

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
 Data File : BG055819.D
 Acq On : 29 Nov 2022 00:39
 Operator : CG/JU
 Sample : N5752-16 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-14D

Quant Time: Nov 29 02:17:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 02:02:15 2022
 Response via : Initial Calibration

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

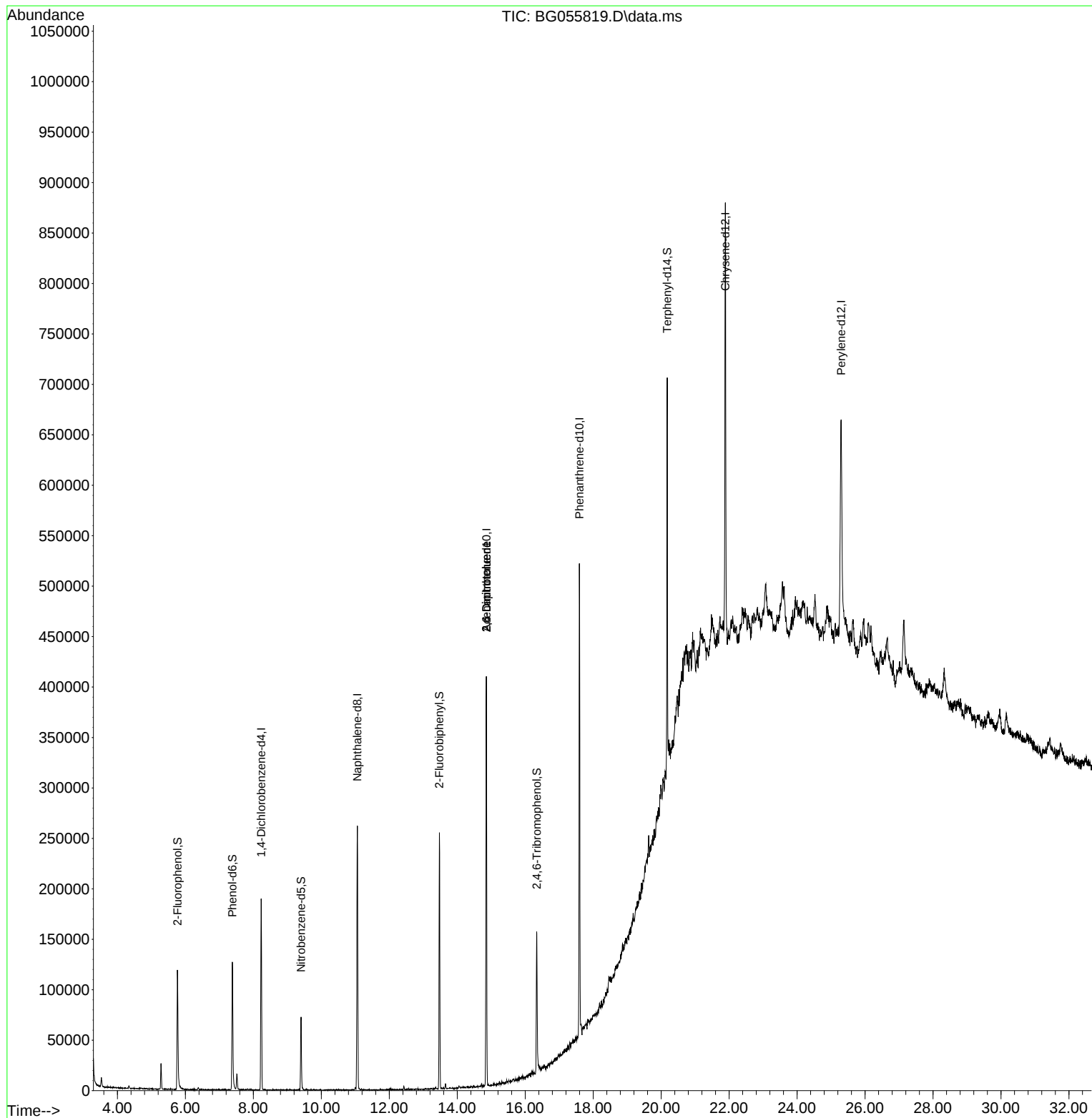
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	57506	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	230708	20.000	ng	0.00
39) Acenaphthene-d10	14.857	164	150188	20.000	ng	0.00
64) Phenanthrene-d10	17.595	188	308238	20.000	ng	0.00
76) Chrysene-d12	21.890	240	290446	20.000	ng	0.00
86) Perylene-d12	25.297	264	278781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	63549	19.975	ng	0.00
7) Phenol-d6	7.383	99	82376	19.451	ng	0.00
23) Nitrobenzene-d5	9.404	82	43543	9.976	ng	0.00
42) 2,4,6-Tribromophenol	16.343	330	36793	17.398	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	135514	13.518	ng	0.00
79) Terphenyl-d14	20.180	244	195883	13.489	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.857	165	20566	8.401	ng	# 26
57) 2,4-Dinitrotoluene	14.857	165	20566	5.959	ng	# 24

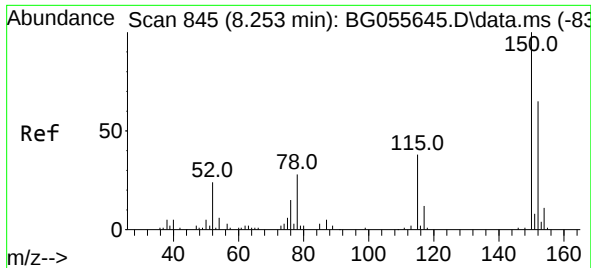
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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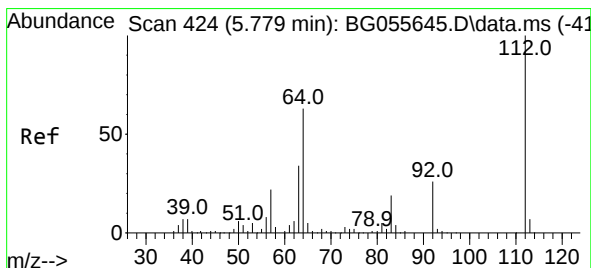
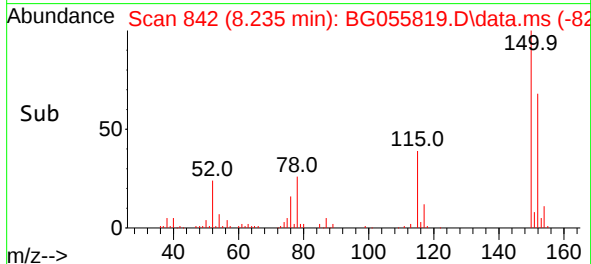
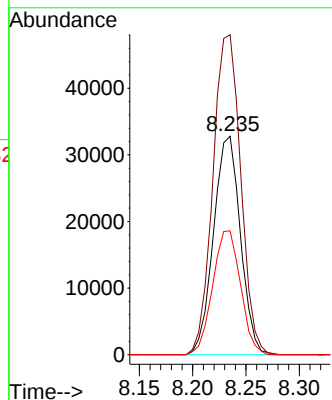
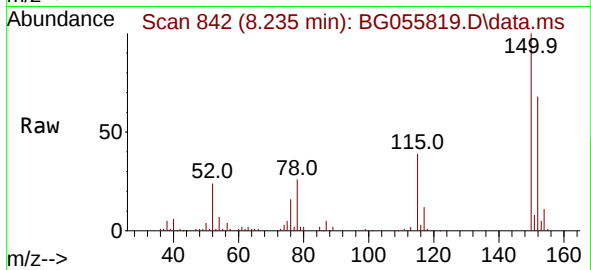




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.235 min Scan# 845
Delta R.T. 0.004 min
Lab File: BG055819.D
Acq: 29 Nov 2022 00:39

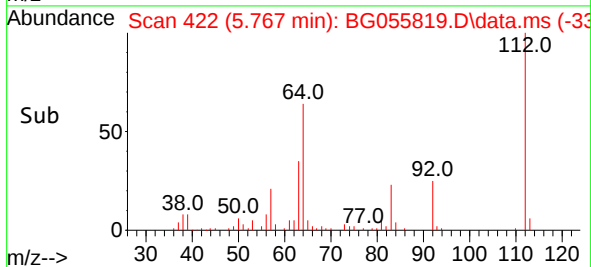
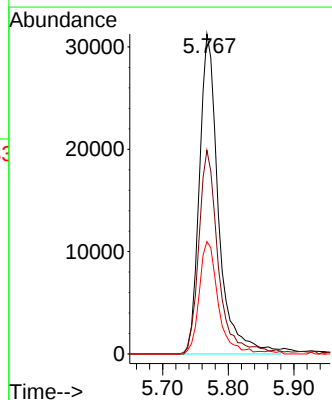
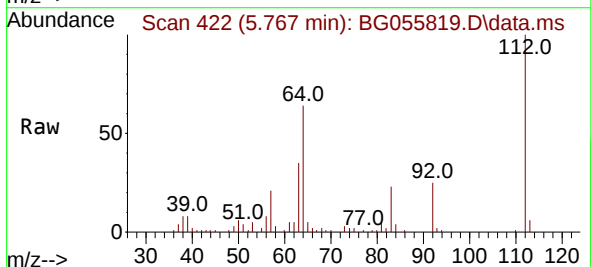
Instrument :
BNA_G
ClientSampleId :
B-14D

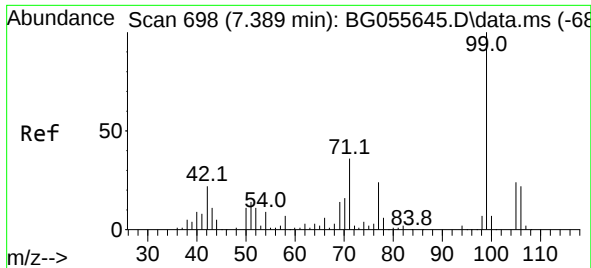
Tgt Ion:152 Resp: 57506
Ion Ratio Lower Upper
152 100
150 146.5 123.0 184.6
115 56.7 47.0 70.4



#5
2-Fluorophenol
Concen: 19.975 ng
RT: 5.767 min Scan# 422
Delta R.T. 0.010 min
Lab File: BG055819.D
Acq: 29 Nov 2022 00:39

Tgt Ion:112 Resp: 63549
Ion Ratio Lower Upper
112 100
64 63.7 50.6 76.0
63 35.1 27.5 41.3

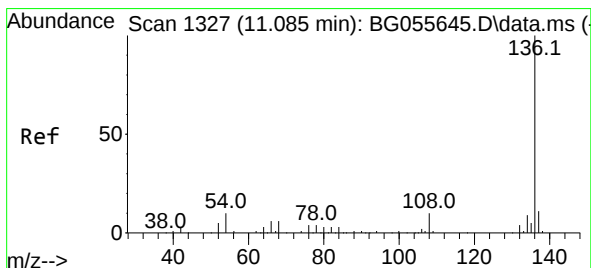
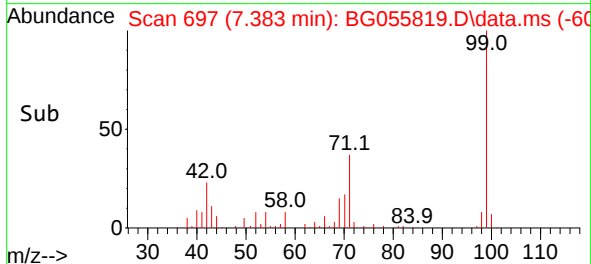
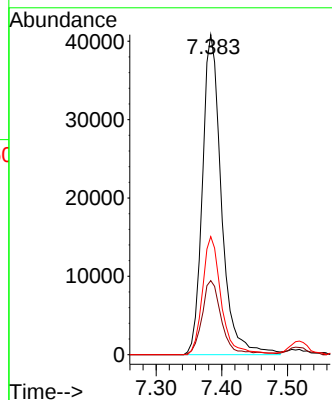
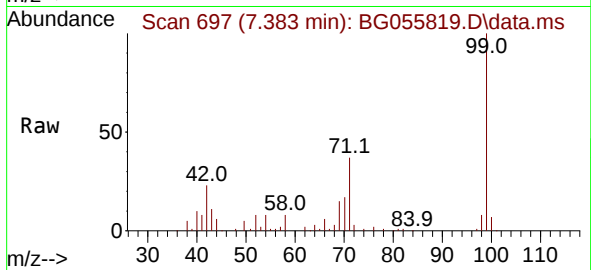




#7
Phenol-d6
Concen: 19.451 ng
RT: 7.383 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG055819.D
Acq: 29 Nov 2022 00:39

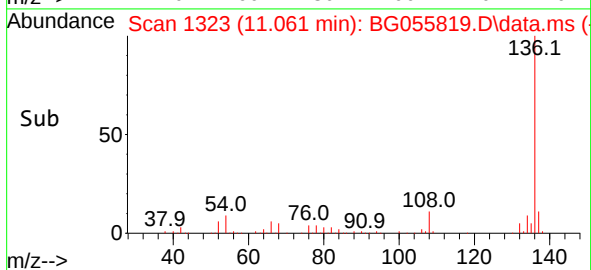
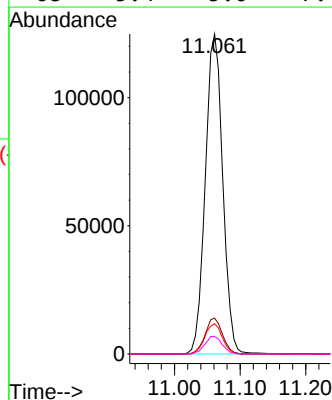
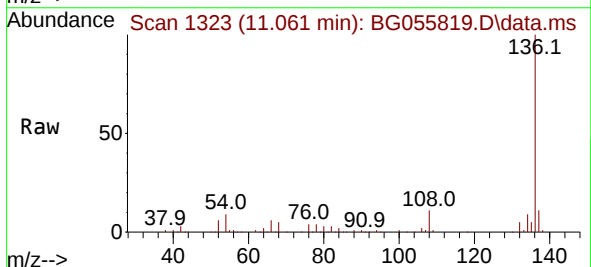
Instrument :
BNA_G
ClientSampleId :
B-14D

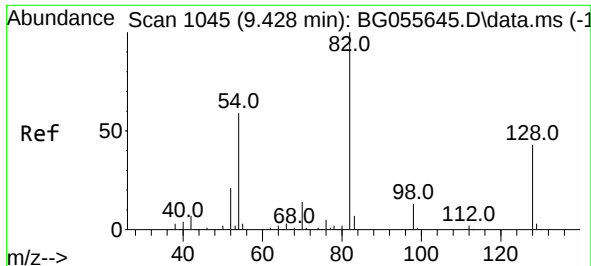
Tgt Ion: 99 Resp: 82376
Ion Ratio Lower Upper
99 100
42 23.2 18.0 27.0
71 36.9 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 1323
Delta R.T. -0.002 min
Lab File: BG055819.D
Acq: 29 Nov 2022 00:39

Tgt Ion: 136 Resp: 230708
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.5 7.8 11.6
68 5.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 9.976 ng

RT: 9.404 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG055819.D

Acq: 29 Nov 2022 00:39

Instrument :

BNA_G

ClientSampleId :

B-14D

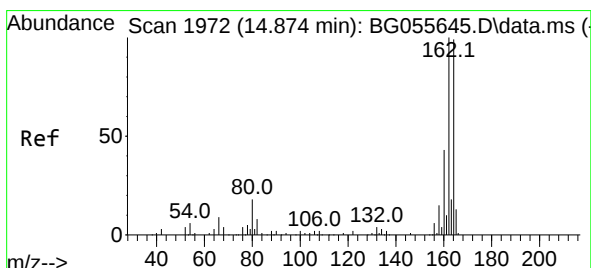
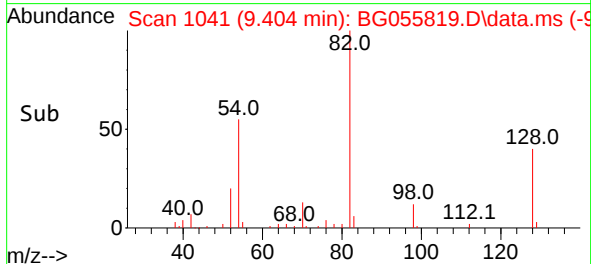
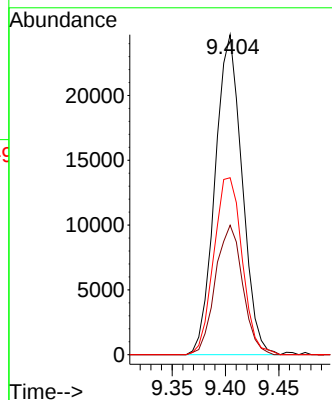
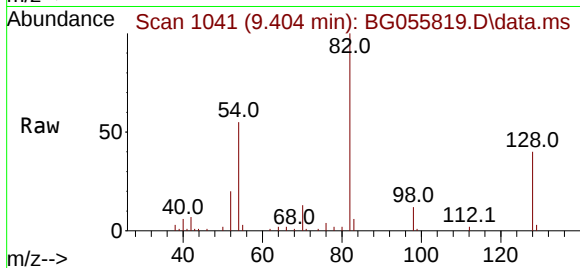
Tgt Ion: 82 Resp: 43543

Ion Ratio Lower Upper

82 100

128 40.4 34.1 51.1

54 55.3 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.857 min Scan# 1969

Delta R.T. -0.002 min

Lab File: BG055819.D

Acq: 29 Nov 2022 00:39

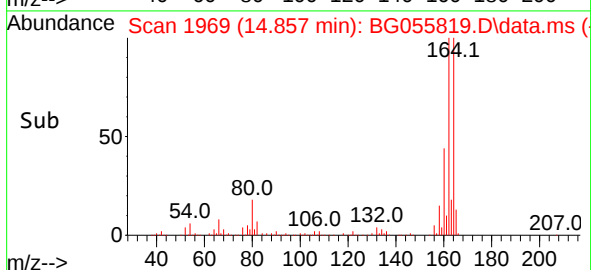
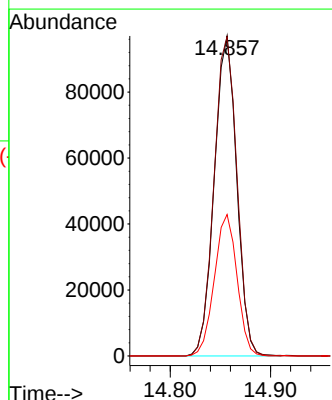
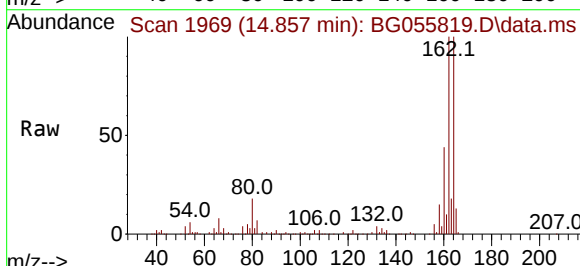
Tgt Ion:164 Resp: 150188

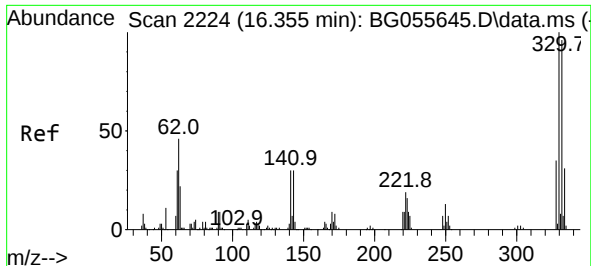
Ion Ratio Lower Upper

164 100

162 99.8 81.1 121.7

160 44.2 34.8 52.2

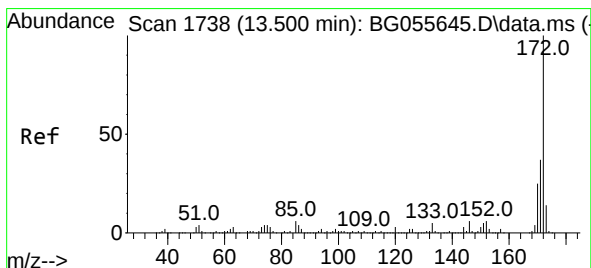
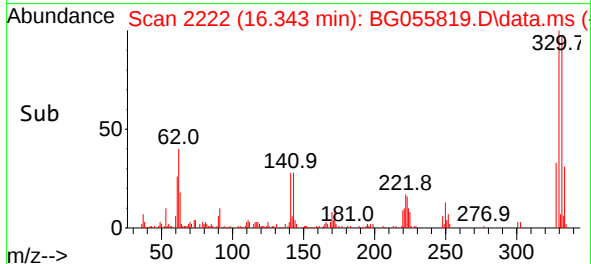
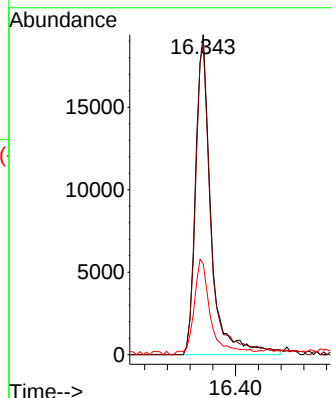
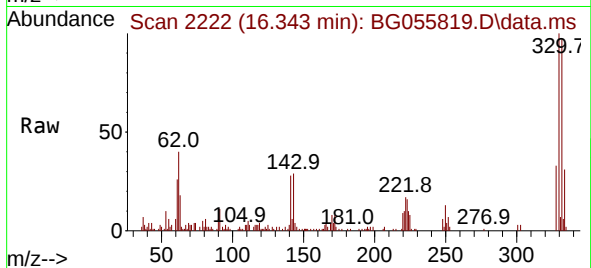




#42
2,4,6-Tribromophenol
Concen: 17.398 ng
RT: 16.343 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG055819.D
Acq: 29 Nov 2022 00:39

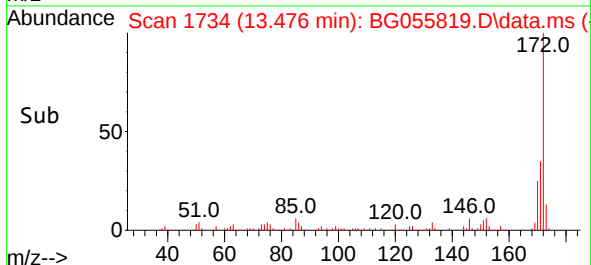
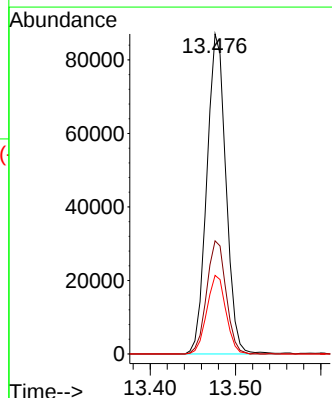
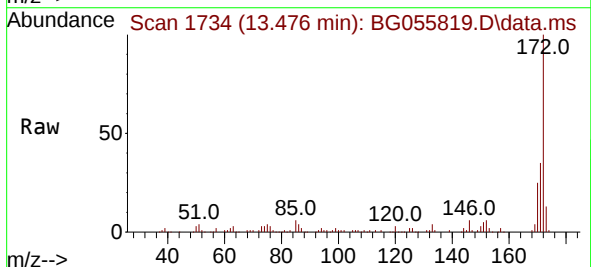
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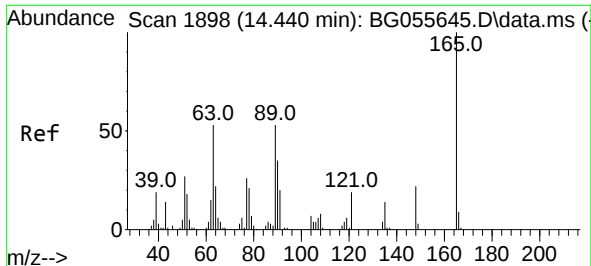
Tgt Ion:330 Resp: 36793
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 32.4 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 13.518 ng
RT: 13.476 min Scan# 1734
Delta R.T. -0.008 min
Lab File: BG055819.D
Acq: 29 Nov 2022 00:39

Tgt Ion:172 Resp: 135514
Ion Ratio Lower Upper
172 100
171 35.4 29.8 44.6
170 24.6 20.2 30.4

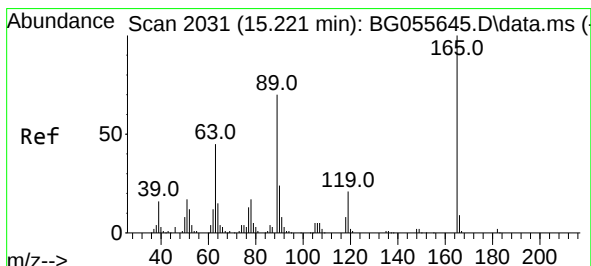
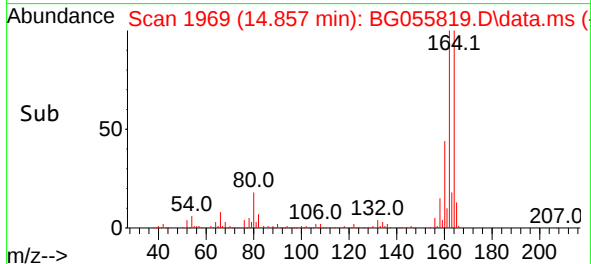
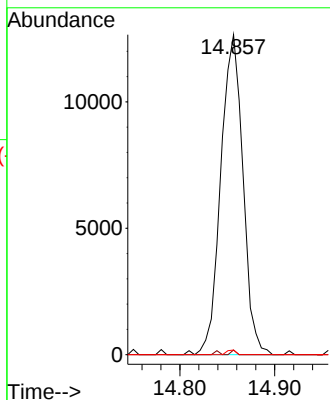
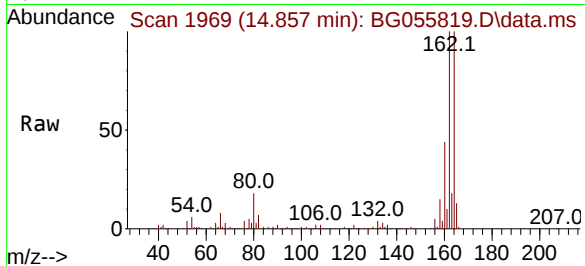




#51
2,6-Dinitrotoluene
Concen: 8.401 ng
RT: 14.857 min Scan# 1969
Delta R.T. 0.433 min
Lab File: BG055819.D
Acq: 29 Nov 2022 00:39

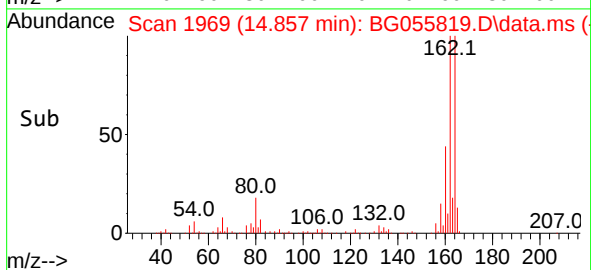
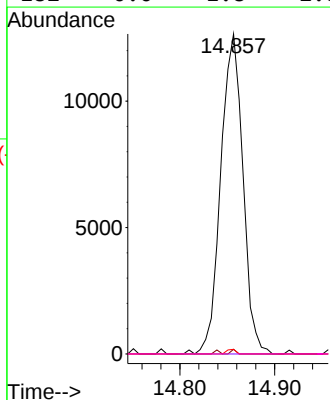
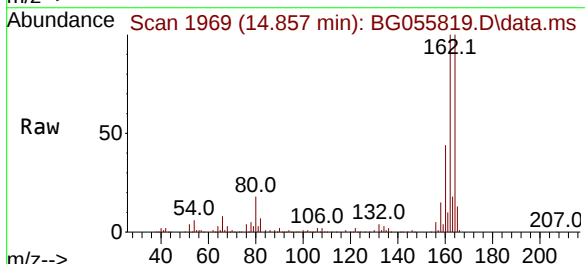
Instrument :
BNA_G
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B-14D

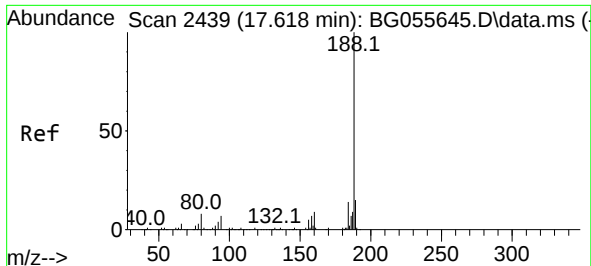
Tgt Ion:165 Resp: 20566
Ion Ratio Lower Upper
165 100
63 1.5 44.6 66.8#
89 1.4 42.2 63.4#



#57
2,4-Dinitrotoluene
Concen: 5.959 ng
RT: 14.857 min Scan# 1969
Delta R.T. -0.355 min
Lab File: BG055819.D
Acq: 29 Nov 2022 00:39

Tgt Ion:165 Resp: 20566
Ion Ratio Lower Upper
165 100
63 1.5 35.8 53.8#
89 1.4 56.2 84.4#
182 0.0 1.8 2.8#

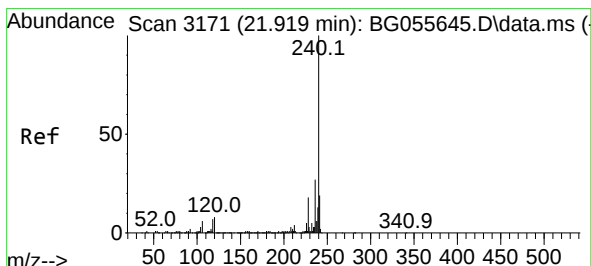
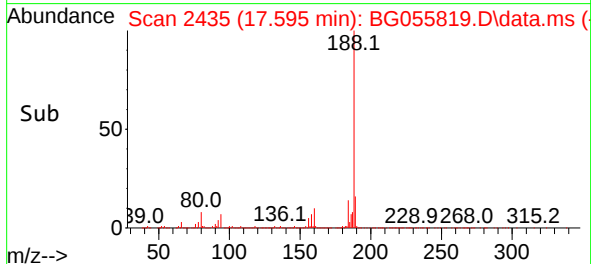
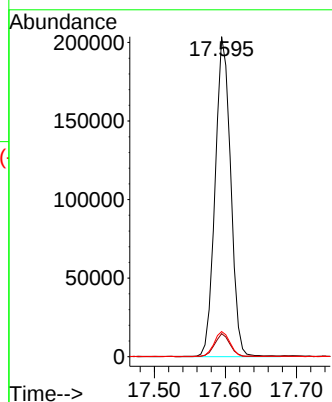
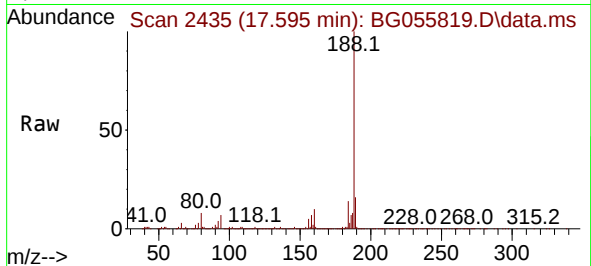




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.595 min Scan# 2439
Delta R.T. -0.002 min
Lab File: BG055819.D
Acq: 29 Nov 2022 00:39

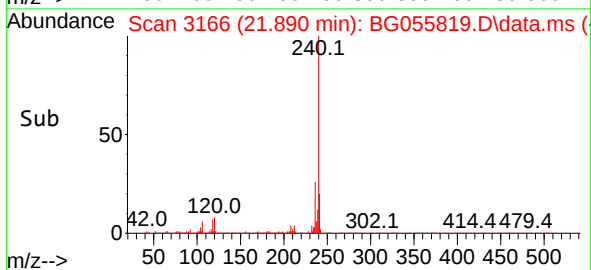
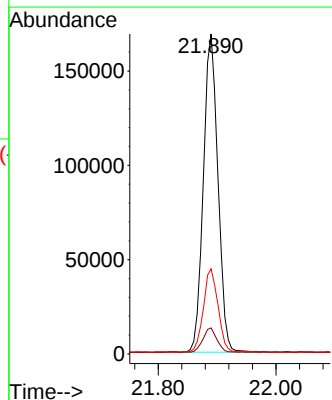
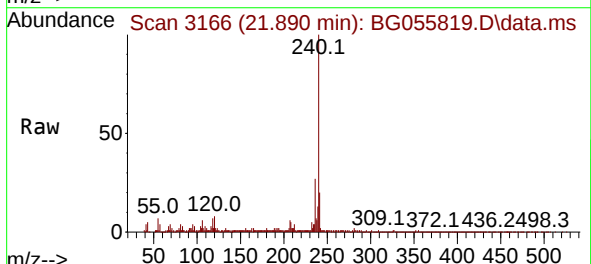
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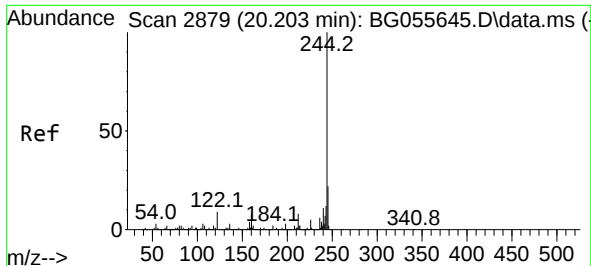
Tgt Ion:188 Resp: 308238
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.2
80 7.9 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.890 min Scan# 3166
Delta R.T. -0.002 min
Lab File: BG055819.D
Acq: 29 Nov 2022 00:39

Tgt Ion:240 Resp: 290446
Ion Ratio Lower Upper
240 100
120 8.1 6.3 9.5
236 26.6 21.9 32.9

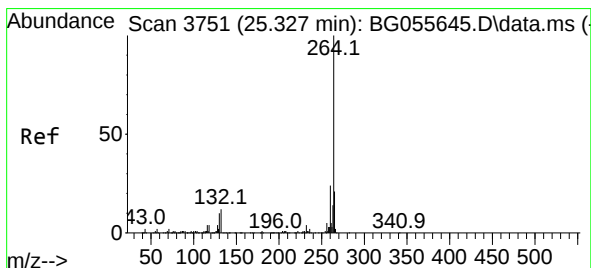
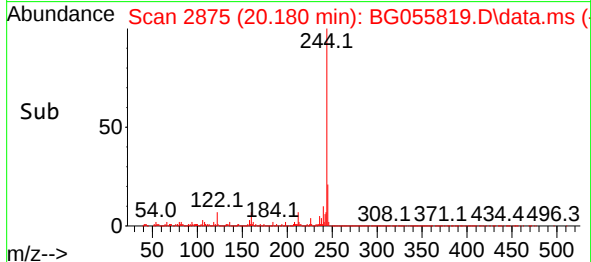
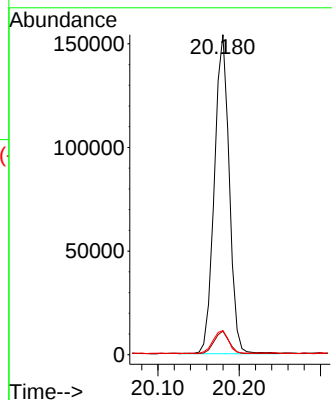
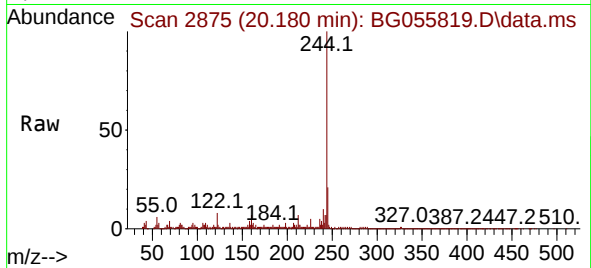




#79
 Terphenyl-d14
 Concen: 13.489 ng
 RT: 20.180 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG055819.D
 Acq: 29 Nov 2022 00:39

Instrument :
 BNA_G
 ClientSampleId :
 B-14D

Tgt Ion:244 Resp: 195883
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 7.5 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.297 min Scan# 3746
 Delta R.T. 0.010 min
 Lab File: BG055819.D
 Acq: 29 Nov 2022 00:39

Tgt Ion:264 Resp: 278781
 Ion Ratio Lower Upper
 264 100
 260 26.2 19.5 29.3
 265 22.3 17.1 25.7

