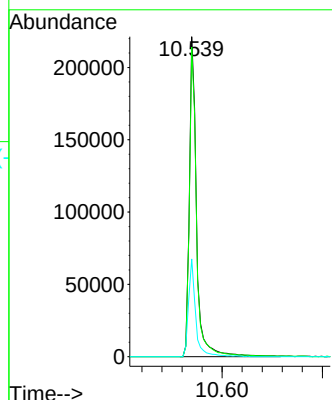
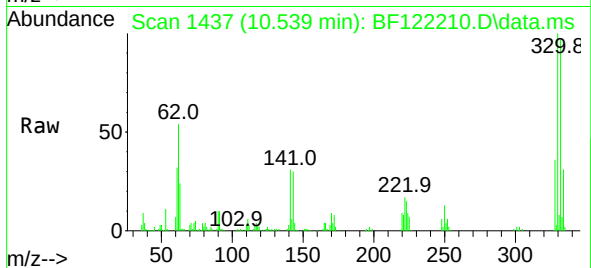




#42
2,4,6-Tribromophenol
Concen: 122.02 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

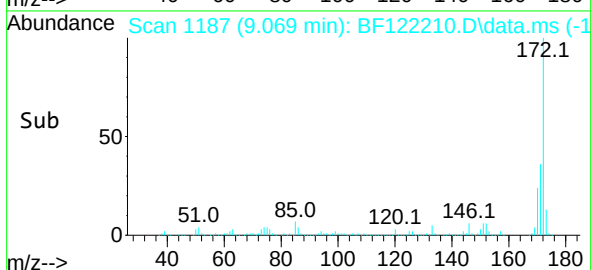
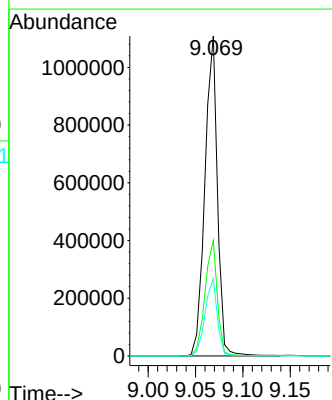
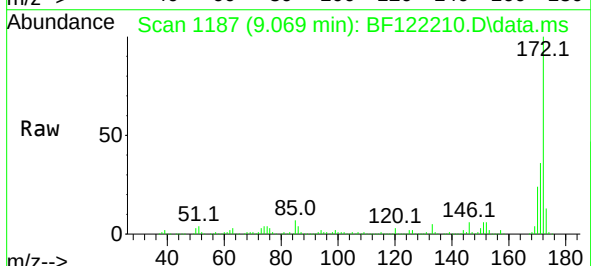
Instrument :
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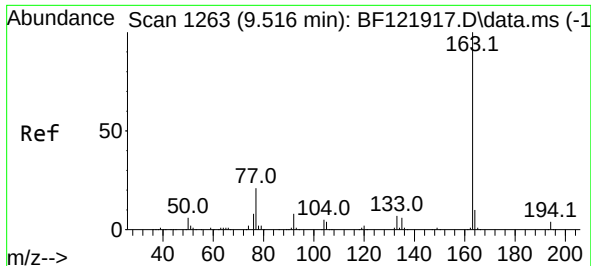
Tgt Ion: 330 Resp: 222012
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 30.3 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 102.44 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

Tgt Ion: 172 Resp: 1024025
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.1 19.8 29.6

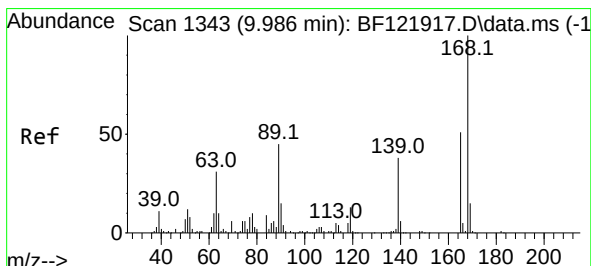
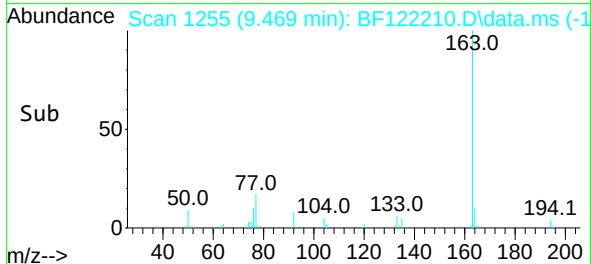
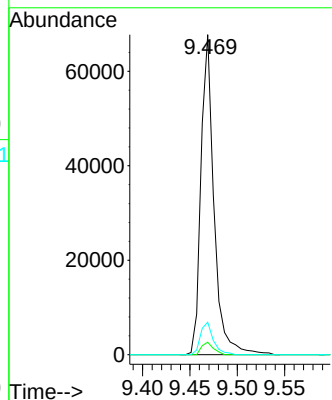
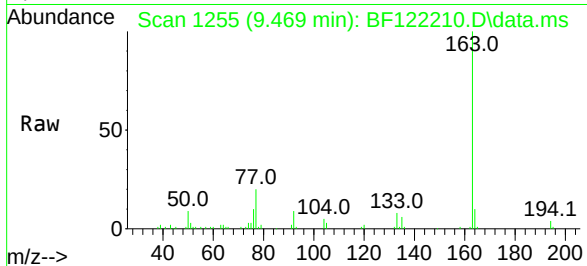




#50
Dimethylphthalate
Concen: 6.06 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

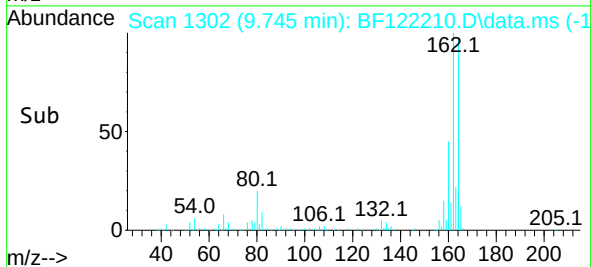
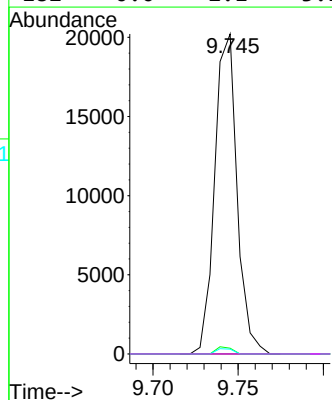
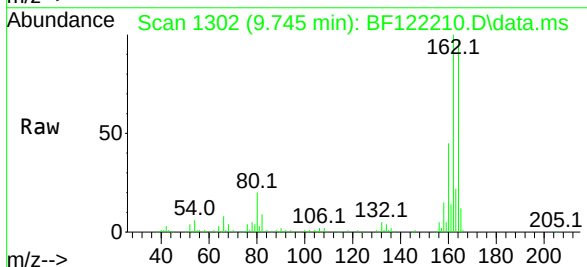
Instrument :
BNA_F
ClientSampleId :
BUS-WASH-RECLAMATION-PIT

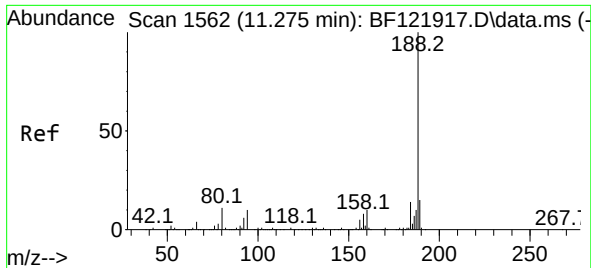
Tgt Ion:163 Resp: 65167
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.33 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

Tgt Ion:165 Resp: 18396
Ion Ratio Lower Upper
165 100
63 1.8 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#

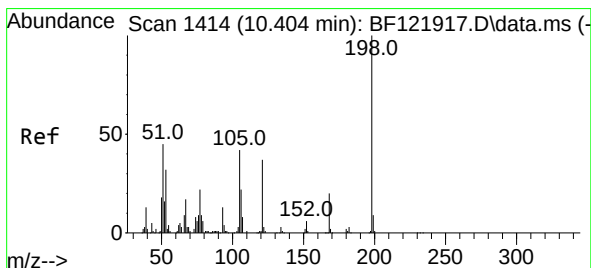
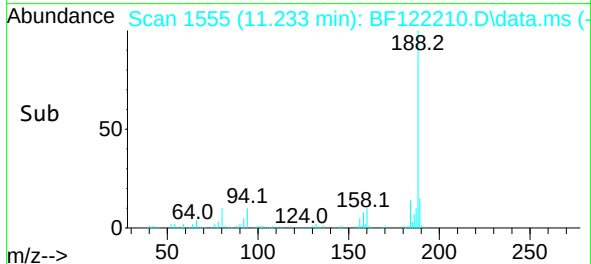
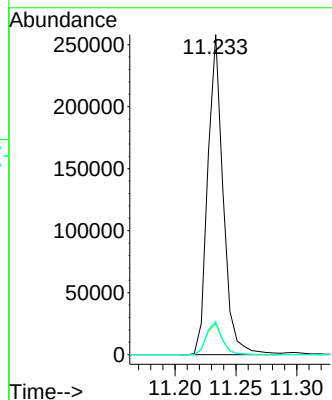
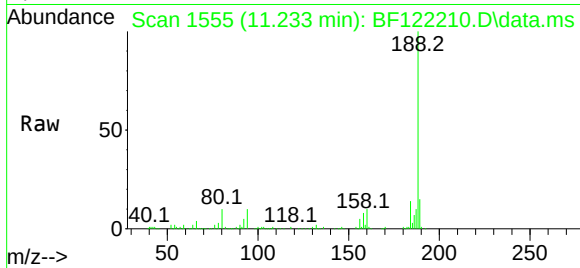




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

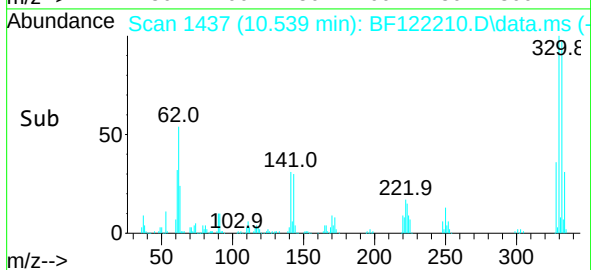
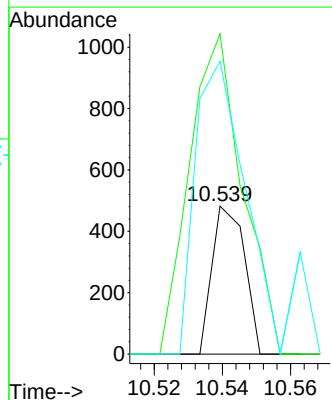
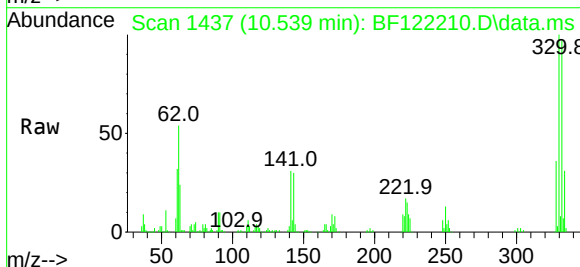
Instrument :
BNA_F
ClientSampleId :
BUS-WASH-RECLAMATION-PIT

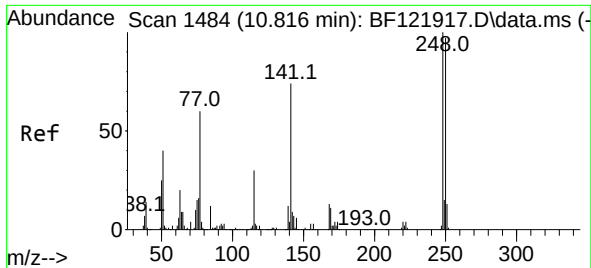
Tgt Ion:188	Resp:	226927
Ion Ratio	Lower	Upper
188	100	
94	9.7	8.3 12.5
80	10.4	9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.62 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

Tgt Ion:198	Resp:	317
Ion Ratio	Lower	Upper
198	100	
51	216.4	29.6 69.6#
105	197.9	24.4 64.4#

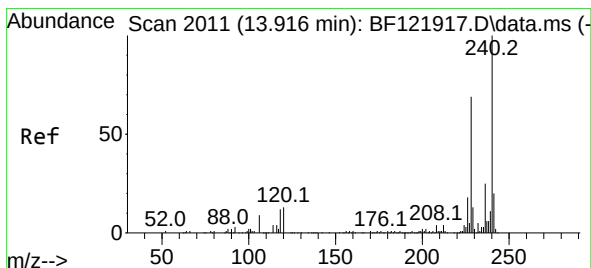
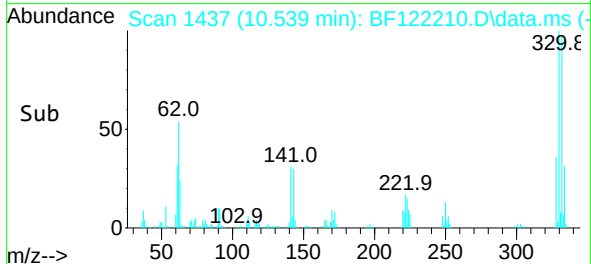
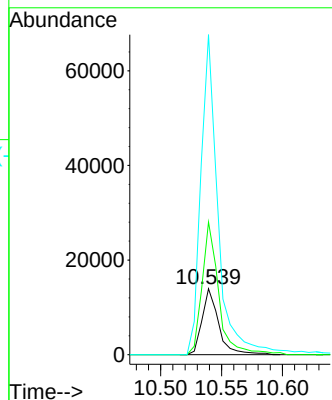
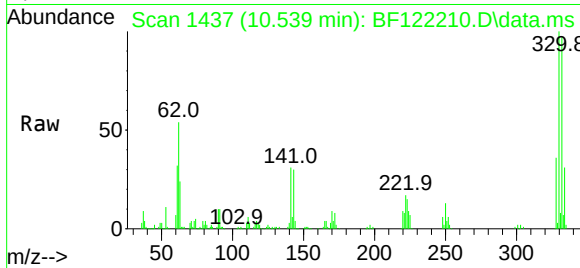




#67
4-Bromophenyl-phenylether
Concen: 5.03 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

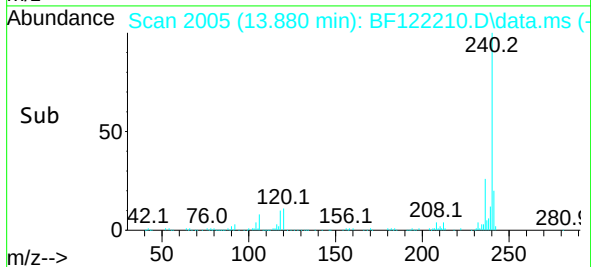
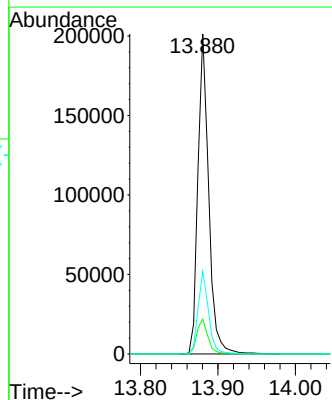
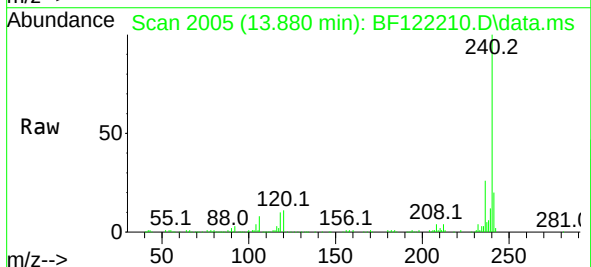
Instrument :
BNA_F
ClientSampleId :
BUS-WASH-RECLAMATION-PIT

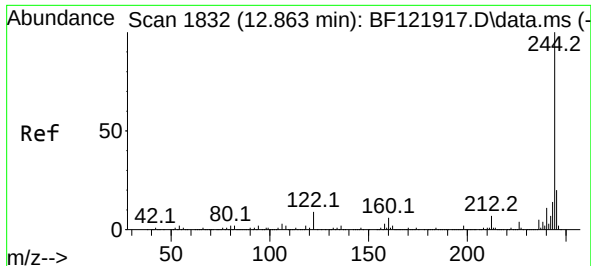
Tgt Ion:248 Resp: 13177
Ion Ratio Lower Upper
248 100
250 200.9 77.0 115.6#
141 484.8 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

Tgt Ion:240 Resp: 193859
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.9 20.9 31.3

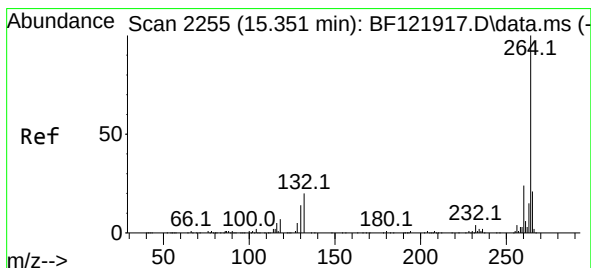
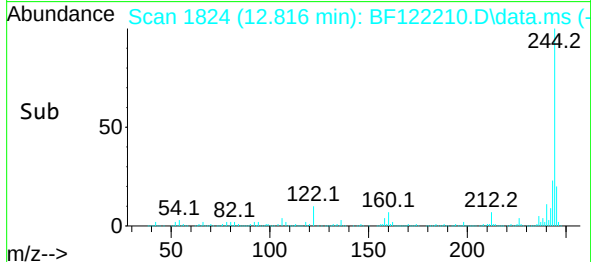
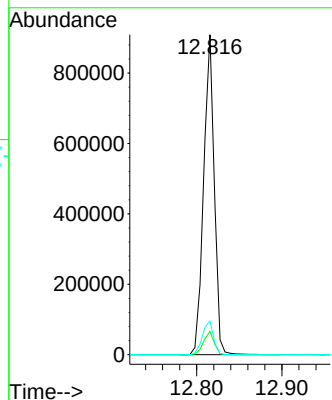
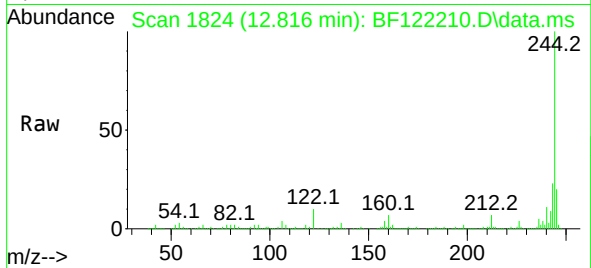




#79
 Terphenyl-d14
 Concen: 77.20 ng
 RT: 12.816 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF122210.D
 Acq: 31 Oct 2020 9:09

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH-RECLAMATION-PIT

Tgt Ion:244 Resp: 785319
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 10.5 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: BF122210.D
 Acq: 31 Oct 2020 9:09

Tgt Ion:264 Resp: 184947
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.7 17.3 25.9

