

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
 Data File : BG060494.D
 Acq On : 30 Jan 2024 22:03
 Operator : MA/JU
 Sample : P1280-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Manhole

Quant Time: Jan 31 01:25:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

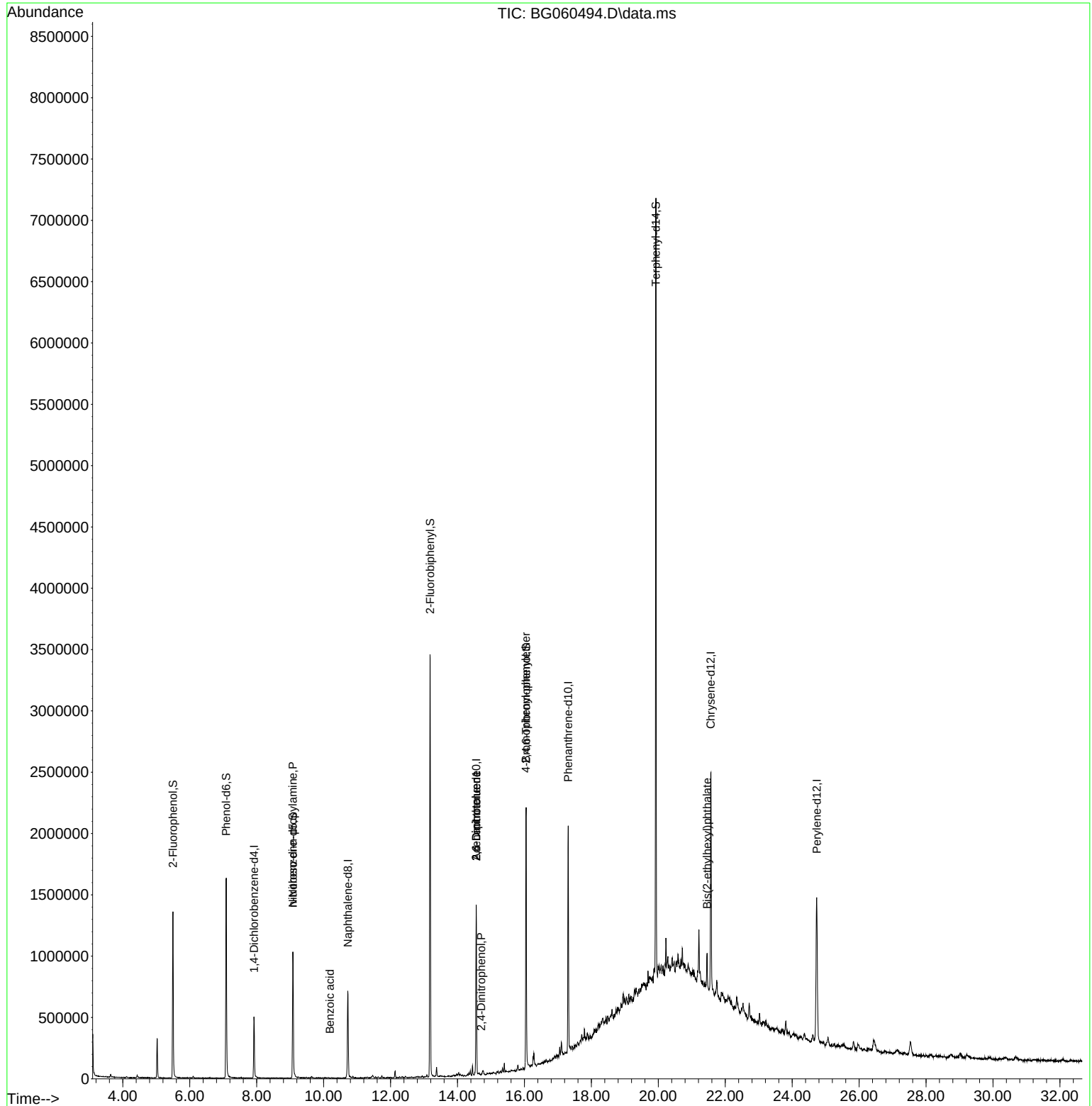
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	156642	20.000	ng	-0.01
21) Naphthalene-d8	10.723	136	653415	20.000	ng	0.00
39) Acenaphthene-d10	14.559	164	511104	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1271276	20.000	ng	0.00
76) Chrysene-d12	21.569	240	1145746	20.000	ng	0.00
86) Perylene-d12	24.736	264	1314279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	680923	71.499	ng	0.00
7) Phenol-d6	7.086	99	1142884	81.043	ng	0.00
23) Nitrobenzene-d5	9.083	82	729266	52.702	ng	0.00
42) 2,4,6-Tribromophenol	16.052	330	518808	68.992	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	2058317	55.991	ng	0.00
79) Terphenyl-d14	19.929	244	3381505	69.511	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.083	70	88903	9.109	ng	# 89
32) Benzoic acid	10.188	122	54	10.208	ng	# 27
51) 2,6-Dinitrotoluene	14.559	165	68195	8.183	ng	# 33
54) 2,4-Dinitrophenol	14.706	184	62	8.598	ng	# 27
57) 2,4-Dinitrotoluene	14.559	165	68195	5.967	ng	# 25
67) 4-Bromophenyl-phenylether	16.046	248	32284	2.311	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.457	149	114717	3.016	ng	# 98

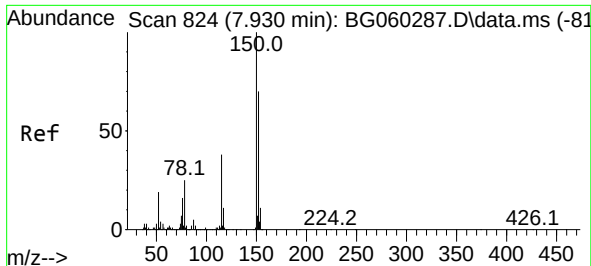
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
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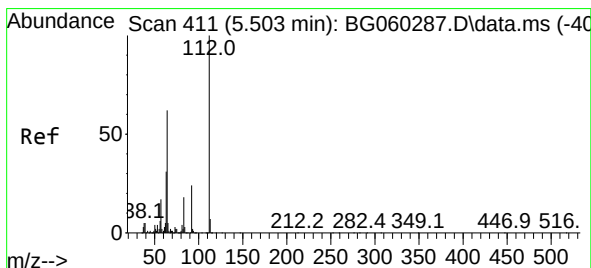
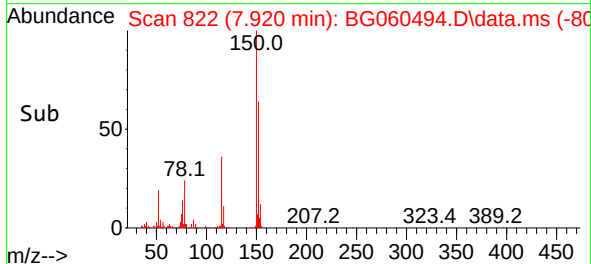
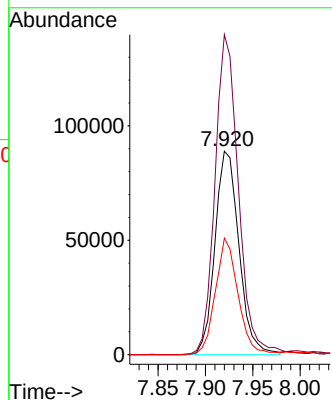
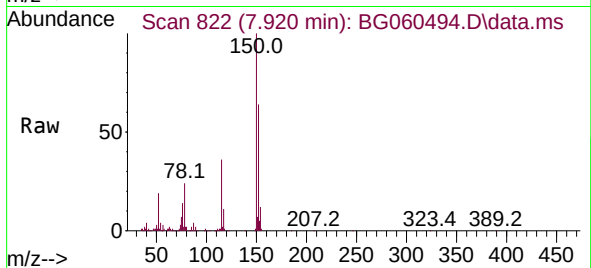




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG060494.D
Acq: 30 Jan 2024 22:03

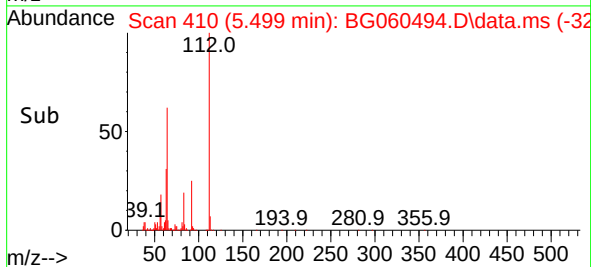
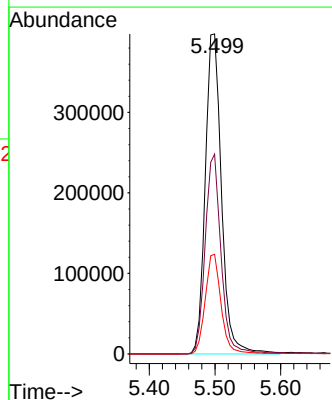
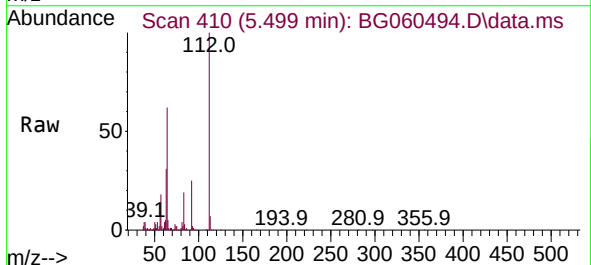
Instrument :
BNA_G
ClientSampleId :
Manhole

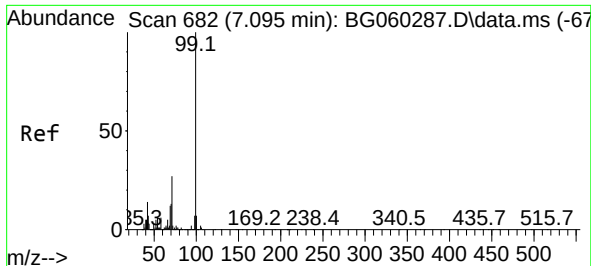
Tgt Ion:152 Resp: 156642
Ion Ratio Lower Upper
152 100
150 157.3 114.5 171.7
115 57.2 43.0 64.6



#5
2-Fluorophenol
Concen: 71.499 ng
RT: 5.499 min Scan# 410
Delta R.T. -0.004 min
Lab File: BG060494.D
Acq: 30 Jan 2024 22:03

Tgt Ion:112 Resp: 680923
Ion Ratio Lower Upper
112 100
64 62.4 49.8 74.6
63 31.2 24.4 36.6

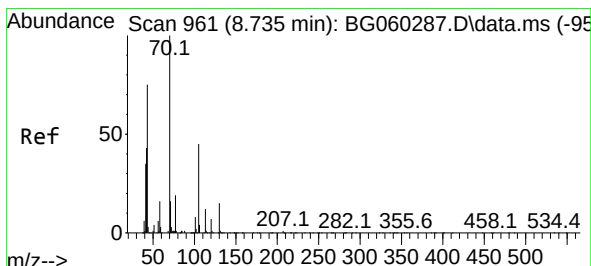
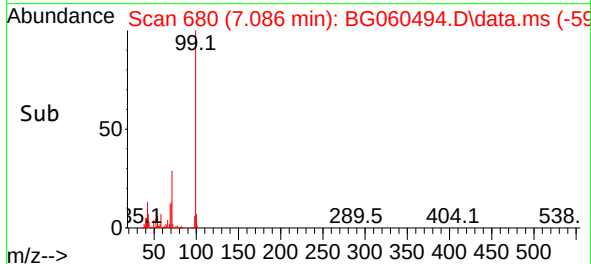
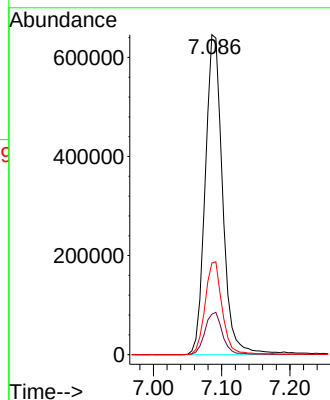
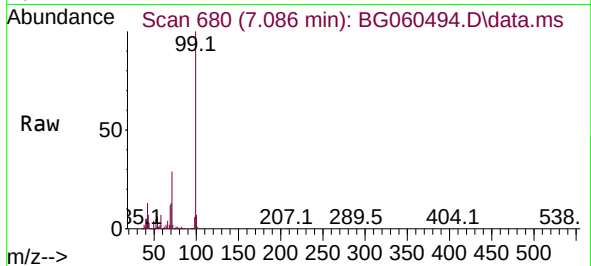




#7
Phenol-d6
Concen: 81.043 ng
RT: 7.086 min Scan# 681
Delta R.T. -0.010 min
Lab File: BG060494.D
Acq: 30 Jan 2024 22:03

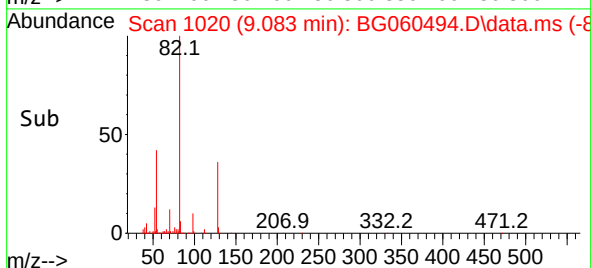
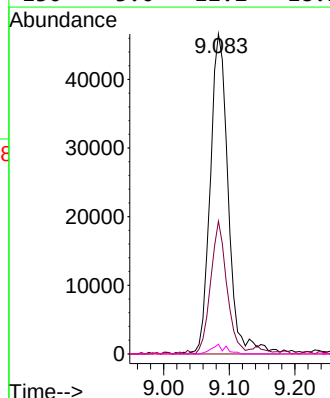
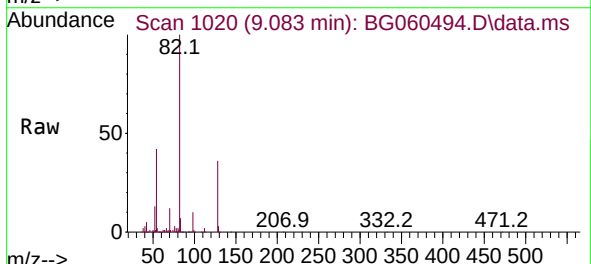
Instrument :
BNA_G
ClientSampleId :
Manhole

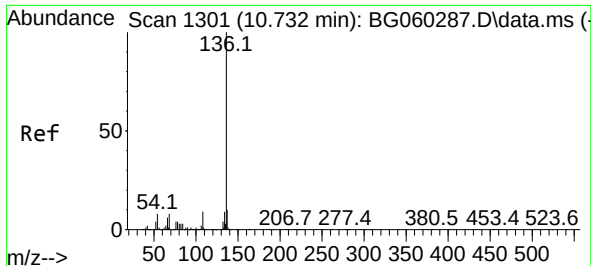
Tgt Ion: 99 Resp: 1142884
Ion Ratio Lower Upper
99 100
42 12.6 10.9 16.3
71 28.6 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.109 ng
RT: 9.083 min Scan# 1020
Delta R.T. 0.349 min
Lab File: BG060494.D
Acq: 30 Jan 2024 22:03

Tgt Ion: 70 Resp: 88903
Ion Ratio Lower Upper
70 100
42 41.5 34.3 51.5
101 0.0 6.2 9.2#
130 3.0 12.2 18.2#

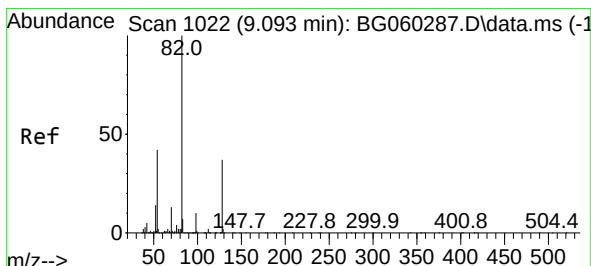
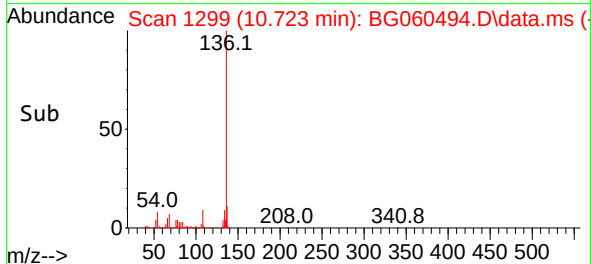
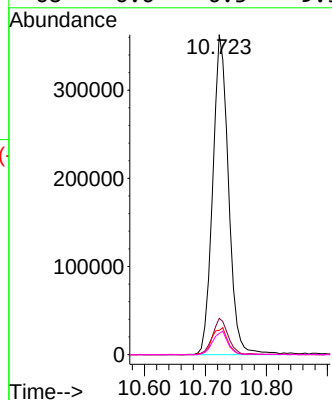
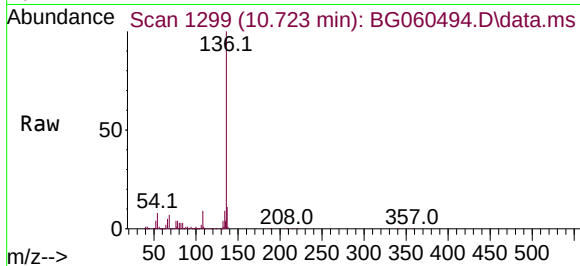




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG060494.D
Acq: 30 Jan 2024 22:03

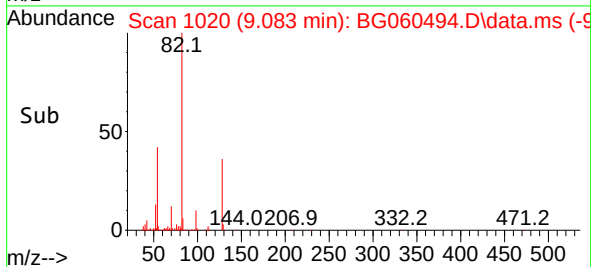
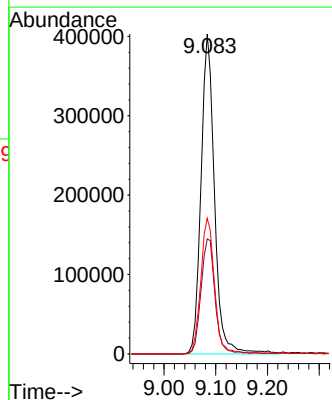
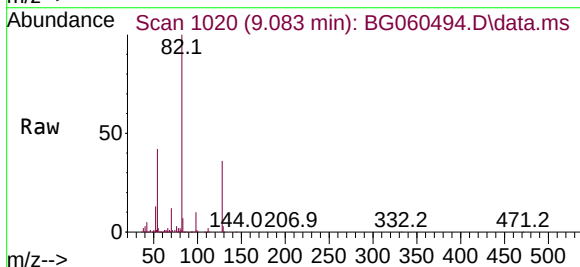
Instrument :
BNA_G
ClientSampleId :
Manhole

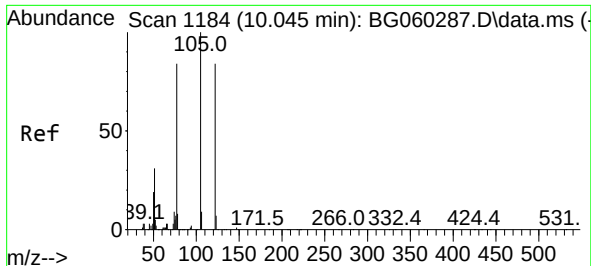
Tgt Ion:	136	Resp:	653415
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.2	12.4
54	7.6	6.2	9.2
68	6.6	6.3	9.5



#23
Nitrobenzene-d5
Concen: 52.702 ng
RT: 9.083 min Scan# 1020
Delta R.T. -0.010 min
Lab File: BG060494.D
Acq: 30 Jan 2024 22:03

Tgt Ion:	82	Resp:	729266
Ion Ratio	Lower	Upper	
82	100		
128	35.9	29.6	44.4
54	42.4	33.6	50.4

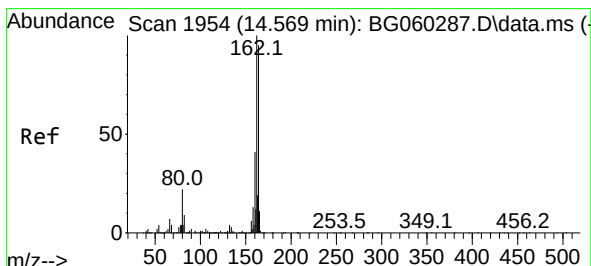
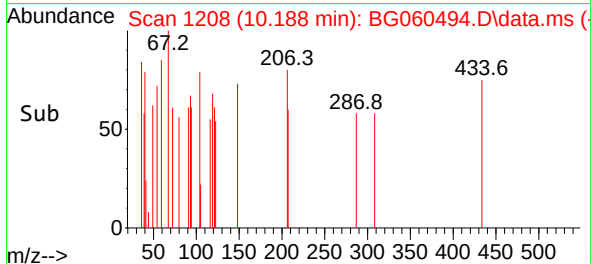
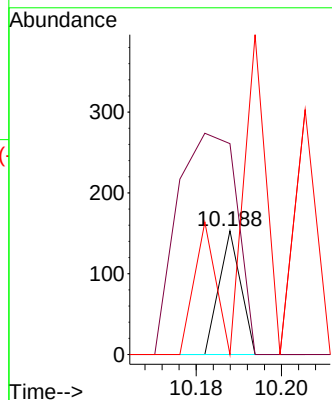
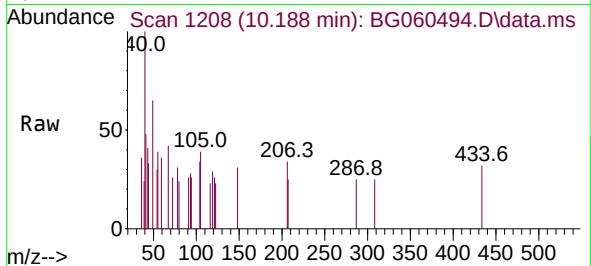




#32
Benzoic acid
Concen: 10.208 ng
RT: 10.188 min Scan# 1184
Delta R.T. 0.143 min
Lab File: BG060494.D
Acq: 30 Jan 2024 22:03

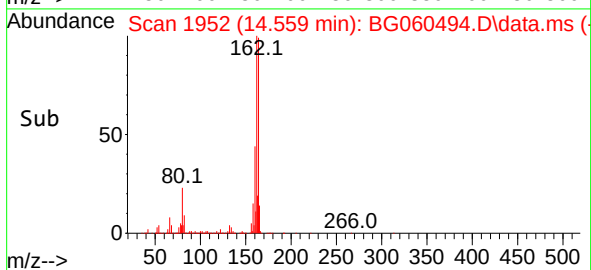
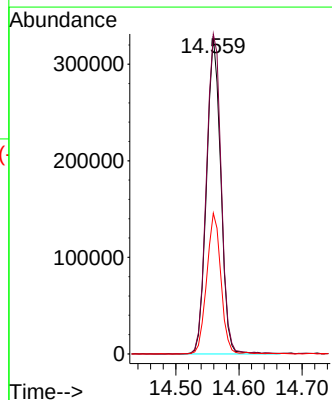
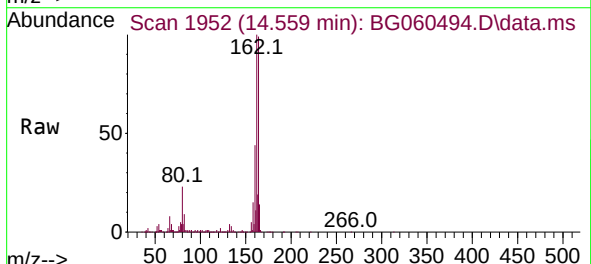
Instrument :
BNA_G
ClientSampleId :
Manhole

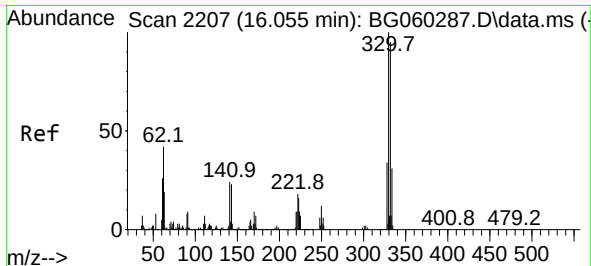
Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 170.6 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.559 min Scan# 1952
Delta R.T. -0.010 min
Lab File: BG060494.D
Acq: 30 Jan 2024 22:03

Tgt Ion:164 Resp: 511104
Ion Ratio Lower Upper
164 100
162 100.7 84.4 126.6
160 44.3 34.6 52.0

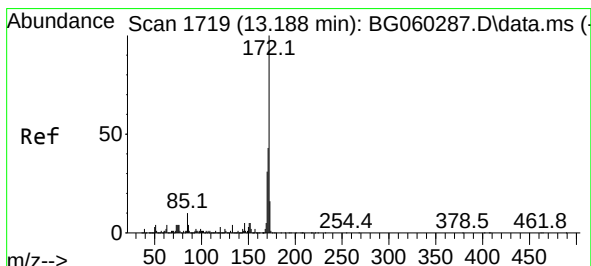
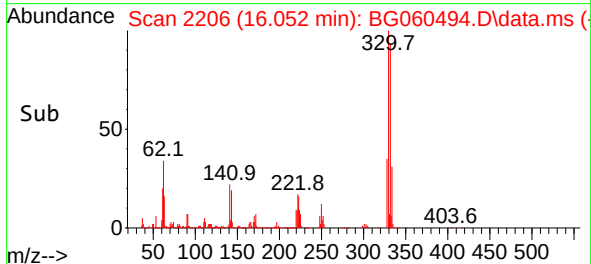
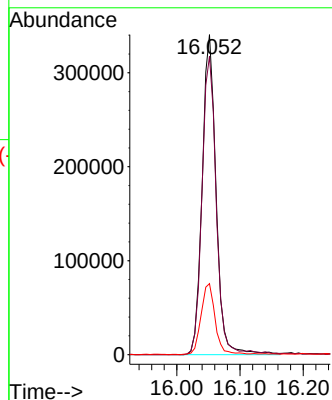
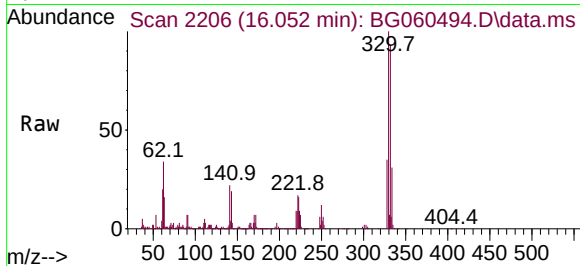




#42
2,4,6-Tribromophenol
Concen: 68.992 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060494.D
Acq: 30 Jan 2024 22:03

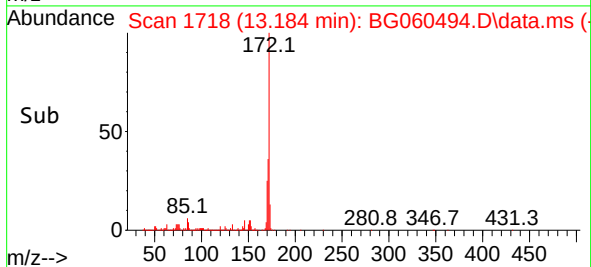
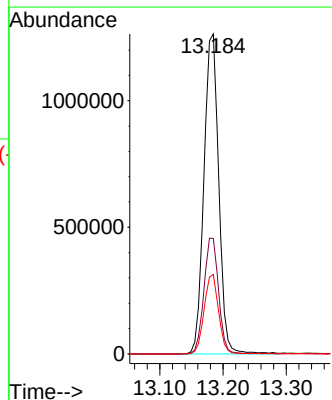
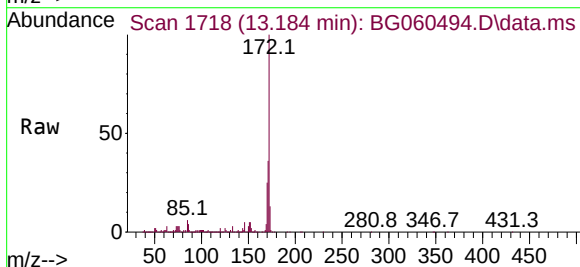
Instrument :
BNA_G
ClientSampleId :
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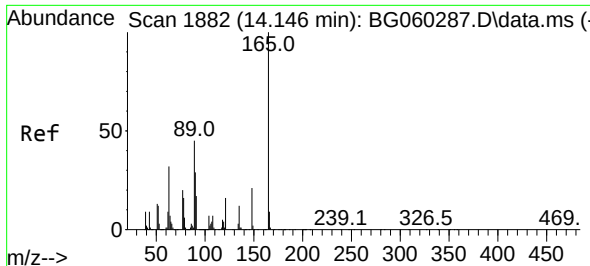
Tgt Ion:330 Resp: 518808
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 22.7 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 55.991 ng
RT: 13.184 min Scan# 1718
Delta R.T. -0.004 min
Lab File: BG060494.D
Acq: 30 Jan 2024 22:03

Tgt Ion:172 Resp: 2058317
Ion Ratio Lower Upper
172 100
171 36.1 34.6 51.8
170 24.8 24.4 36.6

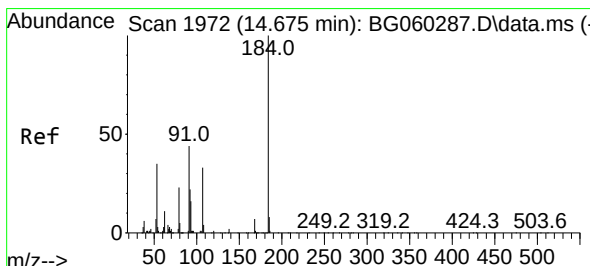
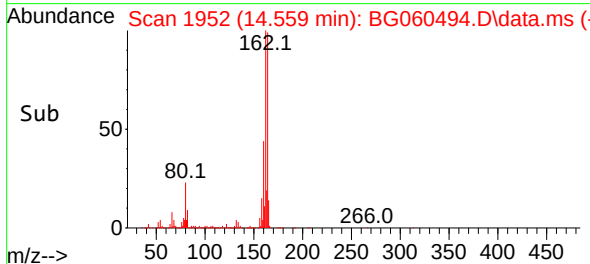
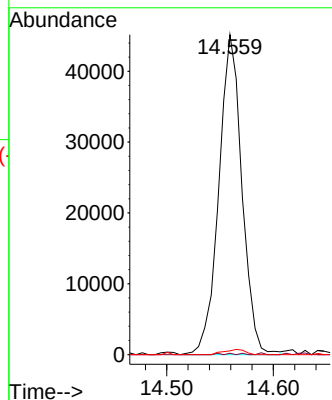
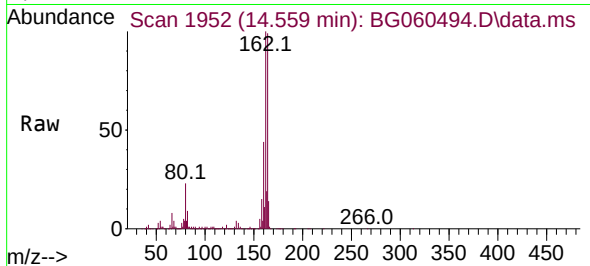




#51
2,6-Dinitrotoluene
Concen: 8.183 ng
RT: 14.559 min Scan# 1952
Delta R.T. 0.413 min
Lab File: BG060494.D
Acq: 30 Jan 2024 22:03

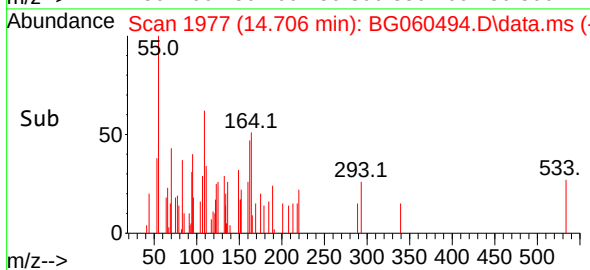
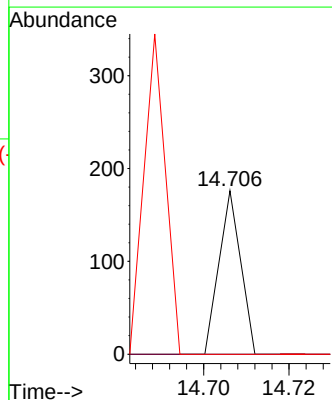
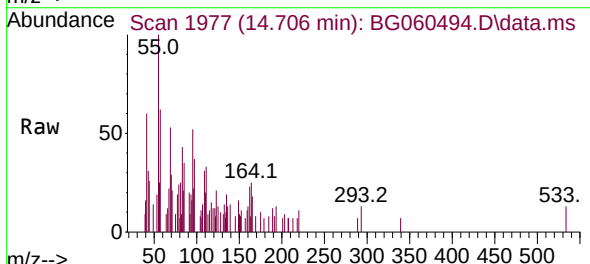
Instrument :
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ClientSampleId :
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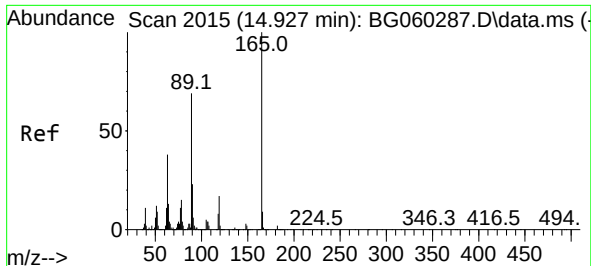
Tgt Ion:165 Resp: 68195
Ion Ratio Lower Upper
165 100
63 0.4 35.0 52.4#
89 1.2 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.598 ng
RT: 14.706 min Scan# 1977
Delta R.T. 0.031 min
Lab File: BG060494.D
Acq: 30 Jan 2024 22:03

Tgt Ion:184 Resp: 62
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 0.0 39.2 58.8#

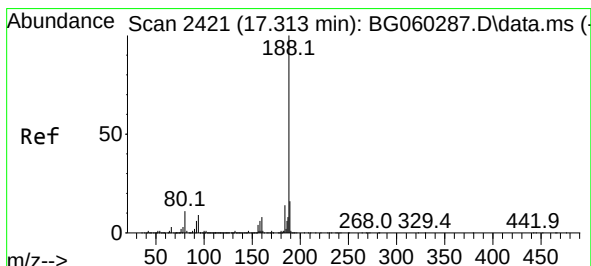
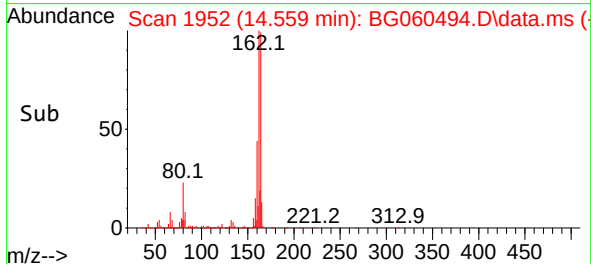
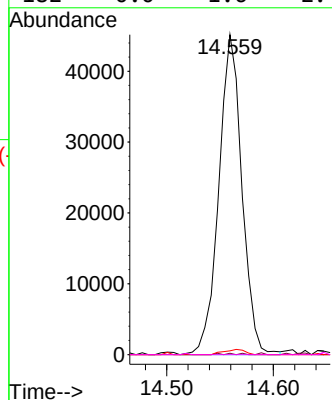
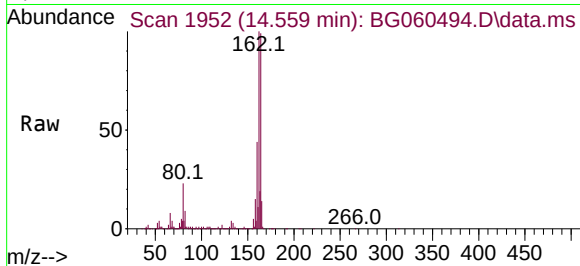




#57
2,4-Dinitrotoluene
Concen: 5.967 ng
RT: 14.559 min Scan# 1952
Delta R.T. -0.368 min
Lab File: BG060494.D
Acq: 30 Jan 2024 22:03

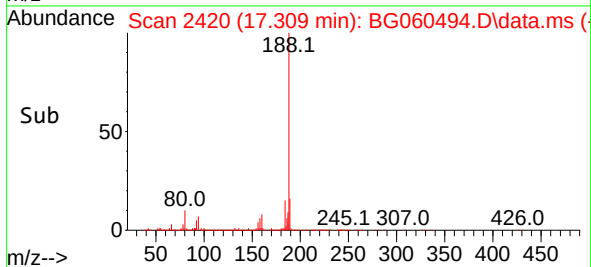
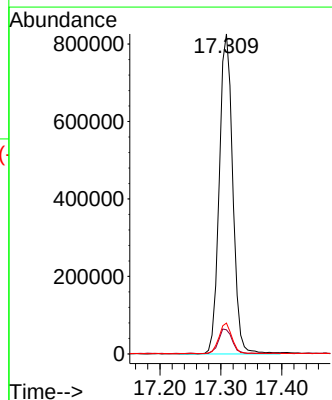
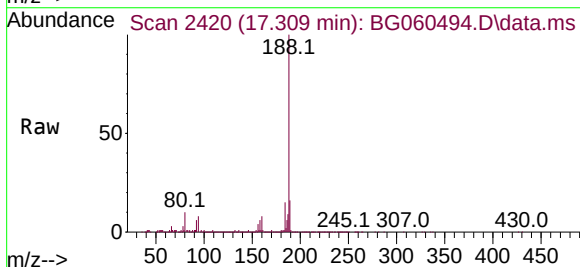
Instrument :
BNA_G
ClientSampleId :
Manhole

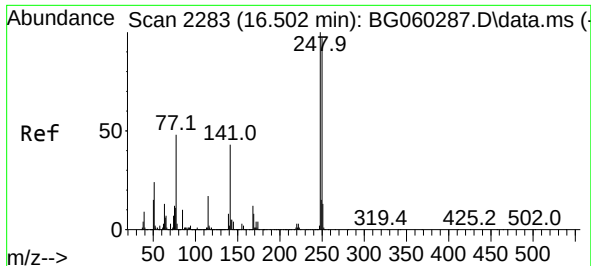
Tgt Ion:165 Resp: 68195
Ion Ratio Lower Upper
165 100
63 0.4 30.4 45.6#
89 1.2 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2420
Delta R.T. -0.004 min
Lab File: BG060494.D
Acq: 30 Jan 2024 22:03

Tgt Ion:188 Resp: 1271276
Ion Ratio Lower Upper
188 100
94 7.5 7.1 10.7
80 9.6 8.5 12.7

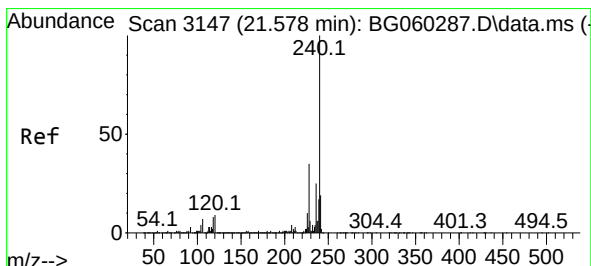
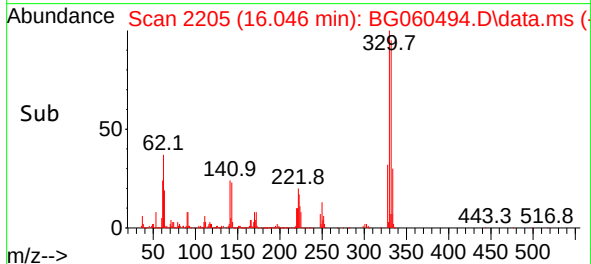
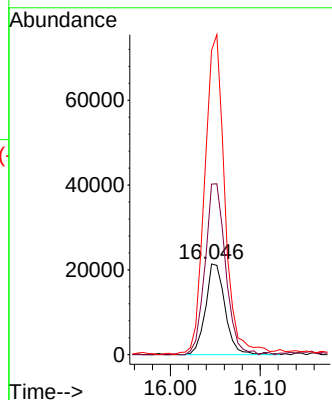
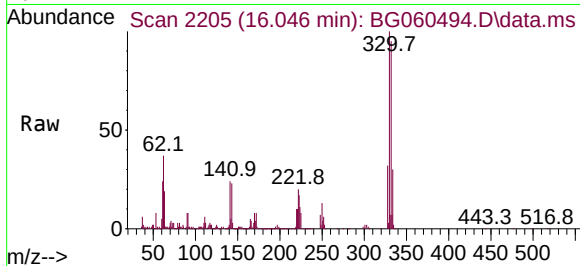




#67
4-Bromophenyl-phenylether
Concen: 2.311 ng
RT: 16.046 min Scan# 21
Delta R.T. -0.456 min
Lab File: BG060494.D
Acq: 30 Jan 2024 22:03

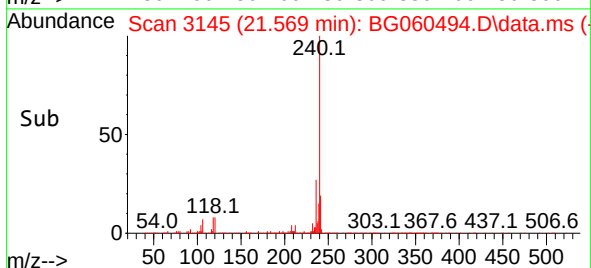
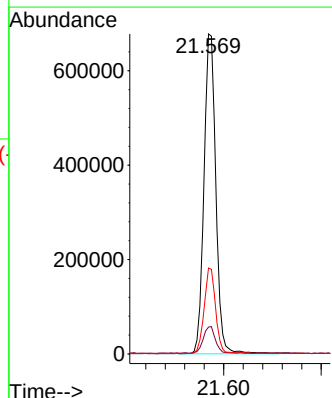
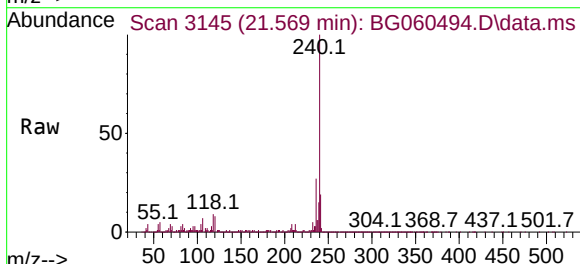
Instrument :
BNA_G
ClientSampleId :
Manhole

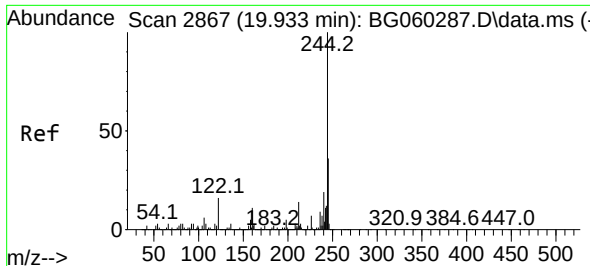
Tgt Ion:248 Resp: 32284
Ion Ratio Lower Upper
248 100
250 188.0 77.6 116.4#
141 335.4 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3145
Delta R.T. -0.010 min
Lab File: BG060494.D
Acq: 30 Jan 2024 22:03

Tgt Ion:240 Resp: 1145746
Ion Ratio Lower Upper
240 100
120 8.4 7.3 10.9
236 26.8 20.3 30.5

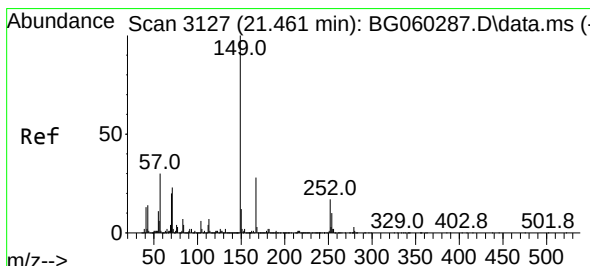
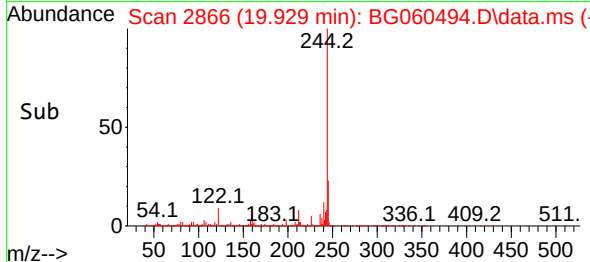
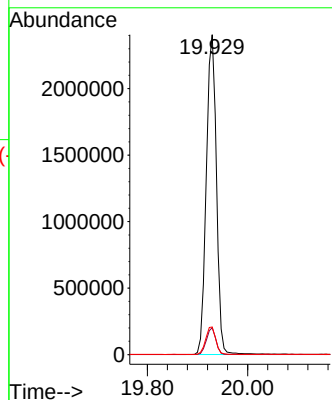
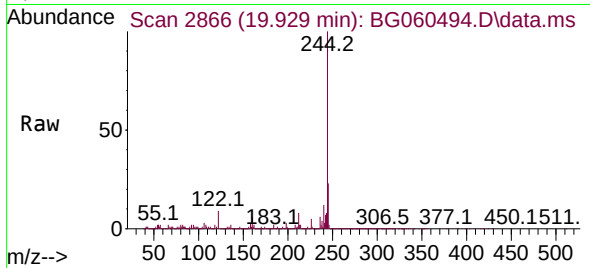




#79
 Terphenyl-d14
 Concen: 69.511 ng
 RT: 19.929 min Scan# 2866
 Delta R.T. -0.004 min
 Lab File: BG060494.D
 Acq: 30 Jan 2024 22:03

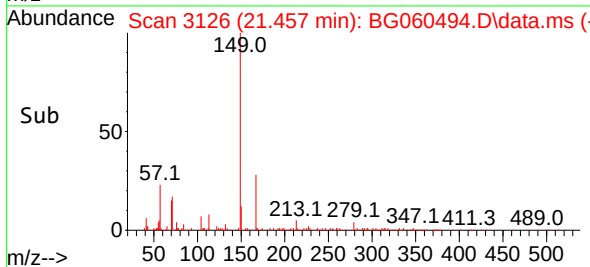
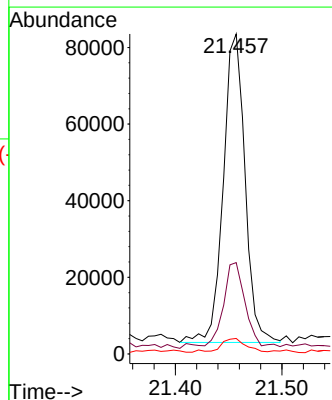
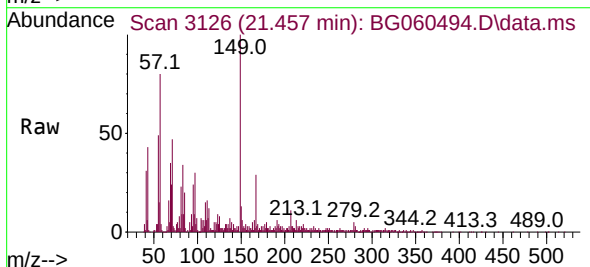
Instrument :
 BNA_G
 ClientSampleId :
 Manhole

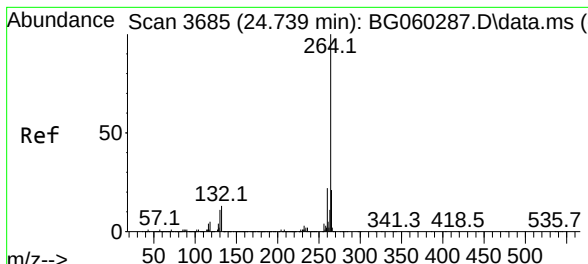
Tgt Ion:244 Resp: 3381505
 Ion Ratio Lower Upper
 244 100
 212 8.4 10.9 16.3#
 122 8.6 12.6 18.8#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.016 ng
 RT: 21.457 min Scan# 3126
 Delta R.T. -0.004 min
 Lab File: BG060494.D
 Acq: 30 Jan 2024 22:03

Tgt Ion:149 Resp: 114717
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.2 33.2
 279 4.8 2.7 4.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.736 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: BG060494.D
 Acq: 30 Jan 2024 22:03

Instrument :
 BNA_G
 ClientSampleId :
 Manhole

Tgt Ion:264 Resp: 1314279

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.8	26.6
265	21.7	16.8	25.2

