

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122212.D
 Acq On : 31 Oct 2020 10:10
 Operator : JU/CG
 Sample : L4568-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIS-WASH

Quant Time: Nov 01 23:51:29 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)

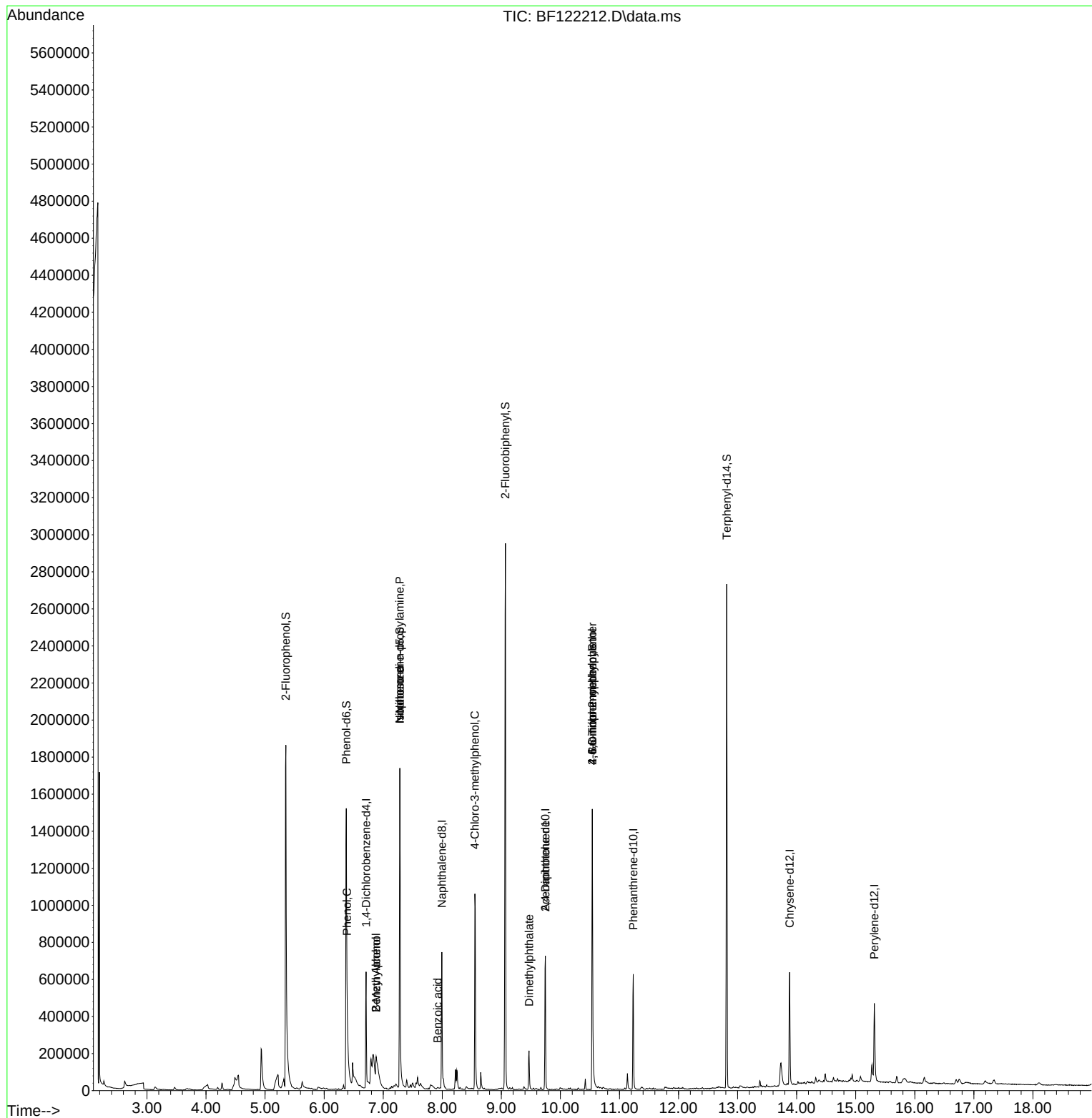
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	89595	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	337245	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	148208	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	233165	20.00	ng	0.00
76) Chrysene-d12	13.880	240	209498	20.00	ng	0.00
86) Perylene-d12	15.315	264	199049	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	674828	111.17	ng	0.02
7) Phenol-d6	6.375	99	745446	95.39	ng	0.00
23) Nitrobenzene-d5	7.281	82	598988	91.09	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	207404	113.13	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	950649	94.38	ng	0.00
79) Terphenyl-d14	12.816	244	824987	75.05	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.304	77	3737	Below Cal		86
10) Phenol	6.387	94	43060	5.34 ng	#	81
15) Benzyl Alcohol	6.881	79	89781	17.76 ng		95
17) 2-Methylphenol	6.881	107	46044	8.78 ng	#	11
19) n-Nitroso-di-n-propyla...	7.281	70	82521	18.55 ng	#	80
25) Isophorone	7.281	82	598980	48.17 ng	#	67
32) Benzoic acid	7.922	122	1348	8.04 ng		88
36) 4-Chloro-3-methylphenol	8.551	107	30533	5.50 ng	#	22
50) Dimethylphthalate	9.469	163	88954	8.21 ng		100
57) 2,4-Dinitrotoluene	9.745	165	19169	6.55 ng	#	20
65) 4,6-Dinitro-2-methylph...	10.539	198	263	4.59 ng	#	1
67) 4-Bromophenyl-phenylether	10.539	248	12171	4.52 ng	#	1

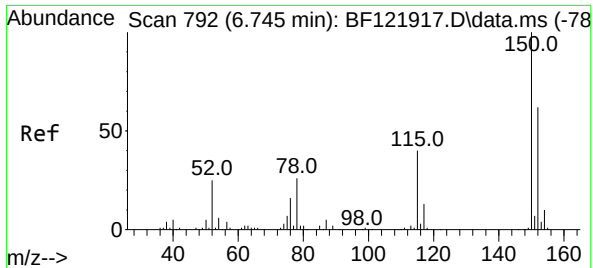
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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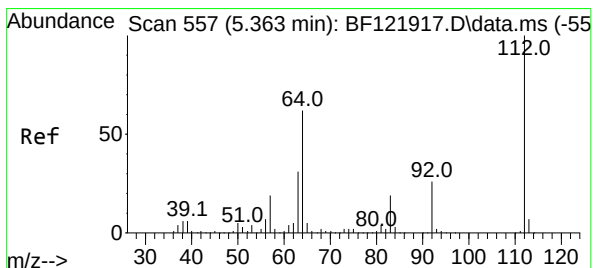
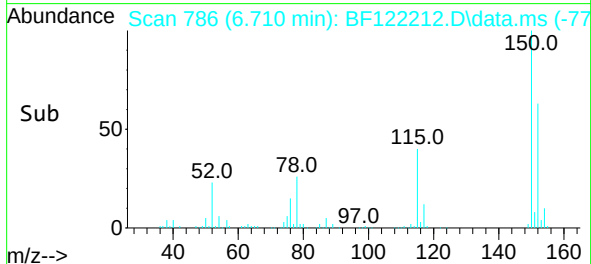
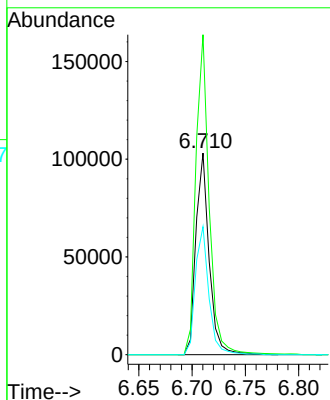
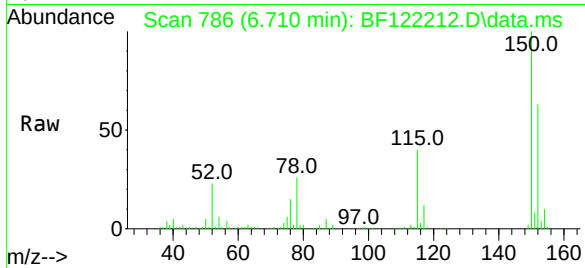




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122212.D
Acq: 31 Oct 2020 10:10

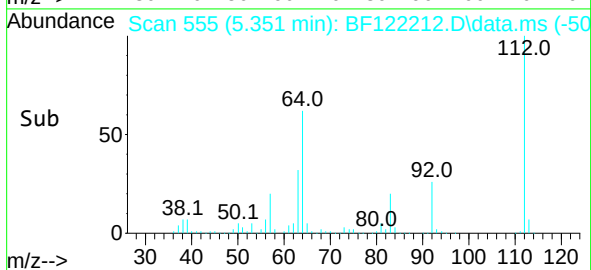
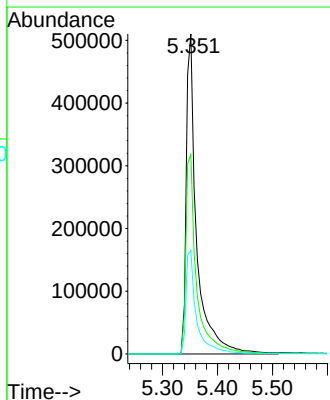
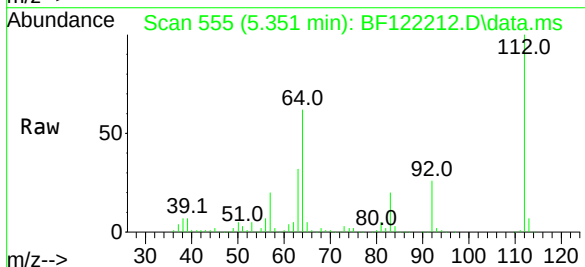
Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

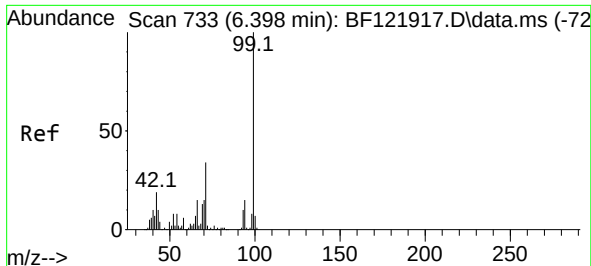
Tgt Ion:152 Resp: 89595
Ion Ratio Lower Upper
152 100
150 158.7 125.3 187.9
115 63.4 51.9 77.9



#5
2-Fluorophenol
Concen: 111.17 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF122212.D
Acq: 31 Oct 2020 10:10

Tgt Ion:112 Resp: 674828
Ion Ratio Lower Upper
112 100
64 62.3 50.4 75.6
63 32.4 25.8 38.6

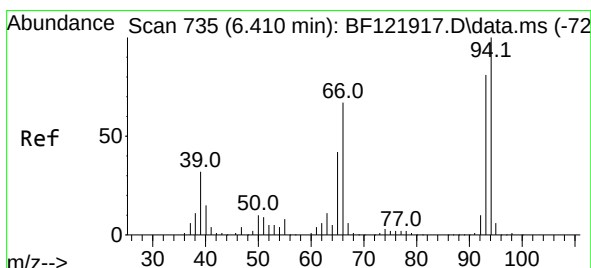
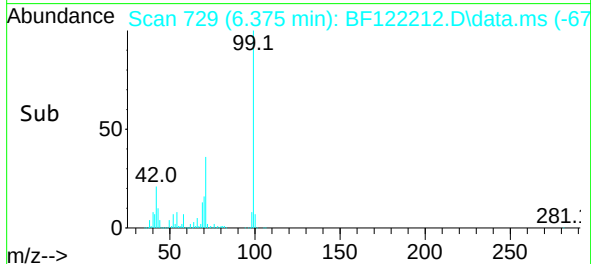
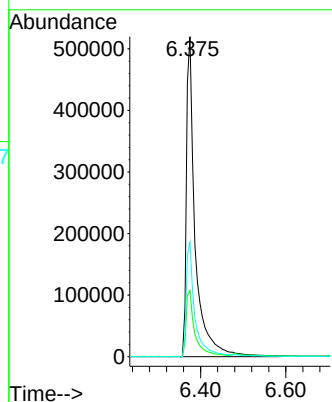
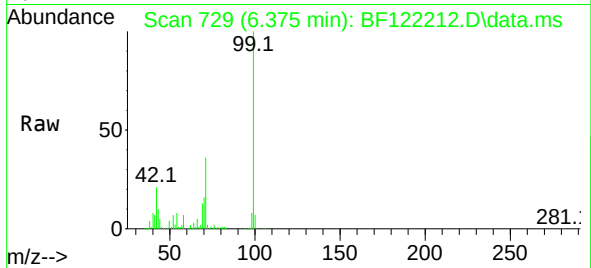




#7
Phenol-d6
Concen: 95.39 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122212.D
Acq: 31 Oct 2020 10:10

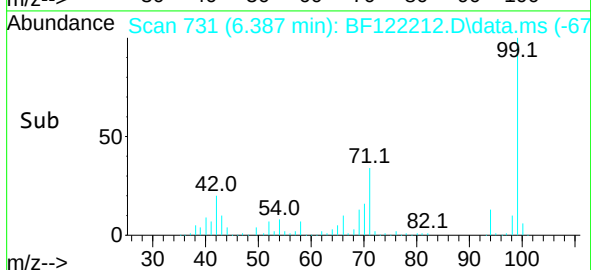
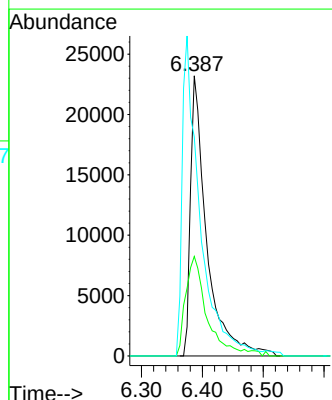
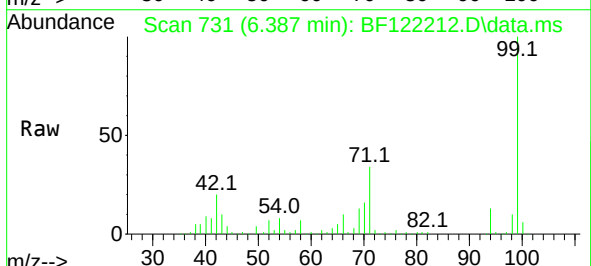
Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

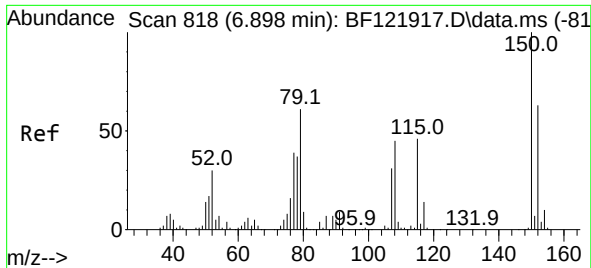
Tgt Ion: 99 Resp: 745446
Ion Ratio Lower Upper
99 100
42 20.7 15.9 23.9
71 35.7 27.1 40.7



#10
Phenol
Concen: 5.34 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF122212.D
Acq: 31 Oct 2020 10:10

Tgt Ion: 94 Resp: 43060
Ion Ratio Lower Upper
94 100
65 35.5 17.1 57.1
66 78.1 36.0 76.0#

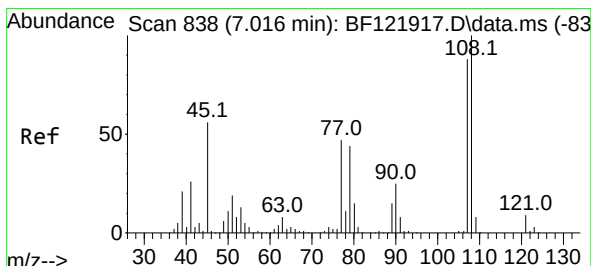
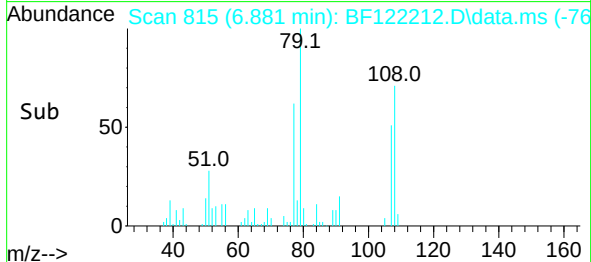
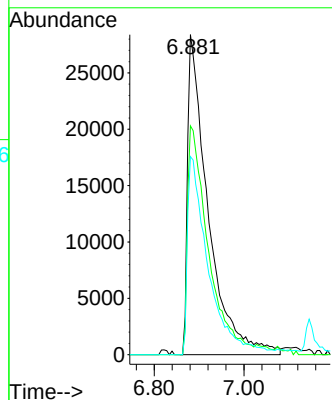
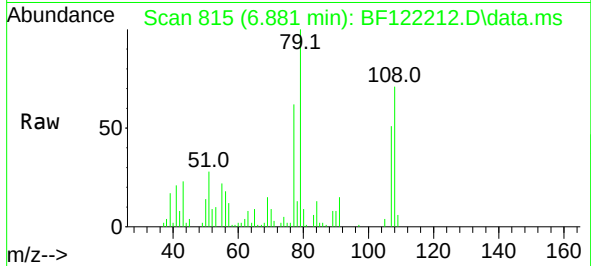




#15
Benzyl Alcohol
Concen: 17.76 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.012 min
Lab File: BF122212.D
Acq: 31 Oct 2020 10:10

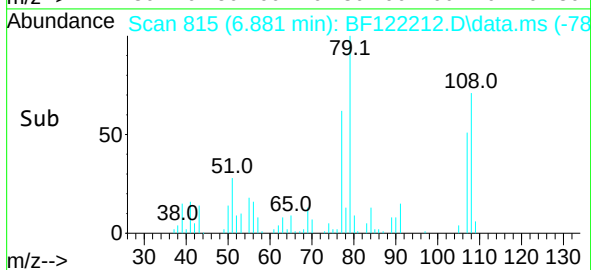
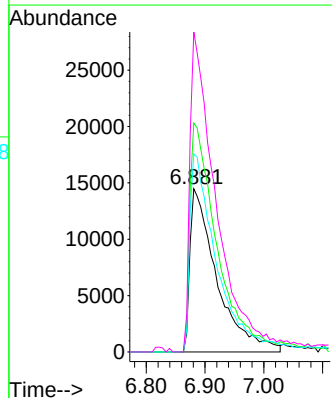
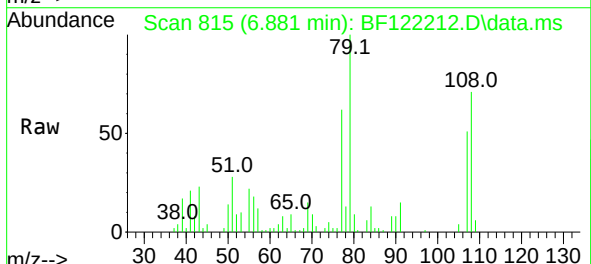
Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

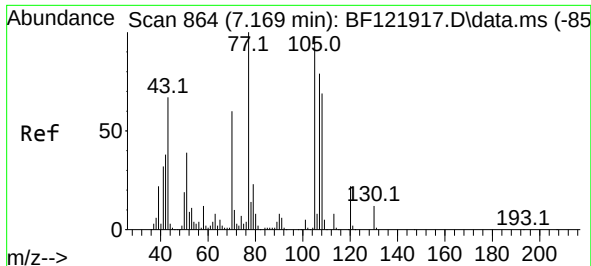
Tgt Ion: 79 Resp: 89781
Ion Ratio Lower Upper
79 100
108 71.5 62.3 93.5
77 61.9 50.6 75.8



#17
2-Methylphenol
Concen: 8.78 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.106 min
Lab File: BF122212.D
Acq: 31 Oct 2020 10:10

Tgt Ion: 107 Resp: 46044
Ion Ratio Lower Upper
107 100
108 140.2 90.9 136.3#
77 121.4 37.5 56.3#
79 196.1 37.4 56.0#

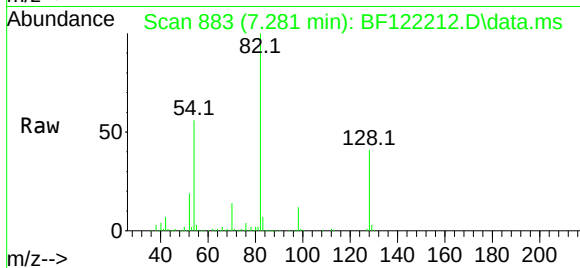




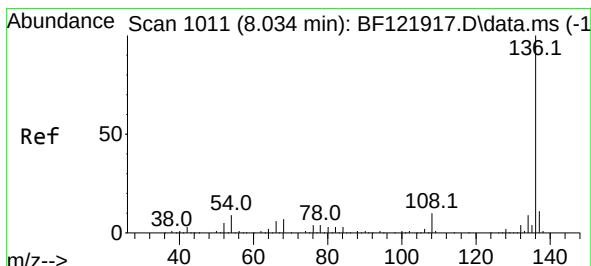
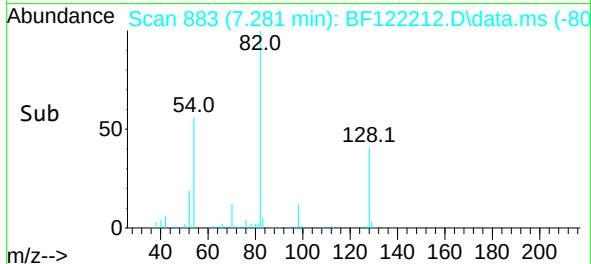
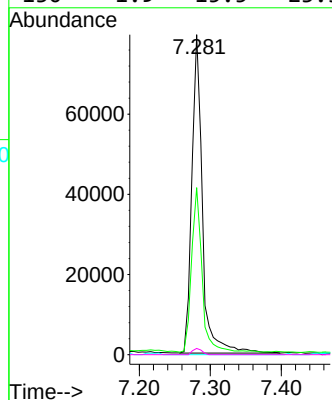
#19

n-Nitroso-di-n-propylamine
Concen: 18.55 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122212.D
Acq: 31 Oct 2020 10:10

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH



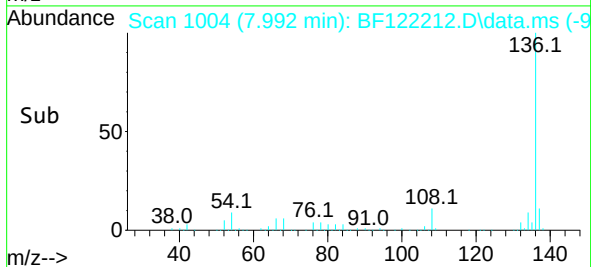
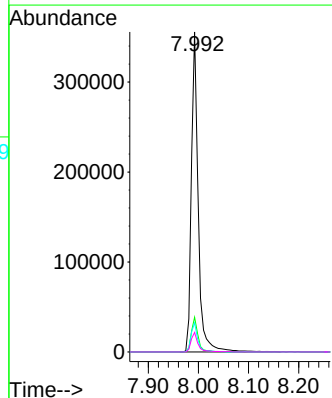
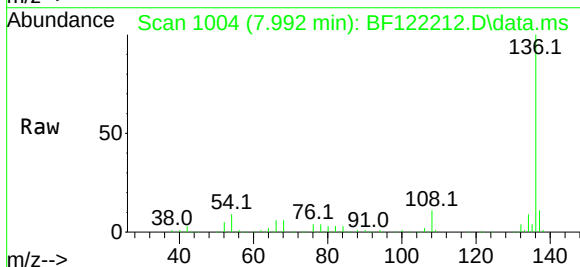
Tgt Ion:	70	Resp:	82521
Ion	Ratio	Lower	Upper
70	100		
42	52.2	50.2	75.4
101	0.0	7.5	11.3#
130	1.9	15.5	23.3#

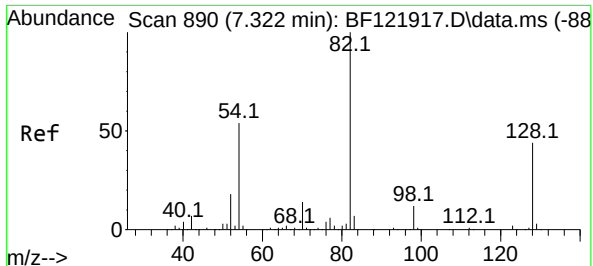


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122212.D
Acq: 31 Oct 2020 10:10

Tgt Ion:	136	Resp:	337245
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.1	7.1	10.7
68	6.1	5.0	7.4





#23

Nitrobenzene-d5

Concen: 91.09 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF122212.D

Acq: 31 Oct 2020 10:10

Tgt Ion: 82 Resp: 598988

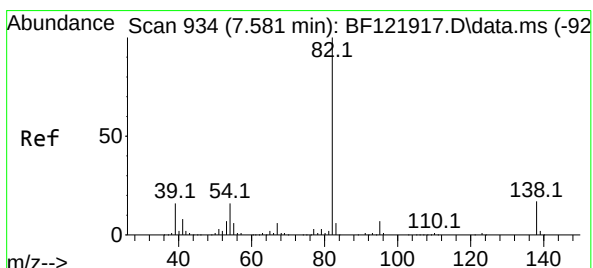
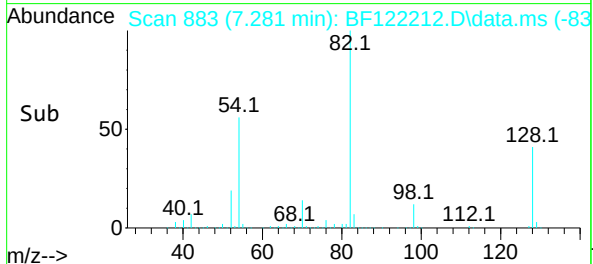
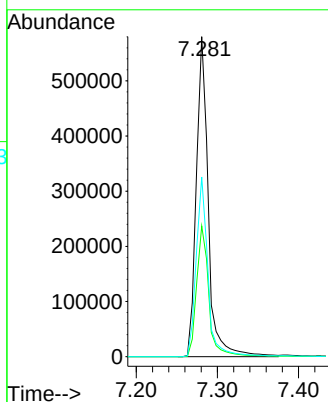
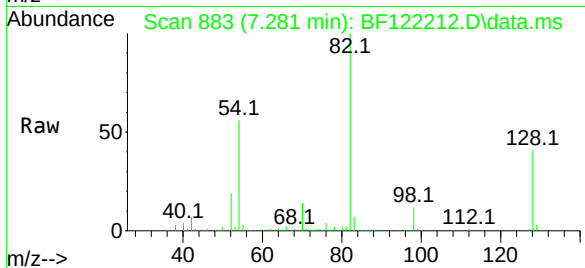
Ion	Ratio	Lower	Upper
82	100		
128	40.8	35.0	52.4
54	56.2	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

CHASSIS-WASH



#25

Isophorone

Concen: 48.17 ng

RT: 7.281 min Scan# 883

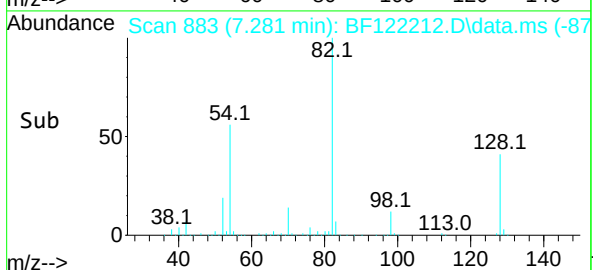
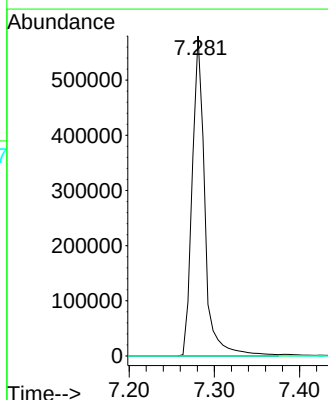
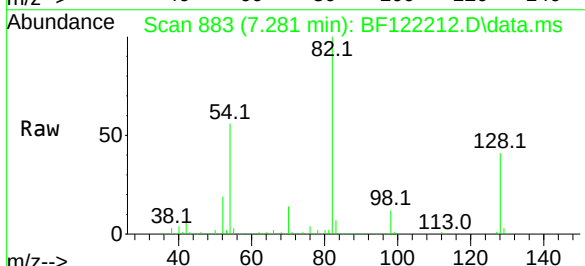
Delta R.T. -0.265 min

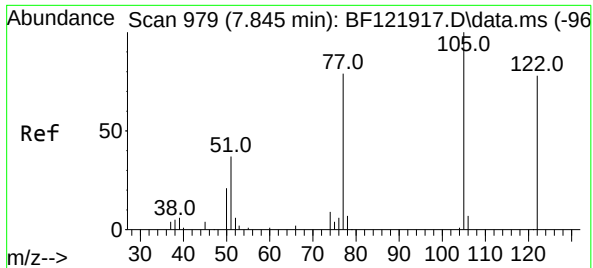
Lab File: BF122212.D

Acq: 31 Oct 2020 10:10

Tgt Ion: 82 Resp: 598980

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

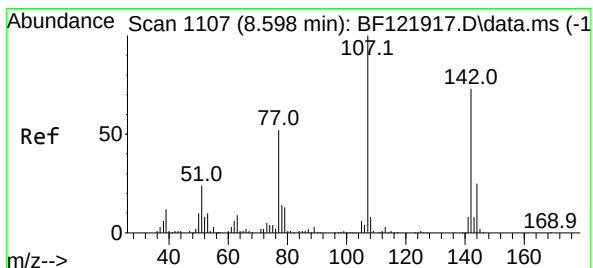
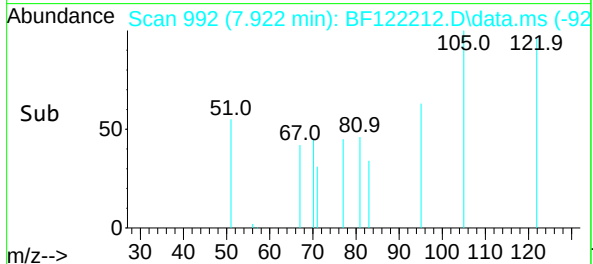
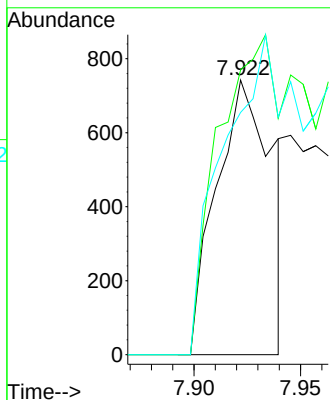
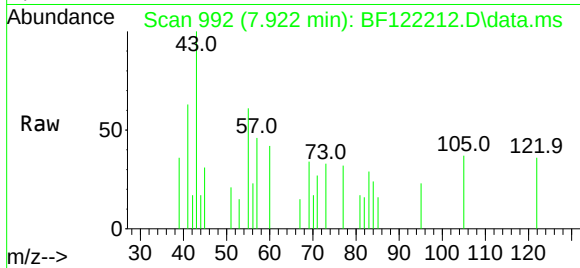




#32
Benzoic acid
Concen: 8.04 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.094 min
Lab File: BF122212.D
Acq: 31 Oct 2020 10:10

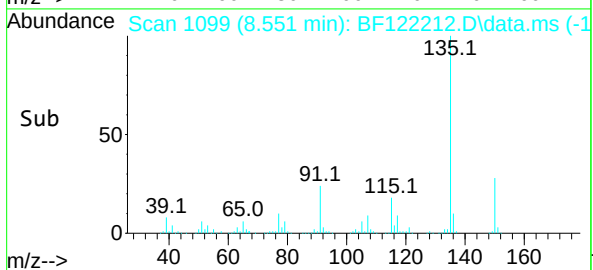
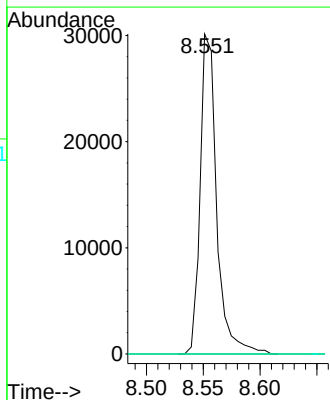
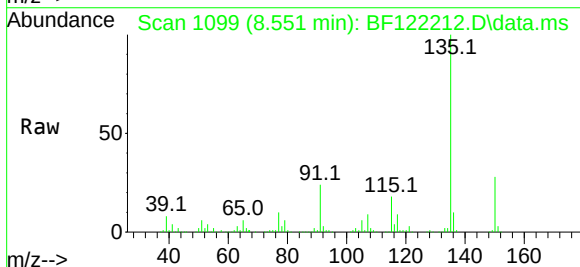
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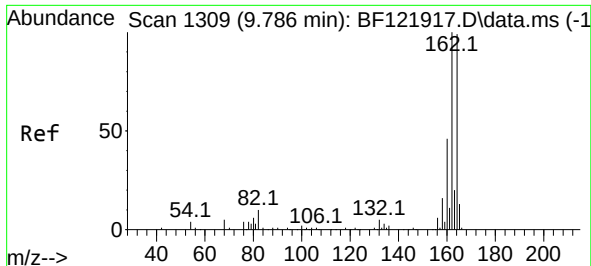
Tgt Ion:	122	Resp:	1348
Ion	Ratio	Lower	Upper
122	100		
105	103.8	103.3	143.3
77	88.3	73.9	113.9



#36
4-Chloro-3-methylphenol
Concen: 5.50 ng
RT: 8.551 min Scan# 1099
Delta R.T. -0.024 min
Lab File: BF122212.D
Acq: 31 Oct 2020 10:10

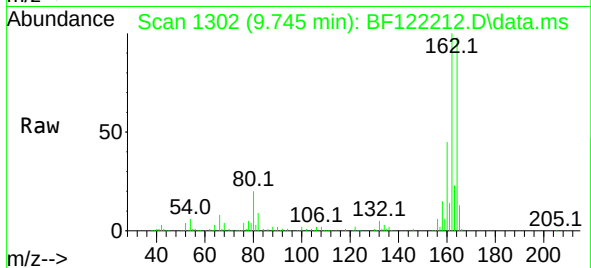
Tgt Ion:	107	Resp:	30533
Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.1	30.1#
142	0.0	59.3	88.9#



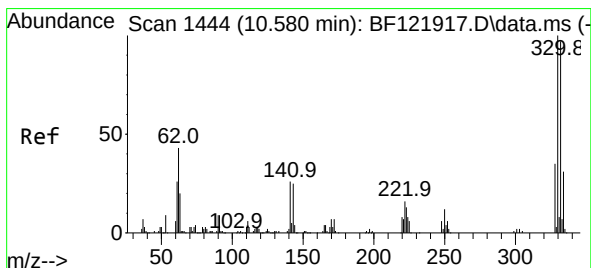
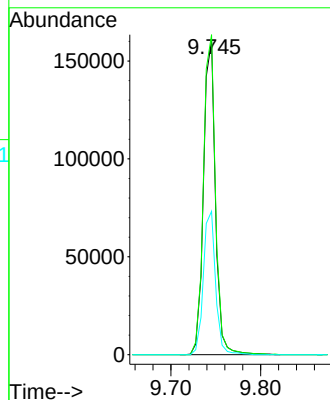
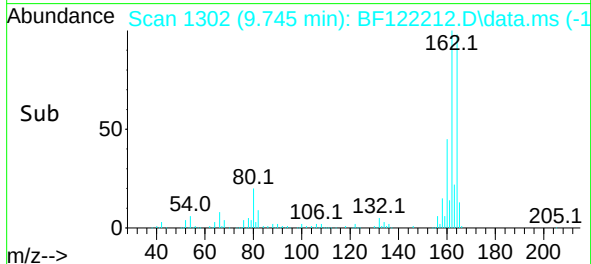


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122212.D
Acq: 31 Oct 2020 10:10

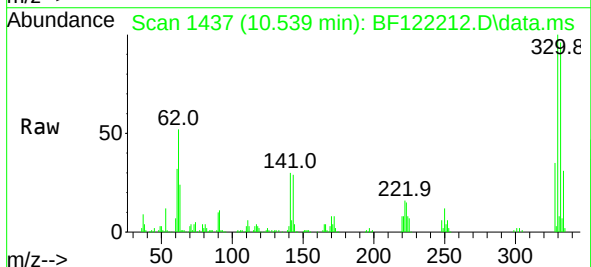
Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH



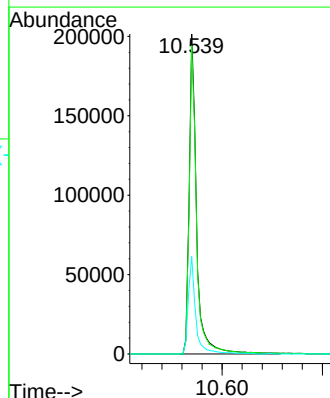
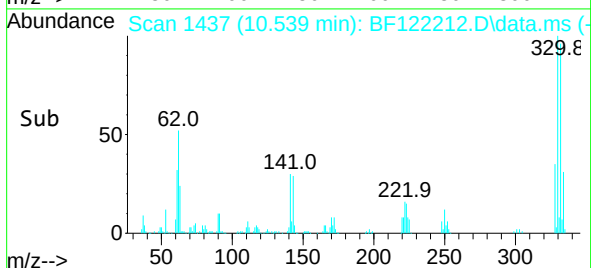
Tgt Ion:164 Resp: 148208
Ion Ratio Lower Upper
164 100
162 101.8 83.2 124.8
160 45.6 37.5 56.3

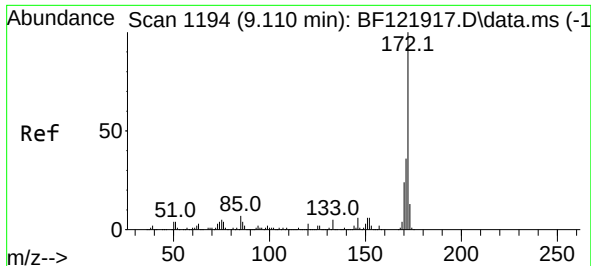


#42
2,4,6-Tribromophenol
Concen: 113.13 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122212.D
Acq: 31 Oct 2020 10:10



Tgt Ion:330 Resp: 207404
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 30.8 22.3 33.5

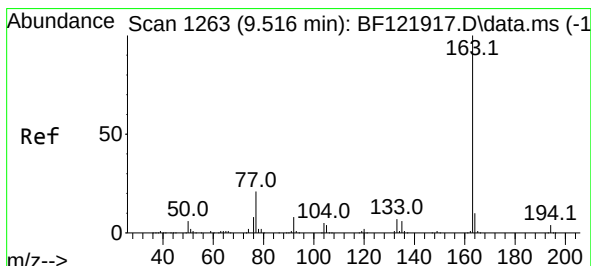
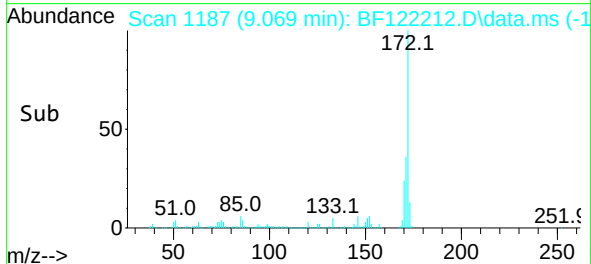
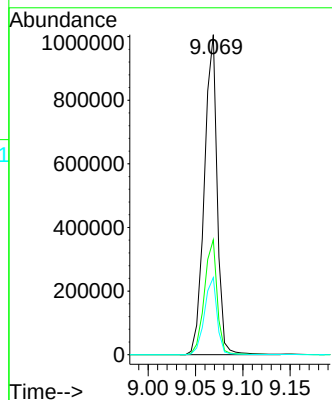
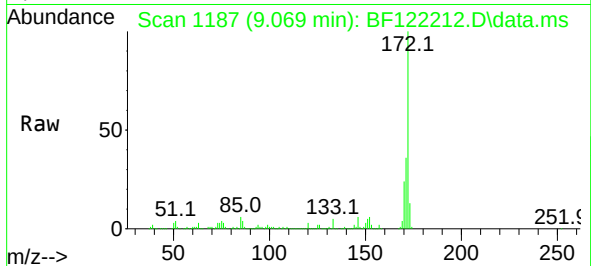




#45
2-Fluorobiphenyl
Concen: 94.38 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122212.D
Acq: 31 Oct 2020 10:10

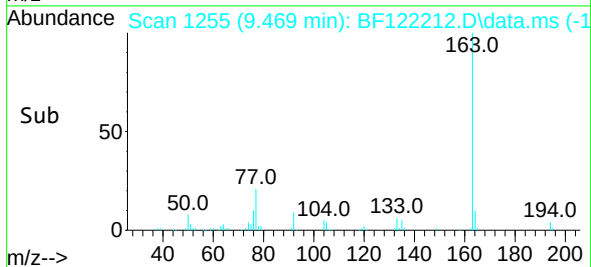
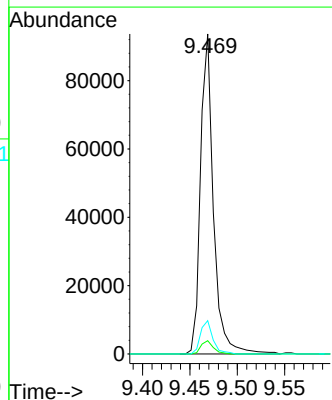
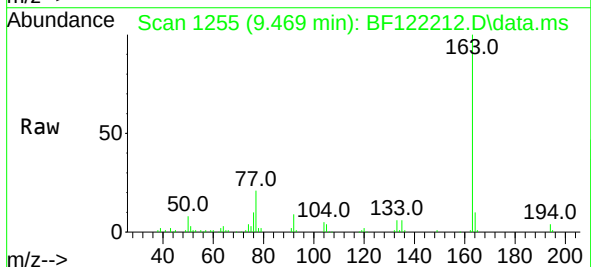
Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

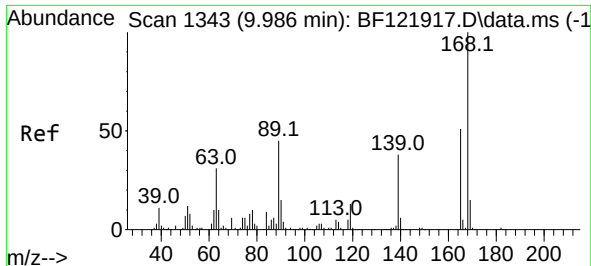
Tgt Ion:172 Resp: 950649
Ion Ratio Lower Upper
172 100
171 35.9 29.1 43.7
170 24.1 19.8 29.6



#50
Dimethylphthalate
Concen: 8.21 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122212.D
Acq: 31 Oct 2020 10:10

Tgt Ion:163 Resp: 88954
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.2 12.4

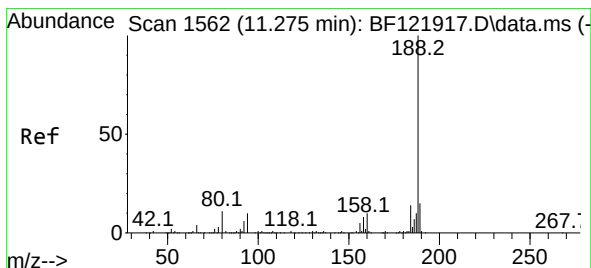
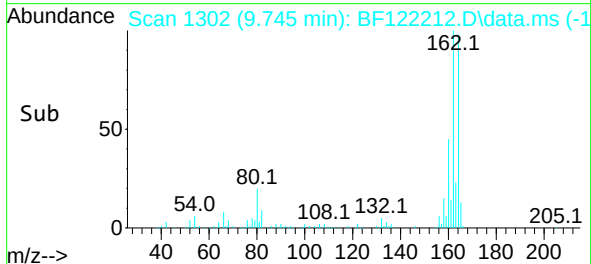
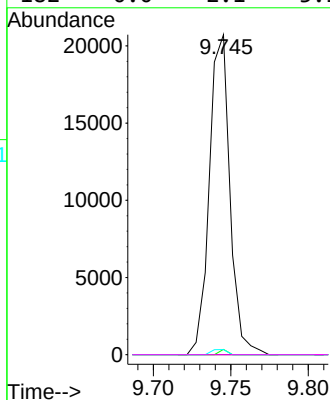
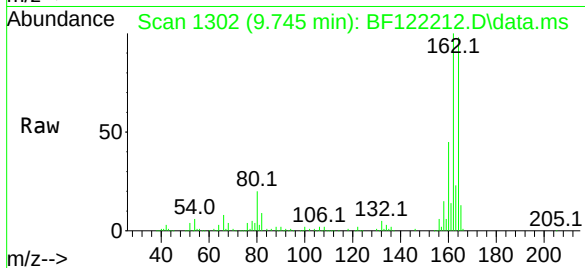




#57
2,4-Dinitrotoluene
Concen: 6.55 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122212.D
Acq: 31 Oct 2020 10:10

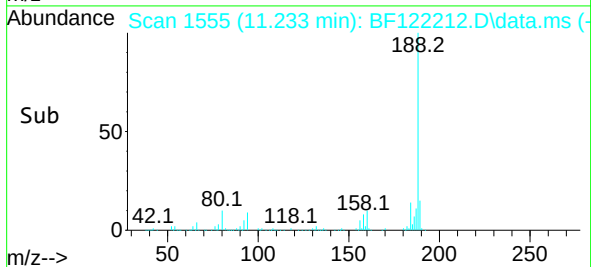
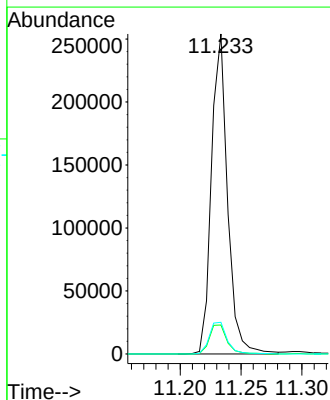
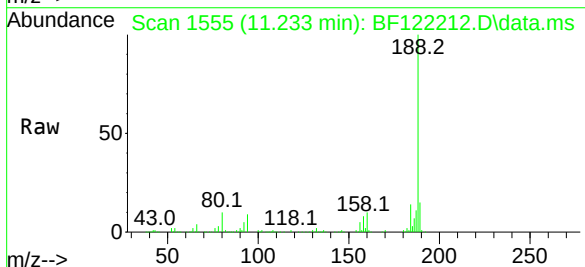
Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

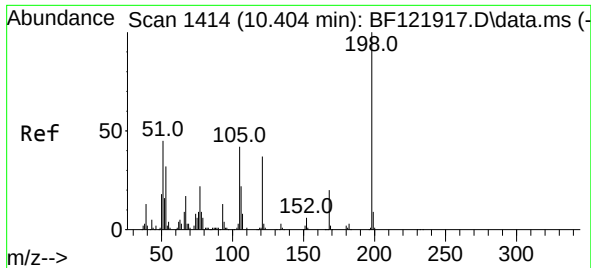
Tgt Ion:	165	Resp:	19169
Ion Ratio	Lower	Upper	
165	100		
63	1.7	41.3	61.9#
89	1.6	61.8	92.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122212.D
Acq: 31 Oct 2020 10:10

Tgt Ion:	188	Resp:	233165
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.3	12.5
80	9.9	9.1	13.7

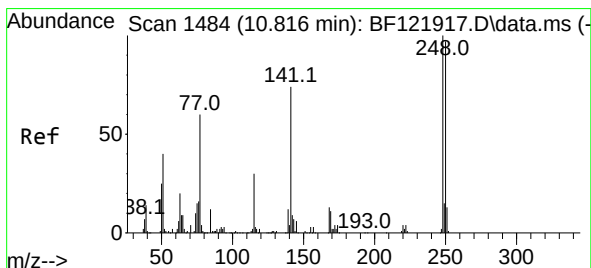
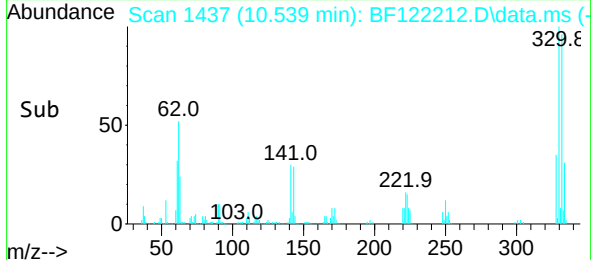
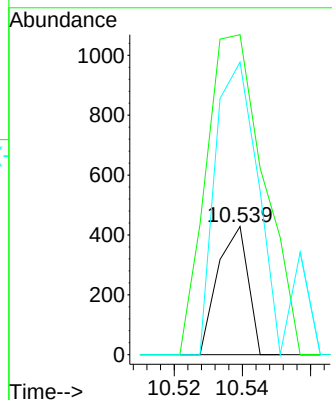
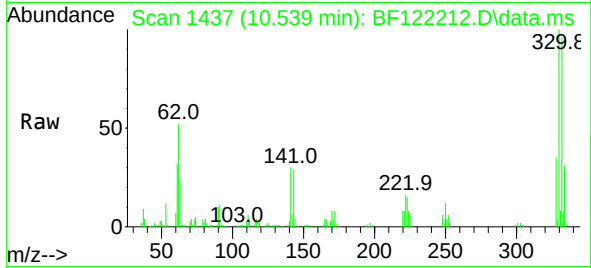




#65
4,6-Dinitro-2-methylphenol
Concen: 4.59 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122212.D
Acq: 31 Oct 2020 10:10

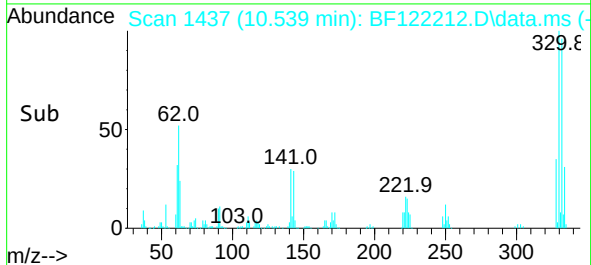
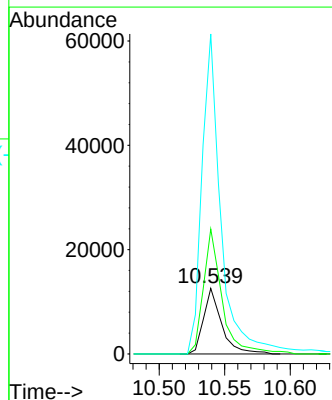
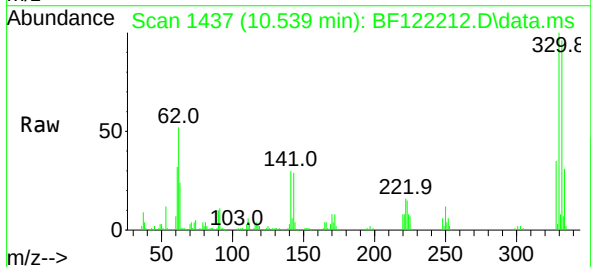
Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

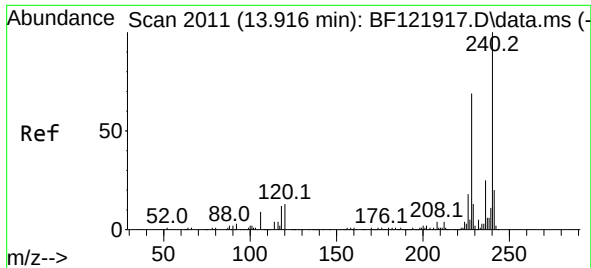
Tgt Ion:198 Resp: 263
Ion Ratio Lower Upper
198 100
51 249.8 29.6 69.6#
105 228.3 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.52 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122212.D
Acq: 31 Oct 2020 10:10

Tgt Ion:248 Resp: 12171
Ion Ratio Lower Upper
248 100
250 190.3 77.0 115.6#
141 487.5 53.7 80.5#

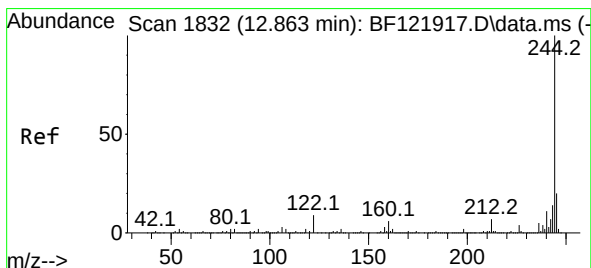
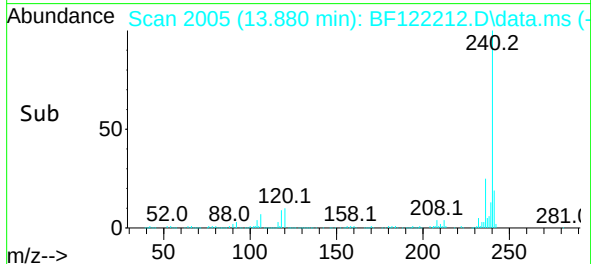
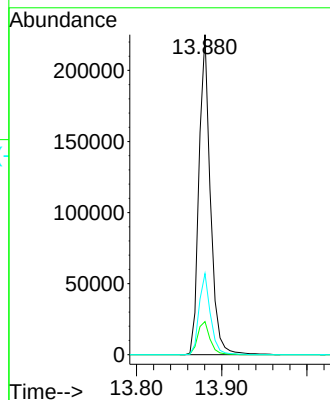
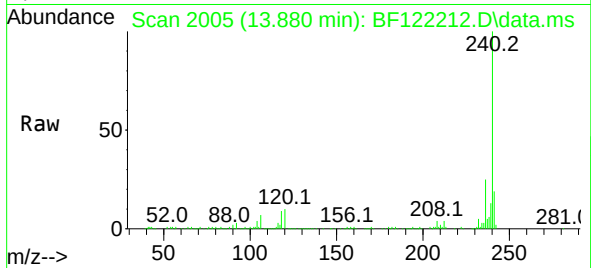




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF122212.D
Acq: 31 Oct 2020 10:10

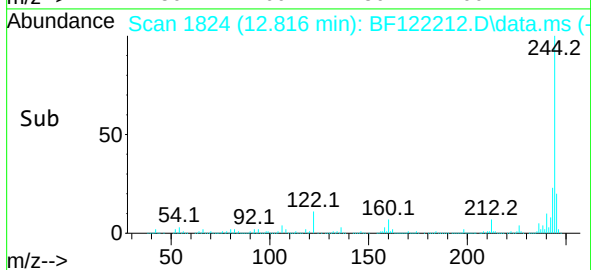
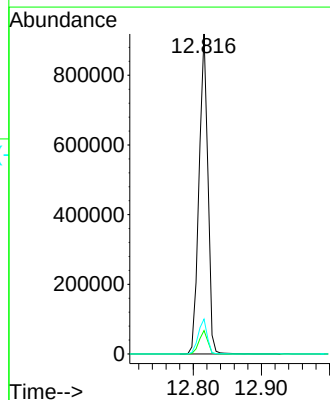
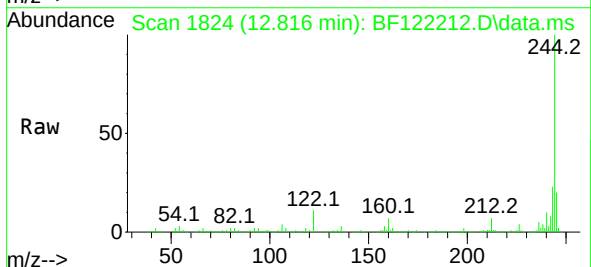
Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

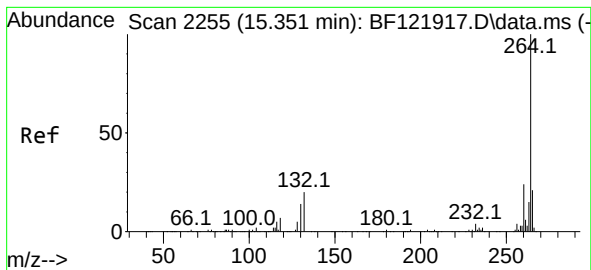
Tgt Ion:240 Resp: 209498
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 25.3 20.9 31.3



#79
Terphenyl-d14
Concen: 75.05 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF122212.D
Acq: 31 Oct 2020 10:10

Tgt Ion:244 Resp: 824987
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 10.9 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: BF122212.D
 Acq: 31 Oct 2020 10:10

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIS-WASH

Tgt Ion:264 Resp: 199049
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 21.9 17.3 25.9

