

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
 Data File : BG060495.D
 Acq On : 30 Jan 2024 22:44
 Operator : MA/JU
 Sample : P1285-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SECOND-AVE-TP-1

Quant Time: Jan 31 01:26:16 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	164982	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	671296	20.000	ng	# 0.00
39) Acenaphthene-d10	14.562	164	509157	20.000	ng	0.00
64) Phenanthrene-d10	17.306	188	1313382	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1227134	20.000	ng	0.00
86) Perylene-d12	24.727	264	1386712	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	779716	77.734	ng	0.00
7) Phenol-d6	7.089	99	1182928	79.642	ng	0.00
23) Nitrobenzene-d5	9.086	82	741389	52.150	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	620191	82.790	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	1948068	53.194	ng	0.00
79) Terphenyl-d14	19.927	244	3173850	57.744	ng	0.00

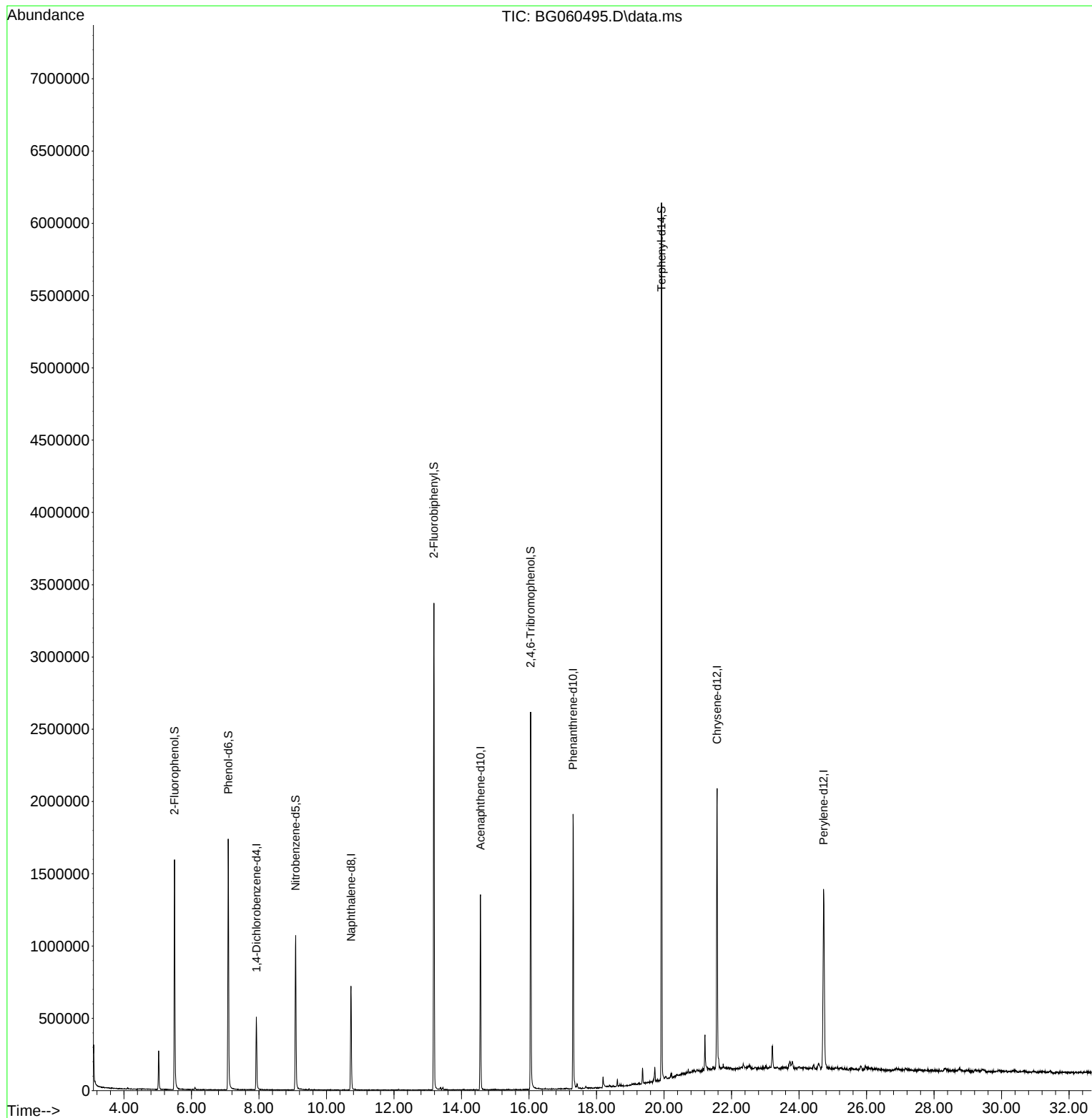
Target Compounds	Qvalue

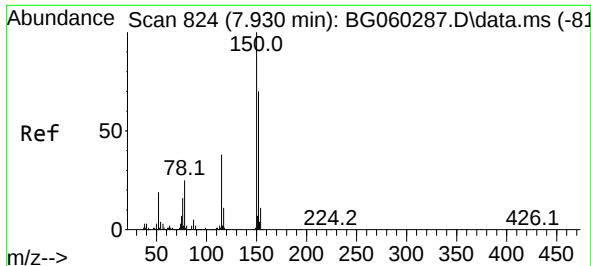
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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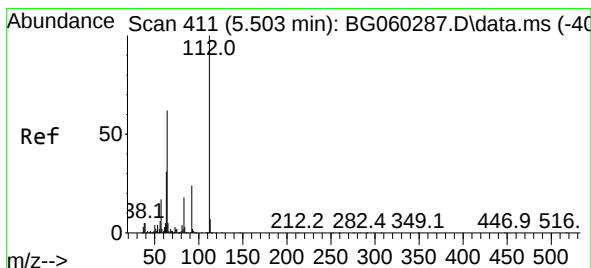
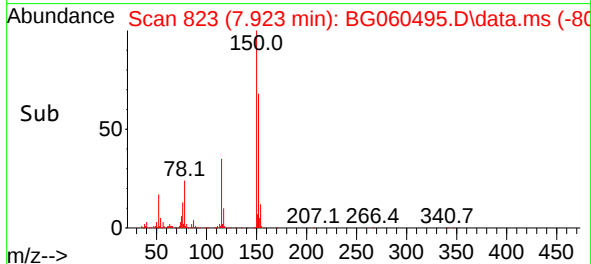
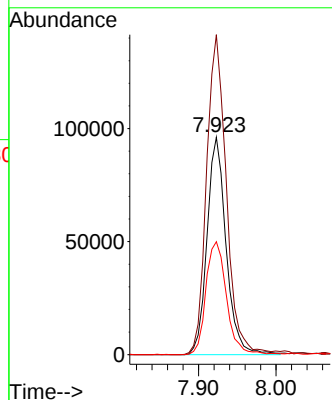
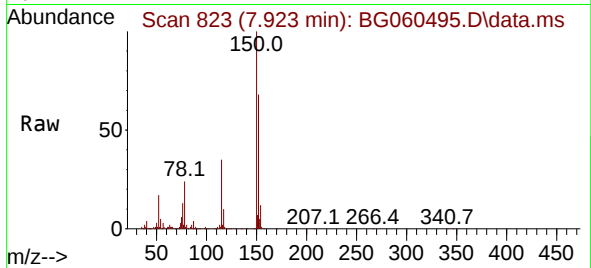




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

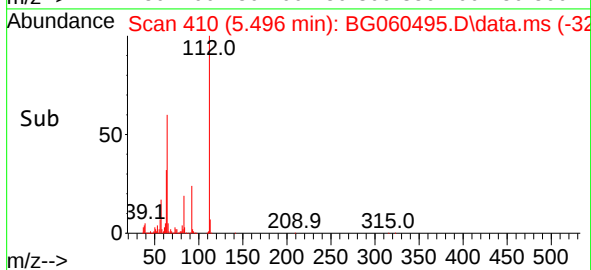
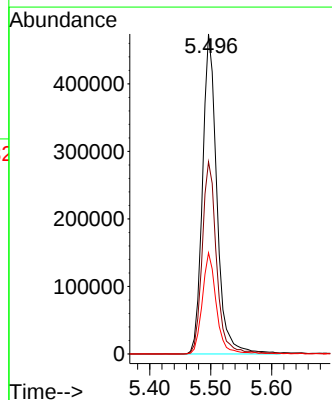
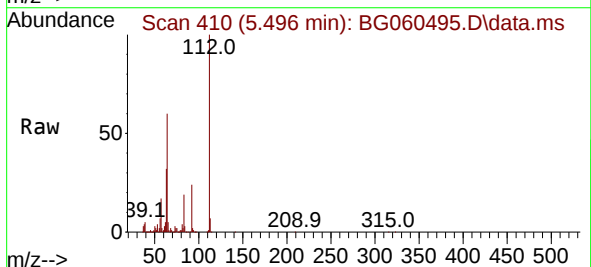
Instrument :
BNA_G
ClientSampleId :
SECOND-AVE-TP-1

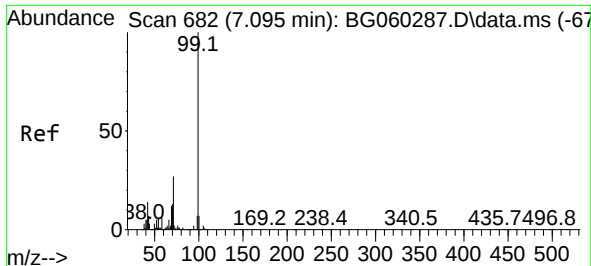
Tgt Ion:152 Resp: 164982
Ion Ratio Lower Upper
152 100
150 147.2 114.5 171.7
115 52.0 43.0 64.6



#5
2-Fluorophenol
Concen: 77.734 ng
RT: 5.496 min Scan# 410
Delta R.T. -0.007 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

Tgt Ion:112 Resp: 779716
Ion Ratio Lower Upper
112 100
64 60.1 49.8 74.6
63 31.6 24.4 36.6



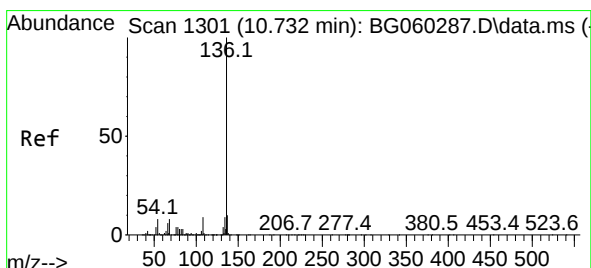
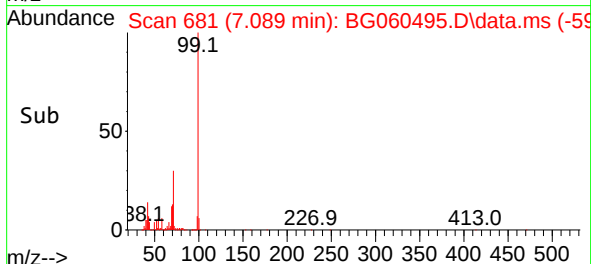
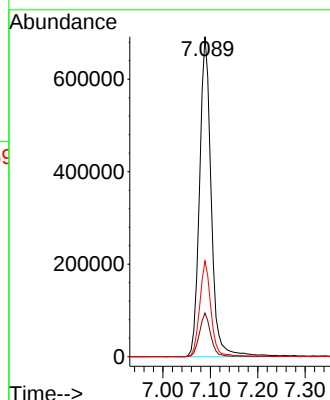
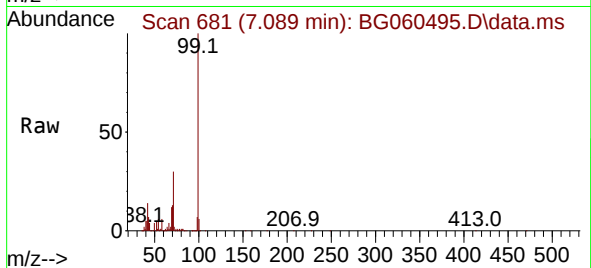


#7
Phenol-d6
Concen: 79.642 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

Instrument :
BNA_G
ClientSampleId :
SECOND-AVE-TP-1

Tgt Ion: 99 Resp: 1182928

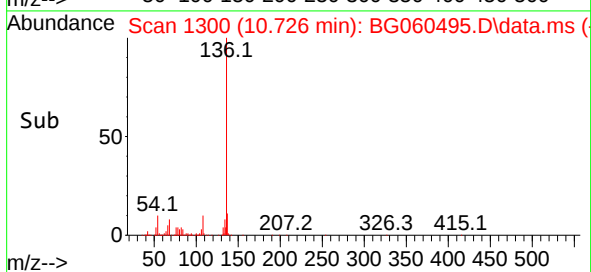
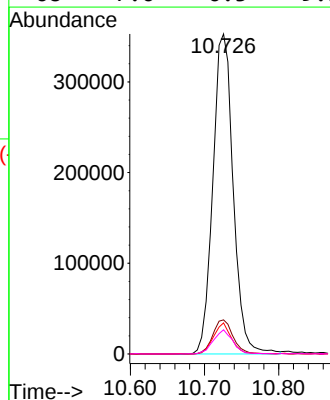
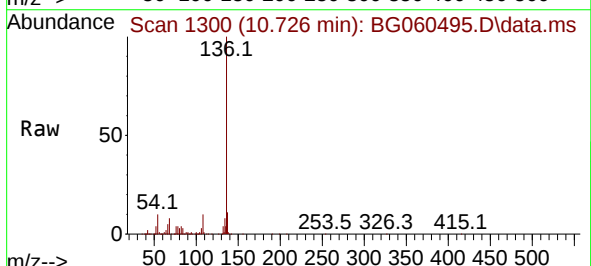
Ion	Ratio	Lower	Upper
99	100		
42	13.6	10.9	16.3
71	29.9	21.5	32.3

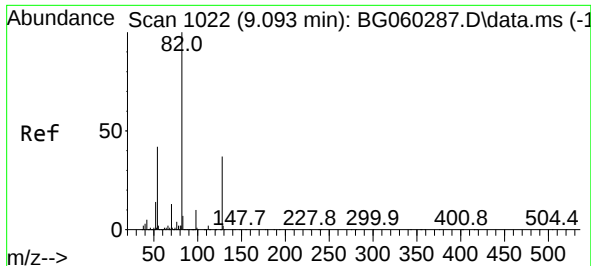


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.007 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

Tgt Ion: 136 Resp: 671296

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	9.7	6.2	9.2#
68	7.6	6.3	9.5

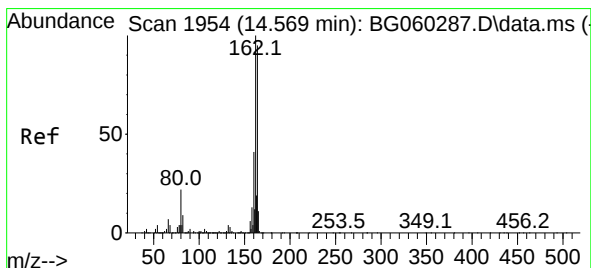
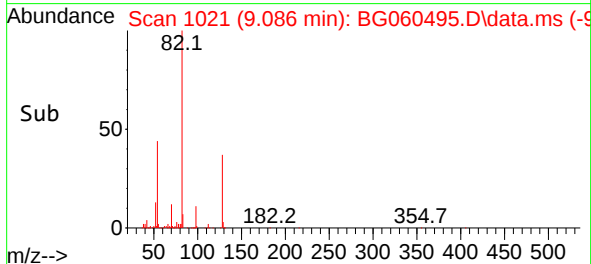
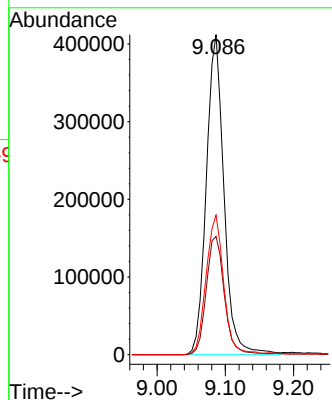
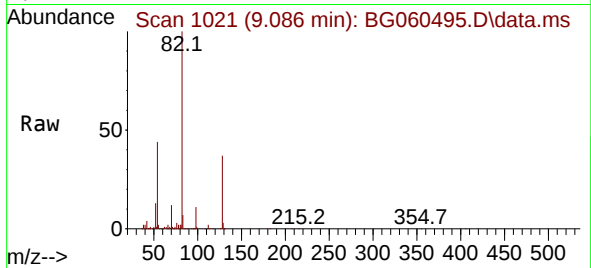




#23
Nitrobenzene-d5
Concen: 52.150 ng
RT: 9.086 min Scan# 1021
Delta R.T. -0.007 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

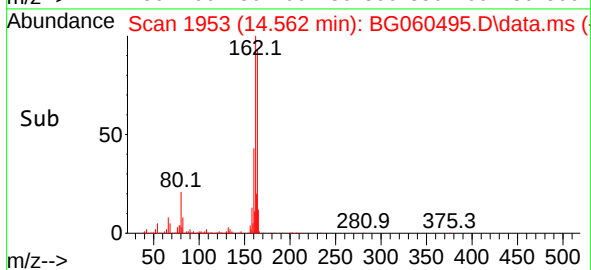
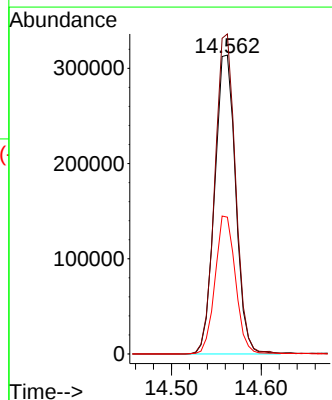
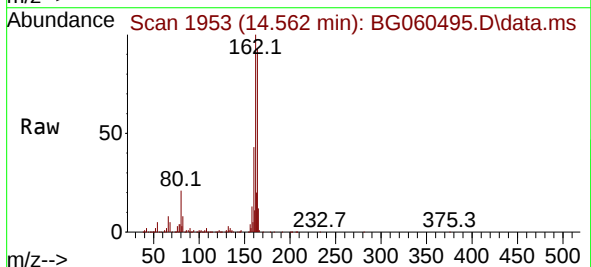
Instrument :
BNA_G
ClientSampleId :
SECOND-AVE-TP-1

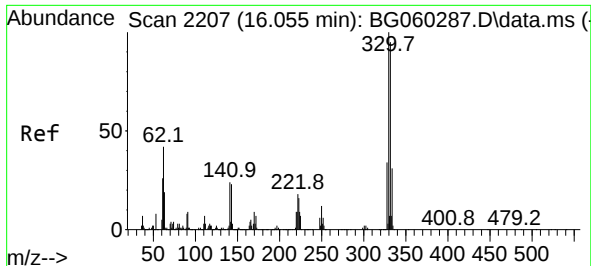
Tgt Ion: 82 Resp: 741389
Ion Ratio Lower Upper
82 100
128 37.0 29.6 44.4
54 43.6 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.007 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

Tgt Ion:164 Resp: 509157
Ion Ratio Lower Upper
164 100
162 107.1 84.4 126.6
160 45.8 34.6 52.0

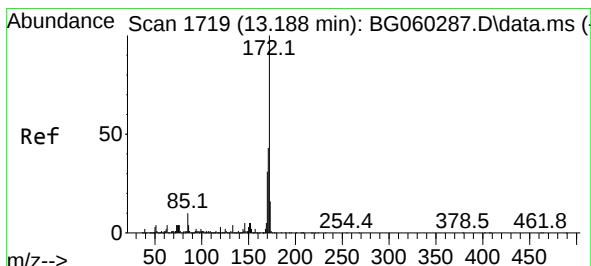
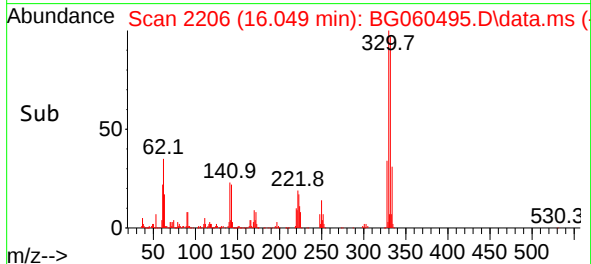
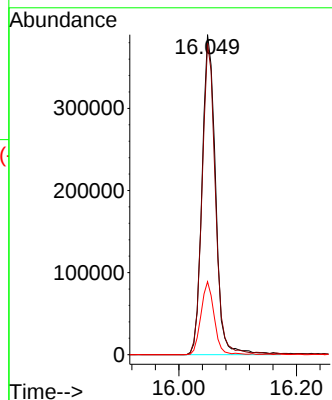
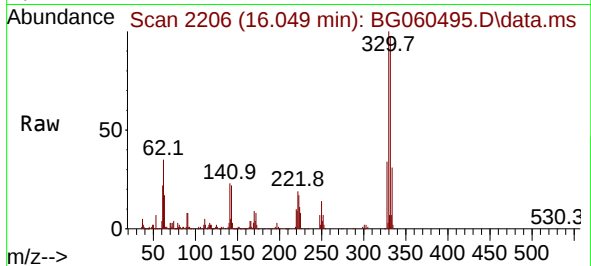




#42
2,4,6-Tribromophenol
Concen: 82.790 ng
RT: 16.049 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

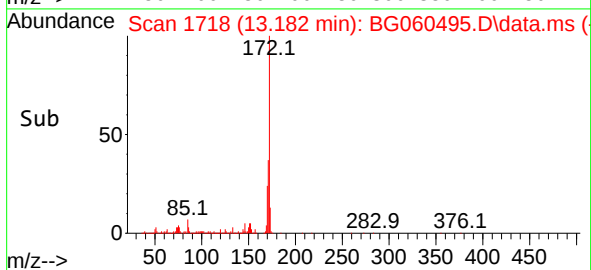
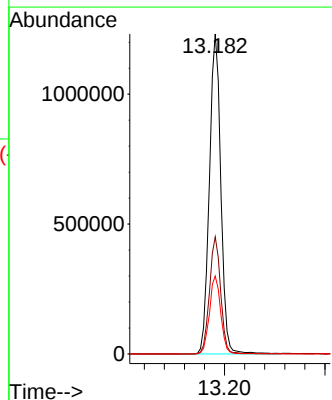
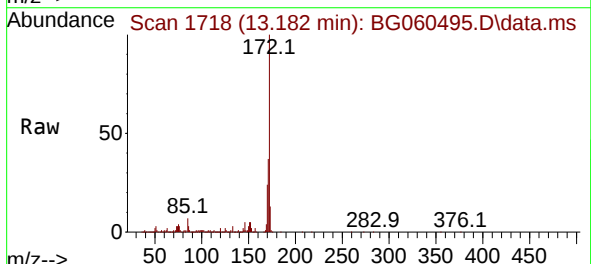
Instrument :
BNA_G
ClientSampleId :
SECOND-AVE-TP-1

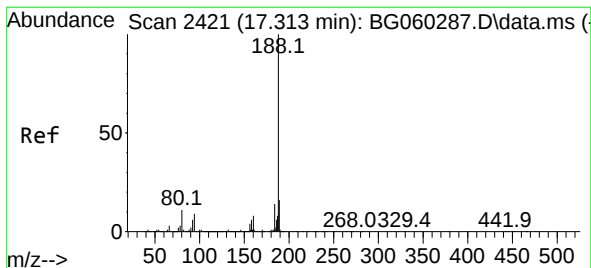
Tgt Ion:330 Resp: 620191
Ion Ratio Lower Upper
330 100
332 95.6 76.7 115.1
141 22.3 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 53.194 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.007 min
Lab File: BG060495.D
Acq: 30 Jan 2024 22:44

Tgt Ion:172 Resp: 1948068
Ion Ratio Lower Upper
172 100
171 36.6 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. -0.007 min

Lab File: BG060495.D

Acq: 30 Jan 2024 22:44

Instrument :

BNA_G

ClientSampleId :

SECOND-AVE-TP-1

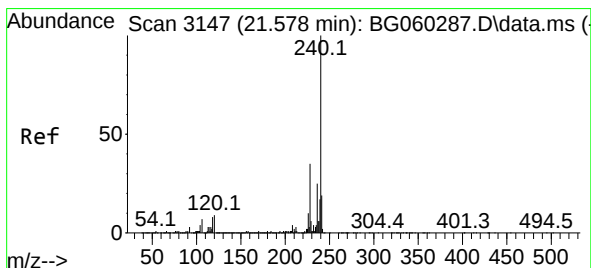
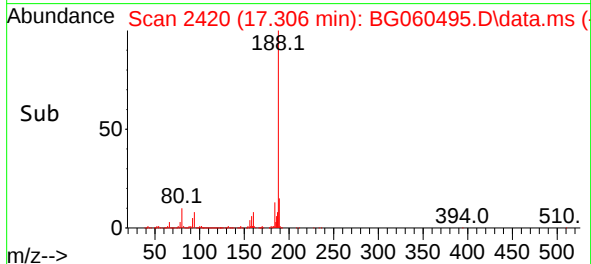
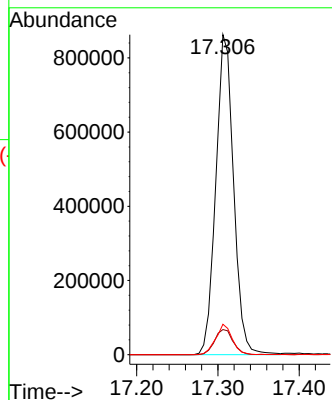
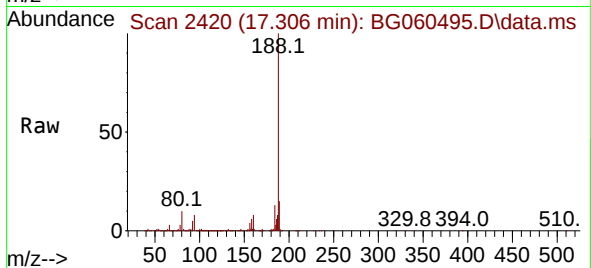
Tgt Ion:188 Resp: 1313382

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

80 9.5 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.572 min Scan# 3146

Delta R.T. -0.007 min

Lab File: BG060495.D

Acq: 30 Jan 2024 22:44

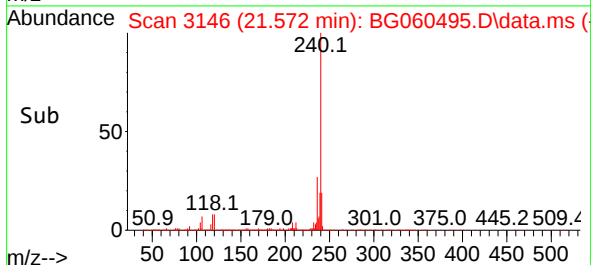
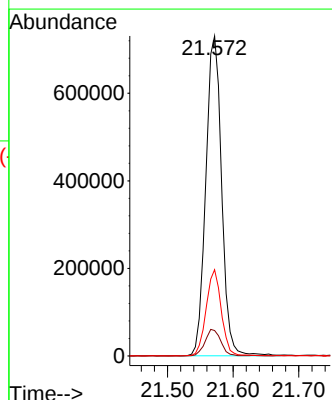
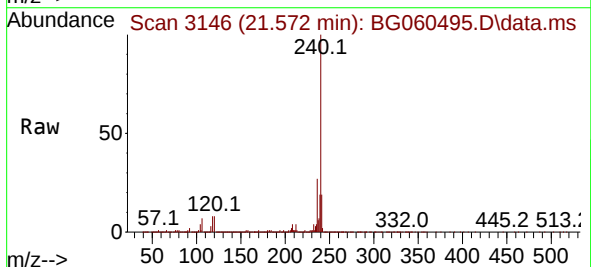
Tgt Ion:240 Resp: 1227134

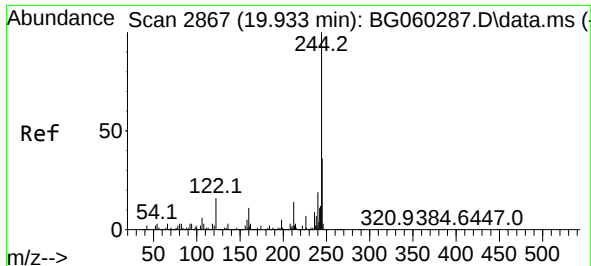
Ion Ratio Lower Upper

240 100

120 8.0 7.3 10.9

236 27.0 20.3 30.5





#79

Terphenyl-d14

Concen: 57.744 ng

RT: 19.927 min Scan# 2

Delta R.T. -0.006 min

Lab File: BG060495.D

Acq: 30 Jan 2024 22:44

Instrument :

BNA_G

ClientSampleId :

SECOND-AVE-TP-1

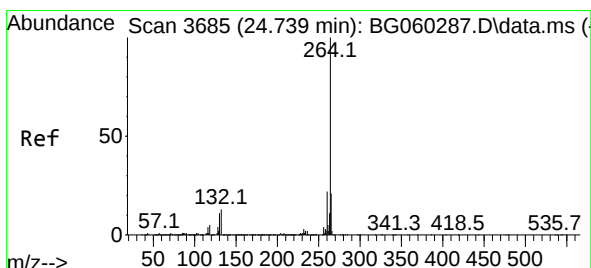
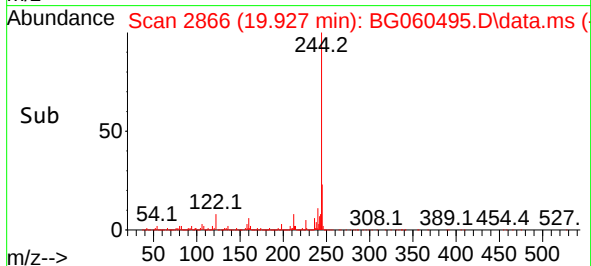
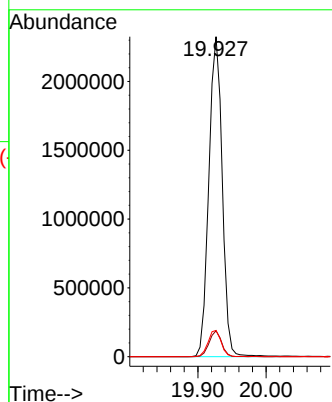
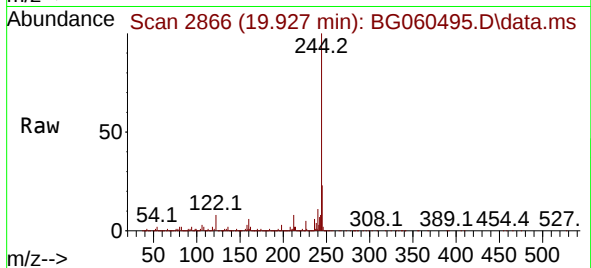
Tgt Ion:244 Resp: 3173850

Ion Ratio Lower Upper

244 100

212 8.1 10.9 16.3#

122 8.2 12.6 18.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.727 min Scan# 3683

Delta R.T. -0.012 min

Lab File: BG060495.D

Acq: 30 Jan 2024 22:44

Tgt Ion:264 Resp: 1386712

Ion Ratio Lower Upper

264 100

260 21.4 17.8 26.6

265 21.2 16.8 25.2

