

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
 Data File : BG056877.D
 Acq On : 8 Mar 2023 11:32
 Operator : CG/JU
 Sample : 01746-24
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCAC9

Quant Time: Mar 08 13:28:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 07 23:54:44 2023
 Response via : Initial Calibration

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

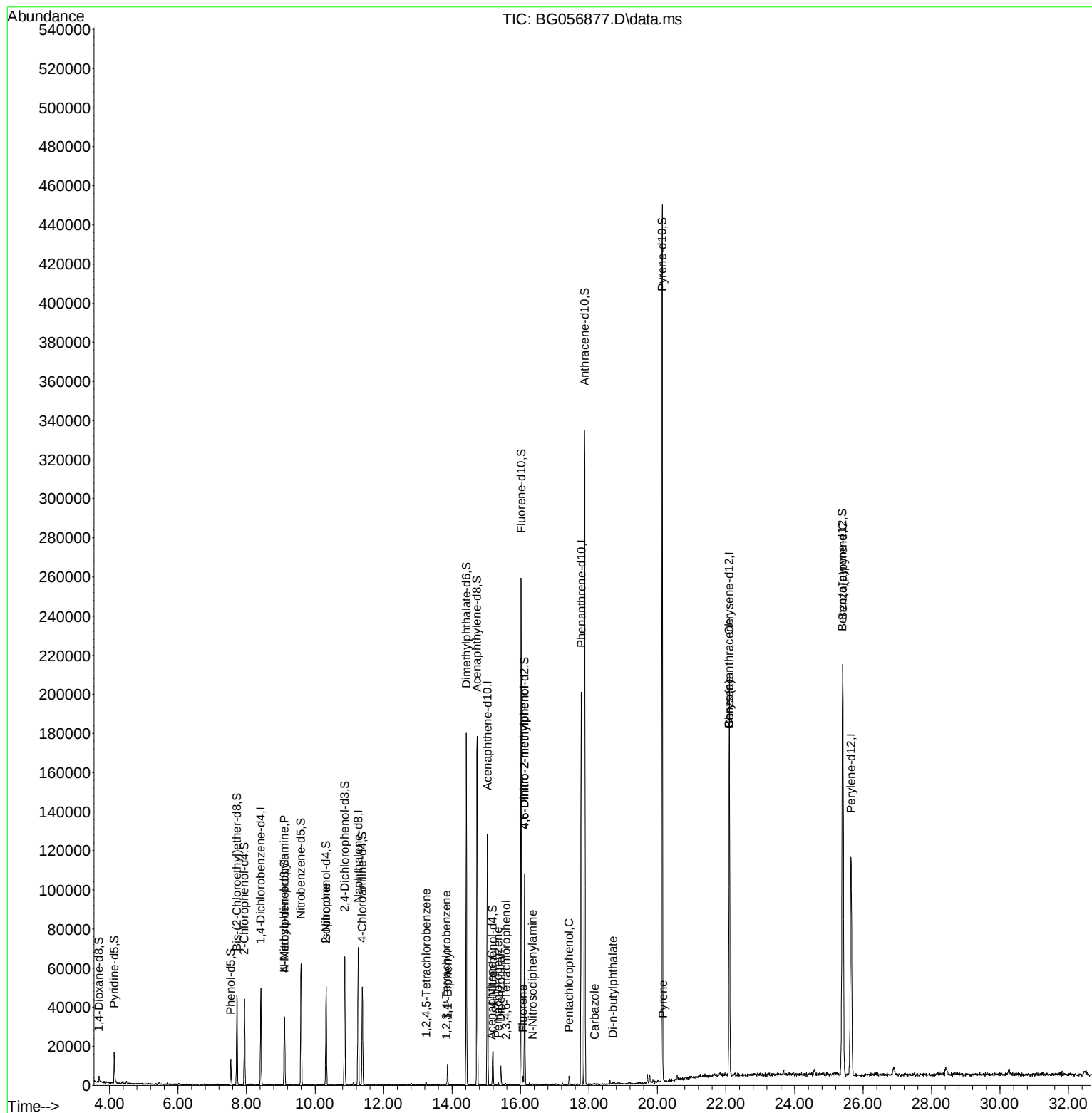
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.417	152	13290	20.000	ng/ul	0.00
20) Naphthalene-d8	11.260	136	55148	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.032	164	45547	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.776	188	130711	20.000	ng/ul	0.00
79) Chrysene-d12	22.095	240	136758	20.000	ng/ul	-0.02
88) Perylene-d12	25.649	264	142608	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.693	96	1830	5.340	ng/uL	0.00
4) Pyridine-d5	4.133	84	9296	8.338	ng/ul	0.00
7) Phenol-d5	7.535	99	7546	5.540	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.717	67	23417	27.370	ng/ul	0.00
11) 2-Chlorophenol-d4	7.941	132	18089	21.219	ng/ul	0.00
15) 4-Methylphenol-d8	9.104	113	13114	12.759	ng/ul	0.00
21) Nitrobenzene-d5	9.592	128	12868	28.133	ng/ul	0.00
24) 2-Nitrophenol-d4	10.320	143	13855	25.605	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.861	165	25351	24.187	ng/ul	0.00
31) 4-Chloroaniline-d4	11.378	131	25510	18.471	ng/ul	0.00
46) Dimethylphthalate-d6	14.415	166	115864	29.740	ng/ul	0.00
49) Acenaphthylene-d8	14.733	160	120303	28.124	ng/ul	0.00
54) 4-Nitrophenol-d4	15.185	143	4467	6.767	ng/ul	-0.02
60) Fluorene-d10	16.019	176	107048	29.631	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.119	200	26011	27.535	ng/ul	0.00
73) Anthracene-d10	17.870	188	206590	32.702	ng/ul	0.00
81) Pyrene-d10	20.138	212	266384	31.979	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.403	264	253917	32.517	ng/ul	-0.02
Target Compounds						
					Qvalue	
17) N-Nitroso-di-n-propyla...	9.110	70	190	0.186	ng/ul#	1
23) Isophorone	10.320	82	1354	0.486	ng/ul#	68
39) 1,2,4,5-Tetrachloroben...	13.246	216	644	0.383	ng/ul#	85
43) 1,1'-Biphenyl	13.869	154	5687	1.667	ng/ul#	87
52) Acenaphthene	15.156	153	231	0.076	ng/ul#	14
56) Dibenzofuran	15.426	168	7152	1.547	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.579	232	91	0.077	ng/ul#	47
61) Fluorene	16.078	166	2319	0.630	ng/ul#	89
66) 4,6-Dinitro-2-methylph...	16.119	198	966	1.068	ng/ul#	1
67) N-Nitrosodiphenylamine	16.360	169	472	0.134	ng/ul#	24
71) Pentachlorophenol	17.424	266	160	0.154	ng/ul#	19
75) 1,2,3,4-Tetrachloroben...	13.840	216	416	0.222	ng/uL#	16
76) Pentachlorobenzene	15.344	250	586	0.300	ng/uL#	76
77) Carbazole	18.158	167	135	0.022	ng/ul#	58
78) Di-n-butylphthalate	18.693	149	148	0.021	ng/ul#	77
82) Pyrene	20.162	202	430	0.043	ng/ul#	82
85) Benzo(a)anthracene	22.089	228	431	0.043	ng/ul#	53
87) Chrysene	22.089	228	431	0.047	ng/ul#	50
93) Benzo(a)pyrene	25.408	252	513	0.062	ng/ul#	65

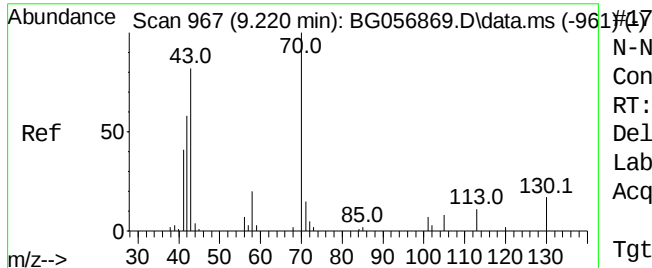
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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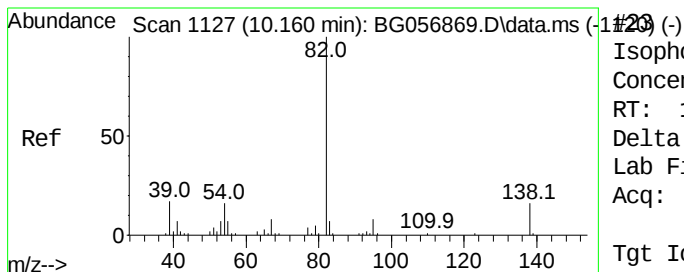
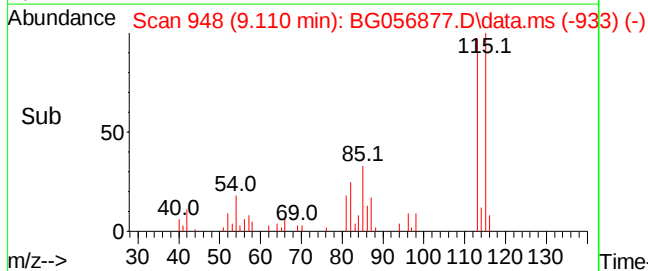
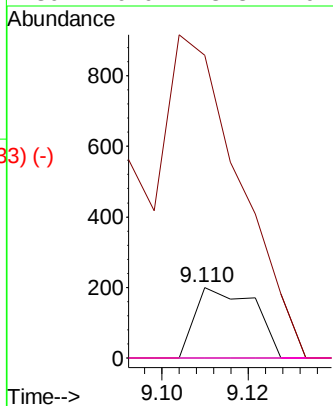
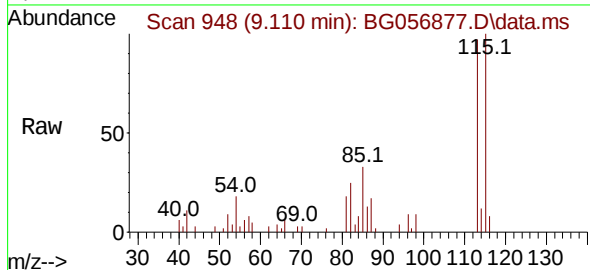




N-Nitroso-di-n-propylamine
 Concen: 0.186 ng/ul
 RT: 9.110 min Scan# 1154
 Delta R.T. -0.110 min
 Lab File: BG056877.D
 Acq: 8 Mar 2023 11:32

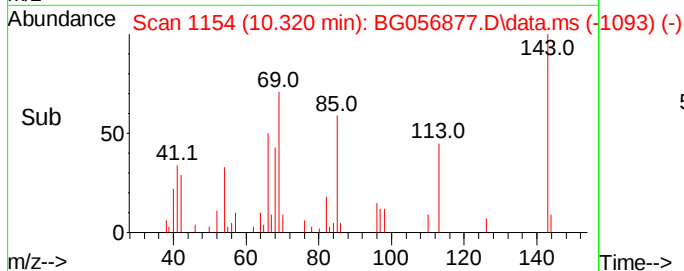
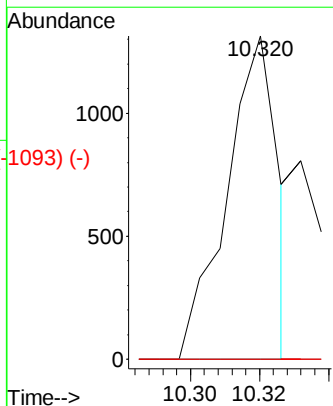
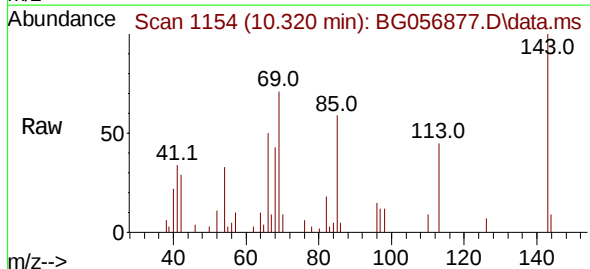
Instrument :
 BNA_G
 ClientSampleId :
 DCAC9

Tgt Ion:	70	Resp:	190
Ion	Ratio	Lower	Upper
70	100		
42	429.5	47.8	71.6#
101	0.0	5.4	8.2#
130	0.0	13.8	20.8#



Isophorone
 Concen: 0.486 ng/ul
 RT: 10.320 min Scan# 1154
 Delta R.T. 0.161 min
 Lab File: BG056877.D
 Acq: 8 Mar 2023 11:32

Tgt Ion:	82	Resp:	1354
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.1	9.1#
138	0.0	12.6	18.8#



Abundance Scan 1653 (13.250 min): BG056869.D\data.ms (-1619) (-)

1,2,4,5-Tetrachlorobenzene

Concen: 0.383 ng/ul

RT: 13.246 min Scan# 1652

Delta R.T. -0.004 min

Lab File: BG056877.D

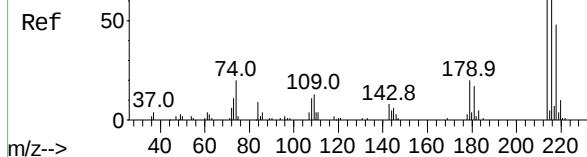
Acq: 8 Mar 2023 11:32

Instrument :

BNA_G

ClientSampleId :

DCAC9



Tgt Ion:216 Resp: 644

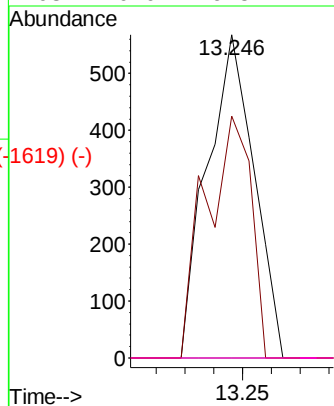
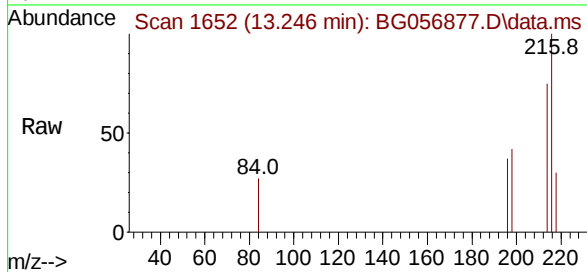
Ion Ratio Lower Upper

216 100

214 74.8 64.1 96.1

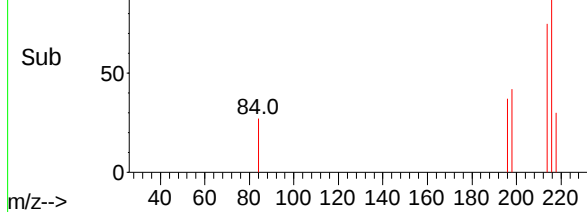
179 0.0 16.0 24.0#

108 0.0 9.5 14.3#



Abundance Scan 1652 (13.246 min): BG056877.D\data.ms (-1619) (-)

215.8



Abundance Scan 1759 (13.873 min): BG056869.D\data.ms (-1752) (-)

1,1'-Biphenyl

Concen: 1.667 ng/ul

RT: 13.869 min Scan# 1758

Delta R.T. -0.004 min

Lab File: BG056877.D

Acq: 8 Mar 2023 11:32

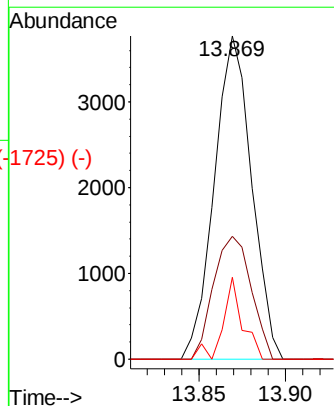
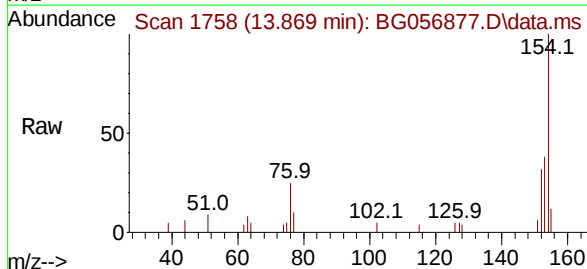
Tgt Ion:154 Resp: 5687

Ion Ratio Lower Upper

154 100

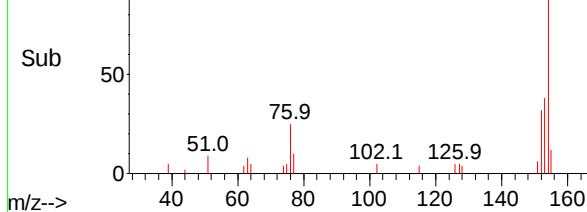
153 38.1 34.2 51.4

76 25.3 9.2 13.8#



Abundance Scan 1758 (13.869 min): BG056877.D\data.ms (-1725) (-)

154.1



Abundance Scan 1968 (15.101 min): BG056869.D\data.ms (-1952) (-)

Acenaphthene

Concen: 0.076 ng/u1

RT: 15.156 min Scan# 1952

Delta R.T. 0.055 min

Lab File: BG056877.D

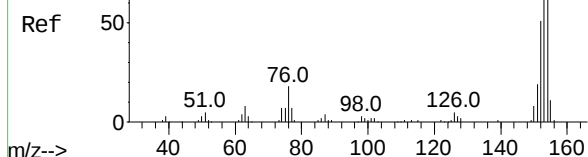
Acq: 8 Mar 2023 11:32

Instrument :

BNA_G

ClientSampleId :

DCAC9



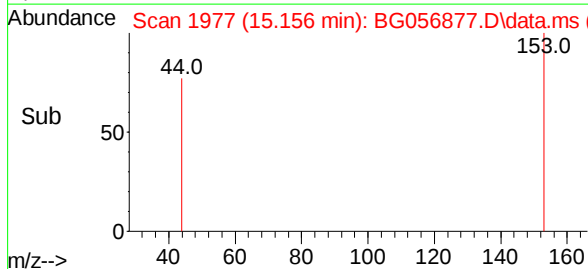
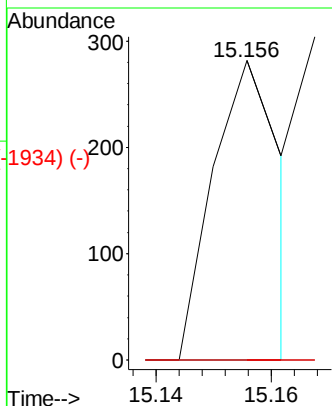
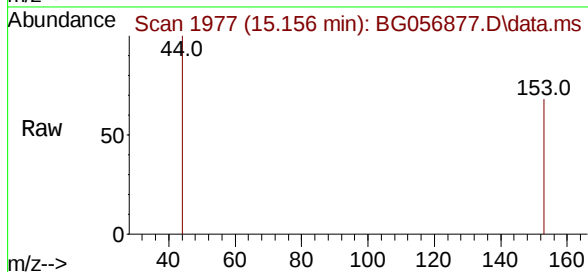
Tgt Ion:153 Resp: 231

Ion Ratio Lower Upper

153 100

152 0.0 40.5 60.7#

154 0.0 67.8 101.8#



Abundance Scan 2024 (15.430 min): BG056869.D\data.ms (-2056) (-)

Dibenzofuran

Concen: 1.547 ng/u1

RT: 15.426 min Scan# 2023

Delta R.T. -0.004 min

Lab File: BG056877.D

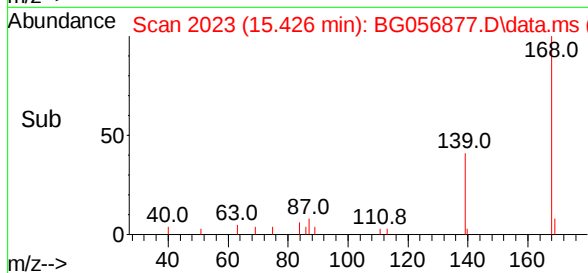
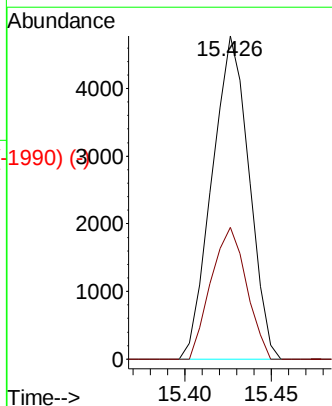
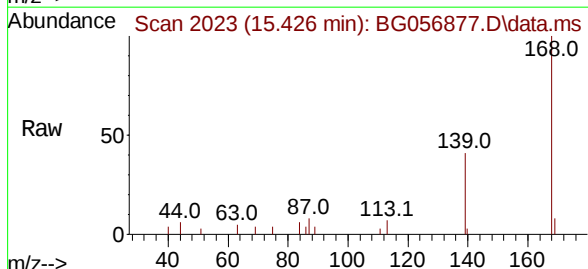
Acq: 8 Mar 2023 11:32

Tgt Ion:168 Resp: 7152

Ion Ratio Lower Upper

168 100

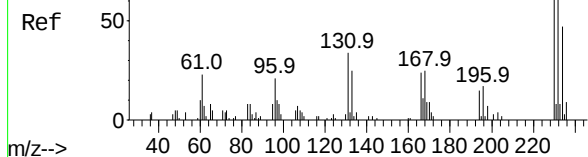
139 40.8 29.5 44.3



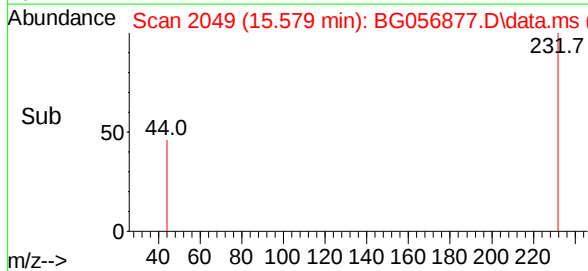
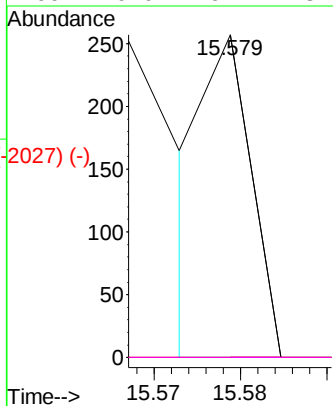
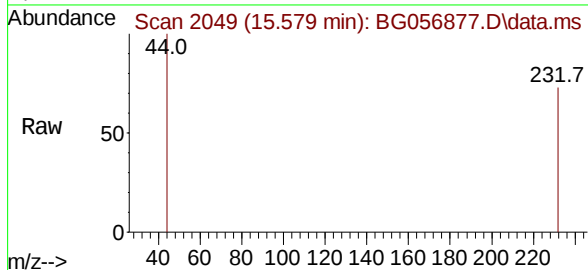
Abundance Scan 2061 (15.647 min): BG056869.D\data.ms (-2058) (-)

2,3,4,6-Tetrachlorophenol
Concen: 0.077 ng/ul
RT: 15.579 min Scan# 2058
Delta R.T. -0.069 min
Lab File: BG056877.D
Acq: 8 Mar 2023 11:32

Instrument :
BNA_G
ClientSampleId :
DCAC9



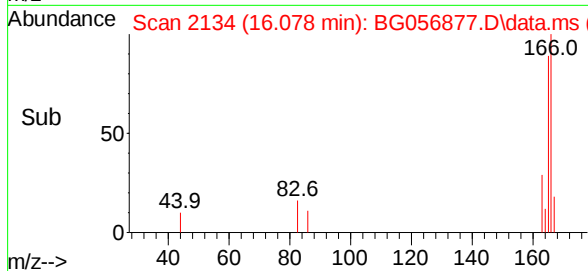
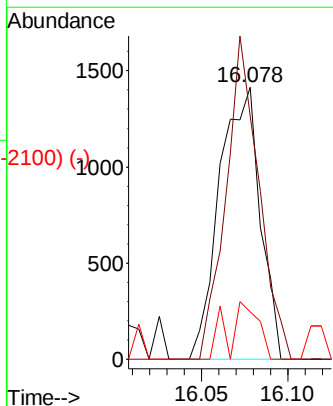
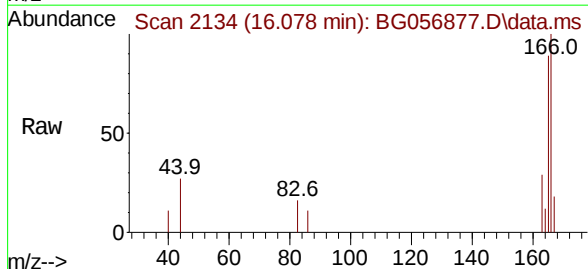
Tgt Ion:	232	Resp:	91
Ion	Ratio	Lower	Upper
232	100		
131	0.0	27.2	40.8#
130	0.0	2.4	3.6#
166	0.0	19.1	28.7#



Abundance Scan 2134 (16.076 min): BG056869.D\data.ms (-2129) (-)

Fluorene
Concen: 0.630 ng/ul
RT: 16.078 min Scan# 2134
Delta R.T. 0.002 min
Lab File: BG056877.D
Acq: 8 Mar 2023 11:32

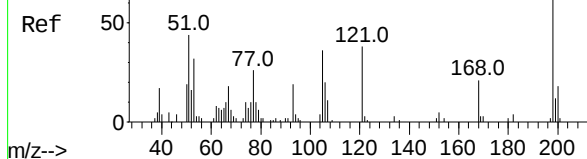
Tgt Ion:	166	Resp:	2319
Ion	Ratio	Lower	Upper
166	100		
165	89.4	80.5	120.7
167	17.5	11.3	16.9#



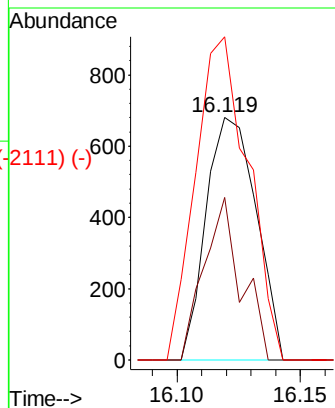
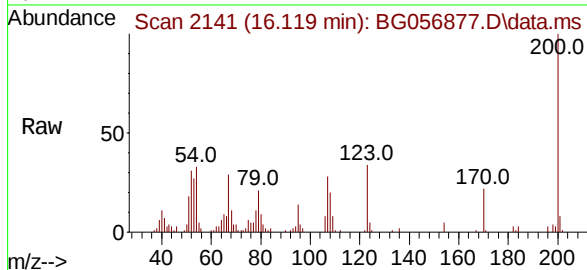
Abundance Scan 2145 (16.141 min): BG056869.D\data.ms (-2169) (-)

4,6-Dinitro-2-methylphenol
Concen: 1.068 ng/ul
RT: 16.119 min Scan# 2141
Delta R.T. -0.022 min
Lab File: BG056877.D
Acq: 8 Mar 2023 11:32

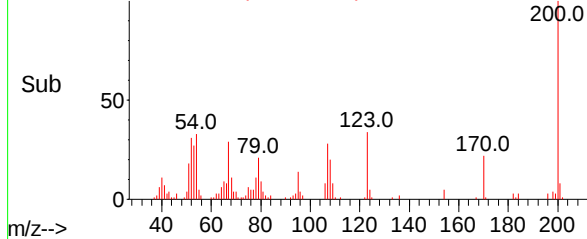
Instrument :
BNA_G
ClientSampleId :
DCAC9



Tgt Ion:	198	Resp:	966
Ion	Ratio	Lower	Upper
198	100		
182	67.1	3.1	4.7#
77	133.2	20.5	30.7#



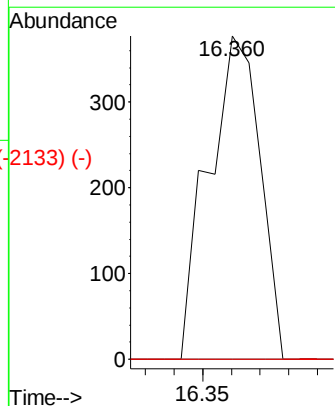
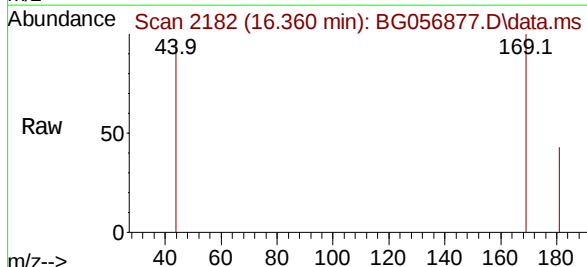
Abundance Scan 2141 (16.119 min): BG056877.D\data.ms (-2111) (-)



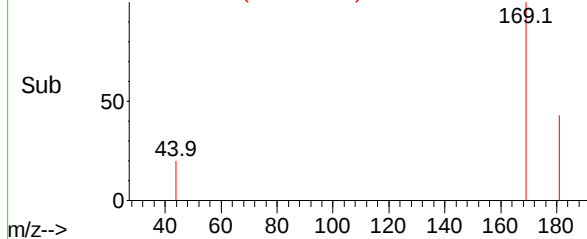
Abundance Scan 2167 (16.270 min): BG056869.D\data.ms (-2167) (-)

N-Nitrosodiphenylamine
Concen: 0.134 ng/ul
RT: 16.360 min Scan# 2182
Delta R.T. 0.090 min
Lab File: BG056877.D
Acq: 8 Mar 2023 11:32

Tgt Ion:	169	Resp:	472
Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.9	80.9#
167	0.0	28.2	42.4#



Abundance Scan 2182 (16.360 min): BG056877.D\data.ms (-2133) (-)



Abundance Scan 2363 (17.422 min): BG056869.D\data.ms (-2374) (-)

Pentachlorophenol

Concen: 0.154 ng/uL

RT: 17.424 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG056877.D

Acq: 8 Mar 2023 11:32

Instrument :

BNA_G

ClientSampleId :

DCAC9

Tgt Ion:266 Resp: 160

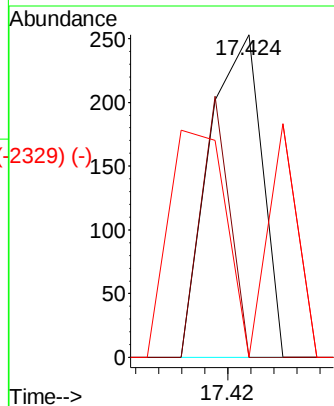
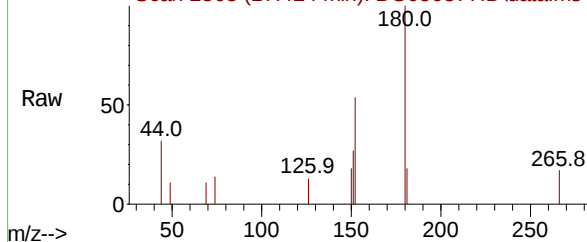
Ion Ratio Lower Upper

266 100

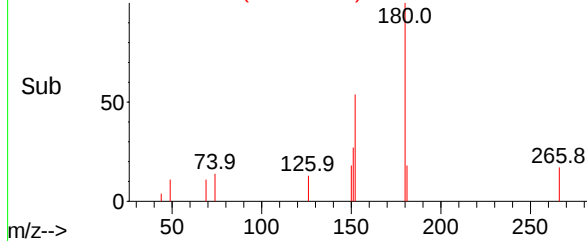
264 0.0 50.6 76.0#

268 0.0 48.6 73.0#

Abundance Scan 2363 (17.424 min): BG056877.D\data.ms



Abundance Scan 2363 (17.424 min): BG056877.D\data.ms (-2329) (-)



Abundance Scan 1755 (13.849 min): BG056869.D\data.ms (-1775) (-)

1,2,3,4-Tetrachlorobenzene

Concen: 0.222 ng/uL

RT: 13.840 min Scan# 1753

Delta R.T. -0.010 min

Lab File: BG056877.D

Acq: 8 Mar 2023 11:32

Tgt Ion:216 Resp: 416

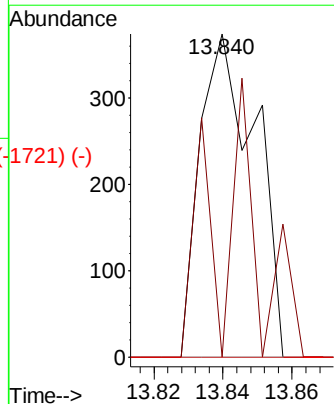
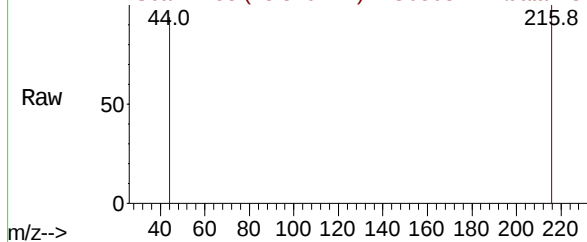
Ion Ratio Lower Upper

216 100

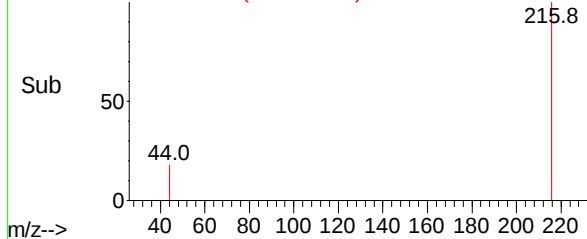
214 0.0 65.4 98.0#

218 0.0 39.4 59.2#

Abundance Scan 1753 (13.840 min): BG056877.D\data.ms



Abundance Scan 1753 (13.840 min): BG056877.D\data.ms (-1721) (-)



Abundance Scan 2011 (15.354 min): BG056869.D\data.ms (-2075) (-)

Pentachlorobenzene

Concen: 0.300 ng/uL

RT: 15.344 min Scan# 1

Delta R.T. -0.010 min

Lab File: BG056877.D

Acq: 8 Mar 2023 11:32

Instrument :

BNA_G

ClientSampleId :

DCAC9

Tgt Ion:250 Resp: 586

Ion Ratio Lower Upper

250 100

248 81.5 46.8 70.2#

252 49.4 50.6 75.8#

Abundance Scan 2009 (15.344 min): BG056877.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

m/z-->

m/z-->

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m/z-->

m/z-->

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m/z-->

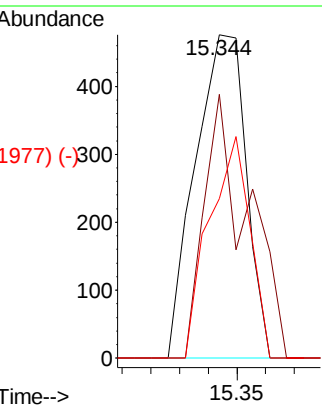
m/z-->

m/z-->

m/z-->

m/z-->

m/z-->



Abundance Scan 2491 (18.174 min): BG056869.D\data.ms (-2477) (-)

Carbazole

Concen: 0.022 ng/uL

RT: 18.158 min Scan# 2488

Delta R.T. -0.016 min

Lab File: BG056877.D

Acq: 8 Mar 2023 11:32

Tgt Ion:167 Resp: 135

Ion Ratio Lower Upper

167 100

166 0.0 18.1 27.1#

139 0.0 10.2 15.2#

Abundance Scan 2488 (18.158 min): BG056877.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

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m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

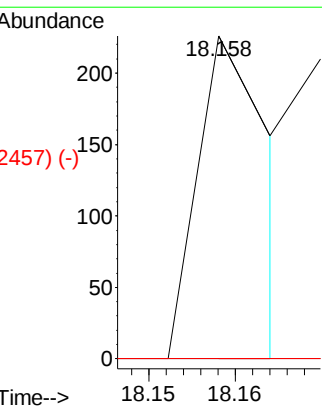
m/z-->

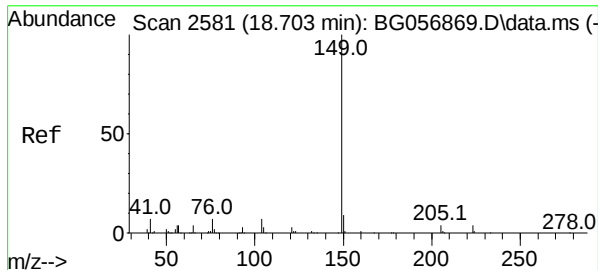
m/z-->

m/z-->

m/z-->

m/z-->





Di-n-butylphthalate

Concen: 0.021 ng/ul

RT: 18.693 min Scan# 2579

Delta R.T. -0.010 min

Lab File: BG056877.D

Acq: 8 Mar 2023 11:32

Instrument :

BNA_G

ClientSampleId :

DCAC9

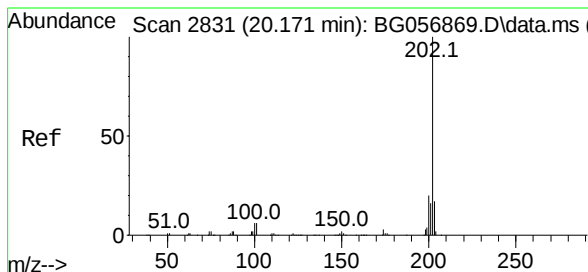
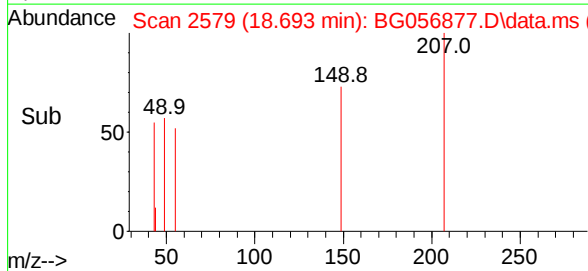
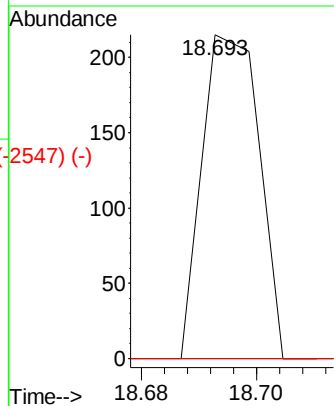
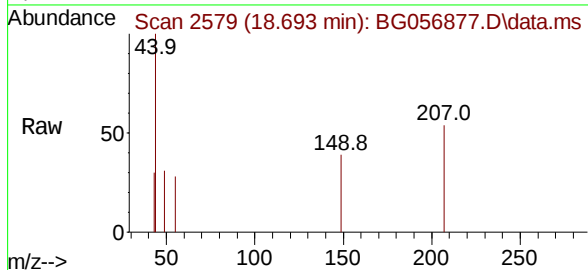
Tgt Ion:149 Resp: 148

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.2#

104 0.0 5.4 8.2#



Pyrene

Concen: 0.043 ng/ul

RT: 20.162 min Scan# 2829

Delta R.T. -0.010 min

Lab File: BG056877.D

Acq: 8 Mar 2023 11:32

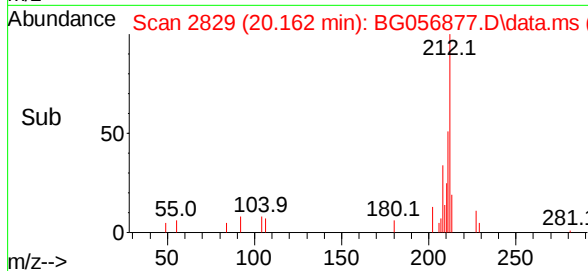
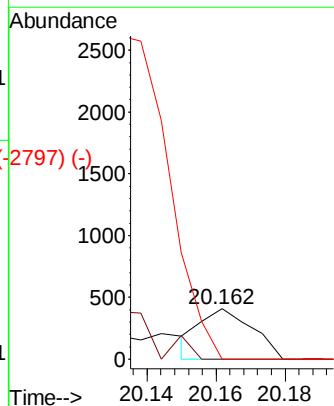
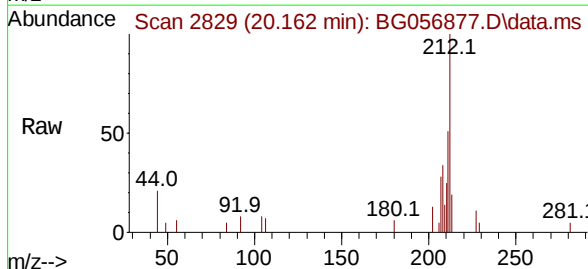
Tgt Ion:202 Resp: 430

Ion Ratio Lower Upper

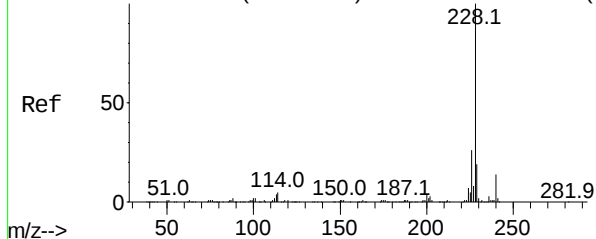
202 100

101 0.0 5.2 7.8#

100 0.0 4.5 6.7#



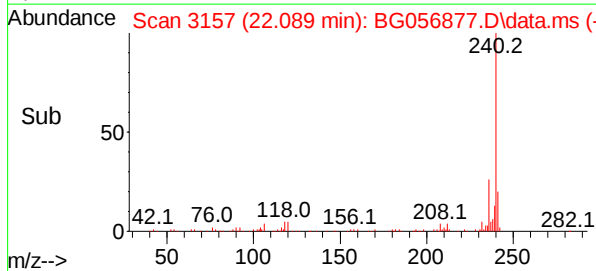
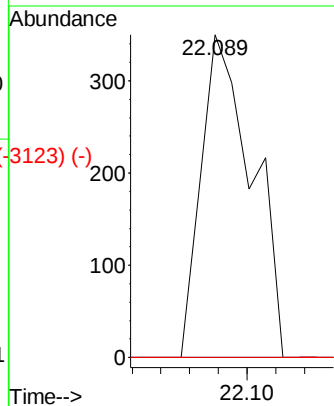
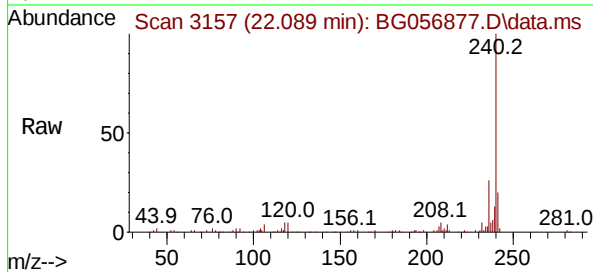
Abundance Scan 3157 (22.087 min): BG056869.D\data.ms (-3185) (-)



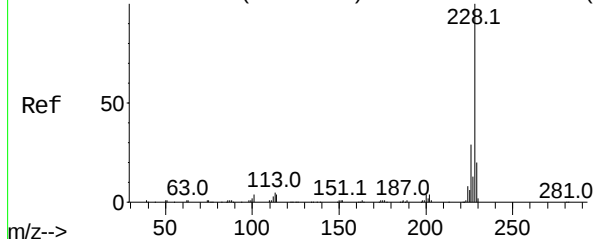
Benzo(a)anthracene
Concen: 0.043 ng/u1
RT: 22.089 min Scan# 3157
Delta R.T. 0.002 min
Lab File: BG056877.D
Acq: 8 Mar 2023 11:32

Instrument :
BNA_G
ClientSampleId :
DCAC9

Tgt Ion:	228	Resp:	431
Ion	Ratio	Lower	Upper
228	100		
229	0.0	14.9	22.3#
226	0.0	21.0	31.6#

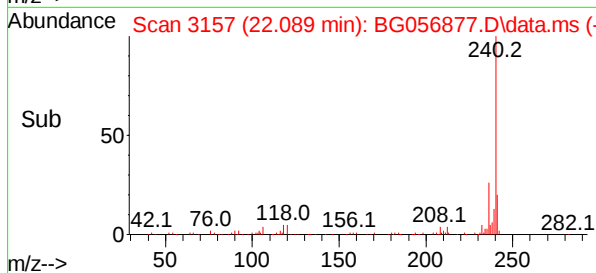
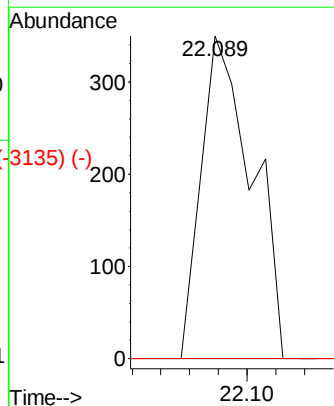
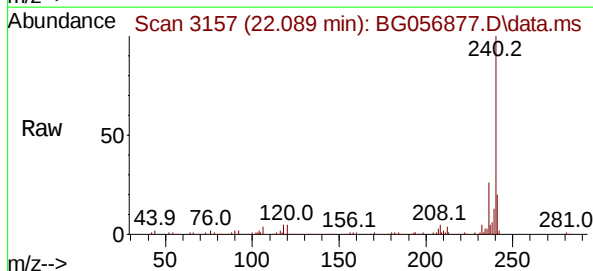


Abundance Scan 3169 (22.157 min): BG056869.D\data.ms (-3185) (-)

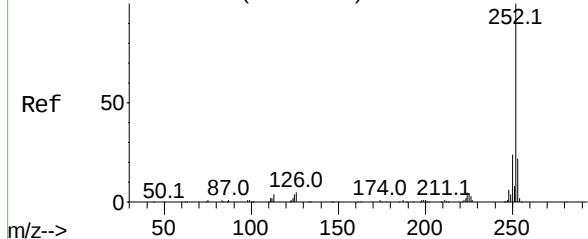


Chrysene
Concen: 0.047 ng/u1
RT: 22.089 min Scan# 3157
Delta R.T. -0.069 min
Lab File: BG056877.D
Acq: 8 Mar 2023 11:32

Tgt Ion:	228	Resp:	431
Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.3	34.9#
229	0.0	15.8	23.6#



Abundance Scan 3737 (25.495 min): BG056869.D\data.ms (-3722) (-)



Benzo(a)pyrene

Concen: 0.062 ng/ul

RT: 25.408 min Scan#

Delta R.T. -0.086 min

Lab File: BG056877.D

Acq: 8 Mar 2023 11:32

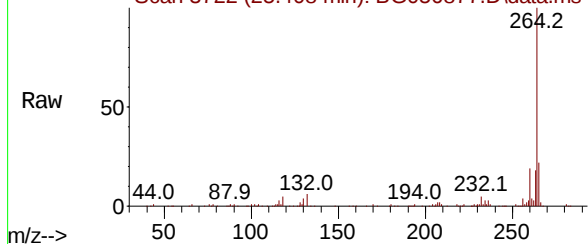
Instrument :

BNA_G

ClientSampleId :

DCAC9

Abundance Scan 3722 (25.408 min): BG056877.D\data.ms



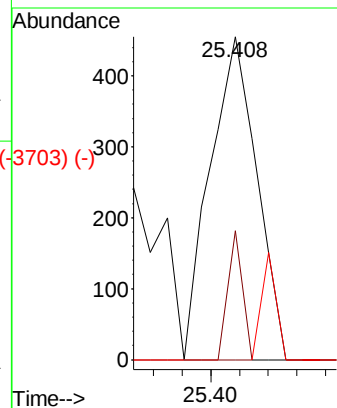
Tgt Ion:252 Resp: 513

Ion Ratio Lower Upper

252 100

253 40.0 17.2 25.8#

125 0.0 3.4 5.0#



Abundance Scan 3722 (25.408 min): BG056877.D\data.ms (-3703) (-)

