

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060032.D
 Acq On : 15 Dec 2023 12:27
 Operator : MA/JU
 Sample : 05827-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-SB-07-23.5-24.5

Quant Time: Dec 15 13:05:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	55721	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	210926	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	171364	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	574377	20.000	ng	0.00
76) Chrysene-d12	21.613	240	793739	20.000	ng	0.00
86) Perylene-d12	24.798	264	921431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	275913	84.766	ng	0.00
7) Phenol-d6	7.113	99	377226	82.387	ng	0.00
23) Nitrobenzene-d5	9.116	82	247394	53.259	ng	0.00
42) 2,4,6-Tribromophenol	16.079	330	362662	90.811	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	711631	50.825	ng	0.00
79) Terphenyl-d14	19.962	244	2075129	47.731	ng	0.00

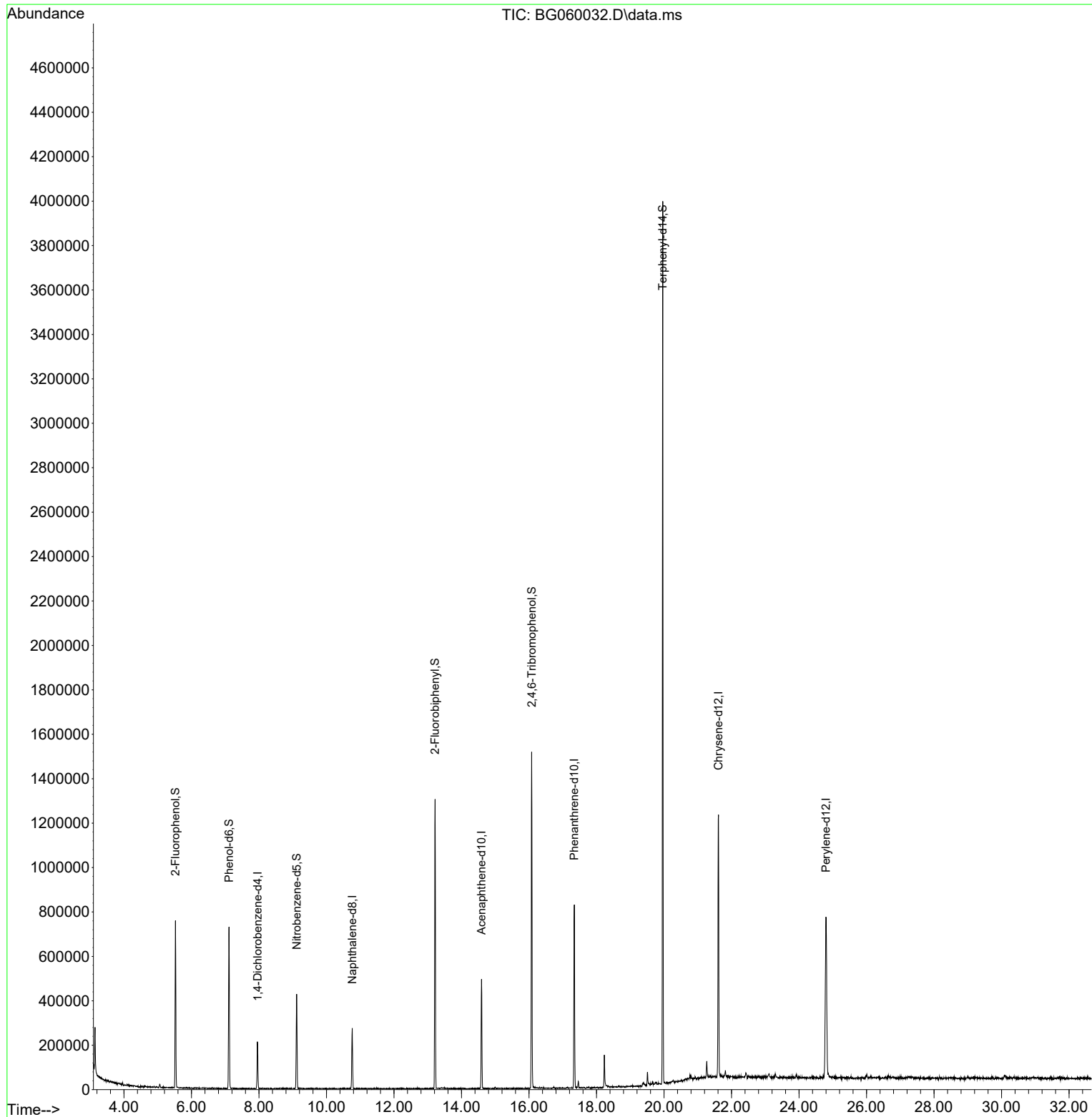
Target Compounds	Qvalue

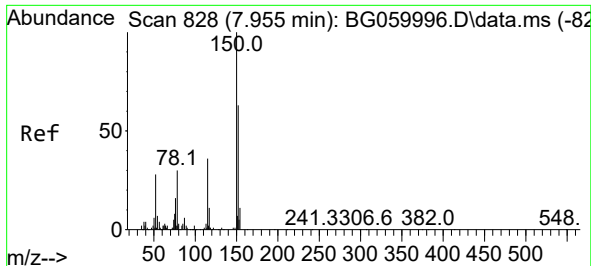
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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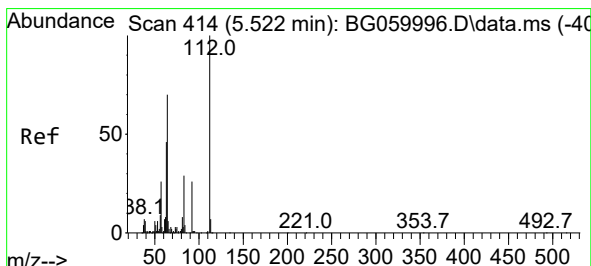
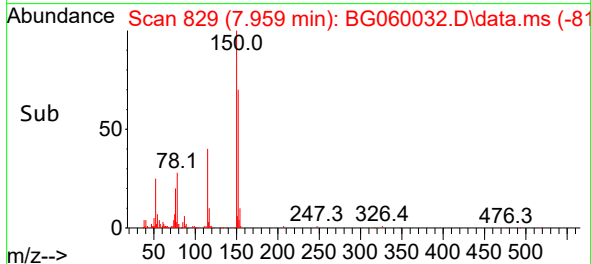
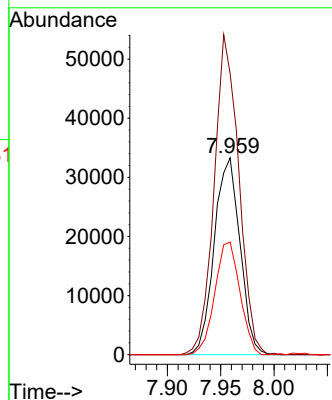
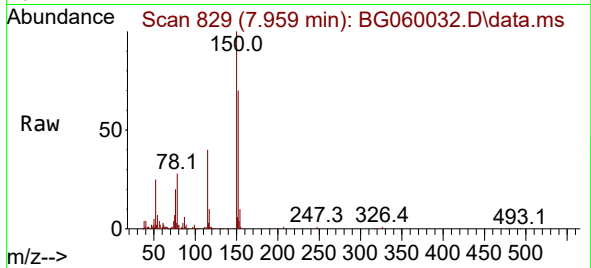




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG060032.D
Acq: 15 Dec 2023 12:27

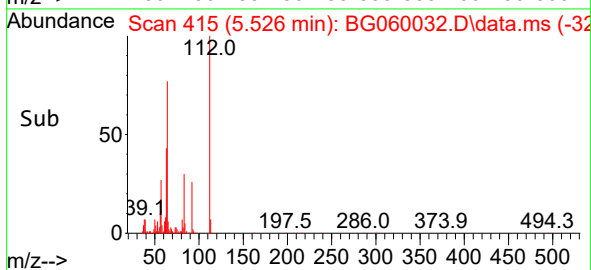
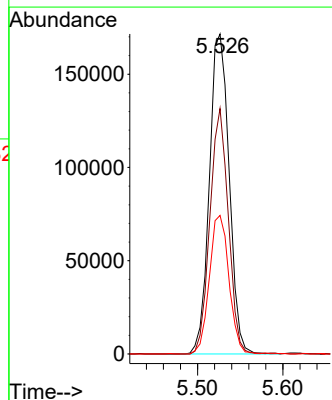
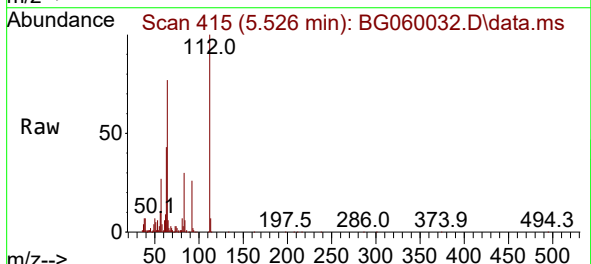
Instrument :
BNA_G
ClientSampleId :
RT-SB-07-23.5-24.5

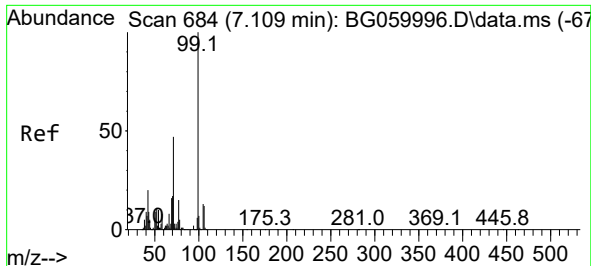
Tgt Ion:152 Resp: 55721
Ion Ratio Lower Upper
152 100
150 142.8 127.0 190.6
115 57.2 45.7 68.5



#5
2-Fluorophenol
Concen: 84.766 ng
RT: 5.526 min Scan# 415
Delta R.T. 0.004 min
Lab File: BG060032.D
Acq: 15 Dec 2023 12:27

Tgt Ion:112 Resp: 275913
Ion Ratio Lower Upper
112 100
64 76.7 55.9 83.9
63 43.3 36.5 54.7

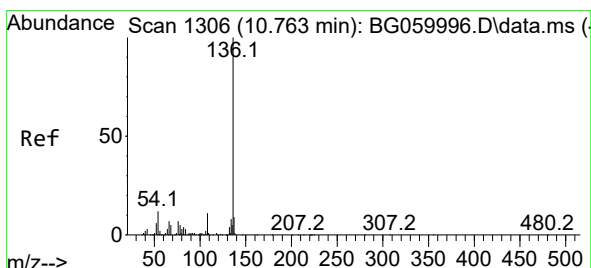
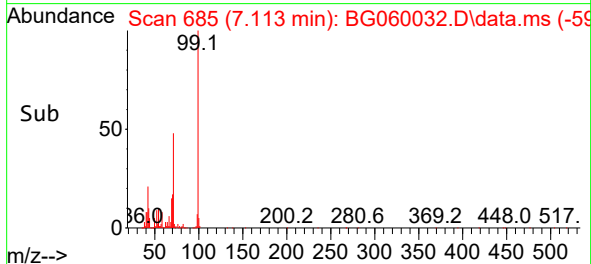
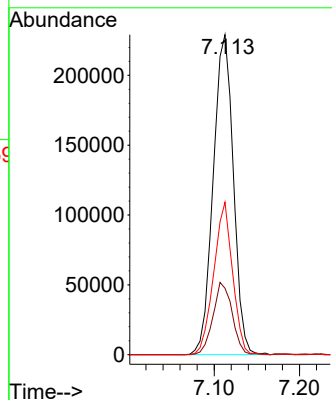
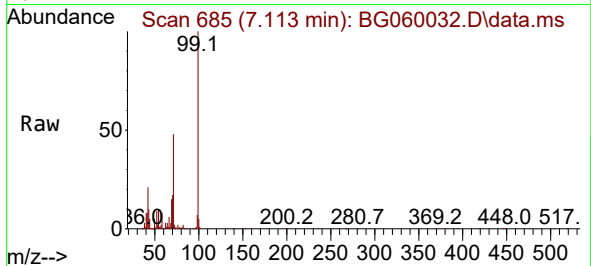




#7
Phenol-d6
Concen: 82.387 ng
RT: 7.113 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG060032.D
Acq: 15 Dec 2023 12:27

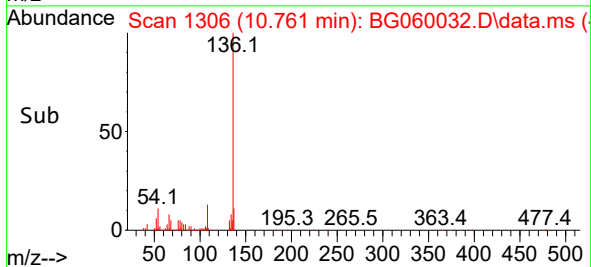
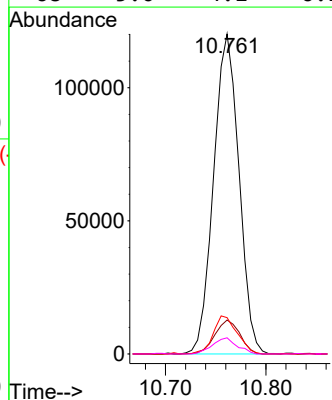
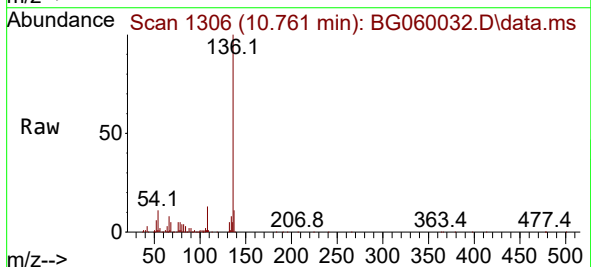
Instrument :
BNA_G
ClientSampleId :
RT-SB-07-23.5-24.5

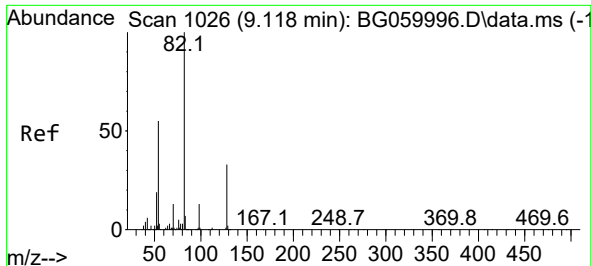
Tgt Ion: 99 Resp: 377226
Ion Ratio Lower Upper
99 100
42 20.8 16.2 24.4
71 47.7 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1306
Delta R.T. -0.002 min
Lab File: BG060032.D
Acq: 15 Dec 2023 12:27

Tgt Ion: 136 Resp: 210926
Ion Ratio Lower Upper
136 100
137 10.6 7.3 10.9
54 11.3 9.6 14.4
68 5.0 4.1 6.1

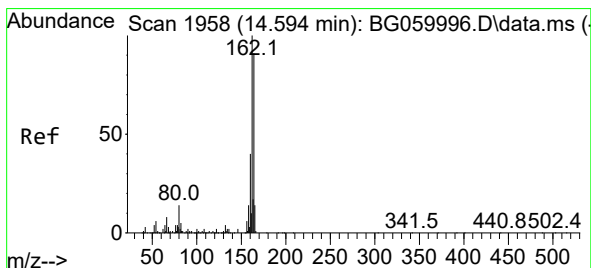
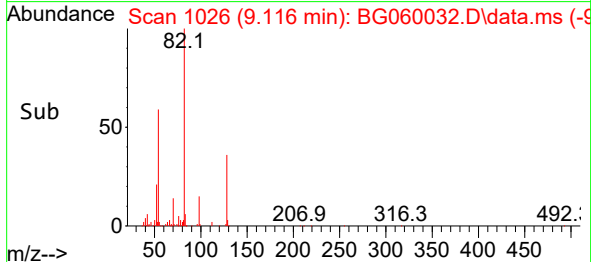
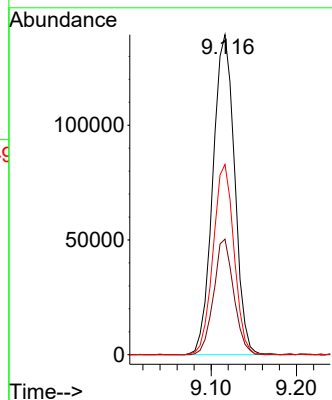
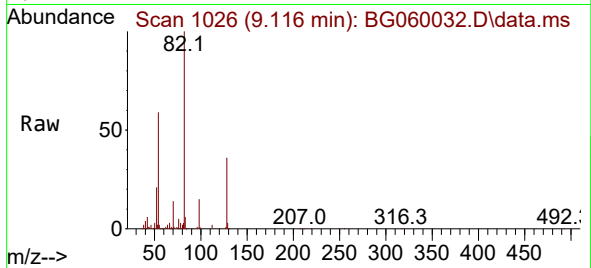




#23
Nitrobenzene-d5
Concen: 53.259 ng
RT: 9.116 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG060032.D
Acq: 15 Dec 2023 12:27

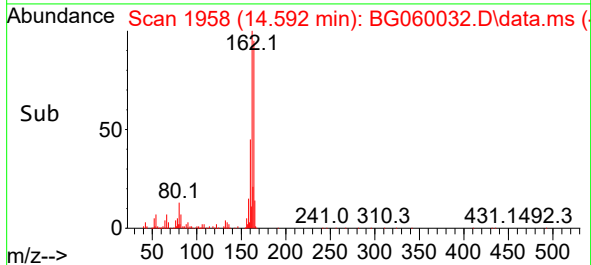
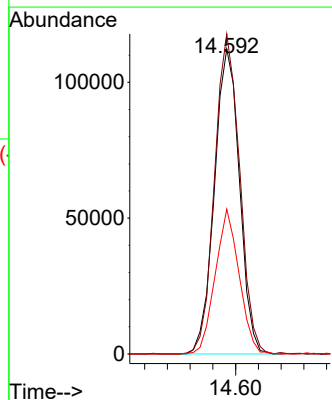
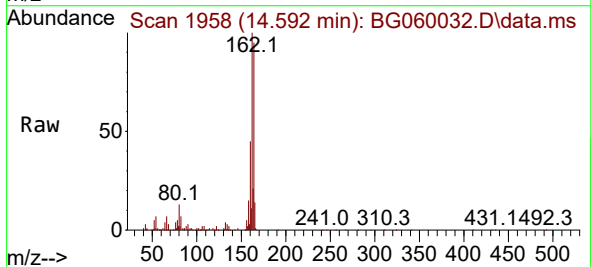
Instrument :
BNA_G
ClientSampleId :
RT-SB-07-23.5-24.5

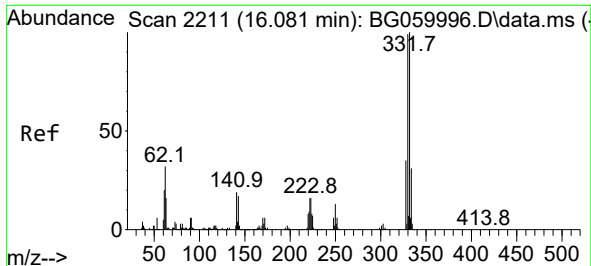
Tgt Ion: 82 Resp: 247394
Ion Ratio Lower Upper
82 100
128 36.1 26.3 39.5
54 59.5 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG060032.D
Acq: 15 Dec 2023 12:27

Tgt Ion: 164 Resp: 171364
Ion Ratio Lower Upper
164 100
162 104.9 88.1 132.1
160 47.5 35.4 53.0

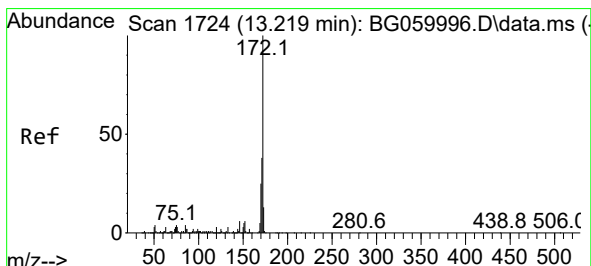
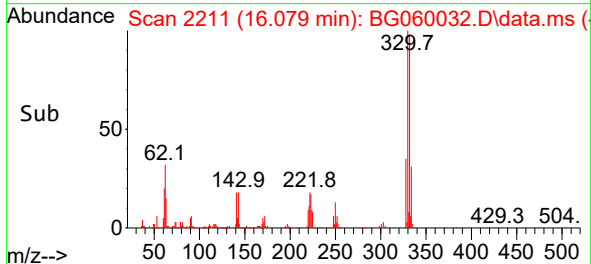
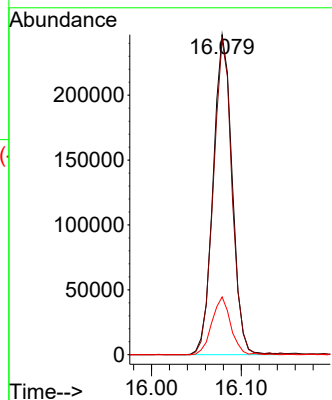
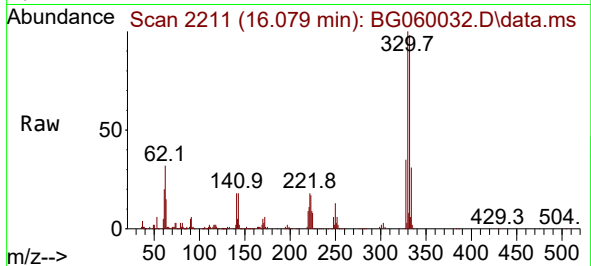




#42
2,4,6-Tribromophenol
Concen: 90.811 ng
RT: 16.079 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060032.D
Acq: 15 Dec 2023 12:27

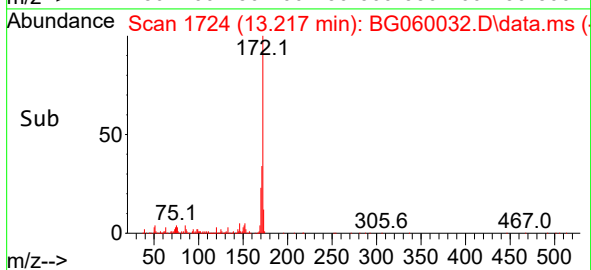
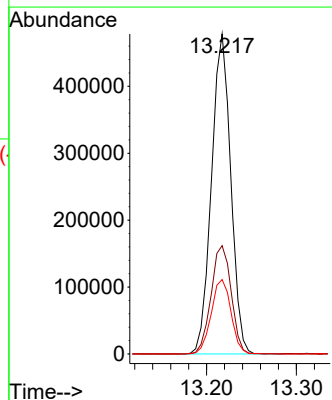
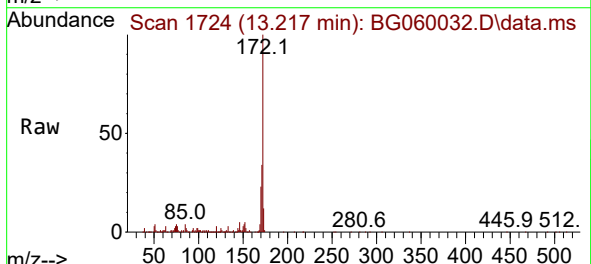
Instrument :
BNA_G
ClientSampleId :
RT-SB-07-23.5-24.5

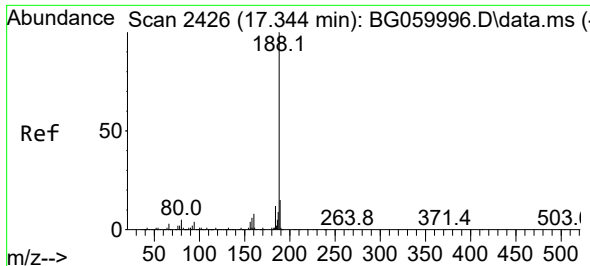
Tgt Ion:330 Resp: 362662
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 17.8 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 50.825 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BG060032.D
Acq: 15 Dec 2023 12:27

Tgt Ion:172 Resp: 711631
Ion Ratio Lower Upper
172 100
171 33.8 30.1 45.1
170 23.3 20.0 30.0

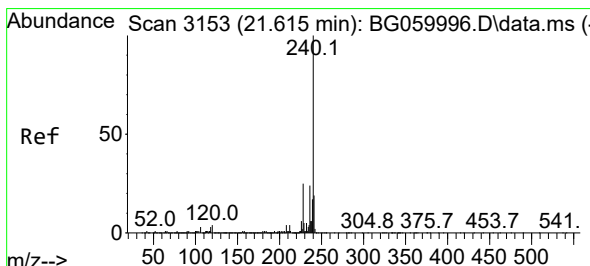
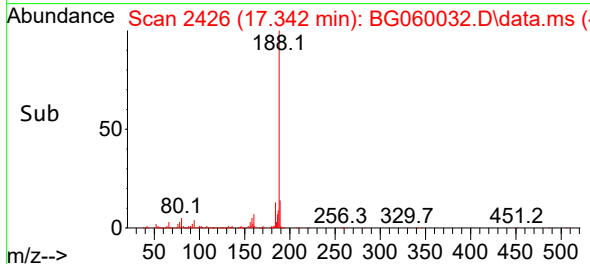
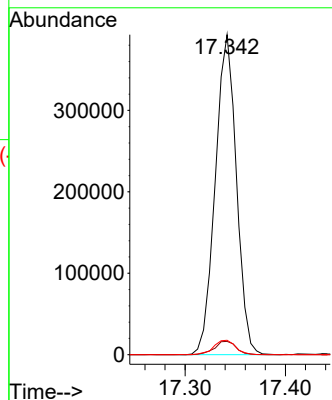
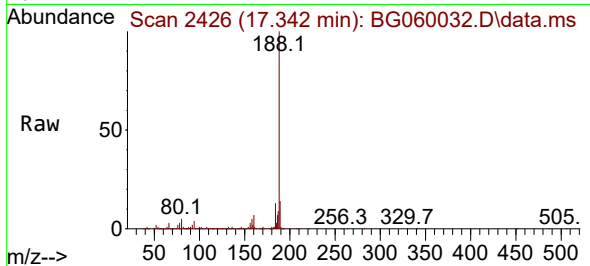




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2426
Delta R.T. -0.002 min
Lab File: BG060032.D
Acq: 15 Dec 2023 12:27

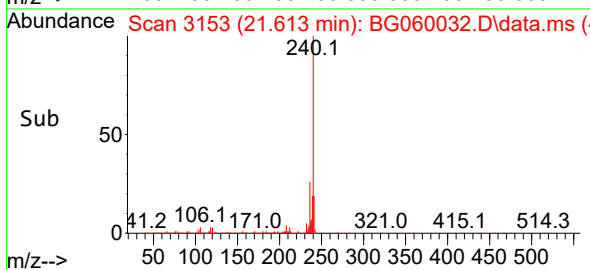
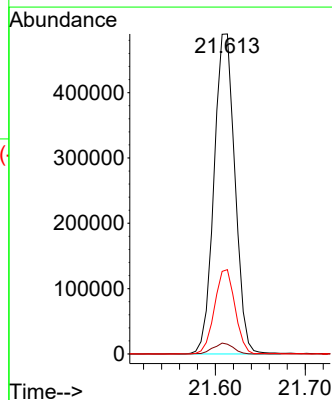
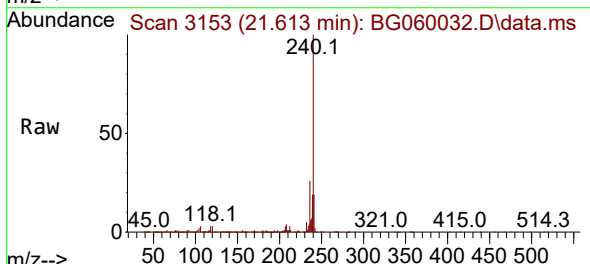
Instrument :
BNA_G
ClientSampleId :
RT-SB-07-23.5-24.5

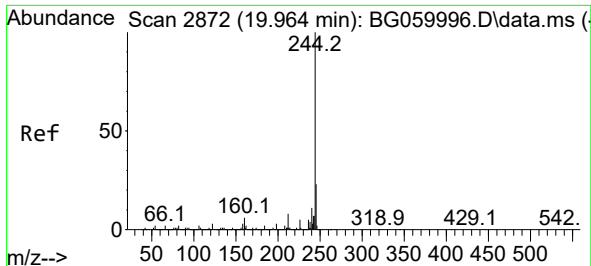
Tgt Ion:188 Resp: 574377
Ion Ratio Lower Upper
188 100
94 4.2 3.0 4.6
80 4.5 4.0 6.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.613 min Scan# 3153
Delta R.T. -0.002 min
Lab File: BG060032.D
Acq: 15 Dec 2023 12:27

Tgt Ion:240 Resp: 793739
Ion Ratio Lower Upper
240 100
120 3.0 2.9 4.3
236 26.4 19.4 29.2





#79

Terphenyl-d14

Concen: 47.731 ng

RT: 19.962 min Scan# 2

Delta R.T. -0.002 min

Lab File: BG060032.D

Acq: 15 Dec 2023 12:27

Instrument :

BNA_G

ClientSampleId :

RT-SB-07-23.5-24.5

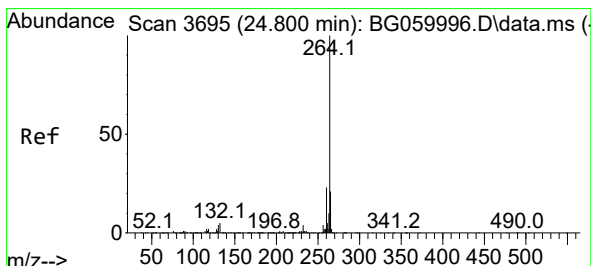
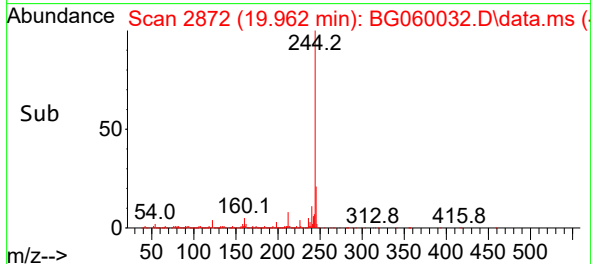
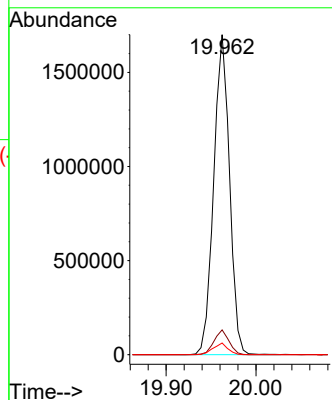
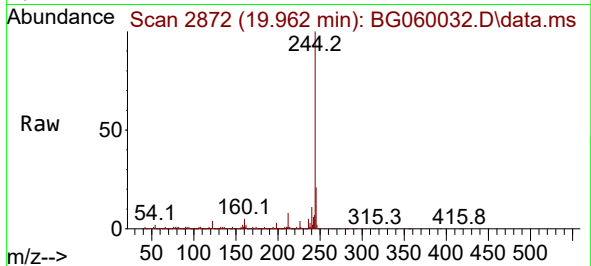
Tgt Ion:244 Resp: 2075129

Ion Ratio Lower Upper

244 100

212 7.7 6.8 10.2

122 3.6 2.6 3.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.798 min Scan# 3695

Delta R.T. -0.002 min

Lab File: BG060032.D

Acq: 15 Dec 2023 12:27

Tgt Ion:264 Resp: 921431

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 20.7 17.3 25.9

