

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
 Data File : BG060249.D
 Acq On : 4 Jan 2024 17:40
 Operator : MA/JU
 Sample : 06038-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-703

Quant Time: Jan 04 18:13:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

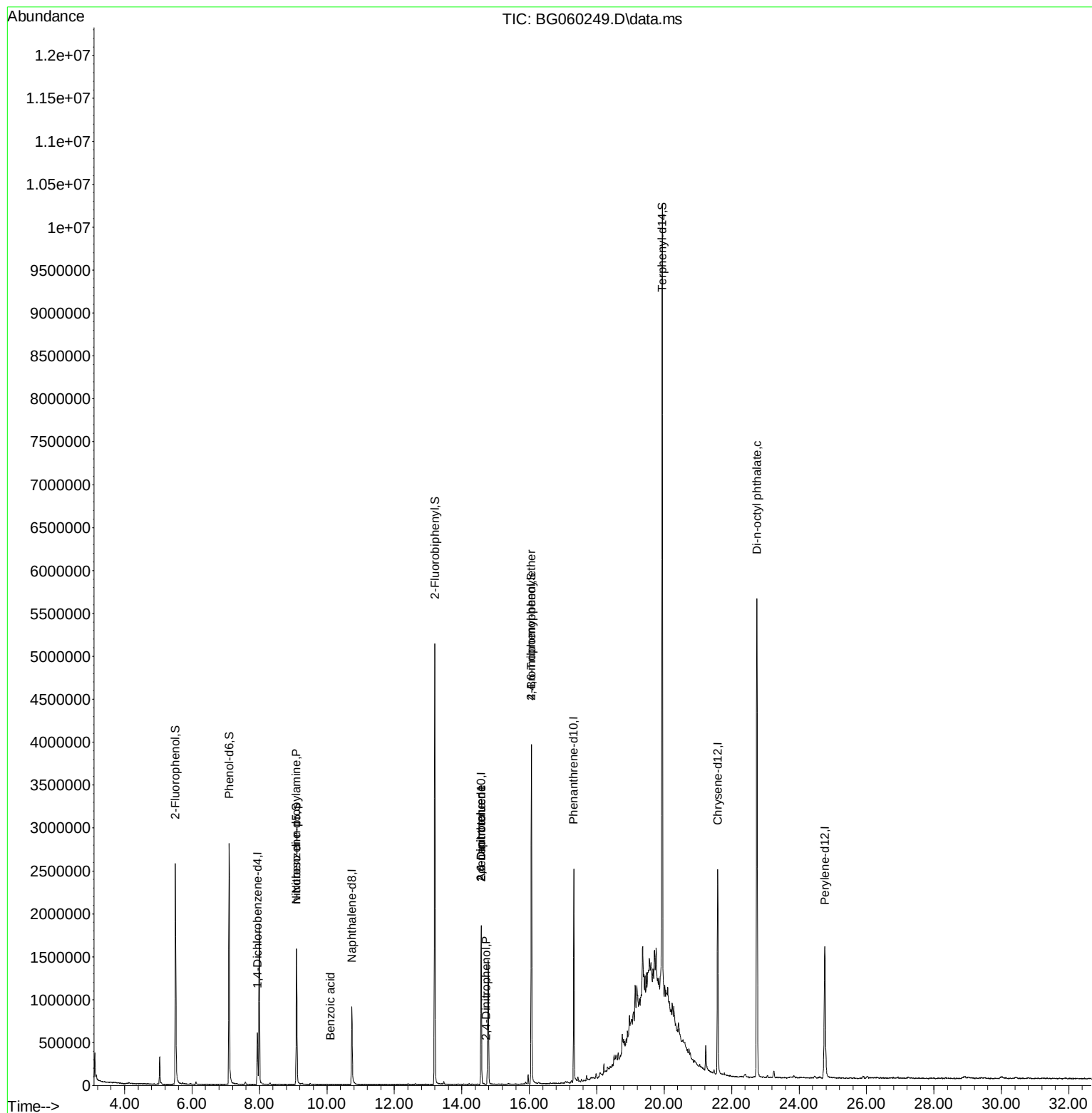
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	202048	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	807807	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	650586	20.000	ng	0.00
64) Phenanthrene-d10	17.323	188	1670881	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1445192	20.000	ng	0.00
86) Perylene-d12	24.768	264	1736153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1269383	94.825	ng	0.00
7) Phenol-d6	7.100	99	1881185	94.647	ng	0.00
23) Nitrobenzene-d5	9.098	82	1085422	62.064	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	858560	98.586	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	2903190	64.135	ng	0.00
79) Terphenyl-d14	19.944	244	4335601	57.675	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	132145	9.732	ng	# 85
32) Benzoic acid	10.103	122	64	10.277	ng	# 36
51) 2,6-Dinitrotoluene	14.574	165	85984	8.230	ng	# 29
54) 2,4-Dinitrophenol	14.727	184	68	8.246	ng	# 25
57) 2,4-Dinitrotoluene	14.574	165	85984	6.052	ng	# 26
67) 4-Bromophenyl-phenylether	16.060	248	49049	2.769	ng	# 1
85) Di-n-octyl phthalate	22.752	149	864513	12.158	ng	# 43

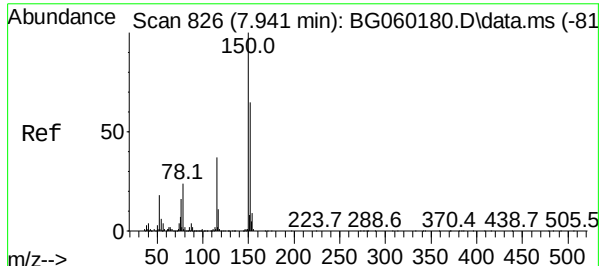
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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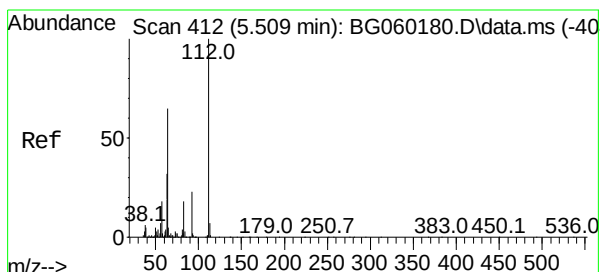
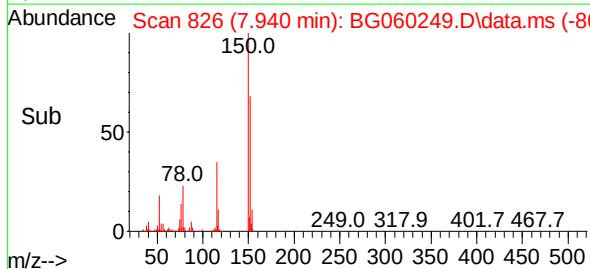
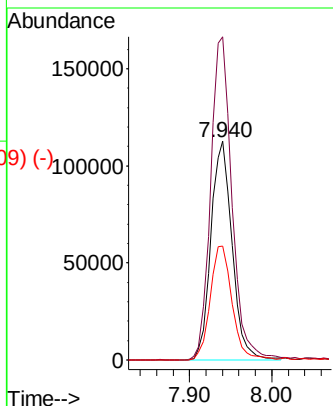
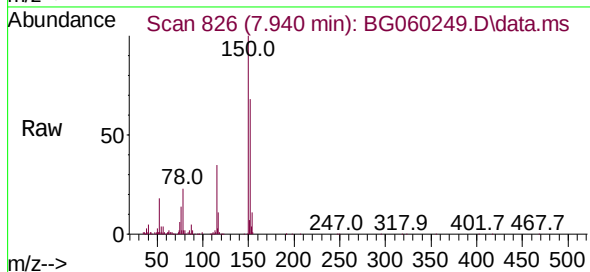




Scan 826 (7.941 min): BG060180.D\data.ms (-817) #1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.940 min Scan# 826
 Delta R.T. -0.001 min
 Lab File: BG060249.D
 Acq: 4 Jan 2024 17:40

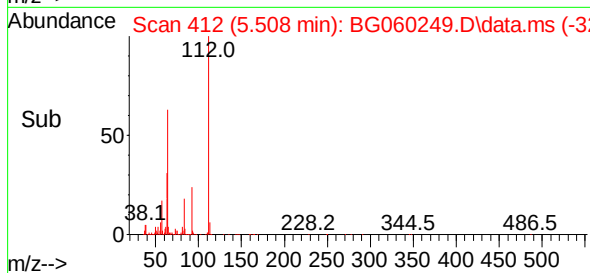
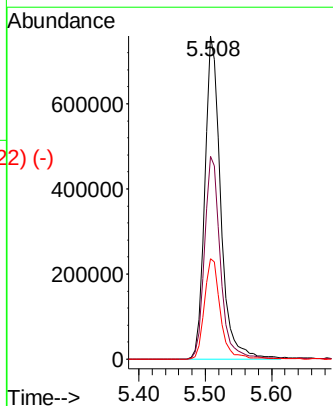
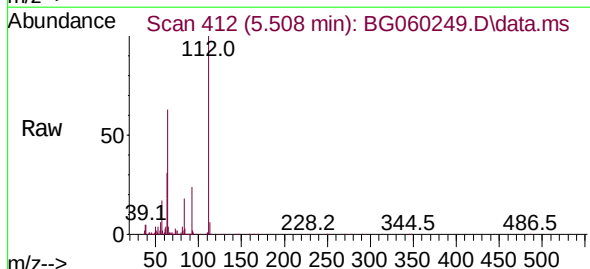
Instrument :
 BNA_G
 ClientSampleId :
 T-703

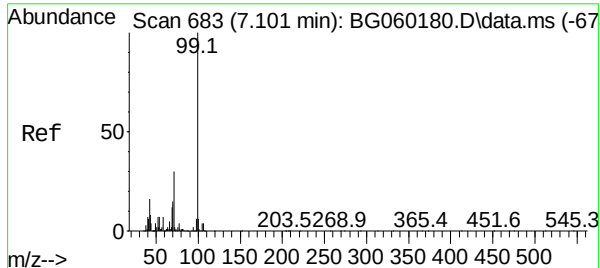
Tgt Ion:	152	Resp:	202048
Ion	Ratio	Lower	Upper
152	100		
150	147.7	123.4	185.0
115	52.1	45.4	68.0



Scan 412 (5.509 min): BG060180.D\data.ms (-404) #5
 2-Fluorophenol
 Concen: 94.825 ng
 RT: 5.508 min Scan# 412
 Delta R.T. -0.001 min
 Lab File: BG060249.D
 Acq: 4 Jan 2024 17:40

Tgt Ion:	112	Resp:	1269383
Ion	Ratio	Lower	Upper
112	100		
64	62.9	52.2	78.4
63	31.0	25.4	38.0





Phenol-d6

Concen: 94.647 ng

RT: 7.100 min Scan#

Delta R.T. -0.001 min

Lab File: BG060249.D

Acq: 4 Jan 2024 17:40

Instrument :

BNA_G

ClientSampleId :

T-703

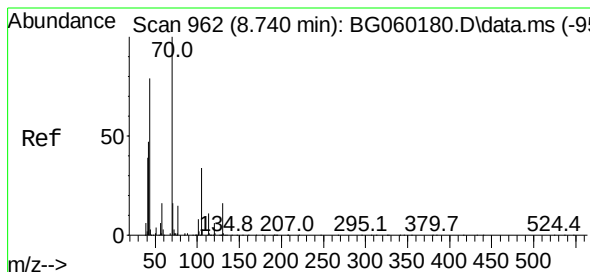
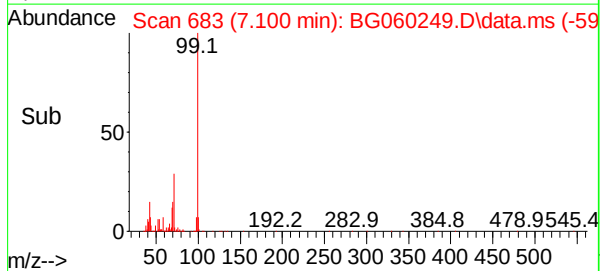
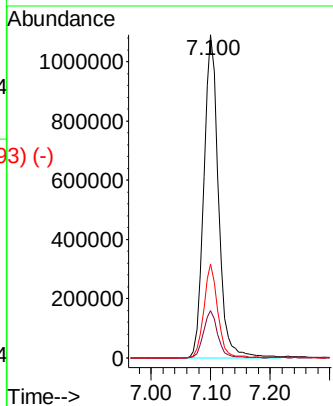
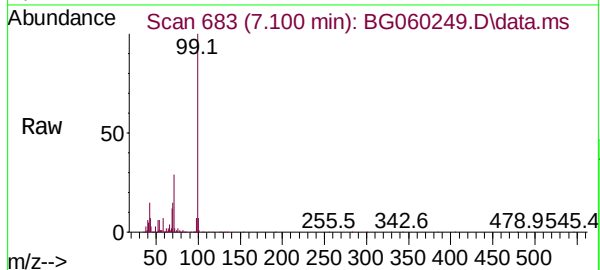
Tgt Ion: 99 Resp: 1881185

Ion	Ratio	Lower	Upper
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99	100		
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42	14.6	12.5	18.7
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71	29.2	24.1	36.1
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n-Nitroso-di-n-propylamine

Concen: 9.732 ng

RT: 9.098 min Scan# 1023

Delta R.T. 0.358 min

Lab File: BG060249.D

Acq: 4 Jan 2024 17:40

Tgt Ion: 70 Resp: 132145

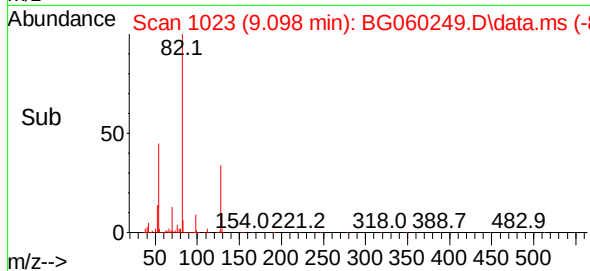
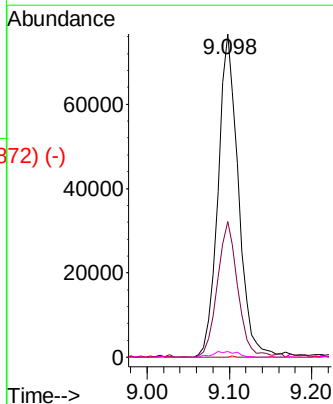
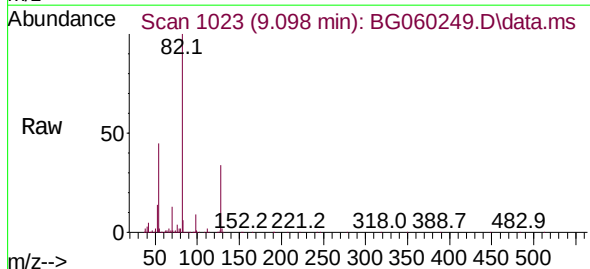
Ion	Ratio	Lower	Upper
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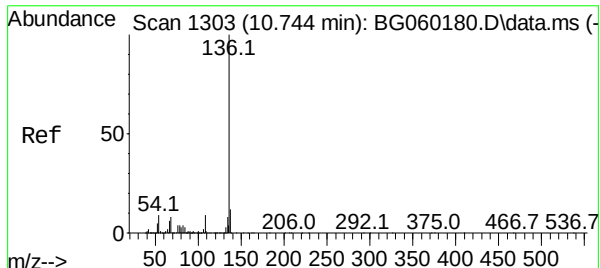
70	100		
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42	42.0	37.9	56.9
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101	0.0	6.2	9.2#
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130	1.7	13.0	19.4#
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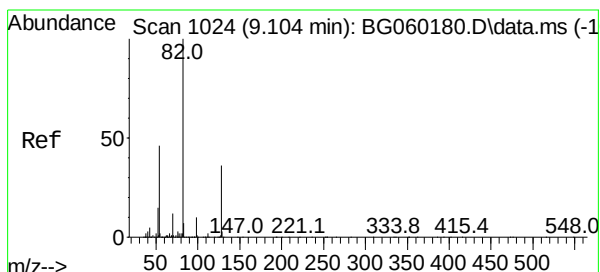
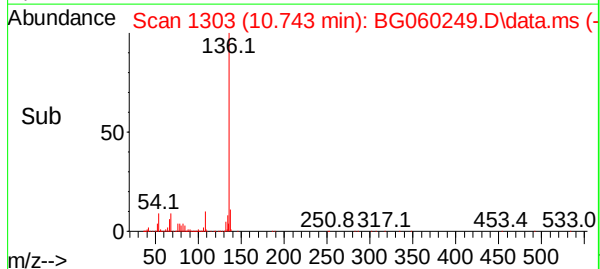
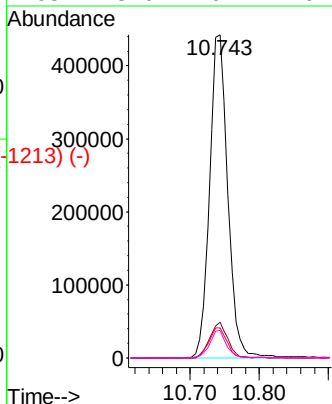
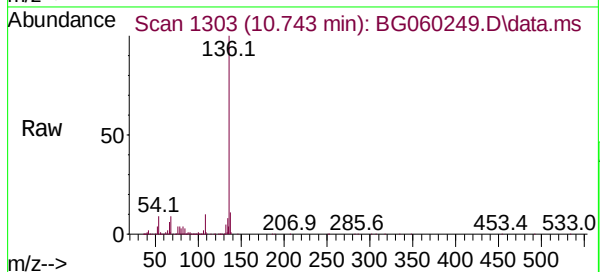




Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1303
Delta R.T. -0.001 min
Lab File: BG060249.D
Acq: 4 Jan 2024 17:40

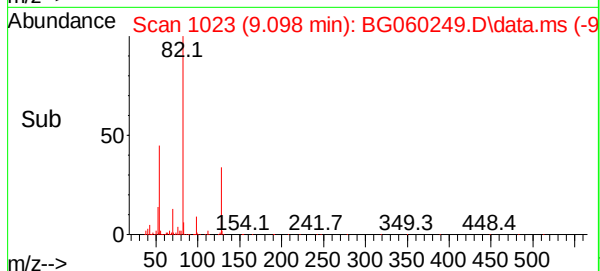
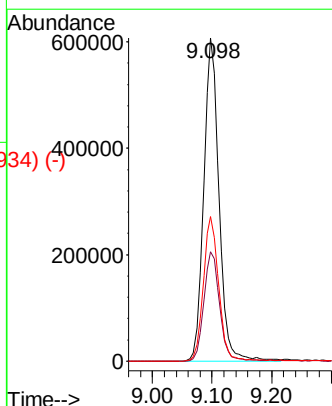
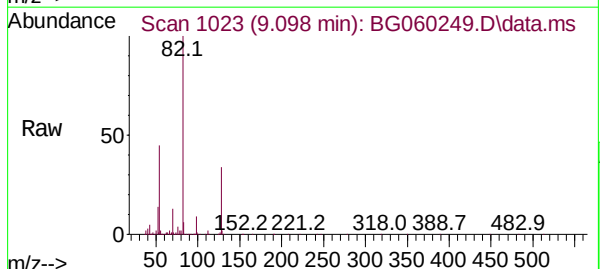
Instrument :
BNA_G
ClientSampleId :
T-703

Tgt Ion:	136	Resp:	807807
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.0
54	9.2	7.4	11.2
68	8.6	6.2	9.4

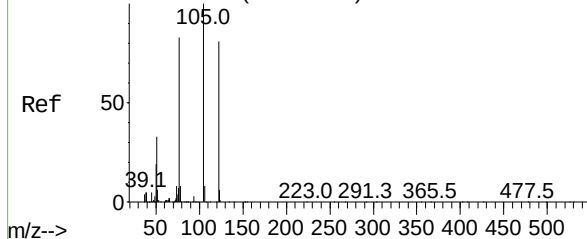


Nitrobenzene-d5
Concen: 62.064 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.007 min
Lab File: BG060249.D
Acq: 4 Jan 2024 17:40

Tgt Ion:	82	Resp:	1085422
Ion	Ratio	Lower	Upper
82	100		
128	33.9	28.7	43.1
54	44.7	36.9	55.3



Abundance Scan 1184 (10.045 min): BG060180.D\data.ms (-1#20) (-)

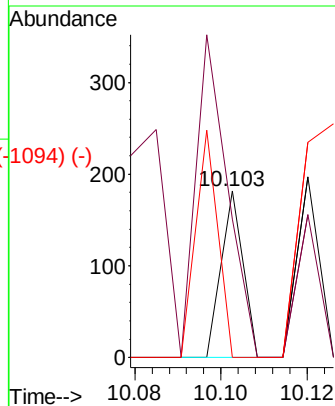
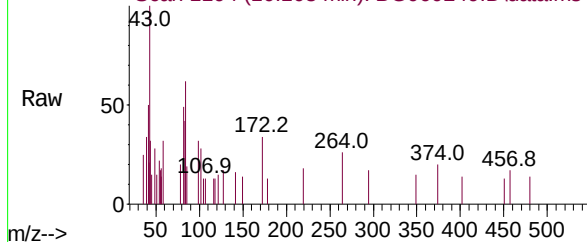


Benzoic acid
Concen: 10.277 ng
RT: 10.103 min Scan# 1184
Delta R.T. 0.058 min
Lab File: BG060249.D
Acq: 4 Jan 2024 17:40

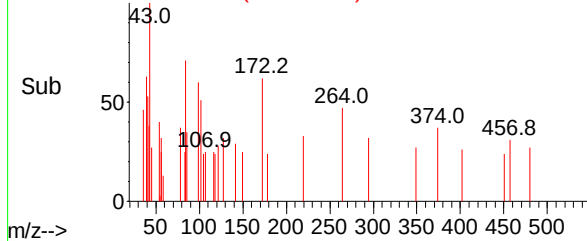
Instrument :
BNA_G
ClientSampleId :
T-703

Tgt Ion:	122	Resp:	64
Ion	Ratio	Lower	Upper
122	100		
105	83.0	99.2	139.2#
77	0.0	81.0	121.0#

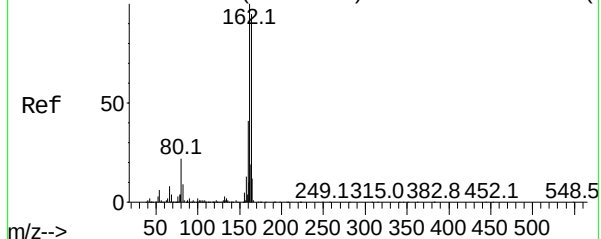
Abundance Scan 1194 (10.103 min): BG060249.D\data.ms



Abundance Scan 1194 (10.103 min): BG060249.D\data.ms (-1094) (-)



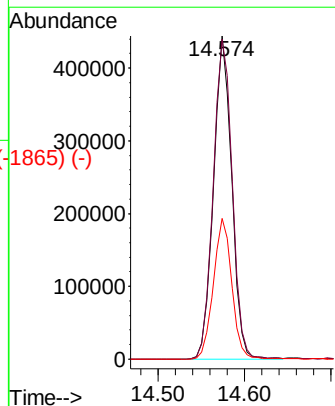
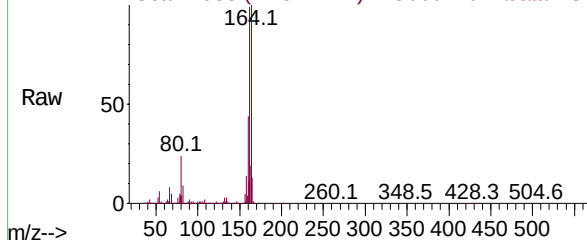
Abundance Scan 1955 (14.575 min): BG060180.D\data.ms (-1#20) (-)



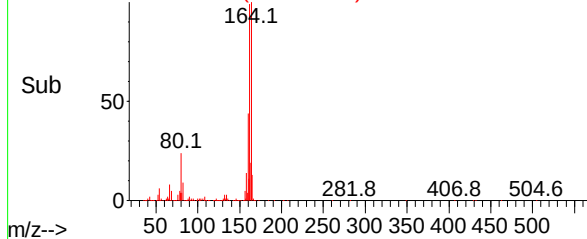
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG060249.D
Acq: 4 Jan 2024 17:40

Tgt Ion:	164	Resp:	650586
Ion	Ratio	Lower	Upper
164	100		
162	99.1	83.9	125.9
160	43.6	34.2	51.4

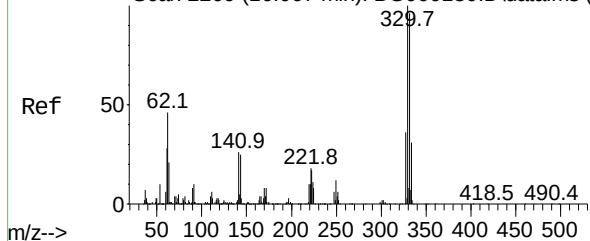
Abundance Scan 1955 (14.574 min): BG060249.D\data.ms



Abundance Scan 1955 (14.574 min): BG060249.D\data.ms (-1865) (-)



Abundance Scan 2209 (16.067 min): BG060180.D\data.ms (-2209) (-)

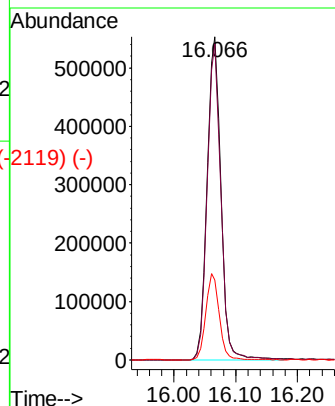
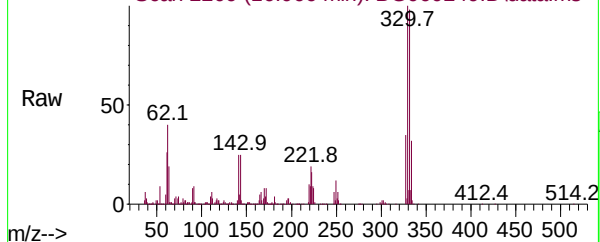


2,4,6-Tribromophenol
Concen: 98.586 ng
RT: 16.066 min Scan# 2209
Delta R.T. -0.001 min
Lab File: BG060249.D
Acq: 4 Jan 2024 17:40

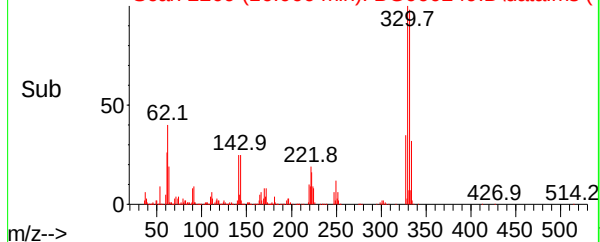
Instrument :
BNA_G
ClientSampleId :
T-703

Tgt Ion:	330	Resp:	858560
Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.7	115.1
141	25.8	21.0	31.4

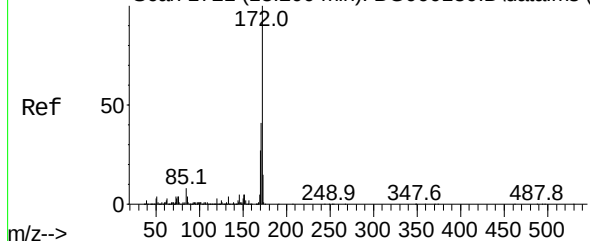
Abundance Scan 2209 (16.066 min): BG060249.D\data.ms



Abundance Scan 2209 (16.066 min): BG060249.D\data.ms (-2119) (-)



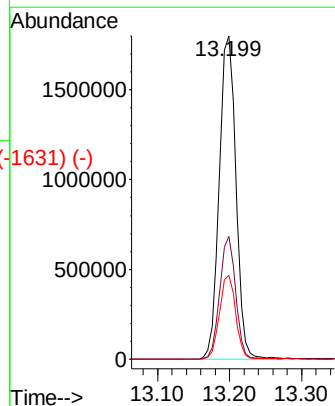
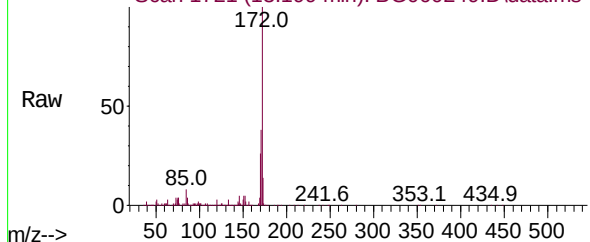
Abundance Scan 1721 (13.200 min): BG060180.D\data.ms (-1721) (-)



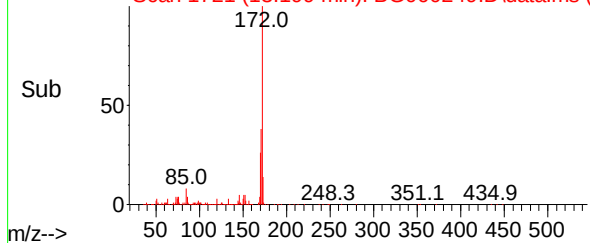
2-Fluorobiphenyl
Concen: 64.135 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG060249.D
Acq: 4 Jan 2024 17:40

Tgt Ion:	172	Resp:	2903190
Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.6	48.8
170	26.0	21.8	32.6

Abundance Scan 1721 (13.199 min): BG060249.D\data.ms



Abundance Scan 1721 (13.199 min): BG060249.D\data.ms (-1631) (-)



Abundance Scan 1883 (14.152 min): BG060180.D\data.ms (-1754) (-)

2,6-Dinitrotoluene

Concen: 8.230 ng

RT: 14.574 min Scan# 1955

Delta R.T. 0.422 min

Lab File: BG060249.D

Acq: 4 Jan 2024 17:40

Instrument :

BNA_G

ClientSampleId :

T-703

Tgt Ion:165 Resp: 85984

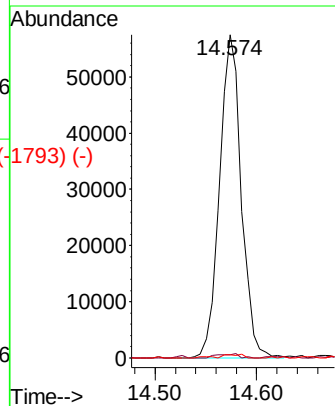
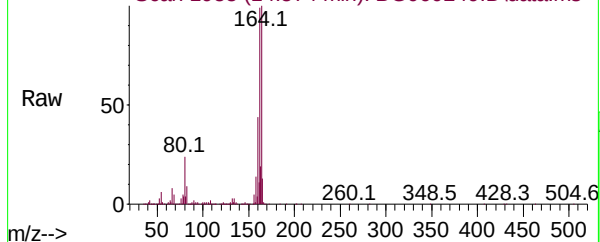
Ion Ratio Lower Upper

165 100

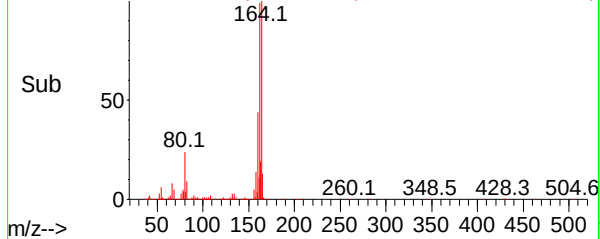
63 0.9 39.3 58.9#

89 0.9 39.8 59.8#

Abundance Scan 1955 (14.574 min): BG060249.D\data.ms



Abundance Scan 1955 (14.574 min): BG060249.D\data.ms (-1793) (-)



Abundance Scan 1973 (14.680 min): BG060180.D\data.ms (-1954) (-)

2,4-Dinitrophenol

Concen: 8.246 ng

RT: 14.727 min Scan# 1981

Delta R.T. 0.047 min

Lab File: BG060249.D

Acq: 4 Jan 2024 17:40

Tgt Ion:184 Resp: 68

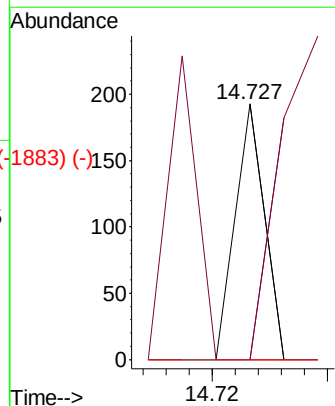
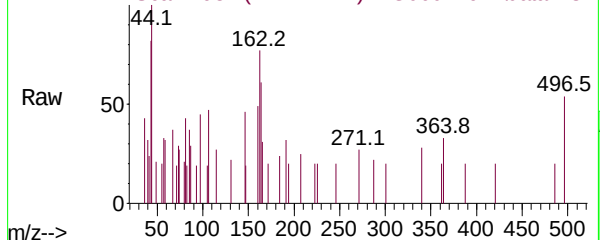
Ion Ratio Lower Upper

184 100

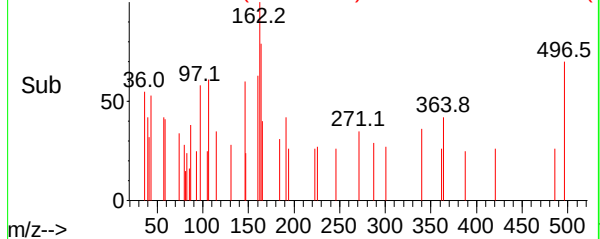
63 0.0 45.4 68.2#

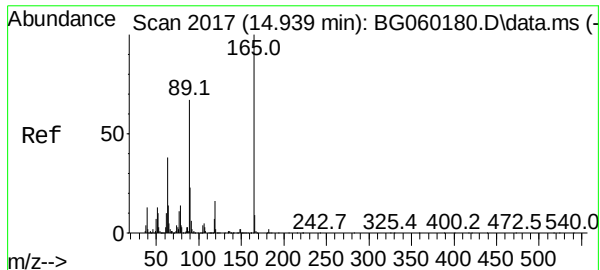
154 0.0 40.0 60.0#

Abundance Scan 1981 (14.727 min): BG060249.D\data.ms



Abundance Scan 1981 (14.727 min): BG060249.D\data.ms (-1883) (-)

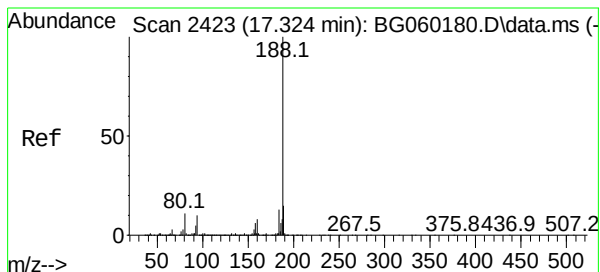
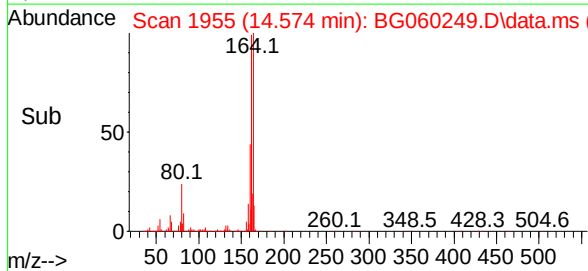
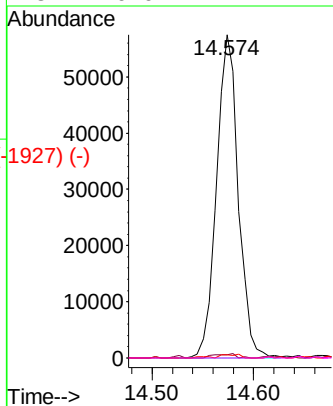
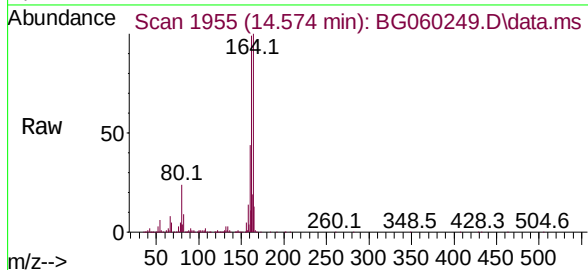




2,4-Dinitrotoluene
Concen: 6.052 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.365 min
Lab File: BG060249.D
Acq: 4 Jan 2024 17:40

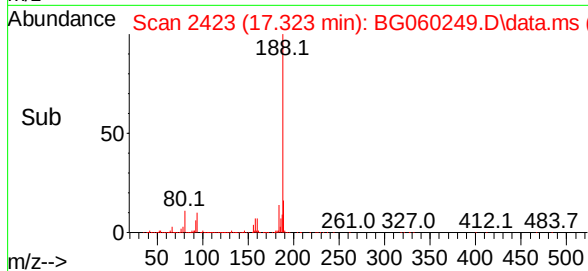
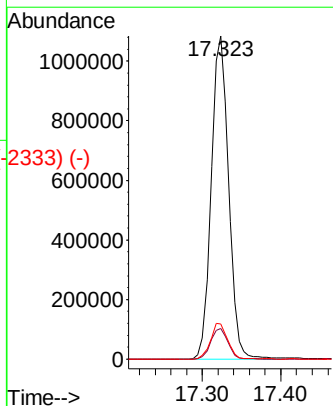
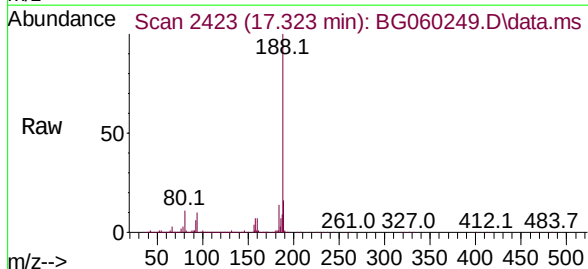
Instrument :
BNA_G
ClientSampleId :
T-703

Tgt Ion:	165	Resp:	85984
Ion	Ratio	Lower	Upper
165	100		
63	0.9	31.0	46.6#
89	0.9	53.3	79.9#
182	0.0	1.7	2.5#



Phenanthrene-d10
Concen: 20.000 ng
RT: 17.323 min Scan# 2423
Delta R.T. -0.001 min
Lab File: BG060249.D
Acq: 4 Jan 2024 17:40

Tgt Ion:	188	Resp:	1670881
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.8	11.6
80	10.9	8.6	13.0



Abundance Scan 2285 (16.513 min): BG060180.D\data.ms (-2285) (-)

4-Bromophenyl-phenylether

Concen: 2.769 ng

RT: 16.060 min Scan# 2285

Delta R.T. -0.453 min

Lab File: BG060249.D

Acq: 4 Jan 2024 17:40

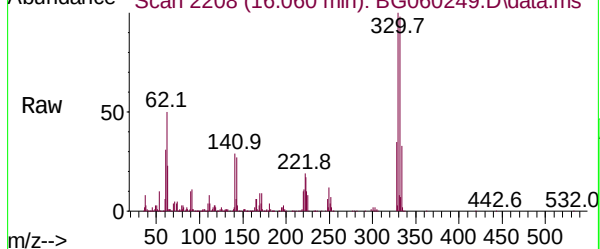
Instrument :

BNA_G

ClientSampleId :

T-703

Abundance Scan 2208 (16.060 min): BG060249.D\data.ms



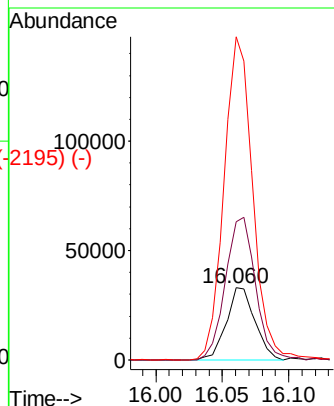
Tgt Ion:248 Resp: 49049

Ion Ratio Lower Upper

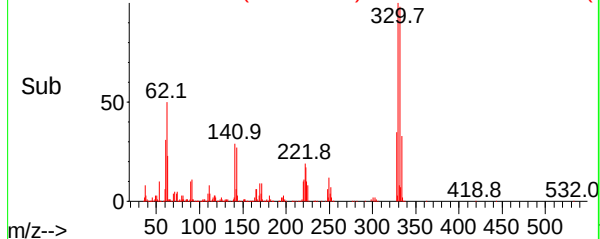
248 100

250 252.1 76.2 114.4#

141 448.3 36.0 54.0#



Abundance Scan 2208 (16.060 min): BG060249.D\data.ms (-2195) (-)



Abundance Scan 3149 (21.590 min): BG060180.D\data.ms (-3149) (-)

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 3149

Delta R.T. -0.001 min

Lab File: BG060249.D

Acq: 4 Jan 2024 17:40

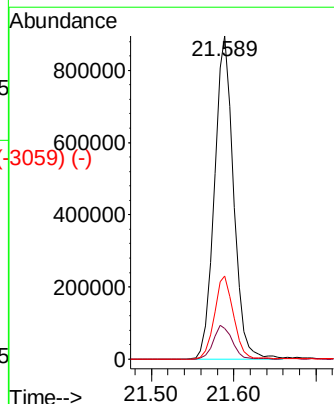
Tgt Ion:240 Resp: 1445192

Ion Ratio Lower Upper

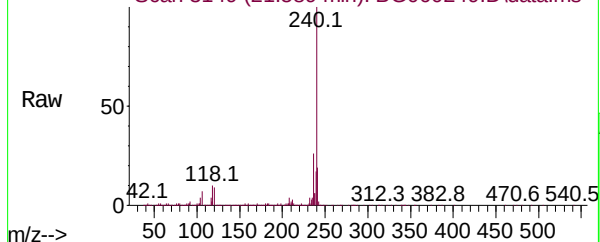
240 100

120 9.4 8.5 12.7

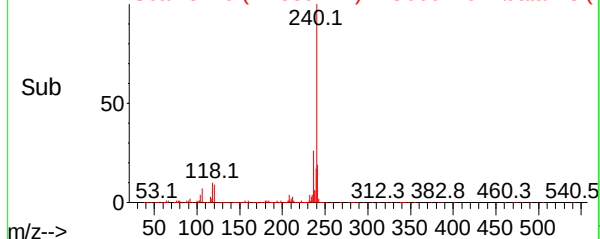
236 25.8 21.4 32.2



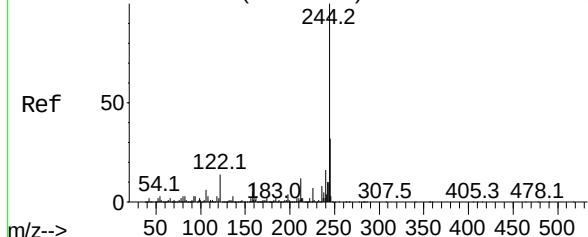
Abundance Scan 3149 (21.589 min): BG060249.D\data.ms



Abundance Scan 3149 (21.589 min): BG060249.D\data.ms (-3059) (-)



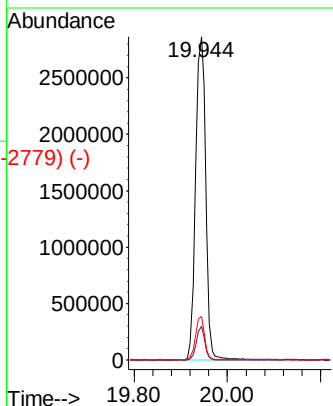
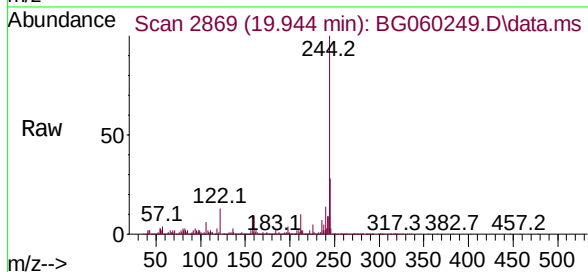
Abundance Scan 2869 (19.945 min): BG060180.D\data.ms (-2779) (-)



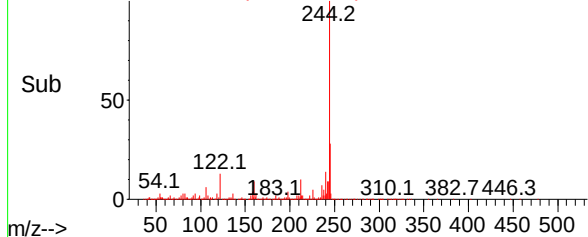
Terphenyl-d14
Concen: 57.675 ng
RT: 19.944 min Scan# 2869
Delta R.T. -0.001 min
Lab File: BG060249.D
Acq: 4 Jan 2024 17:40

Instrument :
BNA_G
ClientSampleId :
T-703

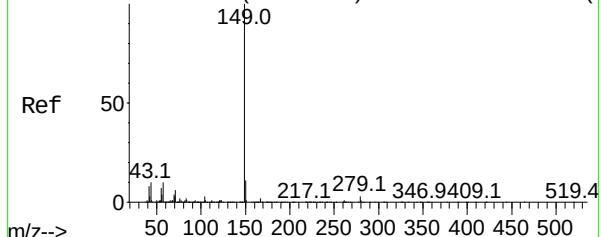
Tgt Ion:244 Resp: 4335601
Ion Ratio Lower Upper
244 100
212 10.5 9.5 14.3
122 13.4 11.4 17.2



Abundance Scan 2869 (19.944 min): BG060249.D\data.ms (-2779) (-)

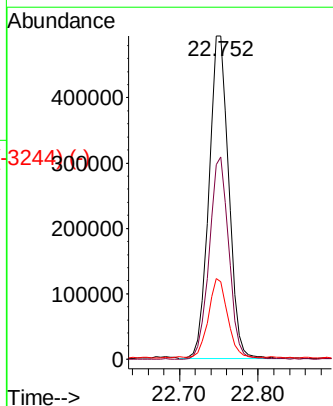
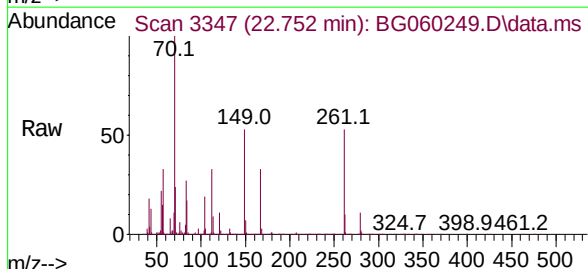


Abundance Scan 3334 (22.677 min): BG060180.D\data.ms (-3525) (-)

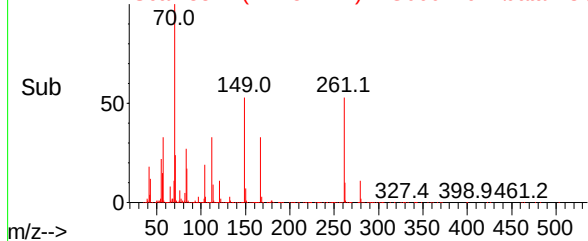


Di-n-octyl phthalate
Concen: 12.158 ng
RT: 22.752 min Scan# 3347
Delta R.T. 0.076 min
Lab File: BG060249.D
Acq: 4 Jan 2024 17:40

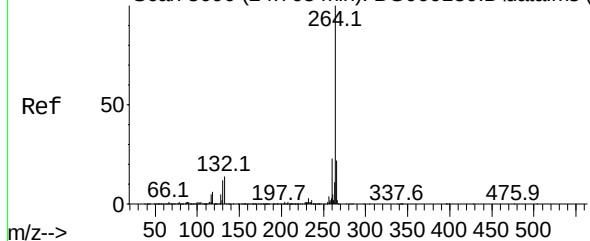
Tgt Ion:149 Resp: 864513
Ion Ratio Lower Upper
149 100
167 61.6 1.3 1.9#
43 24.5 7.8 11.8#



Abundance Scan 3347 (22.752 min): BG060249.D\data.ms (-3244) (-)



Abundance Scan 3690 (24.768 min): BG060180.D\data.ms (-3626) (-)



Perylene-d12

Concen: 20.000 ng

RT: 24.768 min Scan# 3690

Delta R.T. -0.001 min

Lab File: BG060249.D

Acq: 4 Jan 2024 17:40

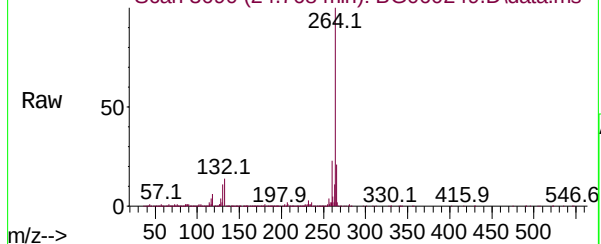
Instrument :

BNA_G

ClientSampleId :

T-703

Abundance Scan 3690 (24.768 min): BG060249.D\data.ms



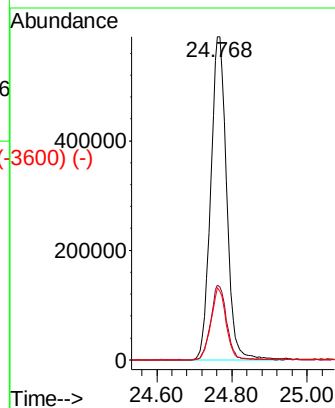
Tgt Ion:264 Resp: 1736153

Ion Ratio Lower Upper

264 100

260 22.6 18.0 27.0

265 21.2 17.4 26.0



Abundance Scan 3690 (24.768 min): BG060249.D\data.ms (-3600) (-)

