

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
 Data File : BG050694.D
 Acq On : 22 Oct 2021 18:16
 Operator : CG/JU
 Sample : M4306-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-PIT-CONCRETE

Quant Time: Oct 23 01:44:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

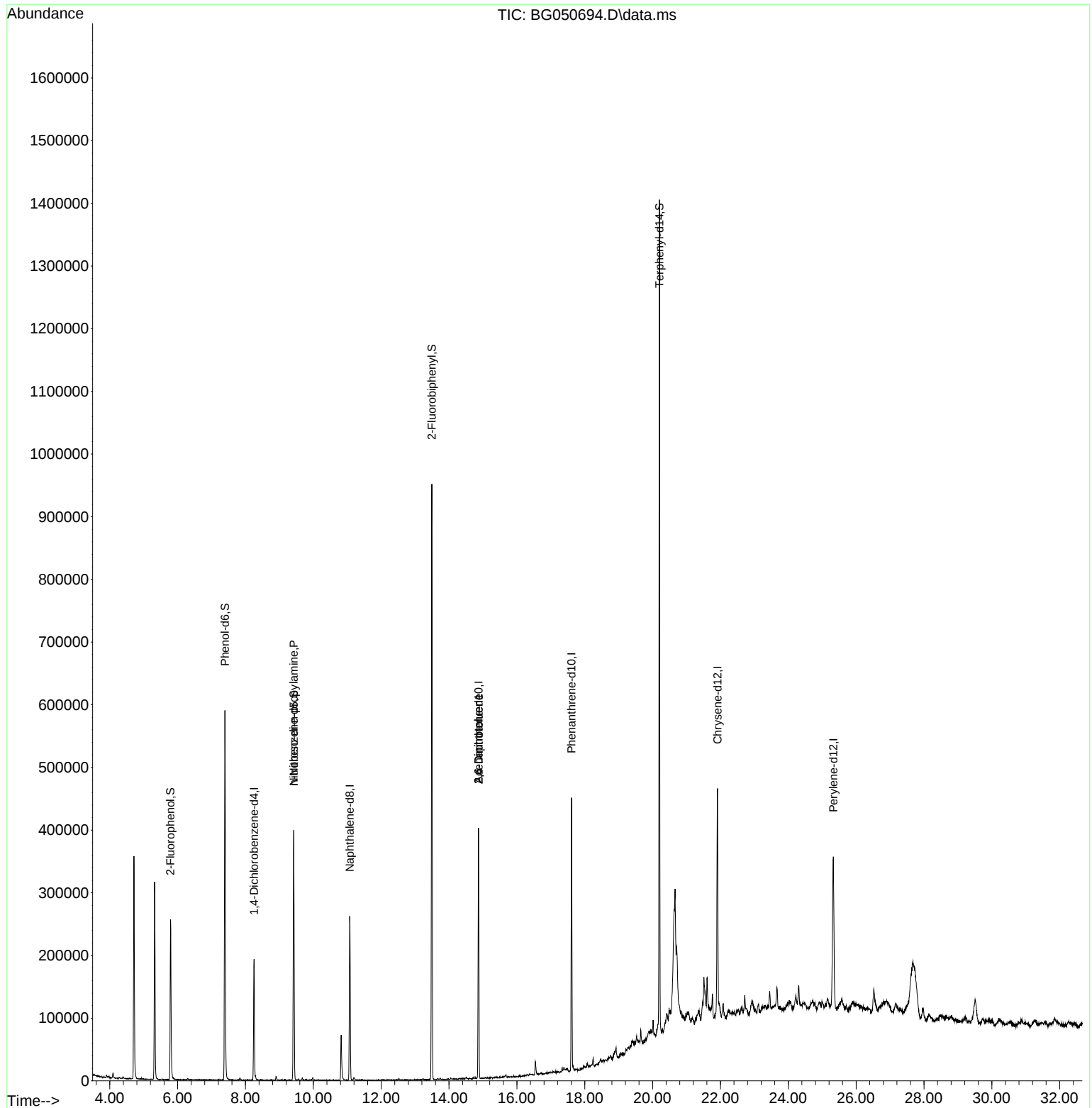
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	51658	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	218471	20.000	ng	#-0.01
39) Acenaphthene-d10	14.869	164	137892	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	265479	20.000	ng	# 0.00
76) Chrysene-d12	21.914	240	220576	20.000	ng	#-0.01
86) Perylene-d12	25.327	264	214433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	123079	35.632	ng	0.00
7) Phenol-d6	7.395	99	345906	69.167	ng	0.00
23) Nitrobenzene-d5	9.422	82	258257	48.934	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	647	0.492	ng	0.02
45) 2-Fluorobiphenyl	13.494	172	474195	51.756	ng	-0.01
79) Terphenyl-d14	20.204	244	599073	52.929	ng	0.00
Target Compounds						
9) Benzaldehyde	7.389	77	790	Below Cal	Qvalue	# 10
19) n-Nitroso-di-n-propyla...	9.422	70	35883	9.844	ng	# 71
51) 2,6-Dinitrotoluene	14.869	165	17746	8.501	ng	# 12
57) 2,4-Dinitrotoluene	14.869	165	17746	6.031	ng	# 17

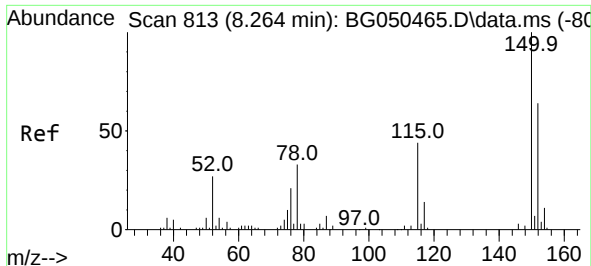
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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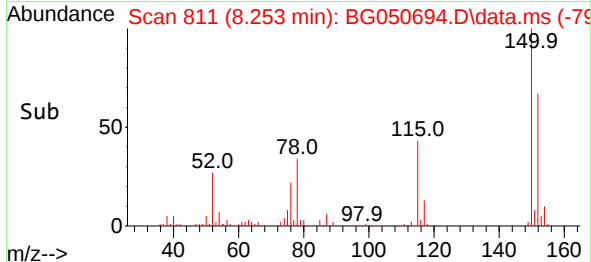
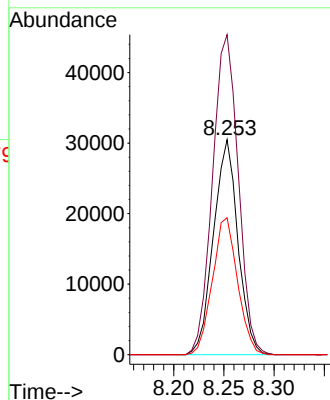
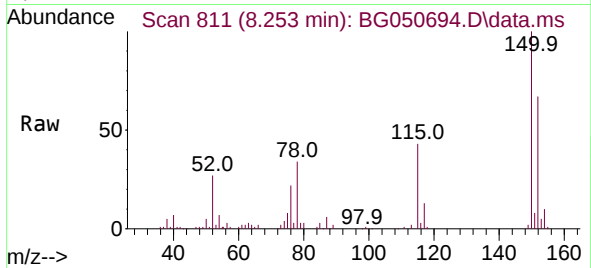




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050694.D
Acq: 22 Oct 2021 18:16

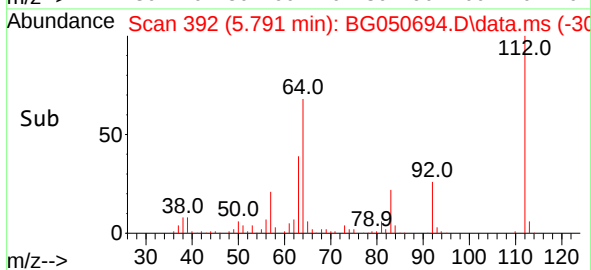
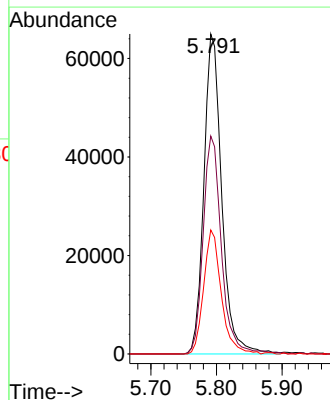
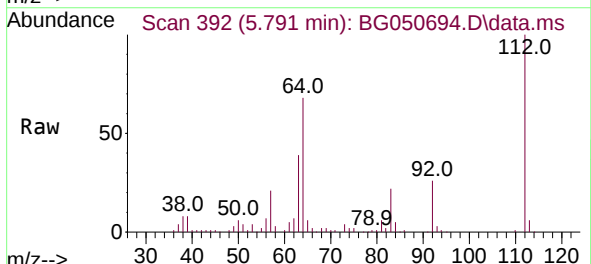
Instrument :
BNA_G
ClientSampleId :
MH-PIT-CONCRETE

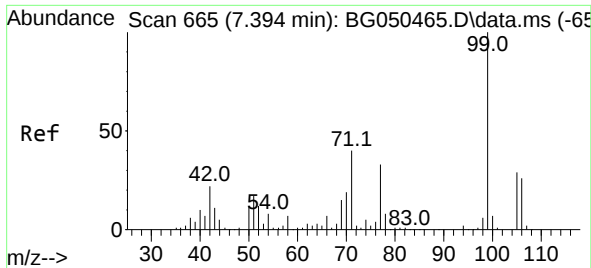
Tgt Ion:152 Resp: 51658
Ion Ratio Lower Upper
152 100
150 148.8 119.4 179.0
115 63.7 60.2 90.4



#5
2-Fluorophenol
Concen: 35.632 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG050694.D
Acq: 22 Oct 2021 18:16

Tgt Ion:112 Resp: 123079
Ion Ratio Lower Upper
112 100
64 68.1 46.7 70.1
63 38.7 35.3 52.9

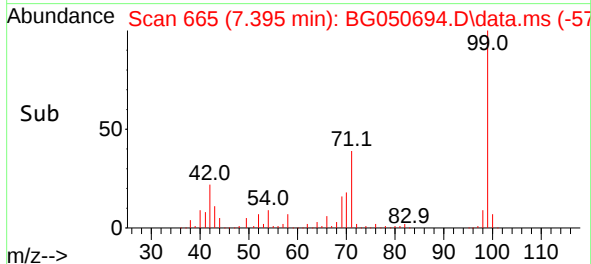
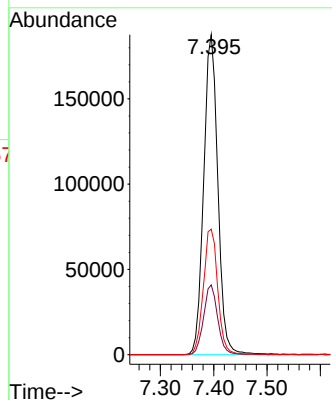
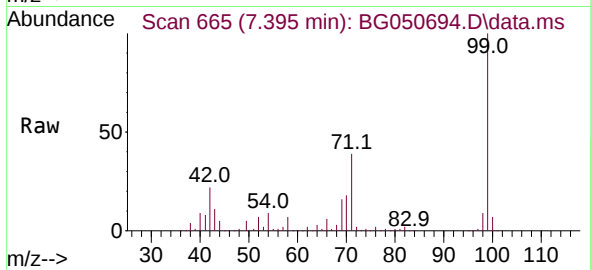




#7
Phenol-d6
Concen: 69.167 ng
RT: 7.395 min Scan# 665
Delta R.T. -0.005 min
Lab File: BG050694.D
Acq: 22 Oct 2021 18:16

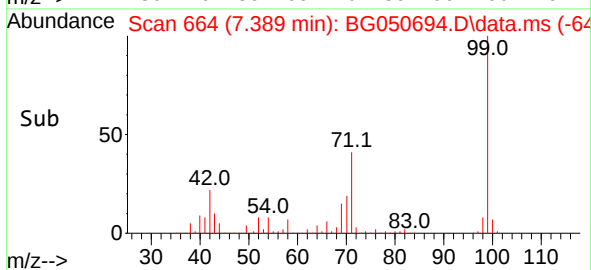
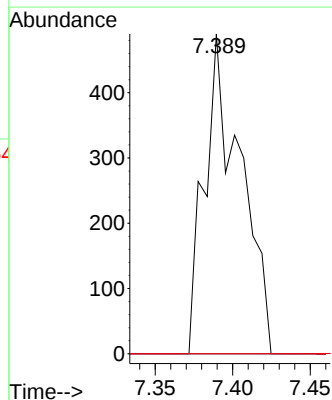
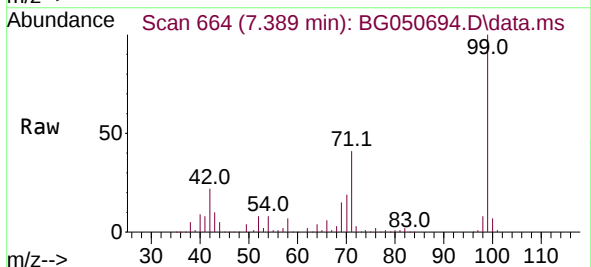
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BNA_G
ClientSampleId :
MH-PIT-CONCRETE

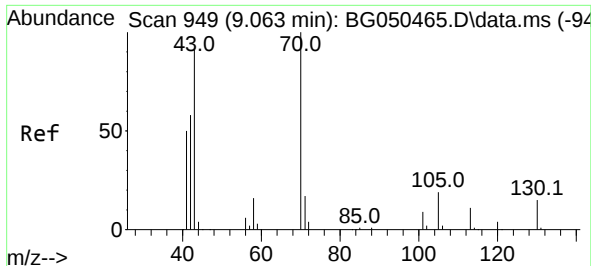
Tgt Ion: 99 Resp: 345906
Ion Ratio Lower Upper
99 100
42 21.8 20.5 30.7
71 39.2 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.389 min Scan# 664
Delta R.T. 0.001 min
Lab File: BG050694.D
Acq: 22 Oct 2021 18:16

Tgt Ion: 77 Resp: 790
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

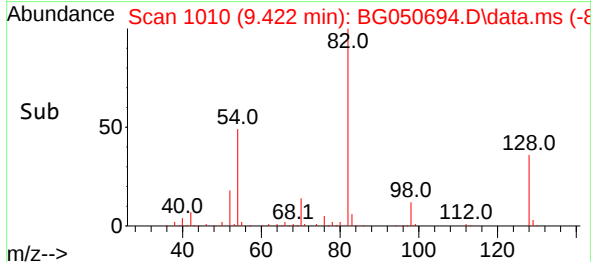
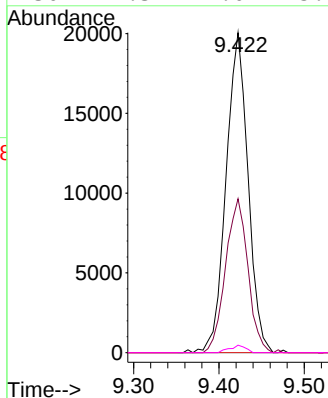
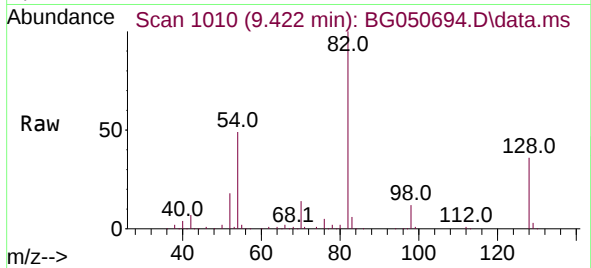




#19
n-Nitroso-di-n-propylamine
Concen: 9.844 ng
RT: 9.422 min Scan# 1010
Delta R.T. 0.365 min
Lab File: BG050694.D
Acq: 22 Oct 2021 18:16

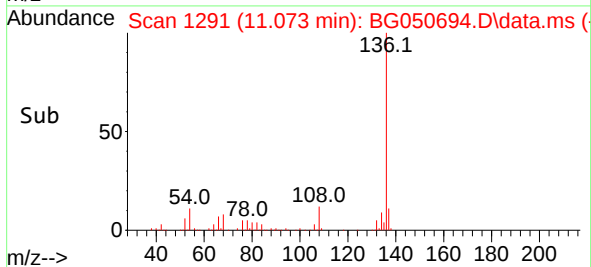
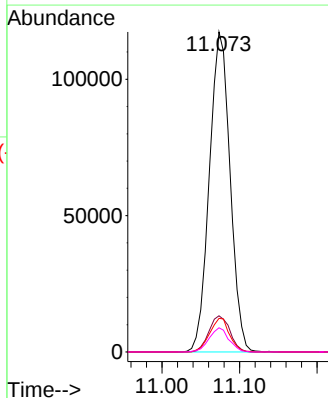
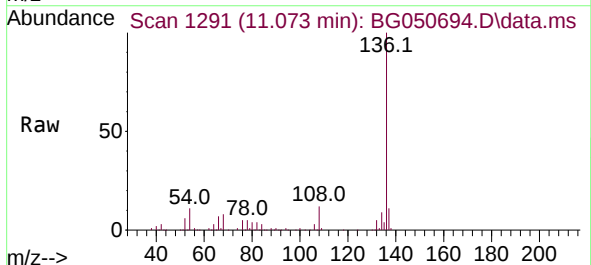
Instrument :
BNA_G
ClientSampleId :
MH-PIT-CONCRETE

Tgt Ion: 70 Resp: 35883
Ion Ratio Lower Upper
70 100
42 48.1 54.5 81.7#
101 0.0 9.0 13.6#
130 2.3 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1291
Delta R.T. -0.011 min
Lab File: BG050694.D
Acq: 22 Oct 2021 18:16

Tgt Ion:136 Resp: 218471
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 10.5 5.5 8.3#
68 7.5 2.3 3.5#

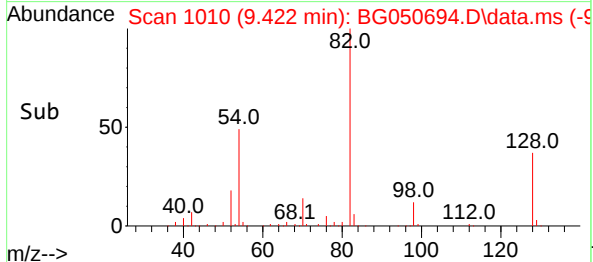
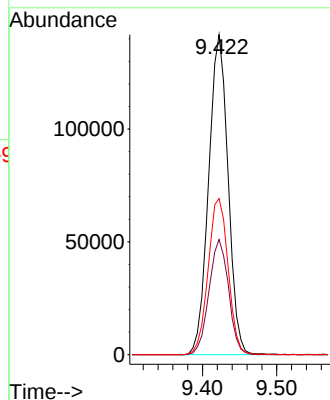
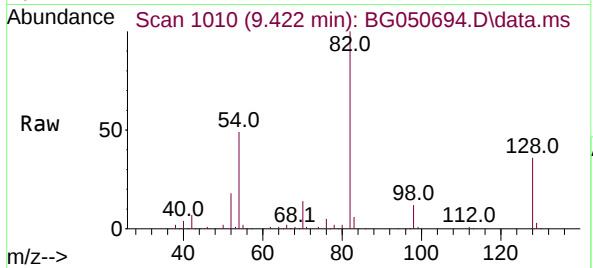




#23
Nitrobenzene-d5
Concen: 48.934 ng
RT: 9.422 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BG050694.D
Acq: 22 Oct 2021 18:16

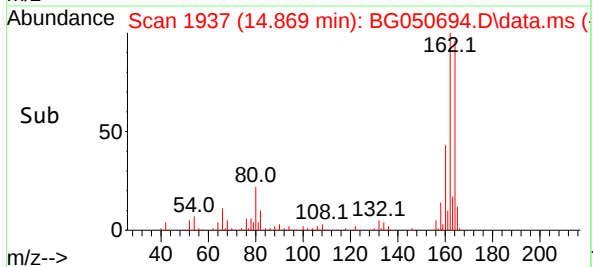
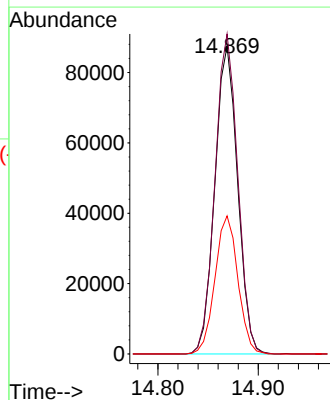
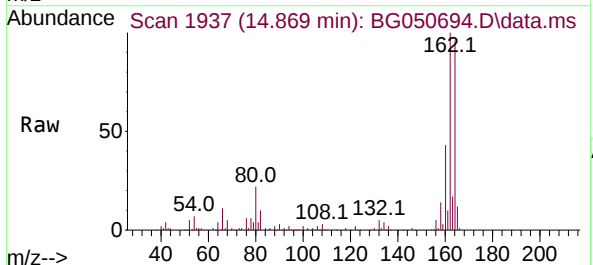
Instrument :
BNA_G
ClientSampleId :
MH-PIT-CONCRETE

Tgt Ion: 82 Resp: 258257
Ion Ratio Lower Upper
82 100
128 36.0 29.8 44.6
54 48.8 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG050694.D
Acq: 22 Oct 2021 18:16

Tgt Ion:164 Resp: 137892
Ion Ratio Lower Upper
164 100
162 103.9 81.4 122.0
160 44.8 34.9 52.3

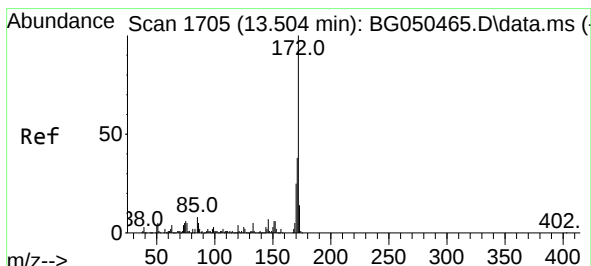
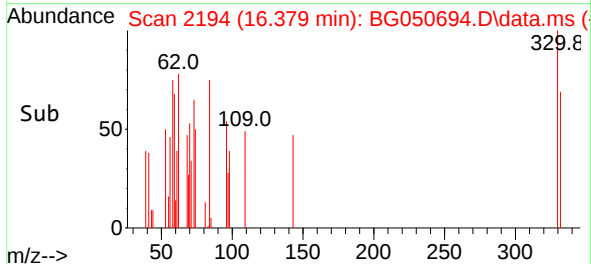
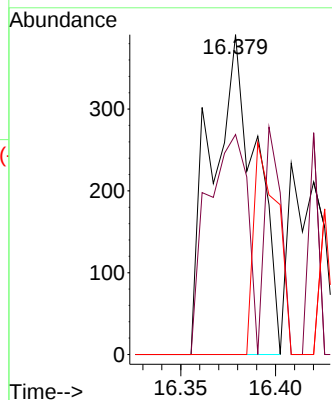
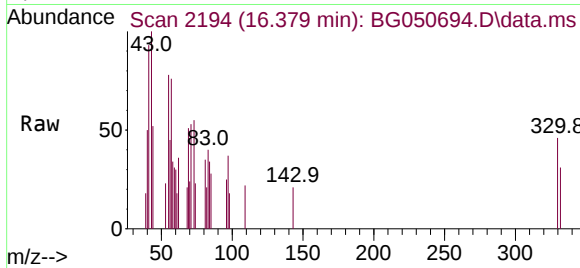




#42
2,4,6-Tribromophenol
Concen: 0.492 ng
RT: 16.379 min Scan# 2194
Delta R.T. 0.018 min
Lab File: BG050694.D
Acq: 22 Oct 2021 18:16

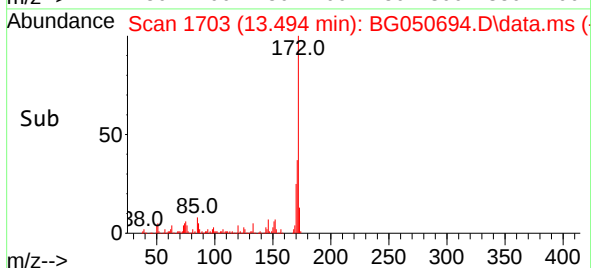
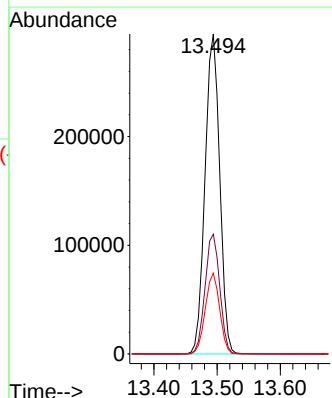
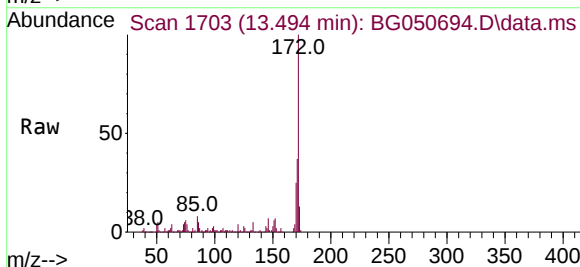
Instrument :
BNA_G
ClientSampleId :
MH-PIT-CONCRETE

Tgt Ion:330 Resp: 647
Ion Ratio Lower Upper
330 100
332 61.2 77.3 115.9#
141 0.0 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 51.756 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BG050694.D
Acq: 22 Oct 2021 18:16

Tgt Ion:172 Resp: 474195
Ion Ratio Lower Upper
172 100
171 37.4 28.6 43.0
170 25.3 18.6 27.8

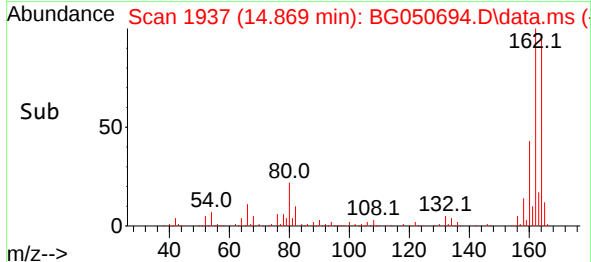
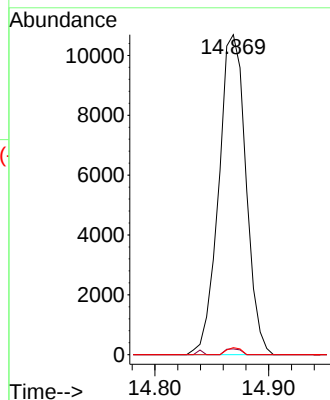
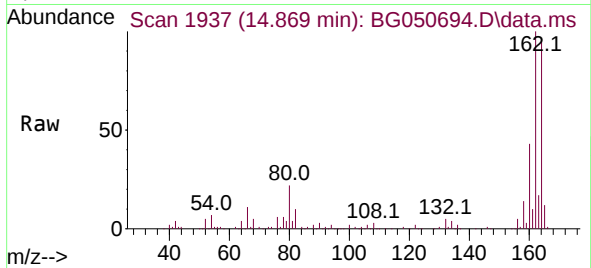




#51
2,6-Dinitrotoluene
Concen: 8.501 ng
RT: 14.869 min Scan# 1937
Delta R.T. 0.424 min
Lab File: BG050694.D
Acq: 22 Oct 2021 18:16

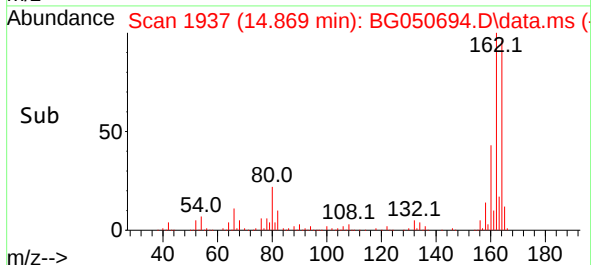
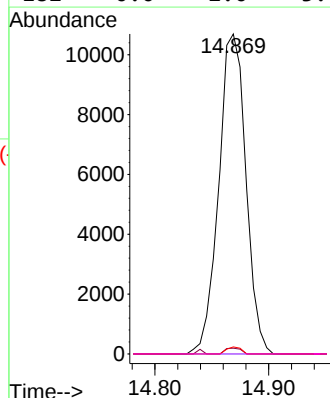
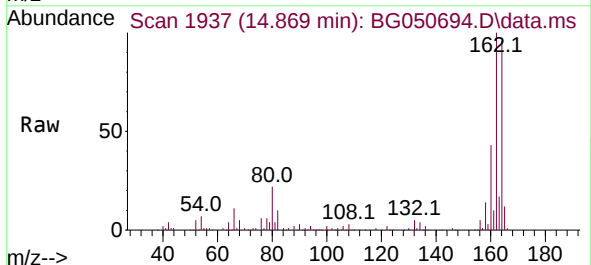
Instrument :
BNA_G
ClientSampleId :
MH-PIT-CONCRETE

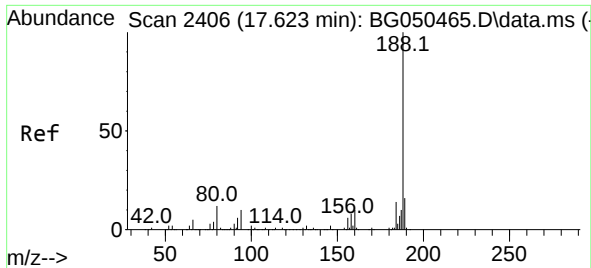
Tgt Ion:165 Resp: 17746
Ion Ratio Lower Upper
165 100
63 1.8 63.3 94.9#
89 2.2 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.031 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.358 min
Lab File: BG050694.D
Acq: 22 Oct 2021 18:16

Tgt Ion:165 Resp: 17746
Ion Ratio Lower Upper
165 100
63 1.8 48.0 72.0#
89 2.2 65.4 98.0#
182 0.0 2.0 3.0#

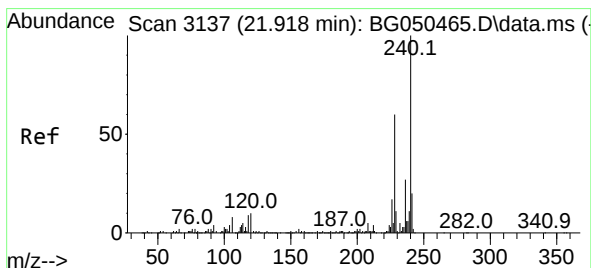
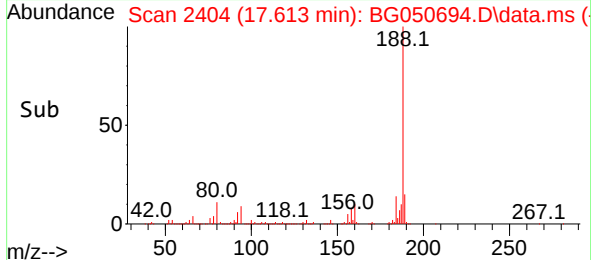
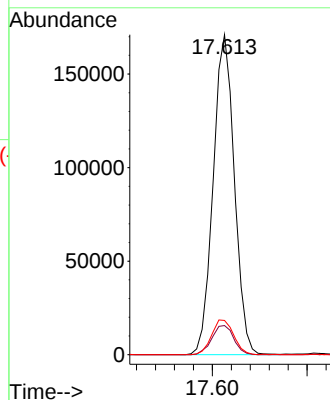
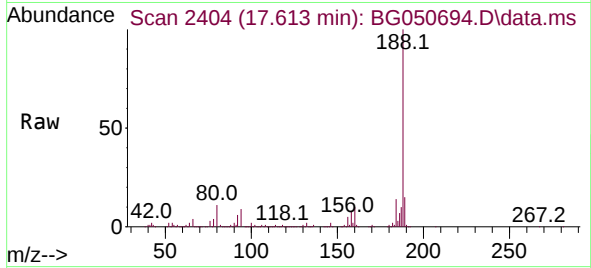




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BG050694.D
Acq: 22 Oct 2021 18:16

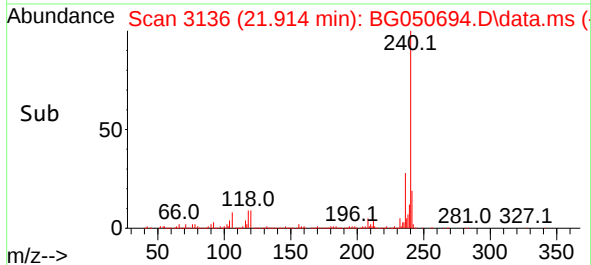
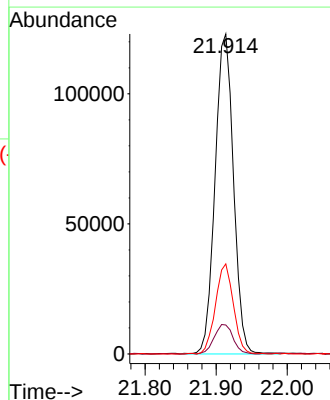
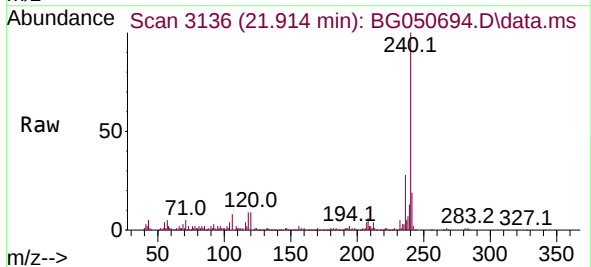
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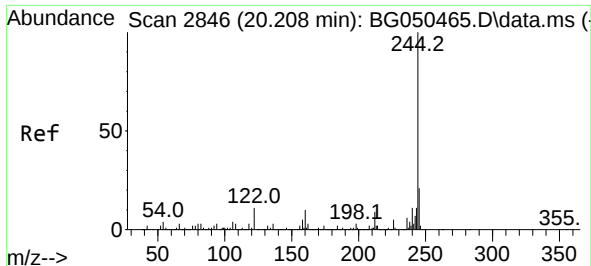
Tgt Ion:188 Resp: 265479
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 10.7 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.914 min Scan# 3136
Delta R.T. -0.011 min
Lab File: BG050694.D
Acq: 22 Oct 2021 18:16

Tgt Ion:240 Resp: 220576
Ion Ratio Lower Upper
240 100
120 9.0 4.2 6.2#
236 28.2 21.8 32.6

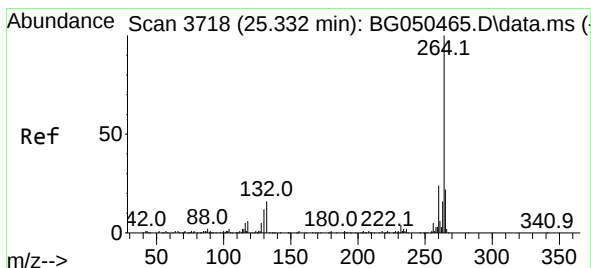
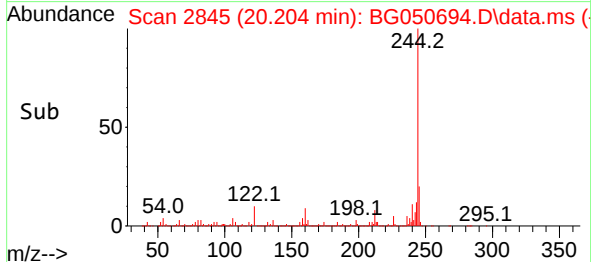
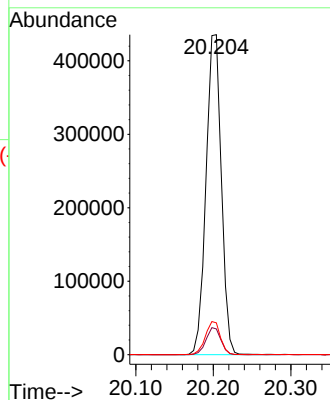
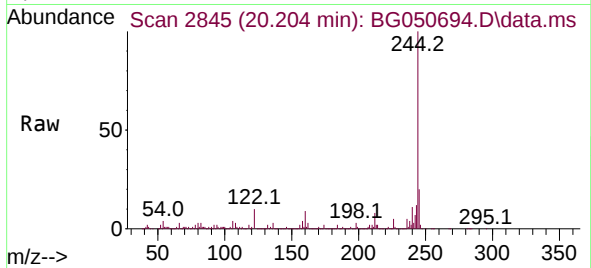




#79
 Terphenyl-d14
 Concen: 52.929 ng
 RT: 20.204 min Scan# 2845
 Delta R.T. -0.005 min
 Lab File: BG050694.D
 Acq: 22 Oct 2021 18:16

Instrument :
 BNA_G
 ClientSampleId :
 MH-PIT-CONCRETE

Tgt Ion:244 Resp: 599073
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 9.9 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.327 min Scan# 3717
 Delta R.T. -0.005 min
 Lab File: BG050694.D
 Acq: 22 Oct 2021 18:16

Tgt Ion:264 Resp: 214433
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.4 29.2
 265 21.5 16.9 25.3

