

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
 Data File : BG055817.D
 Acq On : 28 Nov 2022 23:17
 Operator : CG/JU
 Sample : N5752-20 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-16D

Quant Time: Nov 29 02:16:37 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)

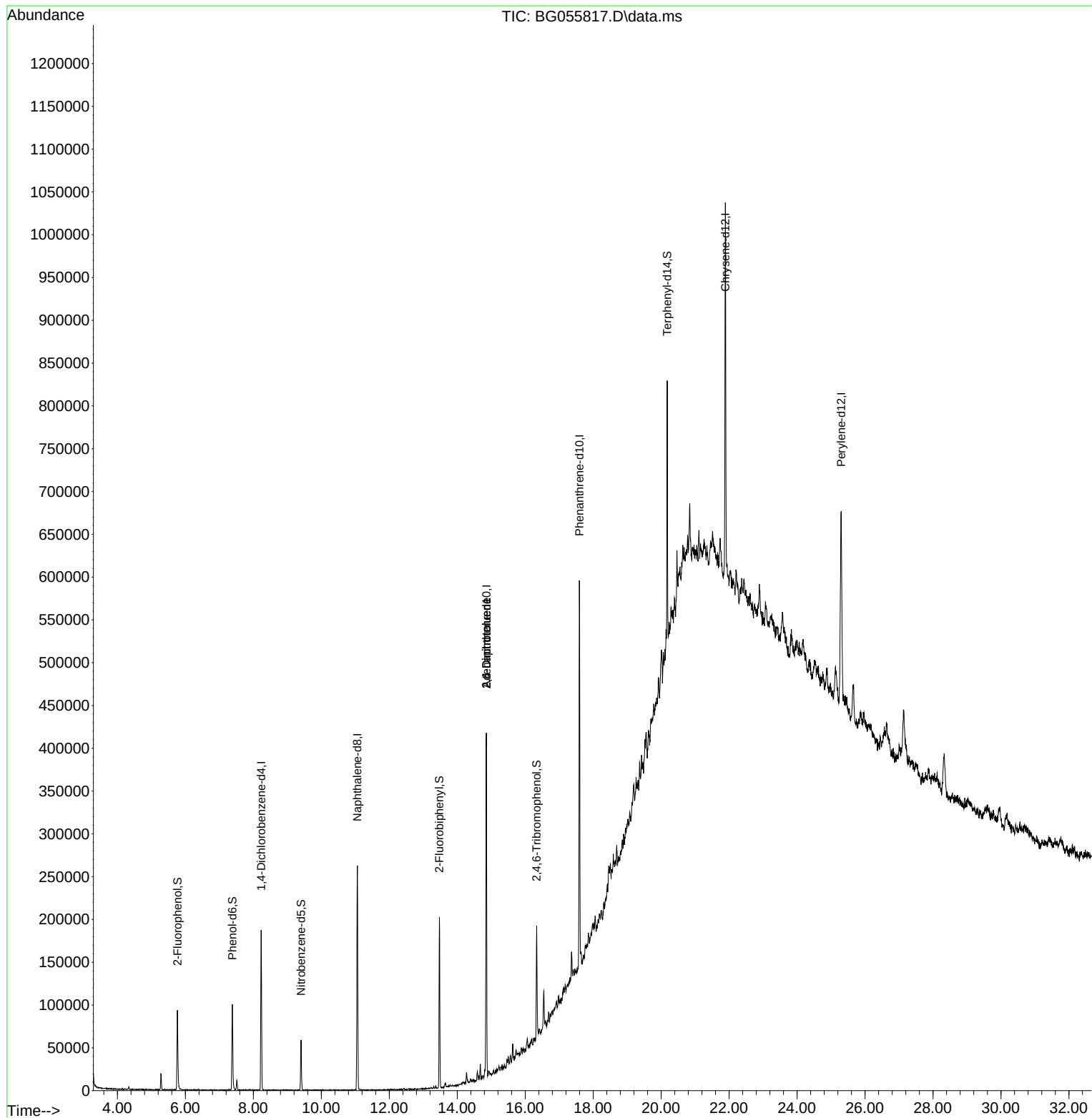
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	55528	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	221932	20.000	ng	0.00
39) Acenaphthene-d10	14.856	164	146396	20.000	ng	0.00
64) Phenanthrene-d10	17.594	188	292765	20.000	ng	0.00
76) Chrysene-d12	21.889	240	276894	20.000	ng	0.00
86) Perylene-d12	25.297	264	299109	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	47519	15.468	ng	0.00
7) Phenol-d6	7.383	99	63243	15.465	ng	0.00
23) Nitrobenzene-d5	9.404	82	34489	8.214	ng	0.00
42) 2,4,6-Tribromophenol	16.337	330	28741	13.942	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	106020	10.849	ng	0.00
79) Terphenyl-d14	20.179	244	149722	10.815	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.856	165	18879	7.912	ng	# 25
57) 2,4-Dinitrotoluene	14.856	165	18879	5.612	ng	# 23

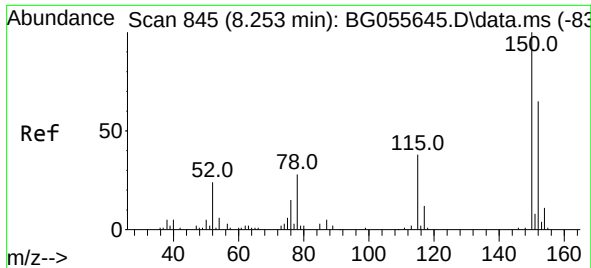
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 29 02:16:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 02:02:15 2022
Response via : Initial Calibration

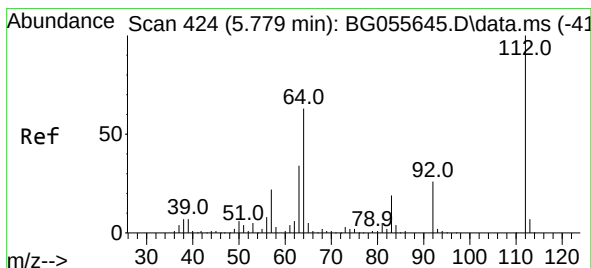
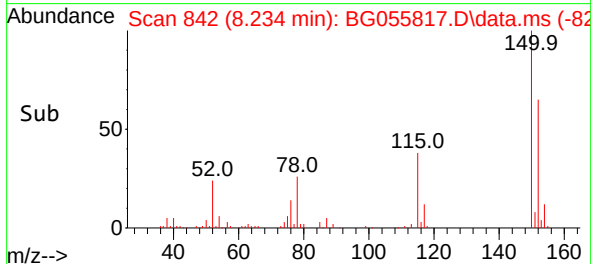
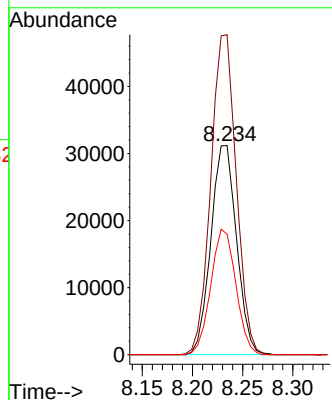
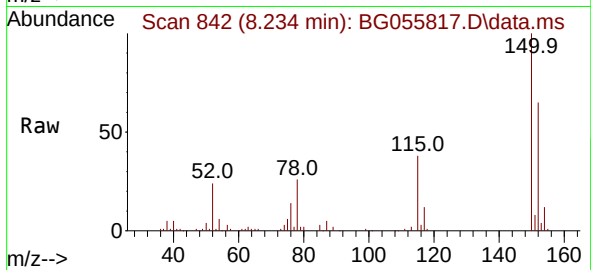




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.234 min Scan# 845
Delta R.T. 0.003 min
Lab File: BG055817.D
Acq: 28 Nov 2022 23:17

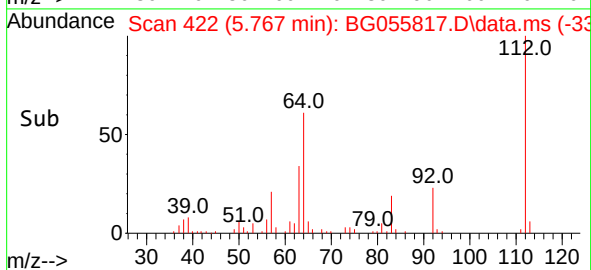
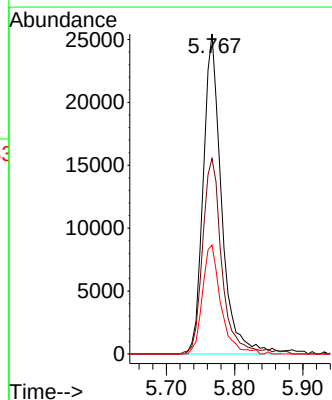
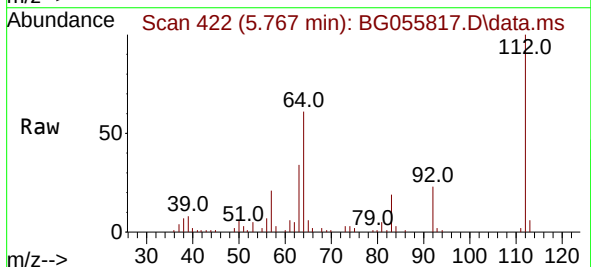
Instrument :
BNA_G
ClientSampleId :
B-16D

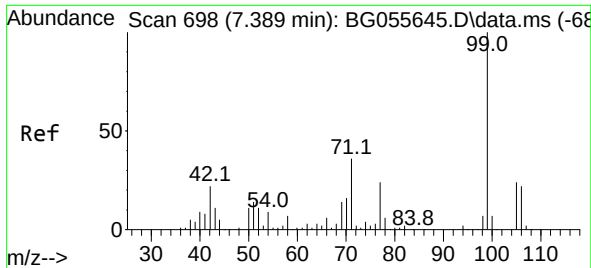
Tgt Ion:152 Resp: 55528
Ion Ratio Lower Upper
152 100
150 153.0 123.0 184.6
115 57.6 47.0 70.4



#5
2-Fluorophenol
Concen: 15.468 ng
RT: 5.767 min Scan# 422
Delta R.T. 0.009 min
Lab File: BG055817.D
Acq: 28 Nov 2022 23:17

Tgt Ion:112 Resp: 47519
Ion Ratio Lower Upper
112 100
64 61.1 50.6 76.0
63 34.0 27.5 41.3

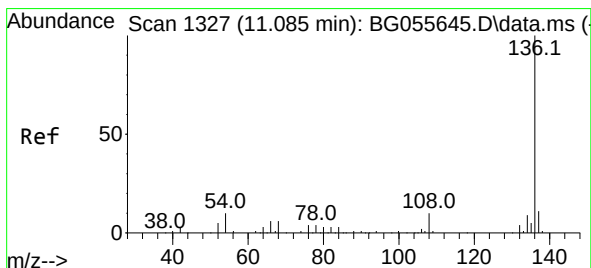
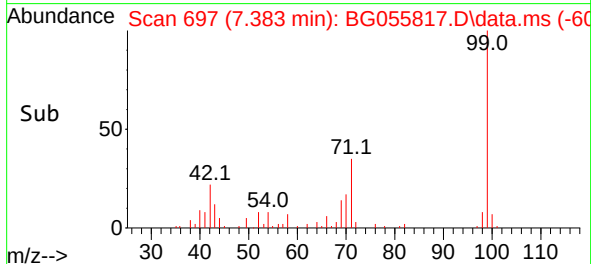
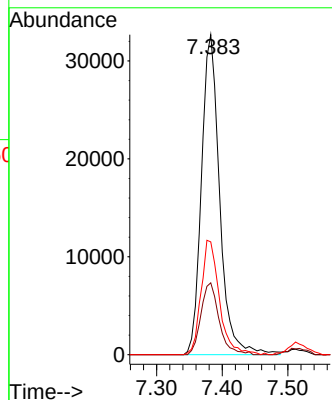
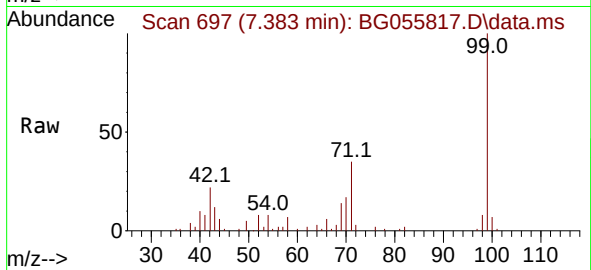




#7
Phenol-d6
Concen: 15.465 ng
RT: 7.383 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG055817.D
Acq: 28 Nov 2022 23:17

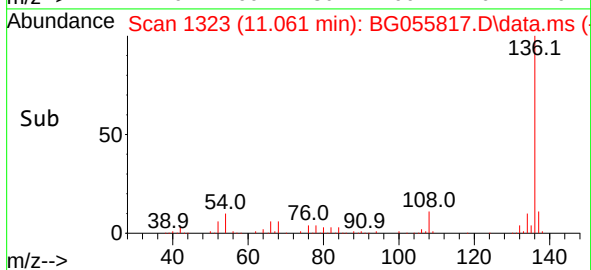
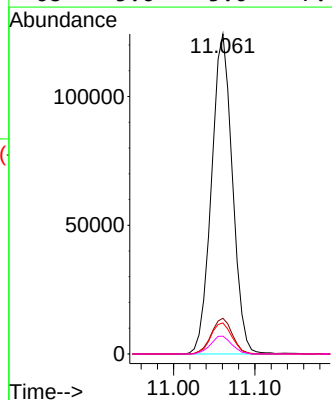
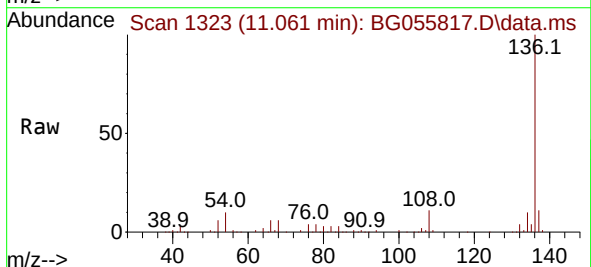
Instrument :
BNA_G
ClientSampleId :
B-16D

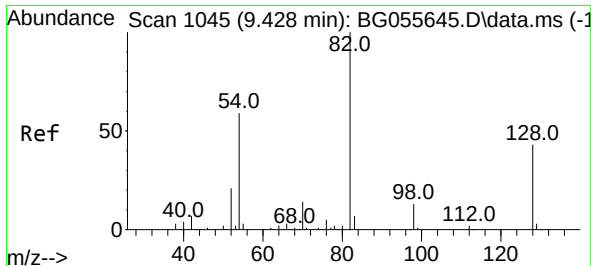
Tgt Ion: 99 Resp: 63243
Ion Ratio Lower Upper
99 100
42 22.5 18.0 27.0
71 35.2 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 1323
Delta R.T. -0.003 min
Lab File: BG055817.D
Acq: 28 Nov 2022 23:17

Tgt Ion:136 Resp: 221932
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.7 7.8 11.6
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 8.214 ng

RT: 9.404 min Scan# 1041

Delta R.T. -0.003 min

Lab File: BG055817.D

Acq: 28 Nov 2022 23:17

Instrument :

BNA_G

ClientSampleId :

B-16D

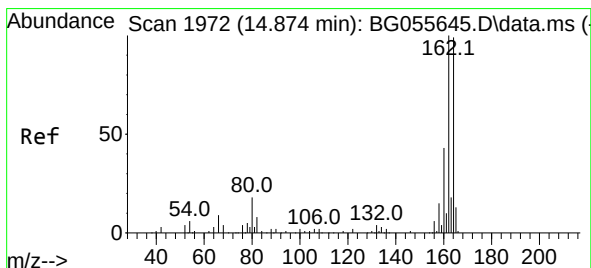
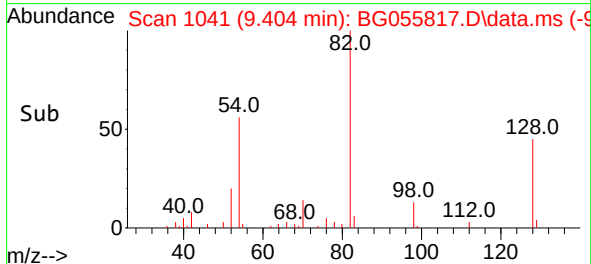
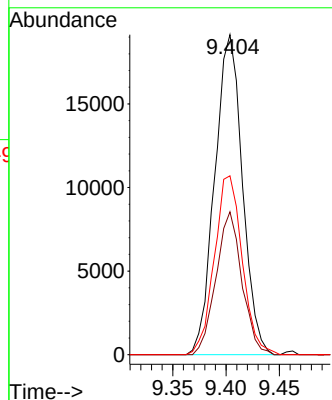
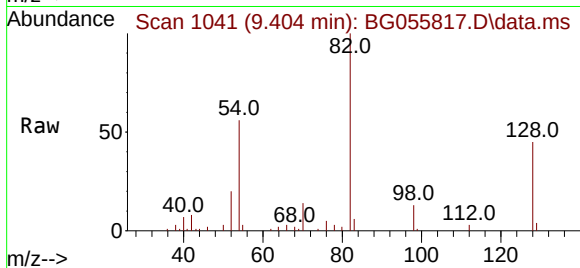
Tgt Ion: 82 Resp: 34489

Ion Ratio Lower Upper

82 100

128 44.7 34.1 51.1

54 55.9 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.856 min Scan# 1969

Delta R.T. -0.003 min

Lab File: BG055817.D

Acq: 28 Nov 2022 23:17

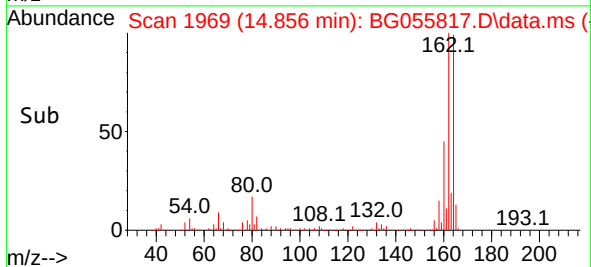
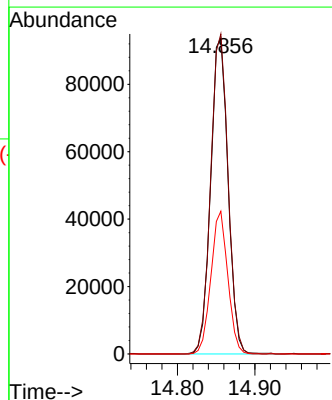
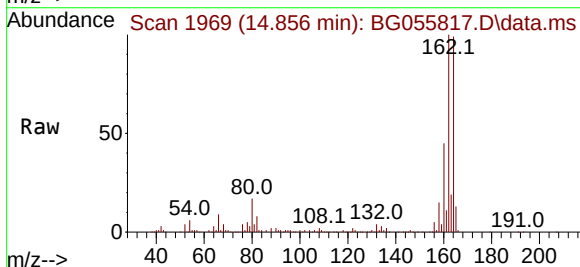
Tgt Ion: 164 Resp: 146396

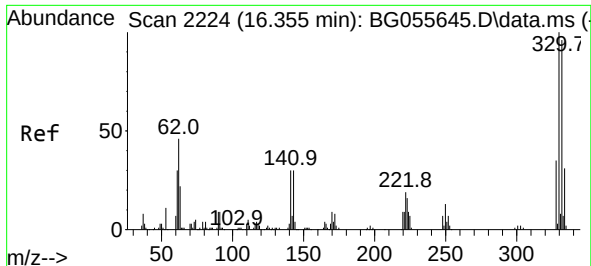
Ion Ratio Lower Upper

164 100

162 101.3 81.1 121.7

160 45.2 34.8 52.2

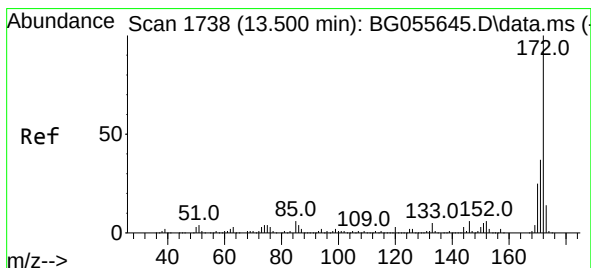
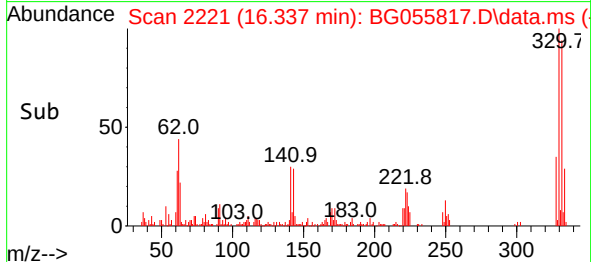
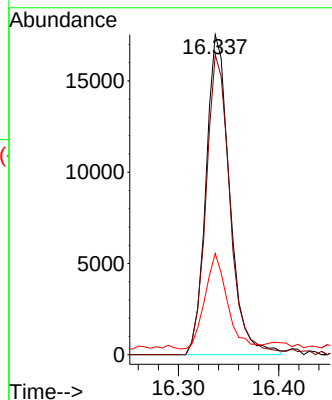
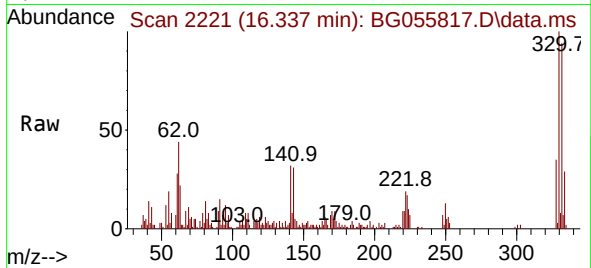




#42
2,4,6-Tribromophenol
Concen: 13.942 ng
RT: 16.337 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055817.D
Acq: 28 Nov 2022 23:17

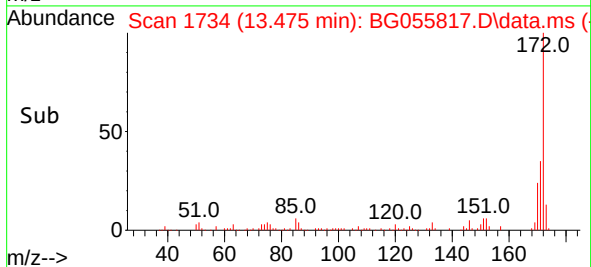
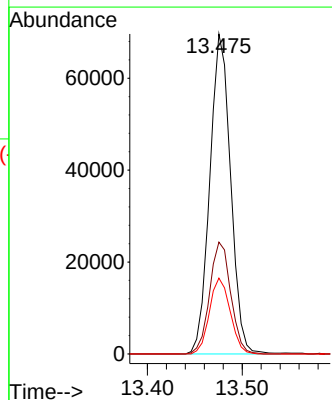
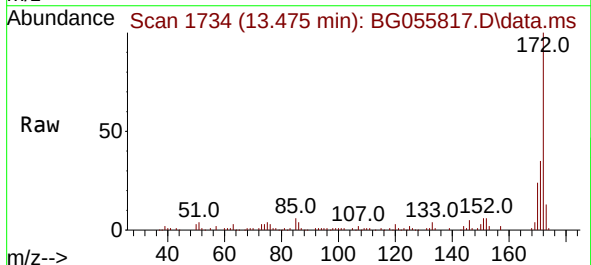
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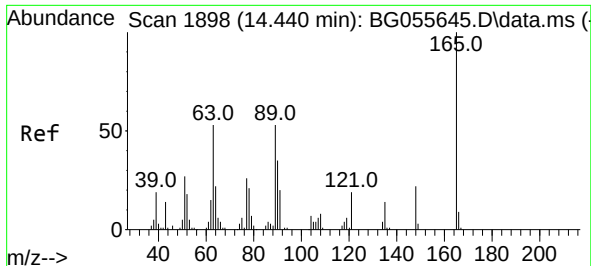
Tgt Ion:330 Resp: 28741
Ion Ratio Lower Upper
330 100
332 94.9 77.8 116.8
141 28.4 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 10.849 ng
RT: 13.475 min Scan# 1734
Delta R.T. -0.008 min
Lab File: BG055817.D
Acq: 28 Nov 2022 23:17

Tgt Ion:172 Resp: 106020
Ion Ratio Lower Upper
172 100
171 35.0 29.8 44.6
170 23.7 20.2 30.4

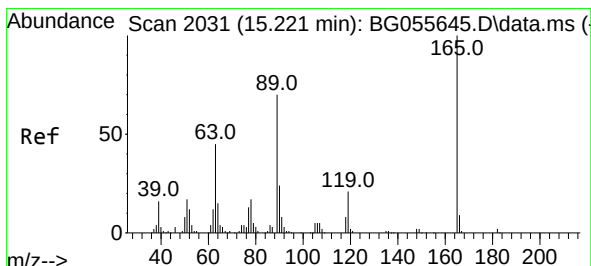
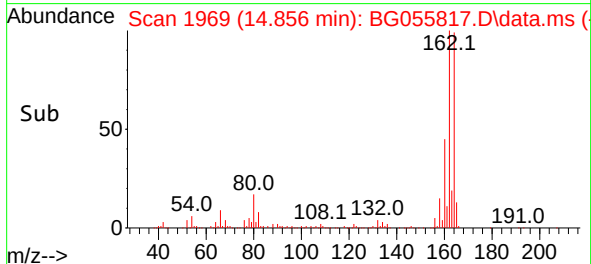
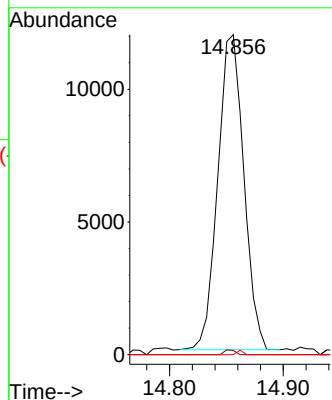
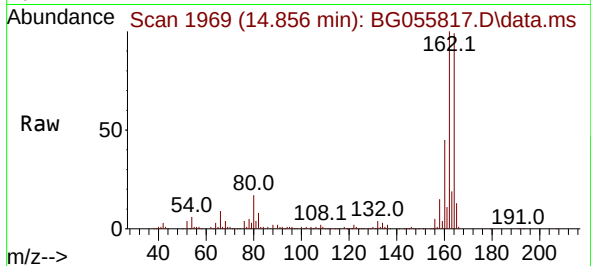




#51
2,6-Dinitrotoluene
Concen: 7.912 ng
RT: 14.856 min Scan# 1969
Delta R.T. 0.432 min
Lab File: BG055817.D
Acq: 28 Nov 2022 23:17

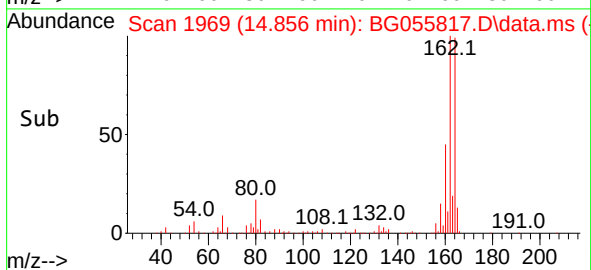
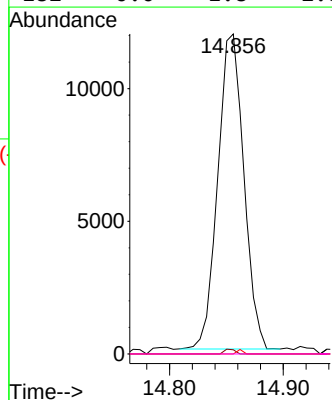
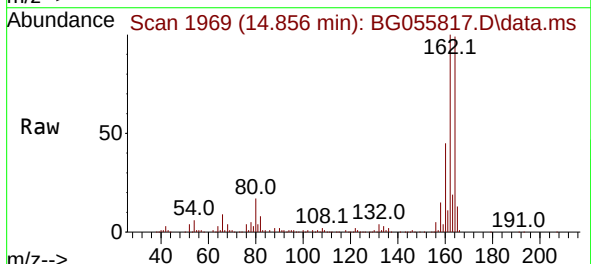
Instrument :
BNA_G
ClientSampleId :
B-16D

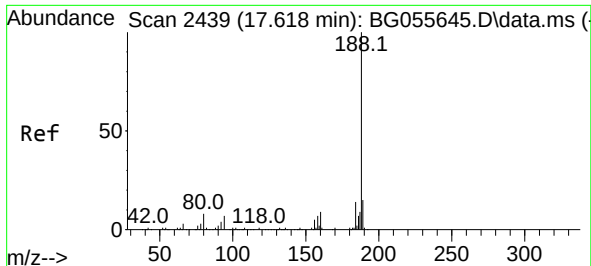
Tgt Ion:165 Resp: 18879
Ion Ratio Lower Upper
165 100
63 1.3 44.6 66.8#
89 0.0 42.2 63.4#



#57
2,4-Dinitrotoluene
Concen: 5.612 ng
RT: 14.856 min Scan# 1969
Delta R.T. -0.355 min
Lab File: BG055817.D
Acq: 28 Nov 2022 23:17

Tgt Ion:165 Resp: 18879
Ion Ratio Lower Upper
165 100
63 1.3 35.8 53.8#
89 0.0 56.2 84.4#
182 0.0 1.8 2.8#

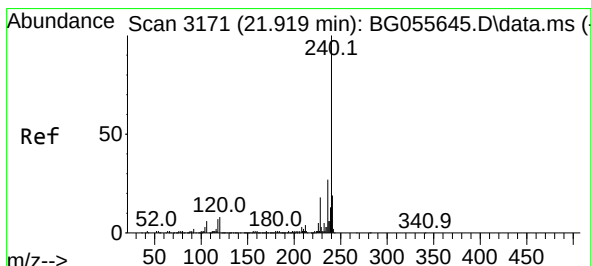
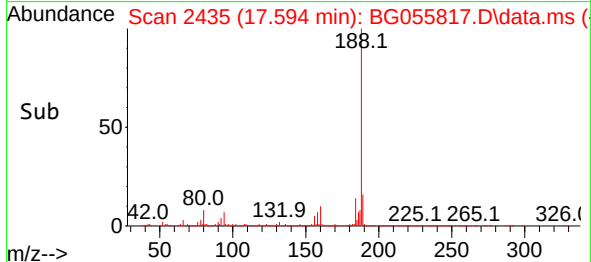
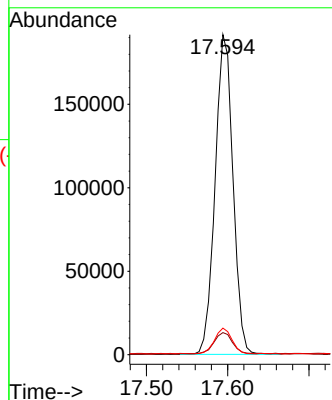
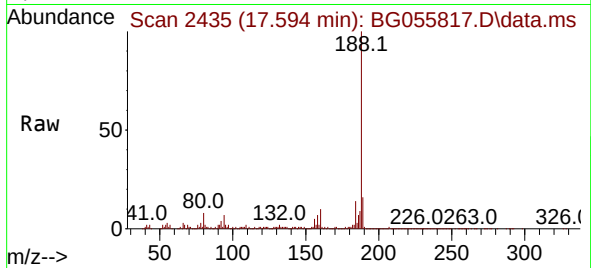




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.594 min Scan# 2435
Delta R.T. -0.003 min
Lab File: BG055817.D
Acq: 28 Nov 2022 23:17

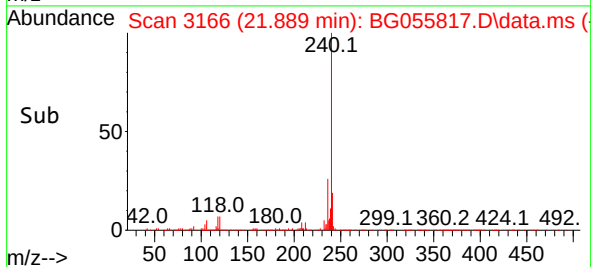
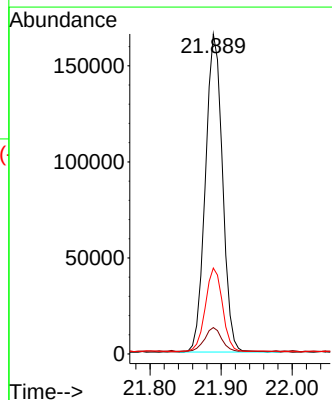
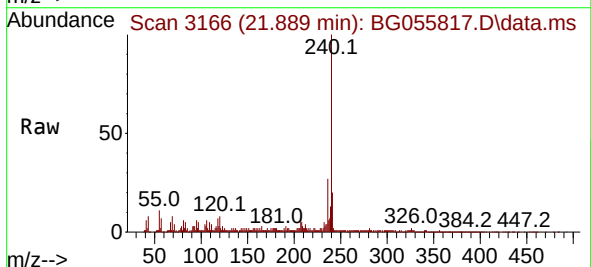
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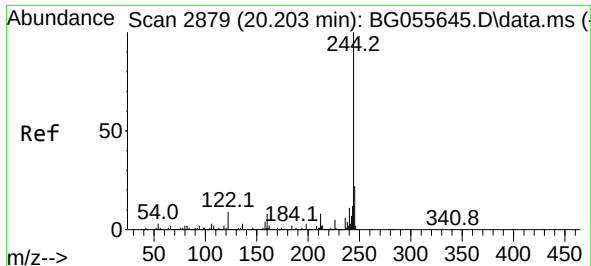
Tgt Ion:188 Resp: 292765
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.2
80 8.3 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.889 min Scan# 3166
Delta R.T. -0.003 min
Lab File: BG055817.D
Acq: 28 Nov 2022 23:17

Tgt Ion:240 Resp: 276894
Ion Ratio Lower Upper
240 100
120 8.2 6.3 9.5
236 26.8 21.9 32.9

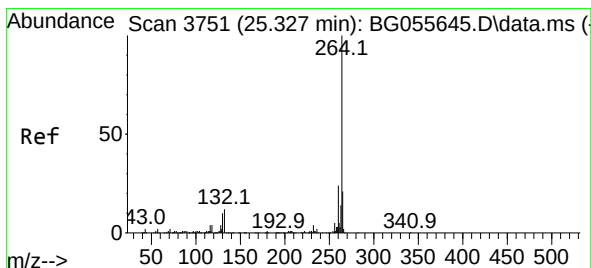
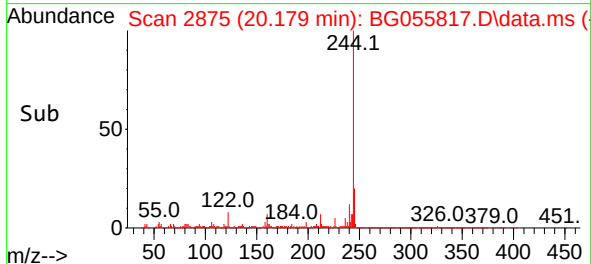
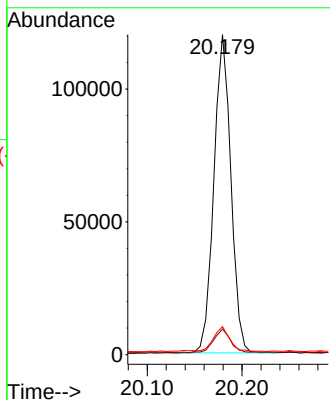
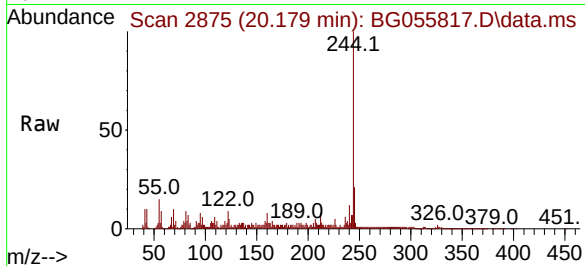




#79
 Terphenyl-d14
 Concen: 10.815 ng
 RT: 20.179 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055817.D
 Acq: 28 Nov 2022 23:17

Instrument :
 BNA_G
 ClientSampleId :
 B-16D

Tgt Ion:244 Resp: 149722
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 8.7 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.297 min Scan# 3746
 Delta R.T. 0.009 min
 Lab File: BG055817.D
 Acq: 28 Nov 2022 23:17

Tgt Ion:264 Resp: 299109
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 22.8 17.1 25.7

