

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
 Data File : BG055588.D
 Acq On : 12 Nov 2022 13:45
 Operator : CG/JU
 Sample : N5509-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Nov 14 03:26:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	38085	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	141390	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	98872	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	262494	20.000	ng	0.00
76) Chrysene-d12	21.925	240	287186	20.000	ng	0.00
86) Perylene-d12	25.351	264	299661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	371049	185.571	ng	0.00
7) Phenol-d6	7.407	99	444050	160.773	ng	0.00
23) Nitrobenzene-d5	9.440	82	300851	144.248	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	274536	284.582	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	736167	112.310	ng	0.00
79) Terphenyl-d14	20.215	244	1603257	112.131	ng	0.00

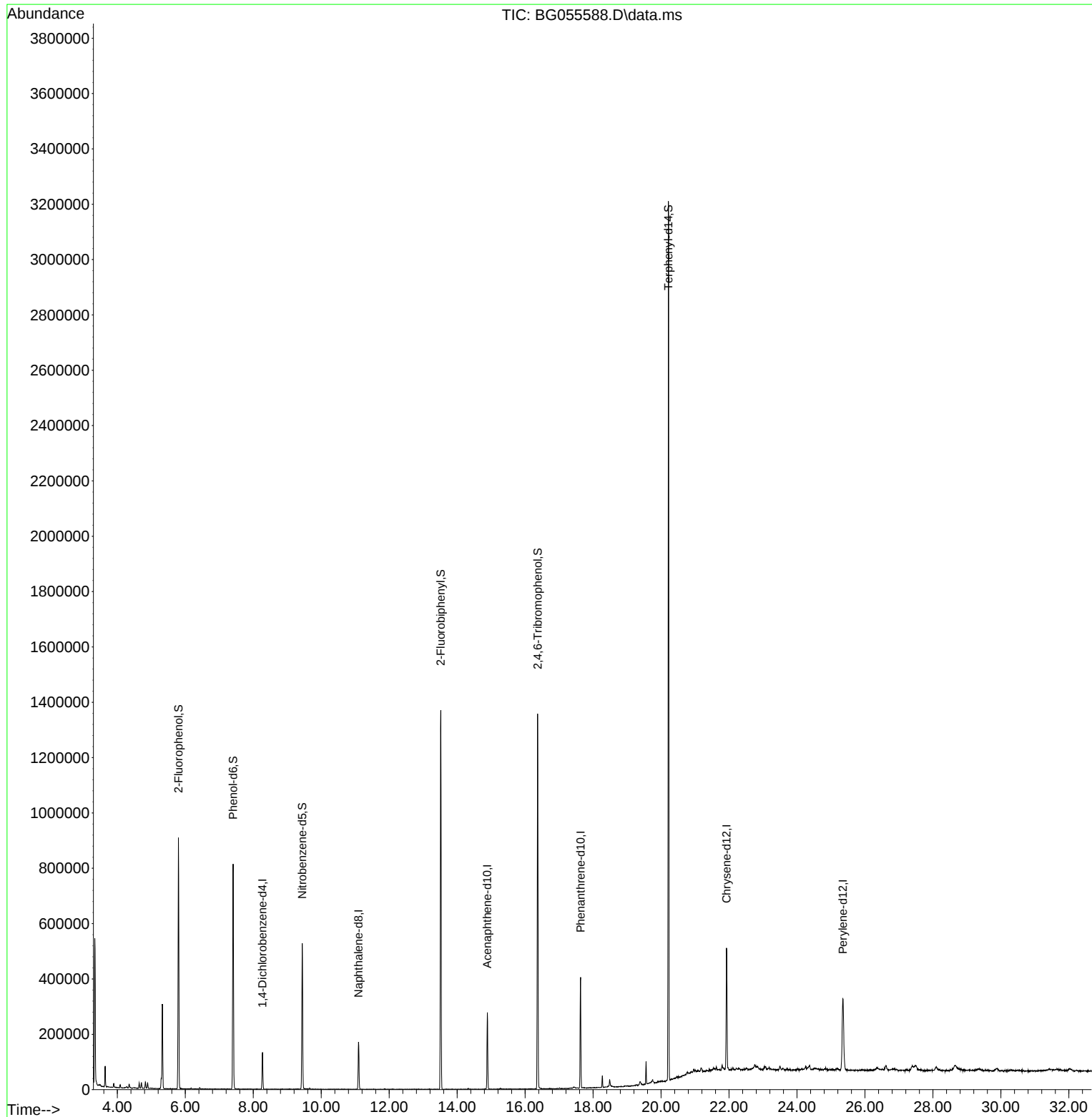
Target Compounds	Qvalue

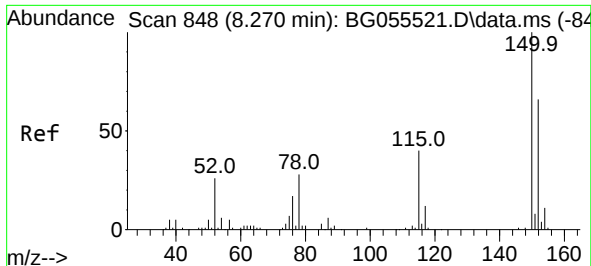
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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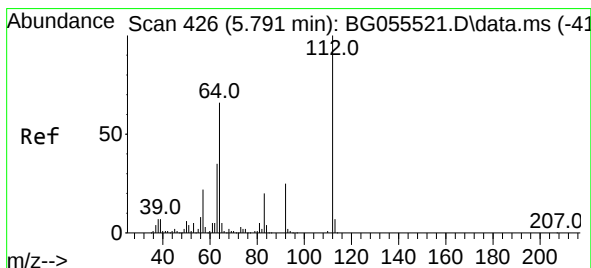
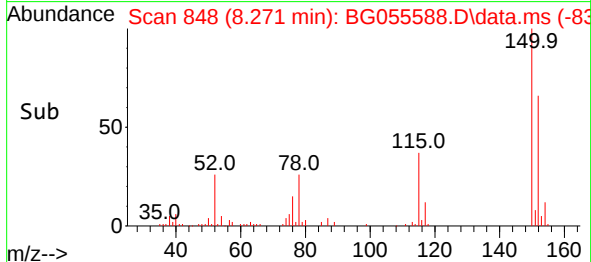
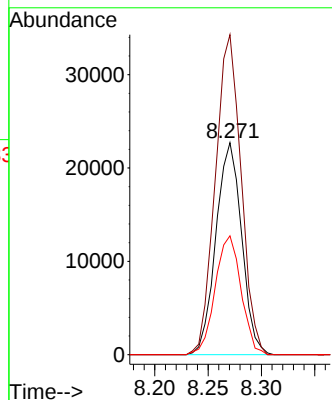
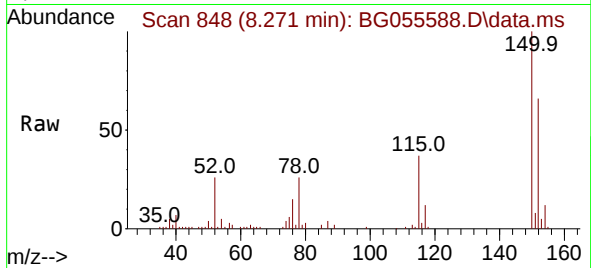




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

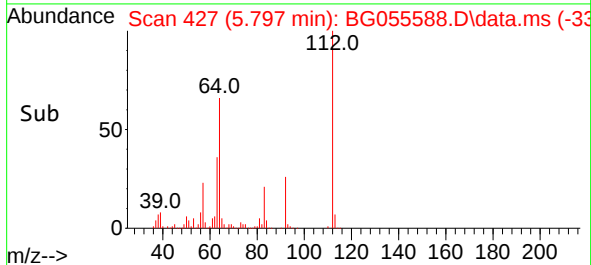
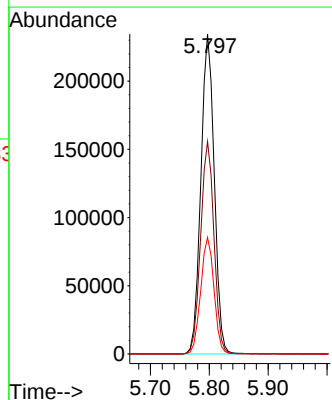
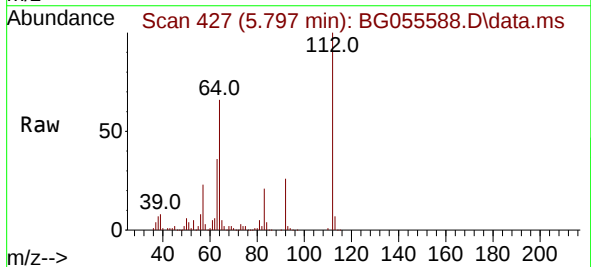
Instrument :
BNA_G
ClientSampleId :
TP-7

Tgt Ion:152 Resp: 38085
Ion Ratio Lower Upper
152 100
150 150.9 121.0 181.4
115 56.1 47.8 71.8



#5
2-Fluorophenol
Concen: 185.571 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

Tgt Ion:112 Resp: 371049
Ion Ratio Lower Upper
112 100
64 66.4 52.6 78.8
63 36.4 28.3 42.5

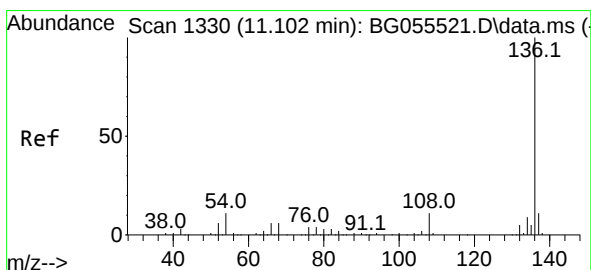
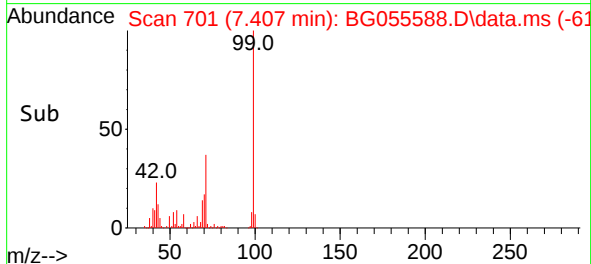
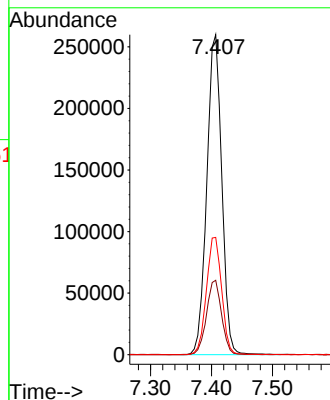
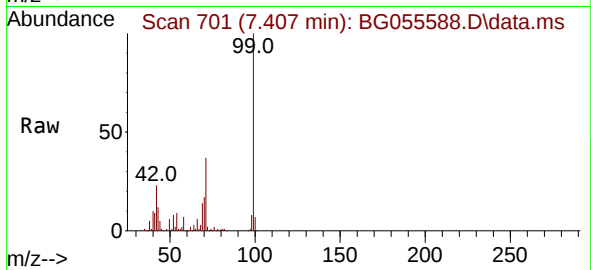




#7
Phenol-d6
Concen: 160.773 ng
RT: 7.407 min Scan# 701
Delta R.T. 0.006 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

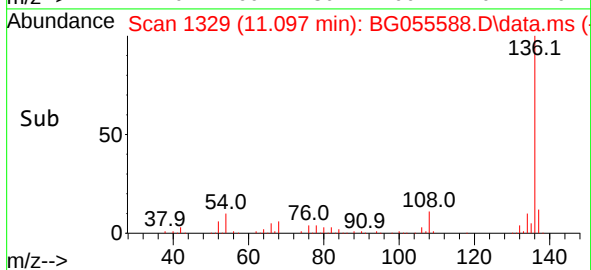
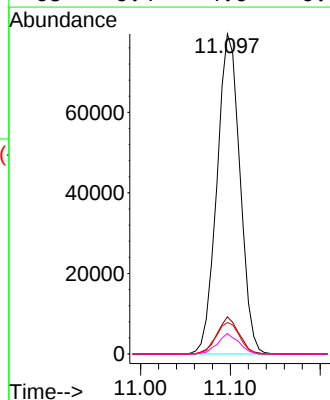
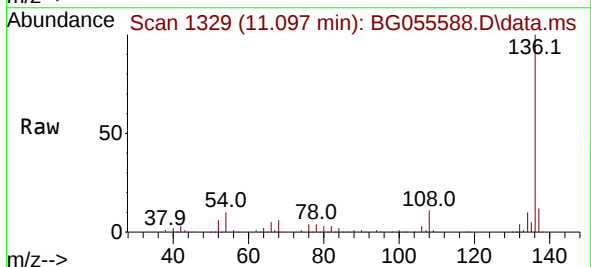
Instrument :
BNA_G
ClientSampleId :
TP-7

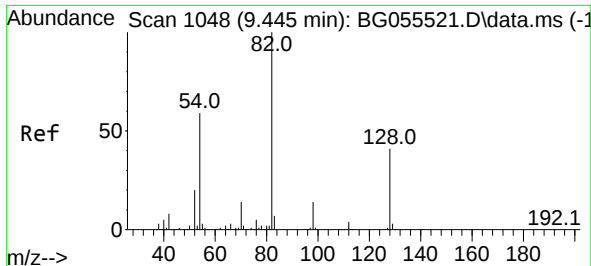
Tgt Ion: 99 Resp: 444050
Ion Ratio Lower Upper
99 100
42 23.3 17.5 26.3
71 36.6 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 1329
Delta R.T. -0.005 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

Tgt Ion: 136 Resp: 141390
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 9.8 8.6 12.8
68 6.4 4.6 6.8

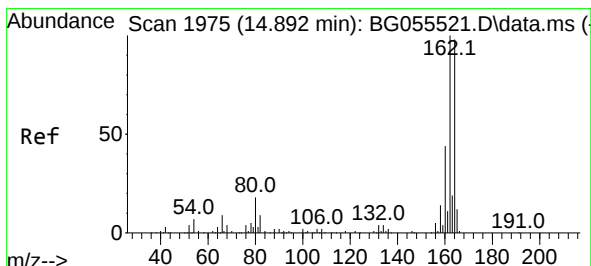
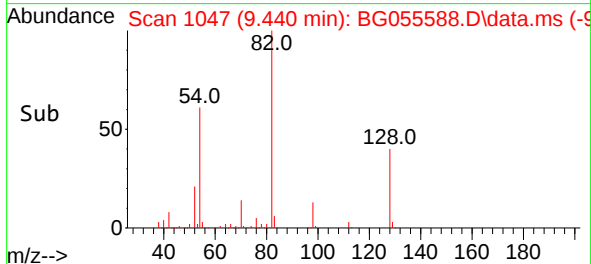
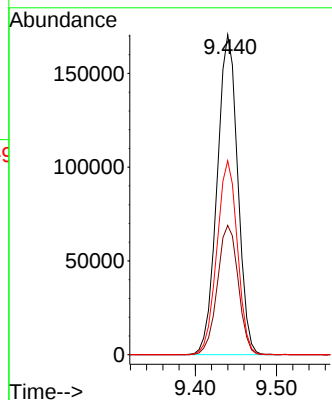
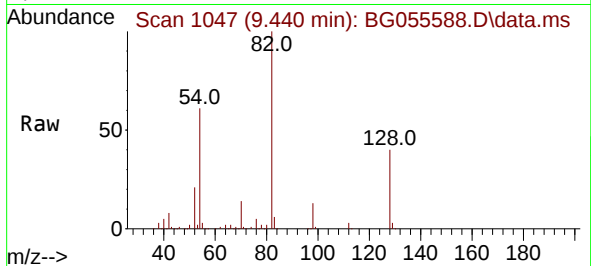




#23
Nitrobenzene-d5
Concen: 144.248 ng
RT: 9.440 min Scan# 1048
Delta R.T. -0.005 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

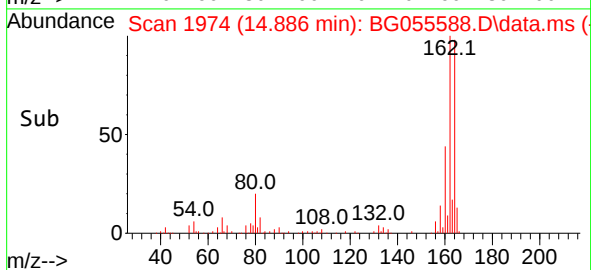
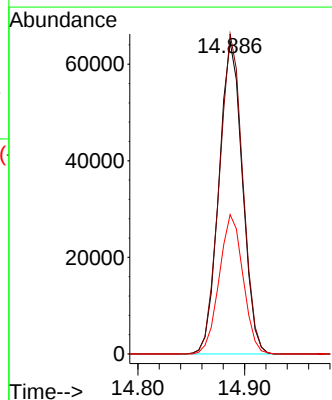
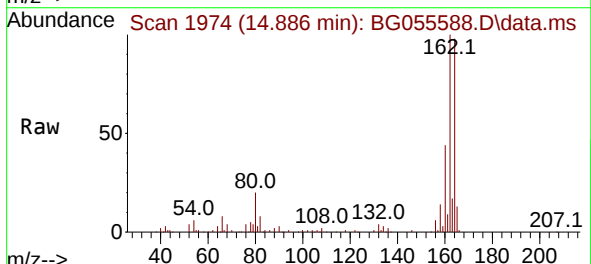
Instrument :
BNA_G
ClientSampleId :
TP-7

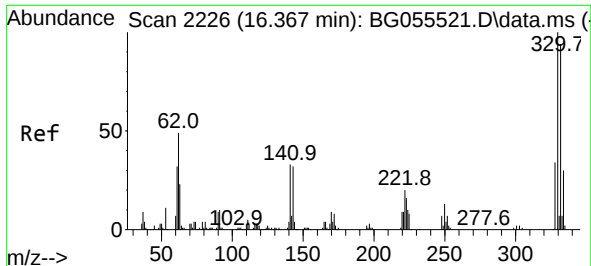
Tgt Ion: 82 Resp: 300851
Ion Ratio Lower Upper
82 100
128 40.4 32.6 49.0
54 60.6 47.3 70.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

Tgt Ion: 164 Resp: 98872
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 44.6 35.9 53.9

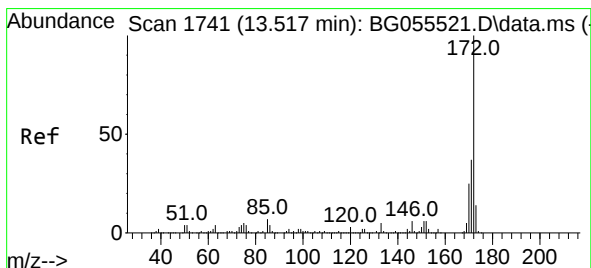
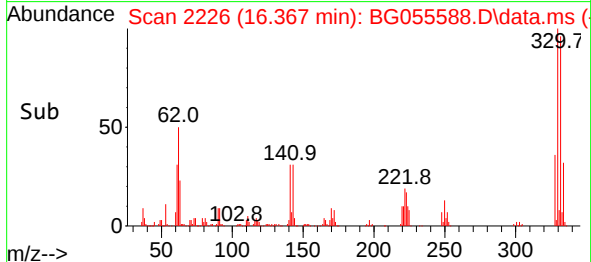
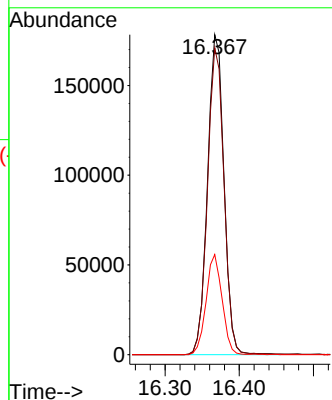
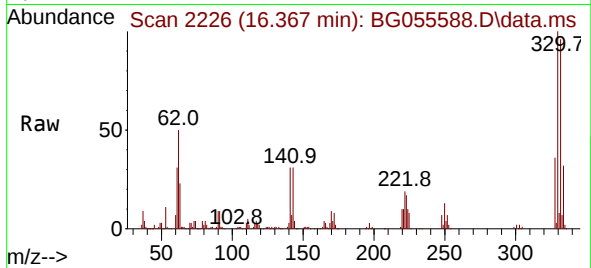




#42
2,4,6-Tribromophenol
Concen: 284.582 ng
RT: 16.367 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

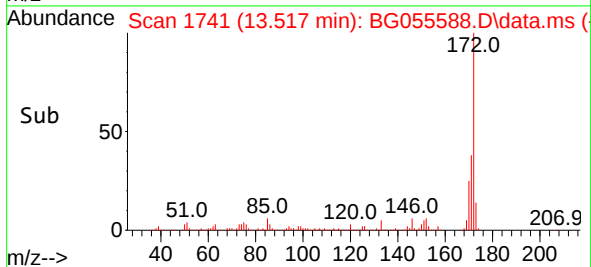
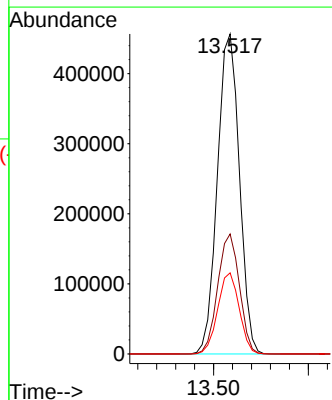
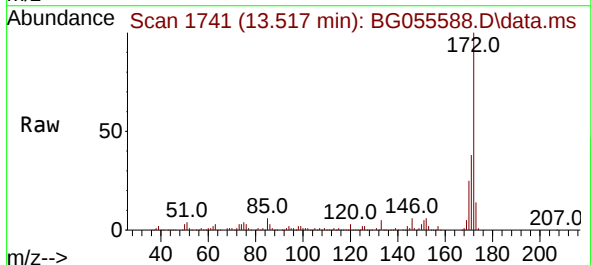
Instrument :
BNA_G
ClientSampleId :
TP-7

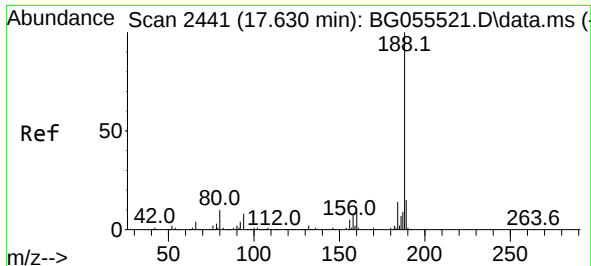
Tgt Ion:330 Resp: 274536
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 30.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 112.310 ng
RT: 13.517 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

Tgt Ion:172 Resp: 736167
Ion Ratio Lower Upper
172 100
171 37.5 29.7 44.5
170 25.3 19.8 29.6

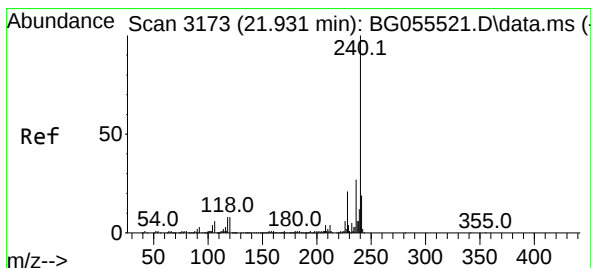
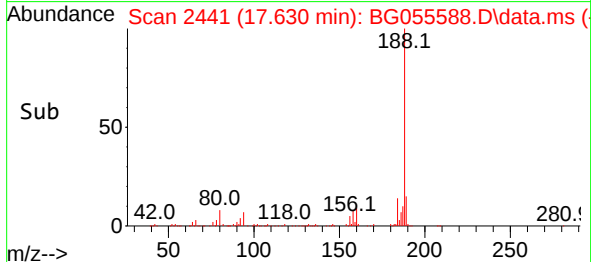
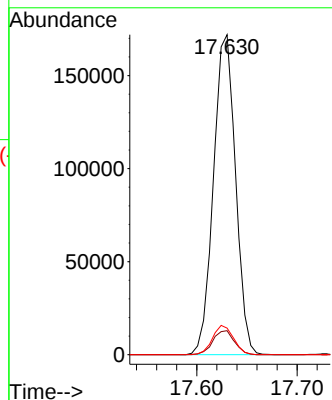
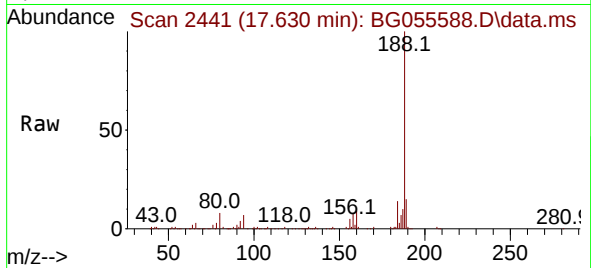




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

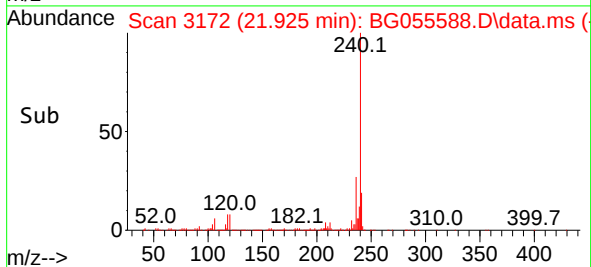
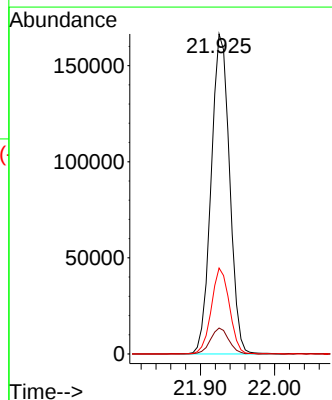
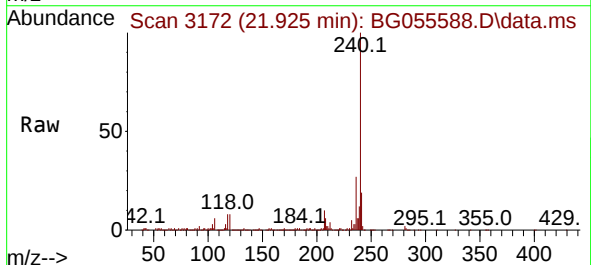
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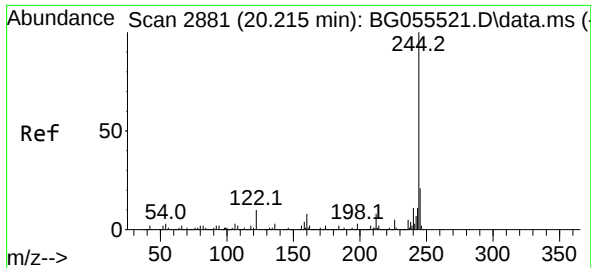
Tgt Ion:188 Resp: 262494
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 8.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. -0.006 min
Lab File: BG055588.D
Acq: 12 Nov 2022 13:45

Tgt Ion:240 Resp: 287186
Ion Ratio Lower Upper
240 100
120 8.1 6.1 9.1
236 26.8 21.4 32.0

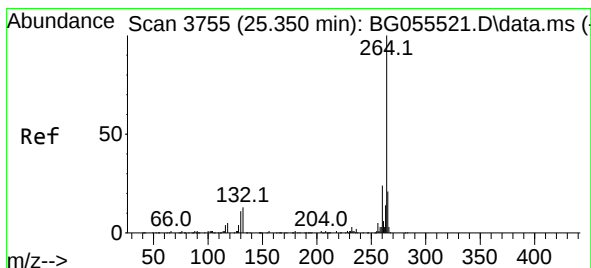
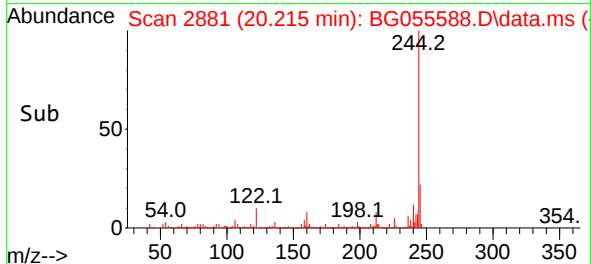
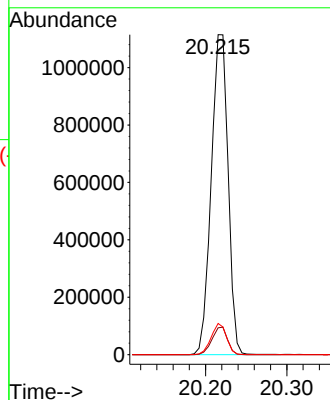
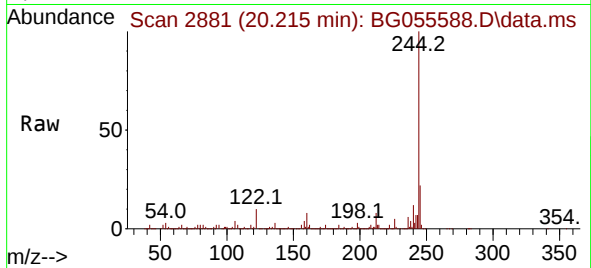




#79
 Terphenyl-d14
 Concen: 112.131 ng
 RT: 20.215 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG055588.D
 Acq: 12 Nov 2022 13:45

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tgt Ion:244 Resp: 1603257
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 9.8 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.351 min Scan# 3755
 Delta R.T. 0.001 min
 Lab File: BG055588.D
 Acq: 12 Nov 2022 13:45

Tgt Ion:264 Resp: 299661
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 22.0 17.1 25.7

