

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
 Data File : BG053736.D
 Acq On : 27 May 2022 16:51
 Operator : CG/JU
 Sample : N3072-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-4206

Quant Time: May 28 01:58:28 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 25 15:11:41 2022
 Response via : Initial Calibration

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

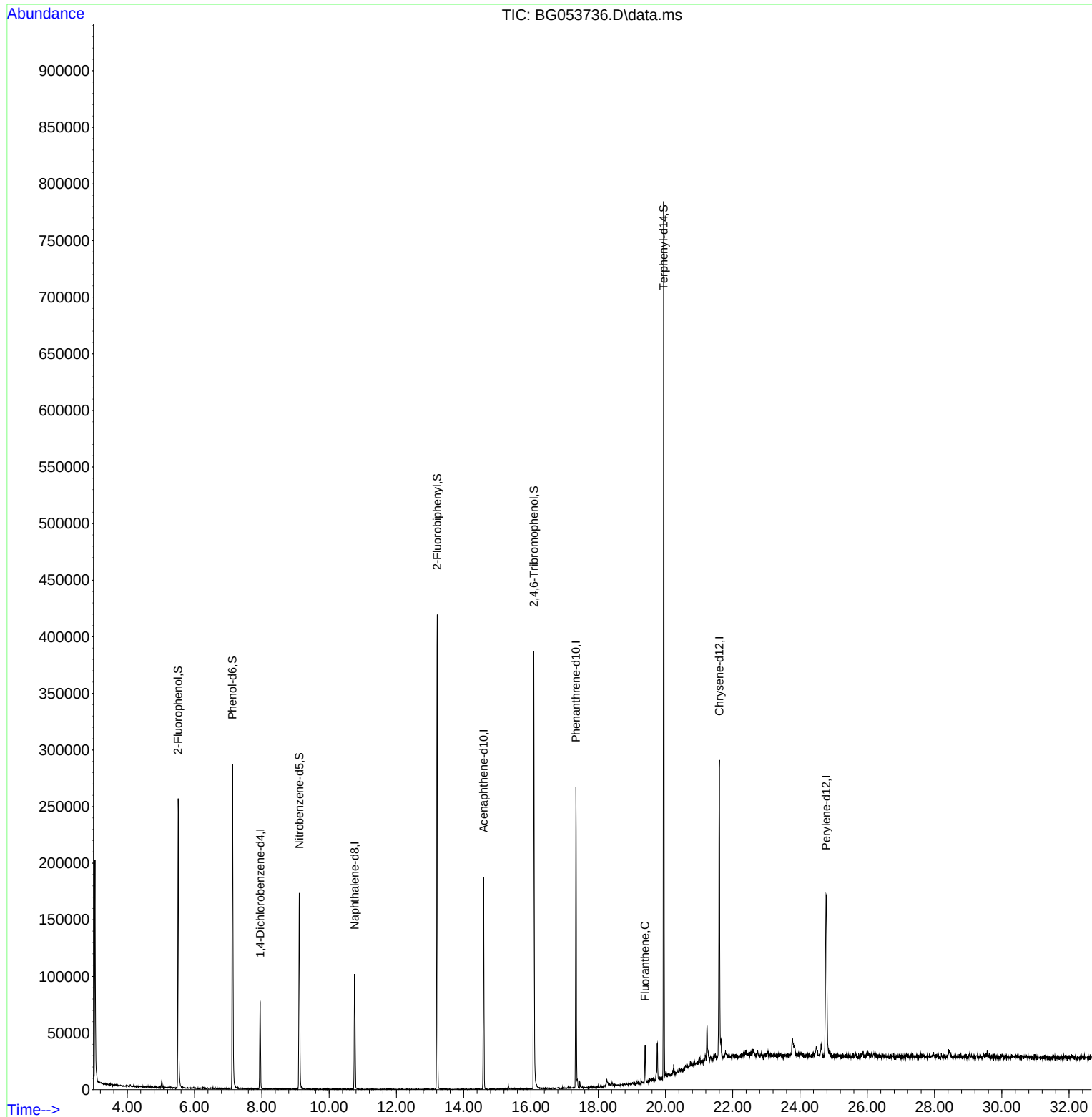
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	20950	20.000	ng	-0.03
21) Naphthalene-d8	10.760	136	84372	20.000	ng	-0.04
39) Acenaphthene-d10	14.596	164	66964	20.000	ng	-0.03
64) Phenanthrene-d10	17.339	188	165173	20.000	ng	-0.03
76) Chrysene-d12	21.604	240	158090	20.000	ng	-0.03
86) Perylene-d12	24.776	264	158929	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	106725	86.457	ng	-0.04
7) Phenol-d6	7.130	99	163617	87.335	ng	-0.03
23) Nitrobenzene-d5	9.115	82	111462	56.236	ng	-0.04
42) 2,4,6-Tribromophenol	16.088	330	85645	86.717	ng	-0.03
45) 2-Fluorobiphenyl	13.215	172	224205	48.926	ng	-0.03
79) Terphenyl-d14	19.947	244	395251	46.565	ng	-0.03
Target Compounds						
75) Fluoranthene	19.395	202	22363	2.056	ng	Qvalue 95

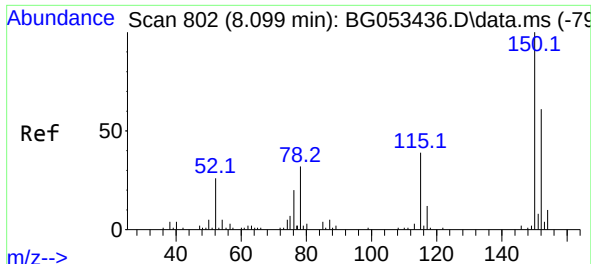
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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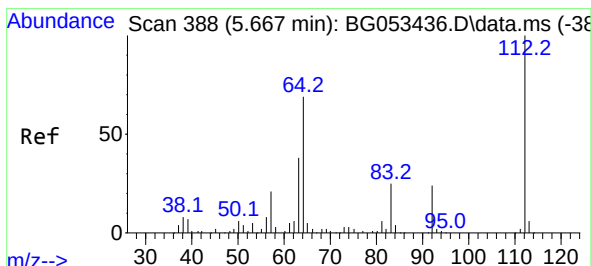
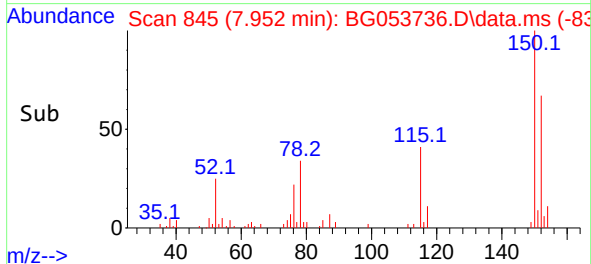
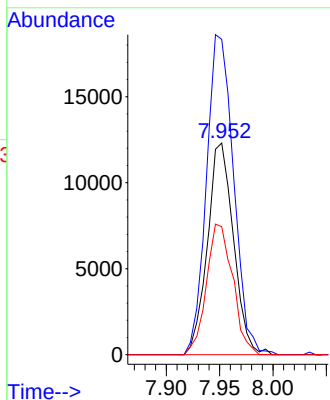
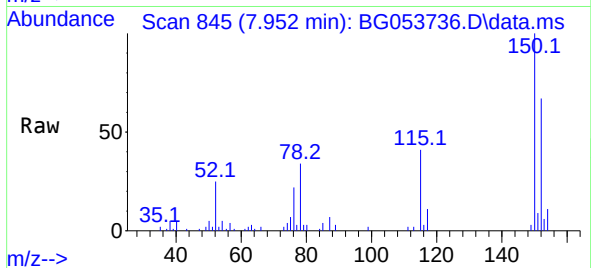




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 84
Delta R.T. -0.034 min
Lab File: BG053736.D
Acq: 27 May 2022 16:51

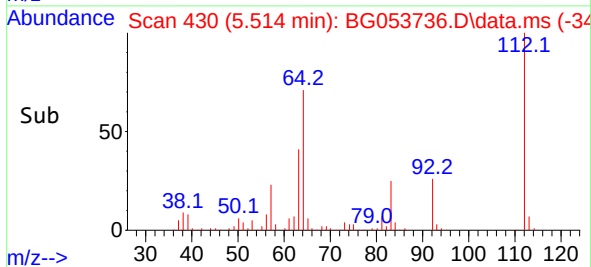
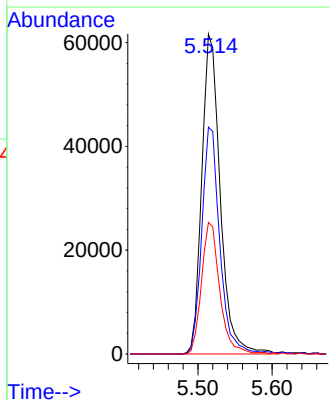
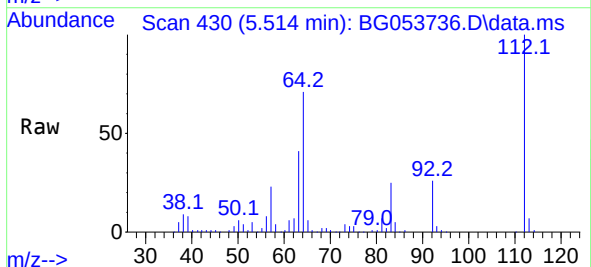
Instrument :
BNA_G
ClientSampleId :
RT-4206

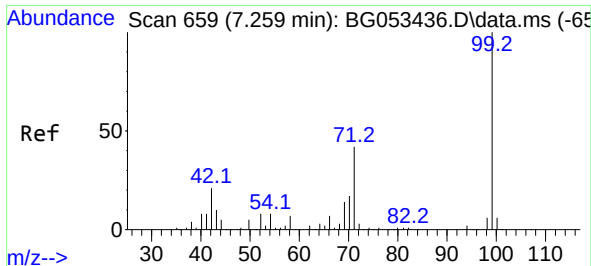
Tgt Ion:152 Resp: 20950
Ion Ratio Lower Upper
152 100
150 149.0 131.6 197.4
115 60.5 50.9 76.3



#5
2-Fluorophenol
Concen: 86.457 ng
RT: 5.514 min Scan# 430
Delta R.T. -0.040 min
Lab File: BG053736.D
Acq: 27 May 2022 16:51

Tgt Ion:112 Resp: 106725
Ion Ratio Lower Upper
112 100
64 70.9 55.1 82.7
63 41.1 30.4 45.6

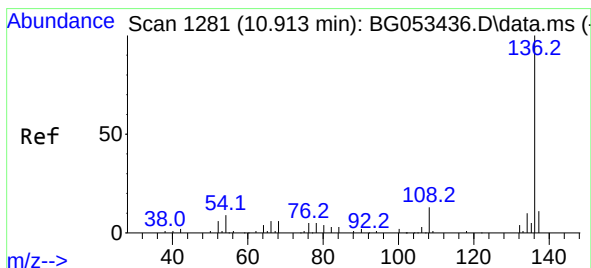
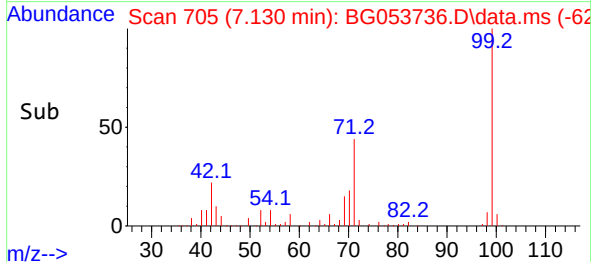
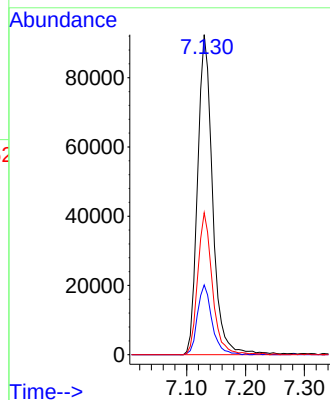
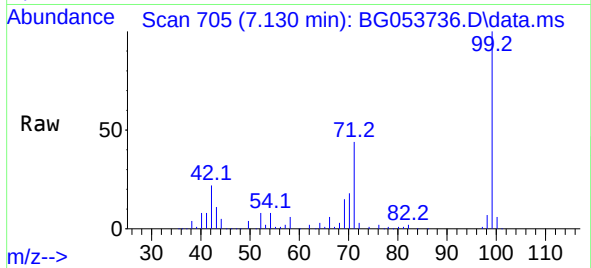




#7
Phenol-d6
Concen: 87.335 ng
RT: 7.130 min Scan# 705
Delta R.T. -0.034 min
Lab File: BG053736.D
Acq: 27 May 2022 16:51

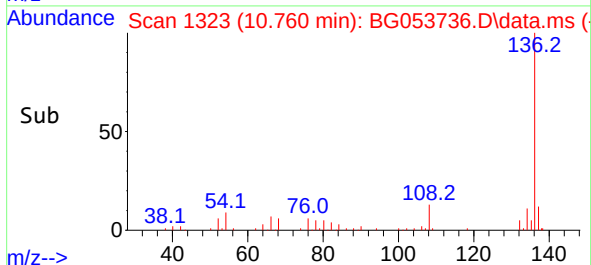
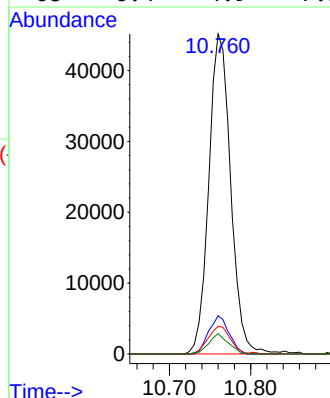
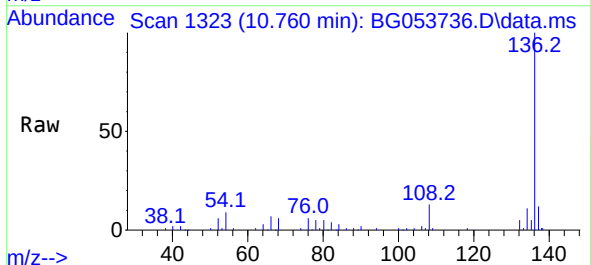
Instrument :
BNA_G
ClientSampleId :
RT-4206

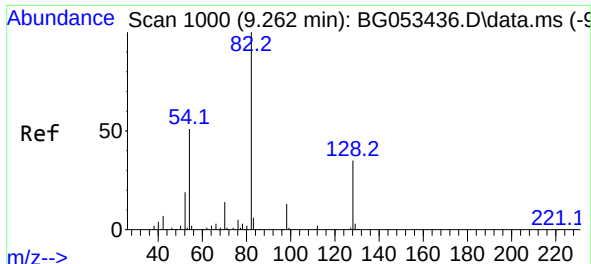
Tgt Ion: 99 Resp: 163617
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 44.4 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.760 min Scan# 1323
Delta R.T. -0.040 min
Lab File: BG053736.D
Acq: 27 May 2022 16:51

Tgt Ion: 136 Resp: 84372
Ion Ratio Lower Upper
136 100
137 11.9 8.5 12.7
54 8.6 7.4 11.2
68 6.4 4.9 7.3

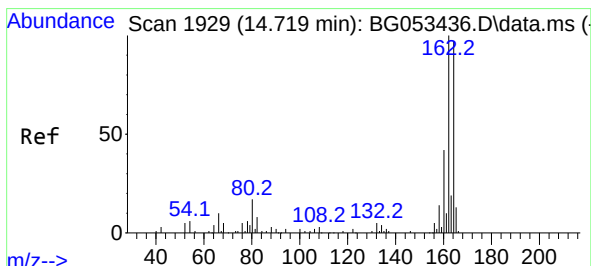
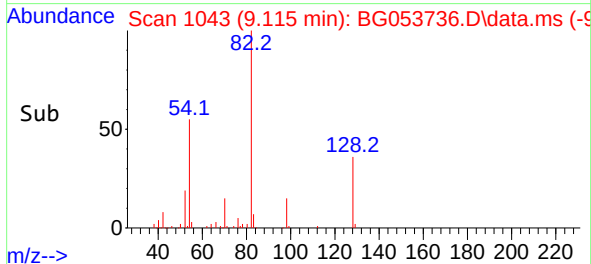
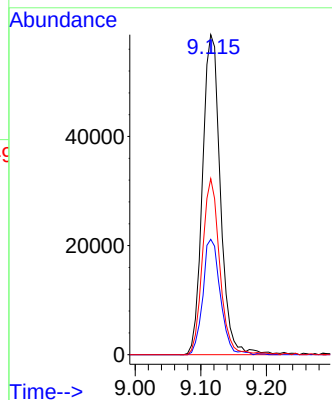
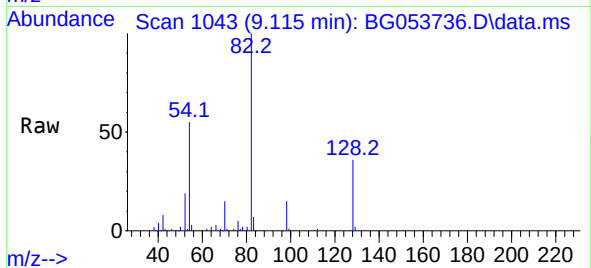




#23
Nitrobenzene-d5
Concen: 56.236 ng
RT: 9.115 min Scan# 10
Delta R.T. -0.040 min
Lab File: BG053736.D
Acq: 27 May 2022 16:51

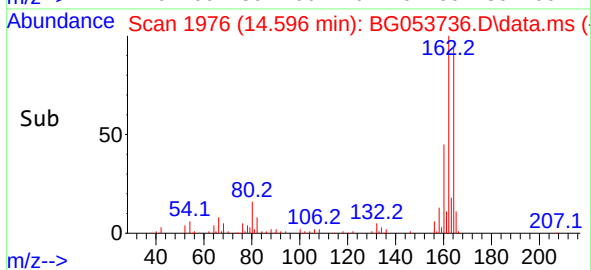
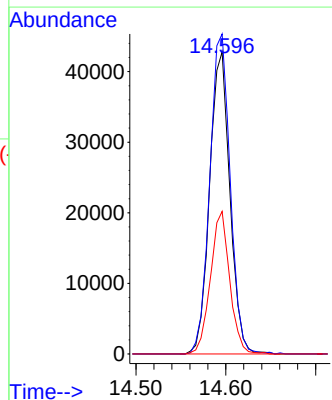
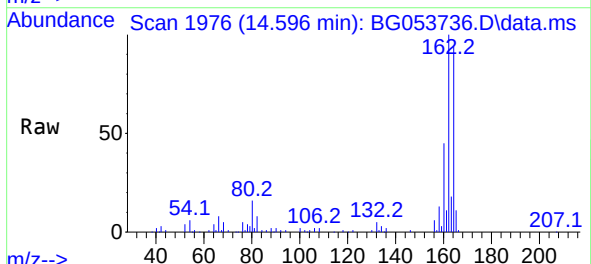
Instrument :
BNA_G
ClientSampleId :
RT-4206

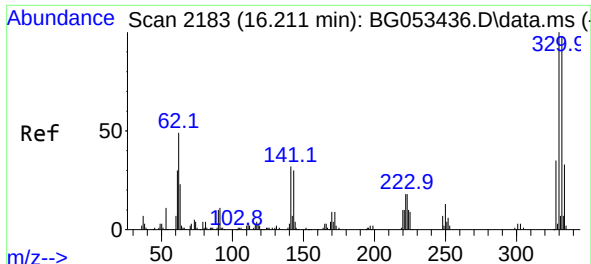
Tgt Ion: 82 Resp: 111462
Ion Ratio Lower Upper
82 100
128 36.1 27.9 41.9
54 55.0 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.596 min Scan# 1976
Delta R.T. -0.028 min
Lab File: BG053736.D
Acq: 27 May 2022 16:51

Tgt Ion:164 Resp: 66964
Ion Ratio Lower Upper
164 100
162 105.9 82.3 123.5
160 47.2 34.2 51.2

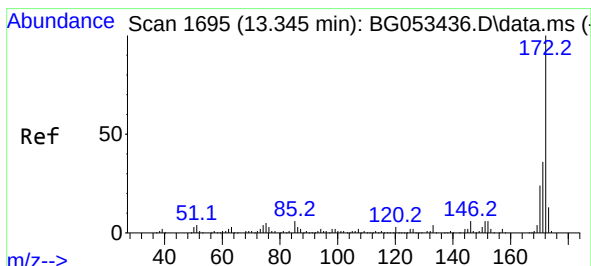
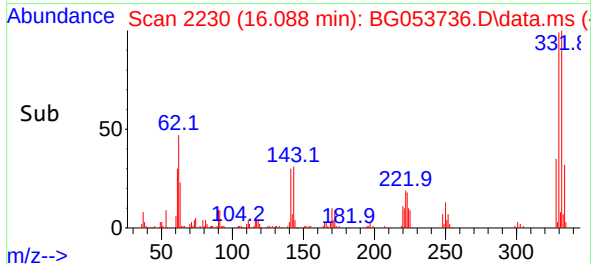
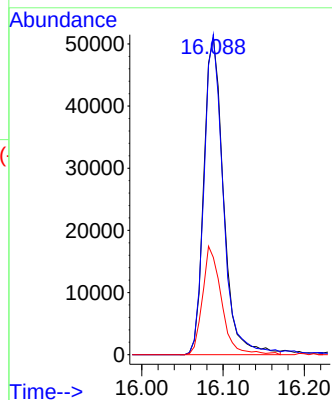
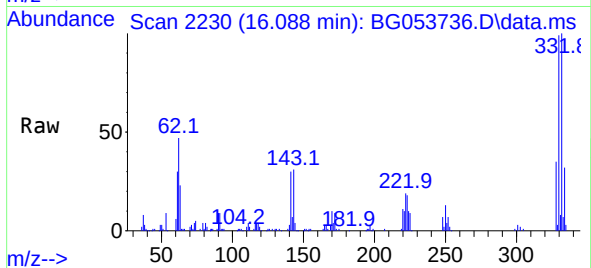




#42
2,4,6-Tribromophenol
Concen: 86.717 ng
RT: 16.088 min Scan# 21
Delta R.T. -0.028 min
Lab File: BG053736.D
Acq: 27 May 2022 16:51

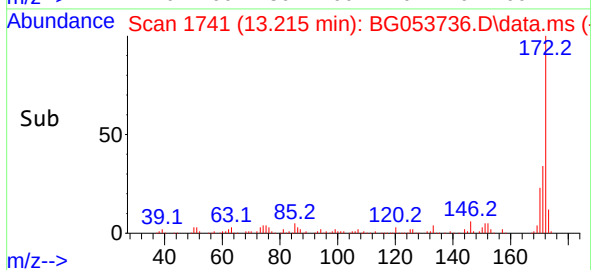
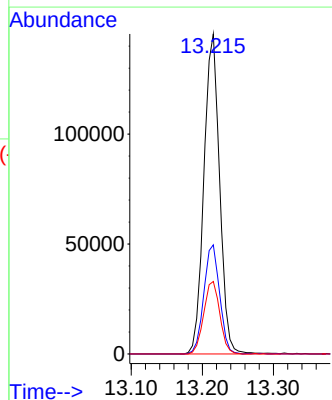
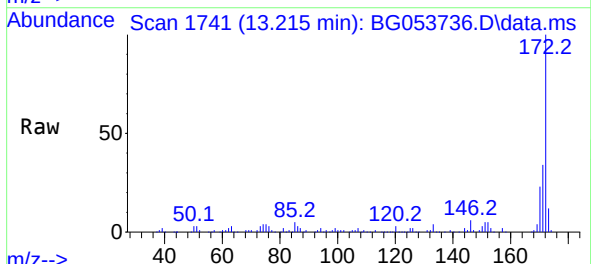
Instrument :
BNA_G
ClientSampleId :
RT-4206

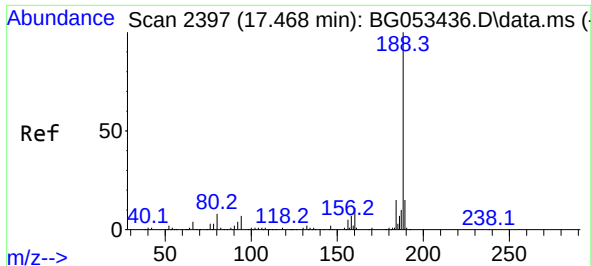
Tgt Ion:330 Resp: 85645
Ion Ratio Lower Upper
330 100
332 99.5 76.0 114.0
141 33.0 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 48.926 ng
RT: 13.215 min Scan# 1741
Delta R.T. -0.028 min
Lab File: BG053736.D
Acq: 27 May 2022 16:51

Tgt Ion:172 Resp: 224205
Ion Ratio Lower Upper
172 100
171 34.1 28.5 42.7
170 22.6 18.9 28.3

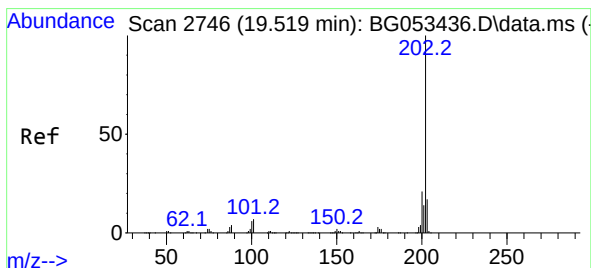
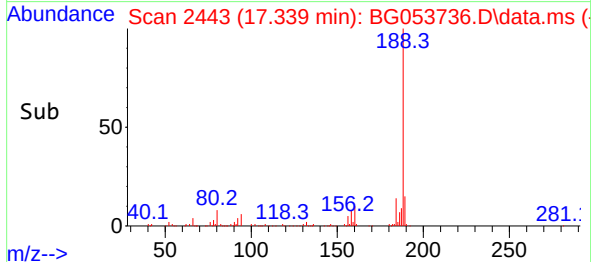
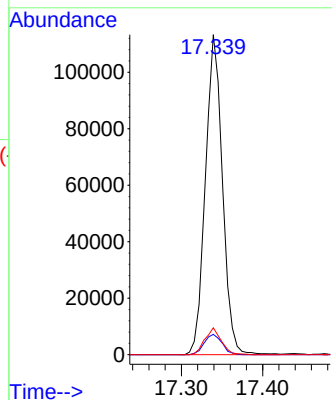
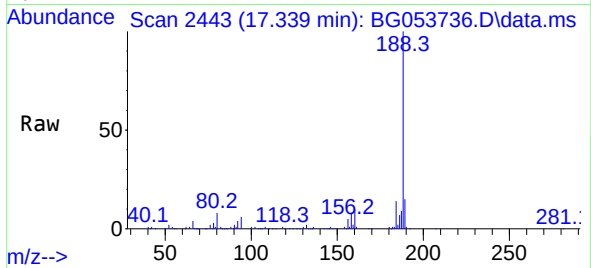




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 24
Delta R.T. -0.034 min
Lab File: BG053736.D
Acq: 27 May 2022 16:51

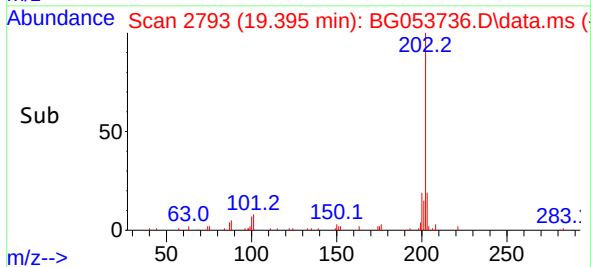
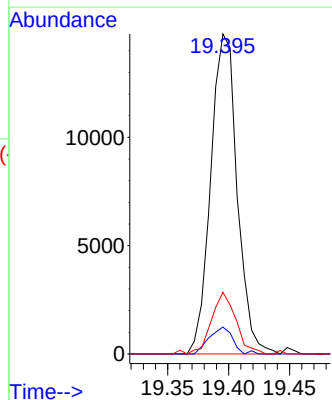
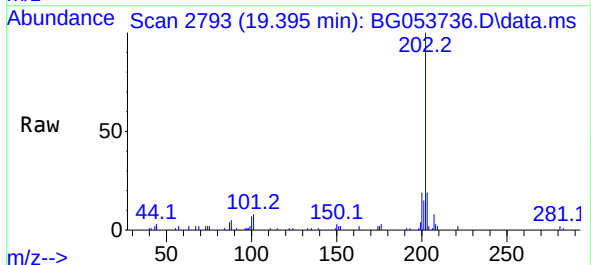
Instrument :
BNA_G
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RT-4206

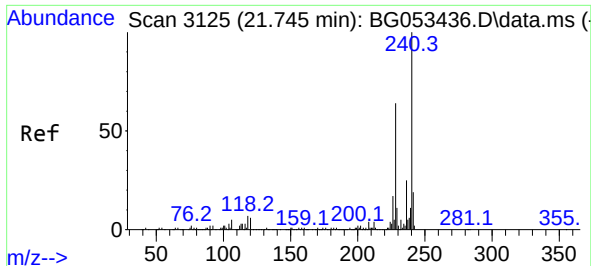
Tgt Ion:188 Resp: 165173
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 8.4 6.8 10.2



#75
Fluoranthene
Concen: 2.056 ng
RT: 19.395 min Scan# 2793
Delta R.T. -0.028 min
Lab File: BG053736.D
Acq: 27 May 2022 16:51

Tgt Ion:202 Resp: 22363
Ion Ratio Lower Upper
202 100
101 8.4 0.0 26.9
203 19.3 0.0 37.2

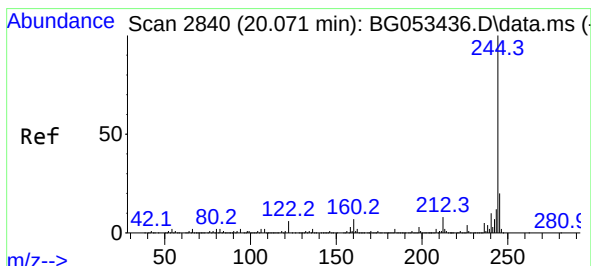
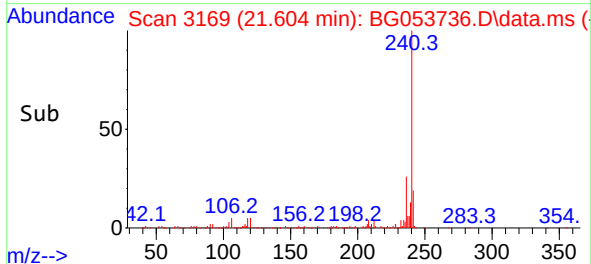
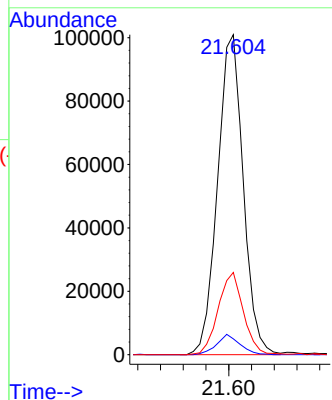
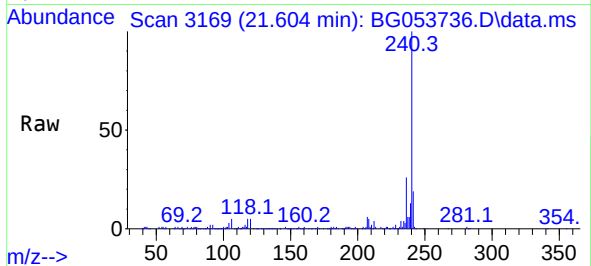




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.604 min Scan# 31
Delta R.T. -0.034 min
Lab File: BG053736.D
Acq: 27 May 2022 16:51

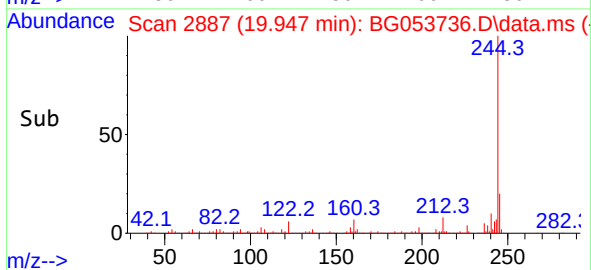
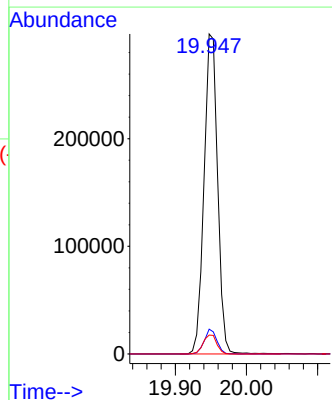
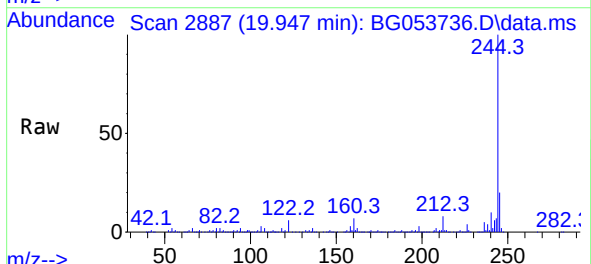
Instrument :
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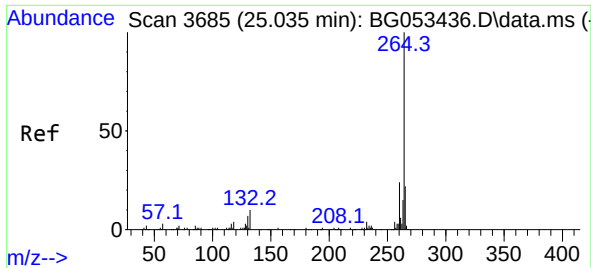
Tgt Ion:240 Resp: 158090
Ion Ratio Lower Upper
240 100
120 5.0 4.6 7.0
236 25.7 20.2 30.4



#79
Terphenyl-d14
Concen: 46.565 ng
RT: 19.947 min Scan# 2887
Delta R.T. -0.028 min
Lab File: BG053736.D
Acq: 27 May 2022 16:51

Tgt Ion:244 Resp: 395251
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 5.9 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.776 min Scan# 31
Delta R.T. -0.064 min
Lab File: BG053736.D
Acq: 27 May 2022 16:51

Instrument :
BNA_G
ClientSampleId :
RT-4206

Tgt Ion:264 Resp: 158929

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	23.1	17.4	26.2

