

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
 Data File : BG055445.D
 Acq On : 3 Nov 2022 20:08
 Operator : CG/JU
 Sample : N5306-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221173-COMP-08-MODIFIED-ELUTRIATE

Quant Time: Nov 04 05:31:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 05:28:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	27147	20.000	ng	0.00
21) Naphthalene-d8	11.064	136	107761	20.000	ng	0.00
39) Acenaphthene-d10	14.848	164	76881	20.000	ng	0.00
64) Phenanthrene-d10	17.586	188	186390	20.000	ng	0.00
76) Chrysene-d12	21.858	240	199037	20.000	ng	0.00
86) Perylene-d12	25.224	264	216406	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.759	112	112511	74.429	ng	0.00
7) Phenol-d6	7.380	99	110451	52.689	ng	0.00
23) Nitrobenzene-d5	9.407	82	180953	89.493	ng	0.00
42) 2,4,6-Tribromophenol	16.335	330	157002	149.715	ng	0.00
45) 2-Fluorobiphenyl	13.479	172	466023	89.873	ng	0.00
79) Terphenyl-d14	20.160	244	812691	79.398	ng	0.00

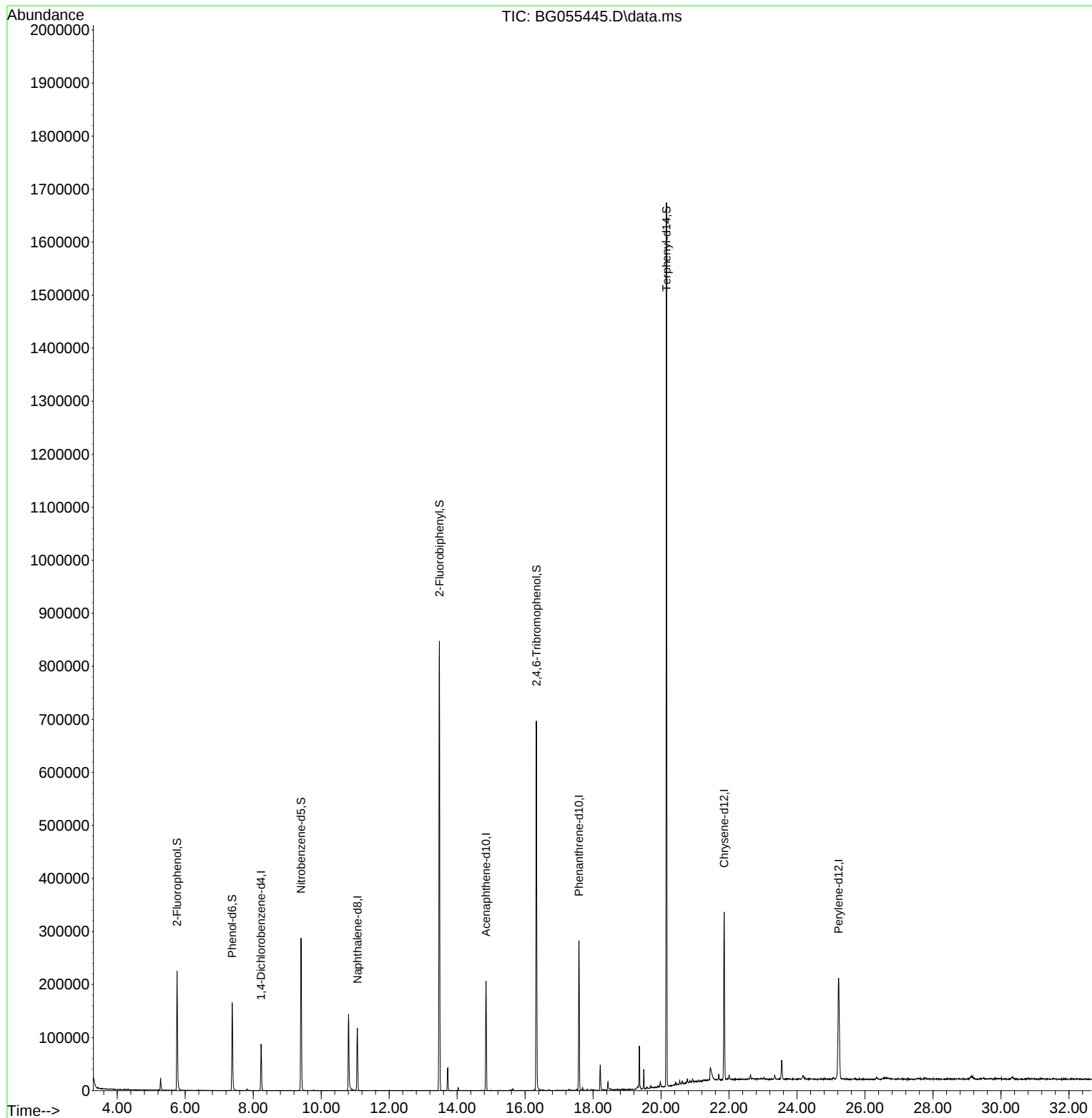
Target Compounds	Qvalue

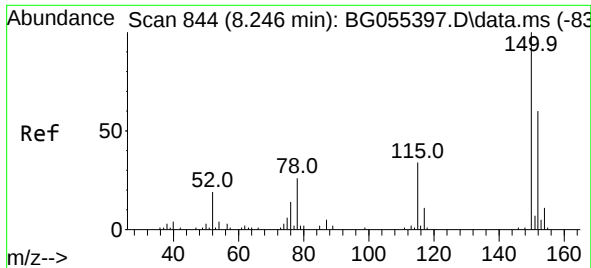
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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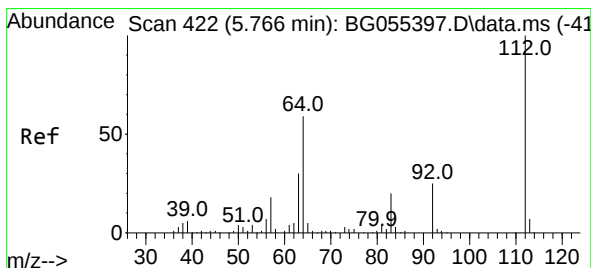
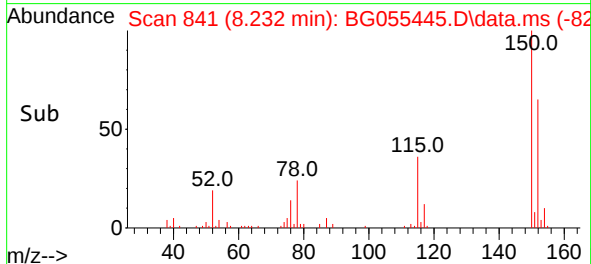
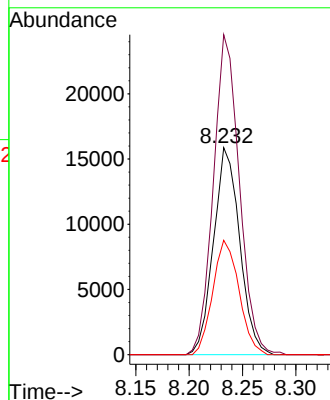
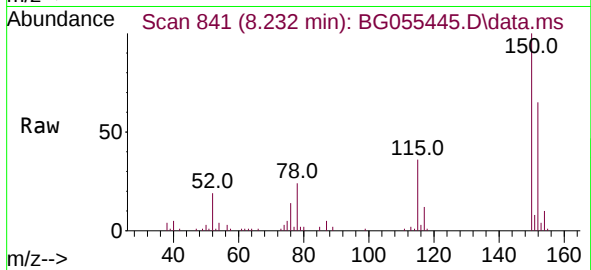




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.232 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

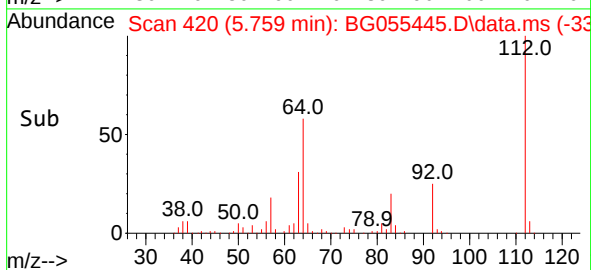
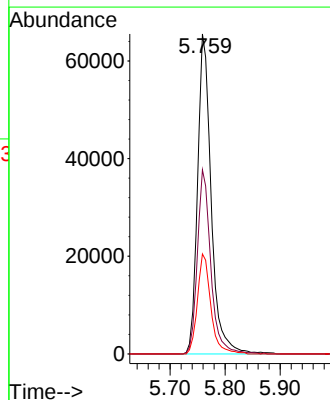
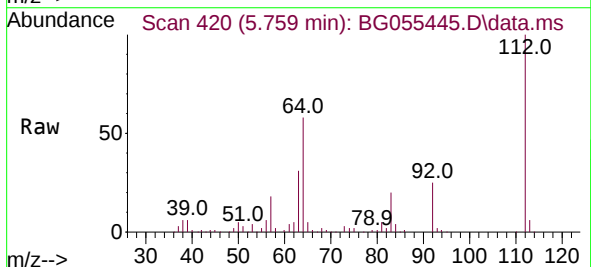
Instrument :
BNA_G
ClientSampleId :
20221173-COMP-08-MODIFIED-ELUTRIATE

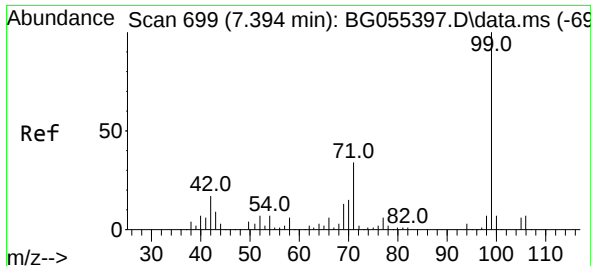
Tgt Ion:152 Resp: 27147
Ion Ratio Lower Upper
152 100
150 154.6 132.8 199.2
115 55.2 45.1 67.7



#5
2-Fluorophenol
Concen: 74.429 ng
RT: 5.759 min Scan# 420
Delta R.T. -0.003 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

Tgt Ion:112 Resp: 112511
Ion Ratio Lower Upper
112 100
64 57.5 47.2 70.8
63 31.3 24.3 36.5

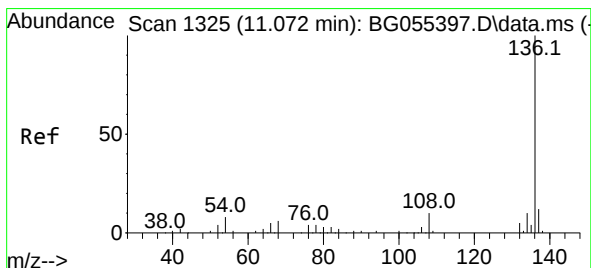
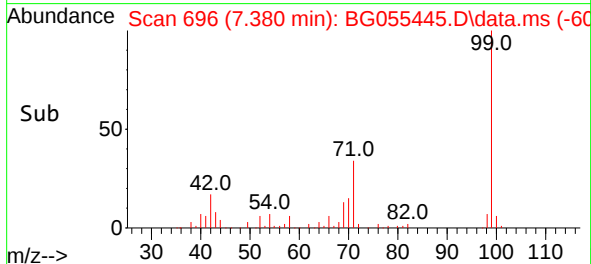
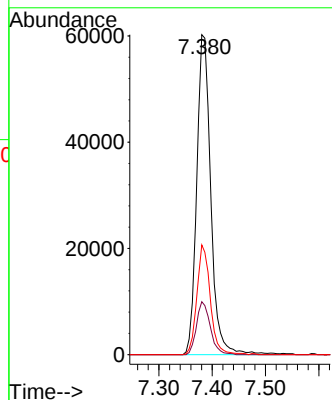
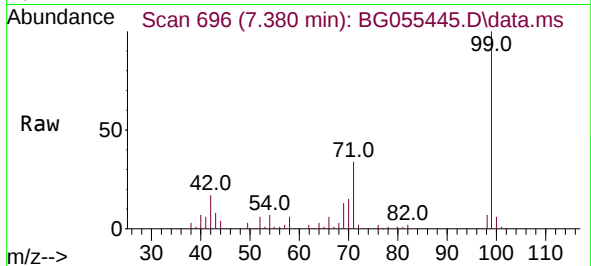




#7
Phenol-d6
Concen: 52.689 ng
RT: 7.380 min Scan# 699
Delta R.T. -0.003 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

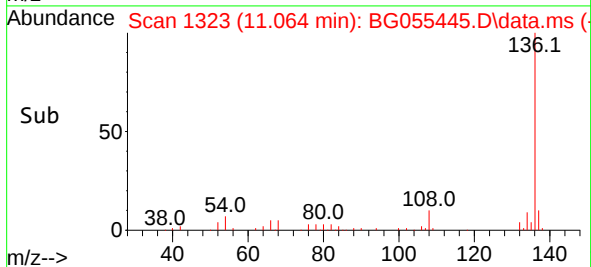
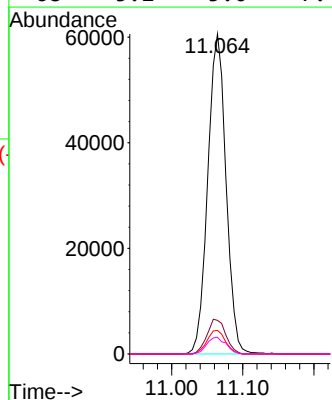
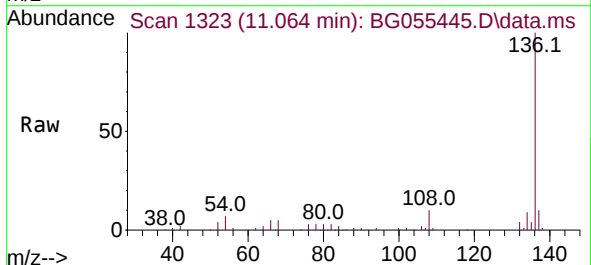
Instrument :
BNA_G
ClientSampleId :
20221173-COMP-08-MODIFIED-ELUTRIATE

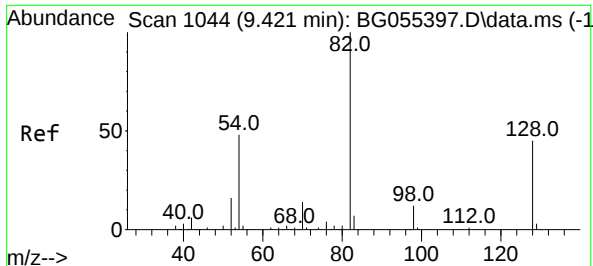
Tgt Ion: 99 Resp: 110451
Ion Ratio Lower Upper
99 100
42 16.5 13.5 20.3
71 34.3 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.064 min Scan# 1323
Delta R.T. -0.003 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

Tgt Ion: 136 Resp: 107761
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.2
54 7.3 6.1 9.1
68 5.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 89.493 ng

RT: 9.407 min Scan# 1041

Delta R.T. -0.003 min

Lab File: BG055445.D

Acq: 3 Nov 2022 20:08

Instrument :

BNA_G

ClientSampleId :

20221173-COMP-08-MODIFIED-ELUTRIATE

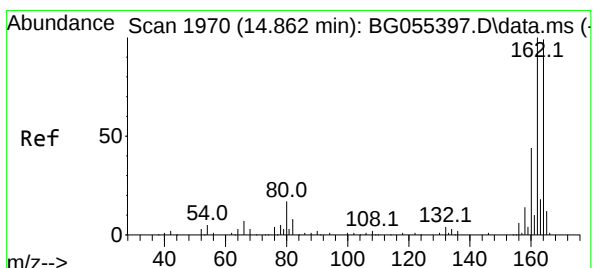
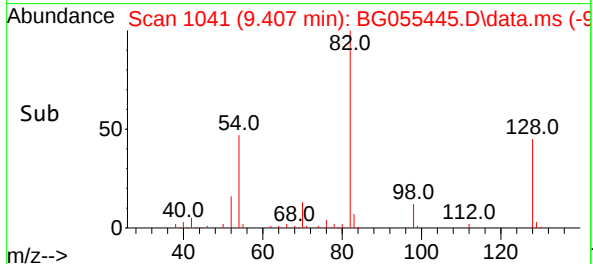
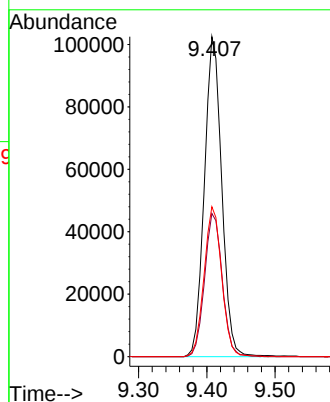
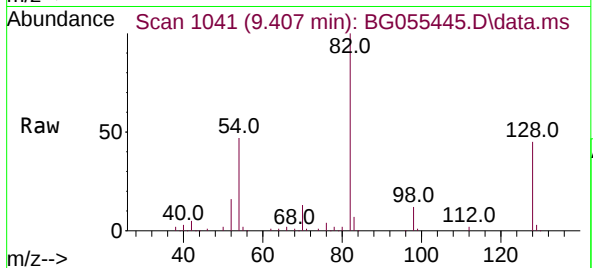
Tgt Ion: 82 Resp: 180953

Ion Ratio Lower Upper

82 100

128 44.7 35.8 53.8

54 46.8 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.848 min Scan# 1967

Delta R.T. -0.009 min

Lab File: BG055445.D

Acq: 3 Nov 2022 20:08

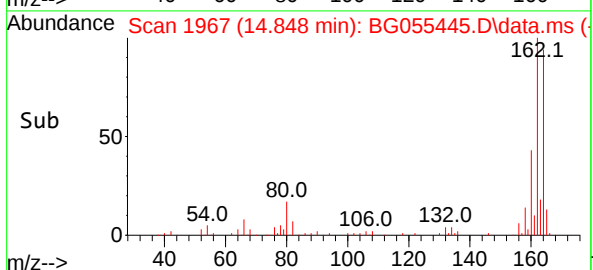
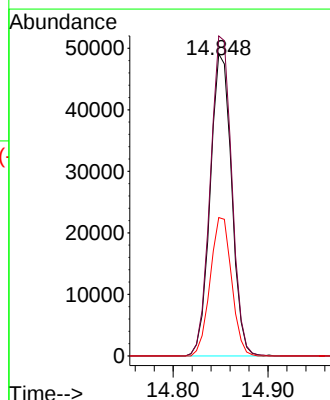
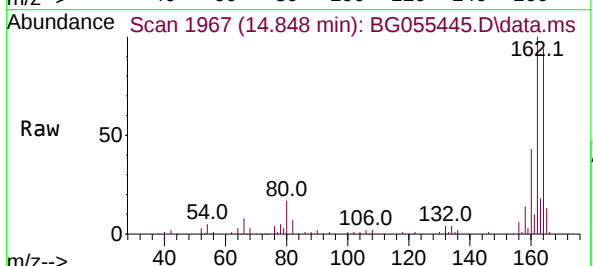
Tgt Ion: 164 Resp: 76881

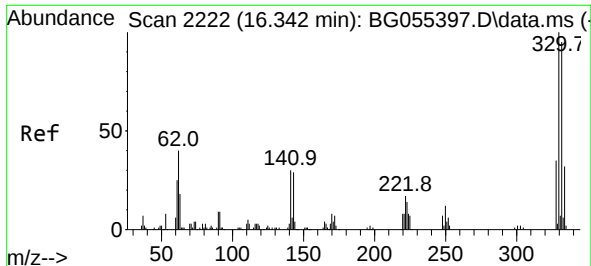
Ion Ratio Lower Upper

164 100

162 106.0 81.1 121.7

160 45.8 35.8 53.6

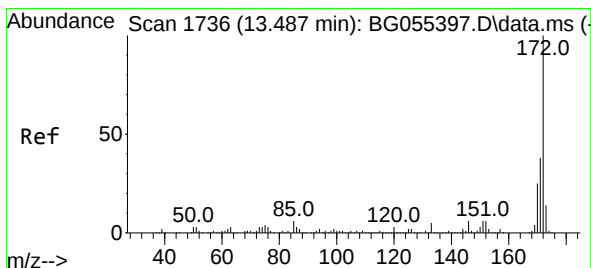
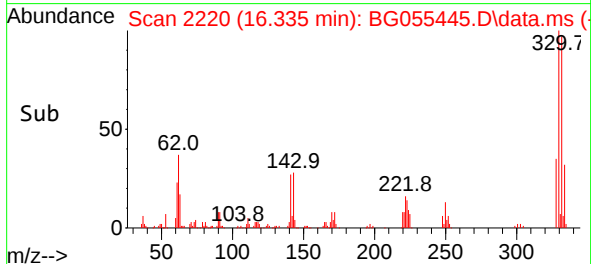
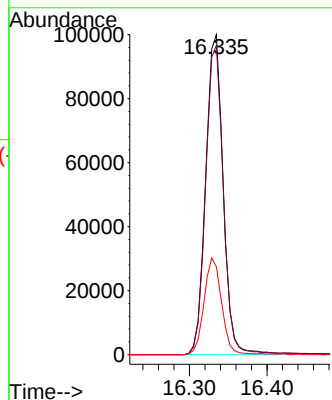
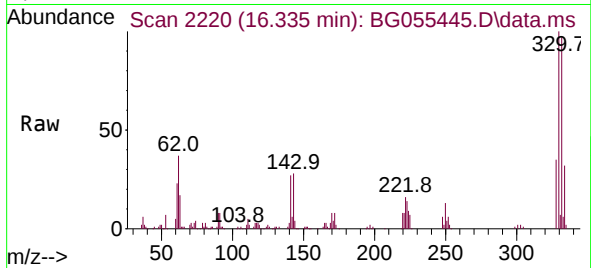




#42
2,4,6-Tribromophenol
Concen: 149.715 ng
RT: 16.335 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

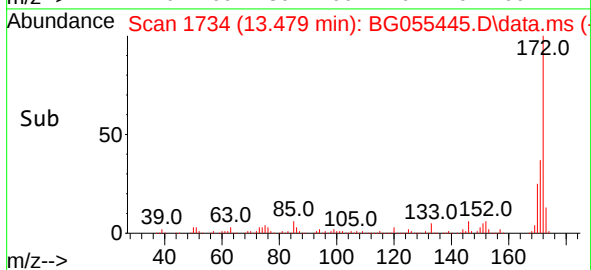
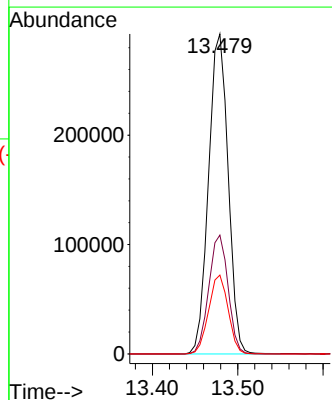
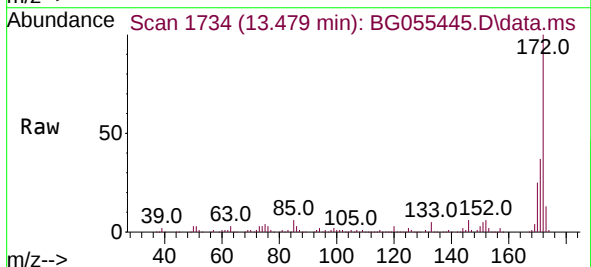
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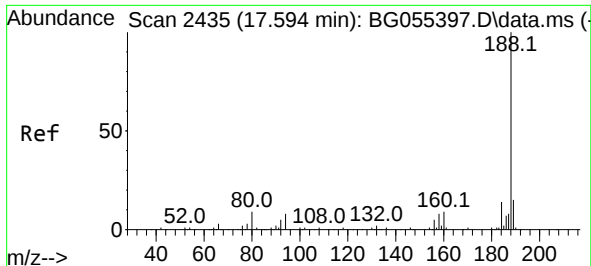
Tgt Ion:330 Resp: 157002
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.6
141 30.1 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 89.873 ng
RT: 13.479 min Scan# 1734
Delta R.T. -0.003 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

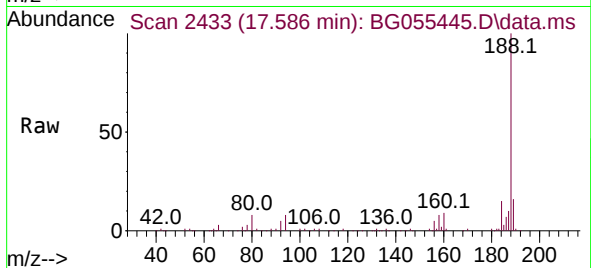
Tgt Ion:172 Resp: 466023
Ion Ratio Lower Upper
172 100
171 37.1 30.2 45.2
170 24.6 20.2 30.2



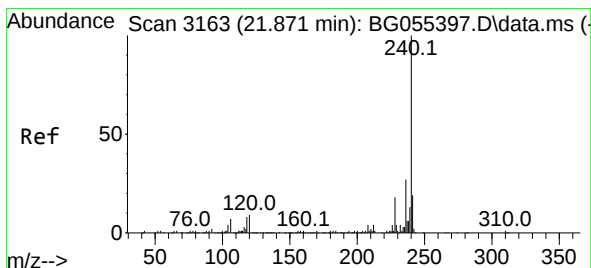
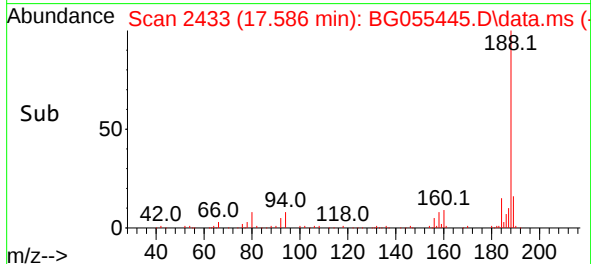
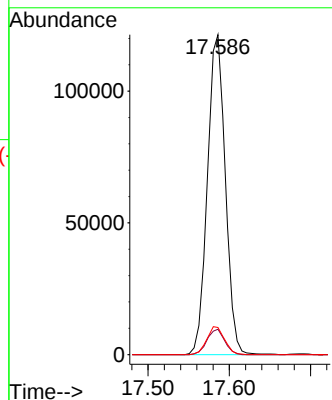


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.586 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

Instrument :
BNA_G
ClientSampleId :
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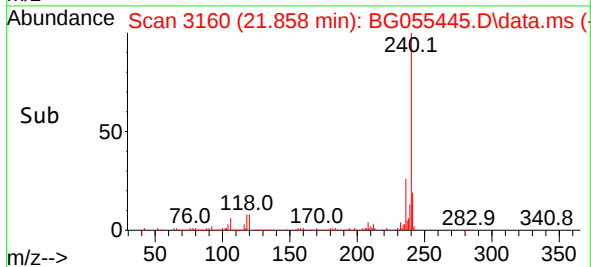
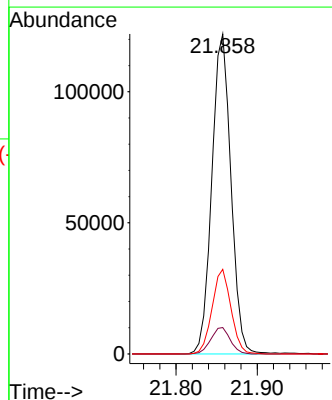
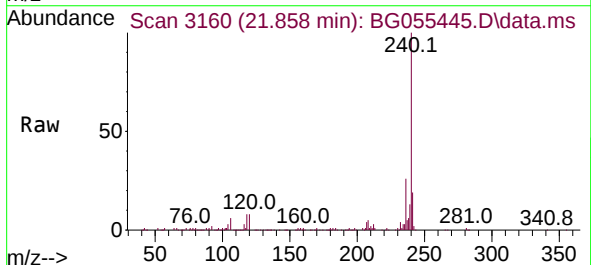


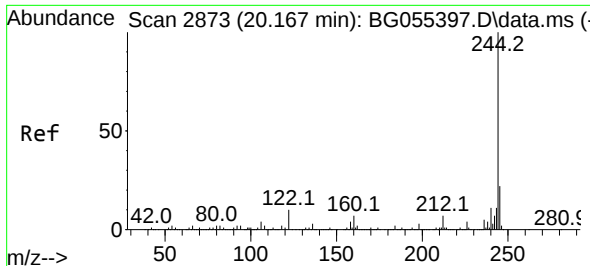
Tgt Ion:188 Resp: 186390
Ion Ratio Lower Upper
188 100
94 7.9 6.5 9.7
80 8.5 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.858 min Scan# 3160
Delta R.T. -0.003 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

Tgt Ion:240 Resp: 199037
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 26.4 21.5 32.3

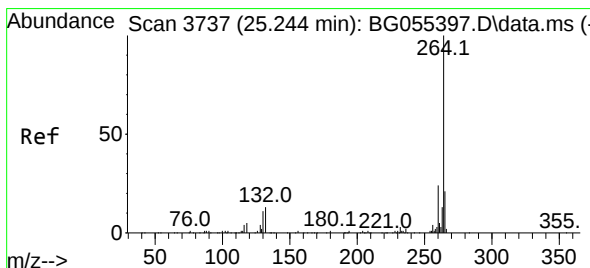
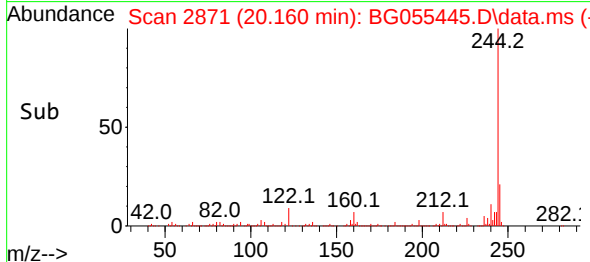
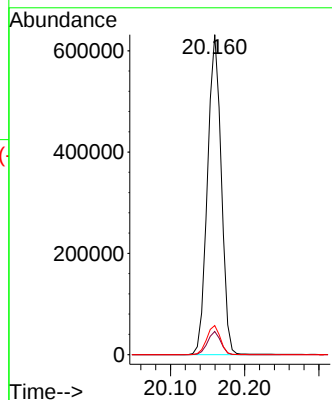
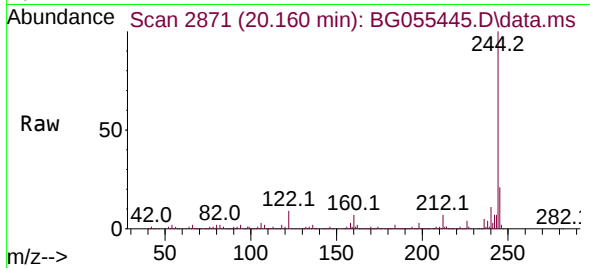




#79
 Terphenyl-d14
 Concen: 79.398 ng
 RT: 20.160 min Scan# 2873
 Delta R.T. -0.003 min
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Tgt Ion:244 Resp: 812691
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.1 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.224 min Scan# 3733
 Delta R.T. -0.009 min
 Lab File: BG055445.D
 Acq: 3 Nov 2022 20:08

Tgt Ion:264 Resp: 216406
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 22.1 17.1 25.7

