

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
 Data File : BG060492.D
 Acq On : 30 Jan 2024 20:43
 Operator : MA/JU
 Sample : P1277-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-39

Quant Time: Jan 31 01:25:16 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)

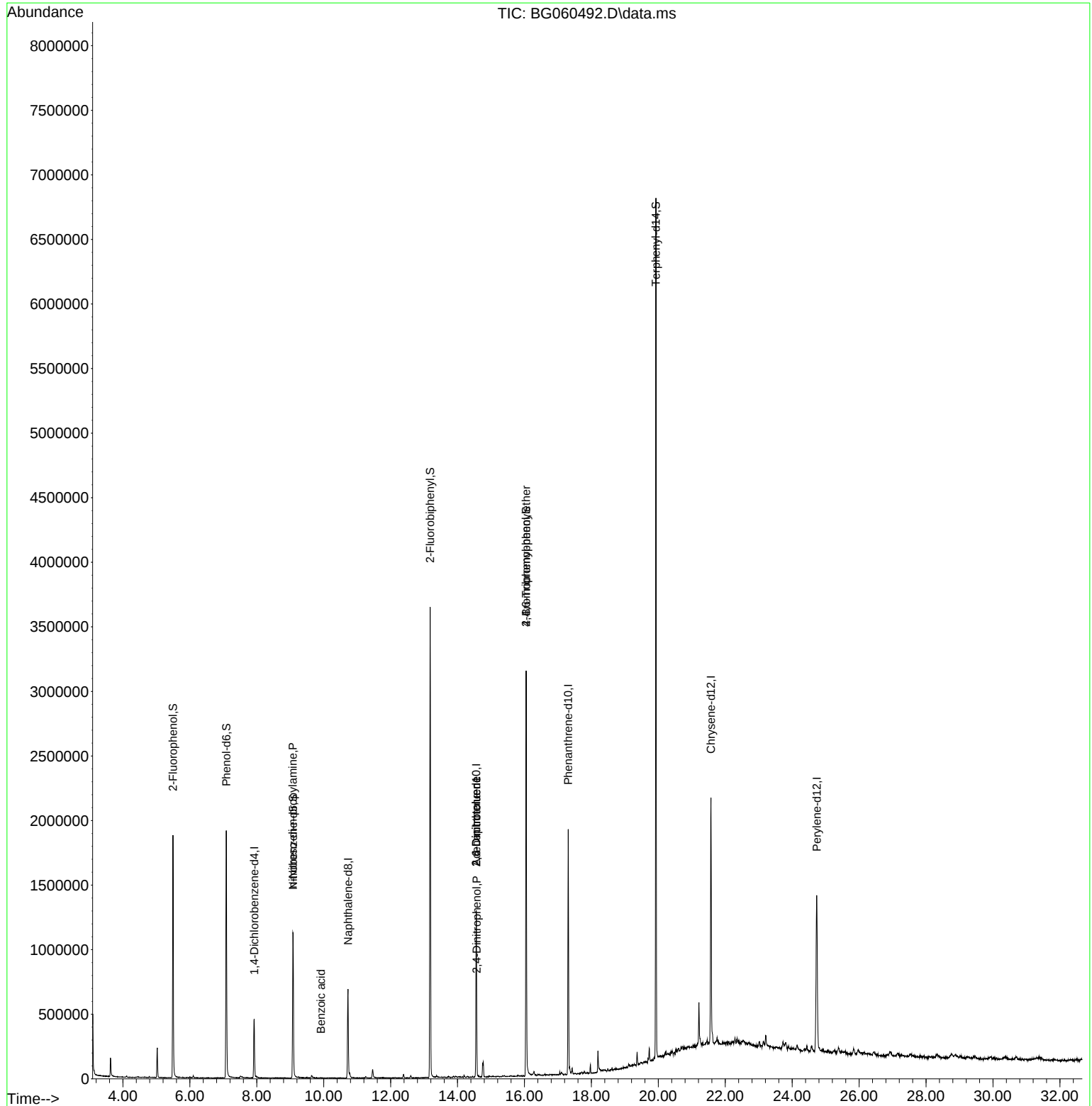
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	152590	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	621647	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	490404	20.000	ng	-0.01
64) Phenanthrene-d10	17.307	188	1257366	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1159519	20.000	ng	0.00
86) Perylene-d12	24.733	264	1337102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	877879	94.628	ng	0.00
7) Phenol-d6	7.089	99	1329340	96.768	ng	0.00
23) Nitrobenzene-d5	9.087	82	812145	61.690	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	728851	101.015	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	2111416	59.860	ng	0.00
79) Terphenyl-d14	19.927	244	3402077	68.922	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.081	70	98861	10.398	ng	# 85
32) Benzoic acid	9.921	122	71	10.210	ng	# 37
51) 2,6-Dinitrotoluene	14.557	165	65151	8.147	ng	# 33
54) 2,4-Dinitrophenol	14.574	184	55	8.597	ng	# 1
57) 2,4-Dinitrotoluene	14.557	165	65151	5.941	ng	# 25
67) 4-Bromophenyl-phenylether	16.049	248	45541	3.296	ng	# 1

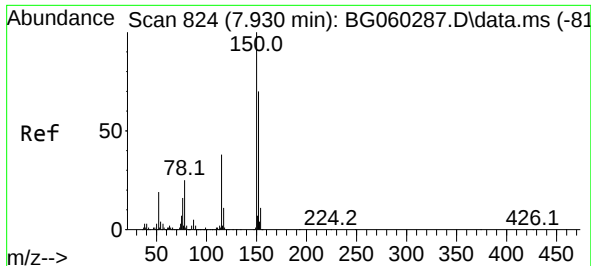
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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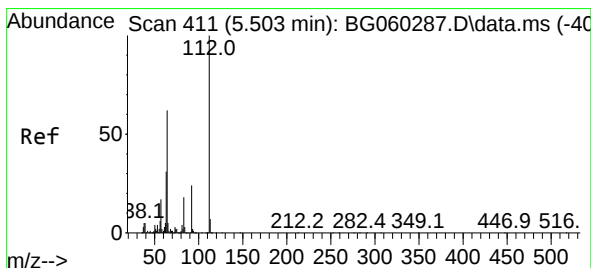
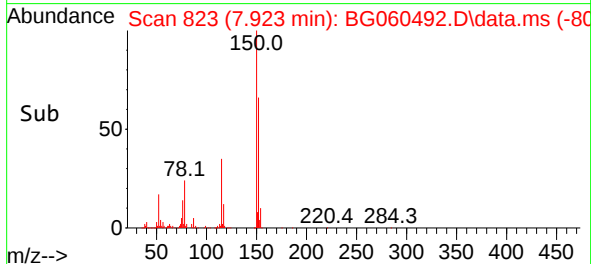
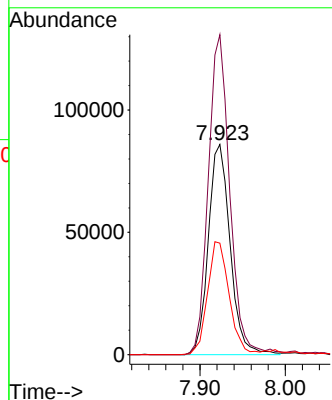
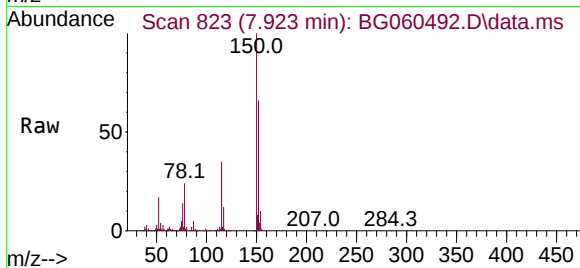




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060492.D
Acq: 30 Jan 2024 20:43

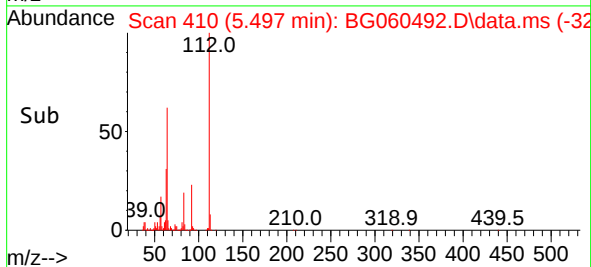
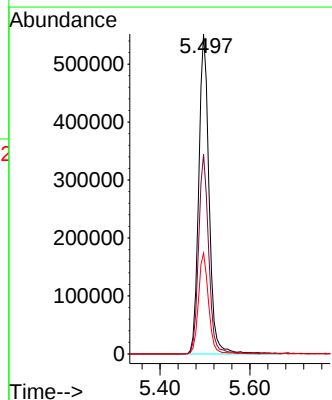
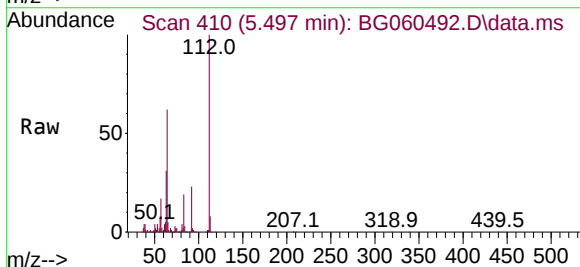
Instrument :
BNA_G
ClientSampleId :
TP-39

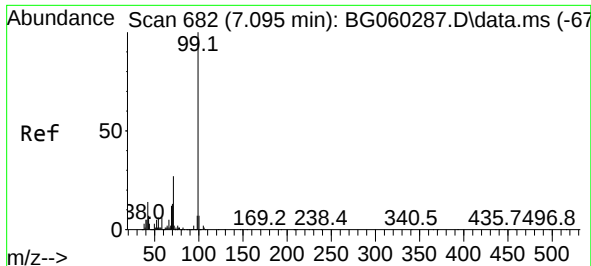
Tgt Ion:152 Resp: 152590
Ion Ratio Lower Upper
152 100
150 152.2 114.5 171.7
115 53.0 43.0 64.6



#5
2-Fluorophenol
Concen: 94.628 ng
RT: 5.497 min Scan# 410
Delta R.T. -0.006 min
Lab File: BG060492.D
Acq: 30 Jan 2024 20:43

Tgt Ion:112 Resp: 877879
Ion Ratio Lower Upper
112 100
64 62.4 49.8 74.6
63 31.5 24.4 36.6

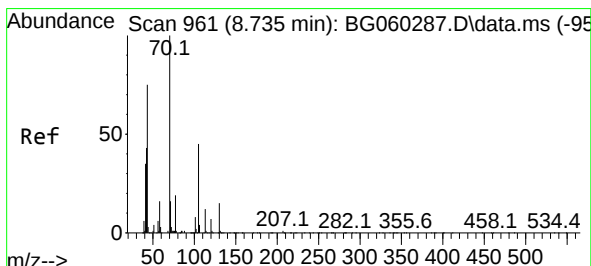
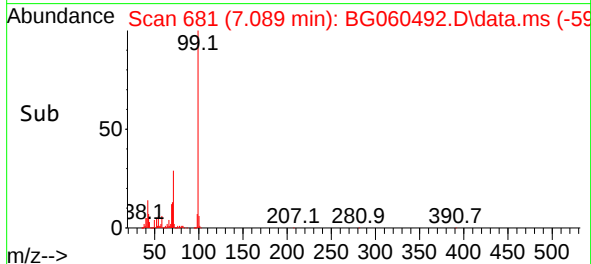
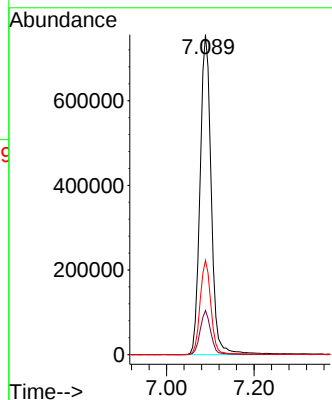
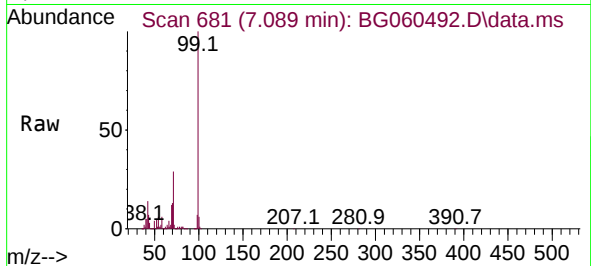




#7
Phenol-d6
Concen: 96.768 ng
RT: 7.089 min Scan# 681
Delta R.T. -0.006 min
Lab File: BG060492.D
Acq: 30 Jan 2024 20:43

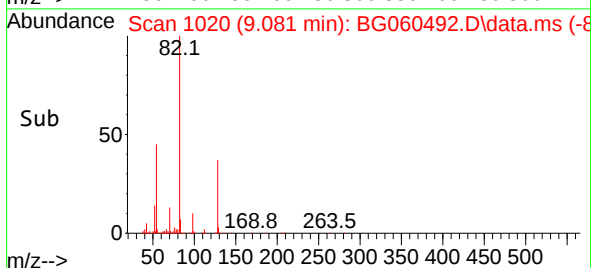
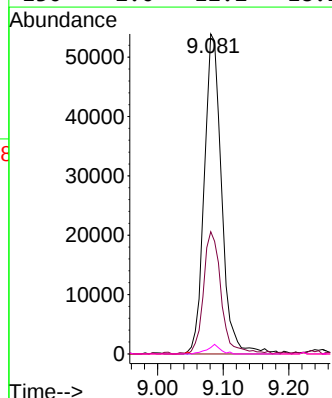
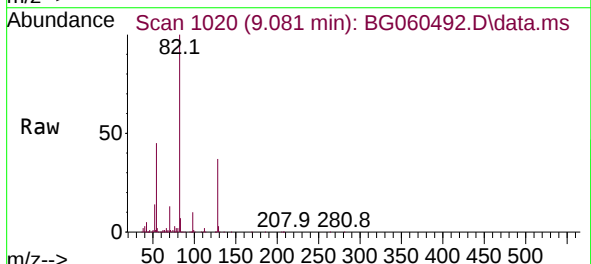
Instrument :
BNA_G
ClientSampleId :
TP-39

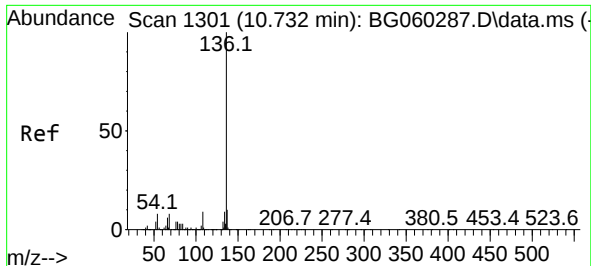
Tgt Ion: 99 Resp: 1329340
Ion Ratio Lower Upper
99 100
42 13.8 10.9 16.3
71 29.5 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.398 ng
RT: 9.081 min Scan# 1020
Delta R.T. 0.346 min
Lab File: BG060492.D
Acq: 30 Jan 2024 20:43

Tgt Ion: 70 Resp: 98861
Ion Ratio Lower Upper
70 100
42 38.2 34.3 51.5
101 0.0 6.2 9.2#
130 2.0 12.2 18.2#

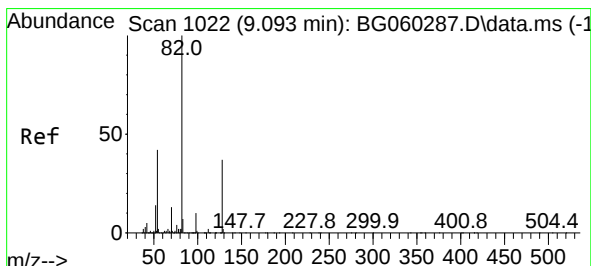
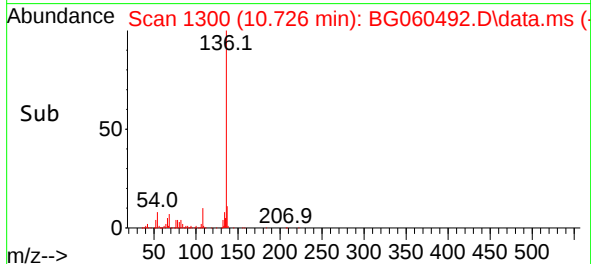
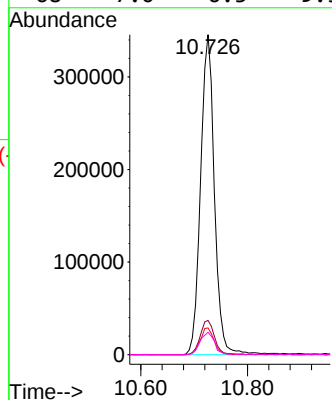
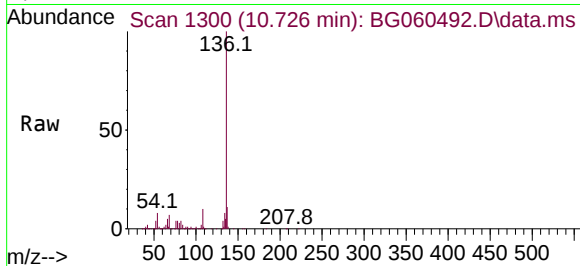




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BG060492.D
Acq: 30 Jan 2024 20:43

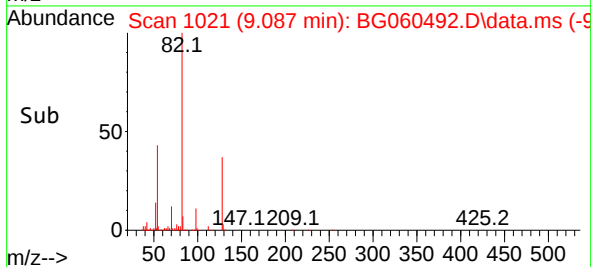
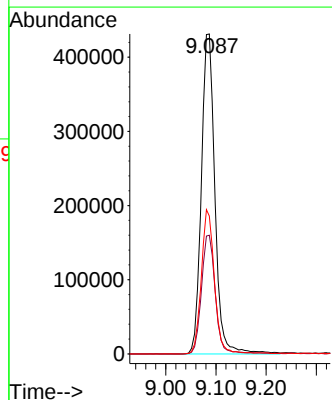
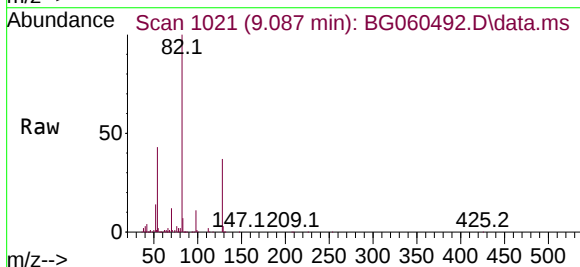
Instrument :
BNA_G
ClientSampleId :
TP-39

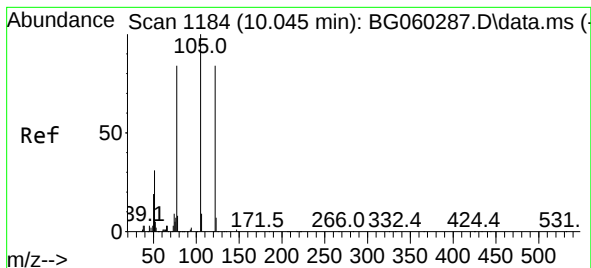
Tgt Ion	136	Resp: Lower	621647 Upper
136	100		
137	10.7	8.2	12.4
54	8.3	6.2	9.2
68	7.0	6.3	9.5



#23
Nitrobenzene-d5
Concen: 61.690 ng
RT: 9.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BG060492.D
Acq: 30 Jan 2024 20:43

Tgt Ion: 82	Resp: 812145
Ion Ratio	Lower Upper
82 100	
128 37.1	29.6 44.4
54 43.1	33.6 50.4

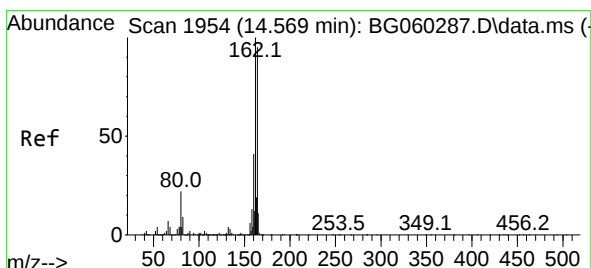
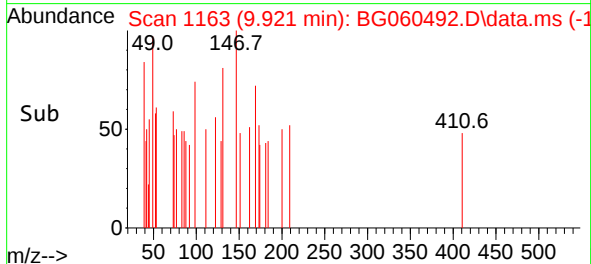
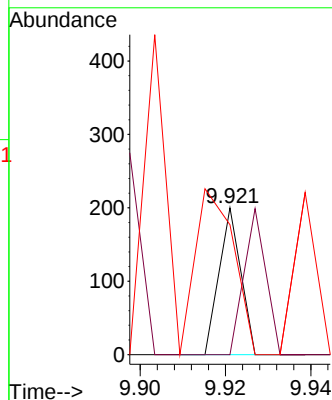
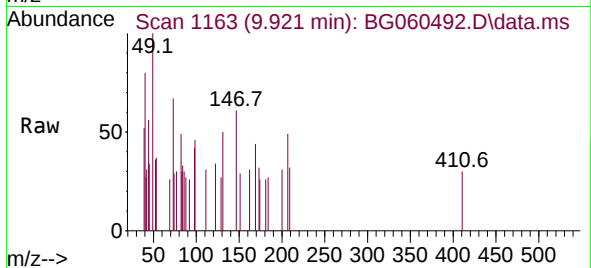




#32
Benzoic acid
Concen: 10.210 ng
RT: 9.921 min Scan# 1184
Delta R.T. -0.124 min
Lab File: BG060492.D
Acq: 30 Jan 2024 20:43

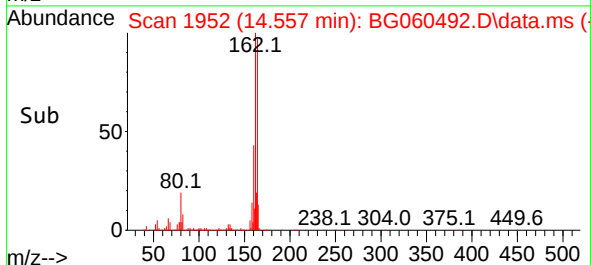
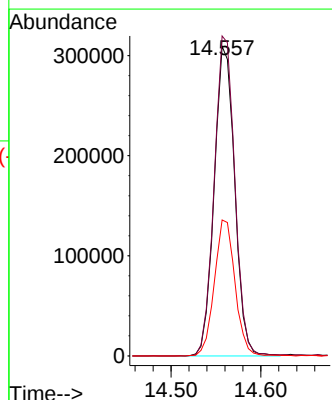
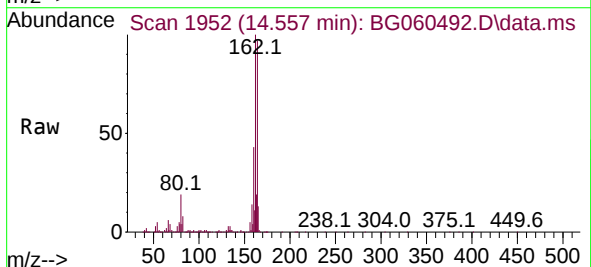
Instrument :
BNA_G
ClientSampleId :
TP-39

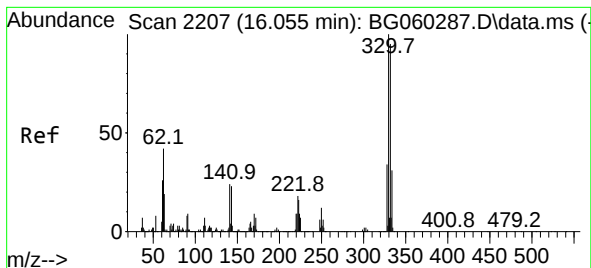
Tgt Ion:122 Resp: 71
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 88.5 80.1 120.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BG060492.D
Acq: 30 Jan 2024 20:43

Tgt Ion:164 Resp: 490404
Ion Ratio Lower Upper
164 100
162 103.4 84.4 126.6
160 43.9 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 101.015 ng

RT: 16.049 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060492.D

Acq: 30 Jan 2024 20:43

Instrument :

BNA_G

ClientSampleId :

TP-39

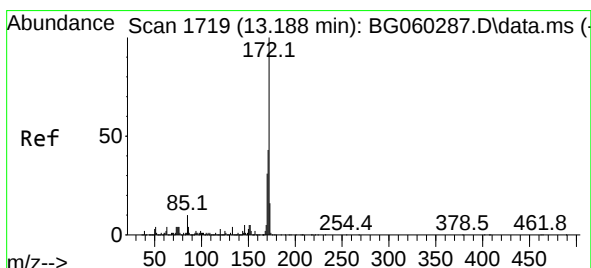
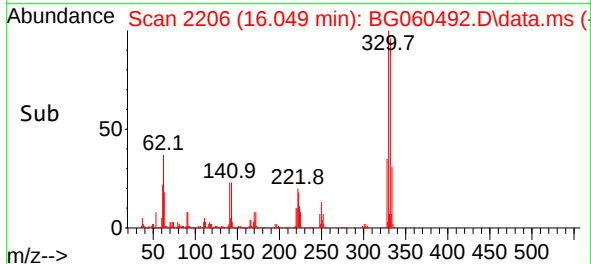
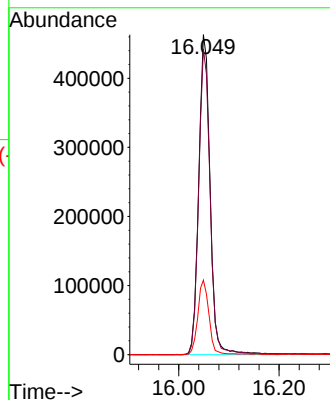
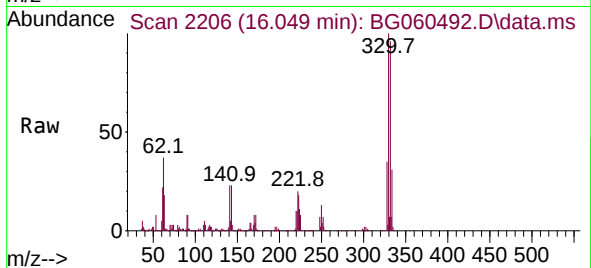
Tgt Ion:330 Resp: 728851

Ion Ratio Lower Upper

330 100

332 95.5 76.7 115.1

141 22.6 18.6 28.0



#45

2-Fluorobiphenyl

Concen: 59.860 ng

RT: 13.182 min Scan# 1718

Delta R.T. -0.006 min

Lab File: BG060492.D

Acq: 30 Jan 2024 20:43

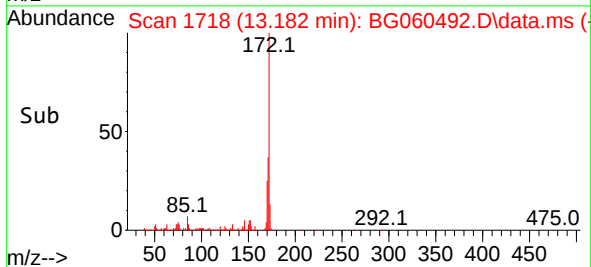
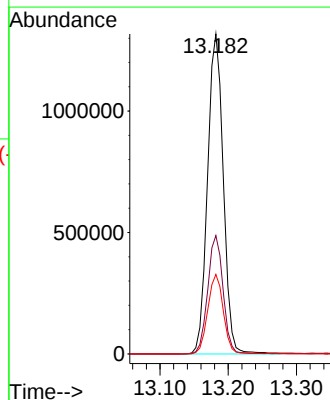
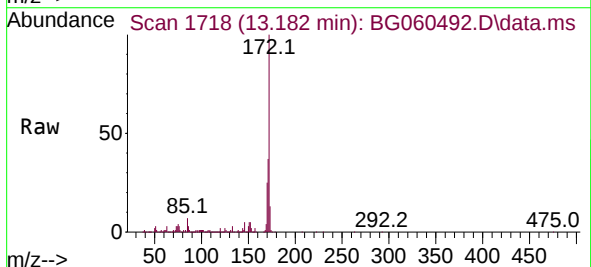
Tgt Ion:172 Resp: 2111416

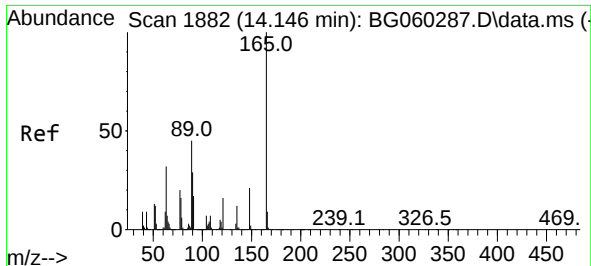
Ion Ratio Lower Upper

172 100

171 37.0 34.6 51.8

170 24.8 24.4 36.6

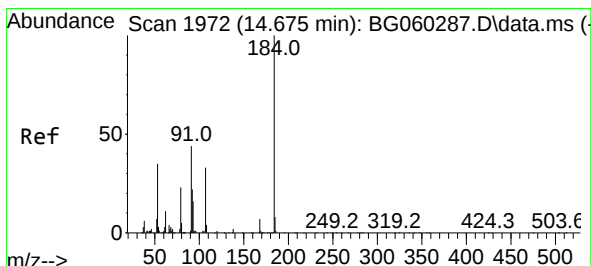
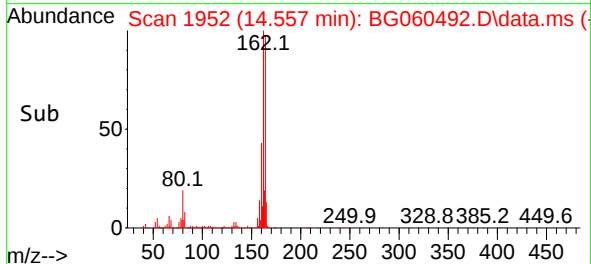
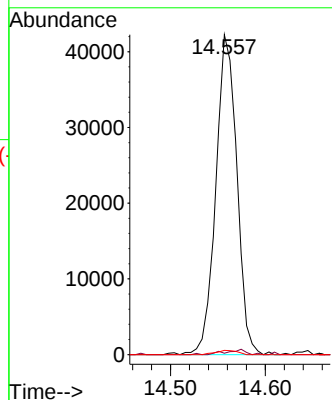
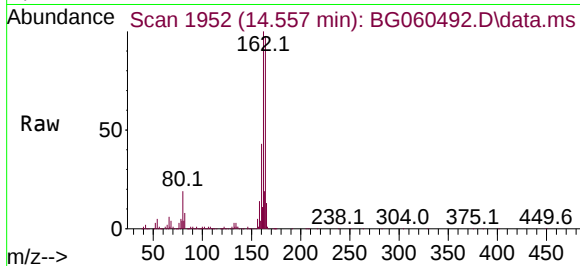




#51
2,6-Dinitrotoluene
Concen: 8.147 ng
RT: 14.557 min Scan# 1952
Delta R.T. 0.411 min
Lab File: BG060492.D
Acq: 30 Jan 2024 20:43

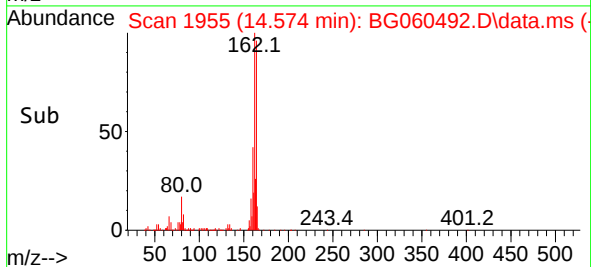
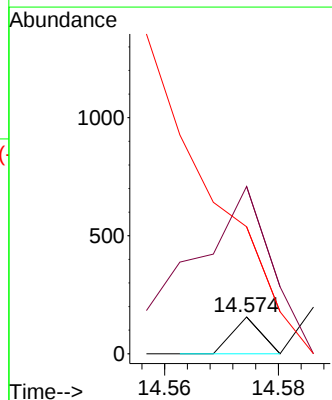
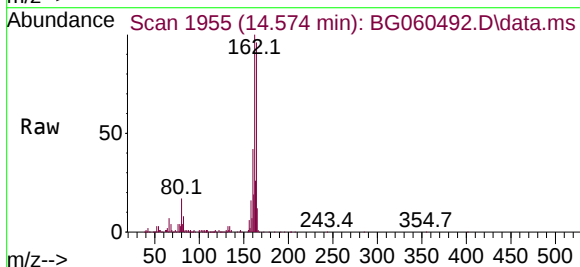
Instrument :
BNA_G
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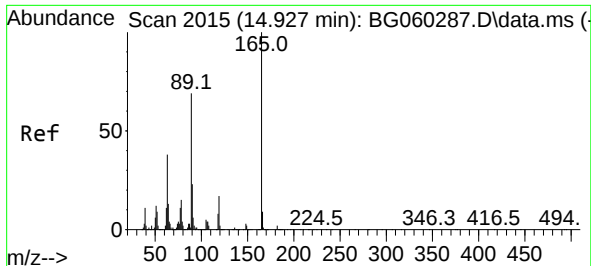
Tgt Ion:165 Resp: 65151
Ion Ratio Lower Upper
165 100
63 0.4 35.0 52.4#
89 1.3 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.597 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.101 min
Lab File: BG060492.D
Acq: 30 Jan 2024 20:43

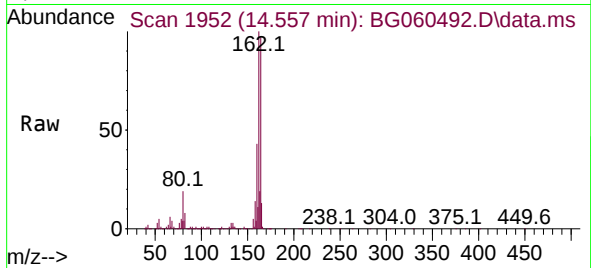
Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 454.5 41.0 61.4#
154 344.9 39.2 58.8#



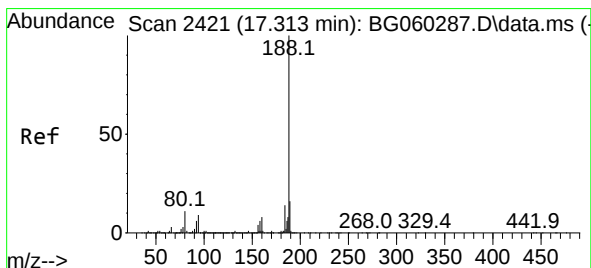
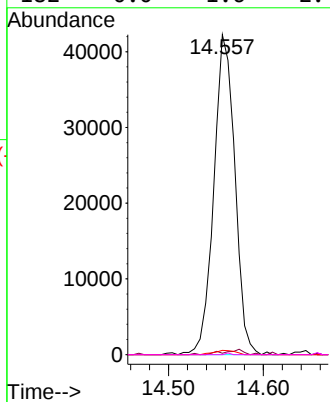
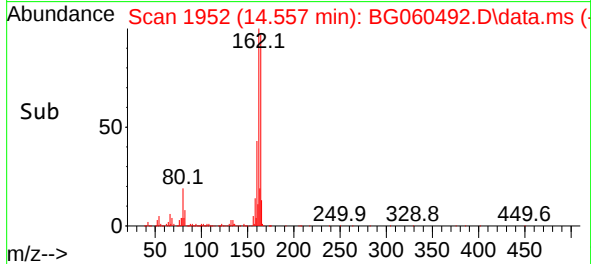


#57
2,4-Dinitrotoluene
Concen: 5.941 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.370 min
Lab File: BG060492.D
Acq: 30 Jan 2024 20:43

Instrument :
BNA_G
ClientSampleId :
TP-39

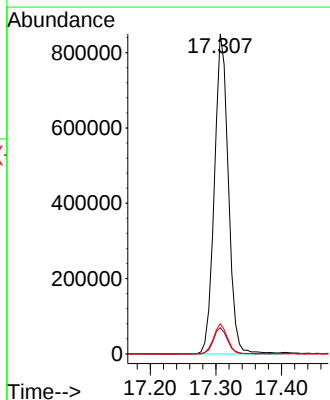
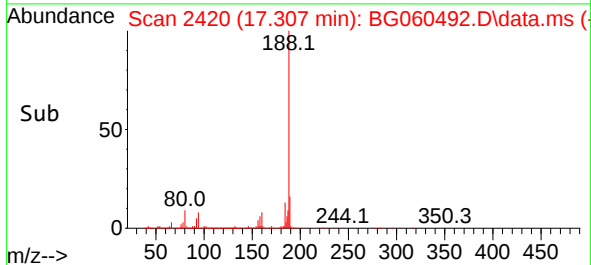
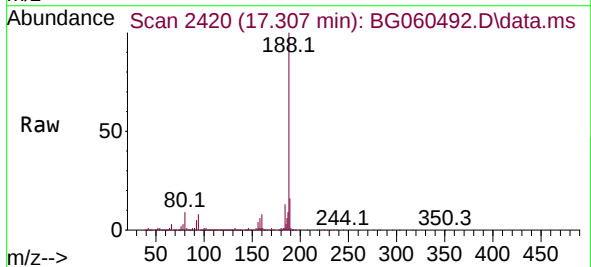


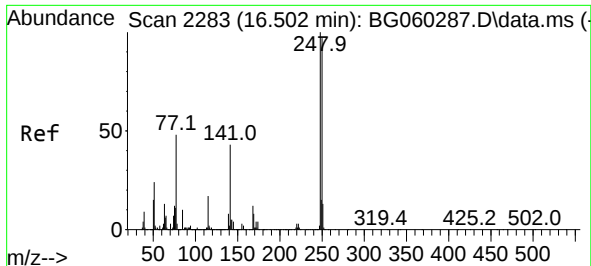
Tgt Ion:165 Resp: 65151
Ion Ratio Lower Upper
165 100
63 0.4 30.4 45.6#
89 1.3 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BG060492.D
Acq: 30 Jan 2024 20:43

Tgt Ion:188 Resp: 1257366
Ion Ratio Lower Upper
188 100
94 8.2 7.1 10.7
80 9.4 8.5 12.7

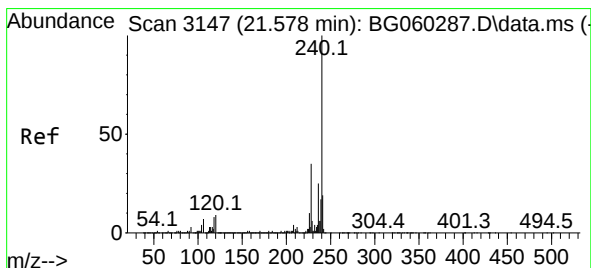
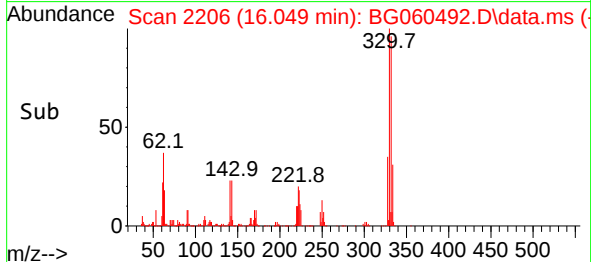
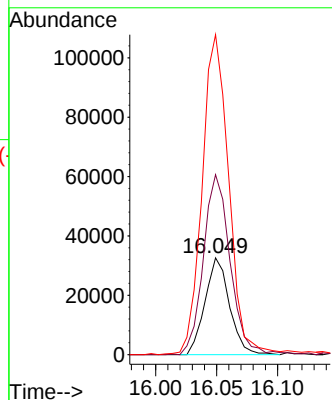
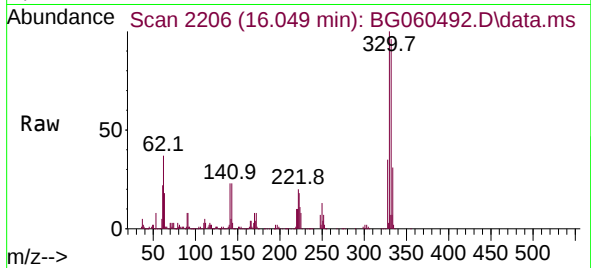




#67
4-Bromophenyl-phenylether
Concen: 3.296 ng
RT: 16.049 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG060492.D
Acq: 30 Jan 2024 20:43

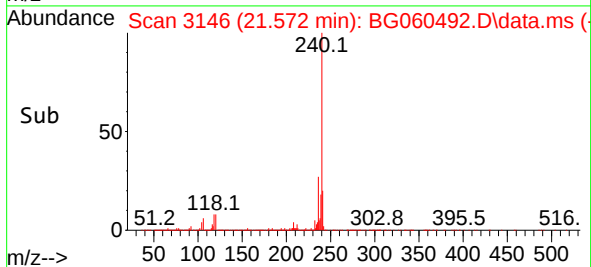
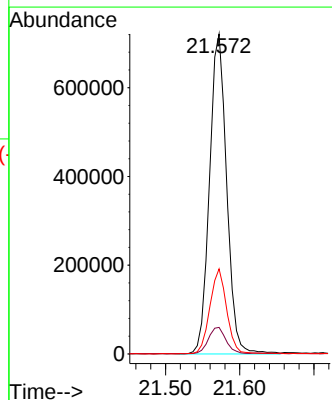
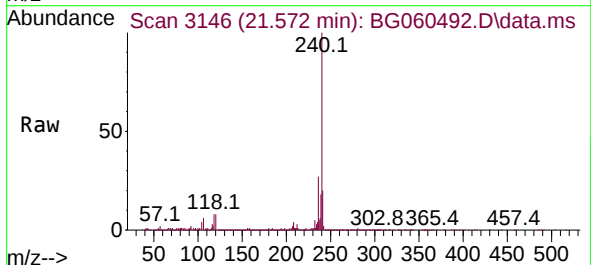
Instrument :
BNA_G
ClientSampleId :
TP-39

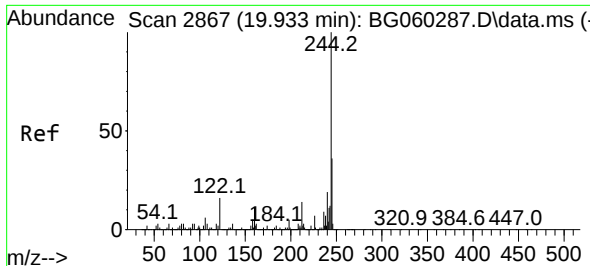
Tgt Ion:248 Resp: 45541
Ion Ratio Lower Upper
248 100
250 186.0 77.6 116.4#
141 330.7 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG060492.D
Acq: 30 Jan 2024 20:43

Tgt Ion:240 Resp: 1159519
Ion Ratio Lower Upper
240 100
120 8.3 7.3 10.9
236 26.6 20.3 30.5

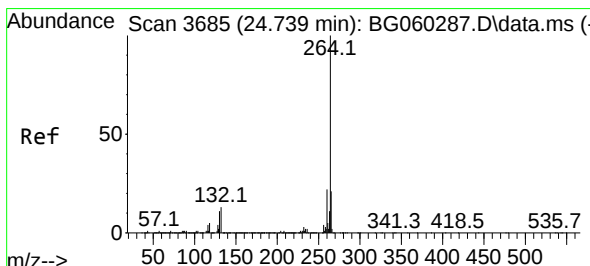
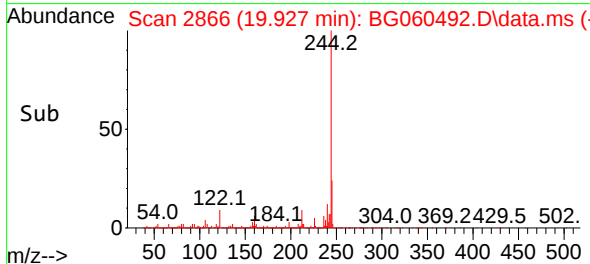
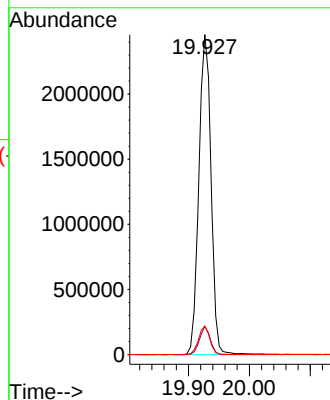
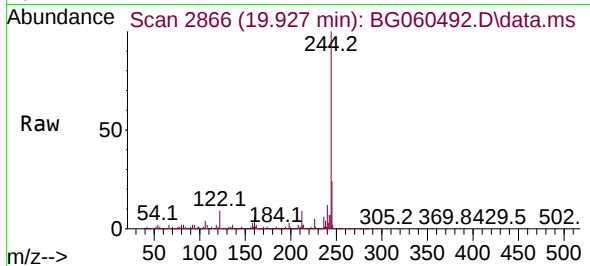




#79
 Terphenyl-d14
 Concen: 68.922 ng
 RT: 19.927 min Scan# 2866
 Delta R.T. -0.006 min
 Lab File: BG060492.D
 Acq: 30 Jan 2024 20:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-39

Tgt Ion:244 Resp: 3402077
 Ion Ratio Lower Upper
 244 100
 212 8.8 10.9 16.3#
 122 8.9 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: BG060492.D
 Acq: 30 Jan 2024 20:43

Tgt Ion:264 Resp: 1337102
 Ion Ratio Lower Upper
 264 100
 260 22.3 17.8 26.6
 265 21.0 16.8 25.2

