

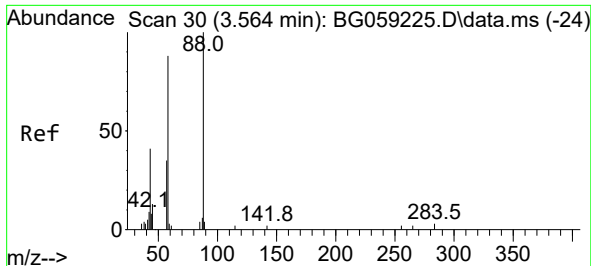
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
 Data File : BG059244.D
 Acq On : 28 Sep 2023 21:45
 Operator : MA/JU
 Sample : 04480-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020578

Quant Time: Sep 29 00:43:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	38099	20.000	ng/ul	0.00
20) Naphthalene-d8	11.075	136	186980	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.865	164	117195	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.615	188	253948	20.000	ng/ul	0.00
79) Chrysene-d12	21.915	240	225012	20.000	ng/ul	0.00
88) Perylene-d12	25.394	264	268694	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.525	96	7185	7.118	ng/uL	0.00
4) Pyridine-d5	3.966	84	38714	13.144	ng/ul	0.00
7) Phenol-d5	7.362	99	57609	15.106	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	117251	48.129	ng/ul	0.00
11) 2-Chlorophenol-d4	7.750	132	110561	43.128	ng/ul	0.00
15) 4-Methylphenol-d8	8.925	113	83734	28.404	ng/ul	0.00
21) Nitrobenzene-d5	9.430	128	73810	55.940	ng/ul	0.00
24) 2-Nitrophenol-d4	10.147	143	74094	57.203	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.676	165	130539	49.059	ng/ul	0.00
31) 4-Chloroaniline-d4	11.222	131	106937	24.840	ng/ul	0.00
46) Dimethylphthalate-d6	14.266	166	456412	53.865	ng/ul	0.00
49) Acenaphthylene-d8	14.571	160	515449	48.466	ng/ul	0.00
54) 4-Nitrophenol-d4	15.053	143	23108	15.617	ng/ul	0.00
60) Fluorene-d10	15.852	176	414444	51.391	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.964	200	64344	49.293	ng/ul	0.00
73) Anthracene-d10	17.714	188	638361	55.168	ng/ul	0.00
81) Pyrene-d10	19.988	212	742492	58.924	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.159	264	727880	56.372	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.566	88	2202	1.857	ng/uL#	79
6) Benzaldehyde	7.409	77	9188	5.486	ng/ul#	1
19) Hexachloroethane	9.336	117	32804	30.806	ng/ul#	7
30) Naphthalene	11.128	128	398095	39.709	ng/ul	97
36) 2-Methylnaphthalene	12.709	142	62550	9.524	ng/ul	92
37) 1-Methylnaphthalene	12.932	142	91875	13.783	ng/ul#	94

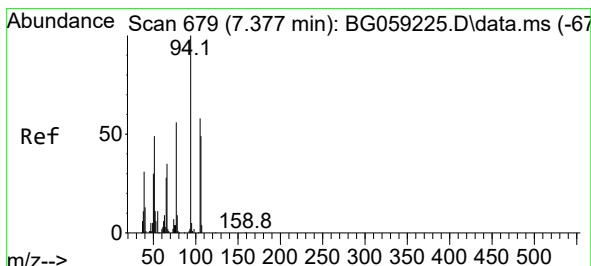
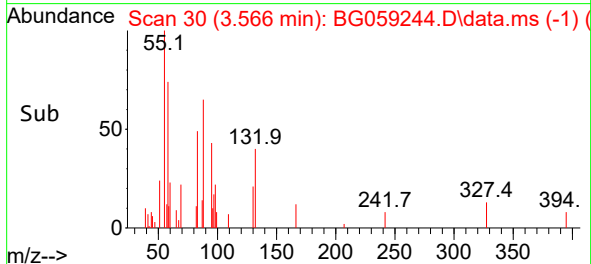
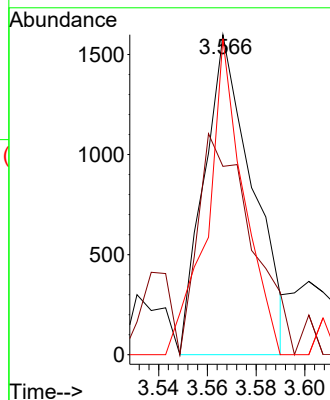
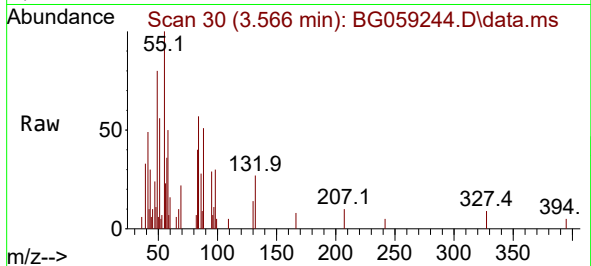
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 1.857 ng/uL
RT: 3.566 min Scan# 30
Delta R.T. 0.000 min
Lab File: BG059244.D
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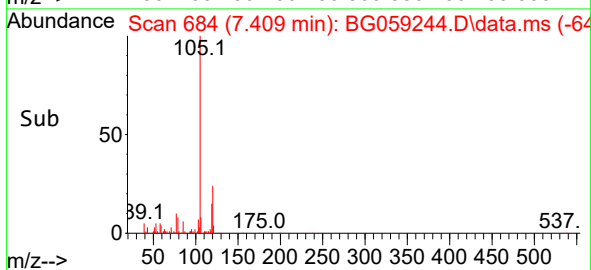
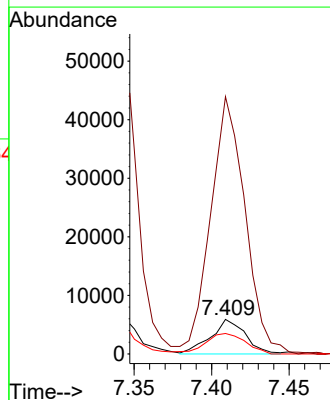
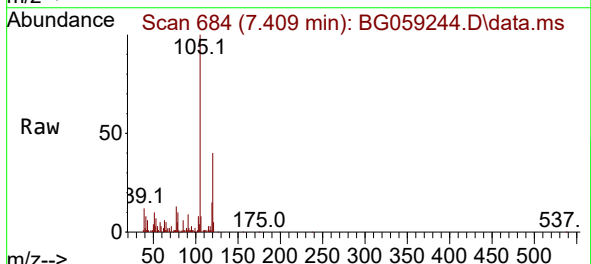
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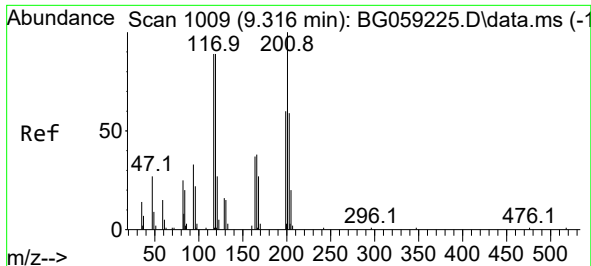
Tgt Ion: 88 Resp: 2202
Ion Ratio Lower Upper
88 100
43 58.8 34.5 51.7#
58 98.7 96.6 145.0



#6
Benzaldehyde
Concen: 5.486 ng/uL
RT: 7.409 min Scan# 684
Delta R.T. 0.030 min
Lab File: BG059244.D
Acq: 28 Sep 2023 21:45

Tgt Ion: 77 Resp: 9188
Ion Ratio Lower Upper
77 100
105 745.7 81.4 122.2#
106 59.3 78.3 117.5#

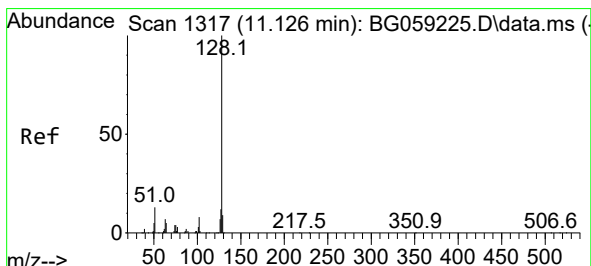
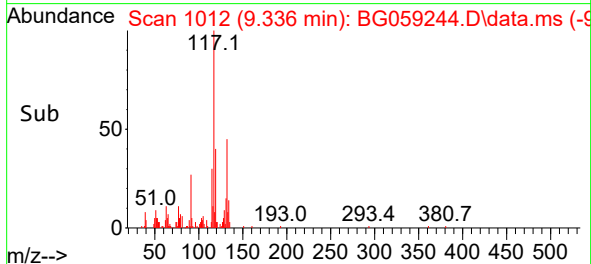
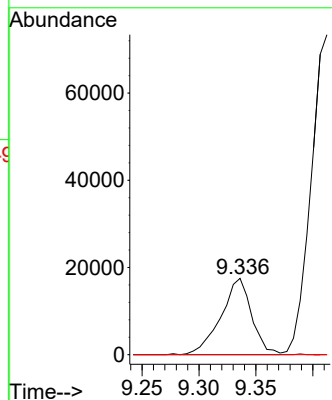
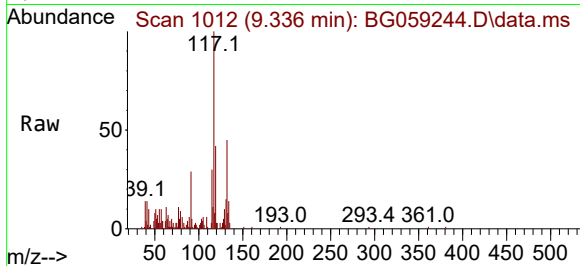




#19
Hexachloroethane
Concen: 30.806 ng/ul
RT: 9.336 min Scan# 1009
Delta R.T. 0.018 min
Lab File: BG059244.D
Acq: 28 Sep 2023 21:45

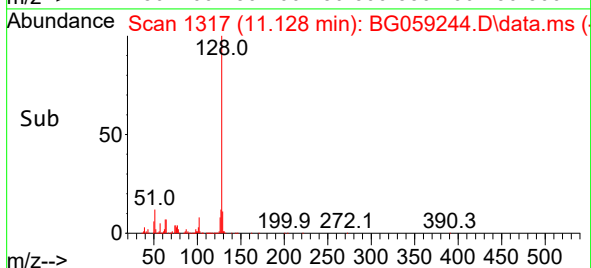
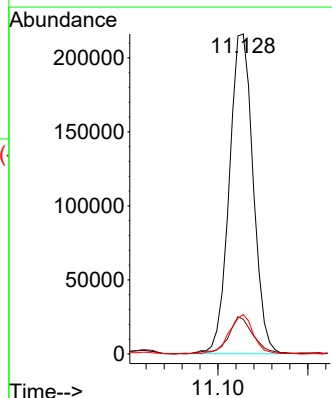
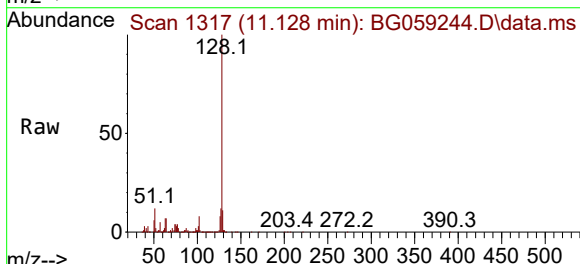
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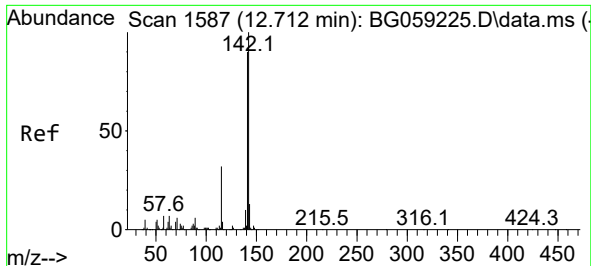
Tgt Ion:117 Resp: 32804
Ion Ratio Lower Upper
117 100
201 0.0 78.2 117.4#
199 0.0 53.5 80.3#



#30
Naphthalene
Concen: 39.709 ng/ul
RT: 11.128 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BG059244.D
Acq: 28 Sep 2023 21:45

Tgt Ion:128 Resp: 398095
Ion Ratio Lower Upper
128 100
129 10.9 8.0 12.0
127 12.3 11.1 16.7

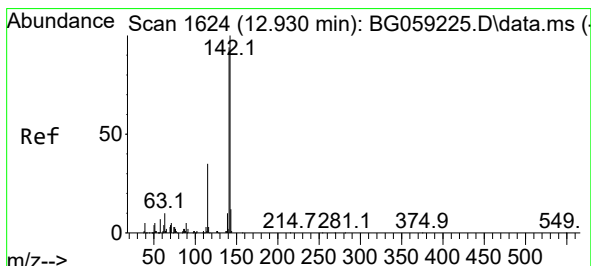
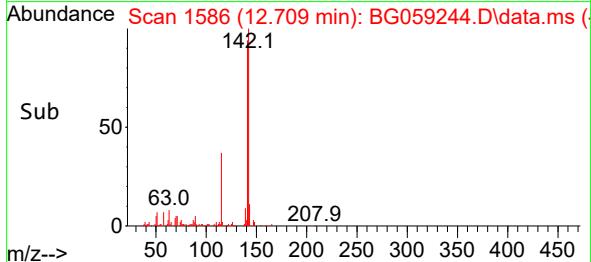
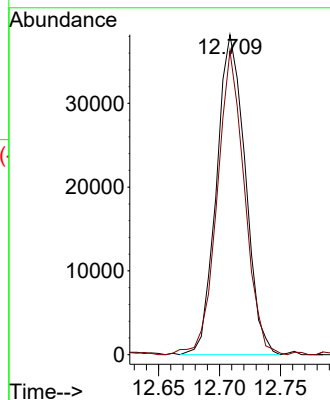
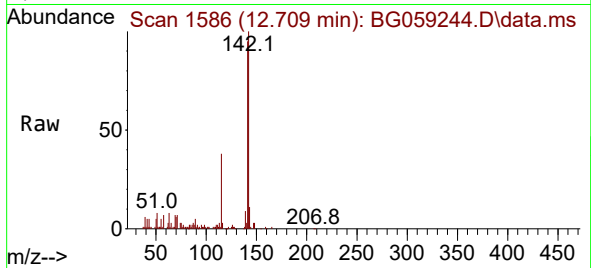




#36
2-Methylnaphthalene
Concen: 9.524 ng/ul
RT: 12.709 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BG059244.D
Acq: 28 Sep 2023 21:45

Instrument :
BNA_G
ClientSampleId :
SSTD020578

Tgt Ion:142 Resp: 62550
Ion Ratio Lower Upper
142 100
141 94.9 70.2 105.2



#37
1-Methylnaphthalene
Concen: 13.783 ng/ul
RT: 12.932 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BG059244.D
Acq: 28 Sep 2023 21:45

Tgt Ion:142 Resp: 91875
Ion Ratio Lower Upper
142 100
141 95.0 71.6 107.4
116 4.2 2.3 3.5#

