

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011024\
 Data File : BG060299.D
 Acq On : 10 Jan 2024 13:36
 Operator : MA/JU
 Sample : P1067-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-C-COMP(0-8)

Quant Time: Jan 10 14:13:13 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)

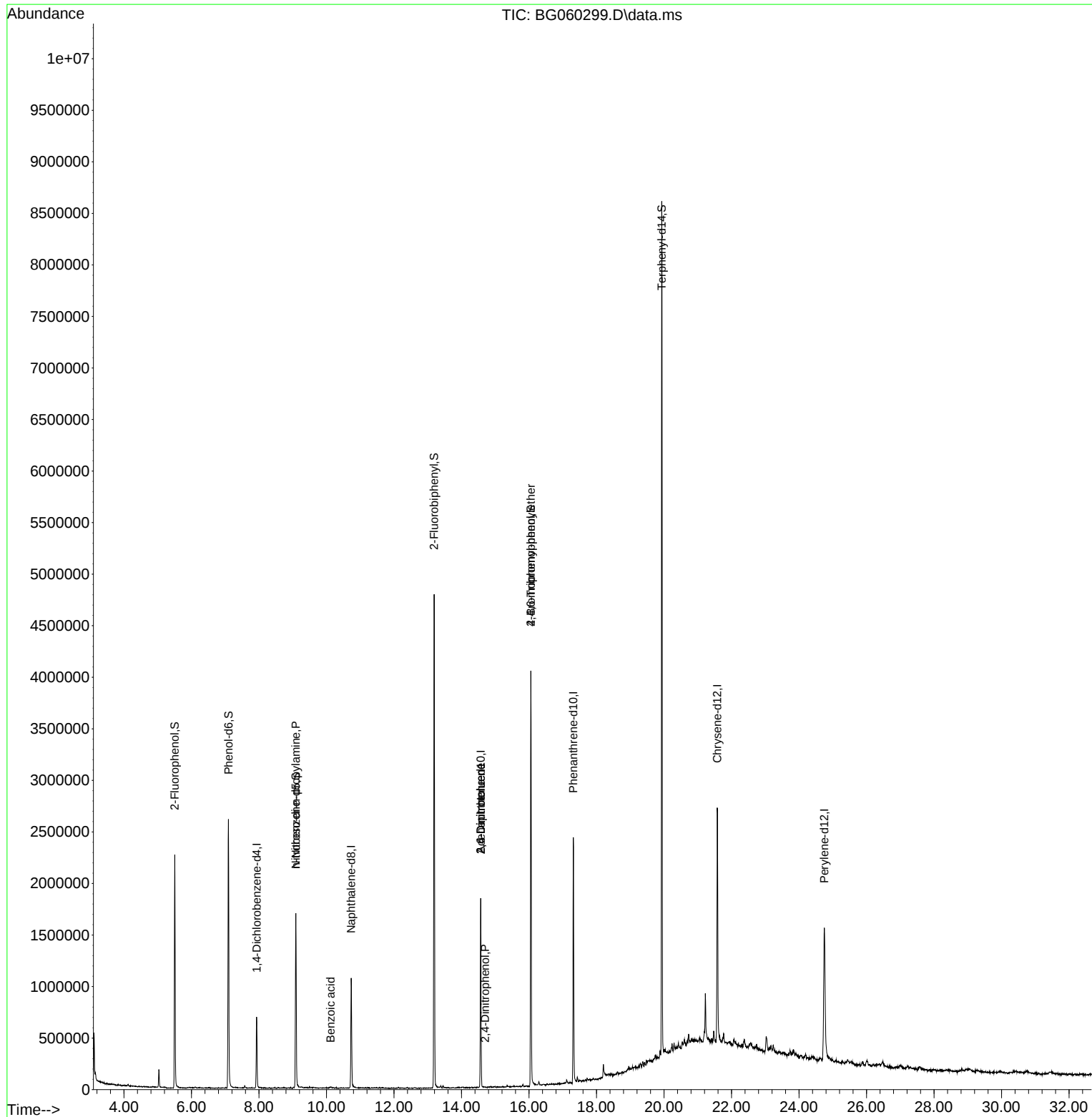
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	213573	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	946488	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	636555	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1614326	20.000	ng	0.00
76) Chrysene-d12	21.578	240	1465656	20.000	ng	0.00
86) Perylene-d12	24.751	264	1602774	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1079621	83.145	ng	0.00
7) Phenol-d6	7.095	99	1782894	92.726	ng	0.00
23) Nitrobenzene-d5	9.093	82	1178476	58.794	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	891762	95.217	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	2779049	60.698	ng	0.00
79) Terphenyl-d14	19.933	244	4235046	67.423	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.093	70	136312	10.243	ng	# 84
32) Benzoic acid	10.121	122	174	10.216	ng	94
51) 2,6-Dinitrotoluene	14.569	165	88989	8.573	ng	# 34
54) 2,4-Dinitrophenol	14.698	184	95	8.600	ng	# 27
57) 2,4-Dinitrotoluene	14.569	165	88989	6.252	ng	# 27
67) 4-Bromophenyl-phenylether	16.055	248	52969	2.986	ng	# 1

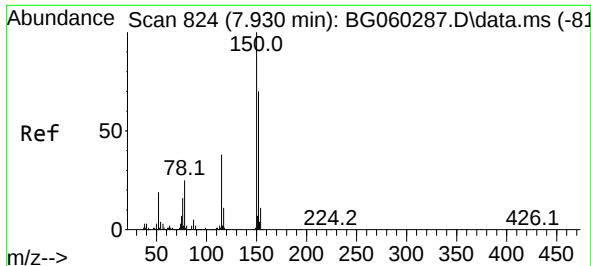
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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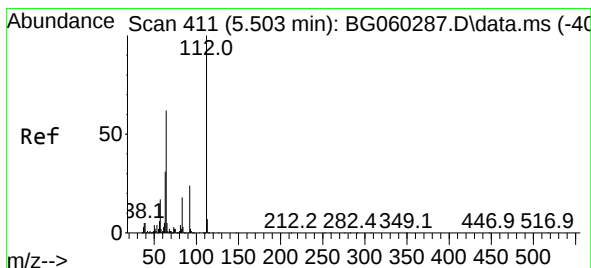
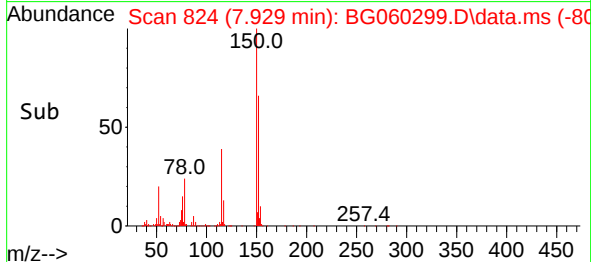
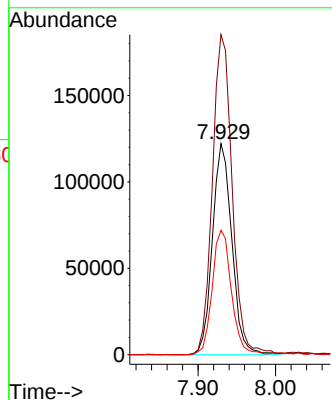
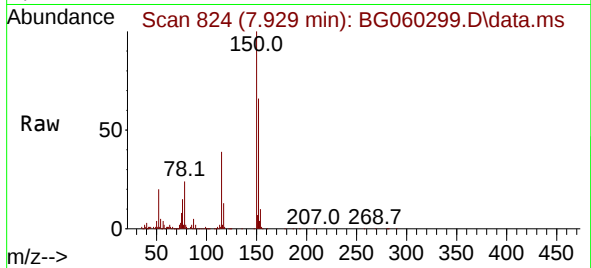




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060299.D
Acq: 10 Jan 2024 13:36

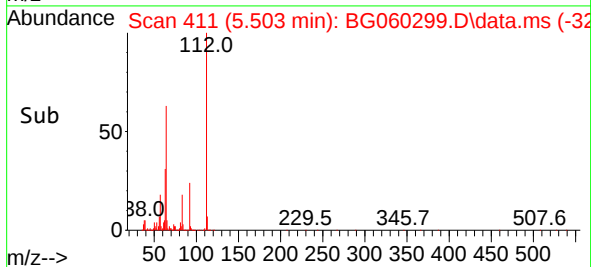
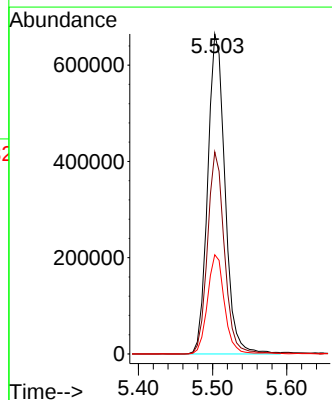
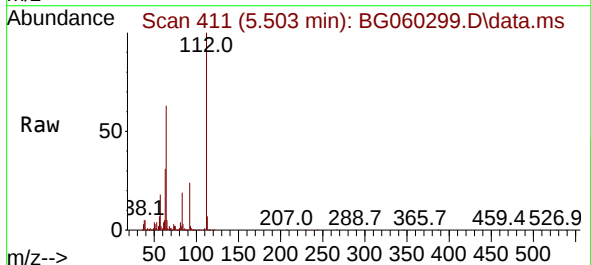
Instrument :
BNA_G
ClientSampleId :
SP-C-COMP(0-8)

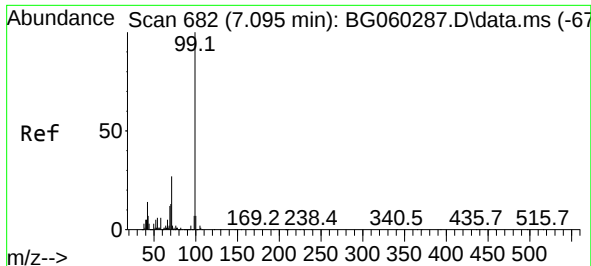
Tgt Ion:152 Resp: 213573
Ion Ratio Lower Upper
152 100
150 151.6 114.5 171.7
115 58.9 43.0 64.6



#5
2-Fluorophenol
Concen: 83.145 ng
RT: 5.503 min Scan# 411
Delta R.T. -0.000 min
Lab File: BG060299.D
Acq: 10 Jan 2024 13:36

Tgt Ion:112 Resp: 1079621
Ion Ratio Lower Upper
112 100
64 63.2 49.8 74.6
63 31.0 24.4 36.6



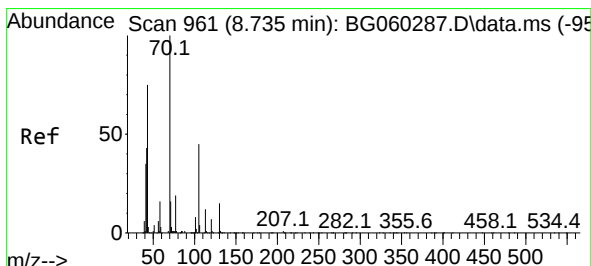
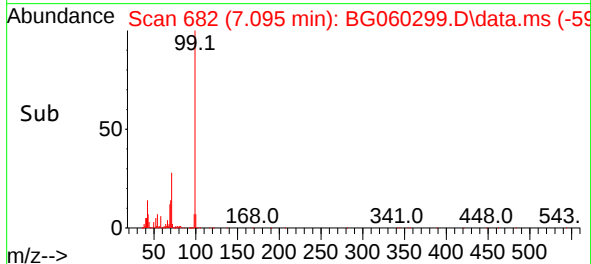
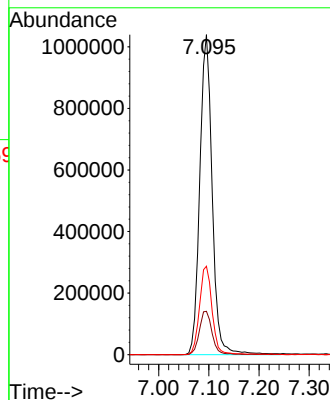
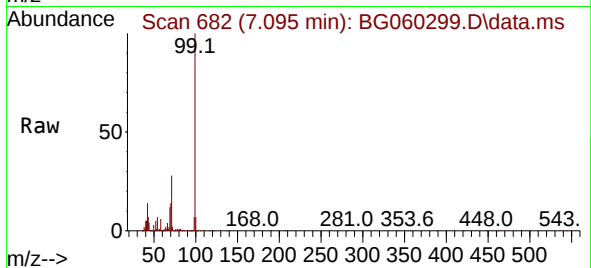


#7
Phenol-d6
Concen: 92.726 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG060299.D
Acq: 10 Jan 2024 13:36

Instrument :
BNA_G
ClientSampleId :
SP-C-COMP(0-8)

Tgt Ion: 99 Resp: 1782894

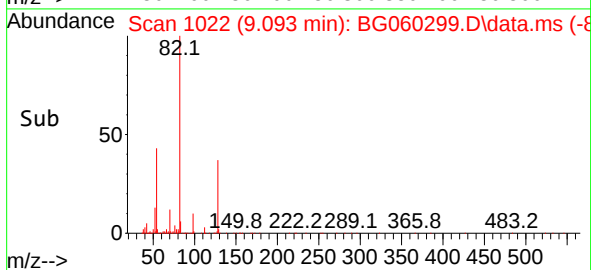
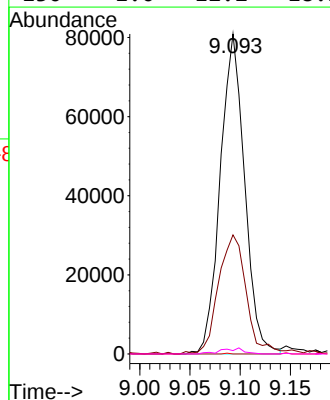
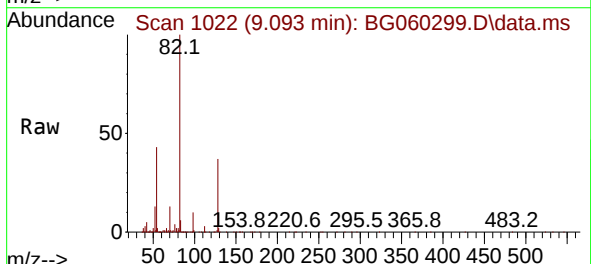
Ion	Ratio	Lower	Upper
99	100		
42	13.6	10.9	16.3
71	27.7	21.5	32.3

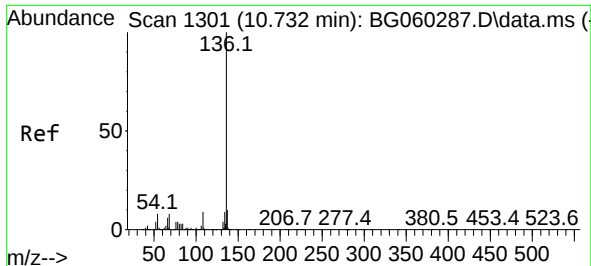


#19
n-Nitroso-di-n-propylamine
Concen: 10.243 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.358 min
Lab File: BG060299.D
Acq: 10 Jan 2024 13:36

Tgt Ion: 70 Resp: 136312

Ion	Ratio	Lower	Upper
70	100		
42	37.2	34.3	51.5
101	0.0	6.2	9.2#
130	1.0	12.2	18.2#

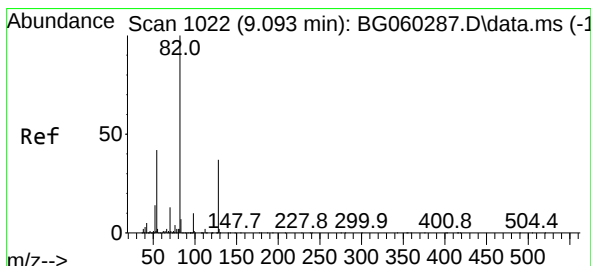
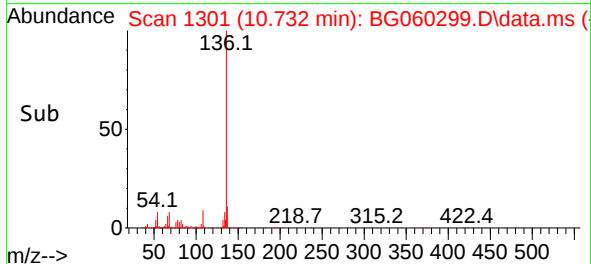
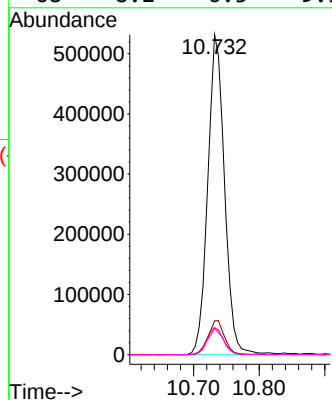
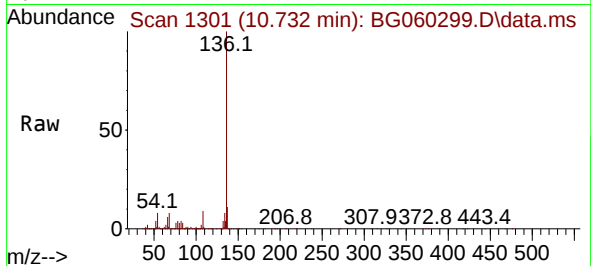




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 111
Delta R.T. -0.000 min
Lab File: BG060299.D
Acq: 10 Jan 2024 13:36

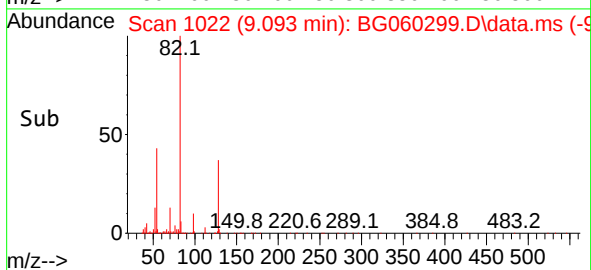
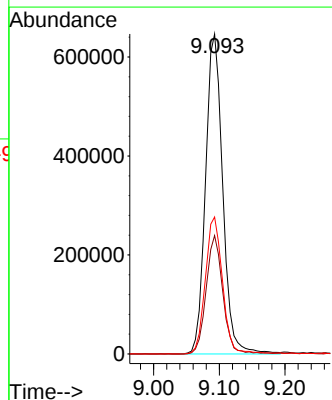
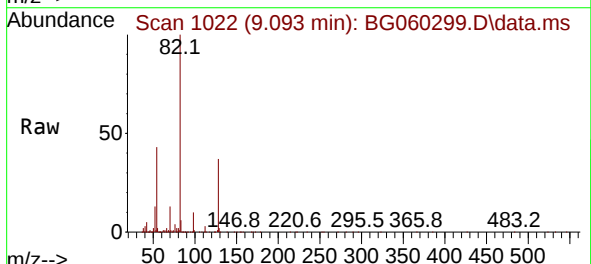
Instrument :
BNA_G
ClientSampleId :
SP-C-COMP(0-8)

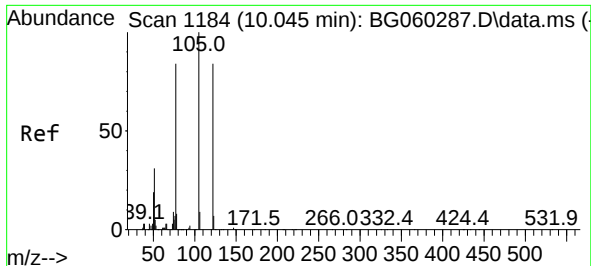
Tgt Ion:	136	Resp:	946488
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	8.5	6.2	9.2
68	8.2	6.3	9.5



#23
Nitrobenzene-d5
Concen: 58.794 ng
RT: 9.093 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BG060299.D
Acq: 10 Jan 2024 13:36

Tgt Ion:	82	Resp:	1178476
Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.6	44.4
54	42.8	33.6	50.4

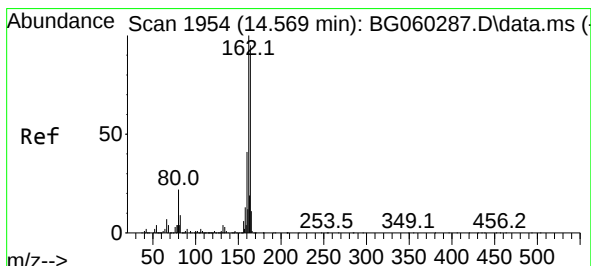
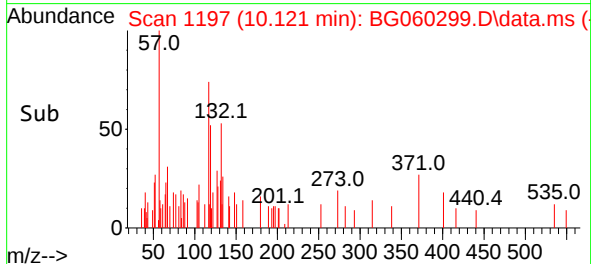
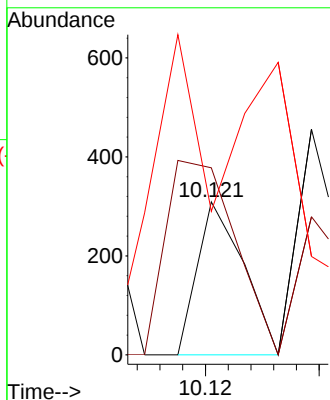
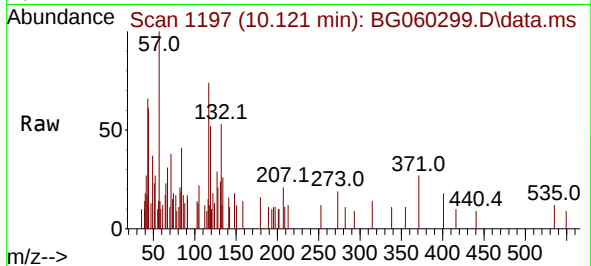




#32
Benzoic acid
Concen: 10.216 ng
RT: 10.121 min Scan# 1184
Delta R.T. 0.076 min
Lab File: BG060299.D
Acq: 10 Jan 2024 13:36

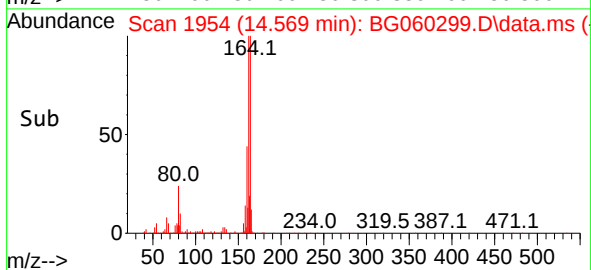
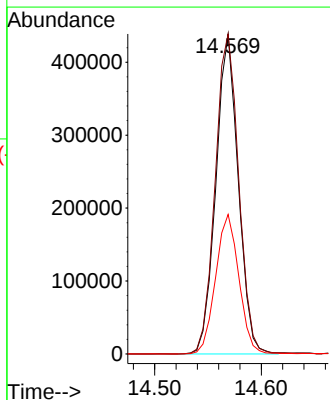
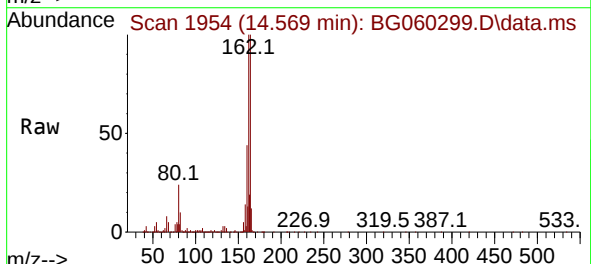
Instrument :
BNA_G
ClientSampleId :
SP-C-COMP(0-8)

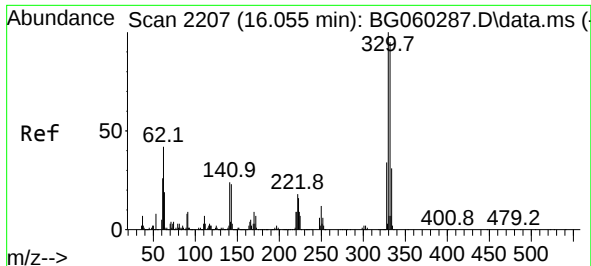
Tgt Ion:	122	Resp:	174
Ion	Ratio	Lower	Upper
122	100		
105	122.3	96.0	136.0
77	93.9	80.1	120.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BG060299.D
Acq: 10 Jan 2024 13:36

Tgt Ion:	164	Resp:	636555
Ion	Ratio	Lower	Upper
164	100		
162	100.1	84.4	126.6
160	43.7	34.6	52.0

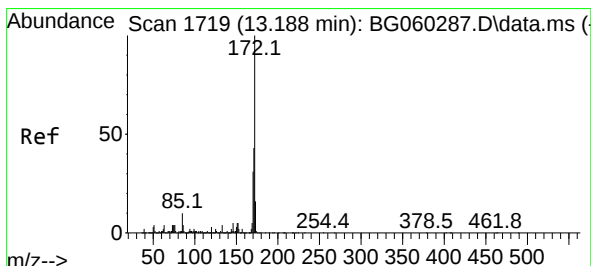
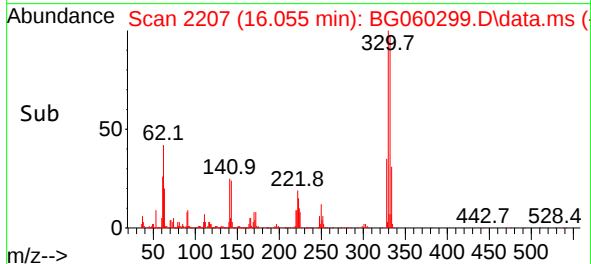
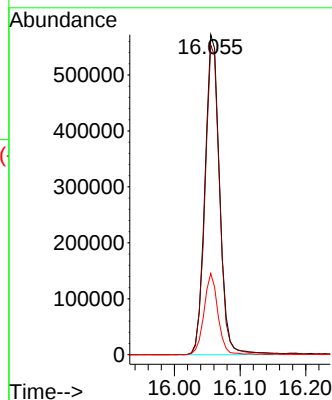
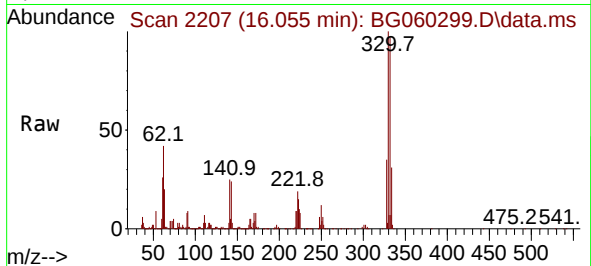




#42
2,4,6-Tribromophenol
Concen: 95.217 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060299.D
Acq: 10 Jan 2024 13:36

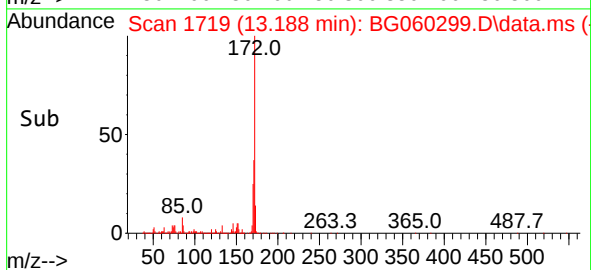
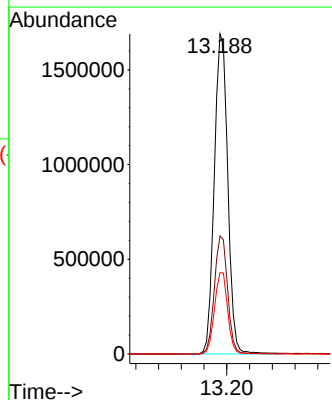
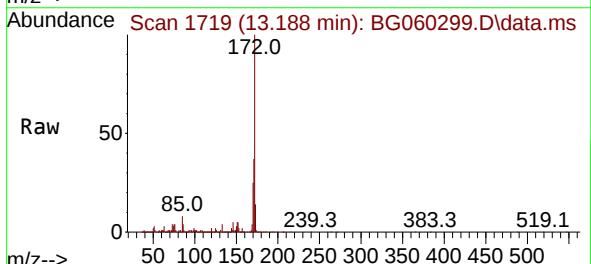
Instrument :
BNA_G
ClientSampleId :
SP-C-COMP(0-8)

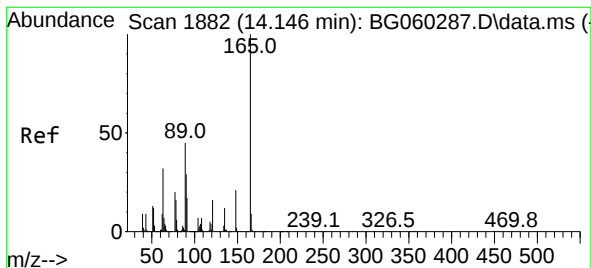
Tgt Ion:330 Resp: 891762
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 23.9 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 60.698 ng
RT: 13.188 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BG060299.D
Acq: 10 Jan 2024 13:36

Tgt Ion:172 Resp: 2779049
Ion Ratio Lower Upper
172 100
171 36.9 34.6 51.8
170 25.4 24.4 36.6





#51

2,6-Dinitrotoluene

Concen: 8.573 ng

RT: 14.569 min Scan# 1954

Delta R.T. 0.423 min

Lab File: BG060299.D

Acq: 10 Jan 2024 13:36

Instrument :

BNA_G

ClientSampleId :

SP-C-COMP(0-8)

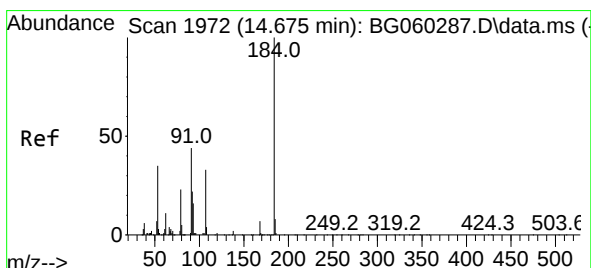
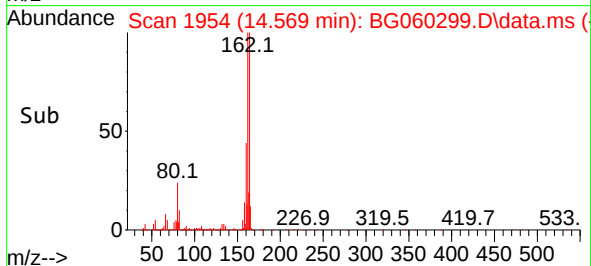
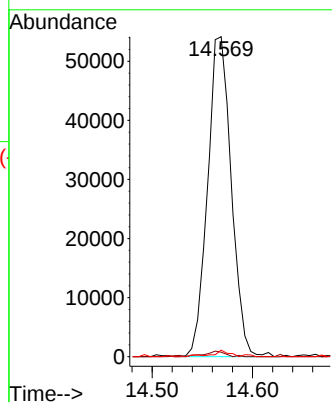
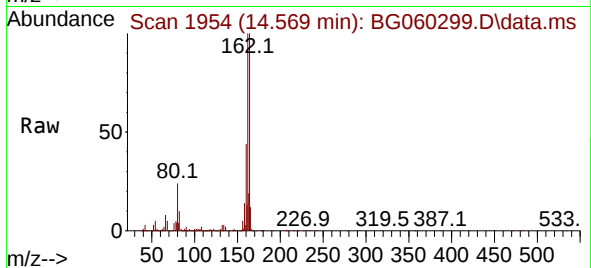
Tgt Ion:165 Resp: 88989

Ion Ratio Lower Upper

165 100

63 1.4 35.0 52.4#

89 2.1 36.2 54.2#



#54

2,4-Dinitrophenol

Concen: 8.600 ng

RT: 14.698 min Scan# 1976

Delta R.T. 0.023 min

Lab File: BG060299.D

Acq: 10 Jan 2024 13:36

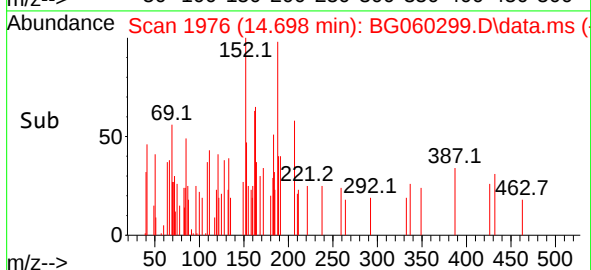
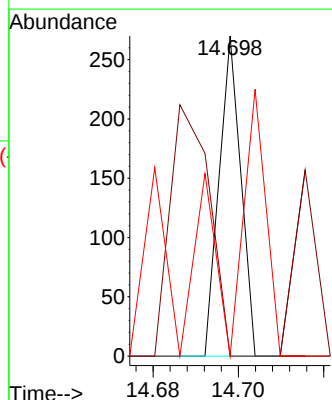
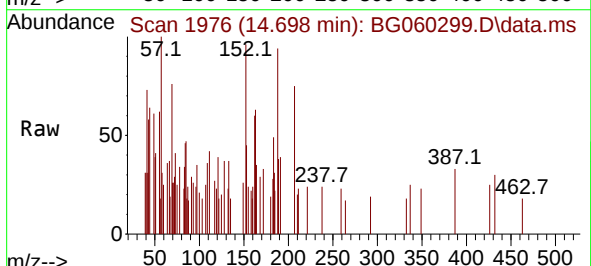
Tgt Ion:184 Resp: 95

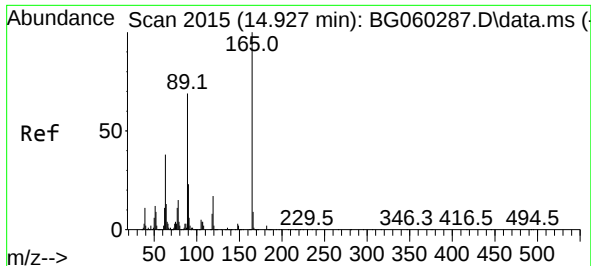
Ion Ratio Lower Upper

184 100

63 0.0 41.0 61.4#

154 0.0 39.2 58.8#





#57

2,4-Dinitrotoluene

Concen: 6.252 ng

RT: 14.569 min Scan# 1954

Delta R.T. -0.358 min

Lab File: BG060299.D

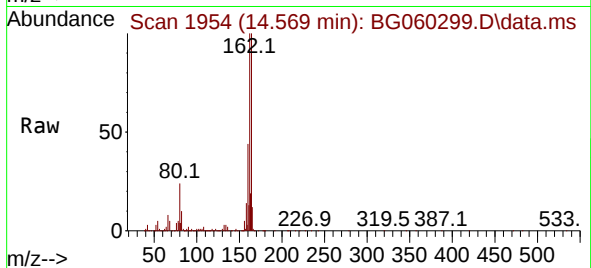
Acq: 10 Jan 2024 13:36

Instrument :

BNA_G

ClientSampleId :

SP-C-COMP(0-8)



Tgt Ion:165 Resp: 88989

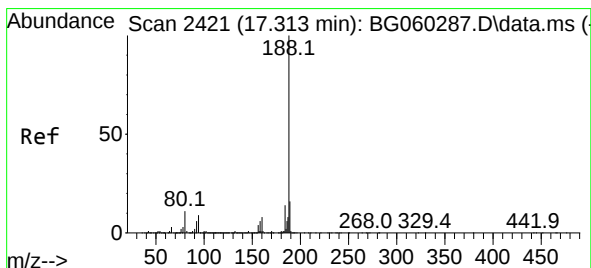
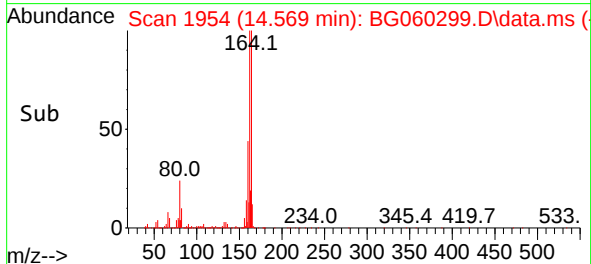
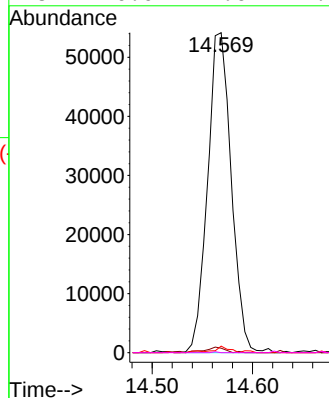
Ion Ratio Lower Upper

165 100

63 1.4 30.4 45.6#

89 2.1 55.4 83.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.313 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BG060299.D

Acq: 10 Jan 2024 13:36

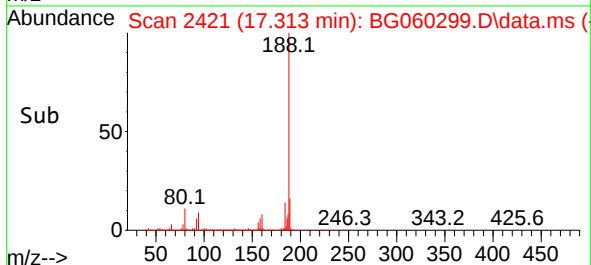
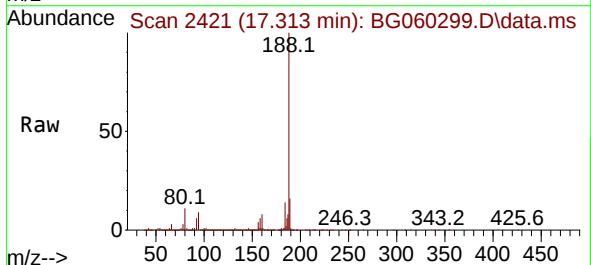
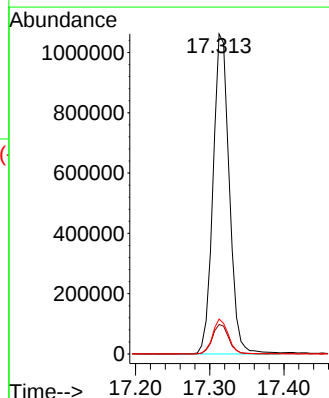
Tgt Ion:188 Resp: 1614326

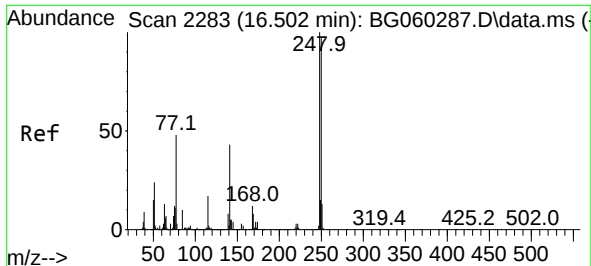
Ion Ratio Lower Upper

188 100

94 9.2 7.1 10.7

80 10.9 8.5 12.7

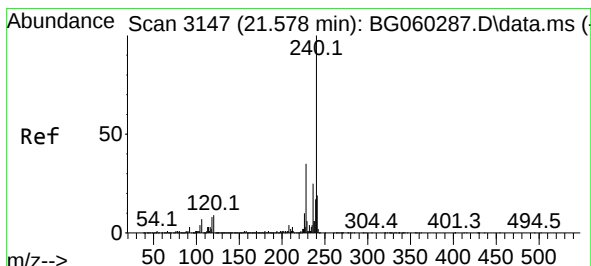
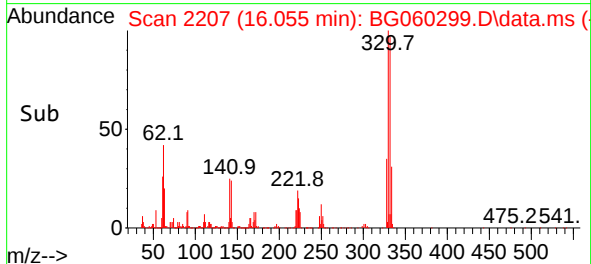
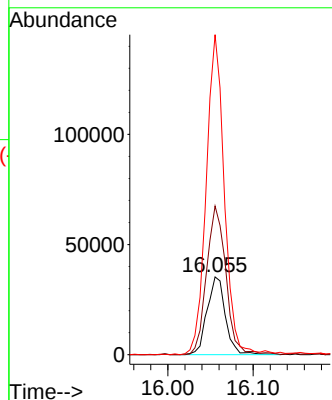
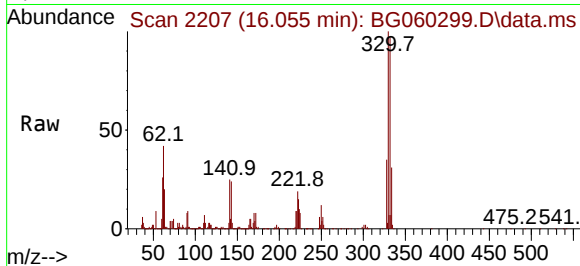




#67
4-Bromophenyl-phenylether
Concen: 2.986 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060299.D
Acq: 10 Jan 2024 13:36

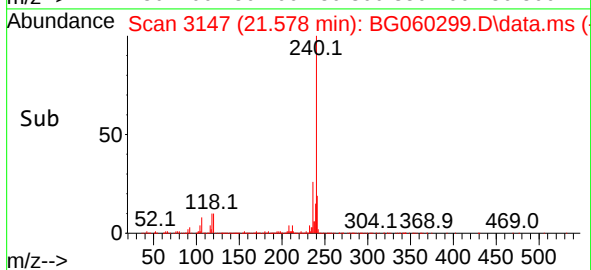
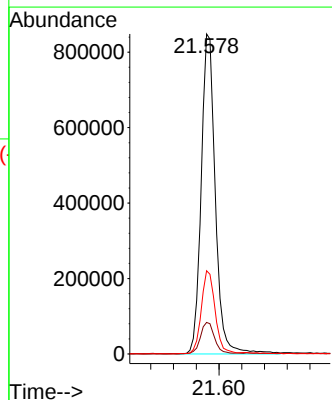
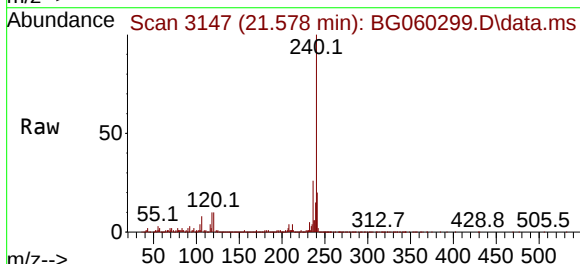
Instrument :
BNA_G
ClientSampleId :
SP-C-COMP(0-8)

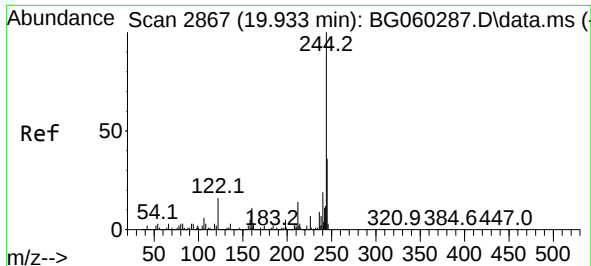
Tgt Ion:248 Resp: 52969
Ion Ratio Lower Upper
248 100
250 250.9 77.6 116.4#
141 411.6 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BG060299.D
Acq: 10 Jan 2024 13:36

Tgt Ion:240 Resp: 1465656
Ion Ratio Lower Upper
240 100
120 9.8 7.3 10.9
236 26.0 20.3 30.5

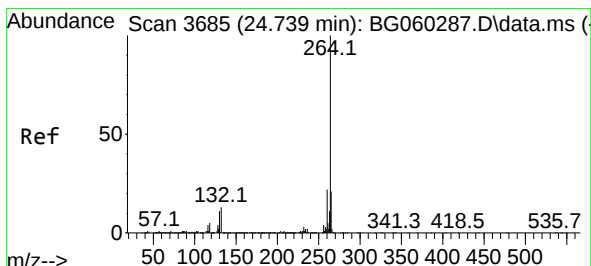
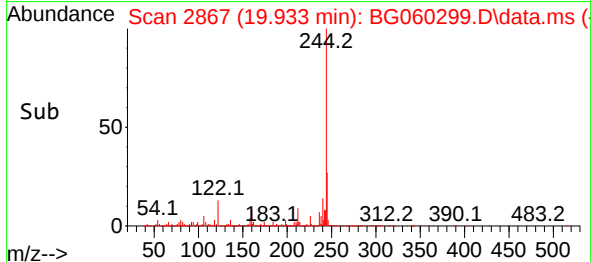
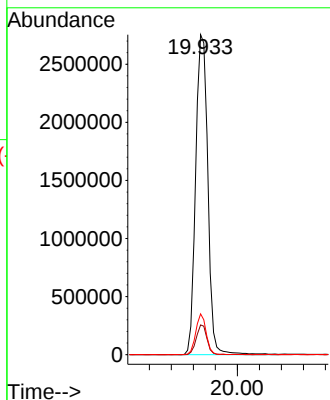
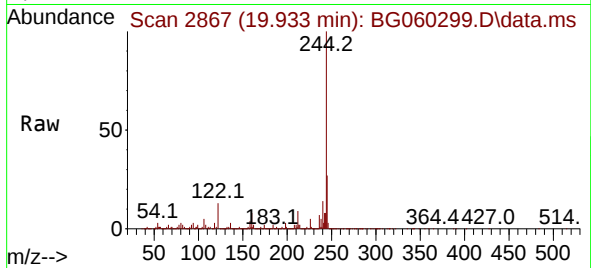




#79
 Terphenyl-d14
 Concen: 67.423 ng
 RT: 19.933 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG060299.D
 Acq: 10 Jan 2024 13:36

Instrument :
 BNA_G
 ClientSampleId :
 SP-C-COMP(0-8)

Tgt Ion:244 Resp: 4235046
 Ion Ratio Lower Upper
 244 100
 212 9.3 10.9 16.3#
 122 12.7 12.6 18.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.751 min Scan# 3687
 Delta R.T. 0.012 min
 Lab File: BG060299.D
 Acq: 10 Jan 2024 13:36

Tgt Ion:264 Resp: 1602774
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.8 26.6
 265 22.8 16.8 25.2

