

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
 Data File : BG053552.D
 Acq On : 13 May 2022 21:03
 Operator : CG/JU
 Sample : N2795-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-239

Quant Time: May 14 03:14:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

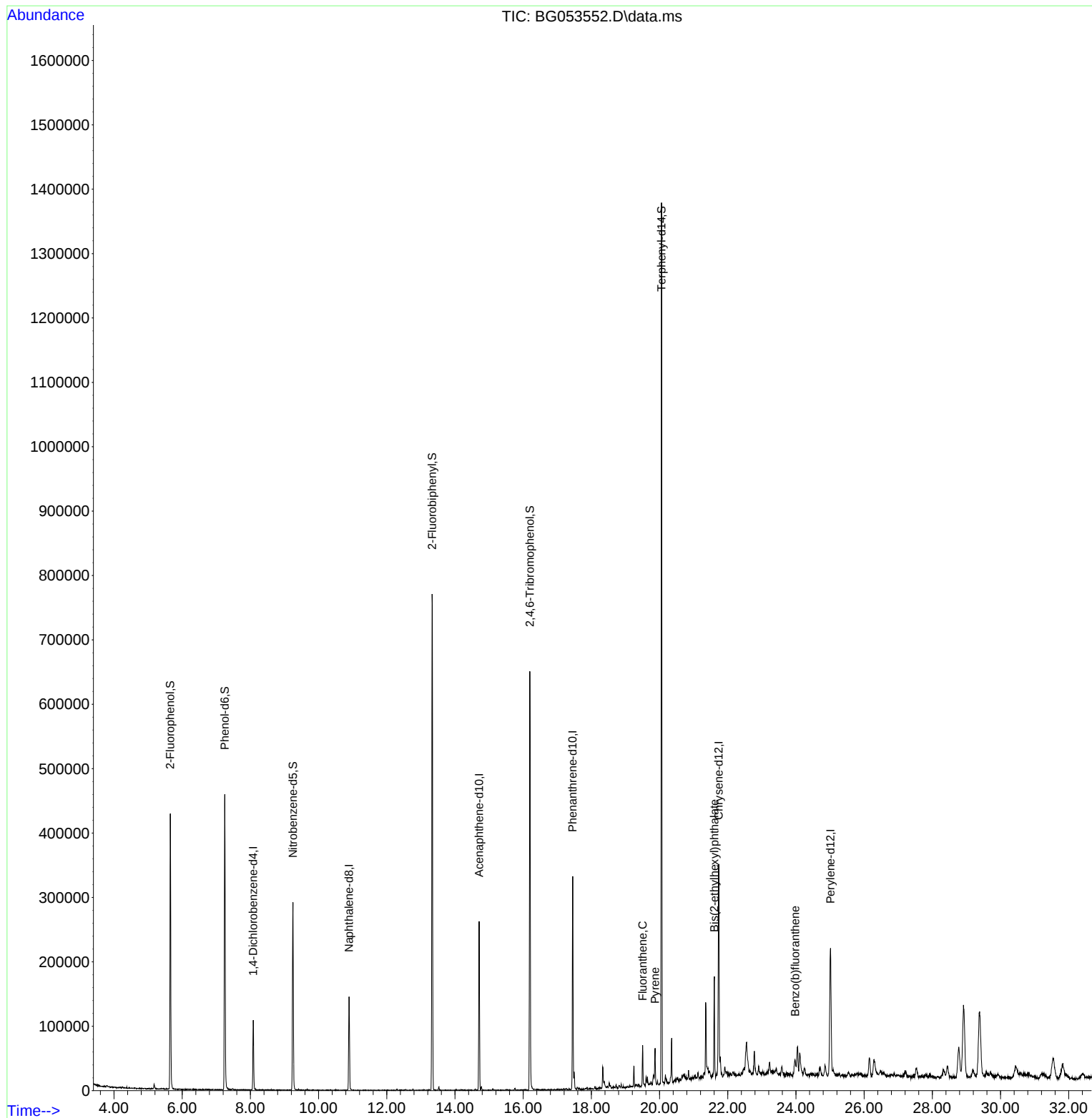
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	29228	20.000	ng	0.00
21) Naphthalene-d8	10.891	136	120533	20.000	ng	# 0.00
39) Acenaphthene-d10	14.710	164	93479	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	207720	20.000	ng	0.00
76) Chrysene-d12	21.735	240	197713	20.000	ng	0.00
86) Perylene-d12	25.013	264	204294	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	170195	98.824	ng	0.00
7) Phenol-d6	7.249	99	266135	101.823	ng	0.00
23) Nitrobenzene-d5	9.246	82	185748	65.600	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	131399	95.306	ng	0.00
45) 2-Fluorobiphenyl	13.329	172	427239	66.787	ng	0.00
79) Terphenyl-d14	20.055	244	707886	66.683	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.503	202	38144	2.789	ng	97
78) Pyrene	19.867	202	37138	2.902	ng	98
84) Bis(2-ethylhexyl)phtha...	21.606	149	60917	9.404	ng	99
88) Benzo(b)fluoranthene	23.980	252	28482	2.355	ng	# 99

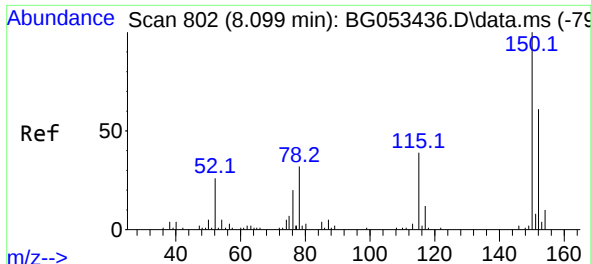
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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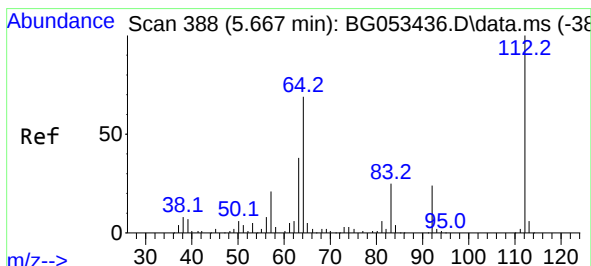
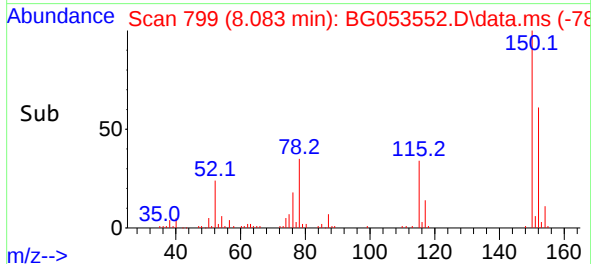
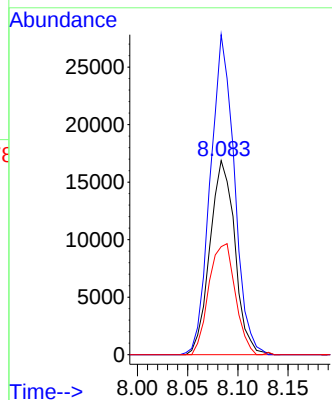
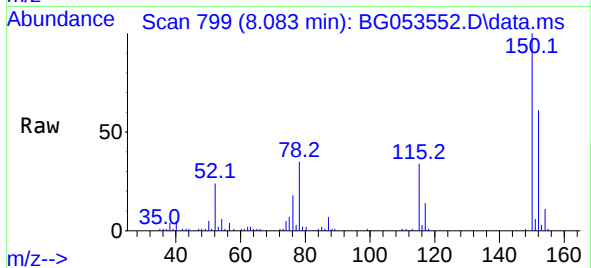




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.083 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

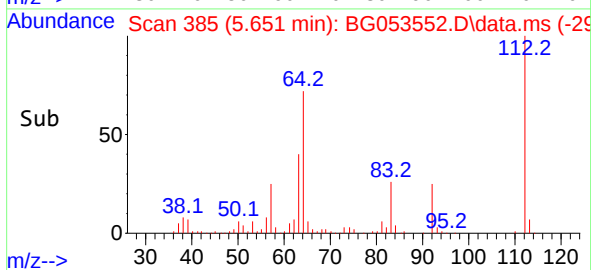
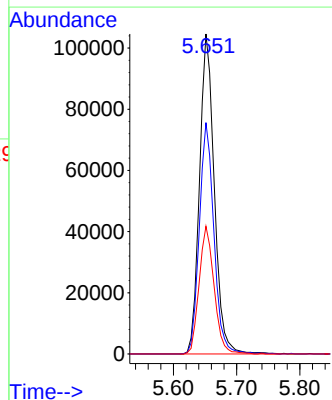
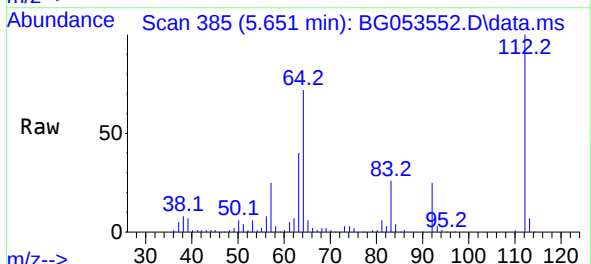
Instrument :
BNA_G
ClientSampleId :
VNJ-239

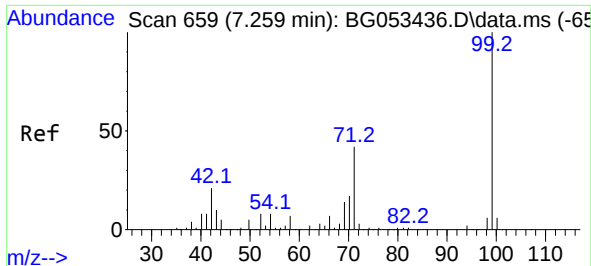
Tgt Ion:152 Resp: 29228
Ion Ratio Lower Upper
152 100
150 164.9 131.6 197.4
115 55.7 50.9 76.3



#5
2-Fluorophenol
Concen: 98.824 ng
RT: 5.651 min Scan# 385
Delta R.T. -0.000 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

Tgt Ion:112 Resp: 170195
Ion Ratio Lower Upper
112 100
64 72.3 55.1 82.7
63 39.9 30.4 45.6

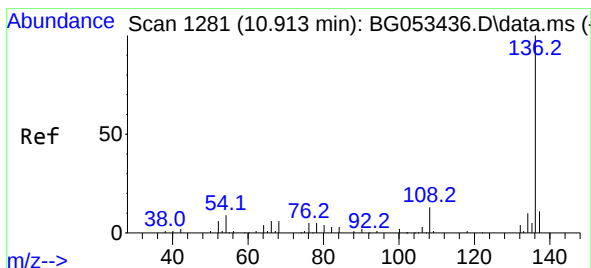
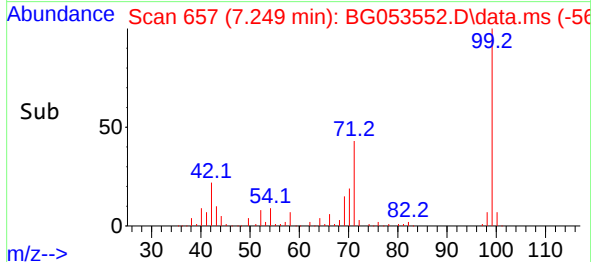
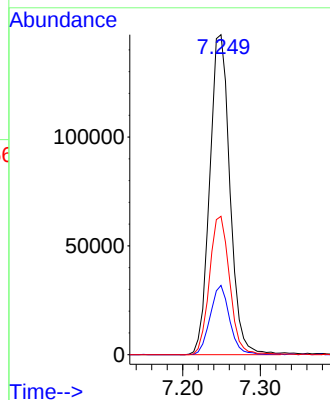
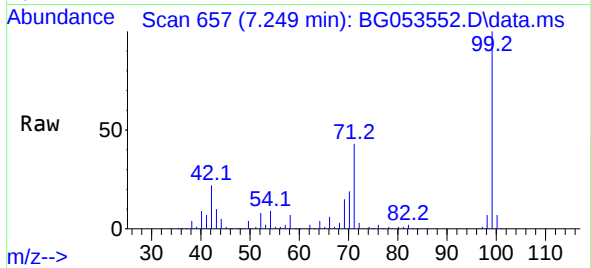




#7
Phenol-d6
Concen: 101.823 ng
RT: 7.249 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

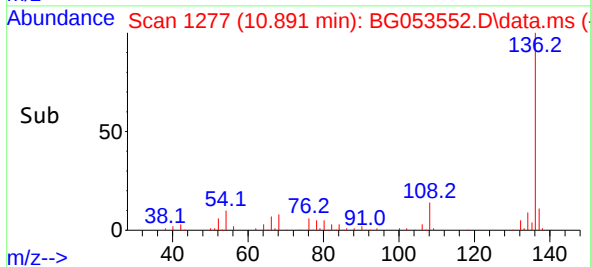
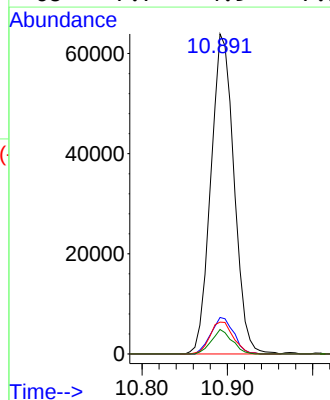
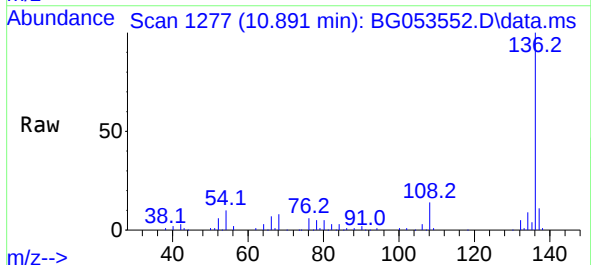
Instrument :
BNA_G
ClientSampleId :
VNJ-239

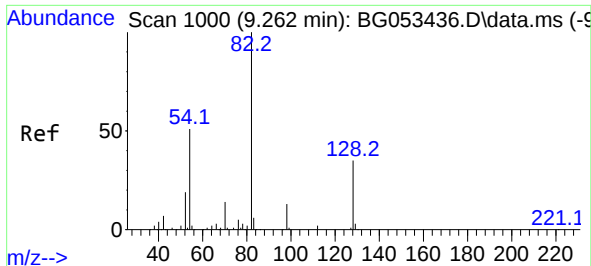
Tgt Ion: 99 Resp: 266135
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 43.3 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.891 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

Tgt Ion: 136 Resp: 120533
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 10.0 7.4 11.2
68 7.7 4.9 7.3#

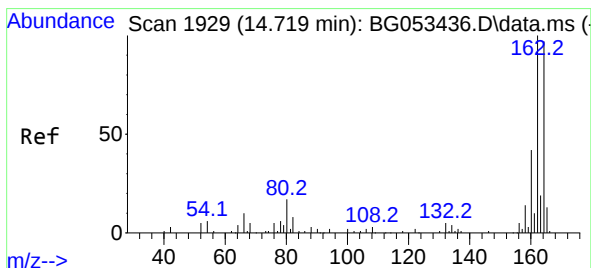
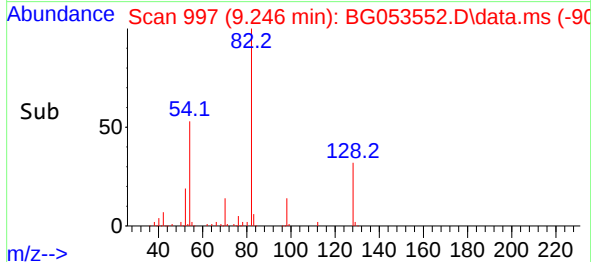
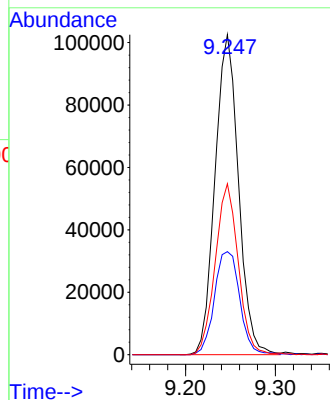
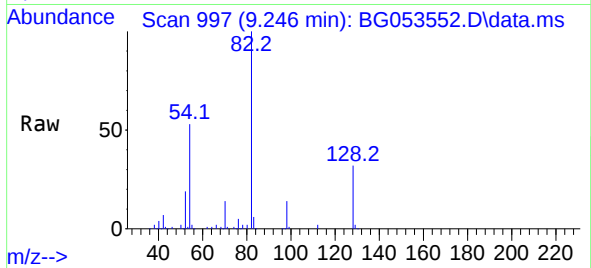




#23
Nitrobenzene-d5
Concen: 65.600 ng
RT: 9.246 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

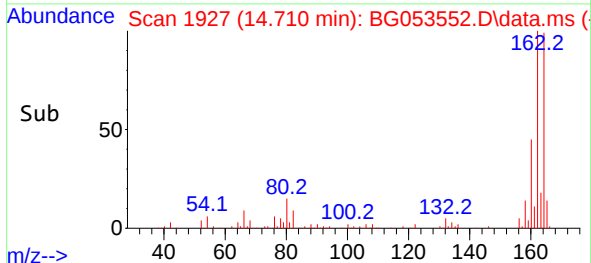
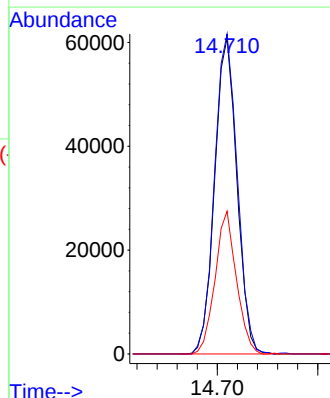
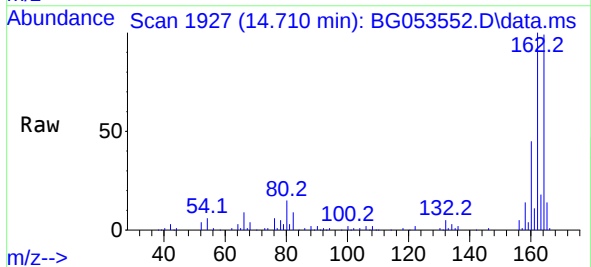
Instrument :
BNA_G
ClientSampleId :
VNJ-239

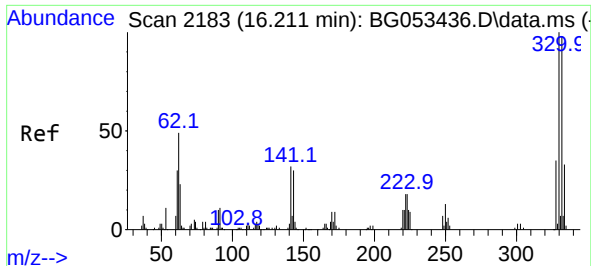
Tgt Ion: 82 Resp: 185748
Ion Ratio Lower Upper
82 100
128 32.2 27.9 41.9
54 53.4 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

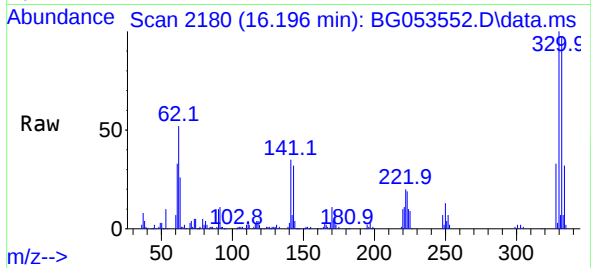
Tgt Ion:164 Resp: 93479
Ion Ratio Lower Upper
164 100
162 101.3 82.3 123.5
160 45.2 34.2 51.2



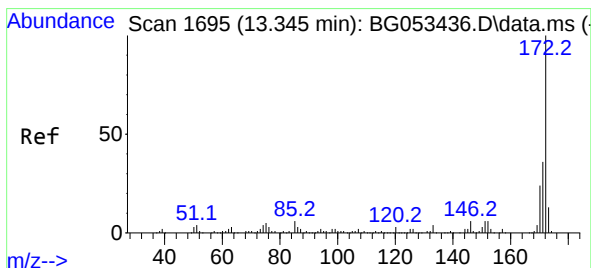
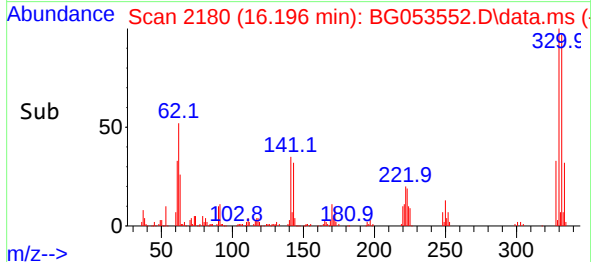
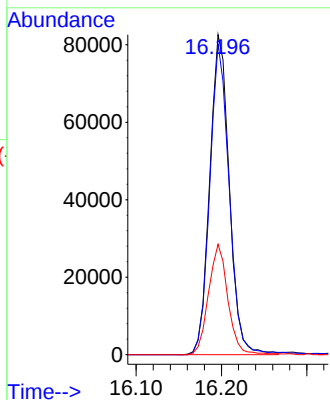


#42
2,4,6-Tribromophenol
Concen: 95.306 ng
RT: 16.196 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

Instrument :
BNA_G
ClientSampleId :
VNJ-239

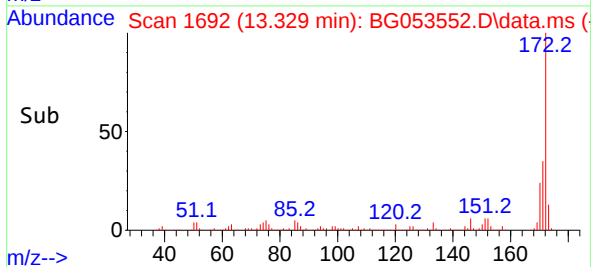
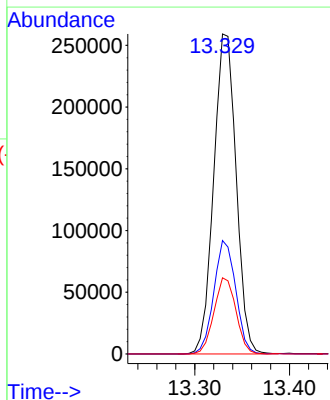
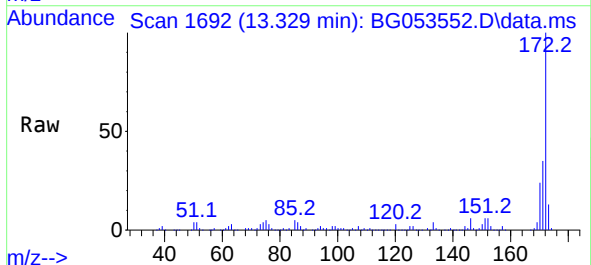


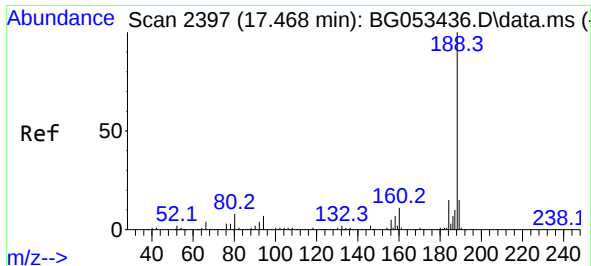
Tgt Ion:330 Resp: 131399
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 34.3 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 66.787 ng
RT: 13.329 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

Tgt Ion:172 Resp: 427239
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.8 18.9 28.3

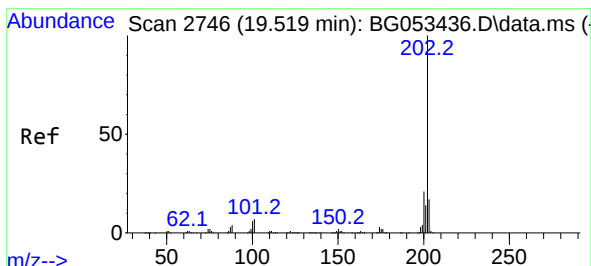
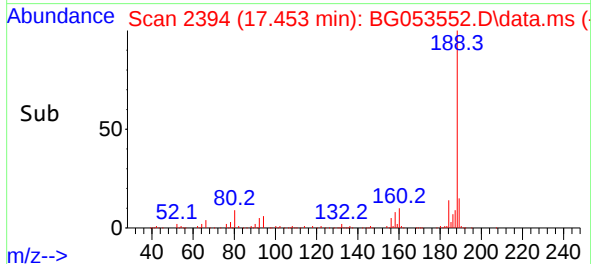
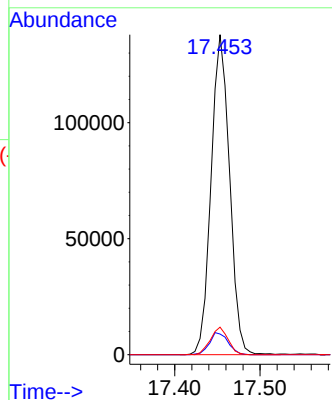
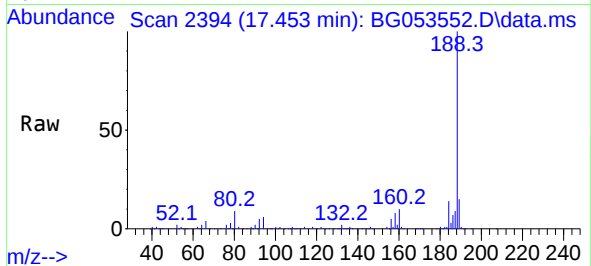




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.453 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

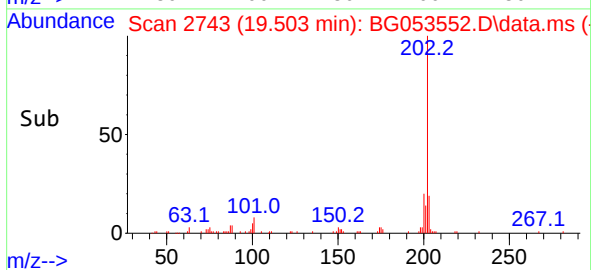
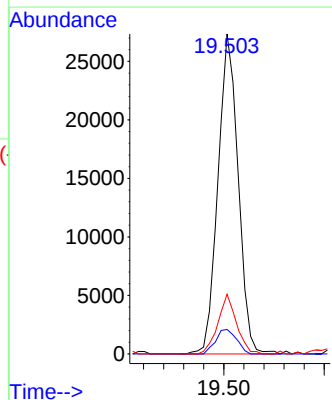
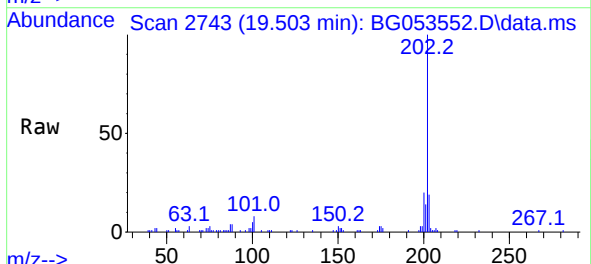
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ClientSampleId :
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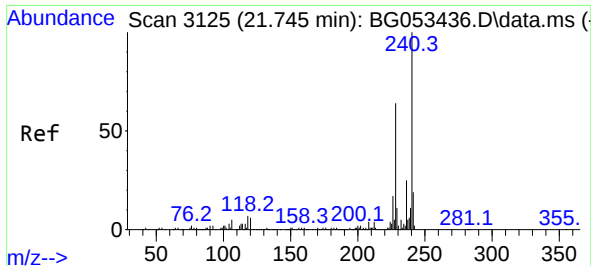
Tgt Ion:188 Resp: 207720
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 8.6 6.8 10.2



#75
Fluoranthene
Concen: 2.789 ng
RT: 19.503 min Scan# 2743
Delta R.T. -0.006 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

Tgt Ion:202 Resp: 38144
Ion Ratio Lower Upper
202 100
101 7.7 0.0 26.9
203 18.6 0.0 37.2

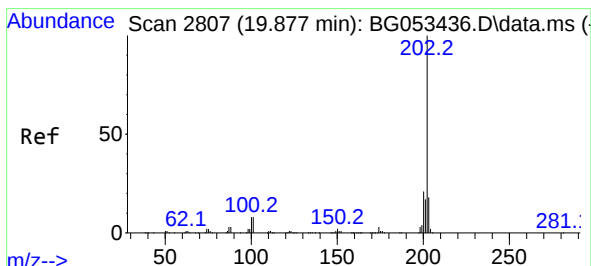
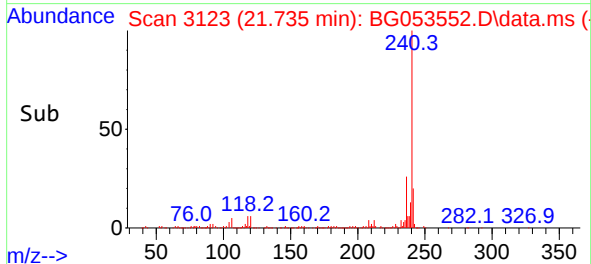
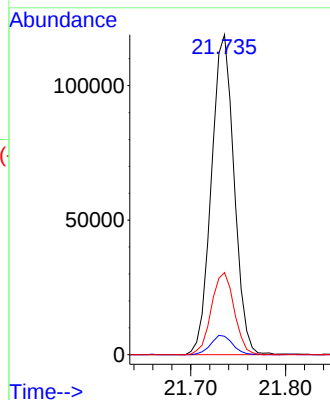
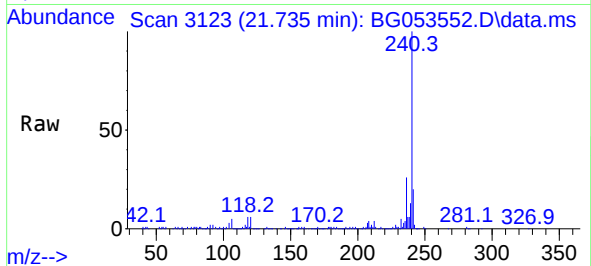




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.735 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

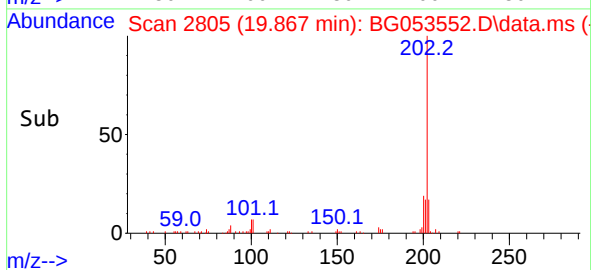
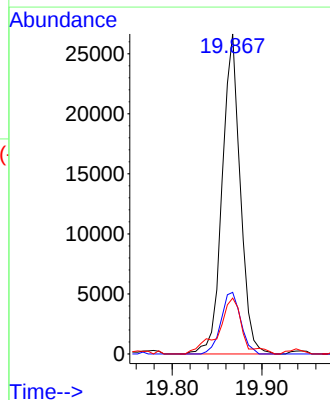
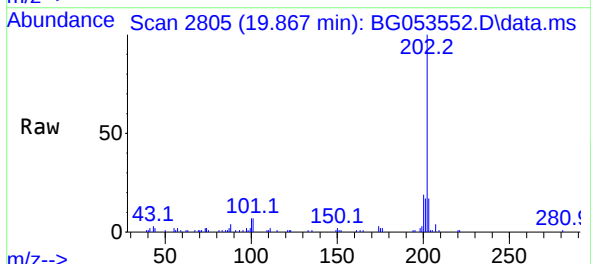
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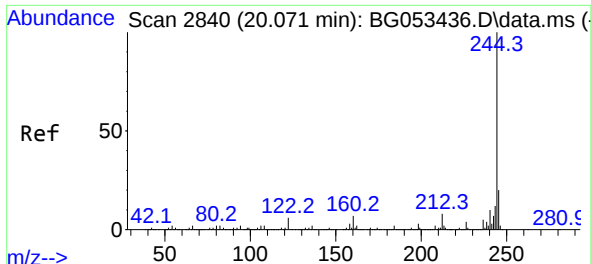
Tgt Ion:240 Resp: 197713
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 25.6 20.2 30.4



#78
Pyrene
Concen: 2.902 ng
RT: 19.867 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BG053552.D
Acq: 13 May 2022 21:03

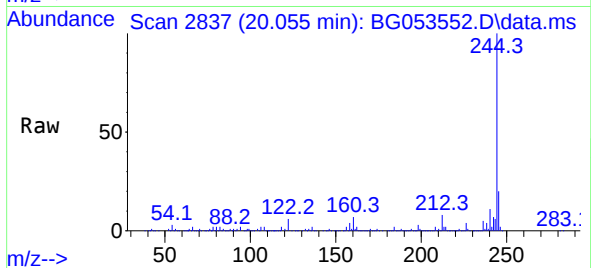
Tgt Ion:202 Resp: 37138
Ion Ratio Lower Upper
202 100
200 19.2 16.6 24.8
203 17.4 14.6 21.8



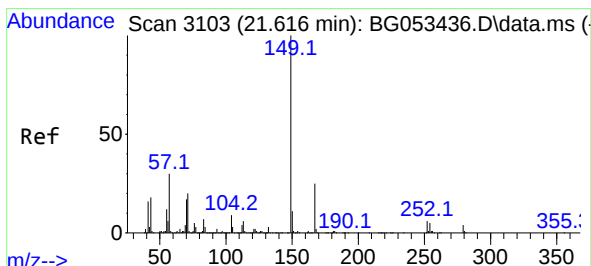
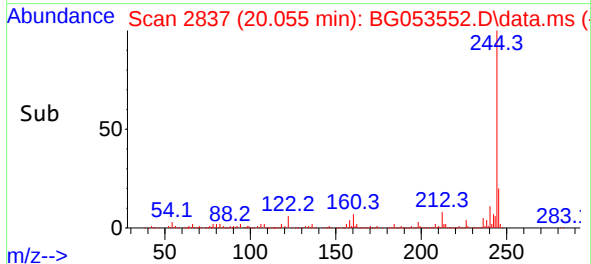
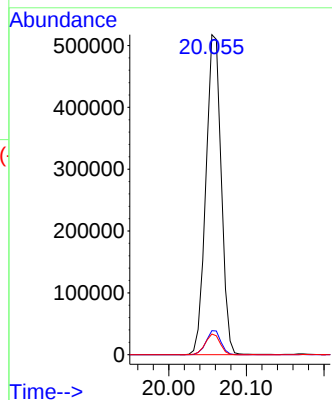


#79
 Terphenyl-d14
 Concen: 66.683 ng
 RT: 20.055 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053552.D
 Acq: 13 May 2022 21:03

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-239

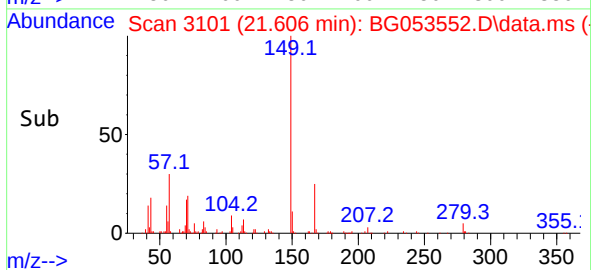
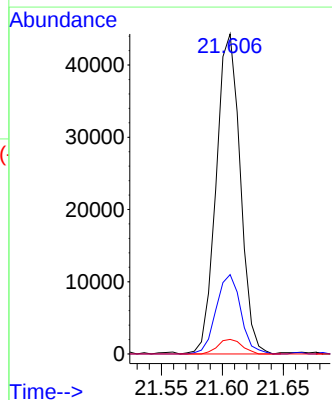
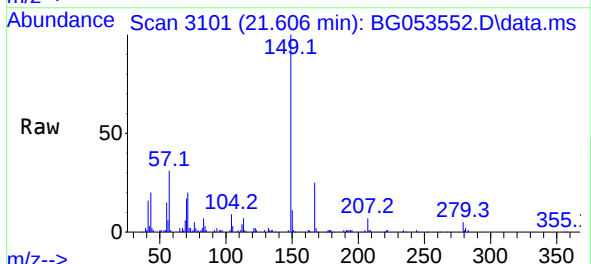


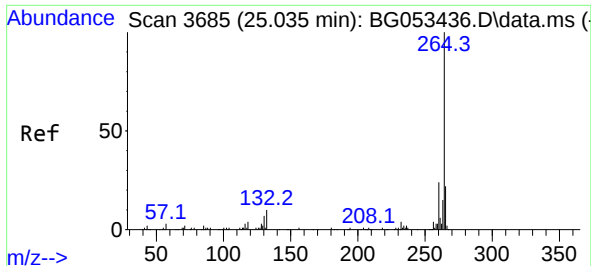
Tgt Ion:244 Resp: 707886
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 6.5 5.0 7.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 9.404 ng
 RT: 21.606 min Scan# 3101
 Delta R.T. -0.000 min
 Lab File: BG053552.D
 Acq: 13 May 2022 21:03

Tgt Ion:149 Resp: 60917
 Ion Ratio Lower Upper
 149 100
 167 24.8 20.2 30.4
 279 4.5 3.6 5.4

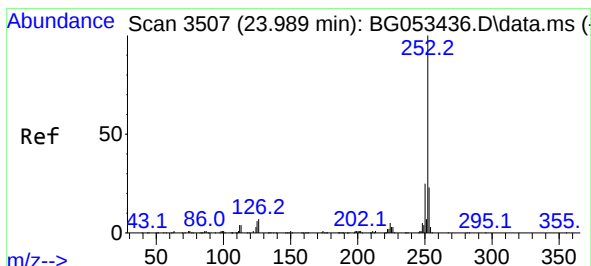
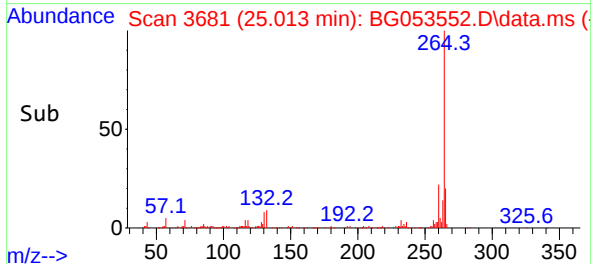
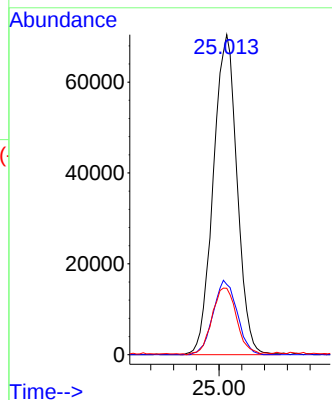
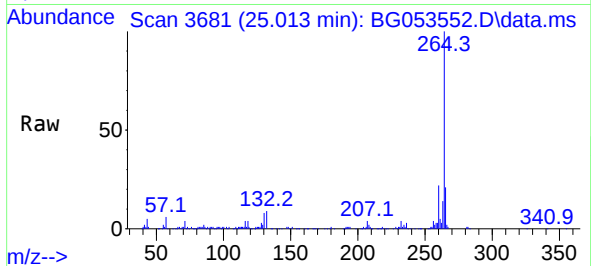




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.013 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG053552.D
 Acq: 13 May 2022 21:03

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-239

Tgt Ion:264 Resp: 204294
 Ion Ratio Lower Upper
 264 100
 260 21.9 19.0 28.6
 265 20.7 17.4 26.2



#88
 Benzo(b)fluoranthene
 Concen: 2.355 ng
 RT: 23.980 min Scan# 3505
 Delta R.T. -0.000 min
 Lab File: BG053552.D
 Acq: 13 May 2022 21:03

Tgt Ion:252 Resp: 28482
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.0 27.0
 125 7.9 4.6 6.8#

