

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102921\
 Data File : BG050788.D
 Acq On : 29 Oct 2021 22:06
 Operator : CG/JU
 Sample : M4406-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 280243

Quant Time: Oct 30 01:39:09 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	36332	20.000	ng	-0.02
21) Naphthalene-d8	11.068	136	157769	20.000	ng	#-0.02
39) Acenaphthene-d10	14.887	164	96884	20.000	ng	0.01
64) Phenanthrene-d10	17.660	188	172410	20.000	ng	# 0.04
76) Chrysene-d12	21.949	240	153550	20.000	ng	# 0.02
86) Perylene-d12	25.345	264	165813	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.780	112	260413	107.194	ng	-0.01
7) Phenol-d6	7.389	99	356041	101.226	ng	-0.01
23) Nitrobenzene-d5	9.417	82	267941	70.303	ng	-0.01
42) 2,4,6-Tribromophenol	16.385	330	110882	119.989	ng	0.02
45) 2-Fluorobiphenyl	13.494	172	455524	70.763	ng	-0.01
79) Terphenyl-d14	20.245	244	648591	82.318	ng	0.04

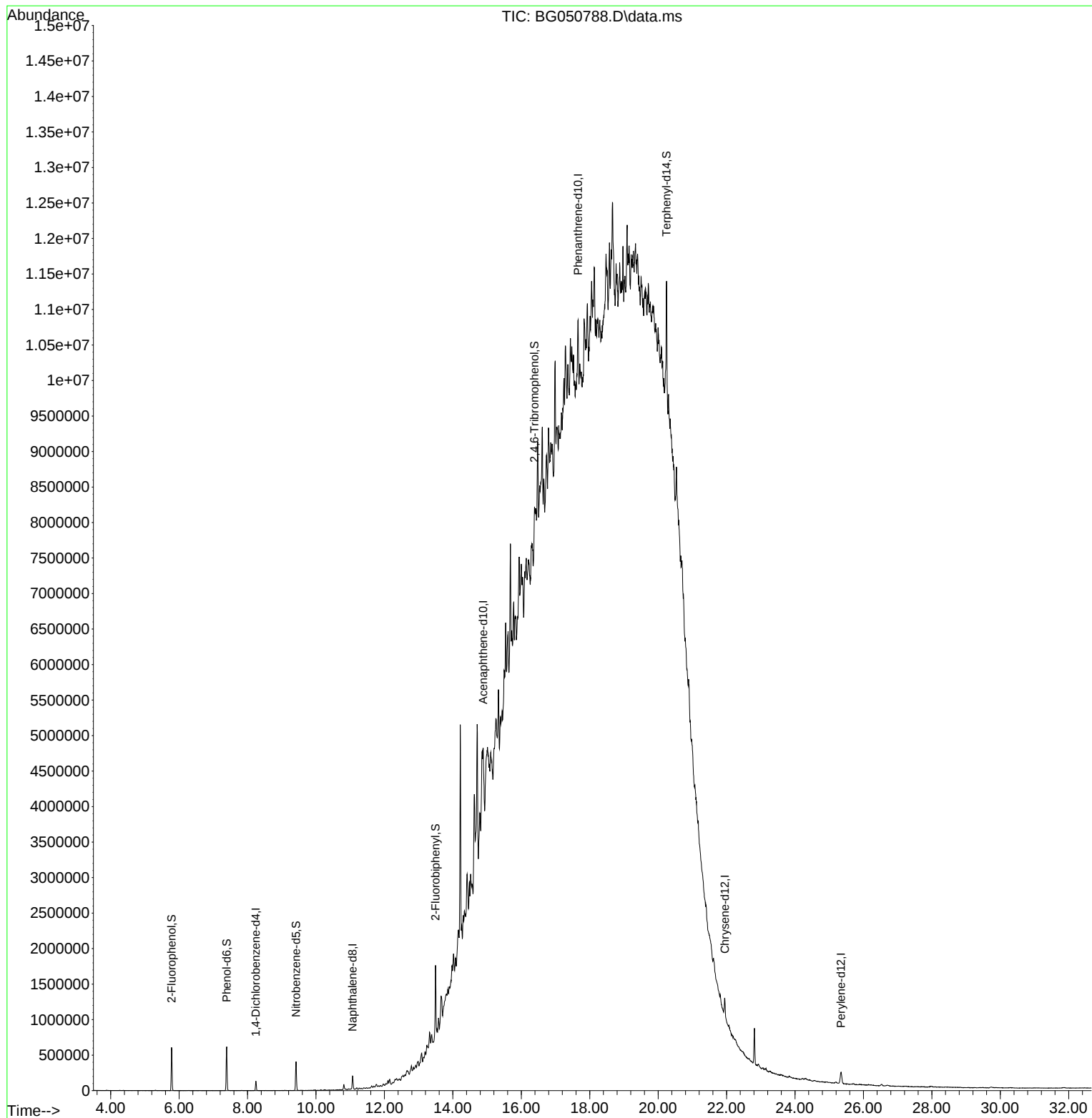
Target Compounds	Qvalue

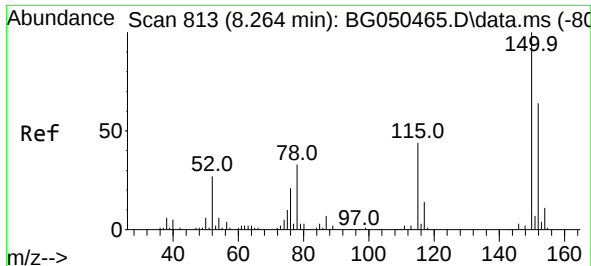
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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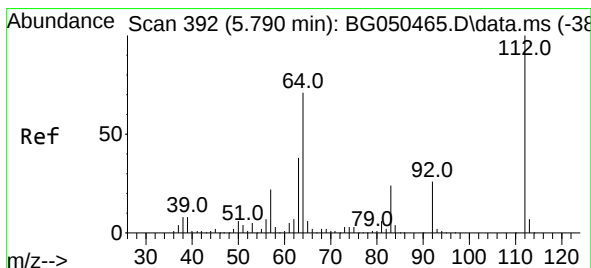
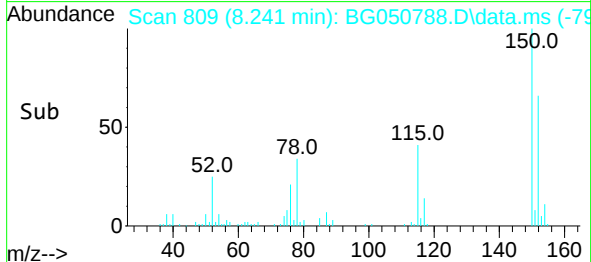
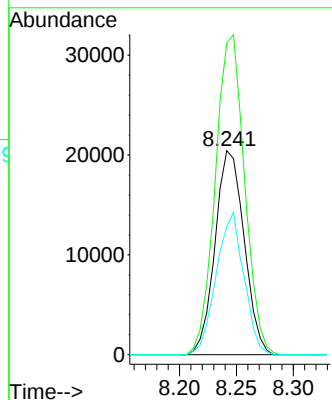
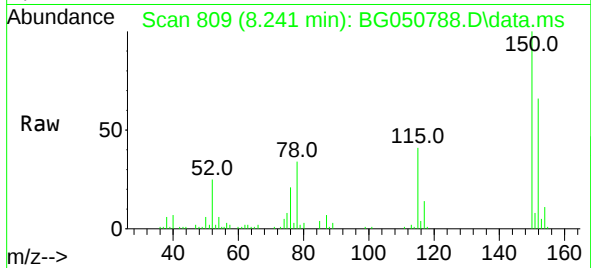




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 809
Delta R.T. -0.017 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

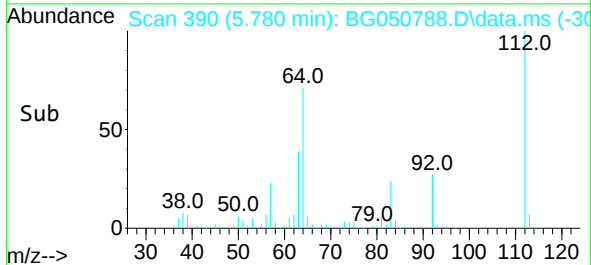
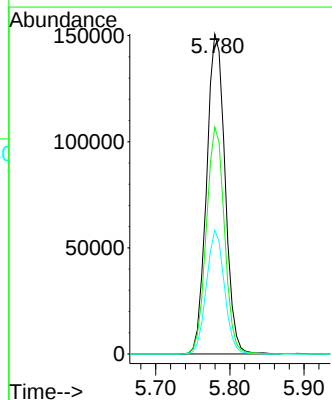
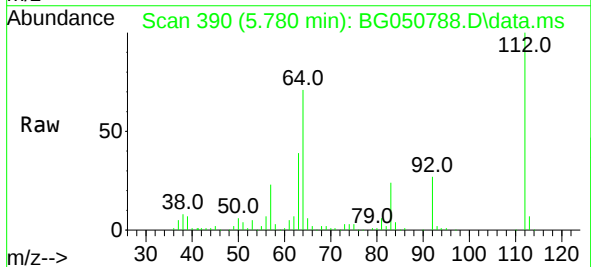
Instrument :
BNA_G
ClientSampleId :
280243

Tgt Ion:152 Resp: 36332
Ion Ratio Lower Upper
152 100
150 152.6 119.4 179.0
115 62.8 60.2 90.4



#5
2-Fluorophenol
Concen: 107.194 ng
RT: 5.780 min Scan# 390
Delta R.T. -0.011 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

Tgt Ion:112 Resp: 260413
Ion Ratio Lower Upper
112 100
64 70.9 46.7 70.1#
63 38.7 35.3 52.9

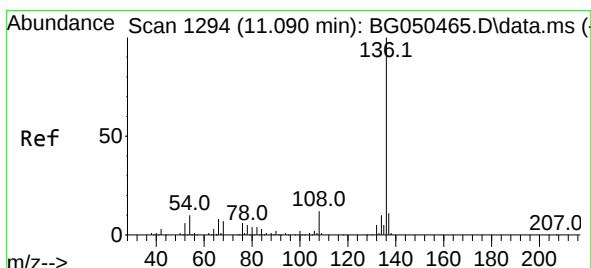
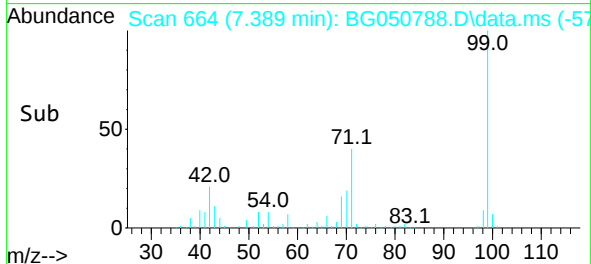
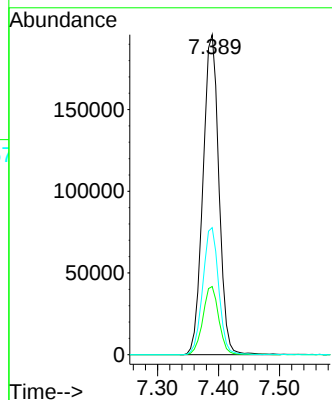
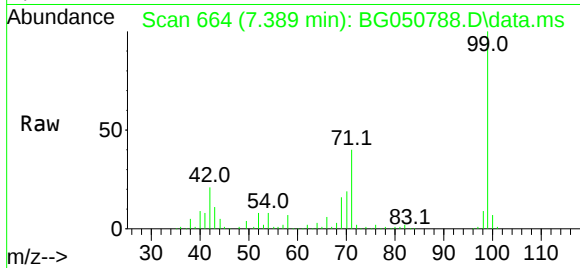




#7
Phenol-d6
Concen: 101.226 ng
RT: 7.389 min Scan# 664
Delta R.T. -0.011 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

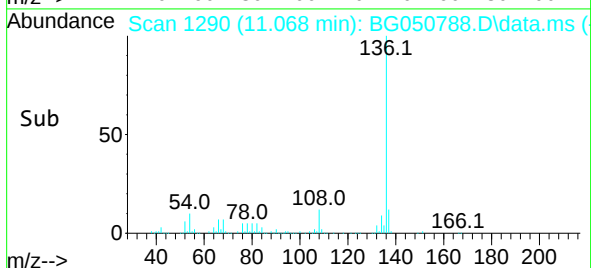
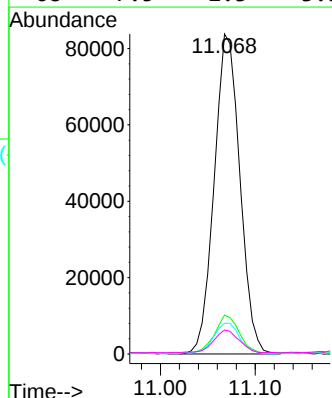
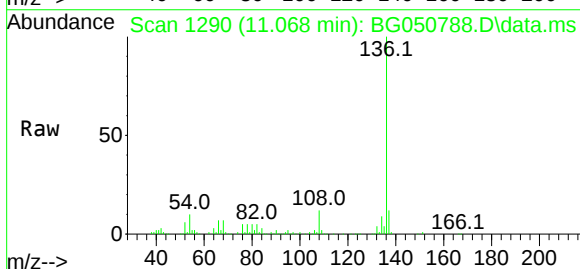
Instrument :
BNA_G
ClientSampled :
280243

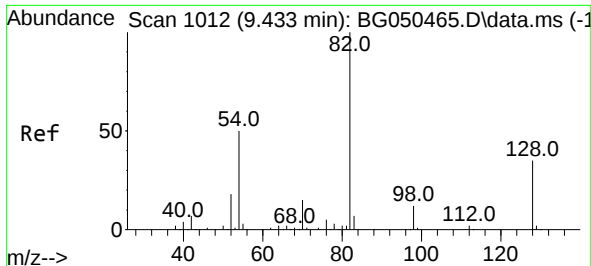
Tgt Ion: 99 Resp: 356041
Ion Ratio Lower Upper
99 100
42 21.3 20.5 30.7
71 39.7 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.068 min Scan# 1290
Delta R.T. -0.017 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

Tgt Ion: 136 Resp: 157769
Ion Ratio Lower Upper
136 100
137 12.1 8.2 12.2
54 9.6 5.5 8.3#
68 7.5 2.3 3.5#

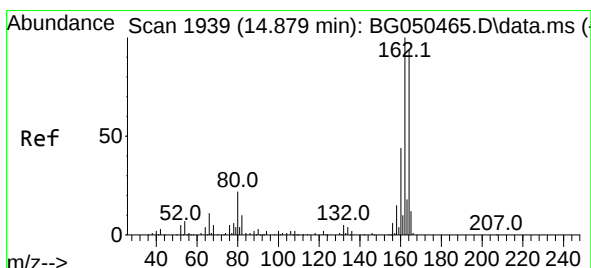
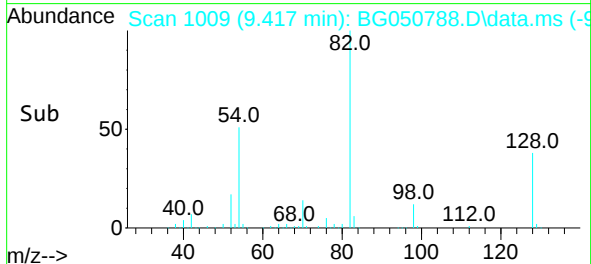
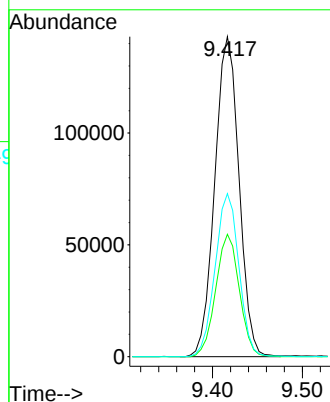
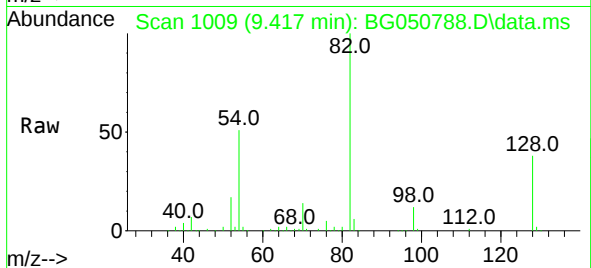




#23
Nitrobenzene-d5
Concen: 70.303 ng
RT: 9.417 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

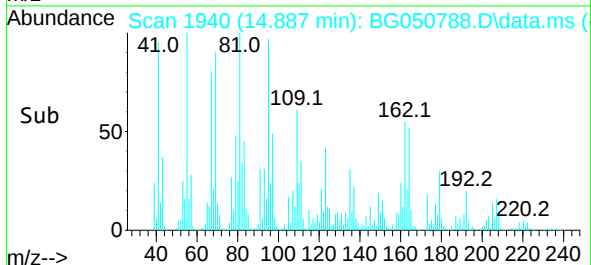
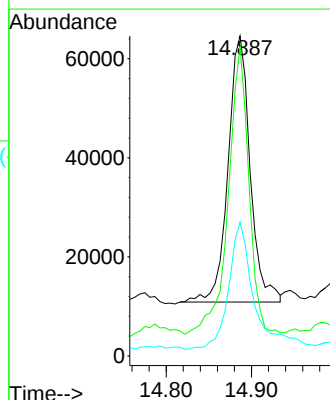
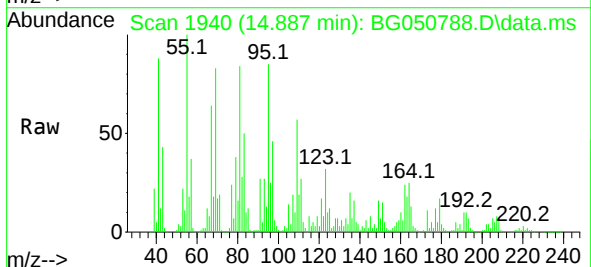
Instrument :
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ClientSampleId :
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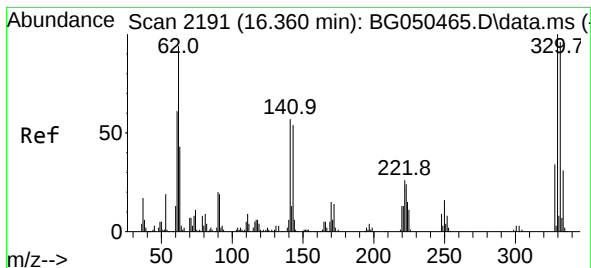
Tgt Ion: 82 Resp: 267941
Ion Ratio Lower Upper
82 100
128 38.3 29.8 44.6
54 51.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.887 min Scan# 1940
Delta R.T. 0.012 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

Tgt Ion:164 Resp: 96884
Ion Ratio Lower Upper
164 100
162 96.8 81.4 122.0
160 41.8 34.9 52.3

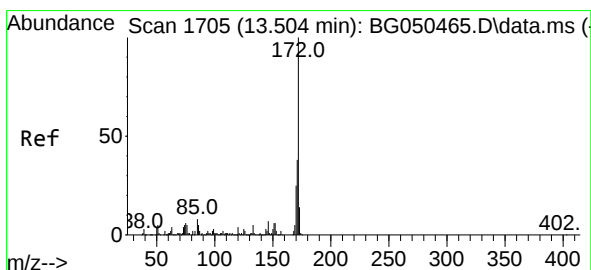
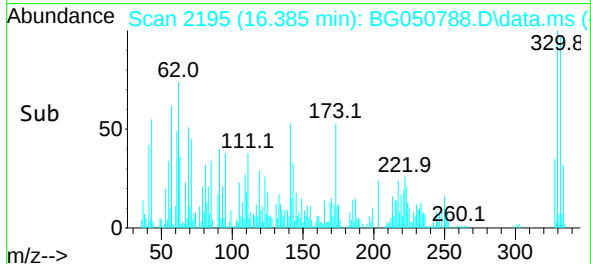
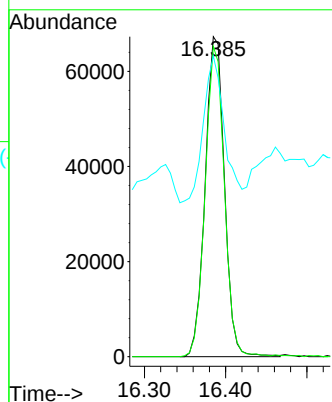
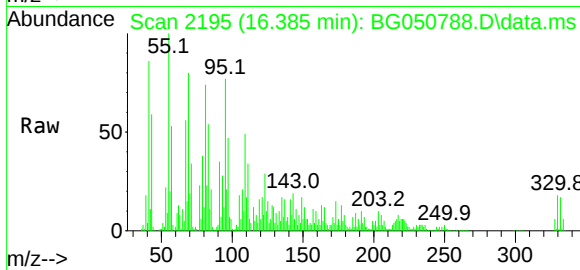




#42
2,4,6-Tribromophenol
Concen: 119.989 ng
RT: 16.385 min Scan# 2195
Delta R.T. 0.024 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

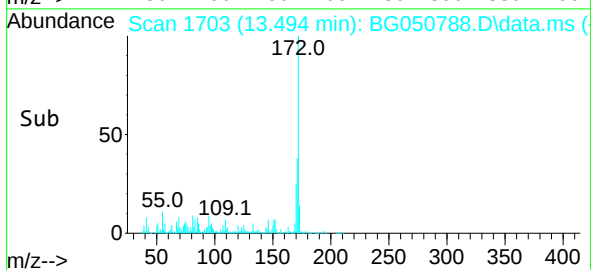
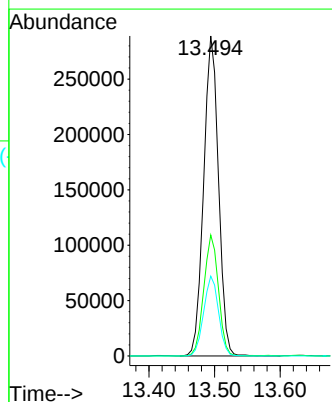
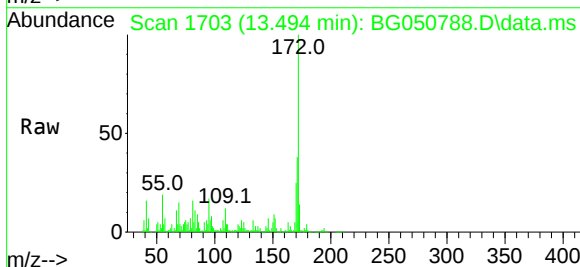
Instrument :
BNA_G
ClientSampleId :
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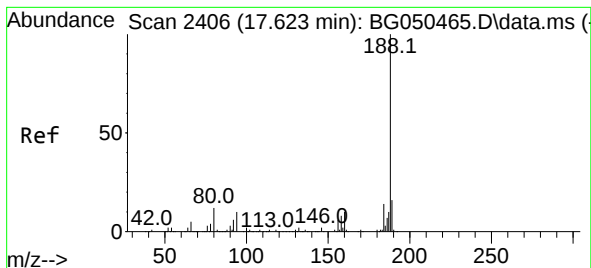
Tgt Ion:330 Resp: 110882
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 48.1 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 70.763 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

Tgt Ion:172 Resp: 455524
Ion Ratio Lower Upper
172 100
171 37.8 28.6 43.0
170 24.9 18.6 27.8

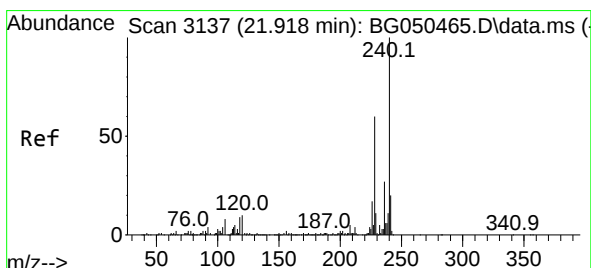
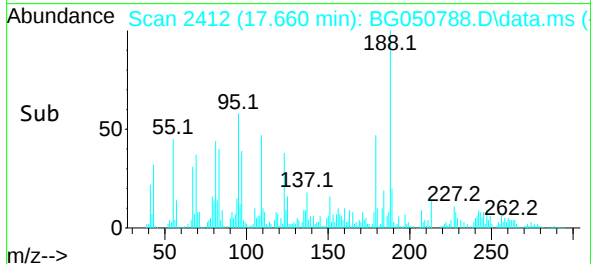
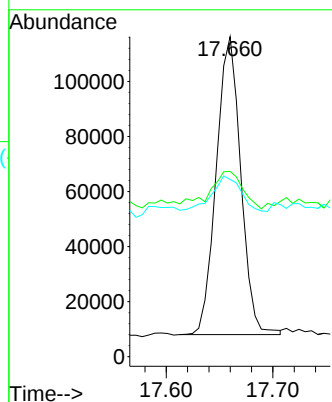
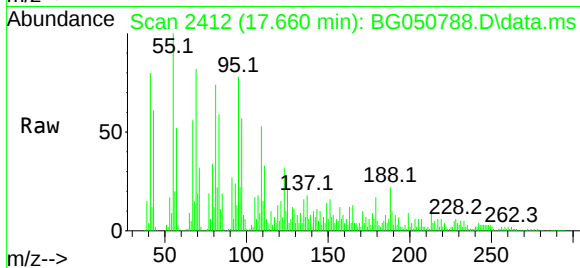




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.660 min Scan# 2412
Delta R.T. 0.042 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

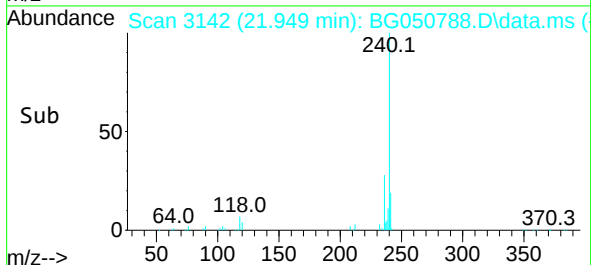
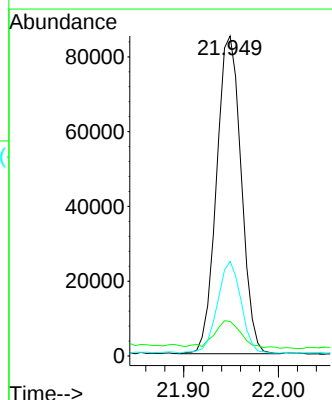
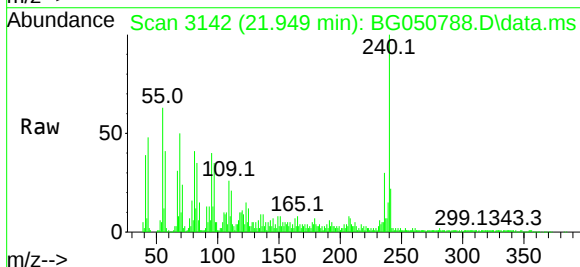
Instrument :
BNA_G
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280243

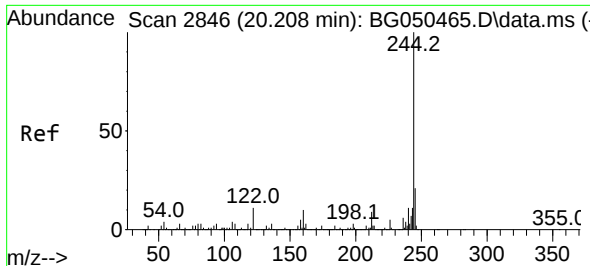
Tgt Ion:188 Resp: 172410
Ion Ratio Lower Upper
188 100
94 57.9 5.4 8.0#
80 55.4 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.949 min Scan# 3142
Delta R.T. 0.024 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

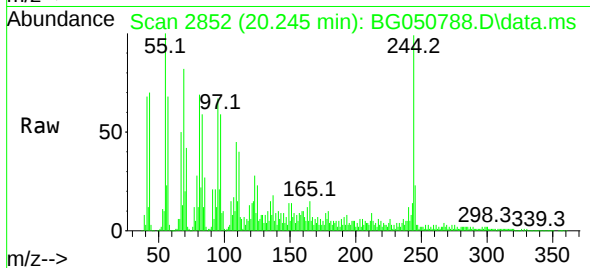
Tgt Ion:240 Resp: 153550
Ion Ratio Lower Upper
240 100
120 10.8 4.2 6.2#
236 29.6 21.8 32.6



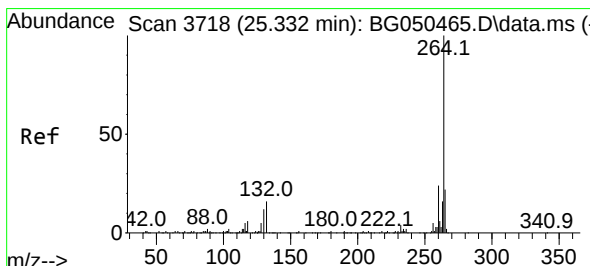
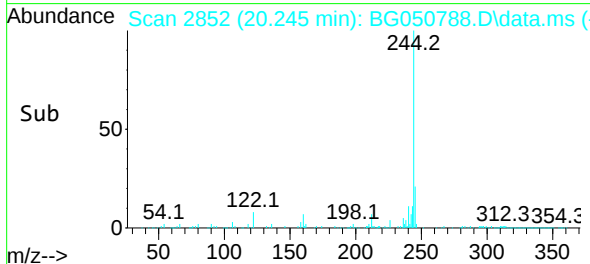
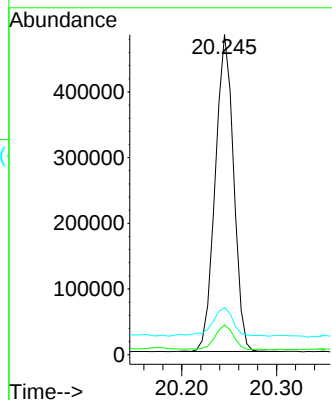


#79
 Terphenyl-d14
 Concen: 82.318 ng
 RT: 20.245 min Scan# 2852
 Delta R.T. 0.036 min
 Lab File: BG050788.D
 Acq: 29 Oct 2021 22:06

Instrument :
 BNA_G
 ClientSampled :
 280243



Tgt Ion:244 Resp: 648591
 Ion Ratio Lower Upper
 244 100
 212 9.3 6.9 10.3
 122 14.7 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.345 min Scan# 3720
 Delta R.T. 0.012 min
 Lab File: BG050788.D
 Acq: 29 Oct 2021 22:06

Tgt Ion:264 Resp: 165813
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 22.0 16.9 25.3

