

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051722\
 Data File : BG053588.D
 Acq On : 17 May 2022 17:46
 Operator : CG/JU
 Sample : N2870-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB-220511

Quant Time: May 18 03:14:19 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)

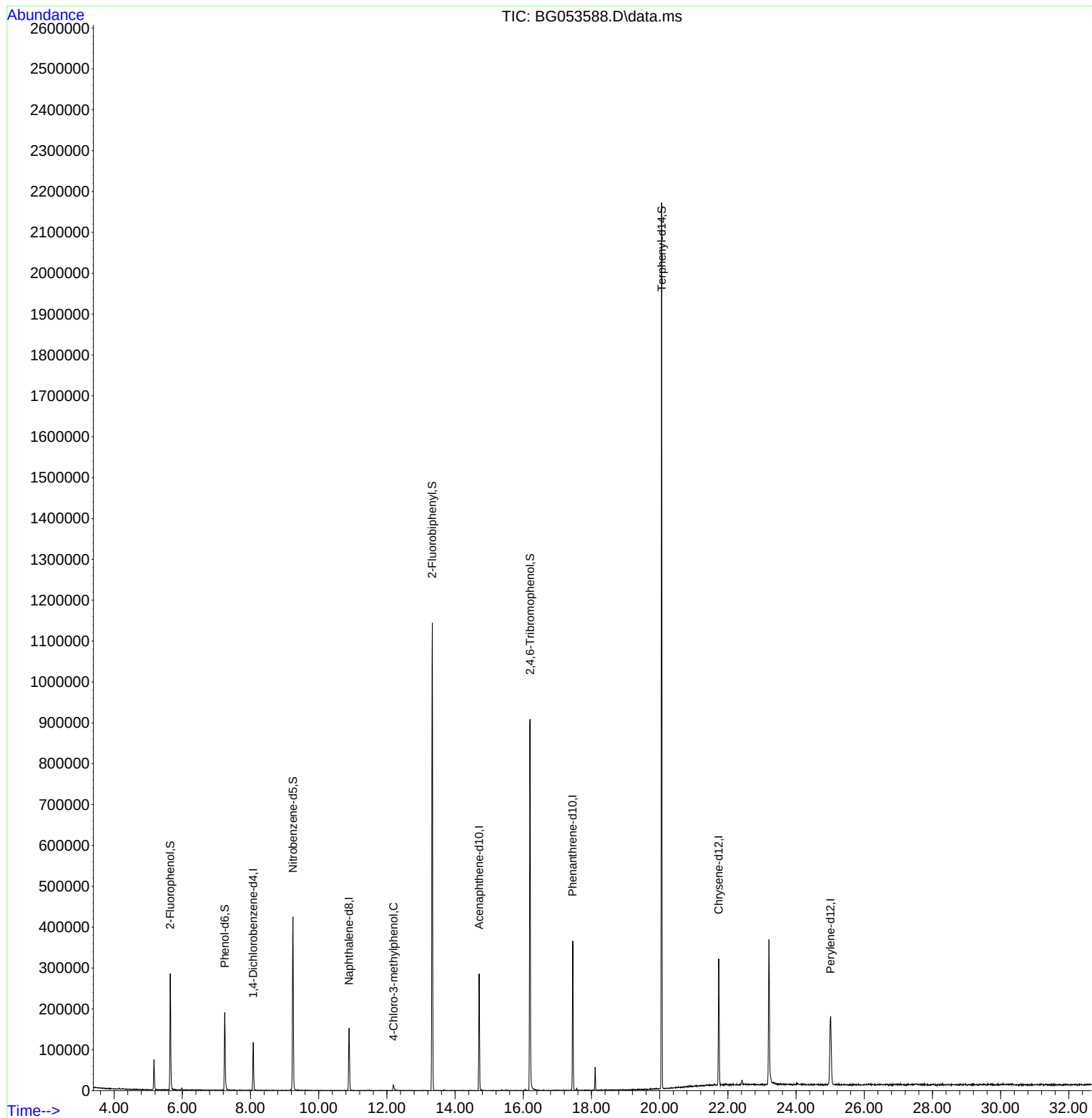
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	32167	20.000	ng	0.00
21) Naphthalene-d8	10.889	136	131643	20.000	ng	0.00
39) Acenaphthene-d10	14.707	164	98490	20.000	ng	0.00
64) Phenanthrene-d10	17.450	188	236840	20.000	ng	0.00
76) Chrysene-d12	21.733	240	200988	20.000	ng	0.00
86) Perylene-d12	25.011	264	201347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	120157	63.395	ng	0.00
7) Phenol-d6	7.246	99	113942	39.611	ng	0.00
23) Nitrobenzene-d5	9.244	82	268234	86.737	ng	0.00
42) 2,4,6-Tribromophenol	16.199	330	186429	128.340	ng	0.00
45) 2-Fluorobiphenyl	13.332	172	600534	89.100	ng	0.00
79) Terphenyl-d14	20.058	244	1069025	99.062	ng	0.00
Target Compounds						
36) 4-Chloro-3-methylphenol	12.193	107	7986	3.032	ng	Qvalue 98

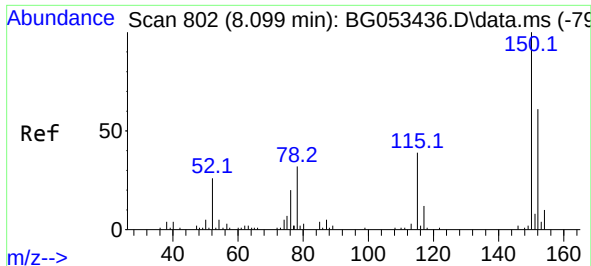
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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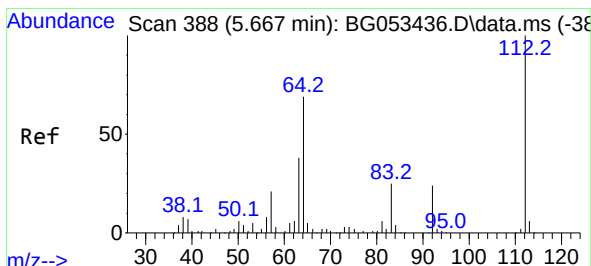
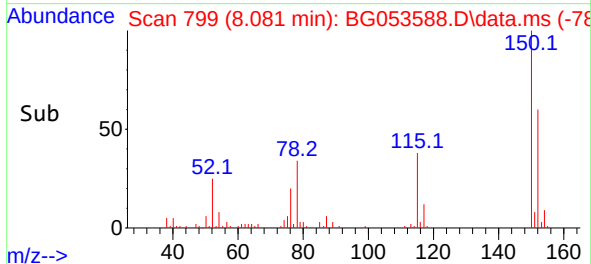
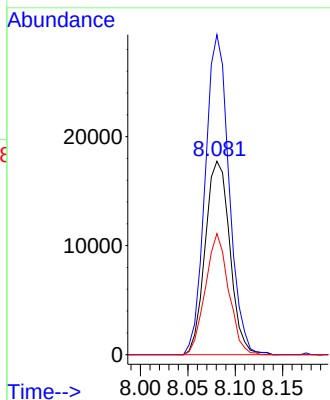
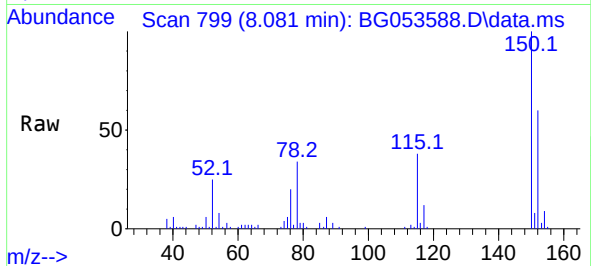




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.081 min Scan# 79
Delta R.T. -0.008 min
Lab File: BG053588.D
Acq: 17 May 2022 17:46

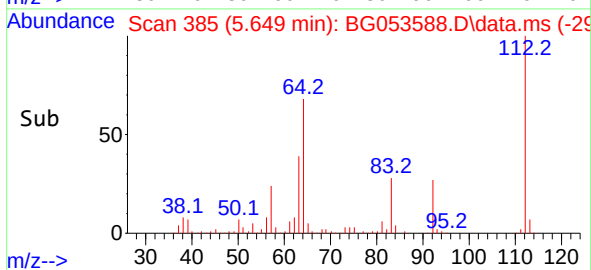
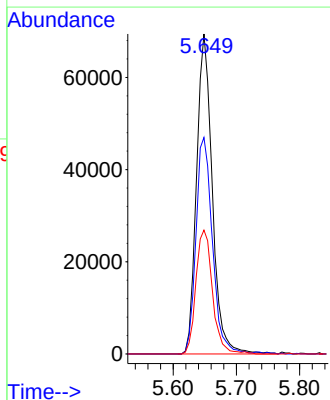
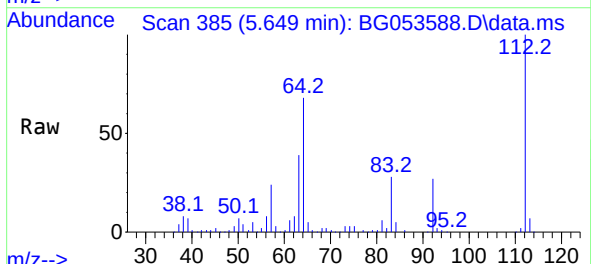
Instrument :
BNA_G
ClientSampleId :
RB-220511

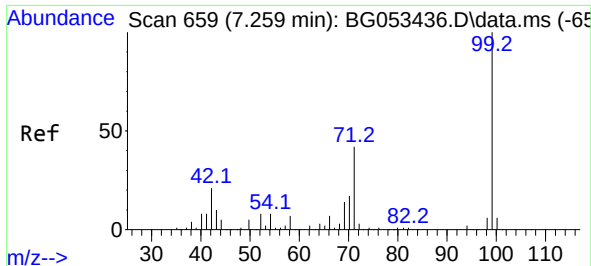
Tgt Ion:152 Resp: 32167
Ion Ratio Lower Upper
152 100
150 165.4 131.6 197.4
115 62.6 50.9 76.3



#5
2-Fluorophenol
Concen: 63.395 ng
RT: 5.649 min Scan# 385
Delta R.T. -0.003 min
Lab File: BG053588.D
Acq: 17 May 2022 17:46

Tgt Ion:112 Resp: 120157
Ion Ratio Lower Upper
112 100
64 67.7 55.1 82.7
63 38.7 30.4 45.6

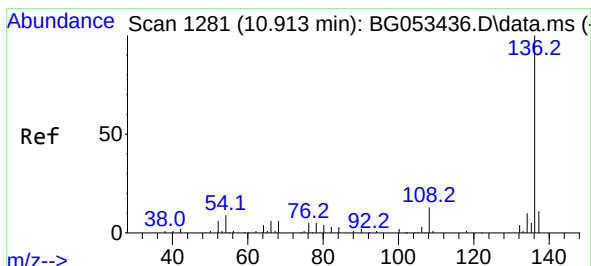
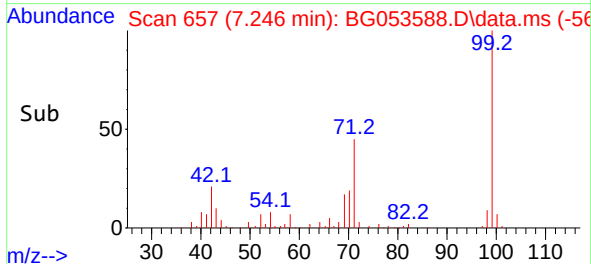
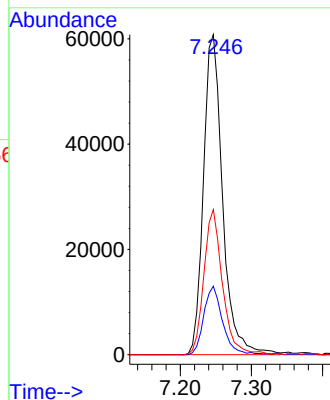
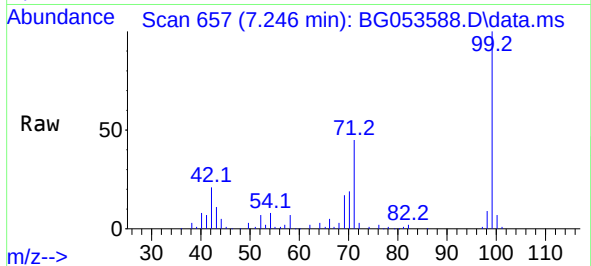




#7
Phenol-d6
Concen: 39.611 ng
RT: 7.246 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053588.D
Acq: 17 May 2022 17:46

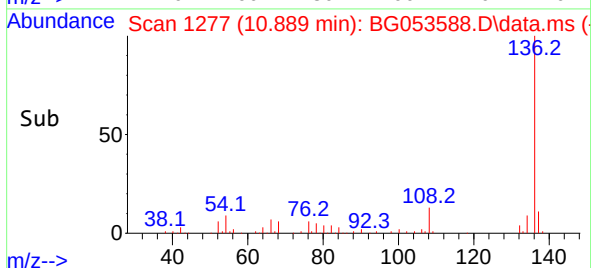
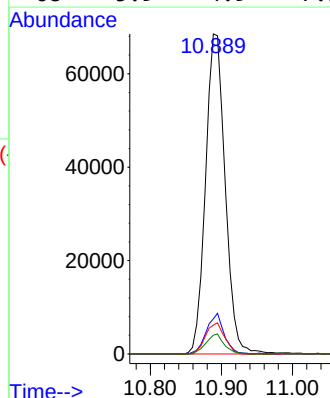
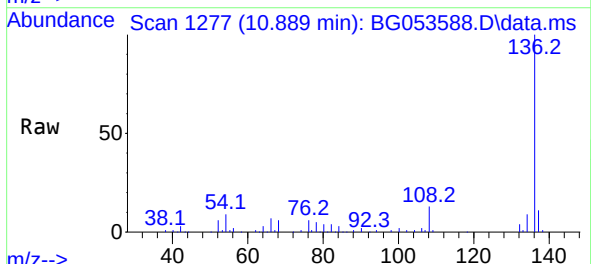
Instrument :
BNA_G
ClientSampleId :
RB-220511

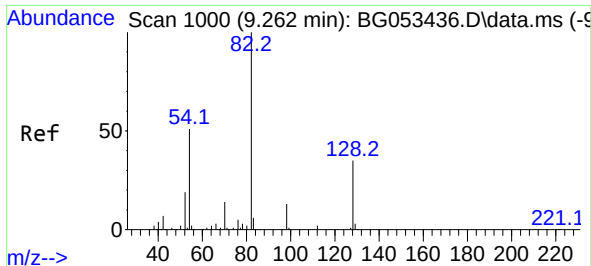
Tgt Ion: 99 Resp: 113942
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 45.4 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.889 min Scan# 1277
Delta R.T. -0.009 min
Lab File: BG053588.D
Acq: 17 May 2022 17:46

Tgt Ion:136 Resp: 131643
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 9.0 7.4 11.2
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 86.737 ng

RT: 9.244 min Scan# 91

Delta R.T. -0.009 min

Lab File: BG053588.D

Acq: 17 May 2022 17:46

Instrument :

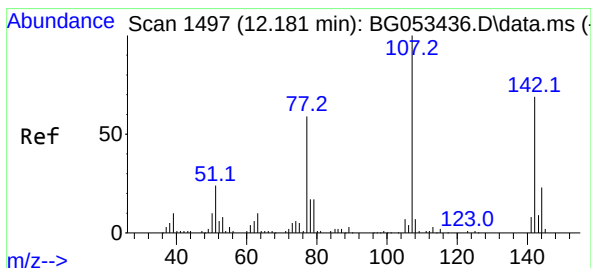
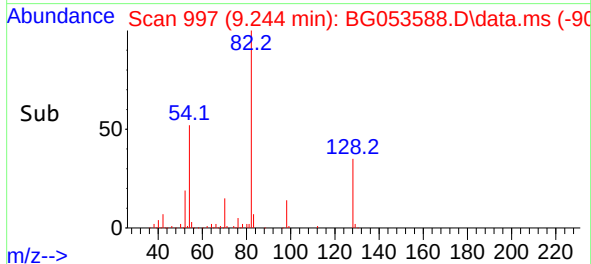
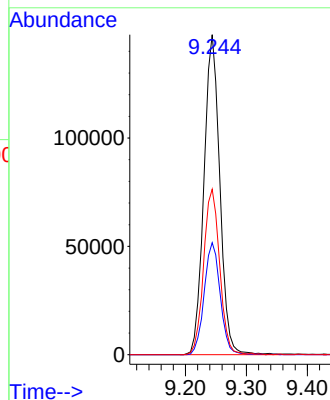
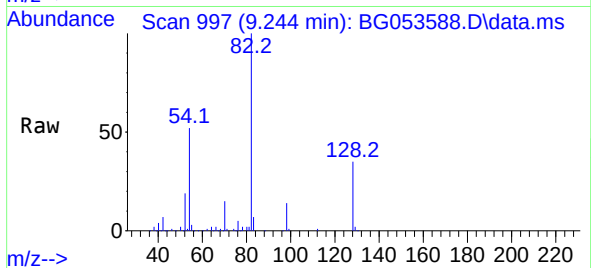
BNA_G

ClientSampleId :

RB-220511

Tgt Ion: 82 Resp: 268234

Ion	Ratio	Lower	Upper
82	100		
128	35.0	27.9	41.9
54	51.7	41.2	61.8



#36

4-Chloro-3-methylphenol

Concen: 3.032 ng

RT: 12.193 min Scan# 1499

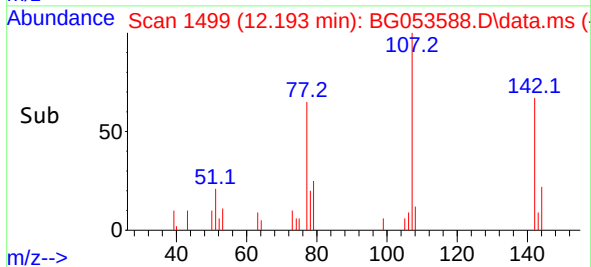
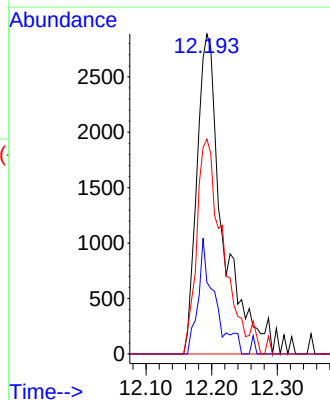
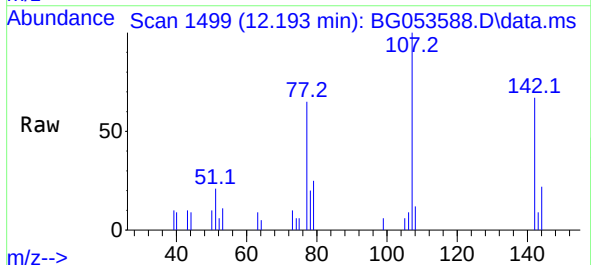
Delta R.T. 0.015 min

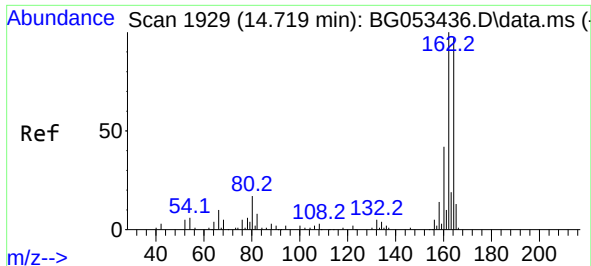
Lab File: BG053588.D

Acq: 17 May 2022 17:46

Tgt Ion: 107 Resp: 7986

Ion	Ratio	Lower	Upper
107	100		
144	22.3	18.5	27.7
142	67.1	55.0	82.4

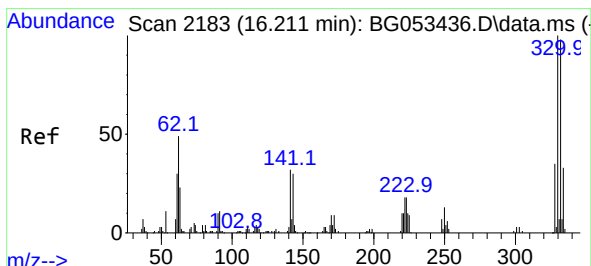
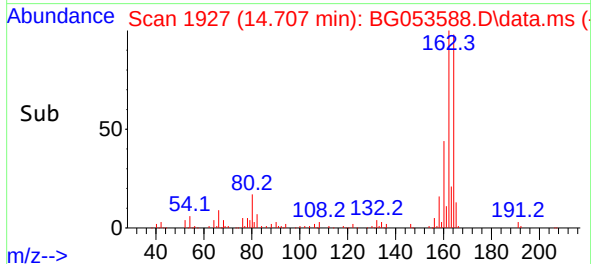
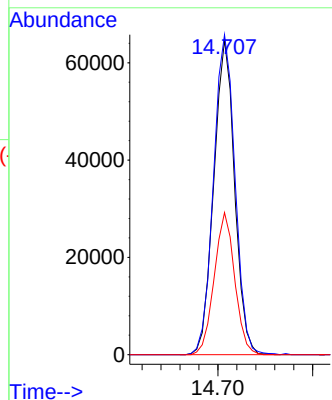
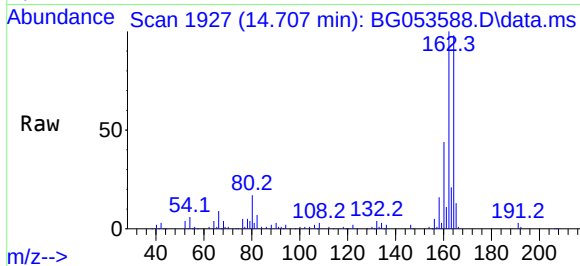




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.707 min Scan# 1927
Delta R.T. -0.009 min
Lab File: BG053588.D
Acq: 17 May 2022 17:46

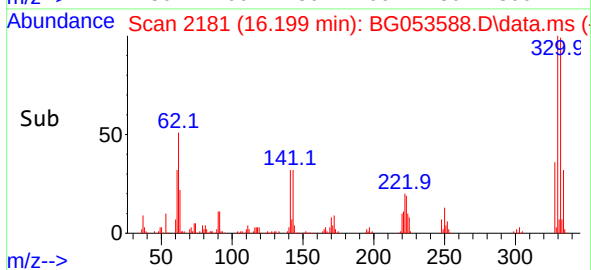
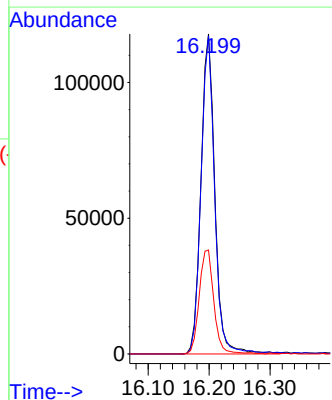
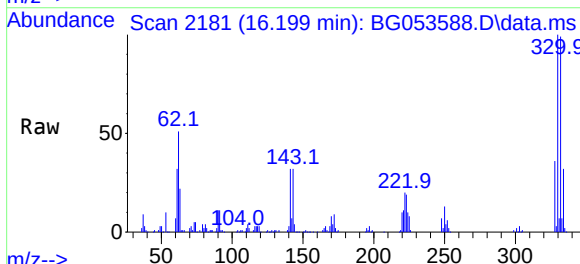
Instrument :
BNA_G
ClientSampleId :
RB-220511

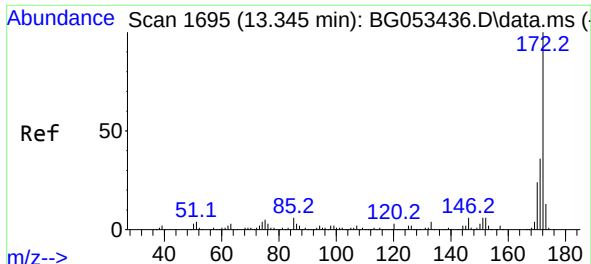
Tgt Ion:	164	Resp:	98490
Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.3	123.5
160	45.2	34.2	51.2



#42
2,4,6-Tribromophenol
Concen: 128.340 ng
RT: 16.199 min Scan# 2181
Delta R.T. -0.003 min
Lab File: BG053588.D
Acq: 17 May 2022 17:46

Tgt Ion:	330	Resp:	186429
Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.0	114.0
141	34.2	27.1	40.7

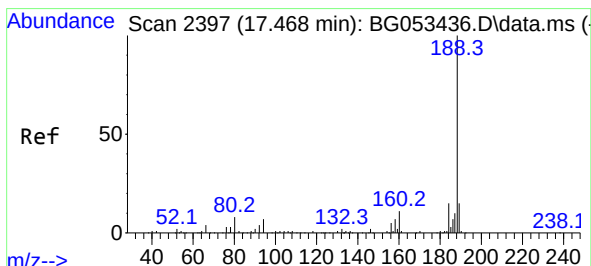
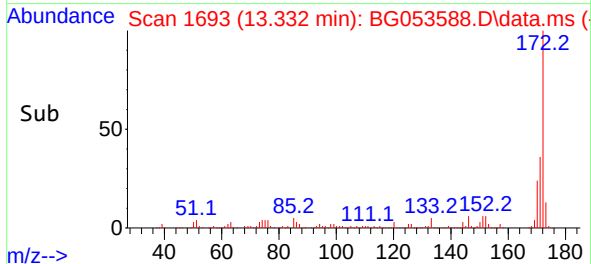
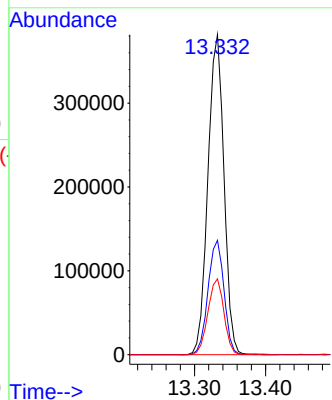
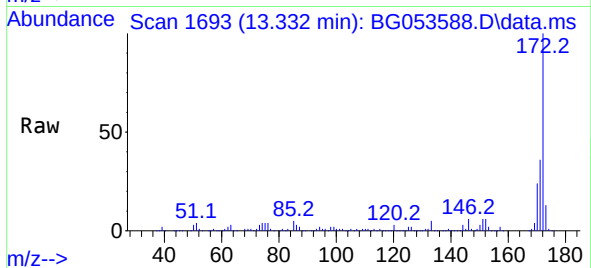




#45
2-Fluorobiphenyl
Concen: 89.100 ng
RT: 13.332 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053588.D
Acq: 17 May 2022 17:46

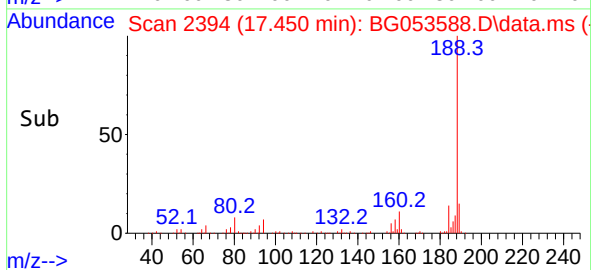
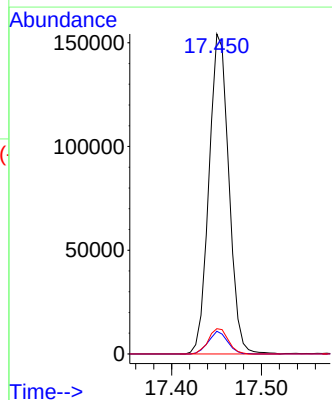
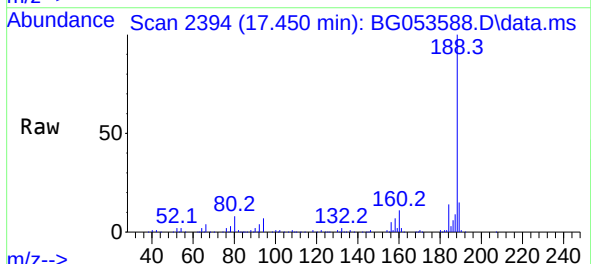
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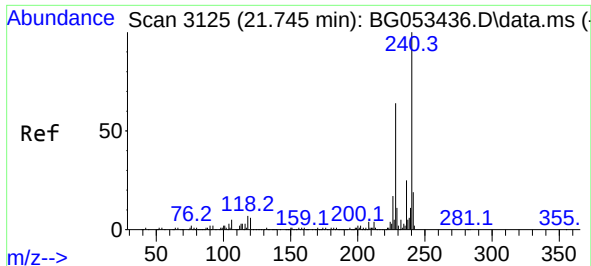
Tgt Ion:172 Resp: 600534
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.7 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.450 min Scan# 2394
Delta R.T. -0.009 min
Lab File: BG053588.D
Acq: 17 May 2022 17:46

Tgt Ion:188 Resp: 236840
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 7.9 6.8 10.2

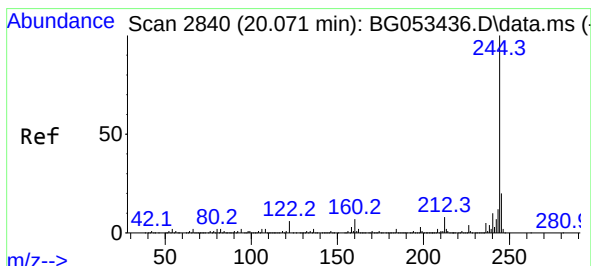
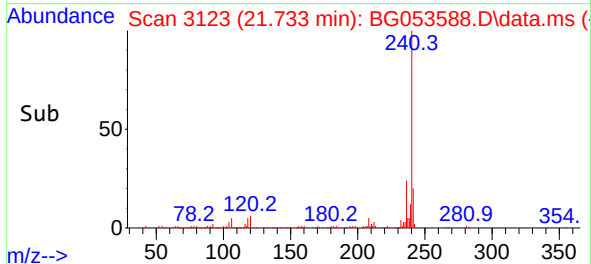
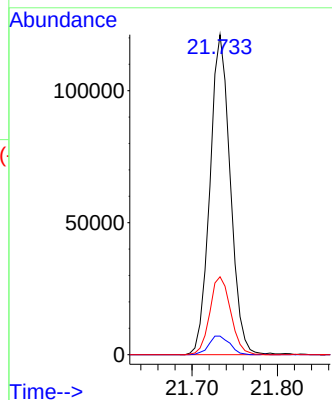
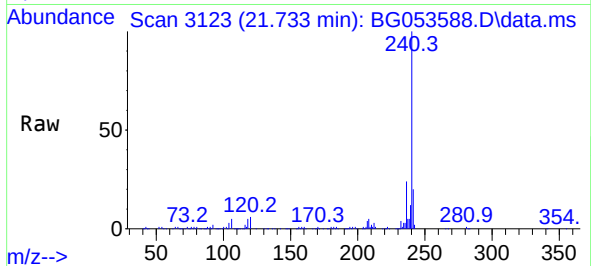




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG053588.D
Acq: 17 May 2022 17:46

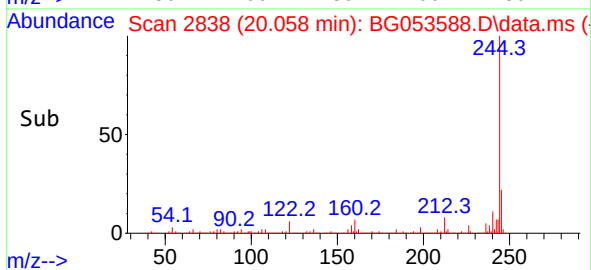
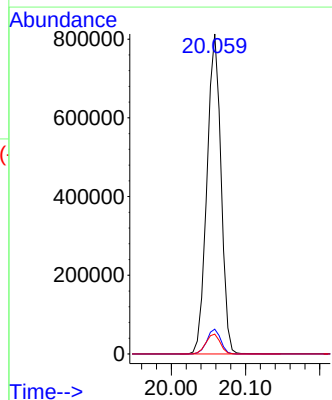
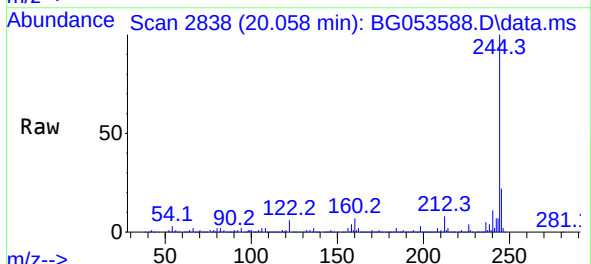
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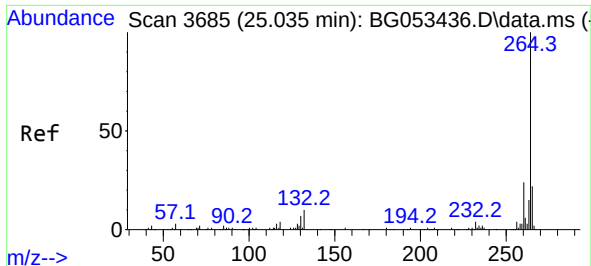
Tgt Ion:240 Resp: 200988
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 24.3 20.2 30.4



#79
Terphenyl-d14
Concen: 99.062 ng
RT: 20.058 min Scan# 2838
Delta R.T. -0.003 min
Lab File: BG053588.D
Acq: 17 May 2022 17:46

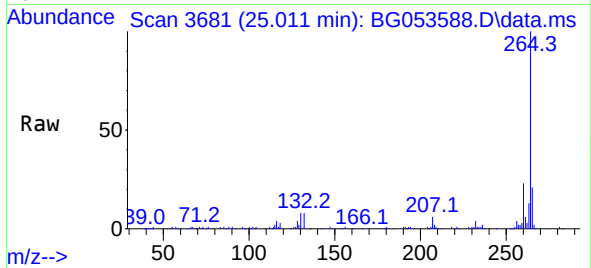
Tgt Ion:244 Resp: 1069025
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 6.2 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.011 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG053588.D
Acq: 17 May 2022 17:46

Instrument :
BNA_G
ClientSampleId :
RB-220511



Tgt Ion:264 Resp: 201347
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.2 17.4 26.2

