

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
 Data File : BG056904.D
 Acq On : 9 Mar 2023 7:33
 Operator : CG/JU
 Sample : 01784-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 09 11:48:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 08 23:58:51 2023
 Response via : Initial Calibration

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

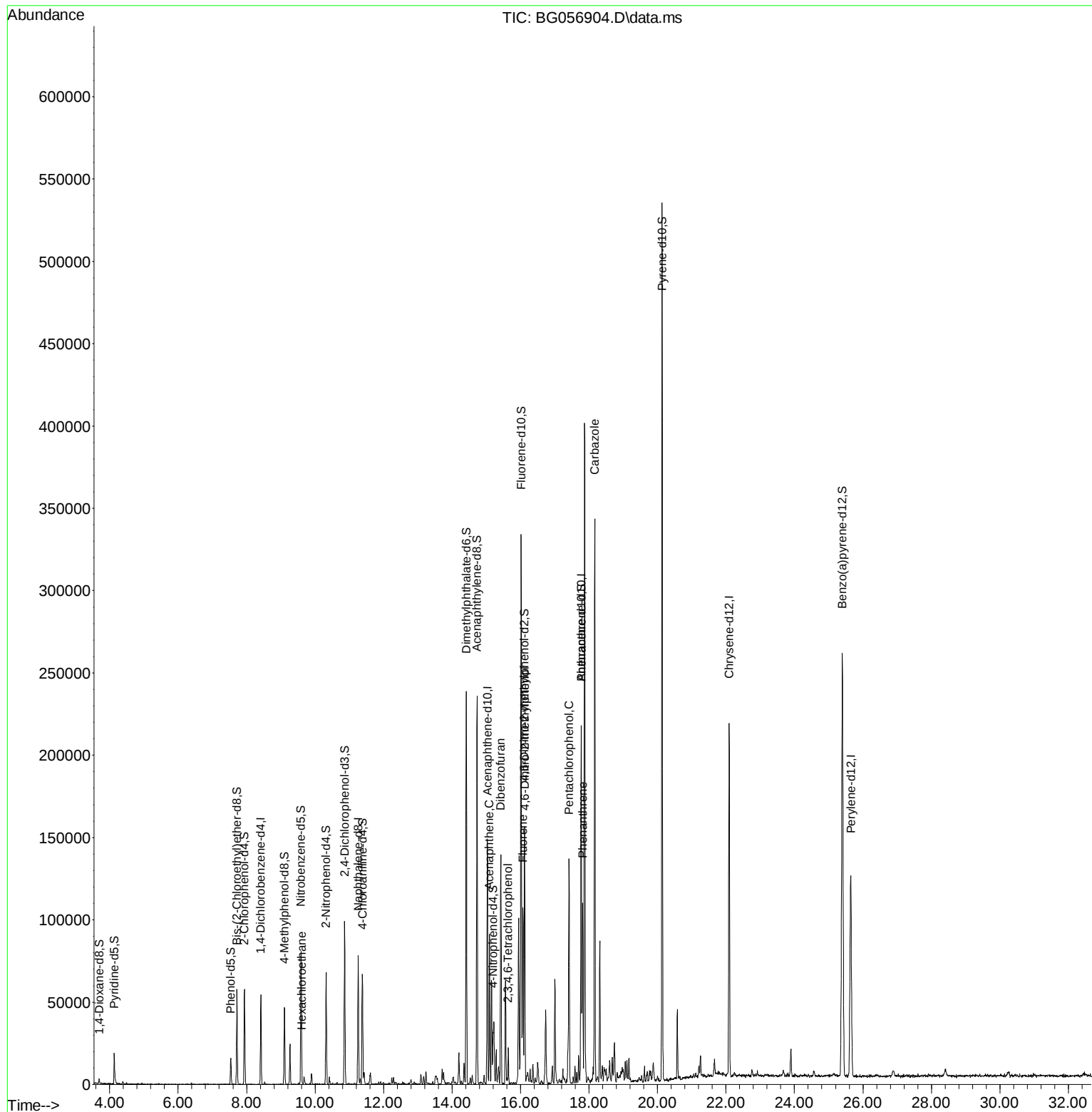
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	14500	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.258	136	61753	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	15.030	164	51386	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.774	188	139071	20.000	ng/ul	0.00
79) Chrysene-d12	22.092	240	144024	20.000	ng/ul	0.00
88) Perylene-d12	25.647	264	157498	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.696	96	1510	4.039	ng/uL	0.00
4) Pyridine-d5	4.131	84	13096	10.767	ng/ul	0.00
7) Phenol-d5	7.539	99	9527	6.411	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.715	67	29724	31.842	ng/ul	0.00
11) 2-Chlorophenol-d4	7.938	132	23602	25.376	ng/ul	0.00
15) 4-Methylphenol-d8	9.107	113	17298	15.426	ng/ul	0.00
21) Nitrobenzene-d5	9.589	128	17327	33.830	ng/ul	0.00
24) 2-Nitrophenol-d4	10.324	143	19808	32.691	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.864	165	33207	28.293	ng/ul	0.00
31) 4-Chloroaniline-d4	11.381	131	32444	20.979	ng/ul	0.00
46) Dimethylphthalate-d6	14.419	166	150217	34.176	ng/ul	0.00
49) Acenaphthylene-d8	14.730	160	153103	31.724	ng/ul	0.00
54) 4-Nitrophenol-d4	15.200	143	5396	7.245	ng/ul	0.00
60) Fluorene-d10	16.017	176	131314	32.218	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.117	200	35815	35.634	ng/ul	0.00
73) Anthracene-d10	17.774	188	139071	20.691	ng/ul	-0.10
81) Pyrene-d10	20.136	212	311206	35.475	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.400	264	313703	36.376	ng/ul	0.00
Target Compounds						
					Qvalue	
19) Hexachloroethane	9.618	117	1088	2.757	ng/ul#	2
52) Acenaphthene	15.094	153	36960	10.835	ng/ul	97
56) Dibenzofuran	15.423	168	86913	16.668	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.641	232	4703	3.546	ng/ul#	90
61) Fluorene	16.070	166	45881	11.049	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.123	198	5179	5.384	ng/ul#	77
71) Pentachlorophenol	17.415	266	16209	14.696	ng/ul	93
72) Phenanthrene	17.815	178	61217	8.179	ng/ul	98
77) Carbazole	18.167	167	224549	34.705	ng/ul	98

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

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Abundance Scan 1018 (9.519 min): BG056901.D\data.ms (-1018) (-)

Hexachloroethane

Concen: 2.757 ng/ul

RT: 9.618 min Scan# 1018

Delta R.T. 0.094 min

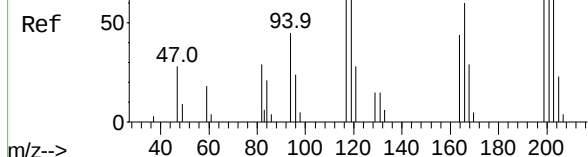
Lab File: BG056904.D

Acq: 9 Mar 2023 7:33

Instrument :

BNA_G

ClientSampleId :



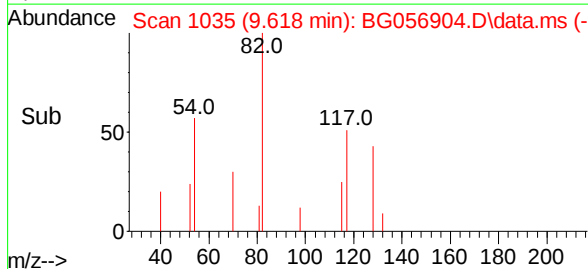
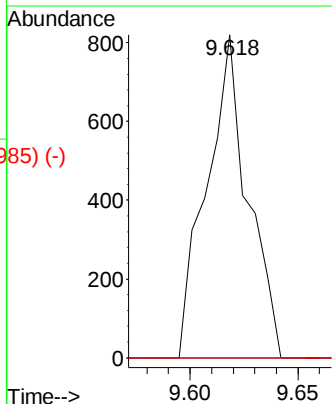
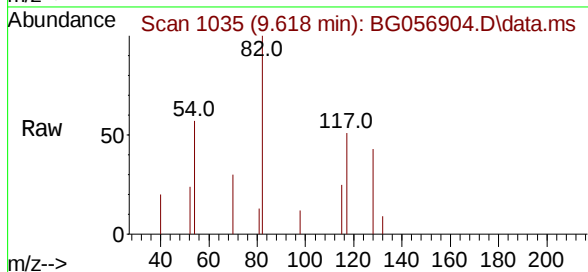
Tgt Ion:117 Resp: 1088

Ion Ratio Lower Upper

117 100

201 0.0 87.5 131.3#

199 0.0 63.8 95.6#



Abundance Scan 1967 (15.095 min): BG056901.D\data.ms (-1967) (-)

Acenaphthene

Concen: 10.835 ng/ul

RT: 15.094 min Scan# 1967

Delta R.T. -0.000 min

Lab File: BG056904.D

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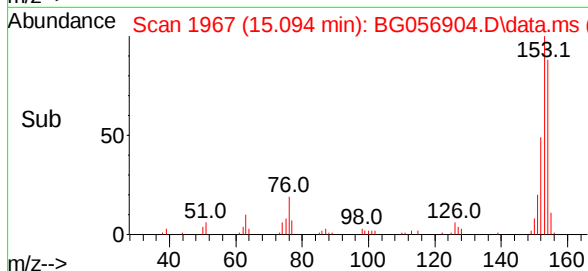
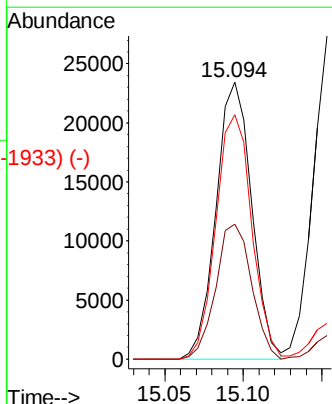
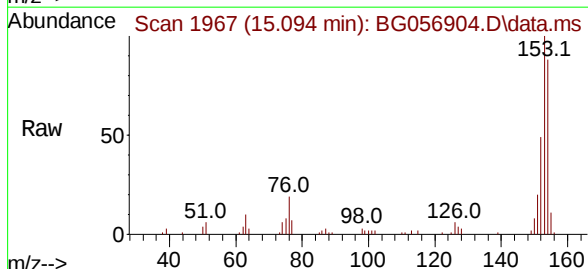
Tgt Ion:153 Resp: 36960

Ion Ratio Lower Upper

153 100

152 48.6 40.5 60.7

154 88.2 67.8 101.8



Abundance Scan 2023 (15.424 min): BG056901.D\data.ms (-2056) (-)

Dibenzofuran

Concen: 16.668 ng/u1

RT: 15.423 min Scan# 1

Delta R.T. -0.000 min

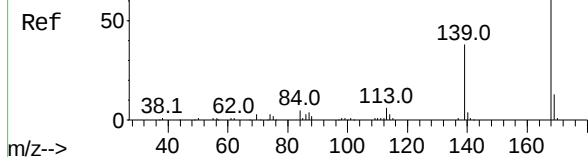
Lab File: BG056904.D

Acq: 9 Mar 2023 7:33

Instrument :

BNA_G

ClientSampleId :

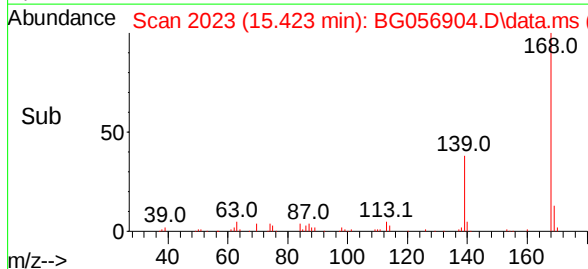
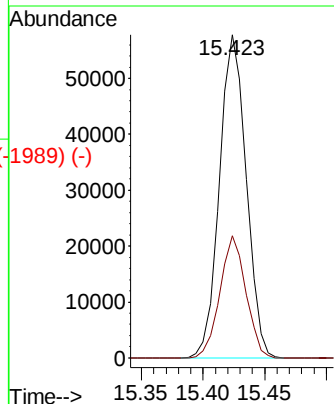
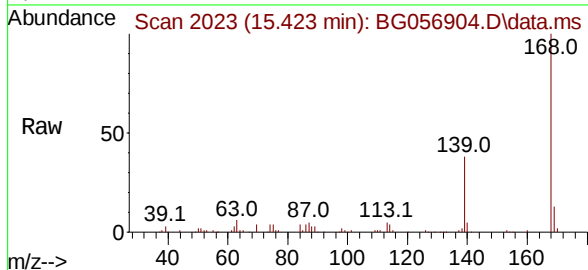


Tgt Ion:168 Resp: 86913

Ion Ratio Lower Upper

168 100

139 37.7 29.5 44.3



Abundance Scan 2060 (15.641 min): BG056901.D\data.ms (-2056) (-)

2,3,4,6-Tetrachlorophenol

Concen: 3.546 ng/u1

RT: 15.641 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BG056904.D

Acq: 9 Mar 2023 7:33

Tgt Ion:232 Resp: 4703

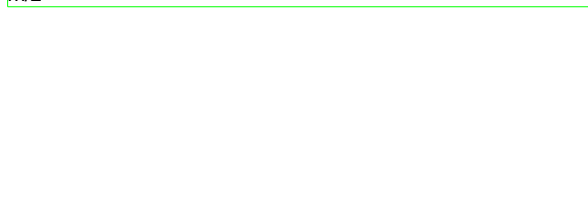
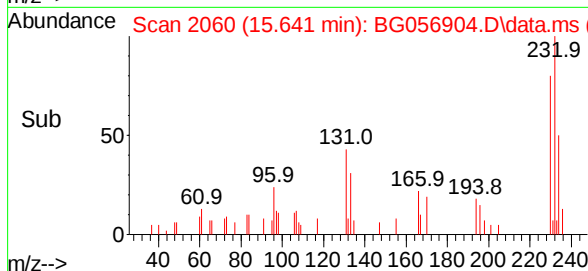
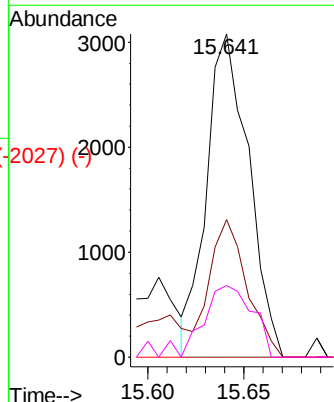
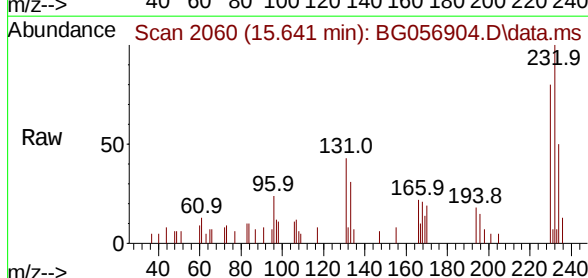
Ion Ratio Lower Upper

232 100

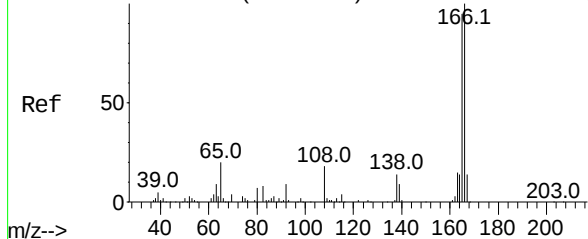
131 42.6 27.2 40.8#

130 0.0 2.4 3.6#

166 22.2 19.1 28.7



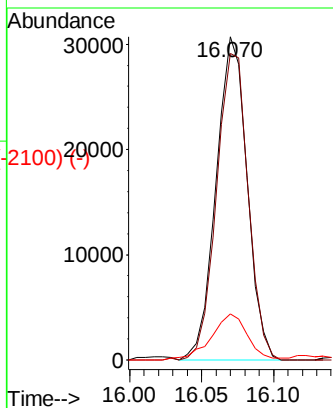
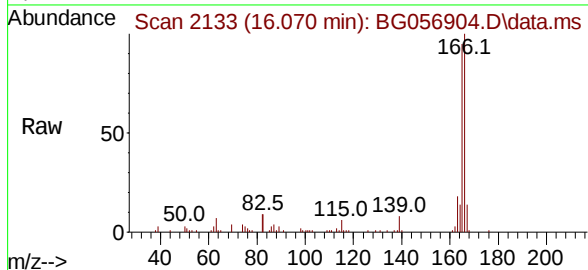
Abundance Scan 2133 (16.070 min): BG056901.D\data.ms (-2100) (-)



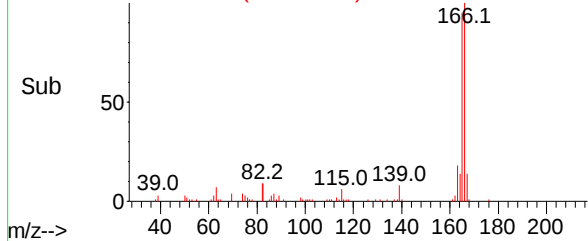
Fluorene
Concen: 11.049 ng/u1
RT: 16.070 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BG056904.D
Acq: 9 Mar 2023 7:33

Instrument :
BNA_G
ClientSampleId :

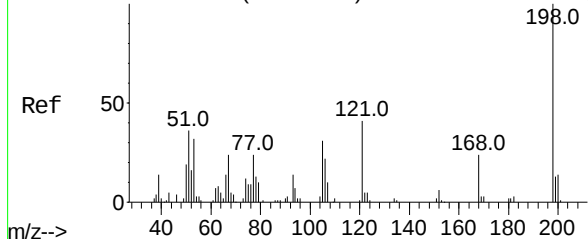
Tgt Ion:	166	Resp:	45881
Ion	Ratio	Lower	Upper
166	100		
165	94.9	80.5	120.7
167	14.1	11.3	16.9



Abundance Scan 2133 (16.070 min): BG056904.D\data.ms (-2100) (-)

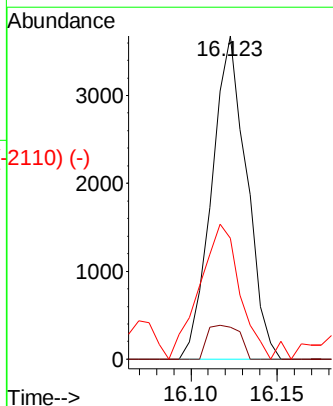
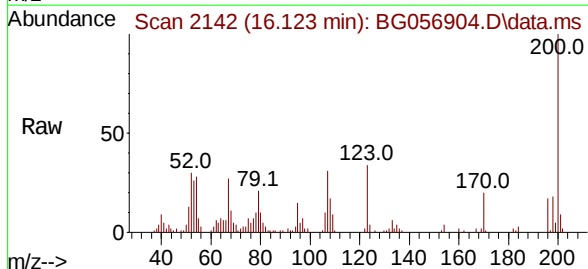


Abundance Scan 2144 (16.135 min): BG056901.D\data.ms (-2100) (-)

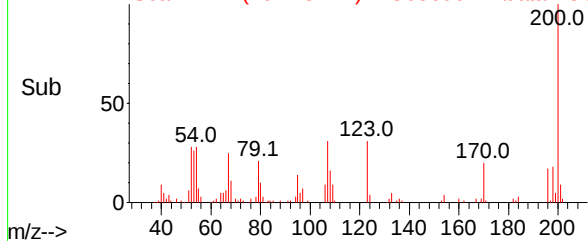


4,6-Dinitro-2-methylphenol
Concen: 5.384 ng/u1
RT: 16.123 min Scan# 2142
Delta R.T. -0.012 min
Lab File: BG056904.D
Acq: 9 Mar 2023 7:33

Tgt Ion:	198	Resp:	5179
Ion	Ratio	Lower	Upper
198	100		
182	9.8	3.1	4.7#
77	37.4	20.5	30.7#



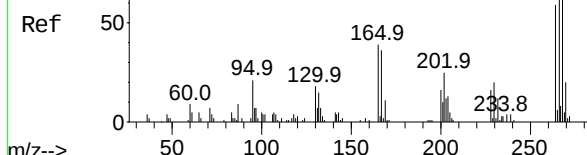
Abundance Scan 2142 (16.123 min): BG056904.D\data.ms (-2110) (-)



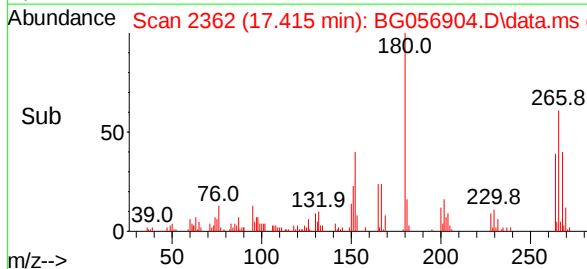
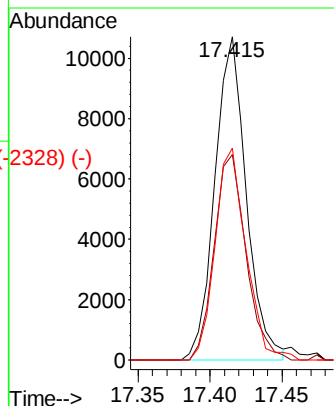
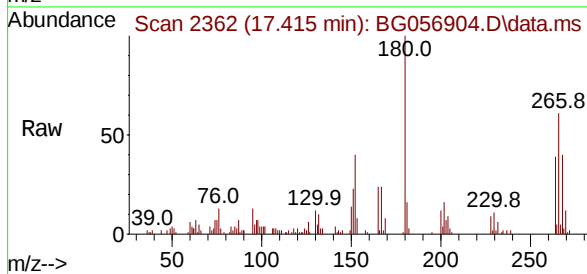
Abundance Scan 2362 (17.416 min): BG056901.D\data.ms (-2370) (-)

Pentachlorophenol
Concen: 14.696 ng/ul
RT: 17.415 min Scan# 2362
Delta R.T. -0.000 min
Lab File: BG056904.D
Acq: 9 Mar 2023 7:33

Instrument :
BNA_G
ClientSampleId :



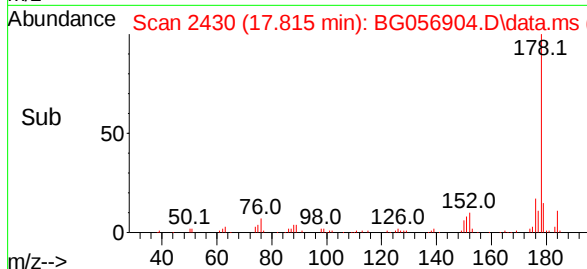
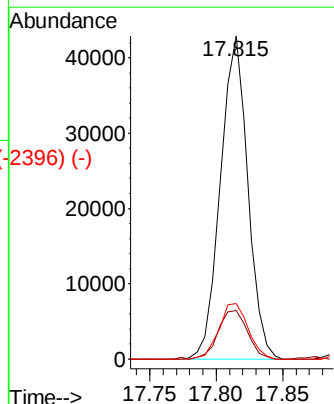
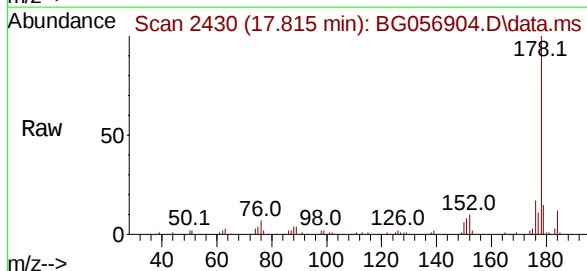
Tgt Ion:	266	Resp:	16209
Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.6	76.0
268	71.1	48.6	73.0



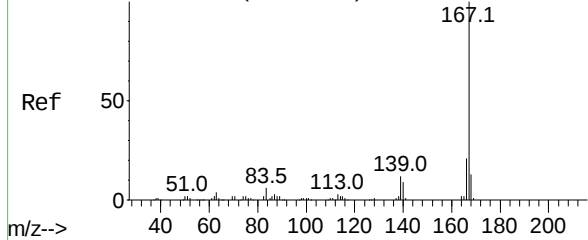
Abundance Scan 2430 (17.815 min): BG056901.D\data.ms (-2473) (-)

Phenanthrene
Concen: 8.179 ng/ul
RT: 17.815 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BG056904.D
Acq: 9 Mar 2023 7:33

Tgt Ion:	178	Resp:	61217
Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.9	17.9
176	17.2	14.6	22.0



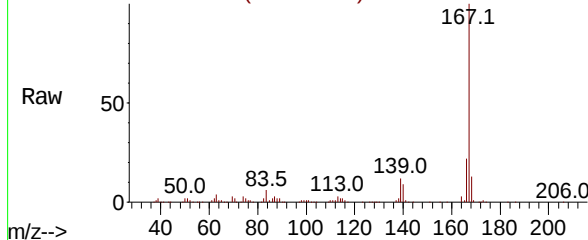
Abundance Scan 2490 (18.168 min): BG056901.D\data.ms (-2456) (-)



Carbazole
Concen: 34.705 ng/ul
RT: 18.167 min Scan# 2490
Delta R.T. -0.000 min
Lab File: BG056904.D
Acq: 9 Mar 2023 7:33

Instrument :
BNA_G
ClientSampleId :

Abundance Scan 2490 (18.167 min): BG056904.D\data.ms



Tgt Ion:	167	Resp:	224549
Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.1	27.1
139	12.0	10.2	15.2

Abundance Scan 2490 (18.167 min): BG056904.D\data.ms (-2456) (-)

