

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
 Data File : BG060545.D
 Acq On : 1 Feb 2024 23:03
 Operator : MA/JU
 Sample : P1311-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Feb 02 00:43:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	107191	20.000	ng	0.00
21) Naphthalene-d8	10.720	136	415495	20.000	ng	-0.01
39) Acenaphthene-d10	14.557	164	314257	20.000	ng	-0.01
64) Phenanthrene-d10	17.306	188	955053	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1001886	20.000	ng	0.00
86) Perylene-d12	24.733	264	992555	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	830721	127.470	ng	0.00
7) Phenol-d6	7.089	99	1072706	111.159	ng	0.00
23) Nitrobenzene-d5	9.081	82	816175	92.756	ng	-0.01
42) 2,4,6-Tribromophenol	16.049	330	828166	179.116	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	2106311	93.186	ng	0.00
79) Terphenyl-d14	19.927	244	4368645	148.424	ng	0.00

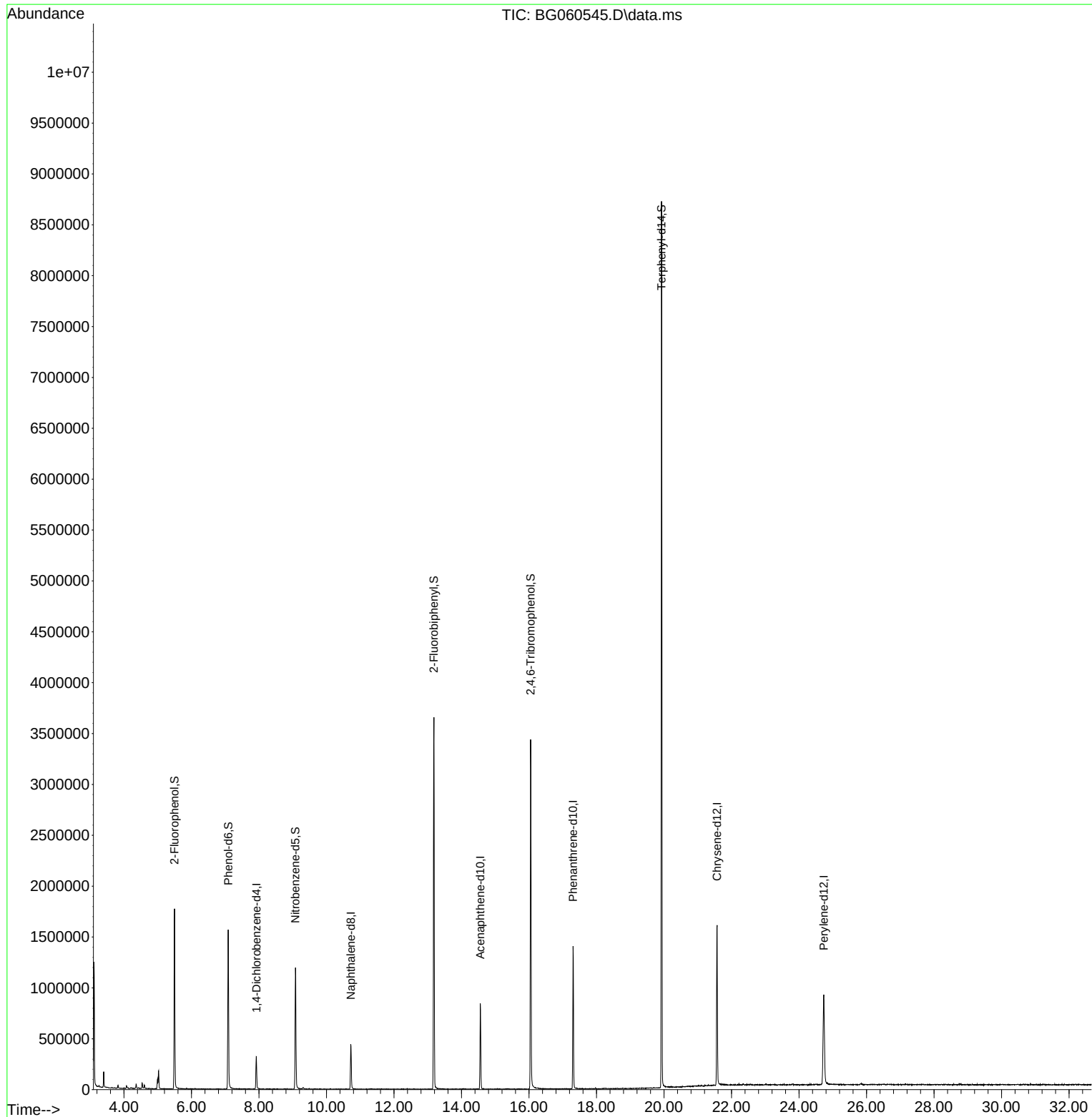
Target Compounds	Qvalue

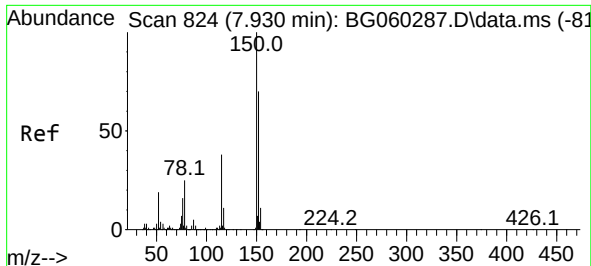
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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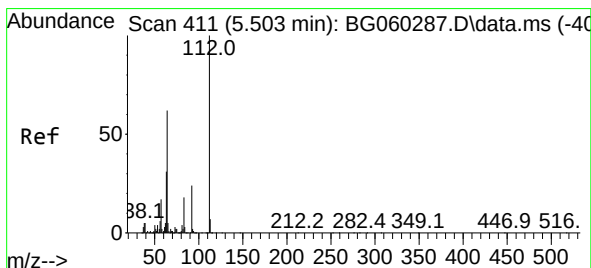
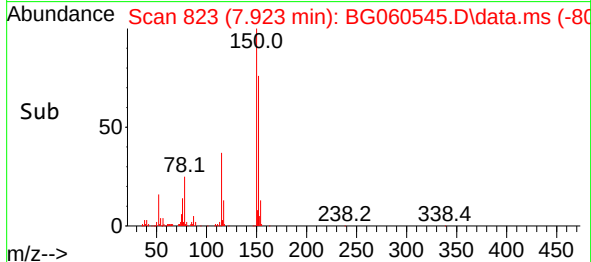
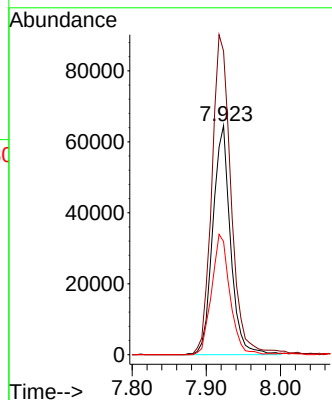
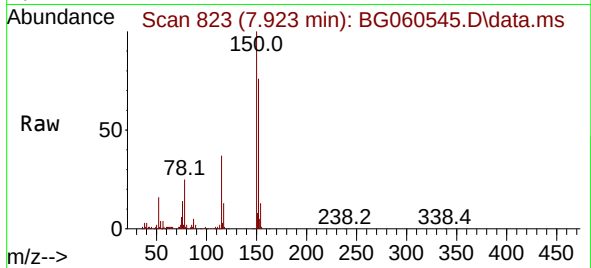




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

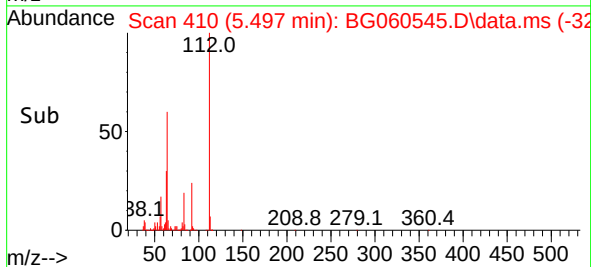
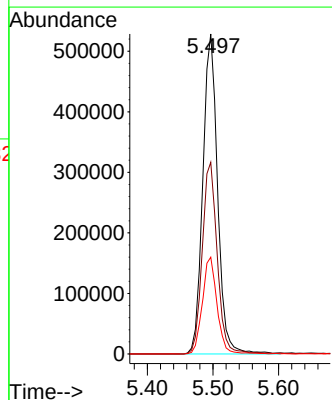
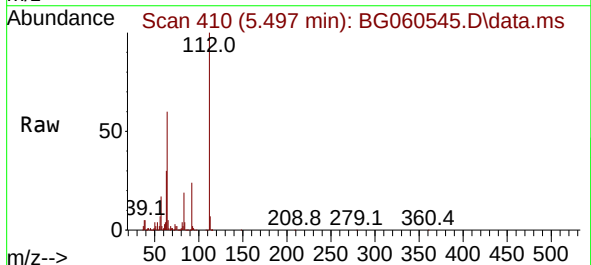
Instrument :
BNA_G
ClientSampleId :
TP-2

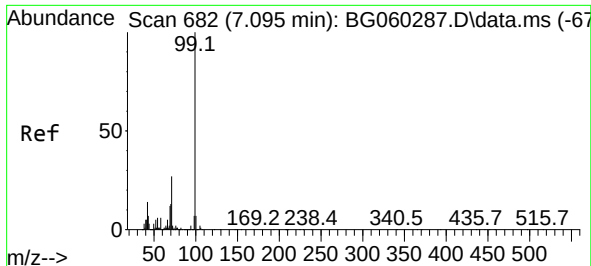
Tgt Ion:152 Resp: 107191
Ion Ratio Lower Upper
152 100
150 132.4 114.5 171.7
115 49.4 43.0 64.6



#5
2-Fluorophenol
Concen: 127.470 ng
RT: 5.497 min Scan# 410
Delta R.T. -0.006 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

Tgt Ion:112 Resp: 830721
Ion Ratio Lower Upper
112 100
64 59.9 49.8 74.6
63 30.3 24.4 36.6



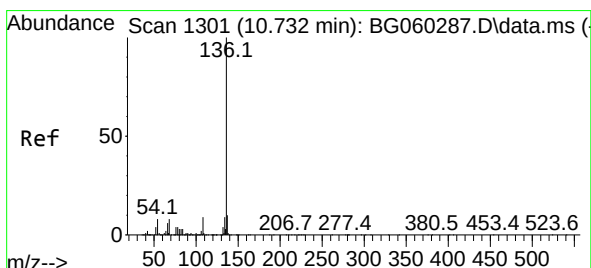
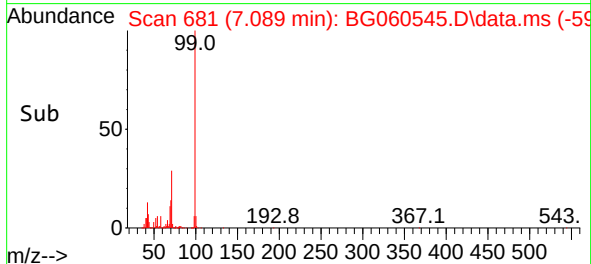
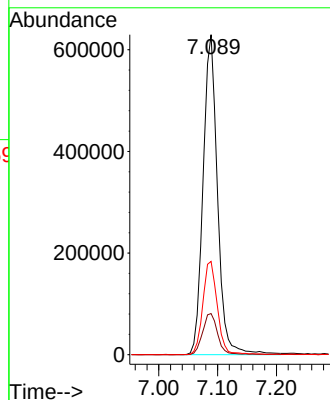
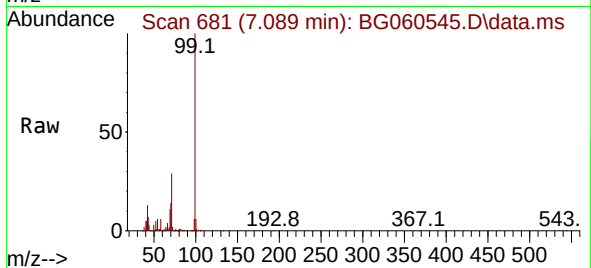


#7
Phenol-d6
Concen: 111.159 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 1072706

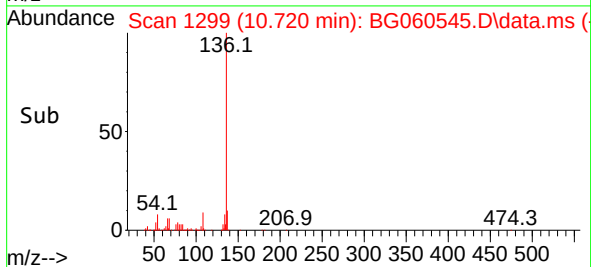
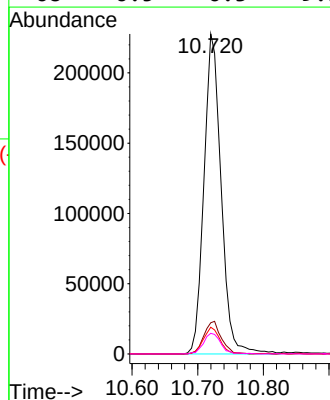
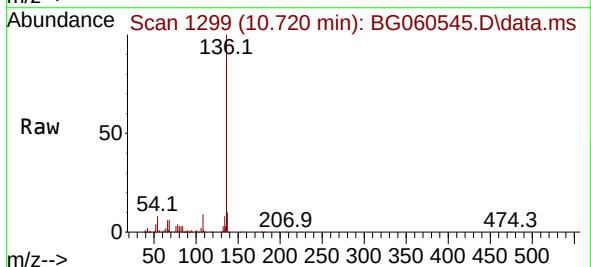
Ion	Ratio	Lower	Upper
99	100		
42	12.8	10.9	16.3
71	29.1	21.5	32.3

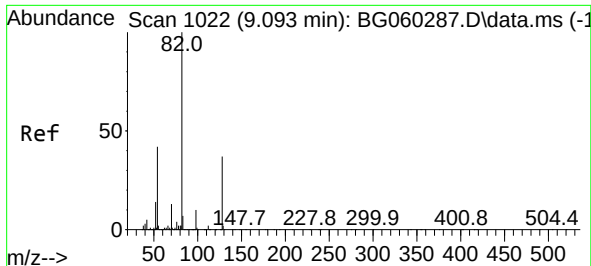


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.720 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

Tgt Ion: 136 Resp: 415495

Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.2	12.4
54	8.3	6.2	9.2
68	6.5	6.3	9.5

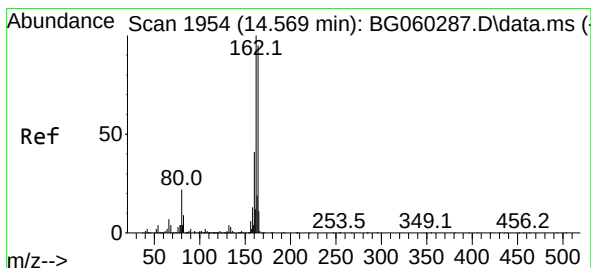
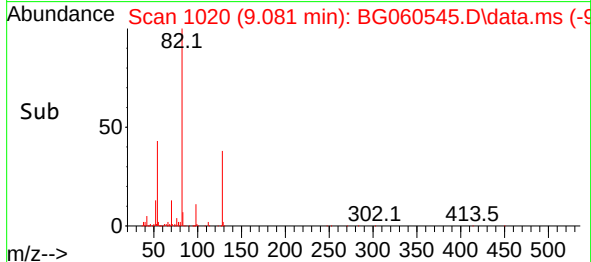
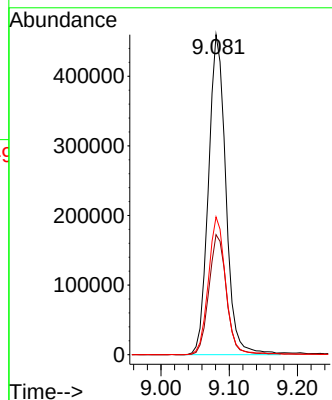
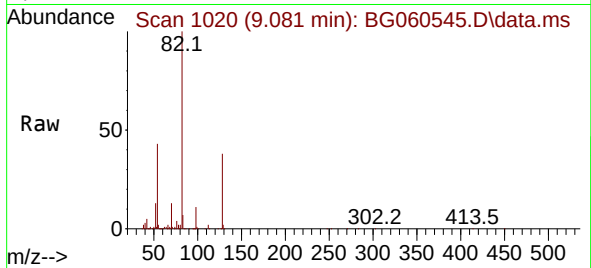




#23
Nitrobenzene-d5
Concen: 92.756 ng
RT: 9.081 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

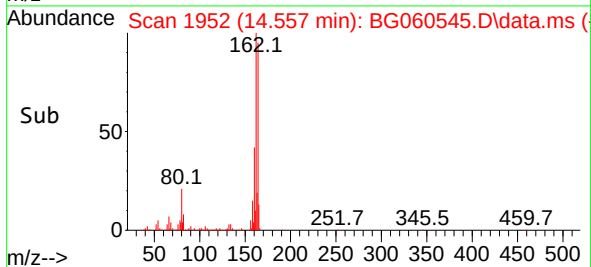
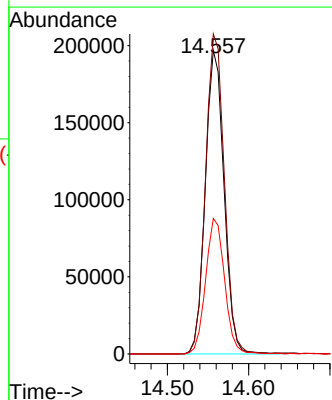
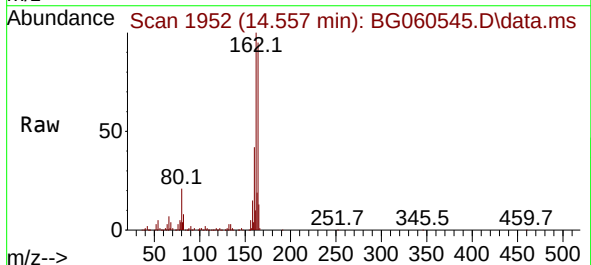
Instrument :
BNA_G
ClientSampleId :
TP-2

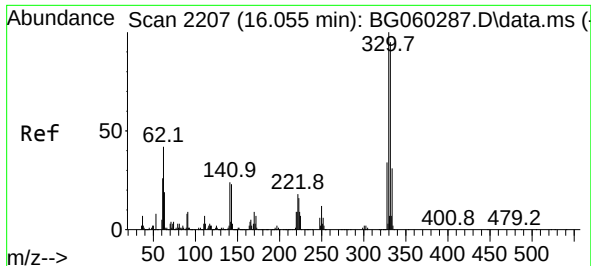
Tgt Ion: 82 Resp: 816175
Ion Ratio Lower Upper
82 100
128 37.5 29.6 44.4
54 43.1 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

Tgt Ion:164 Resp: 314257
Ion Ratio Lower Upper
164 100
162 105.4 84.4 126.6
160 44.6 34.6 52.0

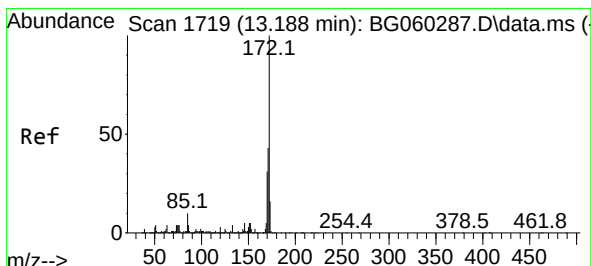
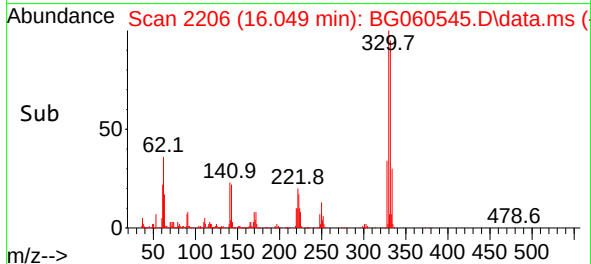
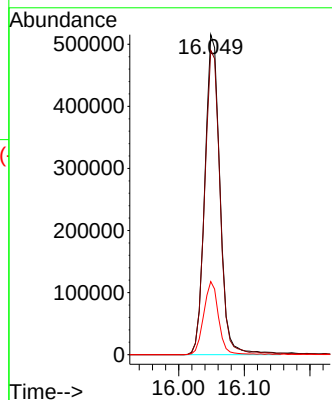
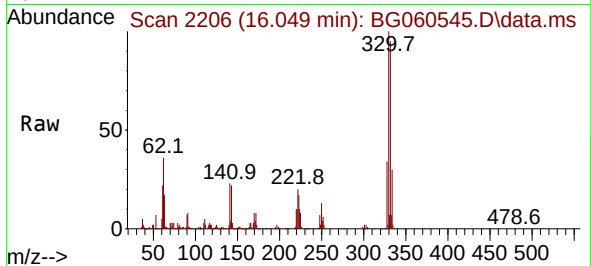




#42
2,4,6-Tribromophenol
Concen: 179.116 ng
RT: 16.049 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

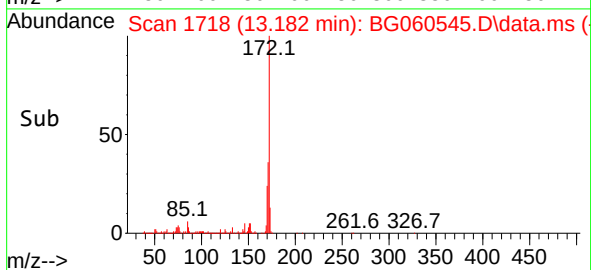
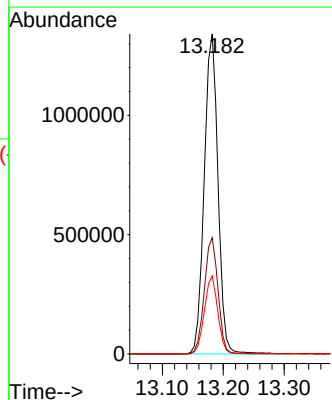
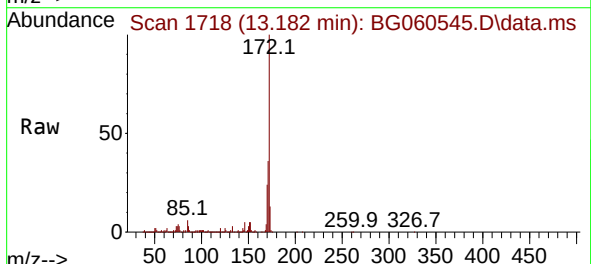
Instrument :
BNA_G
ClientSampleId :
TP-2

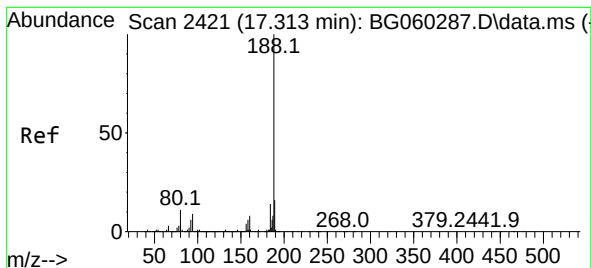
Tgt Ion:330 Resp: 828166
Ion Ratio Lower Upper
330 100
332 97.2 76.7 115.1
141 22.3 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 93.186 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

Tgt Ion:172 Resp: 2106311
Ion Ratio Lower Upper
172 100
171 36.3 34.6 51.8
170 24.4 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.306 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG060545.D

Acq: 1 Feb 2024 23:03

Instrument :

BNA_G

ClientSampleId :

TP-2

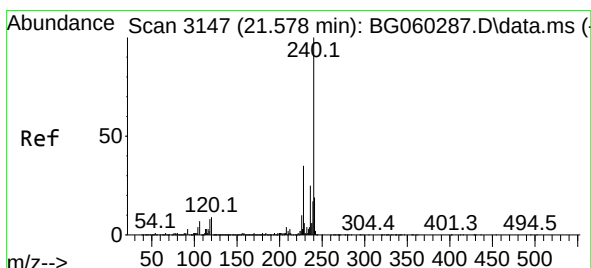
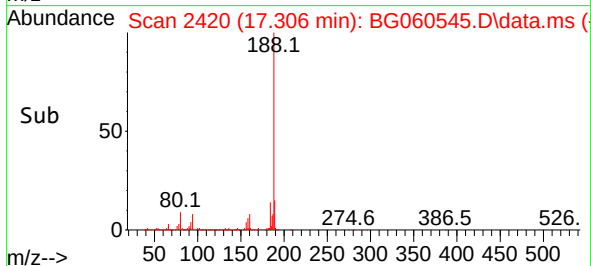
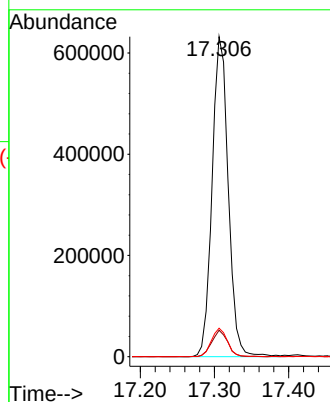
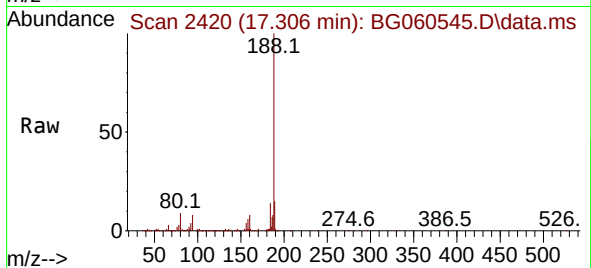
Tgt Ion:188 Resp: 955053

Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

80 8.9 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.572 min Scan# 3146

Delta R.T. -0.006 min

Lab File: BG060545.D

Acq: 1 Feb 2024 23:03

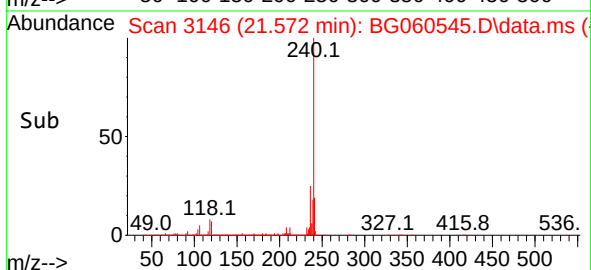
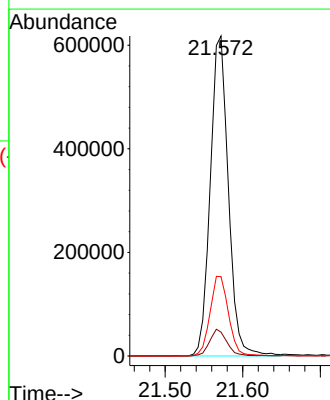
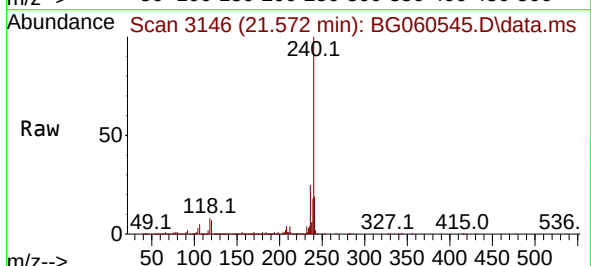
Tgt Ion:240 Resp: 1001886

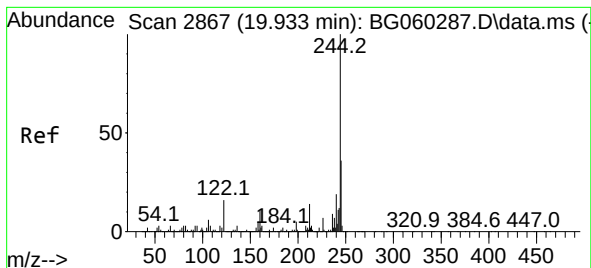
Ion Ratio Lower Upper

240 100

120 7.4 7.3 10.9

236 24.8 20.3 30.5





#79

Terphenyl-d14

Concen: 148.424 ng

RT: 19.927 min Scan# 2

Delta R.T. -0.006 min

Lab File: BG060545.D

Acq: 1 Feb 2024 23:03

Instrument :

BNA_G

ClientSampleId :

TP-2

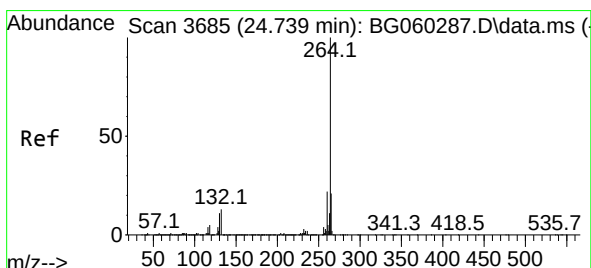
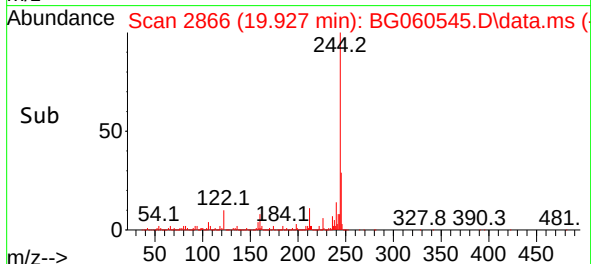
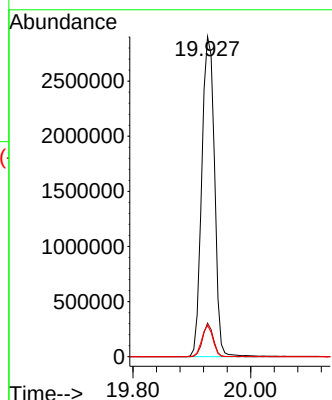
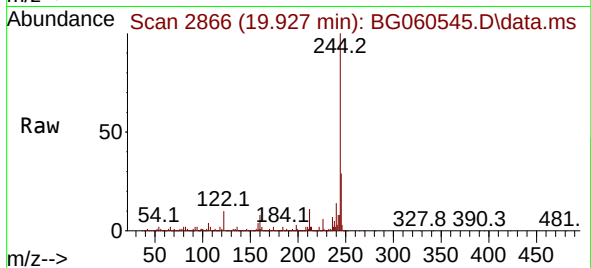
Tgt Ion:244 Resp: 4368645

Ion Ratio Lower Upper

244 100

212 10.5 10.9 16.3#

122 9.8 12.6 18.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.733 min Scan# 3684

Delta R.T. -0.006 min

Lab File: BG060545.D

Acq: 1 Feb 2024 23:03

Tgt Ion:264 Resp: 992555

Ion Ratio Lower Upper

264 100

260 22.9 17.8 26.6

265 21.5 16.8 25.2

