

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
 Data File : BG049087.D
 Acq On : 24 Jun 2021 20:16
 Operator : CG/JU
 Sample : M2799-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2-GW

Quant Time: Jun 25 05:33:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

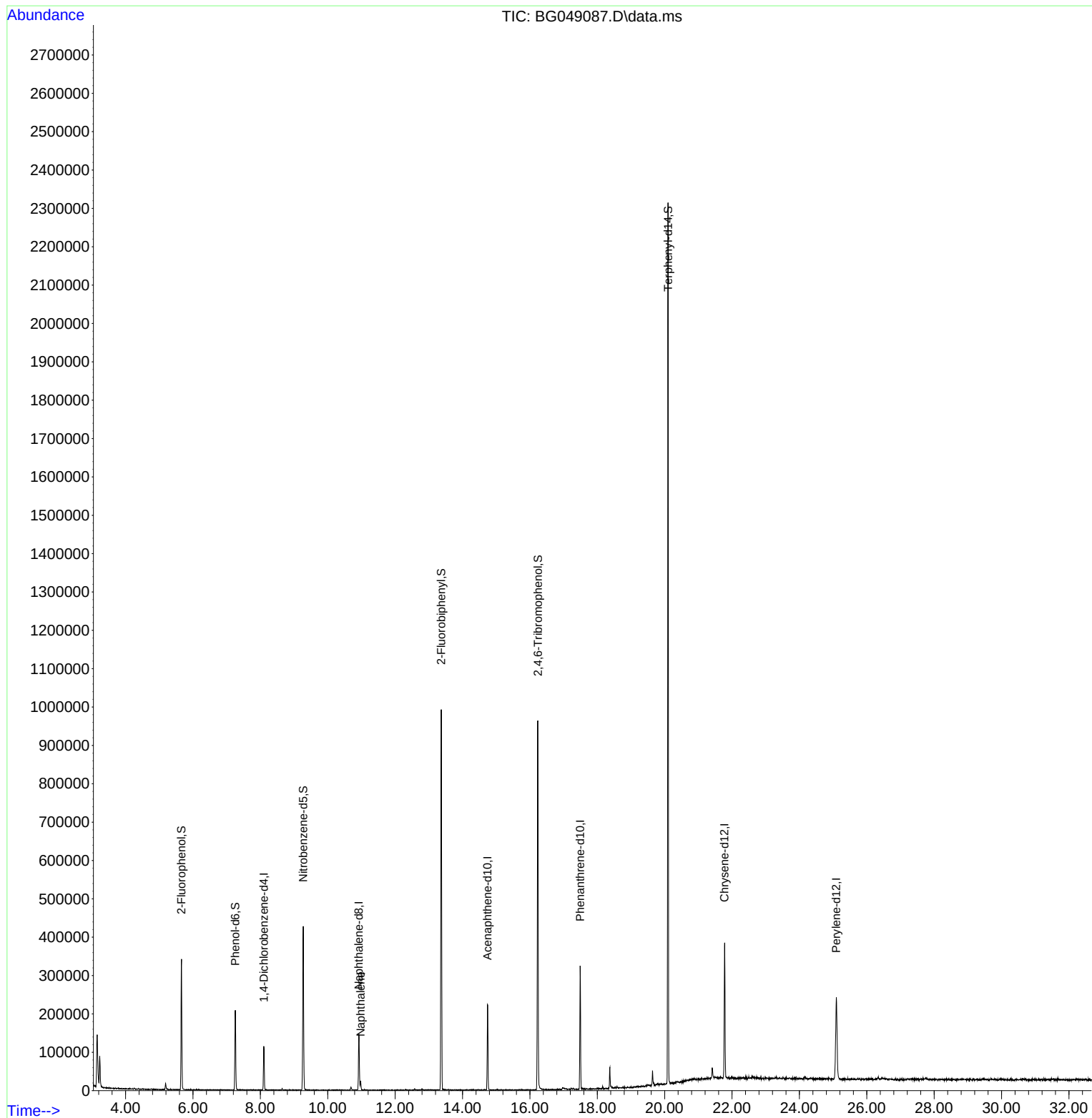
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	29593	20.000	ng	0.00
21) Naphthalene-d8	10.923	136	118136	20.000	ng	# 0.00
39) Acenaphthene-d10	14.742	164	82485	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	204108	20.000	ng	# 0.00
76) Chrysene-d12	21.775	240	229928	20.000	ng	-0.01
86) Perylene-d12	25.095	264	244650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	131273	69.053	ng	0.00
7) Phenol-d6	7.257	99	111168	39.016	ng	0.00
23) Nitrobenzene-d5	9.272	82	252387	92.122	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	197977	162.002	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	531238	90.981	ng	0.00
79) Terphenyl-d14	20.101	244	1089045	86.744	ng	0.00
Target Compounds						
31) Naphthalene	10.976	128	18227	2.590	ng	# 92

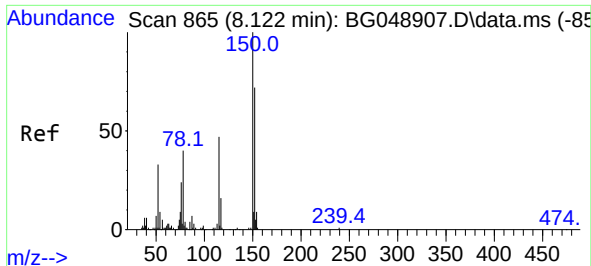
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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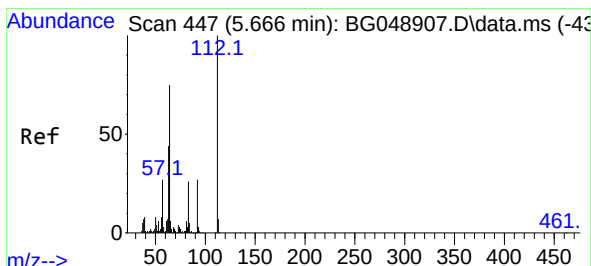
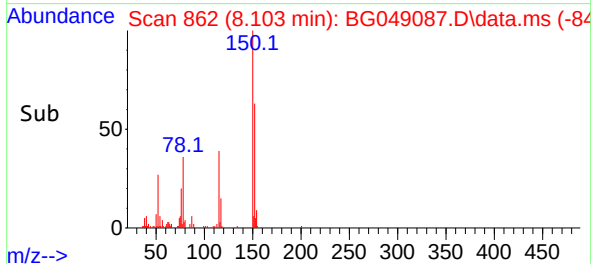
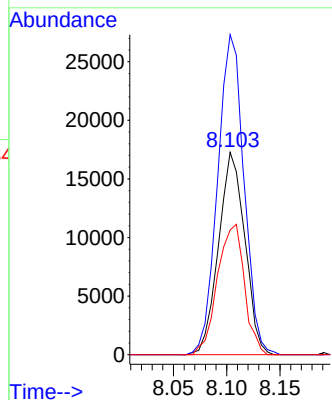
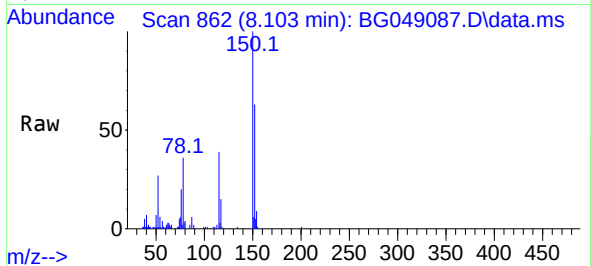




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.103 min Scan# 862
Delta R.T. -0.002 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

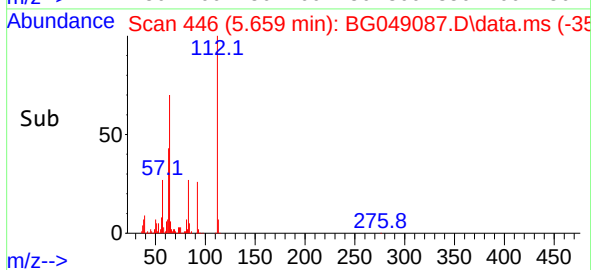
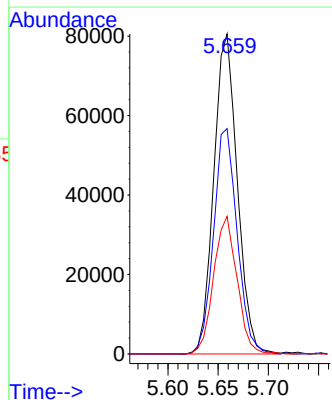
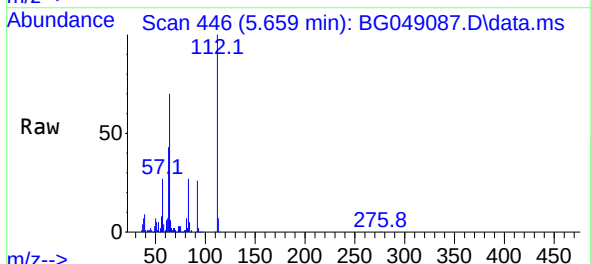
Instrument :
BNA_G
ClientSampleId :
SB-2-GW

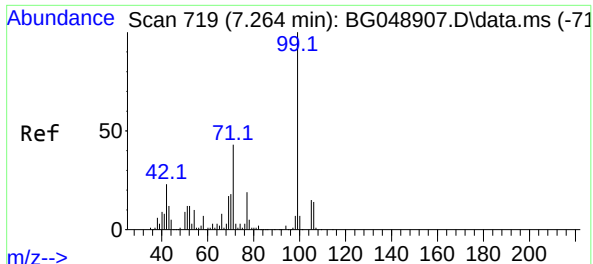
Tgt Ion:152 Resp: 29593
Ion Ratio Lower Upper
152 100
150 158.1 119.4 179.0
115 61.6 60.2 90.4



#5
2-Fluorophenol
Concen: 69.053 ng
RT: 5.659 min Scan# 446
Delta R.T. 0.004 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

Tgt Ion:112 Resp: 131273
Ion Ratio Lower Upper
112 100
64 70.4 46.7 70.1#
63 43.0 35.3 52.9

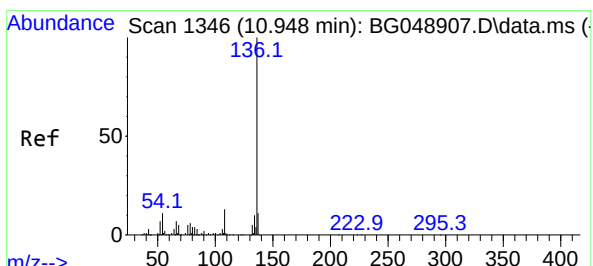
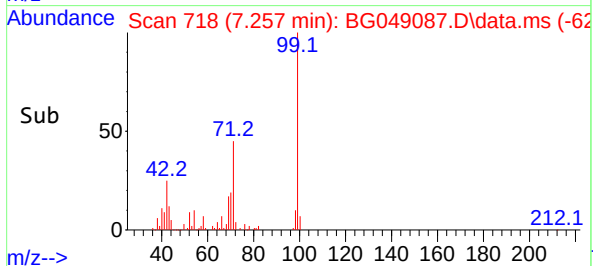
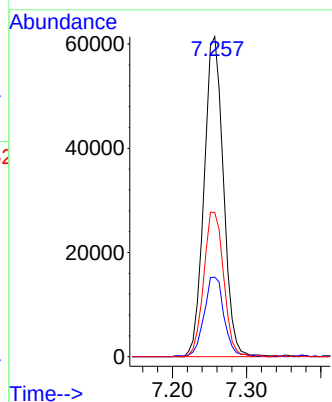
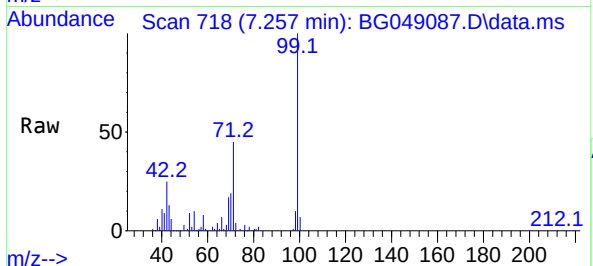




#7
Phenol-d6
Concen: 39.016 ng
RT: 7.257 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

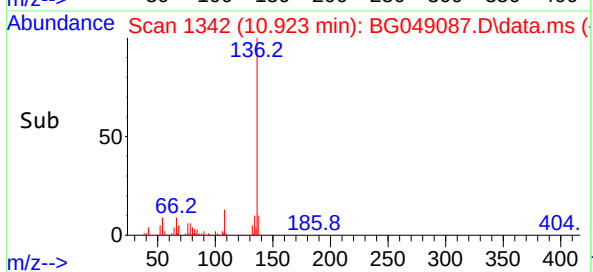
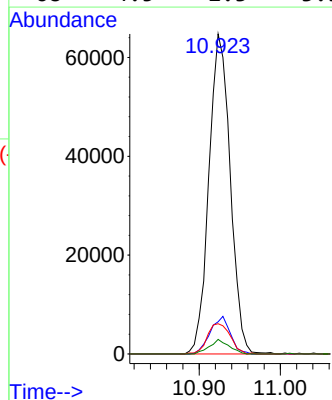
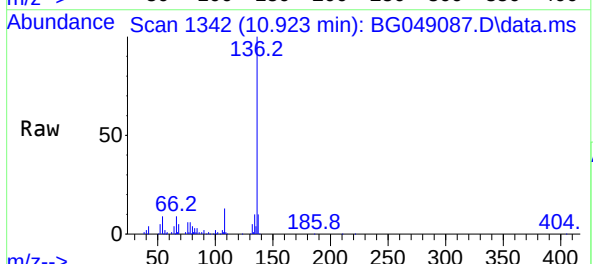
Instrument :
BNA_G
ClientSampleId :
SB-2-GW

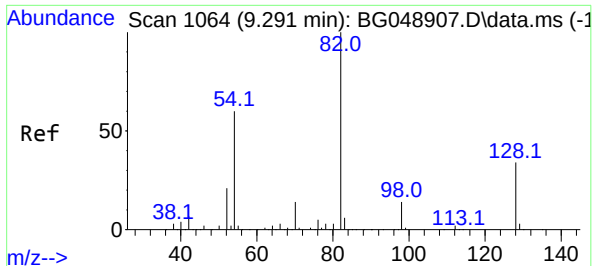
Tgt Ion: 99 Resp: 111168
Ion Ratio Lower Upper
99 100
42 24.8 20.5 30.7
71 45.1 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.923 min Scan# 1342
Delta R.T. -0.002 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

Tgt Ion: 136 Resp: 118136
Ion Ratio Lower Upper
136 100
137 10.1 8.2 12.2
54 9.5 5.5 8.3#
68 4.5 2.3 3.5#

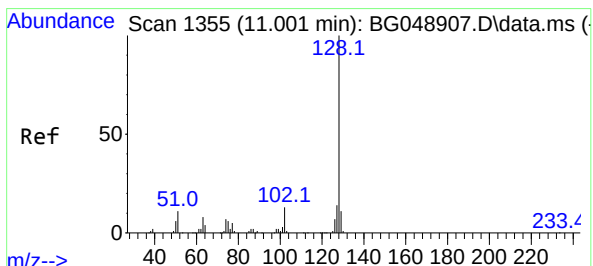
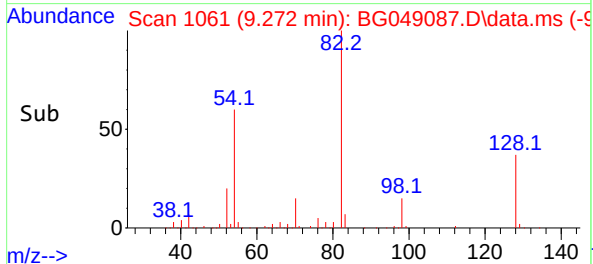
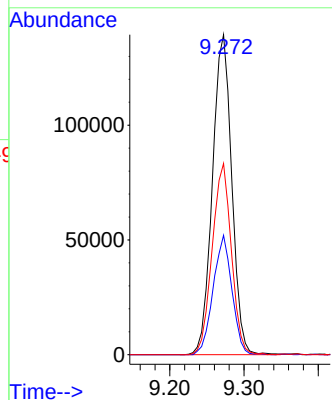
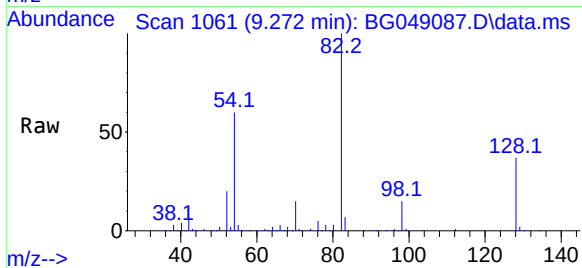




#23
Nitrobenzene-d5
Concen: 92.122 ng
RT: 9.272 min Scan# 1061
Delta R.T. -0.002 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

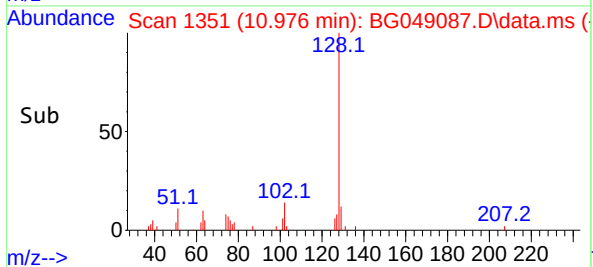
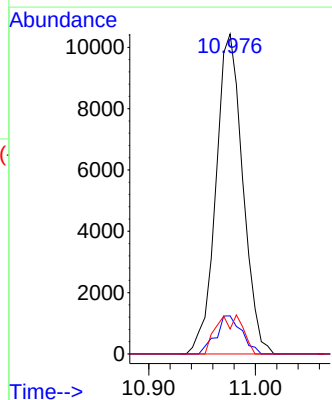
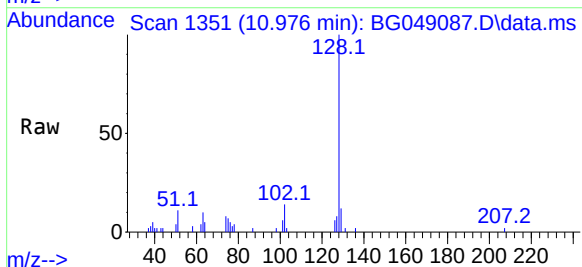
Instrument :
BNA_G
ClientSampled :
SB-2-GW

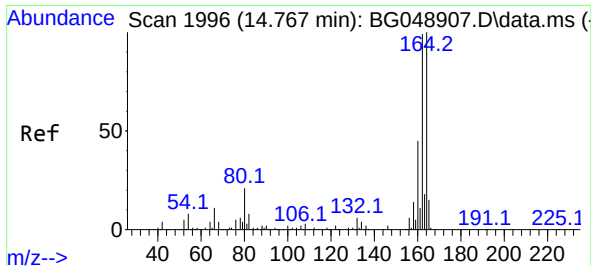
Tgt Ion: 82 Resp: 252387
Ion Ratio Lower Upper
82 100
128 37.3 29.8 44.6
54 59.7 45.8 68.8



#31
Naphthalene
Concen: 2.590 ng
RT: 10.976 min Scan# 1351
Delta R.T. -0.002 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

Tgt Ion: 128 Resp: 18227
Ion Ratio Lower Upper
128 100
129 11.9 8.5 12.7
127 7.8 10.2 15.4#

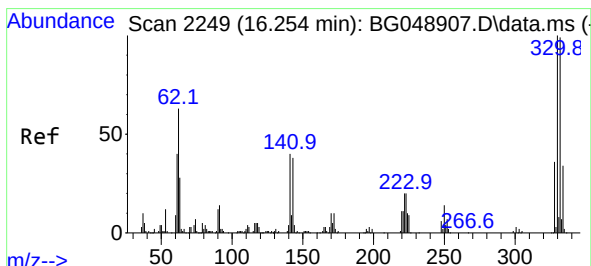
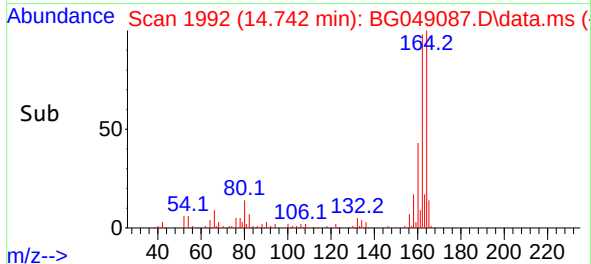
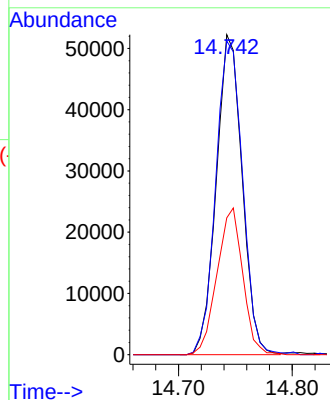
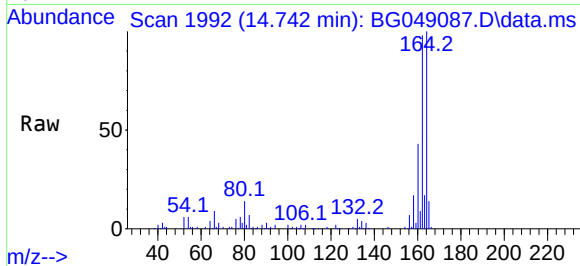




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.742 min Scan# 1992
Delta R.T. -0.008 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

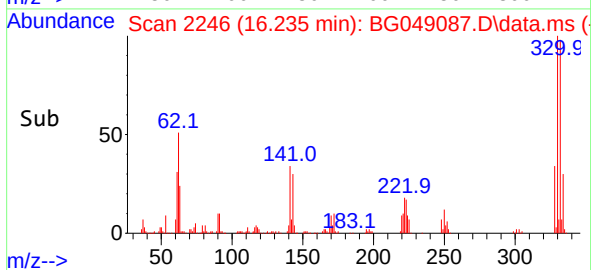
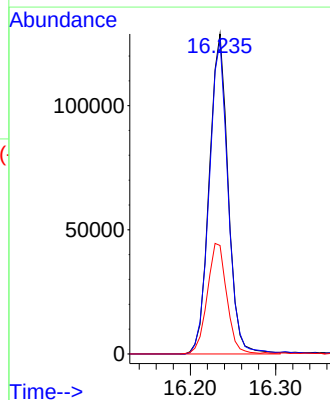
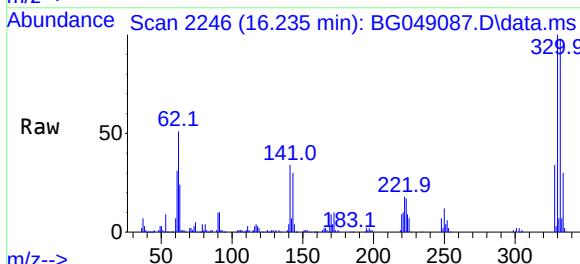
Instrument :
BNA_G
ClientSampleId :
SB-2-GW

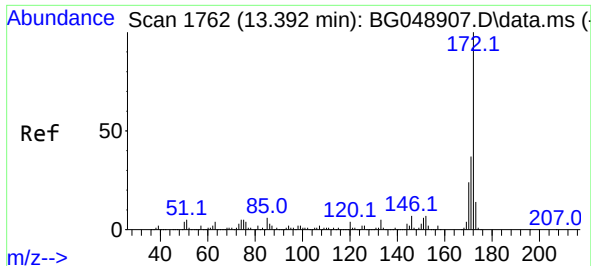
Tgt Ion:164 Resp: 82485
Ion Ratio Lower Upper
164 100
162 98.0 81.4 122.0
160 42.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 162.002 ng
RT: 16.235 min Scan# 2246
Delta R.T. -0.002 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

Tgt Ion:330 Resp: 197977
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 35.7 35.6 53.4

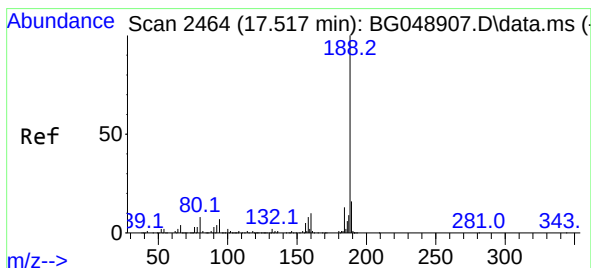
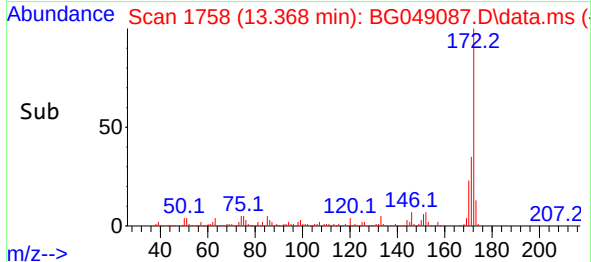
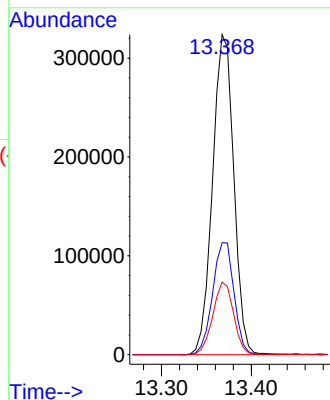
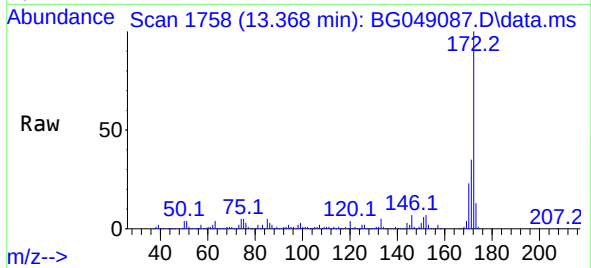




#45
2-Fluorobiphenyl
Concen: 90.981 ng
RT: 13.368 min Scan# 1758
Delta R.T. -0.002 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

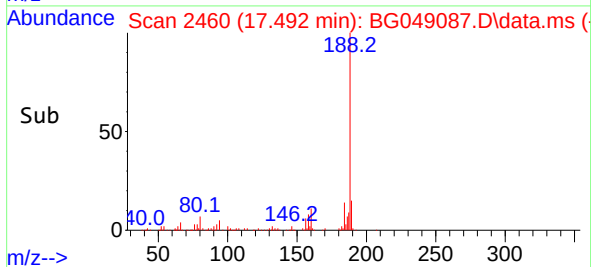
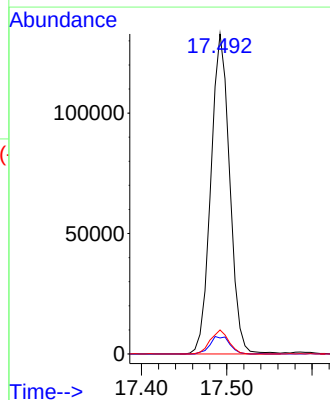
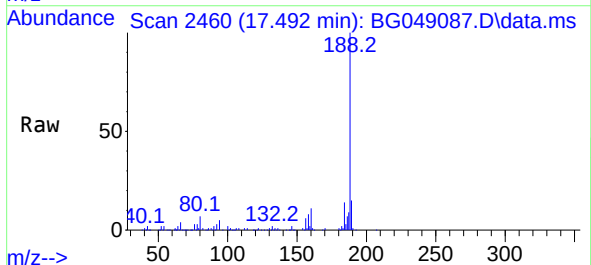
Instrument :
BNA_G
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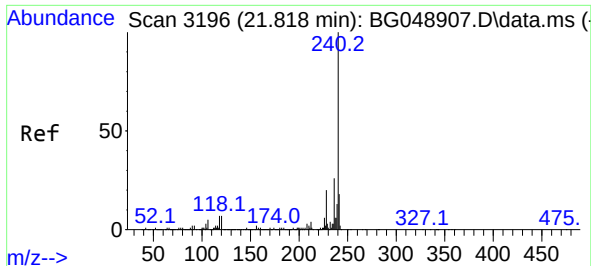
Tgt Ion:172 Resp: 531238
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 22.7 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2460
Delta R.T. -0.008 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

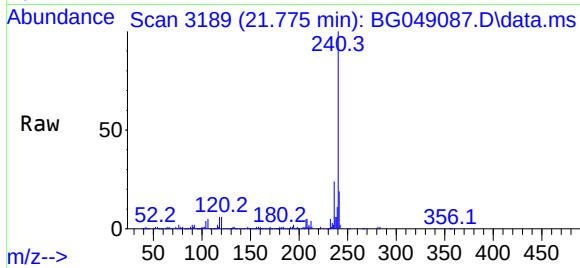
Tgt Ion:188 Resp: 204108
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 7.5 3.7 5.5#



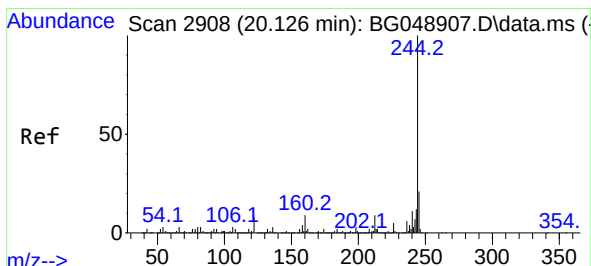
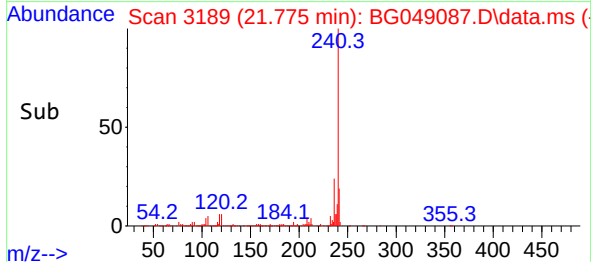
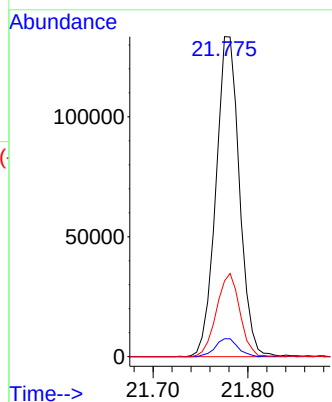


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.775 min Scan# 3189
Delta R.T. -0.014 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

Instrument :
BNA_G
ClientSampleId :
SB-2-GW

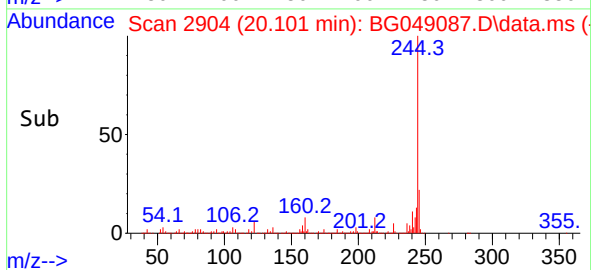
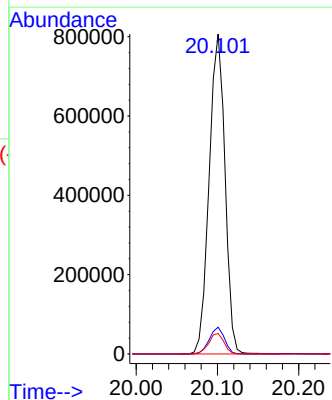
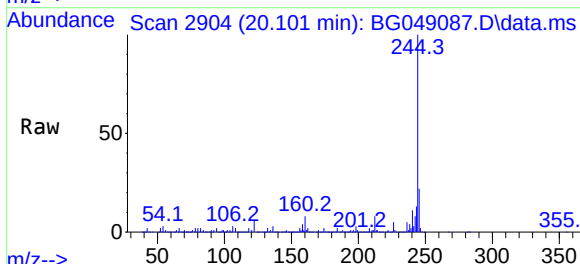


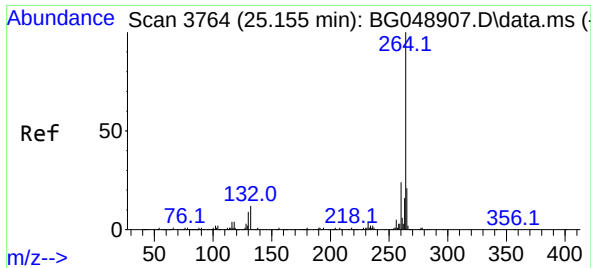
Tgt Ion:240 Resp: 229928
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 23.7 21.8 32.6



#79
Terphenyl-d14
Concen: 86.744 ng
RT: 20.101 min Scan# 2904
Delta R.T. -0.002 min
Lab File: BG049087.D
Acq: 24 Jun 2021 20:16

Tgt Ion:244 Resp: 1089045
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 6.4 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.095 min Scan# 3754
 Delta R.T. -0.008 min
 Lab File: BG049087.D
 Acq: 24 Jun 2021 20:16

Instrument :
 BNA_G
 ClientSampleId :
 SB-2-GW

Tgt Ion:264 Resp: 244650
 Ion Ratio Lower Upper
 264 100
 260 21.9 19.4 29.2
 265 21.2 16.9 25.3

