

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)

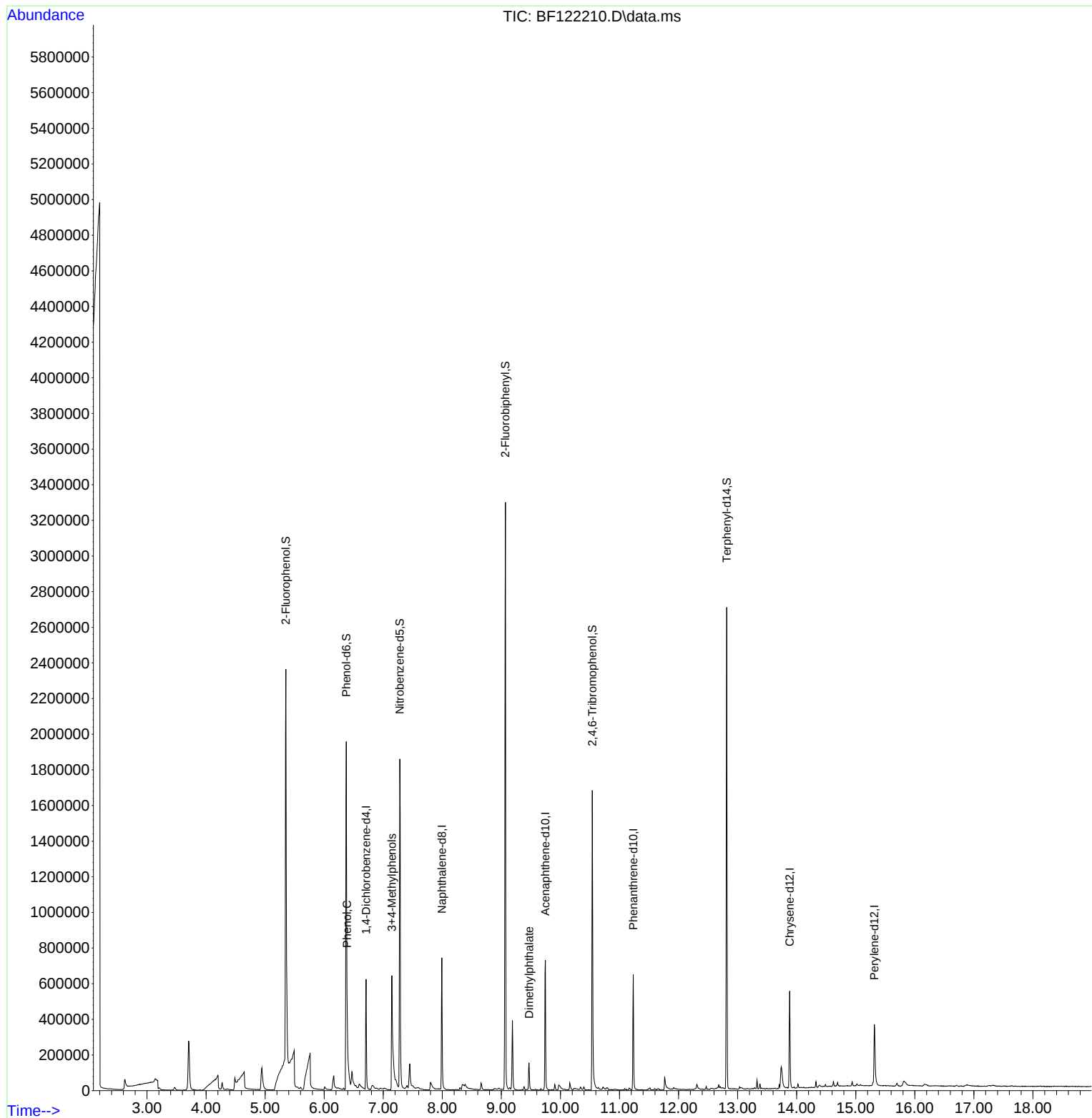
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	89245	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	331835	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	147087	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	226927	20.00	ng	0.00
76) Chrysene-d12	13.880	240	193859	20.00	ng	0.00
86) Perylene-d12	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						
10) Phenol	6.387	94	33354	4.15	ng	Qvalue 86
20) 3+4-Methylphenols	7.145	107	273104	43.34	ng	# 51
50) Dimethylphthalate	9.469	163	65167	6.06	ng	100

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

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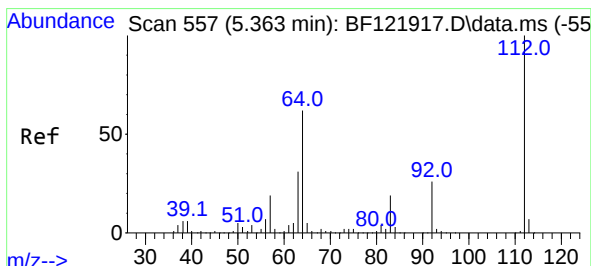
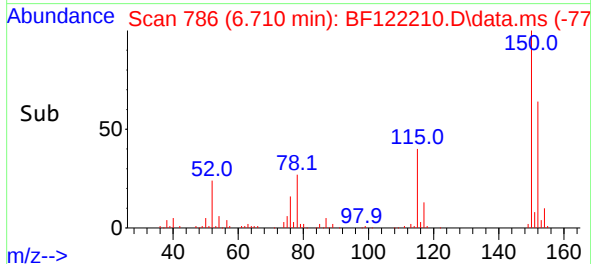
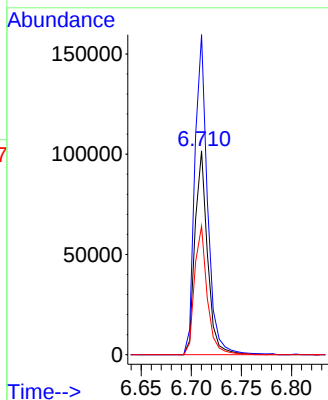
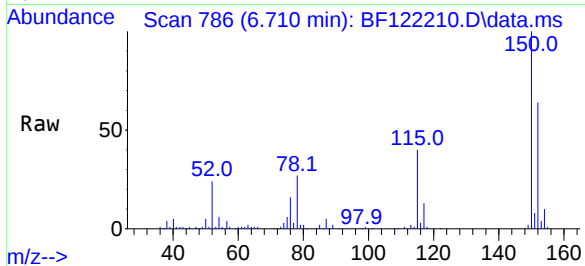




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

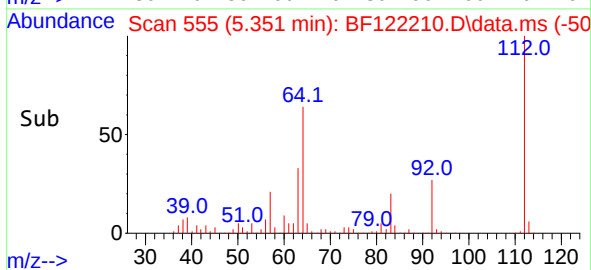
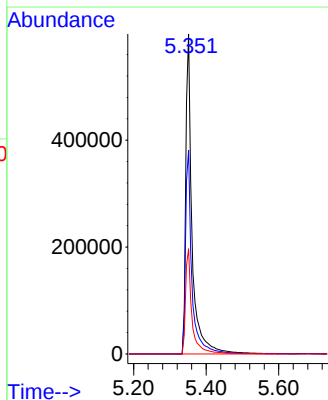
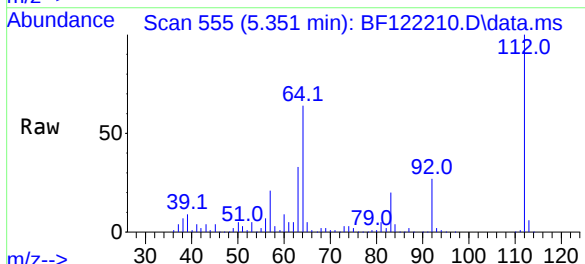
Instrument :
BNA_F
ClientSampleId :
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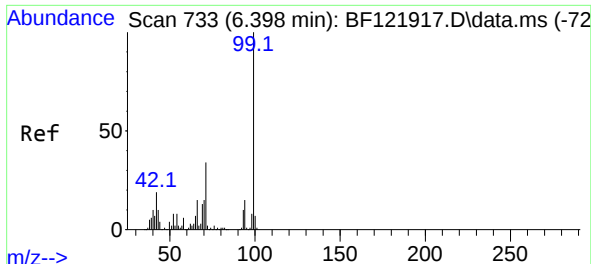
Tgt Ion:152 Resp: 89245
Ion Ratio Lower Upper
152 100
150 156.9 125.3 187.9
115 63.0 51.9 77.9



#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

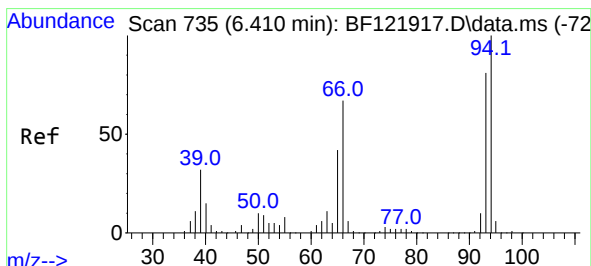
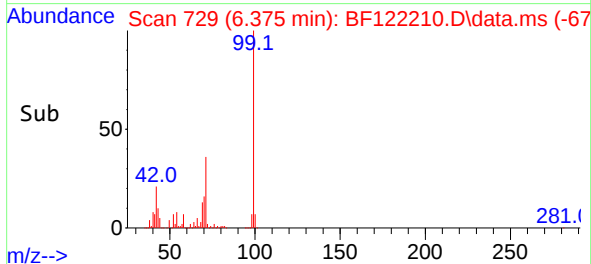
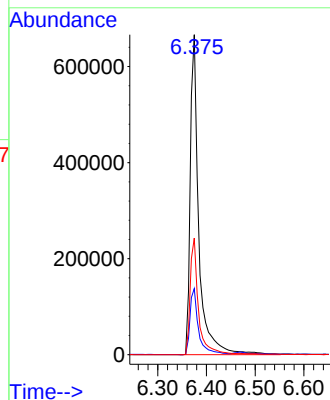
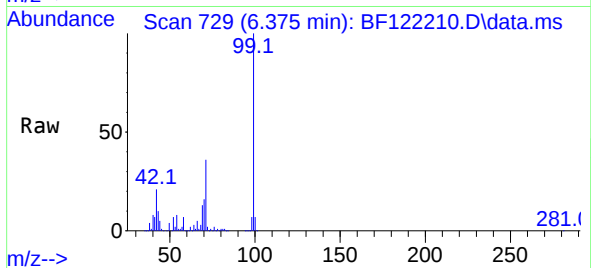




#7
Phenol-d6
Concen: 104.77 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

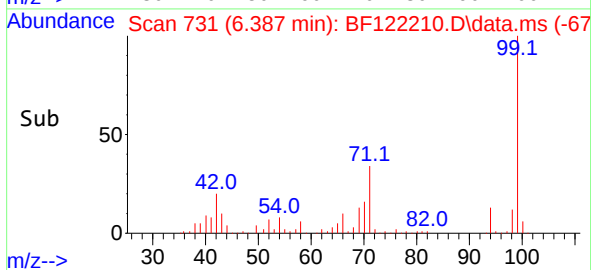
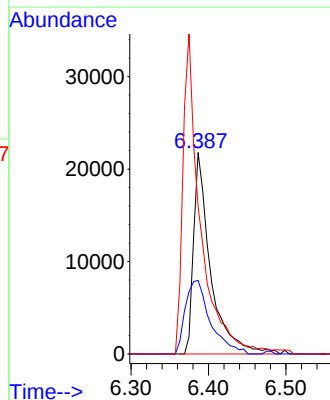
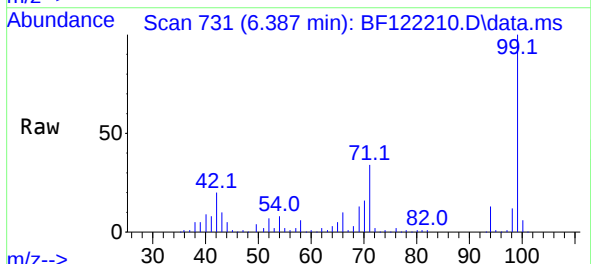
Instrument :
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ClientSampleId :
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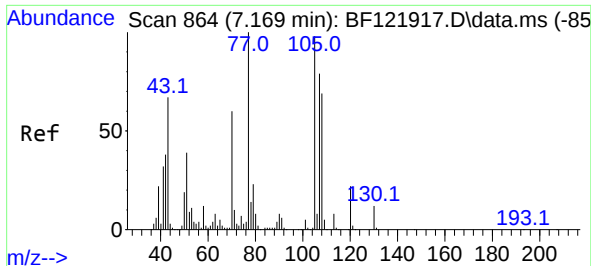
Tgt Ion: 99 Resp: 815483
Ion Ratio Lower Upper
99 100
42 20.7 15.9 23.9
71 36.5 27.1 40.7



#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



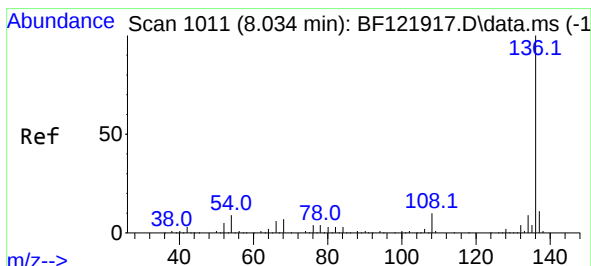
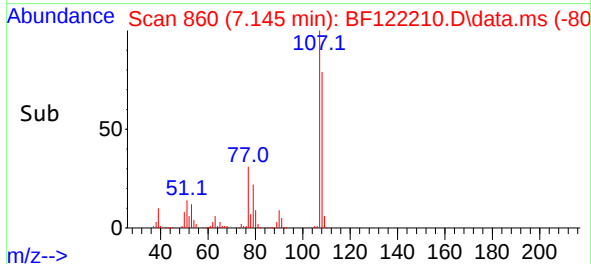
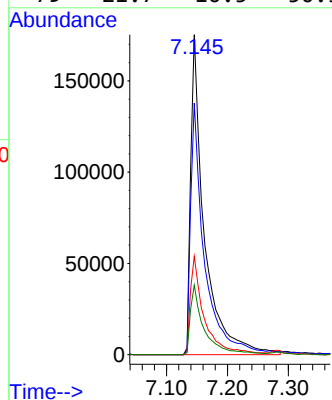
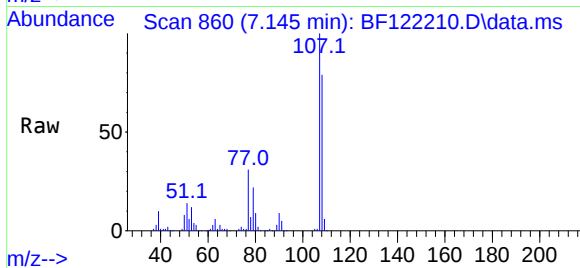


#20
3+4-Methylphenols
Concen: 43.34 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

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

Tgt Ion:107 Resp: 273104

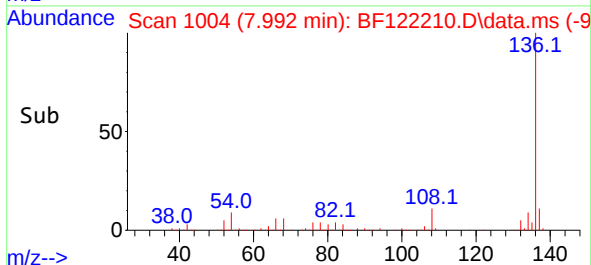
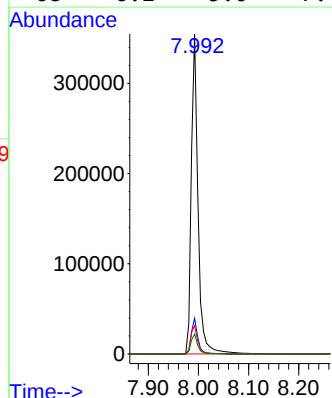
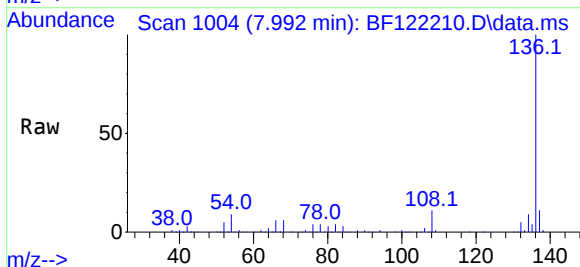
Ion	Ratio	Lower	Upper
107	100		
108	78.6	68.9	108.9
77	30.8	108.0	148.0#
79	21.7	10.5	50.5

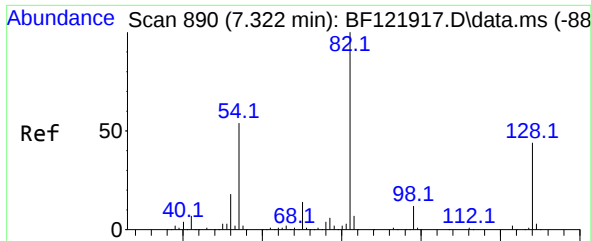


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

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

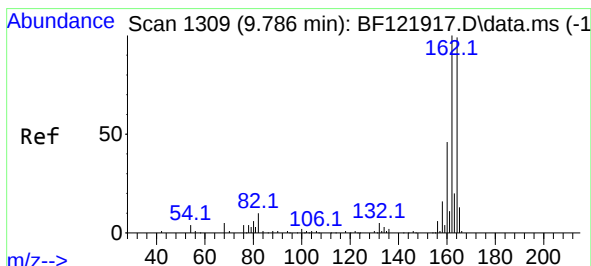
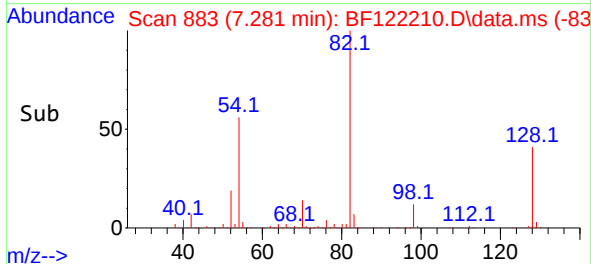
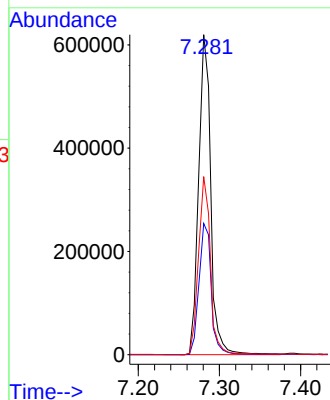
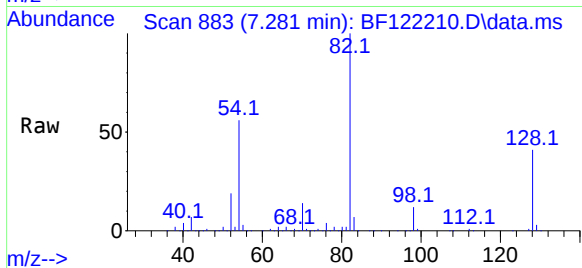




#23
Nitrobenzene-d5
Concen: 99.44 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

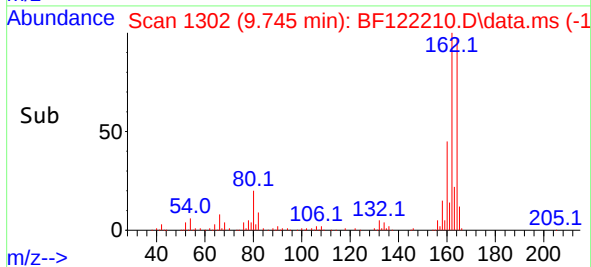
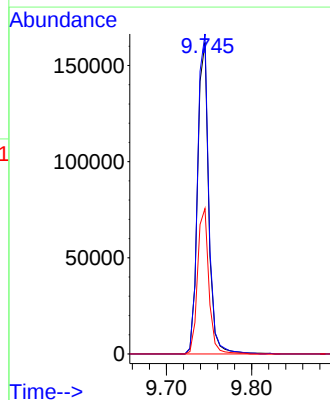
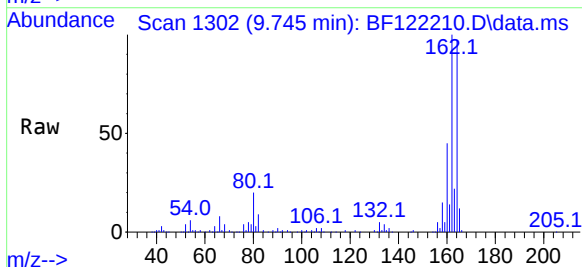
Instrument :
BNA_F
ClientSampleId :
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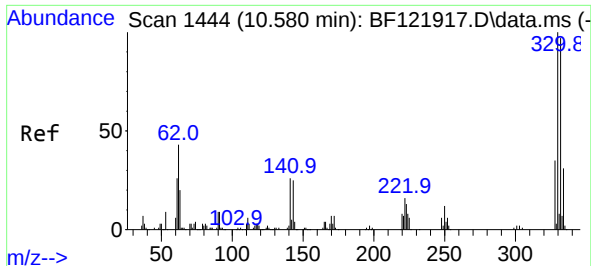
Tgt Ion: 82 Resp: 643390
Ion Ratio Lower Upper
82 100
128 41.0 35.0 52.4
54 55.6 43.9 65.9



#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

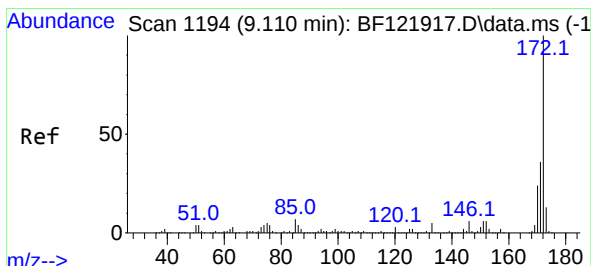
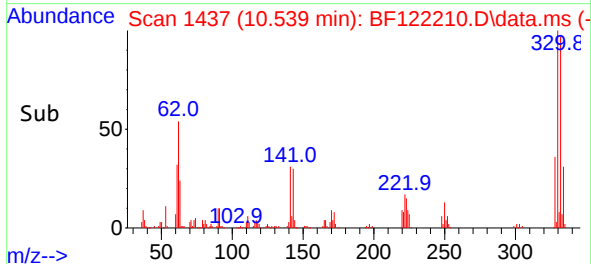
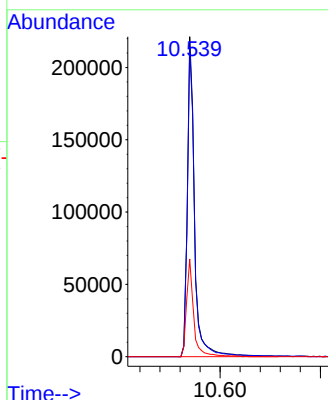
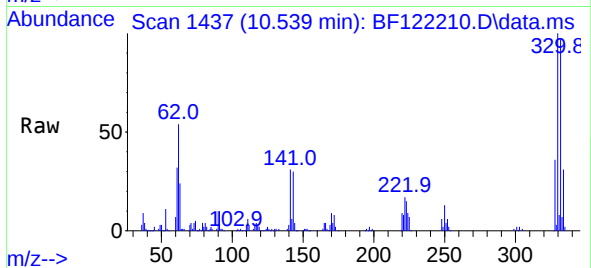




#42
2,4,6-Tribromophenol
Concen: 122.02 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

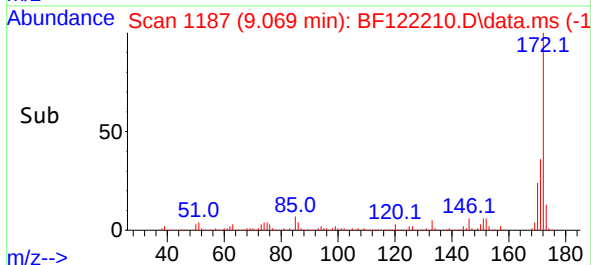
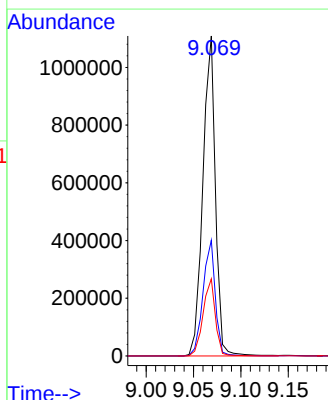
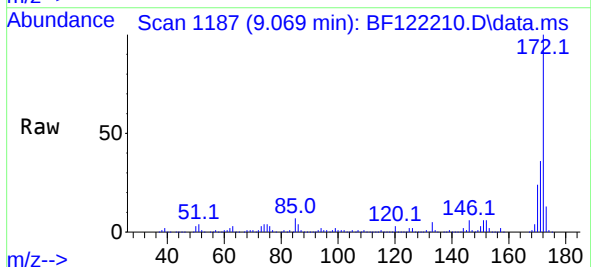
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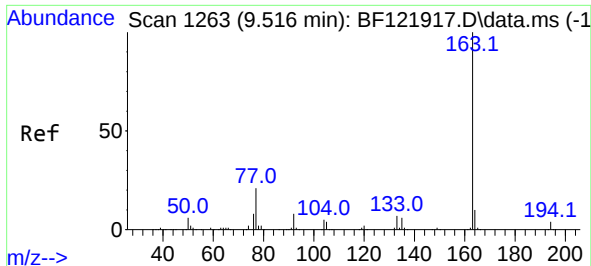
Tgt Ion:330 Resp: 222012
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 30.3 22.3 33.5



#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

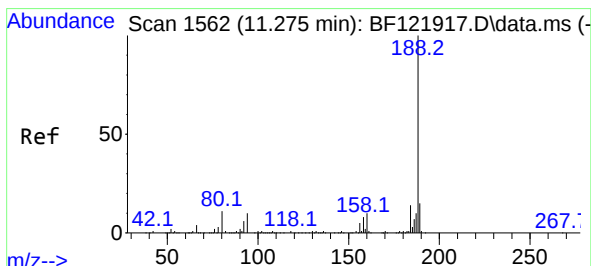
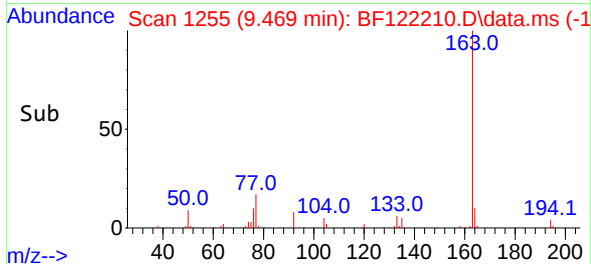
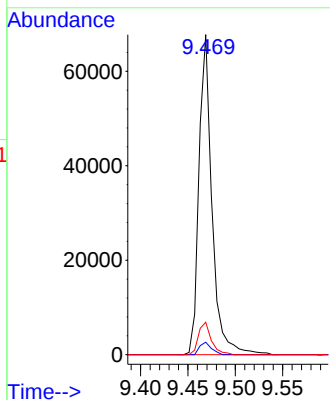
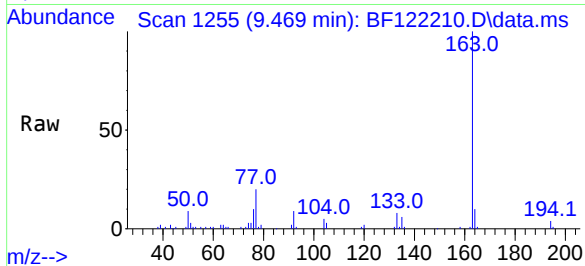




#50
Dimethylphthalate
Concen: 6.06 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

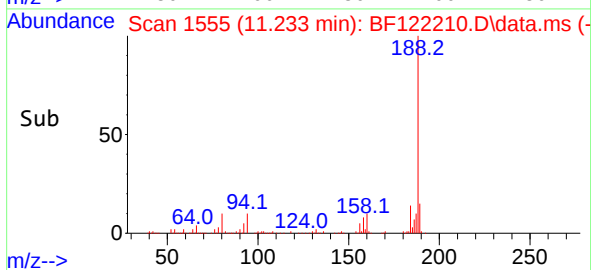
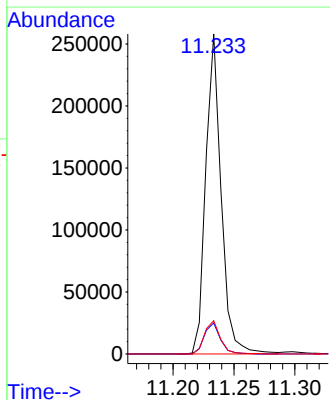
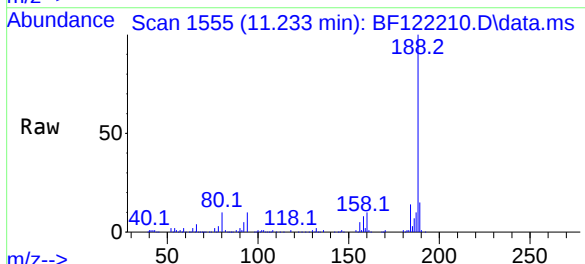
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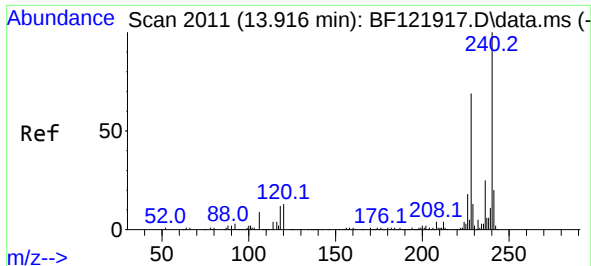
Tgt Ion:163	Resp:	65167
Ion Ratio	Lower	Upper
163	100	
194	3.9	3.3 4.9
164	10.2	8.2 12.4



#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

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

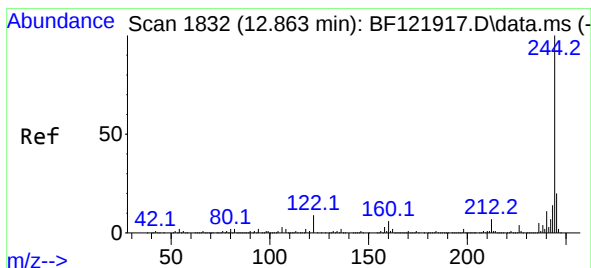
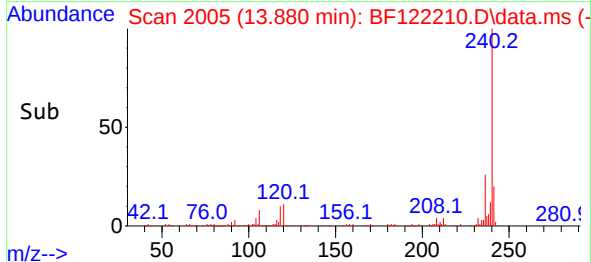
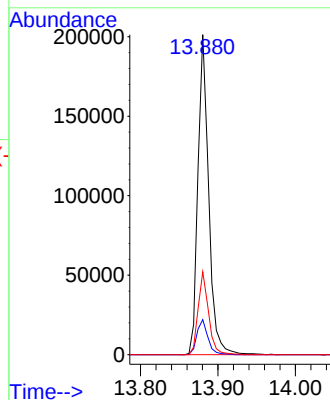
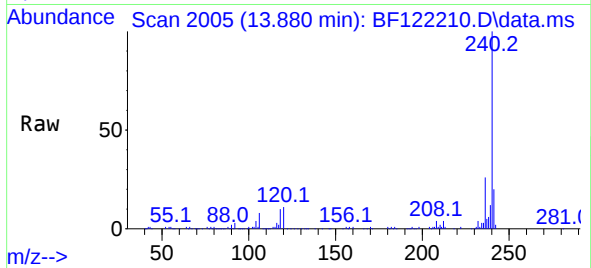




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122210.D
Acq: 31 Oct 2020 9:09

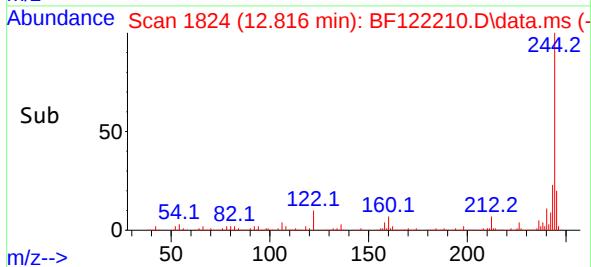
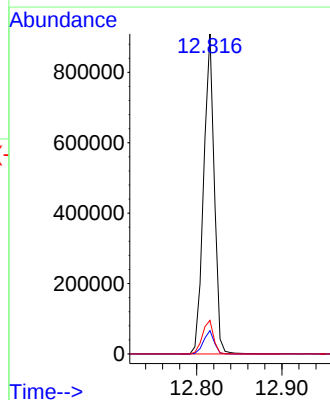
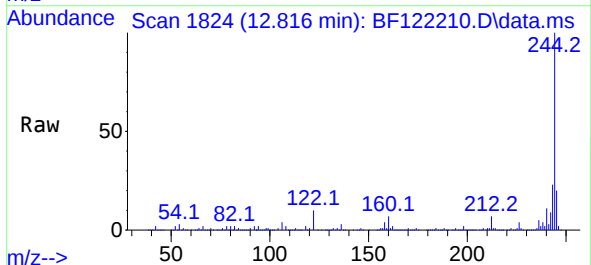
Instrument :
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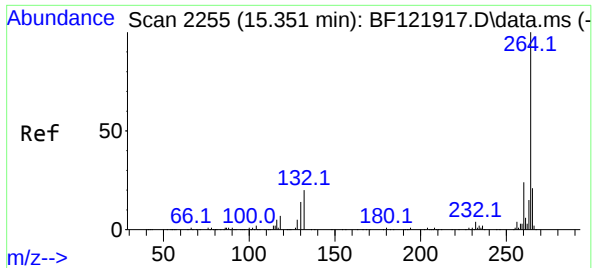
Tgt Ion:240 Resp: 193859
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.9 20.9 31.3



#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

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

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

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

