

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091422\
 Data File : BG054951.D
 Acq On : 14 Sep 2022 20:09
 Operator : CG/JU
 Sample : N4592-01 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-091222

Quant Time: Sep 15 03:23:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 03:14:10 2022
 Response via : Initial Calibration

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

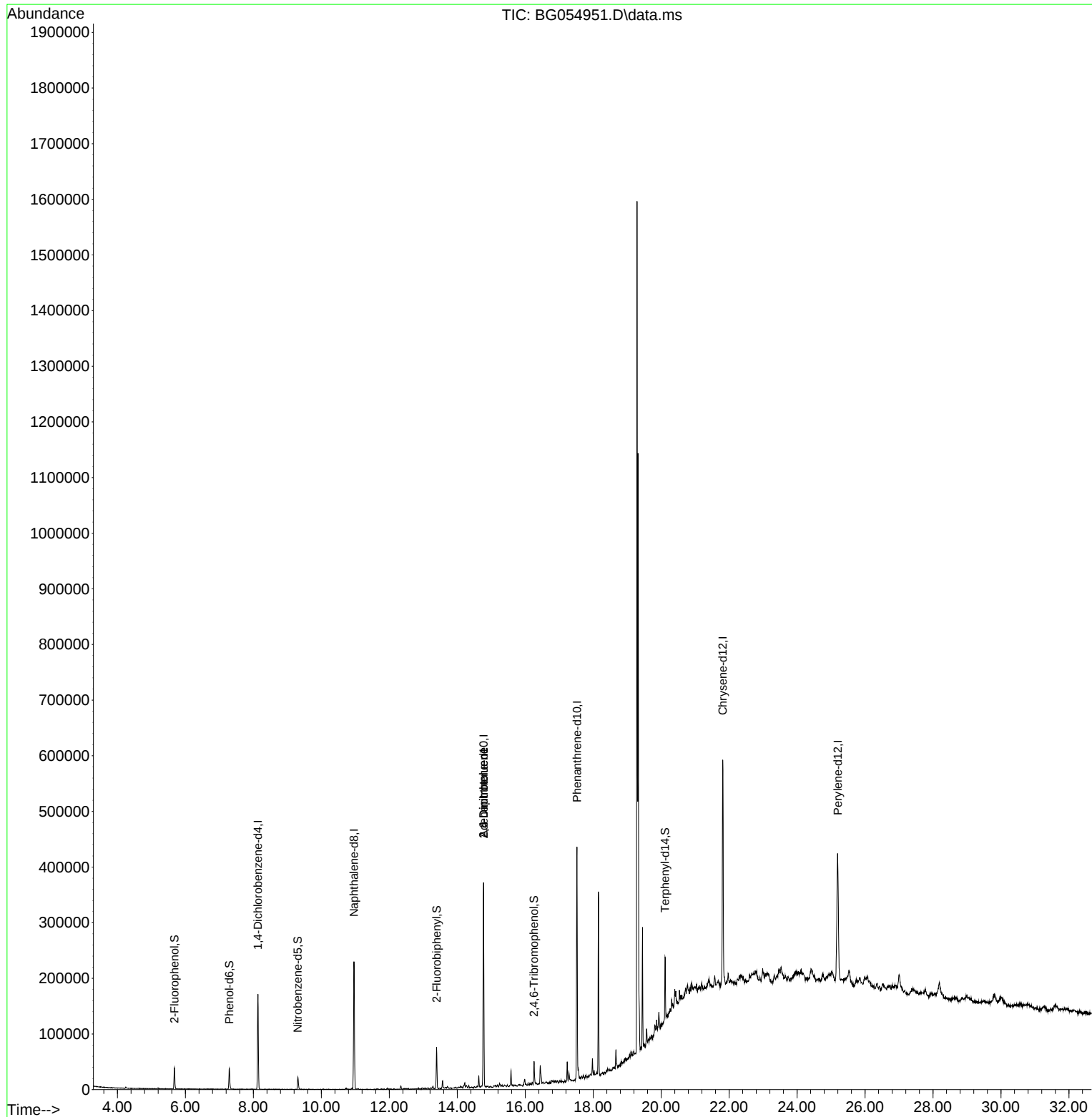
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	53960	20.000	ng	0.00
21) Naphthalene-d8	10.961	136	217564	20.000	ng	# 0.00
39) Acenaphthene-d10	14.774	164	137787	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	283963	20.000	ng	0.00
76) Chrysene-d12	21.813	240	272039	20.000	ng	0.00
86) Perylene-d12	25.197	264	292745	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	21014	6.781	ng	0.00
7) Phenol-d6	7.295	99	27901	6.584	ng	0.00
23) Nitrobenzene-d5	9.310	82	15998	3.860	ng	0.00
42) 2,4,6-Tribromophenol	16.261	330	10475	6.084	ng	0.00
45) 2-Fluorobiphenyl	13.393	172	42432	4.629	ng	0.00
79) Terphenyl-d14	20.115	244	61858	4.505	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	14.774	165	18784	8.651	ng	# 20
57) 2,4-Dinitrotoluene	14.774	165	18784	6.255	ng	# 18

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

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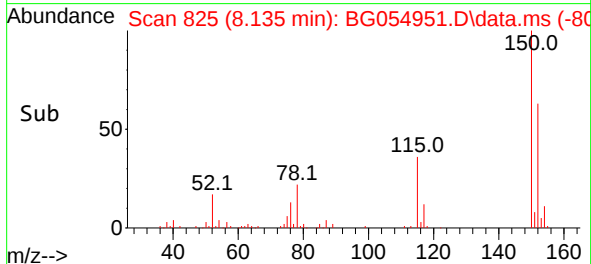
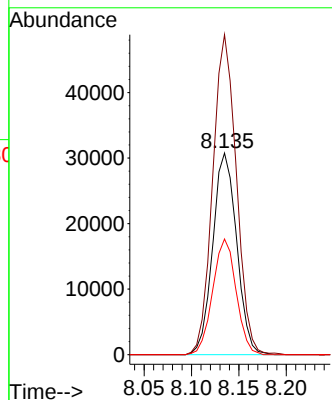
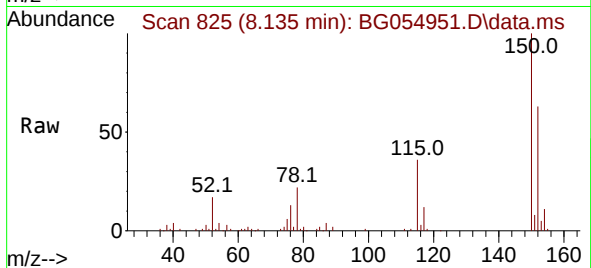




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.135 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG054951.D
Acq: 14 Sep 2022 20:09

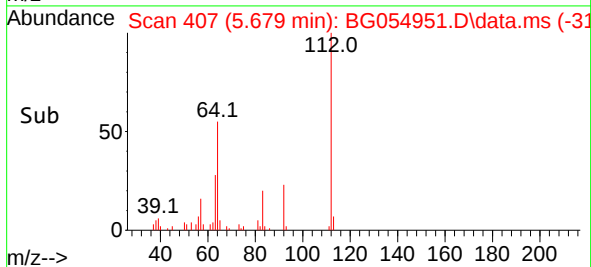
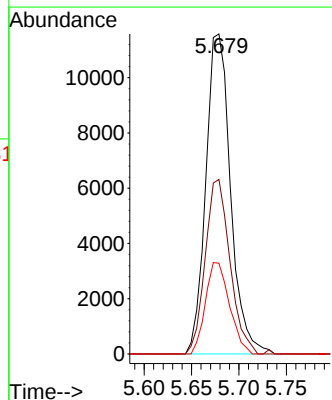
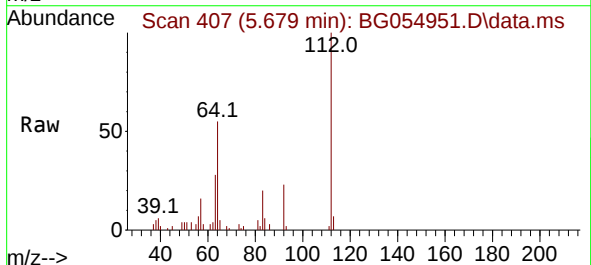
Instrument :
BNA_G
ClientSampleId :
EO-02-091222

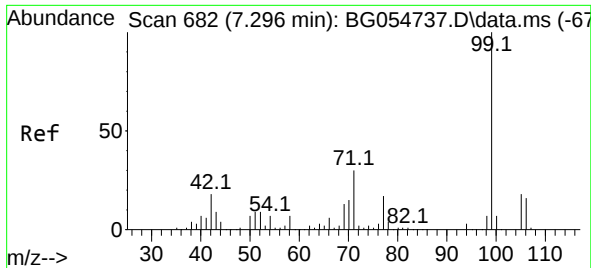
Tgt Ion:152 Resp: 53960
Ion Ratio Lower Upper
152 100
150 158.7 125.2 187.8
115 57.3 47.9 71.9



#5
2-Fluorophenol
Concen: 6.781 ng
RT: 5.679 min Scan# 407
Delta R.T. 0.006 min
Lab File: BG054951.D
Acq: 14 Sep 2022 20:09

Tgt Ion:112 Resp: 21014
Ion Ratio Lower Upper
112 100
64 54.5 49.3 73.9
63 28.3 26.3 39.5

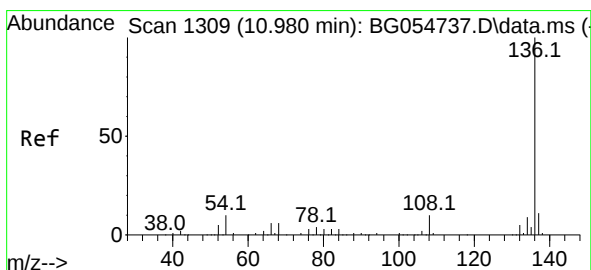
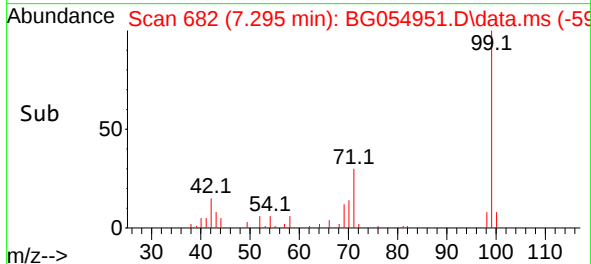
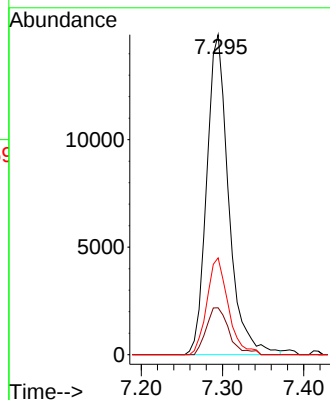
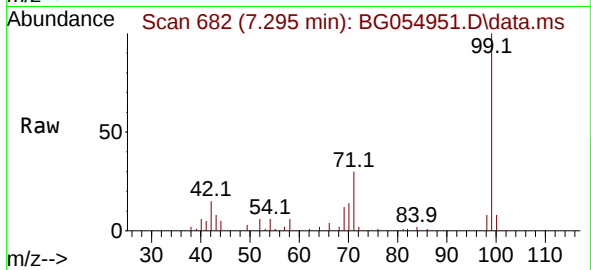




#7
Phenol-d6
Concen: 6.584 ng
RT: 7.295 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG054951.D
Acq: 14 Sep 2022 20:09

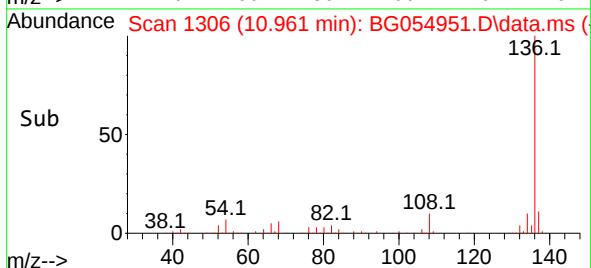
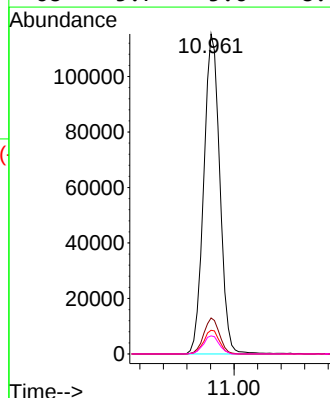
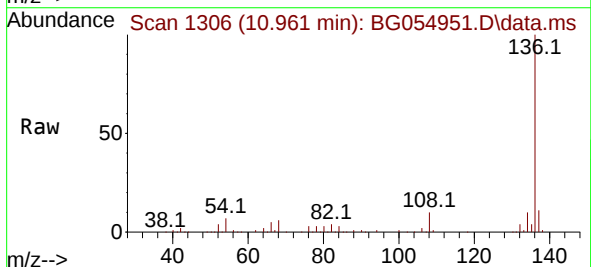
Instrument :
BNA_G
ClientSampleId :
EO-02-091222

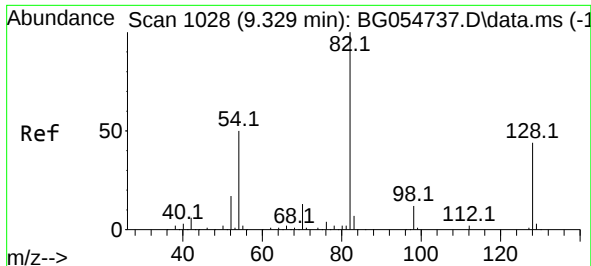
Tgt Ion: 99 Resp: 27901
Ion Ratio Lower Upper
99 100
42 14.7 14.6 22.0
71 30.2 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.961 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BG054951.D
Acq: 14 Sep 2022 20:09

Tgt Ion: 136 Resp: 217564
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 7.4 7.7 11.5#
68 5.7 5.6 8.4

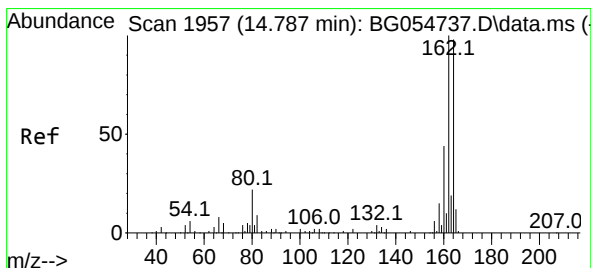
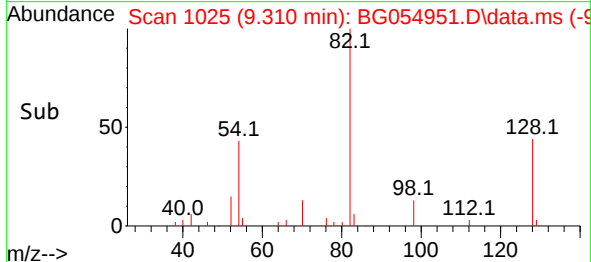
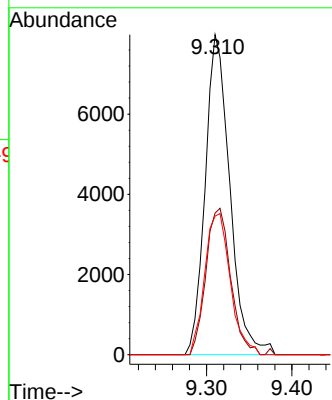
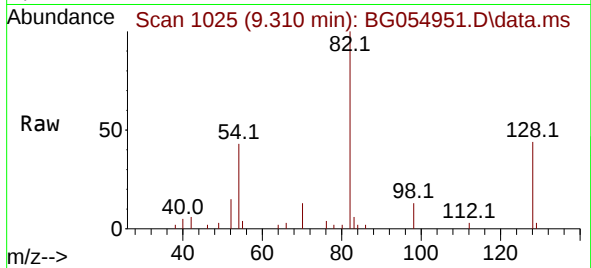




#23
Nitrobenzene-d5
Concen: 3.860 ng
RT: 9.310 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BG054951.D
Acq: 14 Sep 2022 20:09

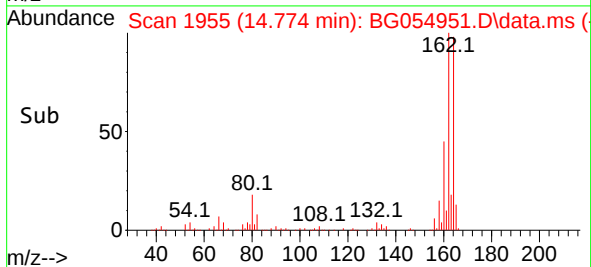
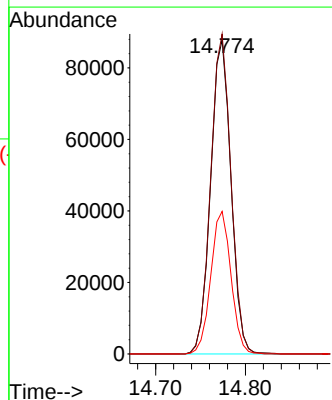
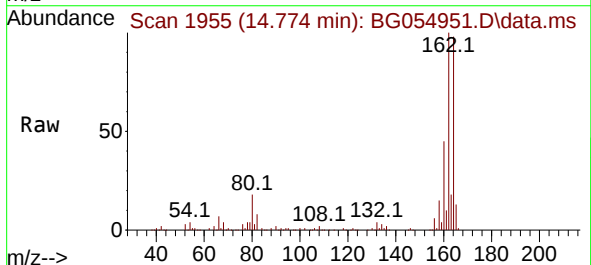
Instrument :
BNA_G
ClientSampleId :
EO-02-091222

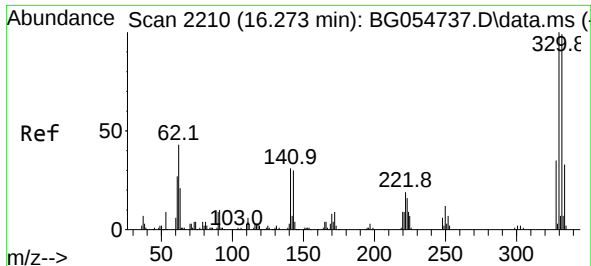
Tgt Ion: 82 Resp: 15998
Ion Ratio Lower Upper
82 100
128 44.2 32.2 48.2
54 43.3 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BG054951.D
Acq: 14 Sep 2022 20:09

Tgt Ion:164 Resp: 137787
Ion Ratio Lower Upper
164 100
162 101.9 83.0 124.4
160 45.4 38.0 57.0

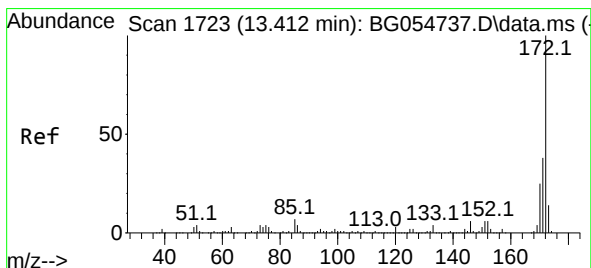
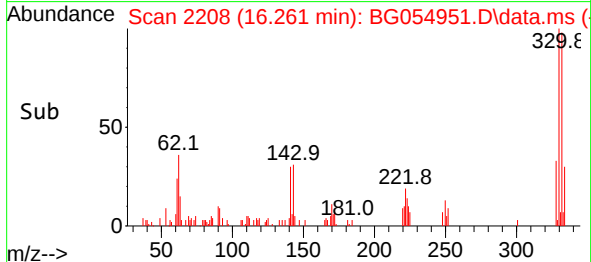
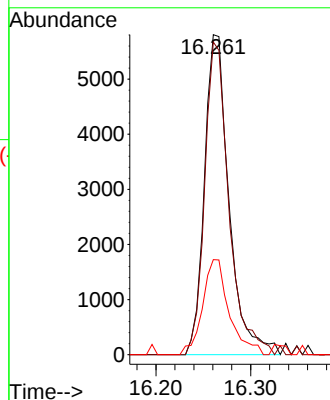
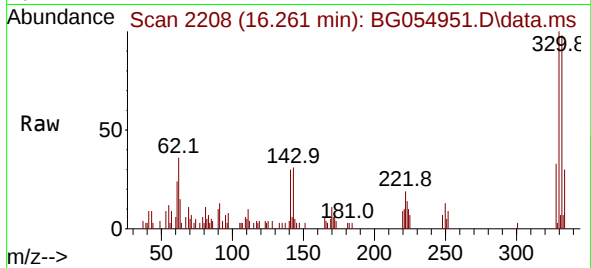




#42
2,4,6-Tribromophenol
Concen: 6.084 ng
RT: 16.261 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054951.D
Acq: 14 Sep 2022 20:09

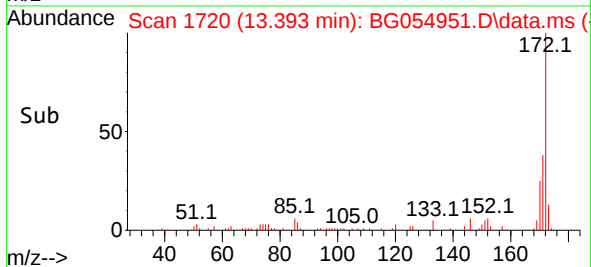
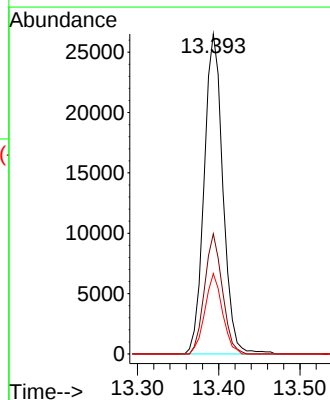
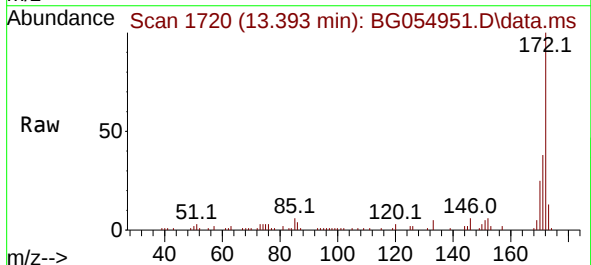
Instrument :
BNA_G
ClientSampleId :
EO-02-091222

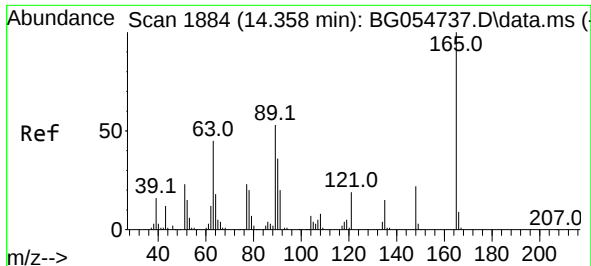
Tgt Ion:330 Resp: 10475
Ion Ratio Lower Upper
330 100
332 96.4 79.8 119.6
141 32.0 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 4.629 ng
RT: 13.393 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BG054951.D
Acq: 14 Sep 2022 20:09

Tgt Ion:172 Resp: 42432
Ion Ratio Lower Upper
172 100
171 37.6 31.2 46.8
170 25.1 20.6 30.8

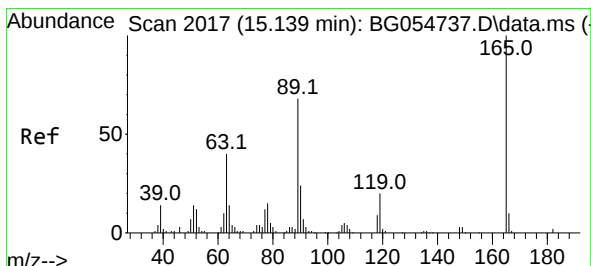
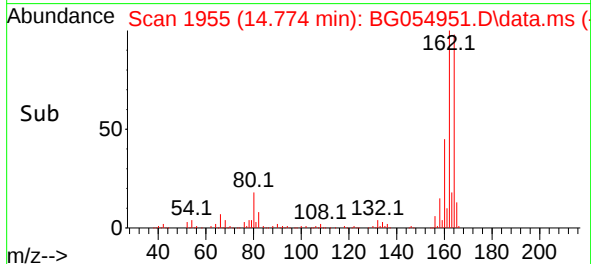
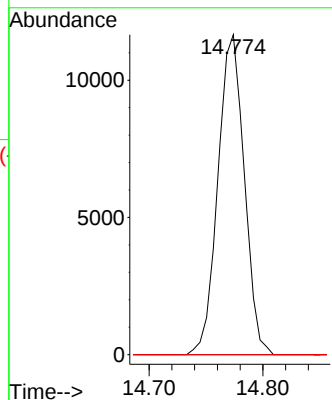
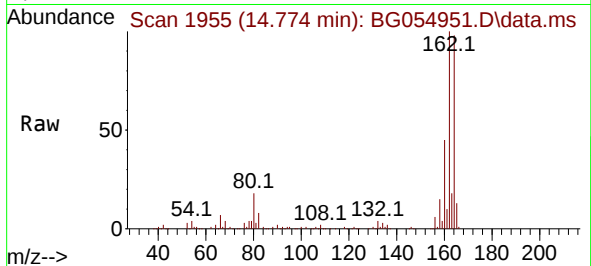




#51
2,6-Dinitrotoluene
Concen: 8.651 ng
RT: 14.774 min Scan# 1955
Delta R.T. 0.429 min
Lab File: BG054951.D
Acq: 14 Sep 2022 20:09

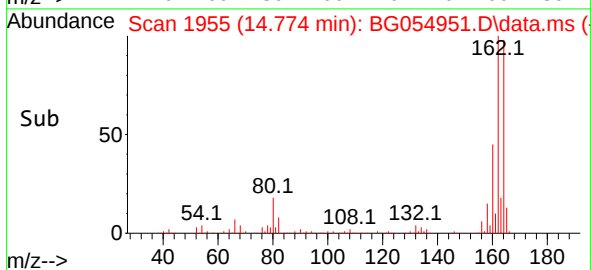
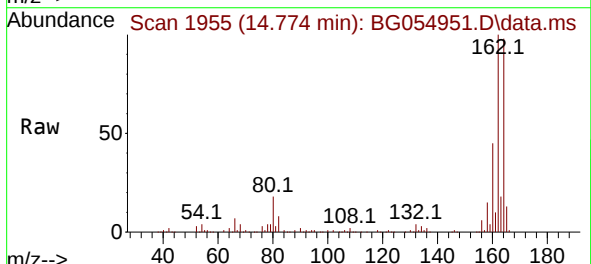
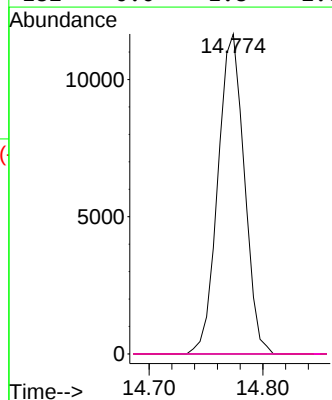
Instrument :
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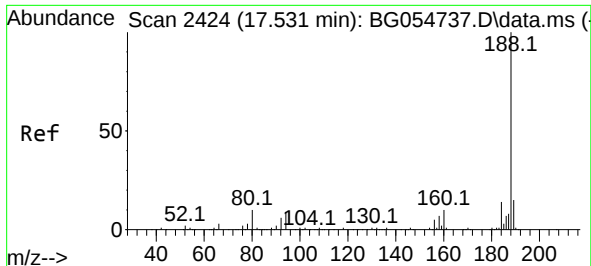
Tgt Ion:165 Resp: 18784
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#



#57
2,4-Dinitrotoluene
Concen: 6.255 ng
RT: 14.774 min Scan# 1955
Delta R.T. -0.364 min
Lab File: BG054951.D
Acq: 14 Sep 2022 20:09

Tgt Ion:165 Resp: 18784
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#

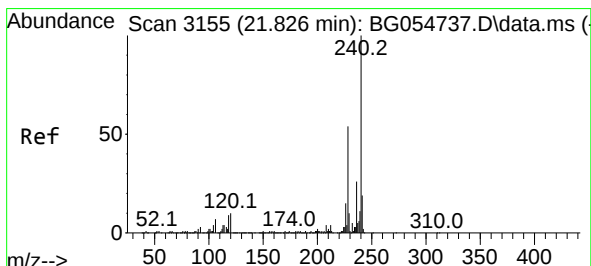
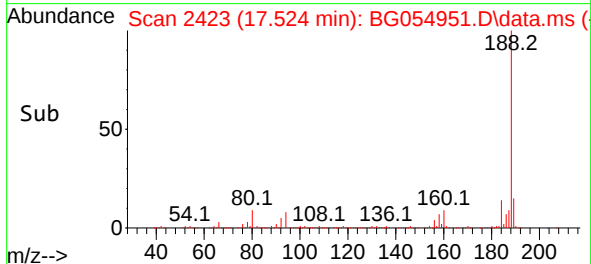
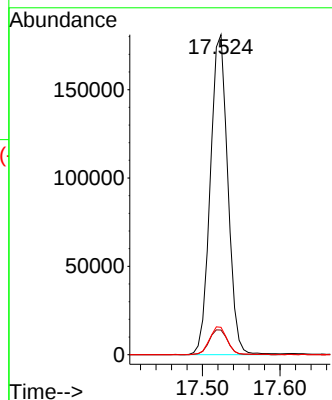
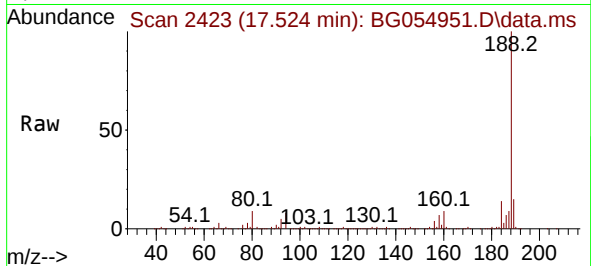




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.524 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BG054951.D
Acq: 14 Sep 2022 20:09

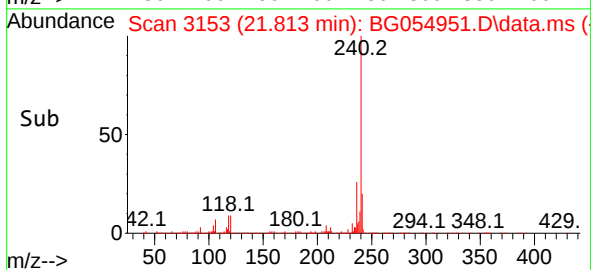
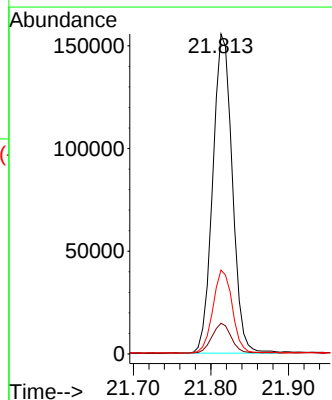
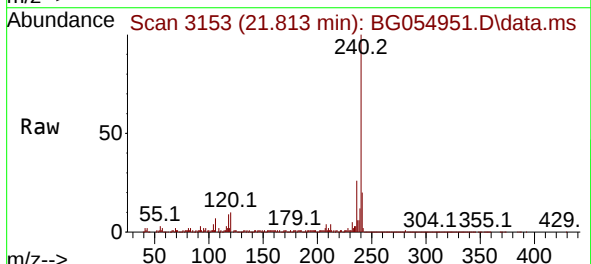
Instrument :
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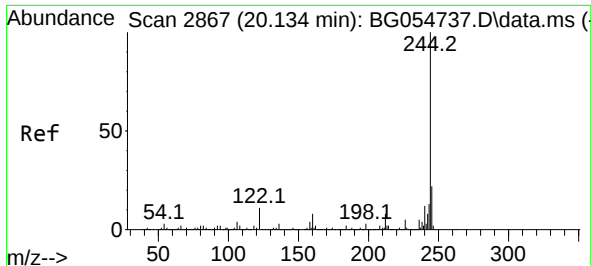
Tgt Ion:188 Resp: 283963
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.4
80 8.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.813 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BG054951.D
Acq: 14 Sep 2022 20:09

Tgt Ion:240 Resp: 272039
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.4
236 26.2 21.2 31.8

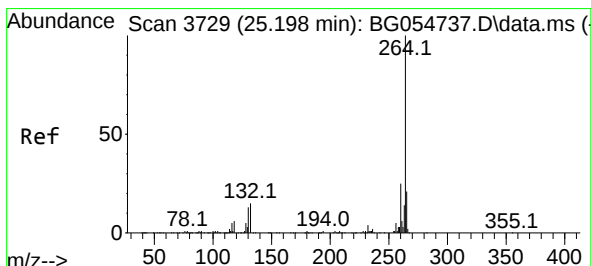
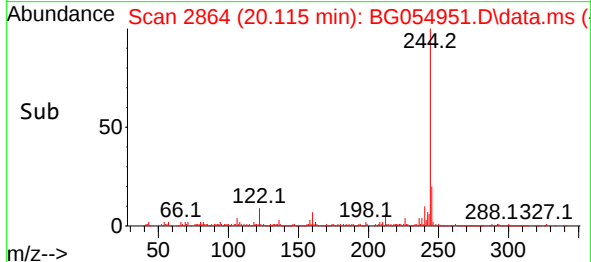
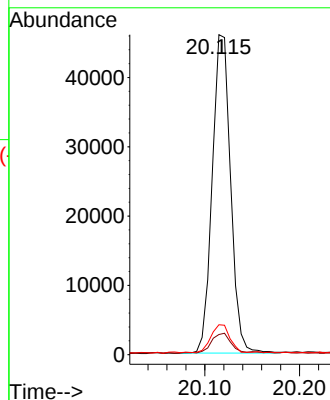
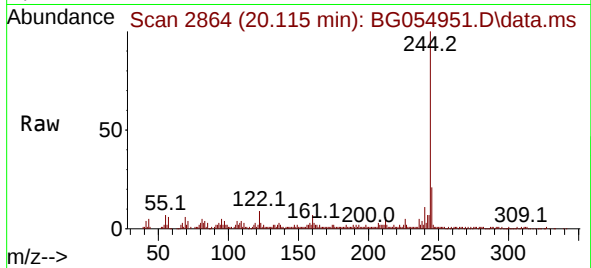




#79
 Terphenyl-d14
 Concen: 4.505 ng
 RT: 20.115 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054951.D
 Acq: 14 Sep 2022 20:09

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-091222

Tgt Ion:244 Resp: 61858
 Ion Ratio Lower Upper
 244 100
 212 6.3 6.2 9.2
 122 9.4 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.197 min Scan# 3729
 Delta R.T. 0.012 min
 Lab File: BG054951.D
 Acq: 14 Sep 2022 20:09

Tgt Ion:264 Resp: 292745
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.9 29.9
 265 22.4 16.9 25.3

