

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062621\
 Data File : BG049114.D
 Acq On : 26 Jun 2021 18:37
 Operator : CG/JU
 Sample : M2826-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-1(SLUDGE)

Quant Time: Jun 27 04:33:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

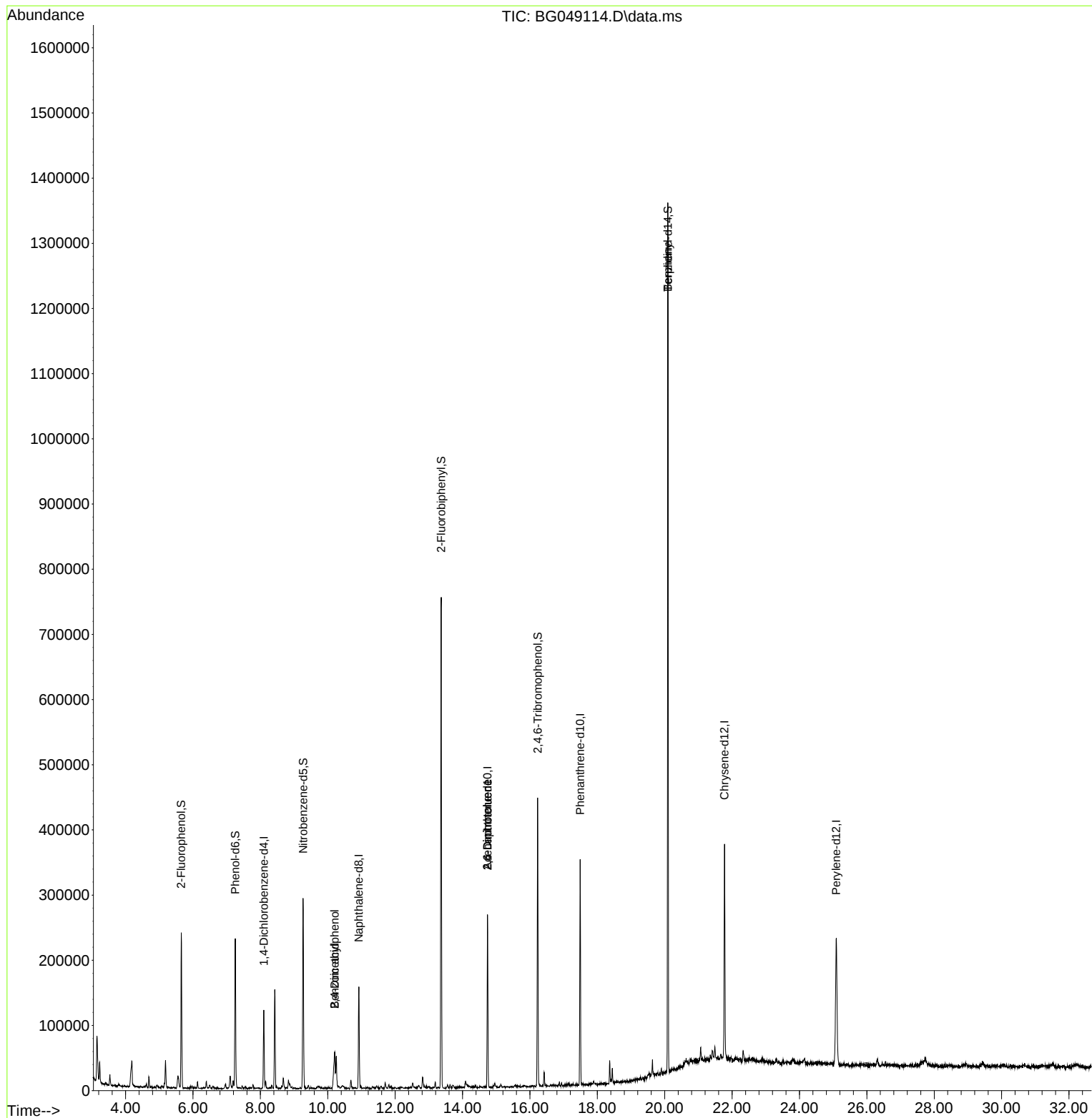
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	31368	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	126172	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	94818	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	221058	20.00	ng	# 0.00
76) Chrysene-d12	21.775	240	209294	20.00	ng	-0.01
86) Perylene-d12	25.089	264	220969	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	95505	47.40	ng	0.00
7) Phenol-d6	7.257	99	118322	39.18	ng	0.00
23) Nitrobenzene-d5	9.266	82	170209	58.17	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	88639	63.10	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	387541	57.74	ng	0.00
79) Terphenyl-d14	20.095	244	628778	55.02	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	10.201	122	28401	14.01	ng	# 1
32) Benzoic acid	10.201	122	28401	21.45	ng	# 72
51) 2,6-Dinitrotoluene	14.742	165	11868	7.89	ng	# 13
57) 2,4-Dinitrotoluene	14.742	165	11868	6.42	ng	# 18
77) Benzidine	20.095	184	12582	2.98	ng	# 88

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

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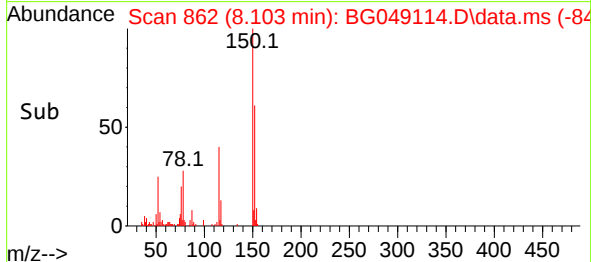
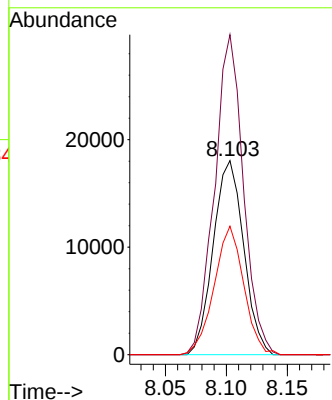
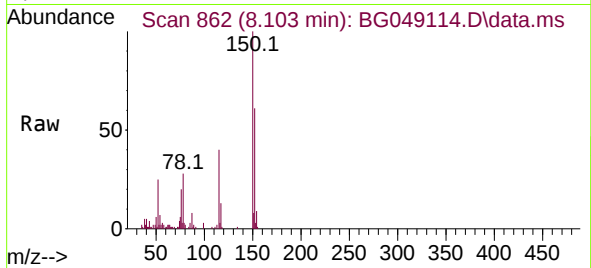




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 862
Delta R.T. -0.002 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

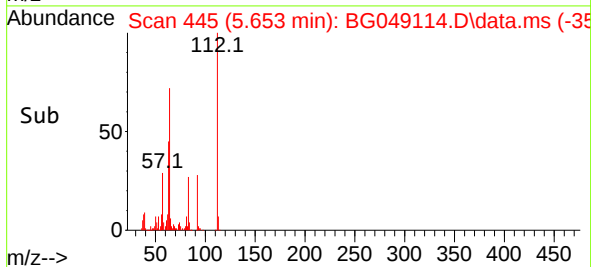
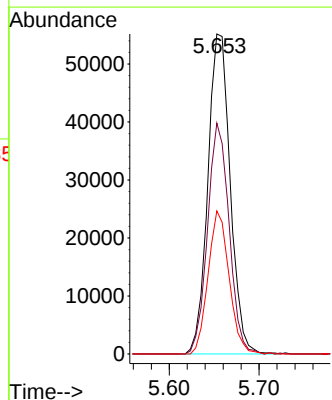
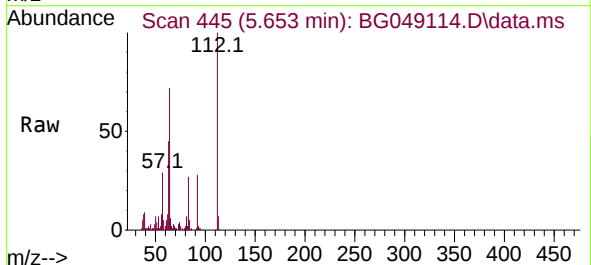
Instrument :
BNA_G
ClientSampleId :
SS-1(SLUDGE)

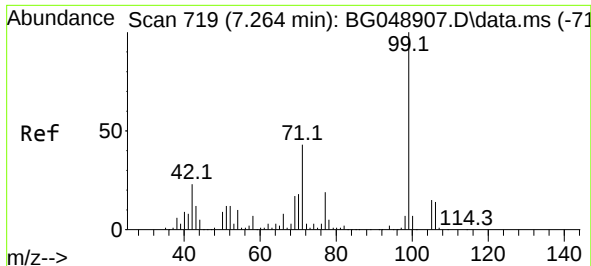
Tgt Ion:152 Resp: 31368
Ion Ratio Lower Upper
152 100
150 164.9 119.4 179.0
115 66.2 60.2 90.4



#5
2-Fluorophenol
Concen: 47.40 ng
RT: 5.653 min Scan# 445
Delta R.T. -0.002 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

Tgt Ion:112 Resp: 95505
Ion Ratio Lower Upper
112 100
64 72.2 46.7 70.1#
63 44.7 35.3 52.9

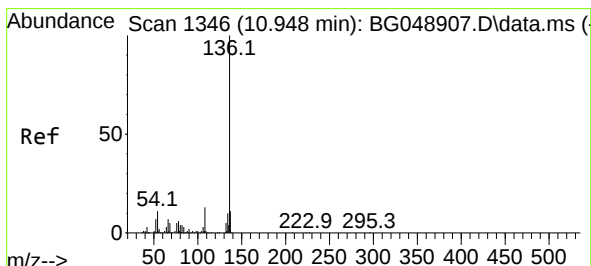
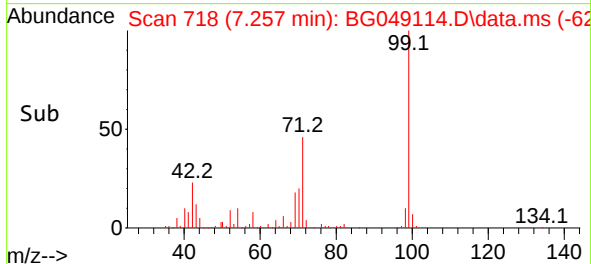
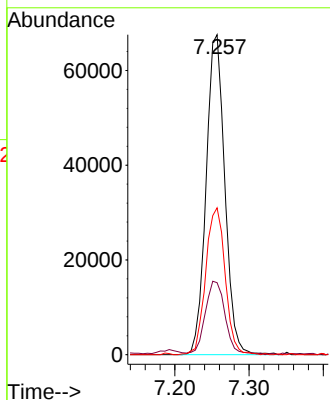
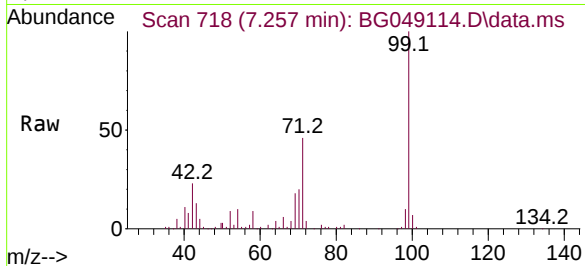




#7
Phenol-d6
Concen: 39.18 ng
RT: 7.257 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

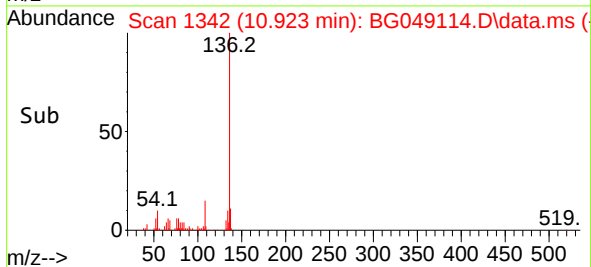
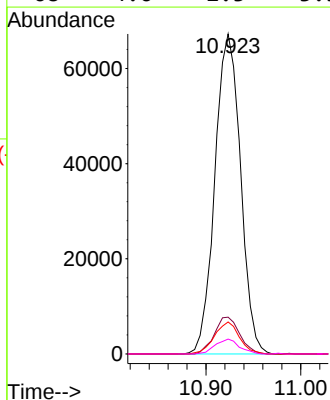
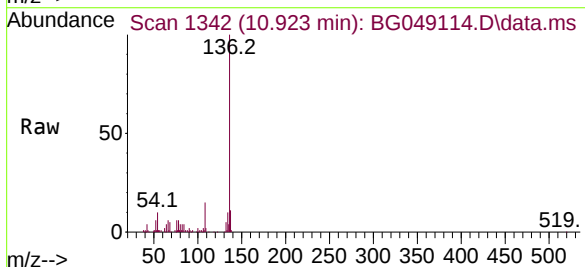
Instrument :
BNA_G
ClientSampleId :
SS-1(SLUDGE)

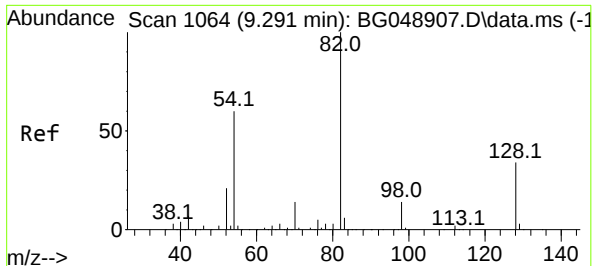
Tgt Ion: 99 Resp: 118322
Ion Ratio Lower Upper
99 100
42 22.5 20.5 30.7
71 45.9 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1342
Delta R.T. -0.002 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

Tgt Ion:136 Resp: 126172
Ion Ratio Lower Upper
136 100
137 11.5 8.2 12.2
54 10.0 5.5 8.3#
68 4.6 2.3 3.5#

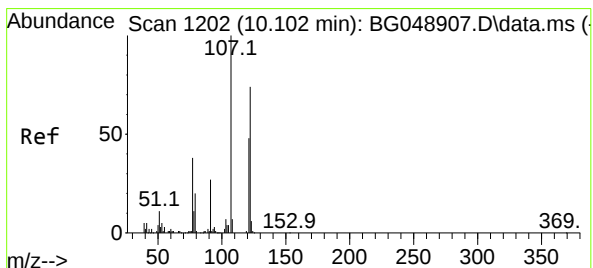
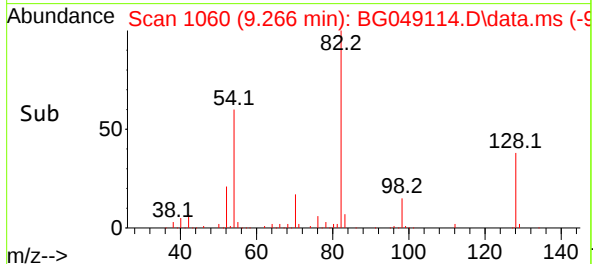
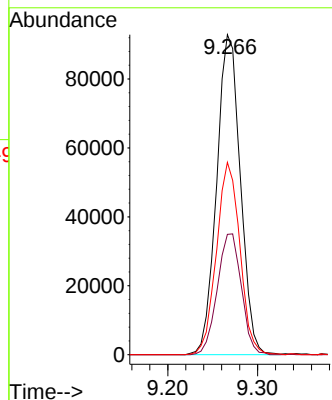
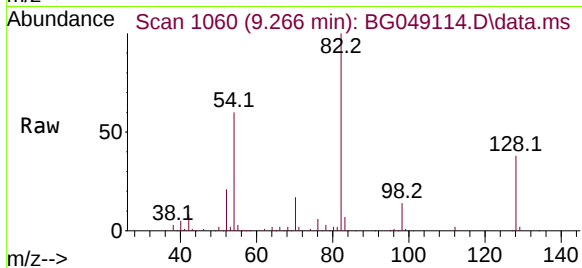




#23
Nitrobenzene-d5
Concen: 58.17 ng
RT: 9.266 min Scan# 1060
Delta R.T. -0.008 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

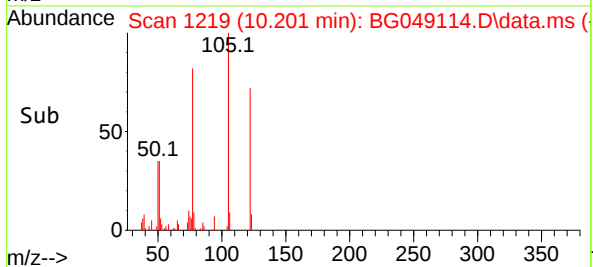
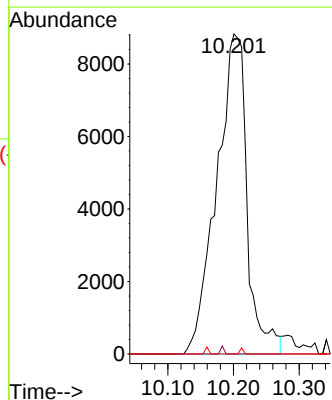
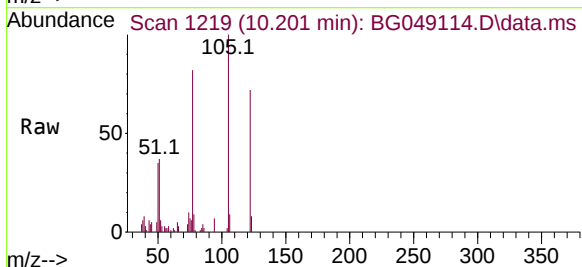
Instrument :
BNA_G
ClientSampleId :
SS-1(SLUDGE)

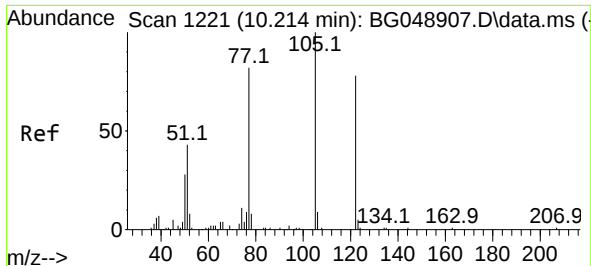
Tgt Ion: 82 Resp: 170209
Ion Ratio Lower Upper
82 100
128 37.6 29.8 44.6
54 60.1 45.8 68.8



#27
2,4-Dimethylphenol
Concen: 14.01 ng
RT: 10.201 min Scan# 1219
Delta R.T. 0.115 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

Tgt Ion: 122 Resp: 28401
Ion Ratio Lower Upper
122 100
107 0.0 110.1 165.1#
121 0.0 49.0 73.6#

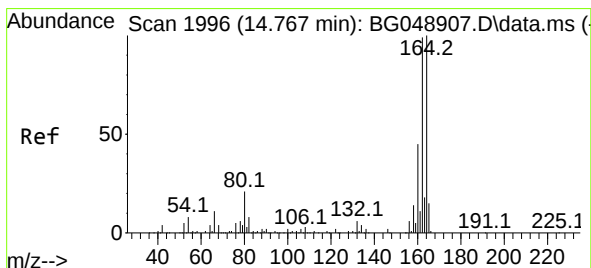
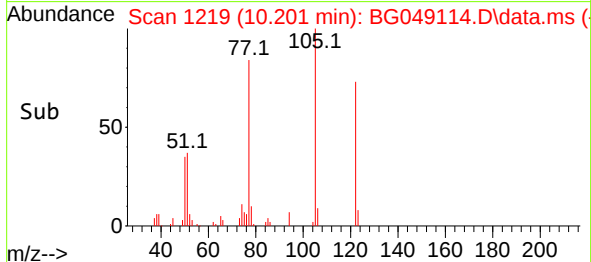
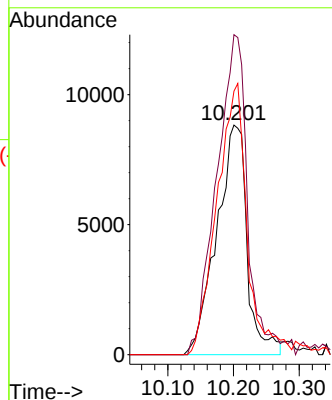
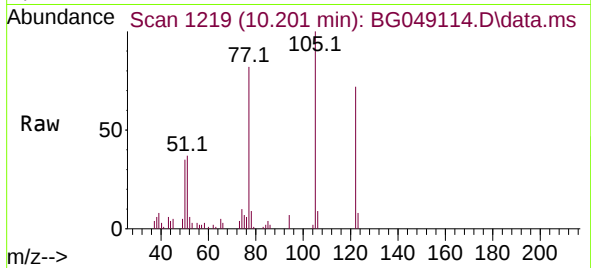




#32
Benzoic acid
Concen: 21.45 ng
RT: 10.201 min Scan# 1219
Delta R.T. -0.032 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

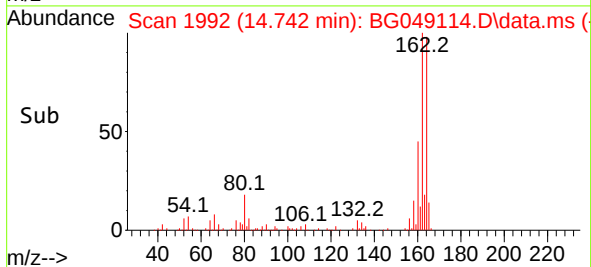
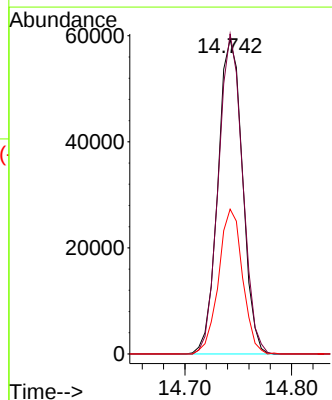
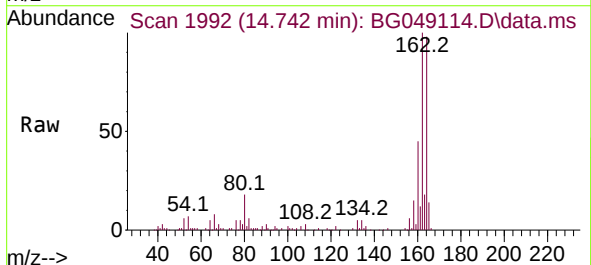
Instrument :
BNA_G
ClientSampleId :
SS-1(SLUDGE)

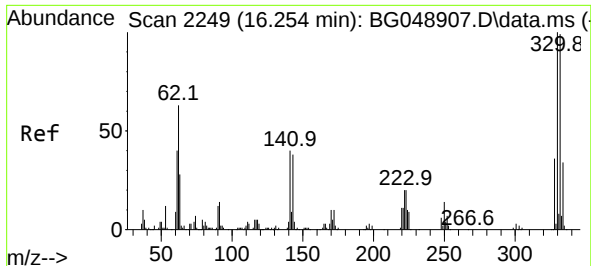
Tgt Ion:122 Resp: 28401
Ion Ratio Lower Upper
122 100
105 139.4 92.3 132.3#
77 114.8 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1992
Delta R.T. -0.008 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

Tgt Ion:164 Resp: 94818
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 46.1 34.9 52.3

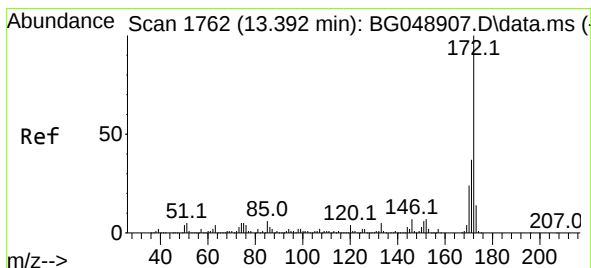
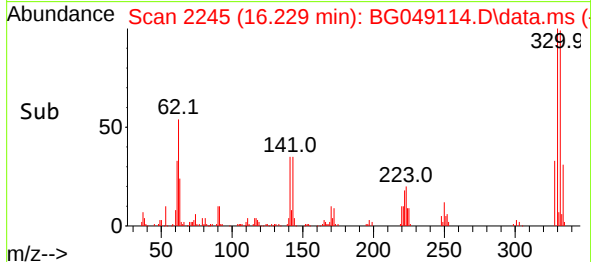
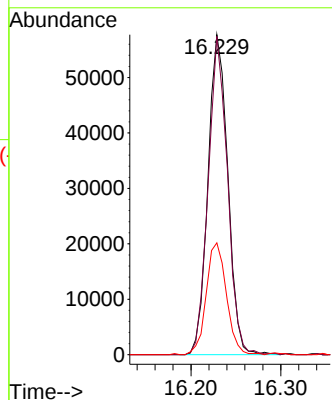
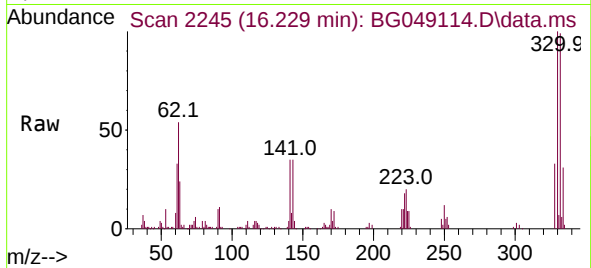




#42
2,4,6-Tribromophenol
Concen: 63.10 ng
RT: 16.229 min Scan# 2245
Delta R.T. -0.008 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

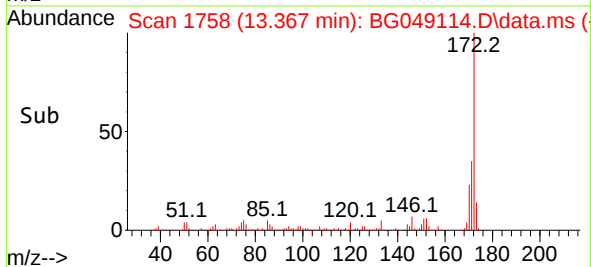
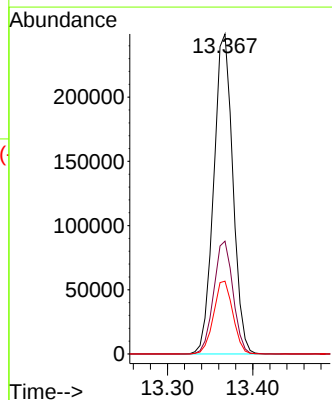
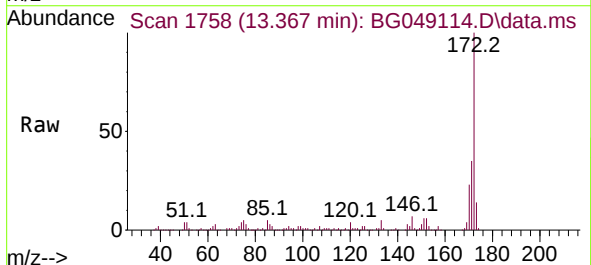
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ClientSampleId :
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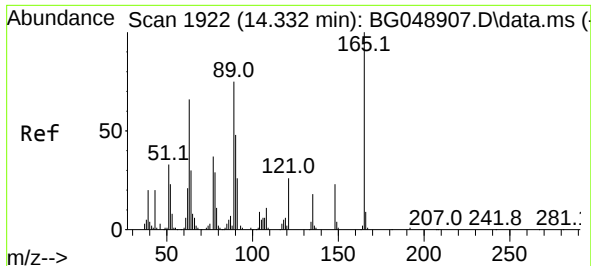
Tgt Ion:330 Resp: 88639
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 35.5 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 57.74 ng
RT: 13.367 min Scan# 1758
Delta R.T. -0.002 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

Tgt Ion:172 Resp: 387541
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 22.7 18.6 27.8

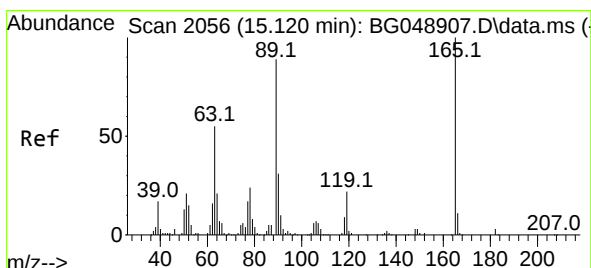
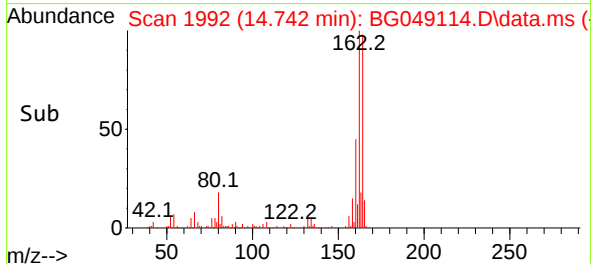
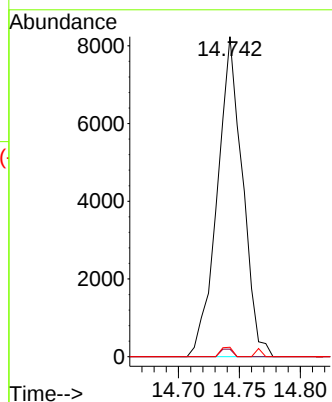
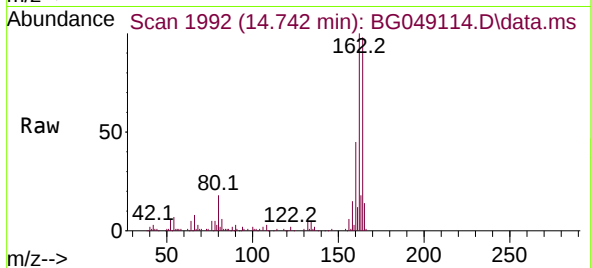




#51
2,6-Dinitrotoluene
Concen: 7.89 ng
RT: 14.742 min Scan# 1992
Delta R.T. 0.426 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

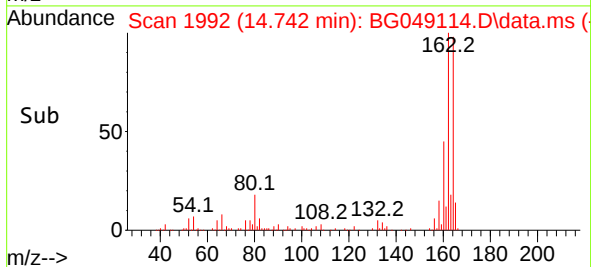
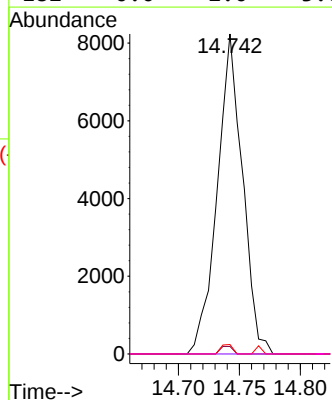
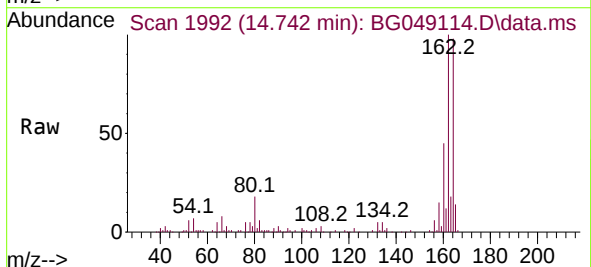
Instrument :
BNA_G
ClientSampleId :
SS-1(SLUDGE)

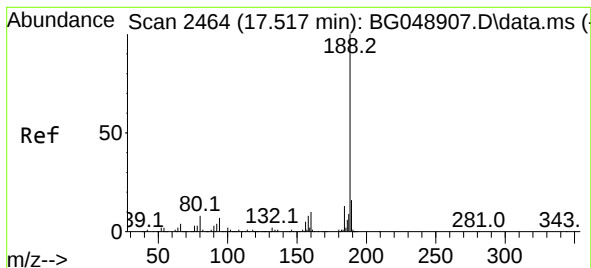
Tgt Ion:165 Resp: 11868
Ion Ratio Lower Upper
165 100
63 2.4 63.3 94.9#
89 3.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.42 ng
RT: 14.742 min Scan# 1992
Delta R.T. -0.361 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

Tgt Ion:165 Resp: 11868
Ion Ratio Lower Upper
165 100
63 2.4 48.0 72.0#
89 3.0 65.4 98.0#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.492 min Scan# 2460

Delta R.T. -0.008 min

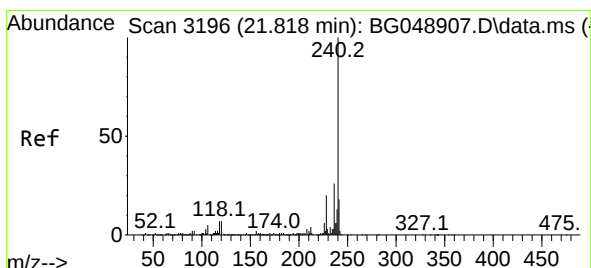
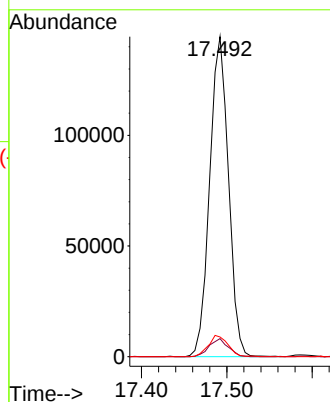
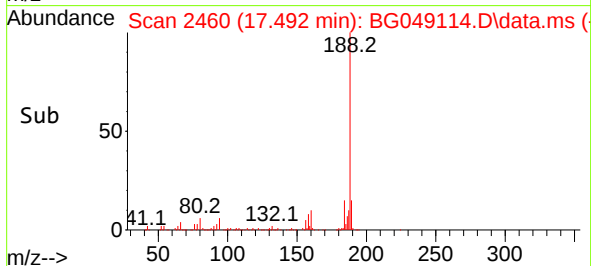
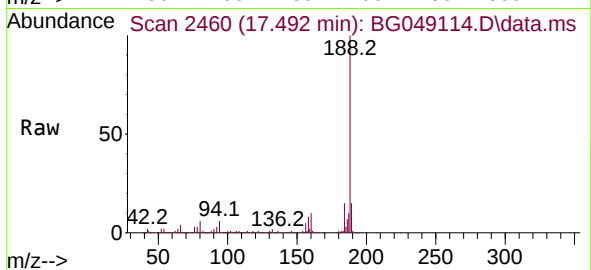
Lab File: BG049114.D

Acq: 26 Jun 2021 18:37

Tgt Ion:188 Resp: 221058

Ion Ratio Lower Upper

188	100		
94	5.7	5.4	8.0
80	6.1	3.7	5.5#



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.775 min Scan# 3189

Delta R.T. -0.014 min

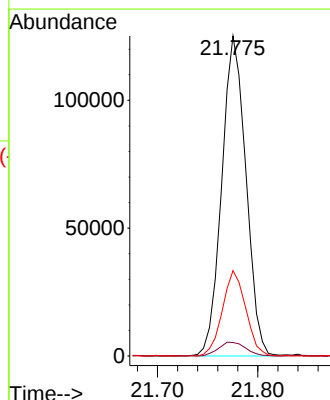
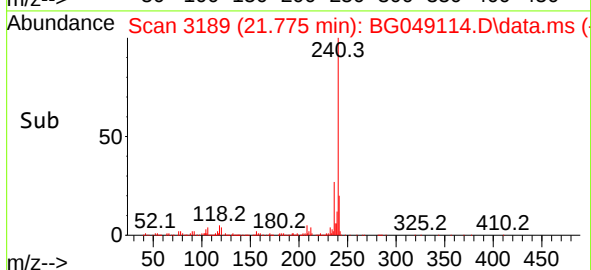
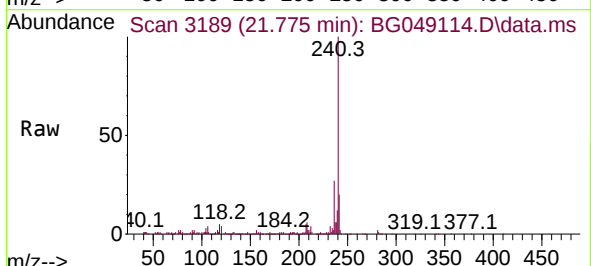
Lab File: BG049114.D

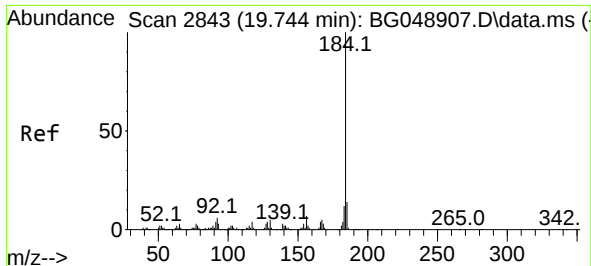
Acq: 26 Jun 2021 18:37

Tgt Ion:240 Resp: 209294

Ion Ratio Lower Upper

240	100		
120	4.2	4.2	6.2
236	26.7	21.8	32.6

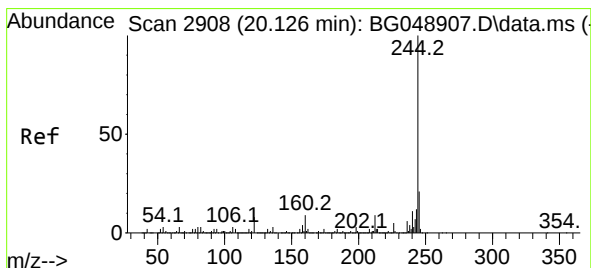
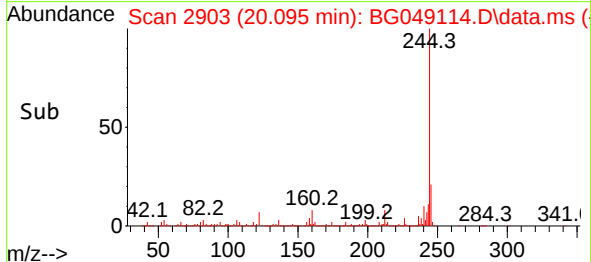
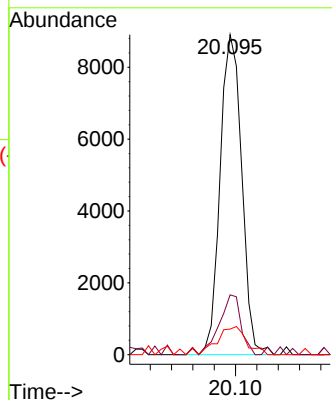
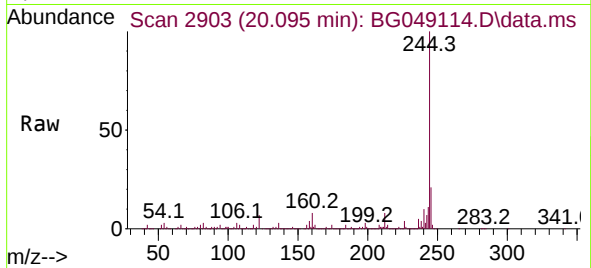




#77
Benzidine
Concen: 2.98 ng
RT: 20.095 min Scan# 2903
Delta R.T. 0.374 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

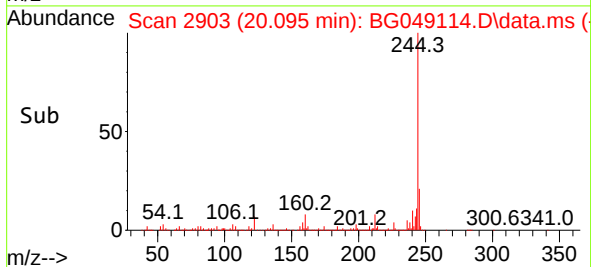
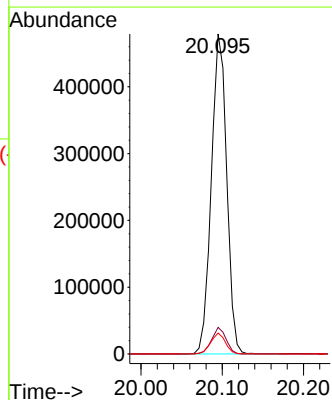
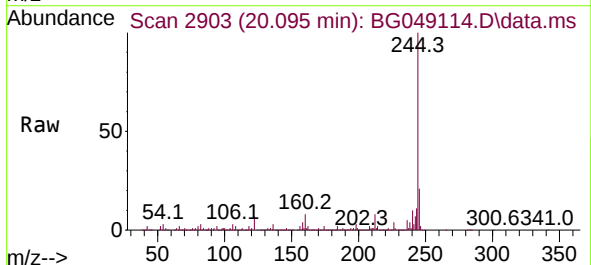
Instrument :
BNA_G
ClientSampleId :
SS-1(SLUDGE)

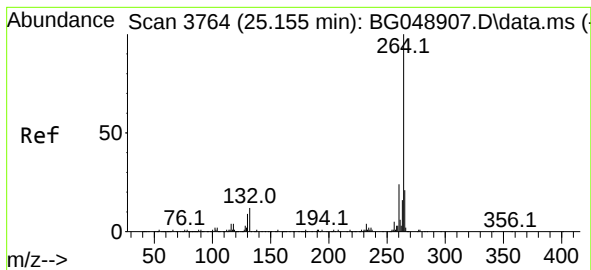
Tgt Ion:184 Resp: 12582
Ion Ratio Lower Upper
184 100
185 18.7 10.7 16.1#
183 8.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 55.02 ng
RT: 20.095 min Scan# 2903
Delta R.T. -0.008 min
Lab File: BG049114.D
Acq: 26 Jun 2021 18:37

Tgt Ion:244 Resp: 628778
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 6.5 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.089 min Scan# 3753
 Delta R.T. -0.014 min
 Lab File: BG049114.D
 Acq: 26 Jun 2021 18:37

Instrument :
 BNA_G
 ClientSampleId :
 SS-1(SLUDGE)

Tgt Ion:264 Resp: 220969
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 22.4 16.9 25.3

