

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050724\
Data File : BG061133.D
Acq On : 7 May 2024 15:49
Operator : MA/JU
Sample : P2395-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATE

Quant Time: May 07 16:27:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	24951	20.000	ng	-0.03
21) Naphthalene-d8	10.732	136	101379	20.000	ng	#-0.03
39) Acenaphthene-d10	14.563	164	82443	20.000	ng	-0.03
64) Phenanthrene-d10	17.312	188	191751	20.000	ng	-0.02
76) Chrysene-d12	21.572	240	187190	20.000	ng	-0.02
86) Perylene-d12	24.698	264	225398	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	127815	104.181	ng	-0.02
7) Phenol-d6	7.113	99	181612	100.067	ng	-0.02
23) Nitrobenzene-d5	9.093	82	127476	62.333	ng	-0.03
42) 2,4,6-Tribromophenol	16.055	330	149760	90.880	ng	-0.02
45) 2-Fluorobiphenyl	13.188	172	365633	65.581	ng	-0.02
79) Terphenyl-d14	19.933	244	689862	61.293	ng	-0.02

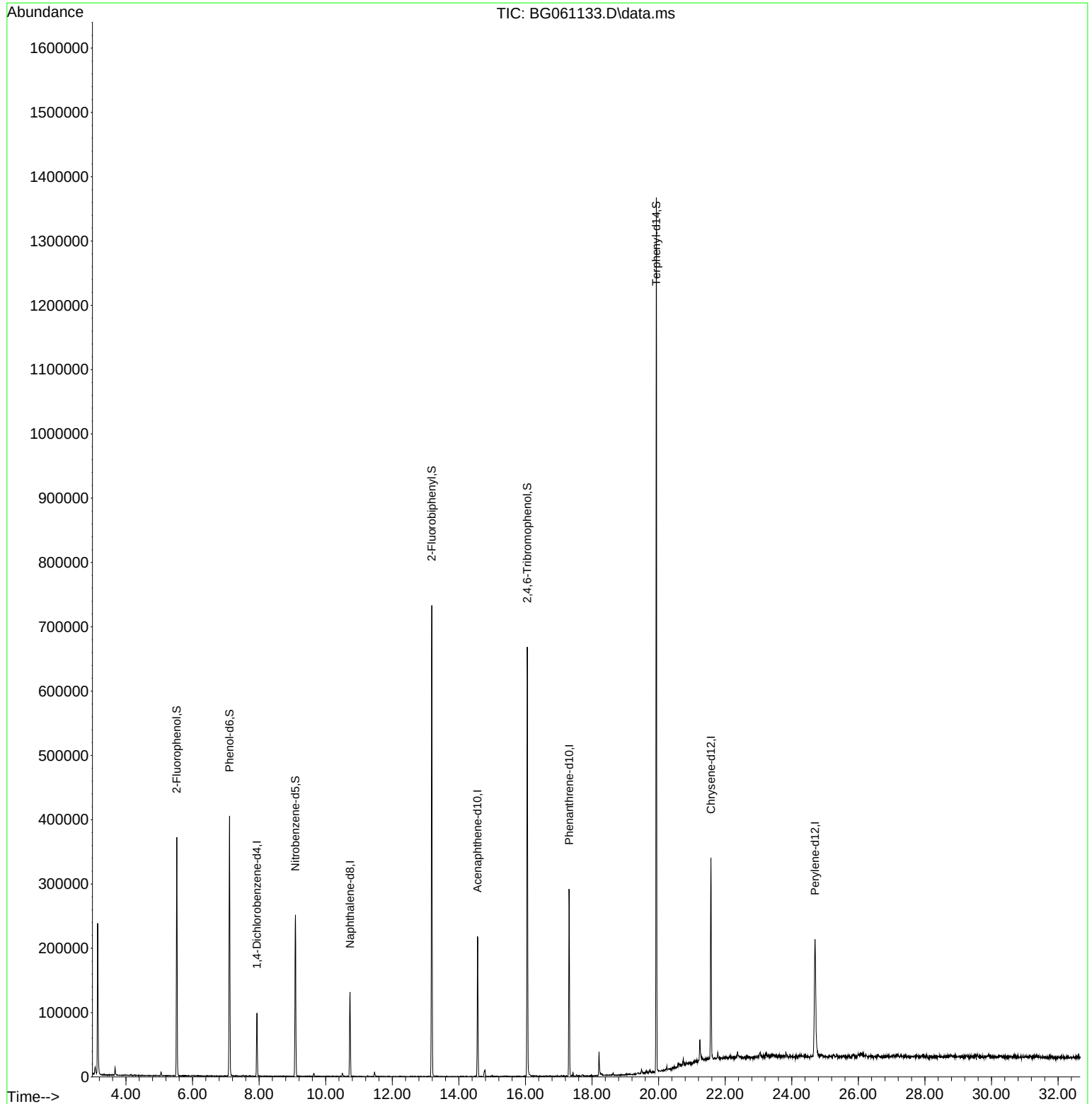
Target Compounds	Qvalue

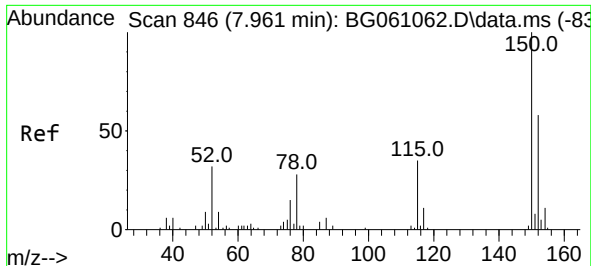
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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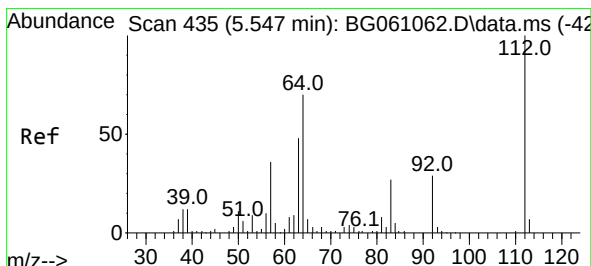
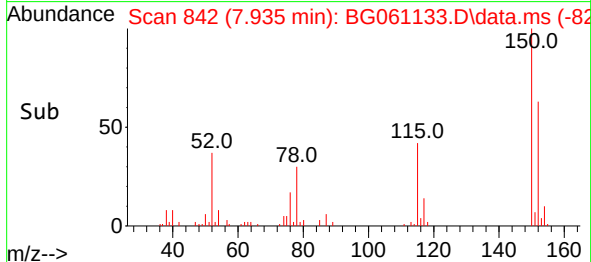
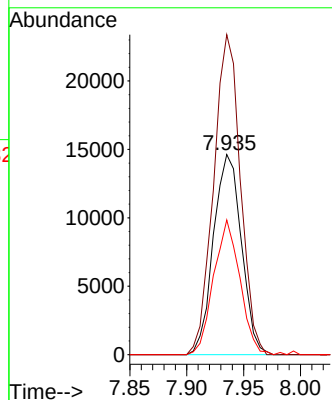
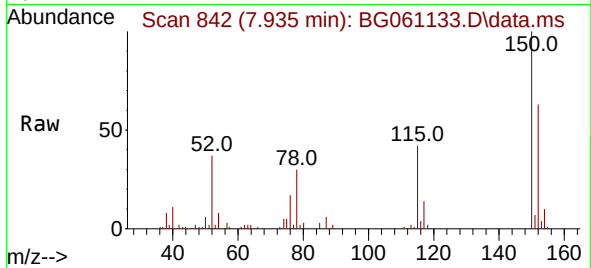




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 846
Delta R.T. -0.026 min
Lab File: BG061133.D
Acq: 7 May 2024 15:49

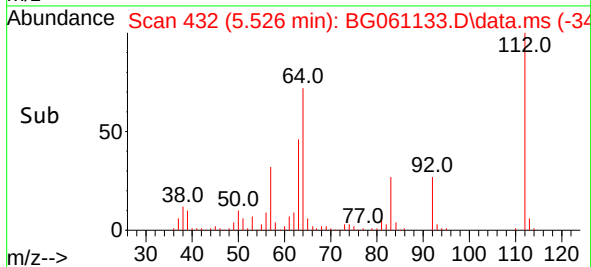
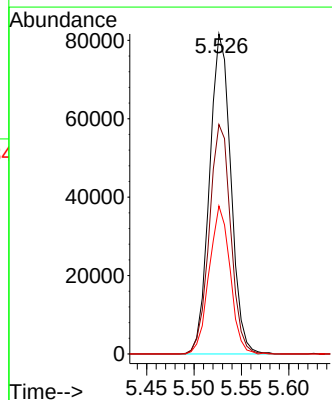
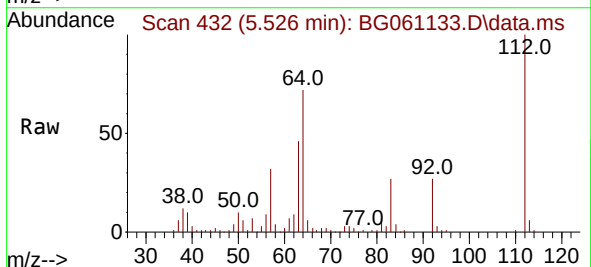
Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATE

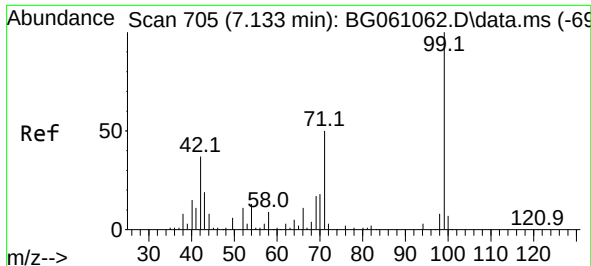
Tgt Ion:152 Resp: 24951
Ion Ratio Lower Upper
152 100
150 159.9 138.3 207.5
115 67.3 48.0 72.0



#5
2-Fluorophenol
Concen: 104.181 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061133.D
Acq: 7 May 2024 15:49

Tgt Ion:112 Resp: 127815
Ion Ratio Lower Upper
112 100
64 71.7 55.7 83.5
63 46.2 38.1 57.1

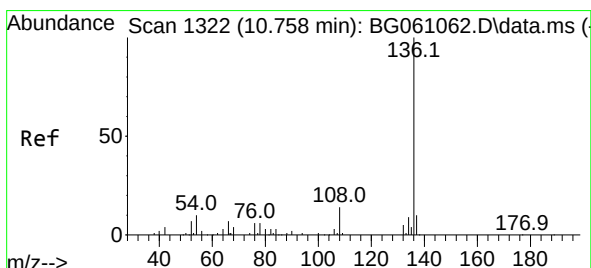
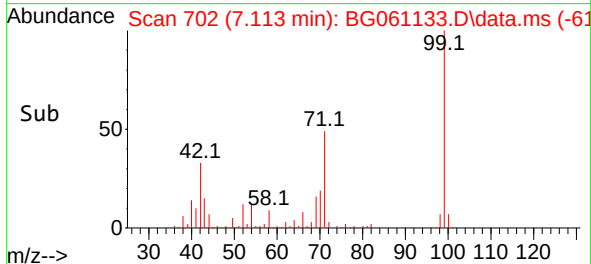
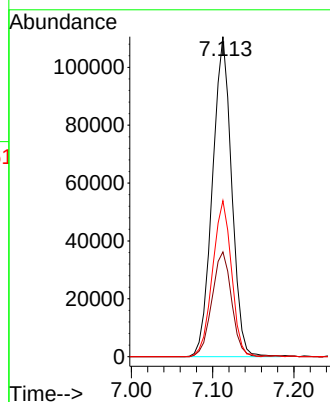
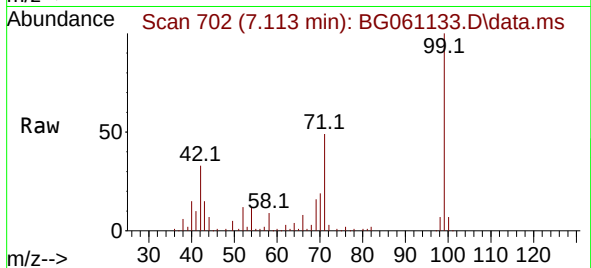




#7
Phenol-d6
Concen: 100.067 ng
RT: 7.113 min Scan# 705
Delta R.T. -0.020 min
Lab File: BG061133.D
Acq: 7 May 2024 15:49

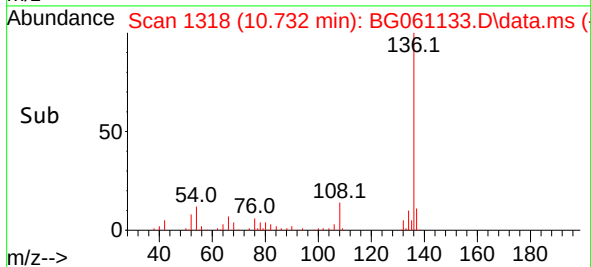
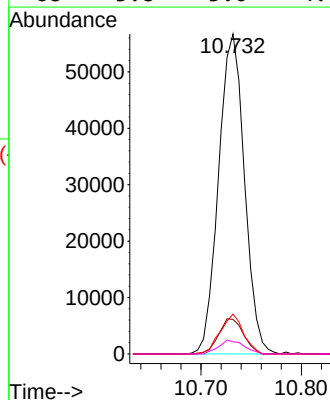
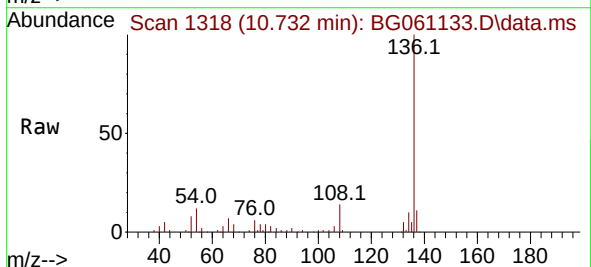
Instrument :
BNA_G
ClientSampleId :
SP-INSIDE-GATE

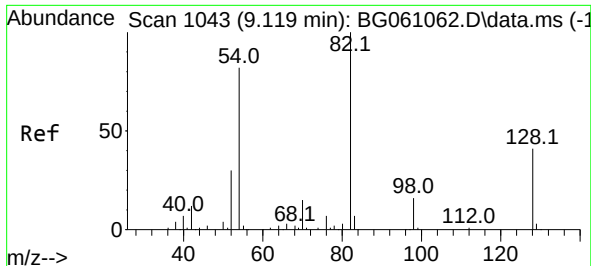
Tgt Ion: 99 Resp: 181612
Ion Ratio Lower Upper
99 100
42 32.7 29.2 43.8
71 48.7 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1318
Delta R.T. -0.026 min
Lab File: BG061133.D
Acq: 7 May 2024 15:49

Tgt Ion:136 Resp: 101379
Ion Ratio Lower Upper
136 100
137 10.8 7.8 11.6
54 12.5 8.1 12.1#
68 3.8 3.0 4.4





#23

Nitrobenzene-d5

Concen: 62.333 ng

RT: 9.093 min Scan# 1043

Delta R.T. -0.026 min

Lab File: BG061133.D

Acq: 7 May 2024 15:49

Instrument :

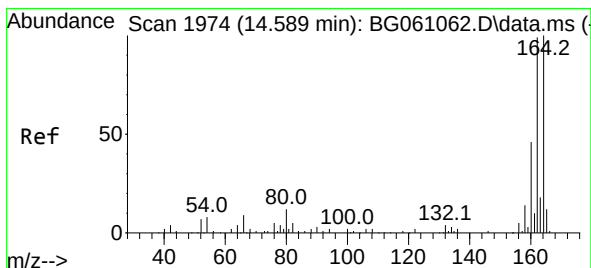
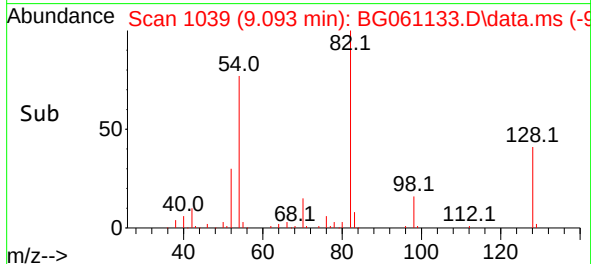
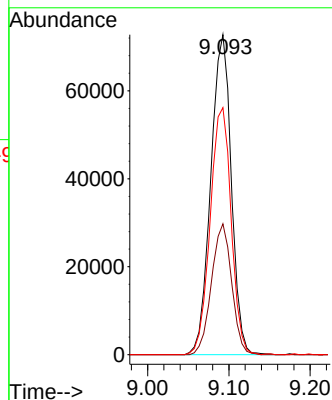
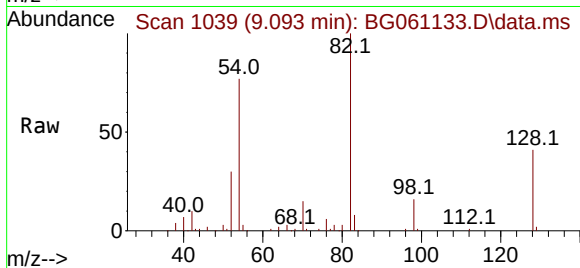
BNA_G

ClientSampleId :

SP-INSIDE-GATE

Tgt Ion: 82 Resp: 127476

Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.7	49.1
54	77.2	65.6	98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1970

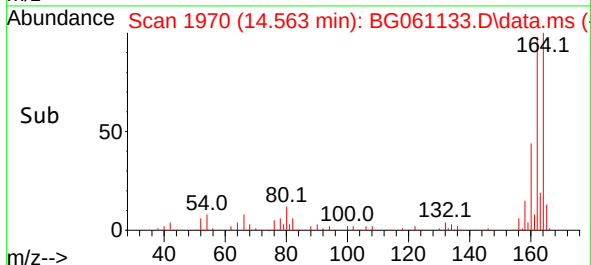
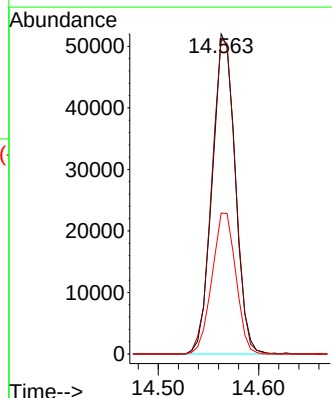
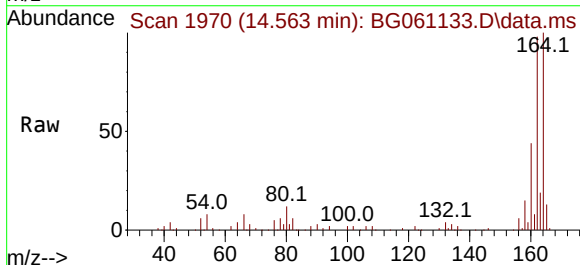
Delta R.T. -0.026 min

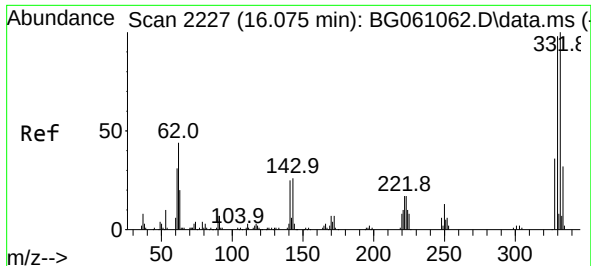
Lab File: BG061133.D

Acq: 7 May 2024 15:49

Tgt Ion:164 Resp: 82443

Ion	Ratio	Lower	Upper
164	100		
162	98.4	79.4	119.2
160	44.0	37.0	55.6

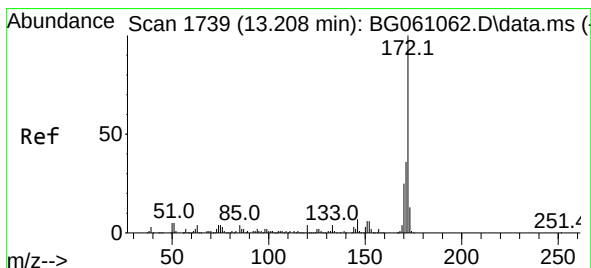
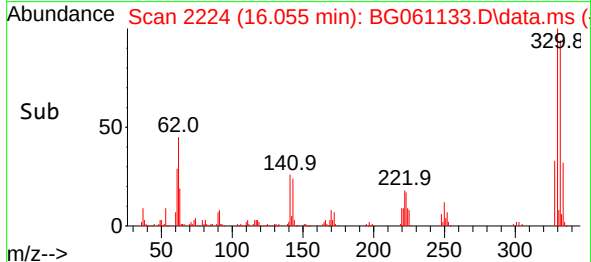
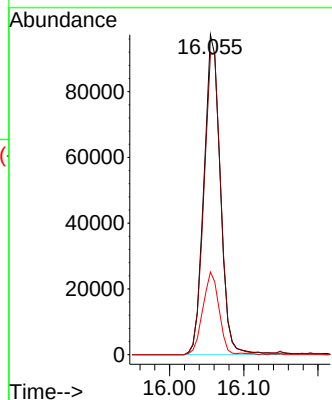
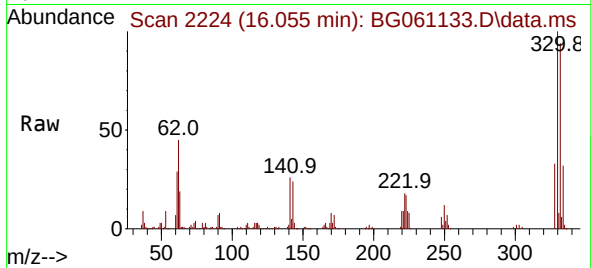




#42
2,4,6-Tribromophenol
Concen: 90.880 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.020 min
Lab File: BG061133.D
Acq: 7 May 2024 15:49

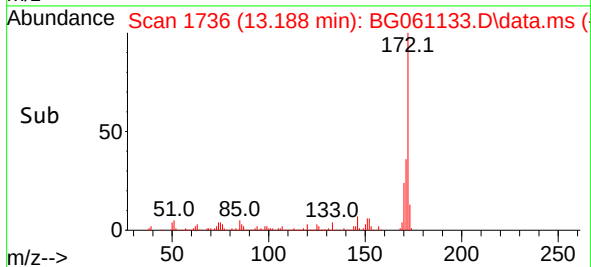
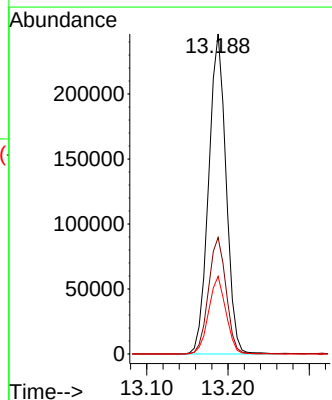
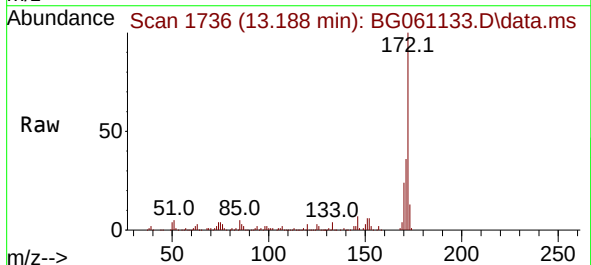
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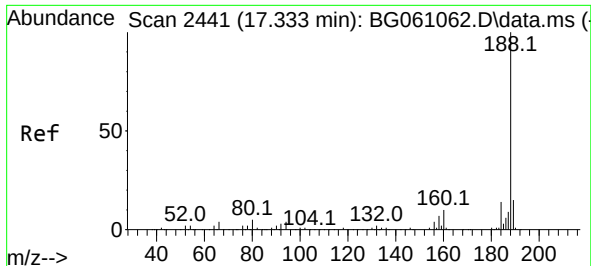
Tgt Ion:330 Resp: 149760
Ion Ratio Lower Upper
330 100
332 97.4 78.6 117.8
141 25.3 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 65.581 ng
RT: 13.188 min Scan# 1736
Delta R.T. -0.020 min
Lab File: BG061133.D
Acq: 7 May 2024 15:49

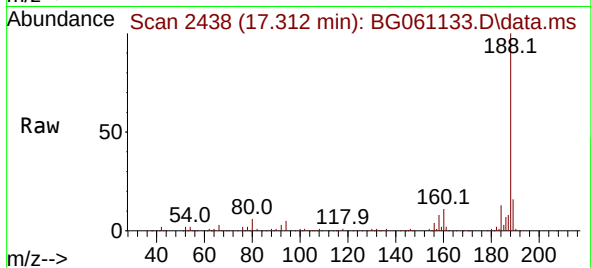
Tgt Ion:172 Resp: 365633
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 24.2 20.2 30.4



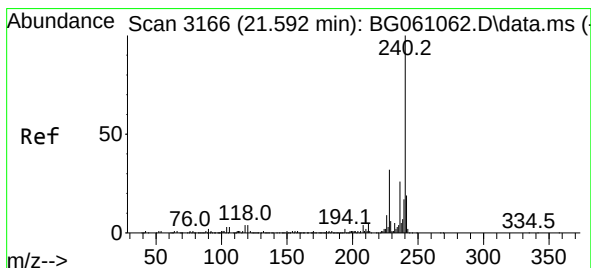
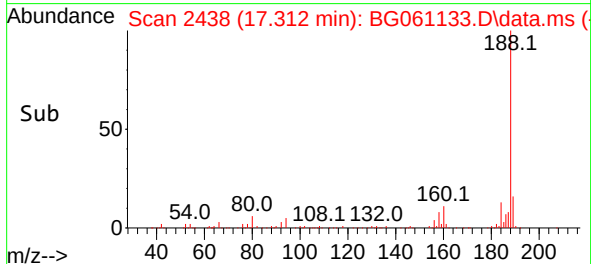
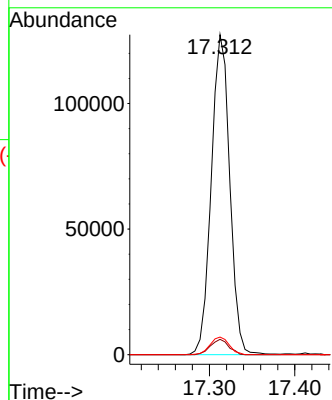


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2441
Delta R.T. -0.020 min
Lab File: BG061133.D
Acq: 7 May 2024 15:49

Instrument :
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ClientSampleId :
SP-INSIDE-GATE

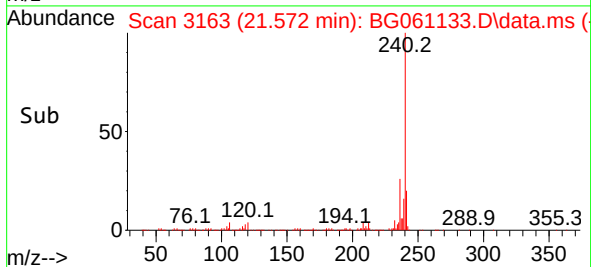
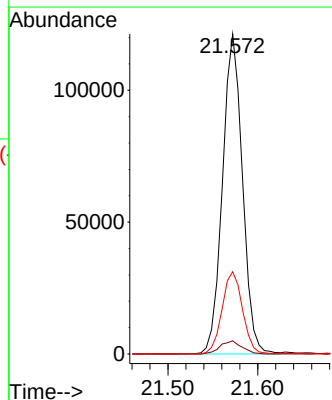
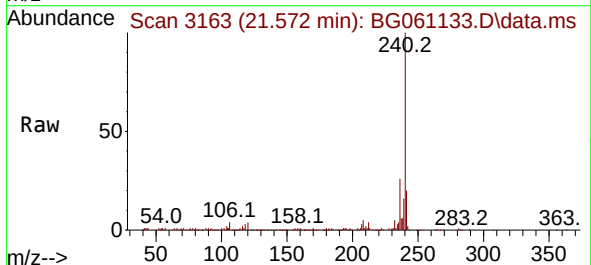


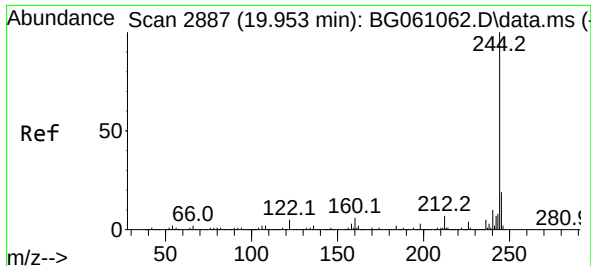
Tgt Ion:188 Resp: 191751
Ion Ratio Lower Upper
188 100
94 4.8 3.6 5.4
80 5.5 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3163
Delta R.T. -0.020 min
Lab File: BG061133.D
Acq: 7 May 2024 15:49

Tgt Ion:240 Resp: 187190
Ion Ratio Lower Upper
240 100
120 4.1 3.2 4.8
236 25.7 21.0 31.6

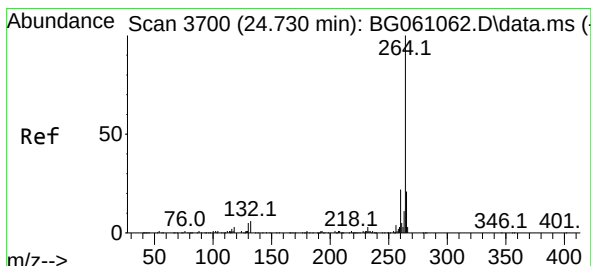
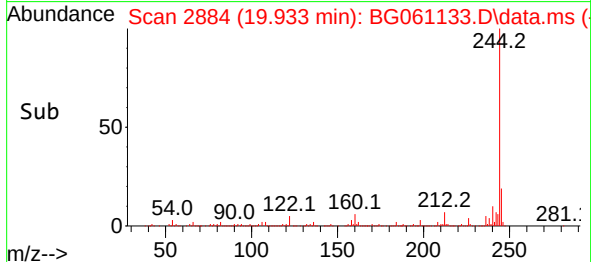
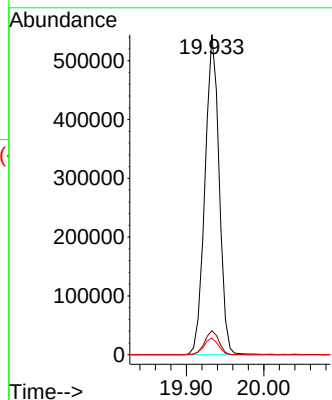
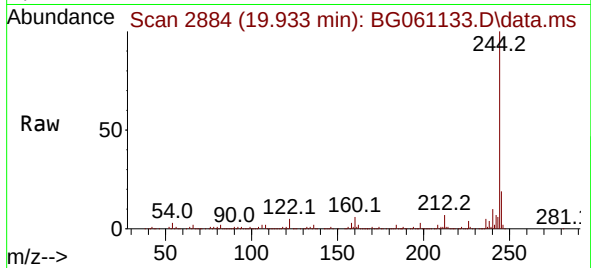




#79
Terphenyl-d14
Concen: 61.293 ng
RT: 19.933 min Scan# 21
Delta R.T. -0.020 min
Lab File: BG061133.D
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Tgt Ion:244 Resp: 689862
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 5.2 4.2 6.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.698 min Scan# 3695
Delta R.T. -0.032 min
Lab File: BG061133.D
Acq: 7 May 2024 15:49

Tgt Ion:264 Resp: 225398
Ion Ratio Lower Upper
264 100
260 25.3 17.7 26.5
265 21.3 16.4 24.6

