

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062521\
 Data File : BG049096.D
 Acq On : 25 Jun 2021 18:41
 Operator : CG/JU
 Sample : M2852-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE-WC-D

Quant Time: Jun 26 01:32:48 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	8.102	152	32754	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	125645	20.00	ng	# 0.00
39) Acenaphthene-d10	14.748	164	89157	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	208404	20.00	ng	# 0.00
76) Chrysene-d12	21.781	240	223908	20.00	ng	0.00
86) Perylene-d12	25.094	264	228693	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	171965	81.73	ng	0.00
7) Phenol-d6	7.256	99	225640	71.55	ng	0.00
23) Nitrobenzene-d5	9.272	82	165268	56.72	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	124486	94.24	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	347738	55.10	ng	0.00
79) Terphenyl-d14	20.100	244	659380	53.93	ng	0.00

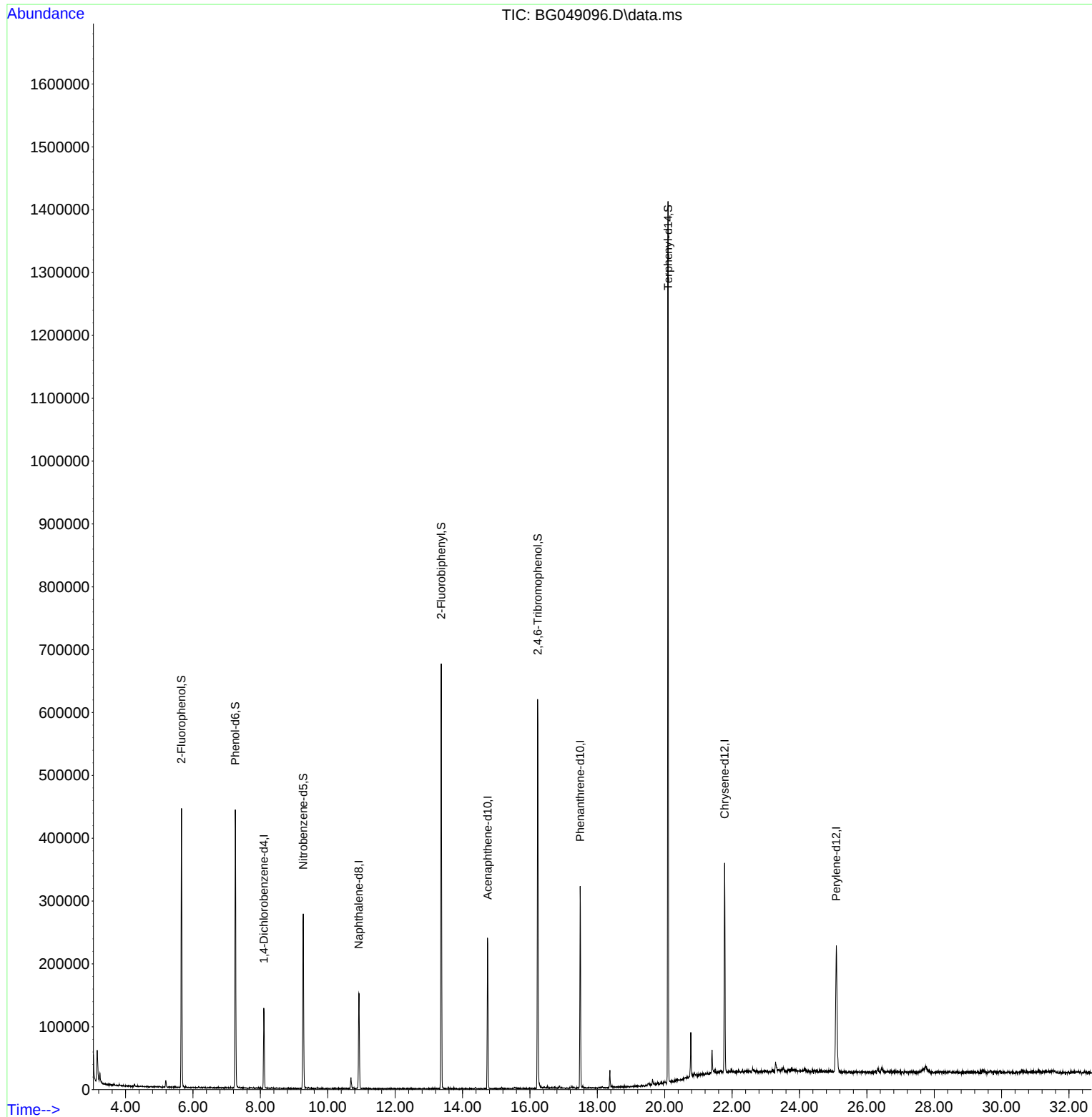
Target Compounds	Qvalue

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

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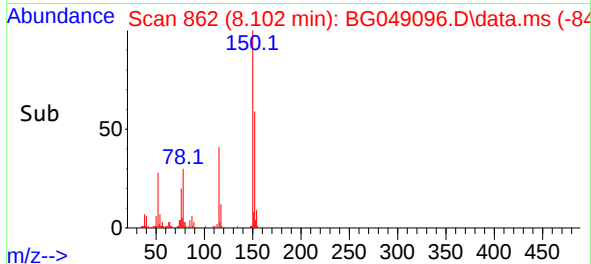
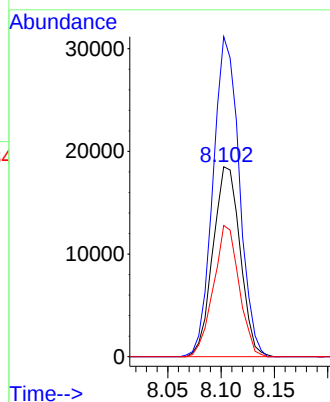
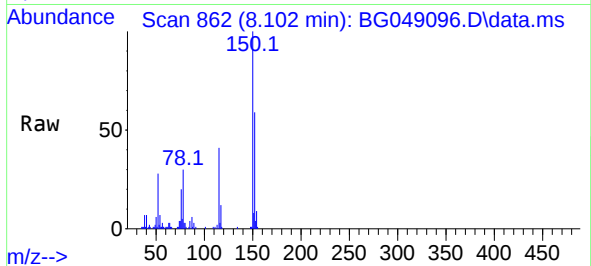




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 862
Delta R.T. -0.003 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

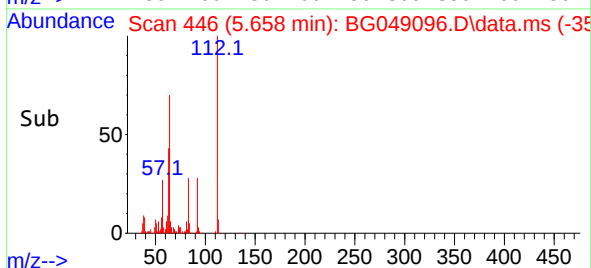
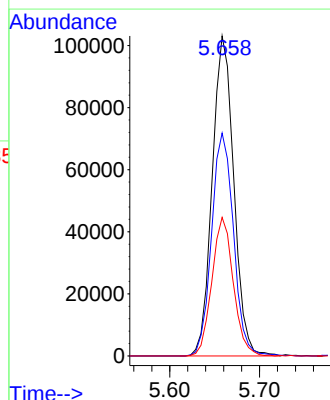
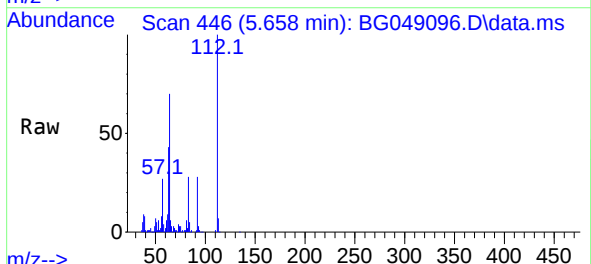
Instrument :
BNA_G
ClientSampleId :
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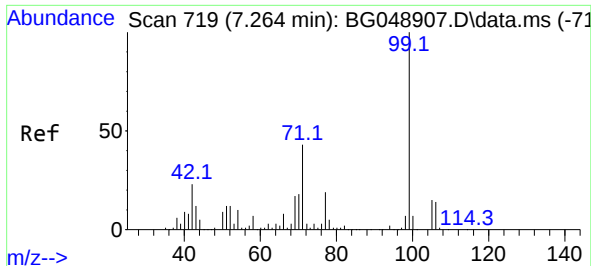
Tgt Ion:152 Resp: 32754
Ion Ratio Lower Upper
152 100
150 168.6 119.4 179.0
115 69.1 60.2 90.4



#5
2-Fluorophenol
Concen: 81.73 ng
RT: 5.658 min Scan# 446
Delta R.T. 0.003 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

Tgt Ion:112 Resp: 171965
Ion Ratio Lower Upper
112 100
64 69.7 46.7 70.1
63 43.3 35.3 52.9

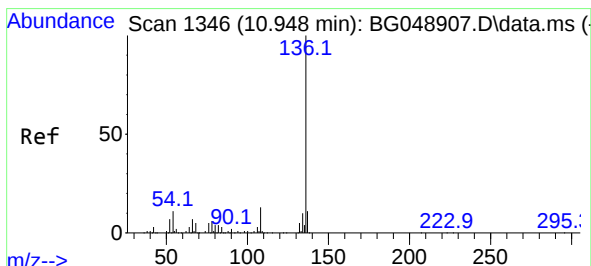
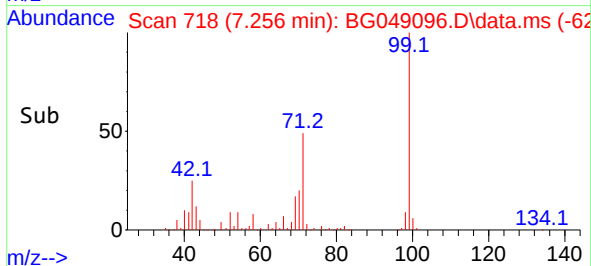
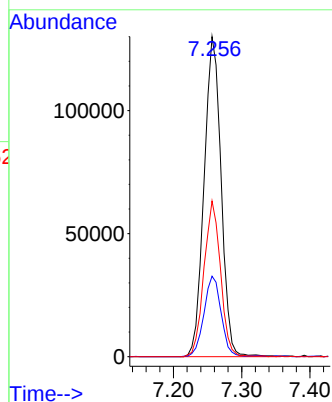
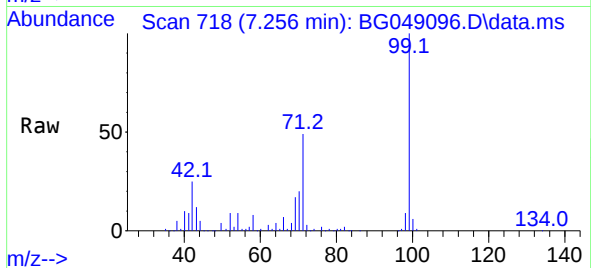




#7
Phenol-d6
Concen: 71.55 ng
RT: 7.256 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

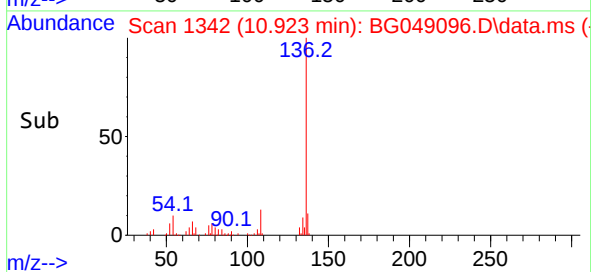
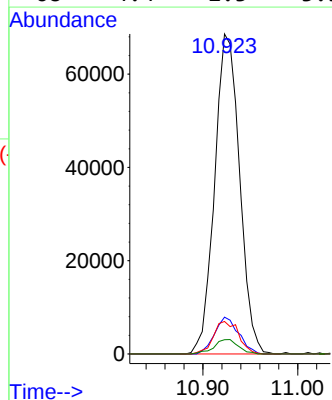
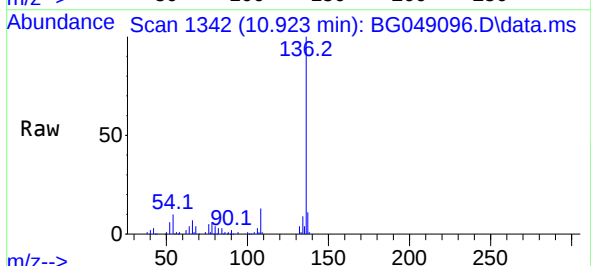
Instrument :
BNA_G
ClientSampleId :
MANHOLE-WC-D

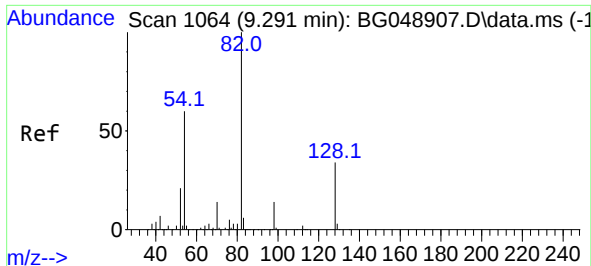
Tgt Ion: 99 Resp: 225640
Ion Ratio Lower Upper
99 100
42 25.2 20.5 30.7
71 48.7 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1342
Delta R.T. -0.003 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

Tgt Ion:136 Resp: 125645
Ion Ratio Lower Upper
136 100
137 11.5 8.2 12.2
54 10.2 5.5 8.3#
68 4.4 2.3 3.5#

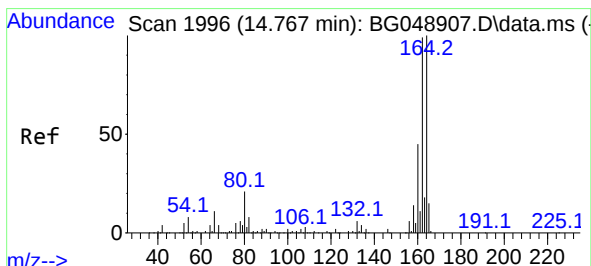
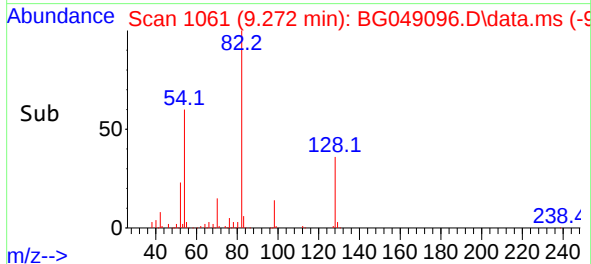
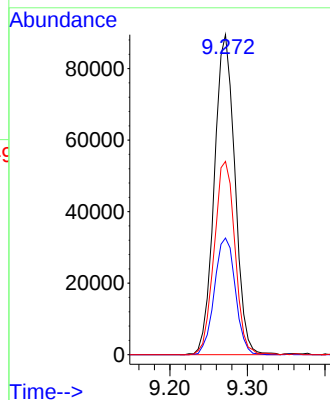
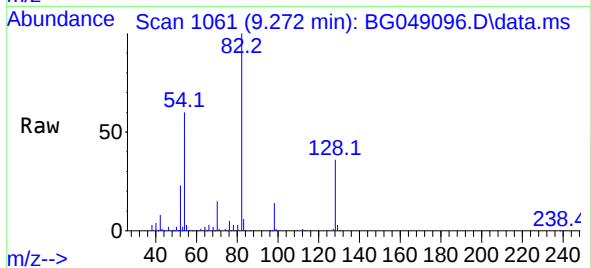




#23
Nitrobenzene-d5
Concen: 56.72 ng
RT: 9.272 min Scan# 1061
Delta R.T. -0.003 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

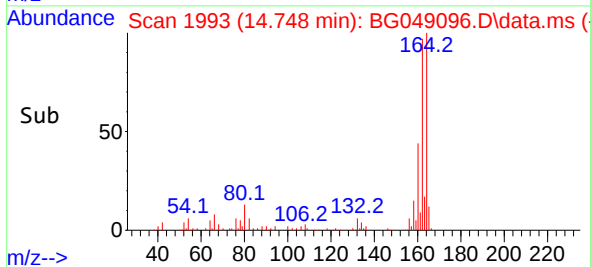
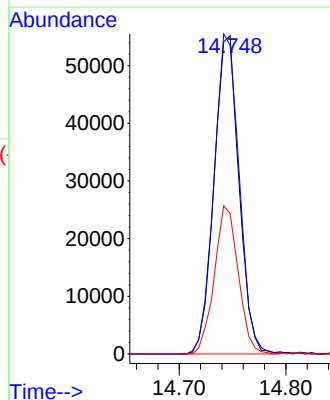
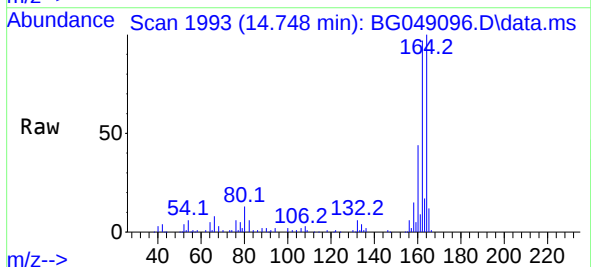
Instrument :
BNA_G
ClientSampleId :
MANHOLE-WC-D

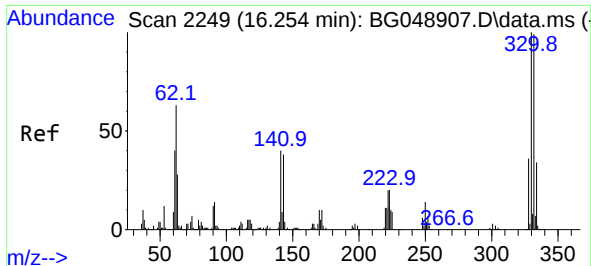
Tgt Ion: 82 Resp: 165268
Ion Ratio Lower Upper
82 100
128 36.5 29.8 44.6
54 60.4 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1993
Delta R.T. -0.003 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

Tgt Ion: 164 Resp: 89157
Ion Ratio Lower Upper
164 100
162 97.0 81.4 122.0
160 44.1 34.9 52.3

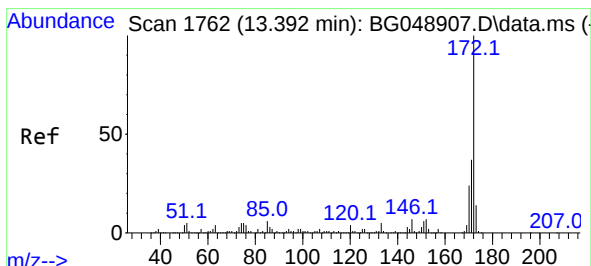
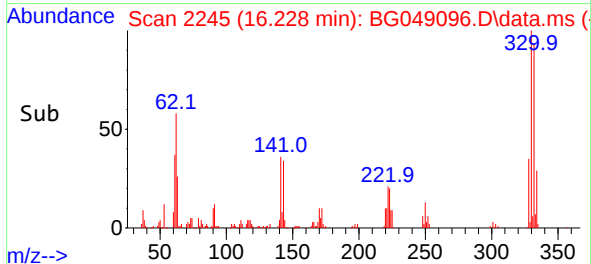
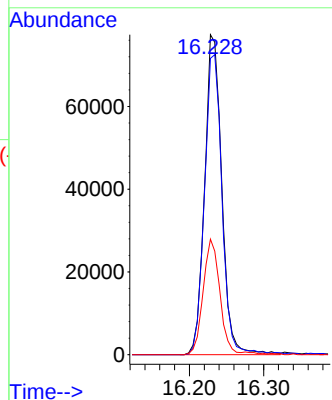
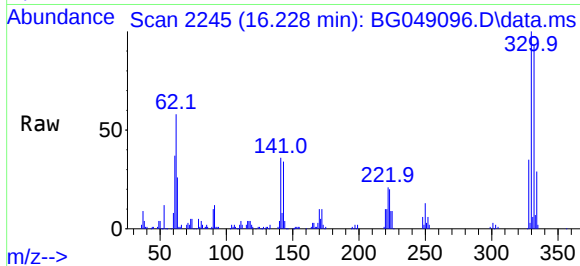




#42
2,4,6-Tribromophenol
Concen: 94.24 ng
RT: 16.228 min Scan# 2245
Delta R.T. -0.009 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

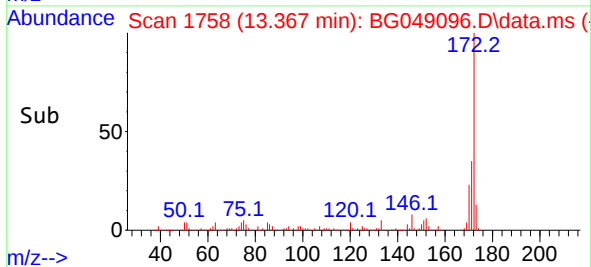
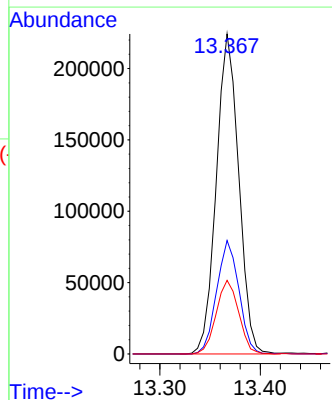
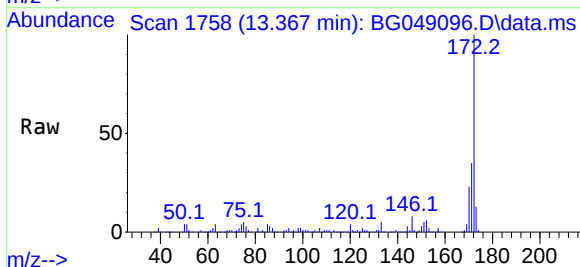
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Tgt Ion:330 Resp: 124486
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 34.9 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 55.10 ng
RT: 13.367 min Scan# 1758
Delta R.T. -0.003 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

Tgt Ion:172 Resp: 347738
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.0 18.6 27.8

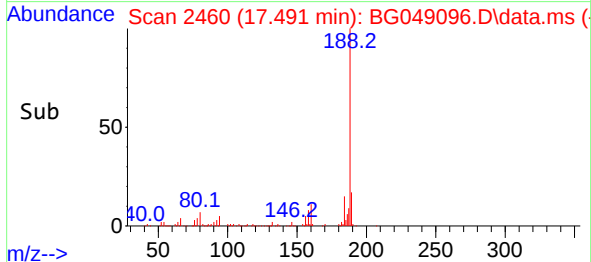
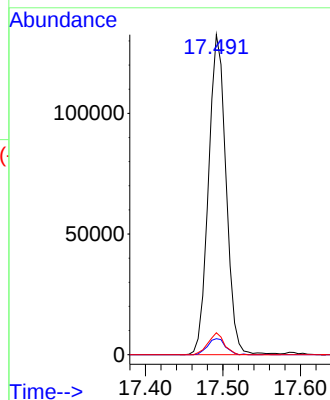
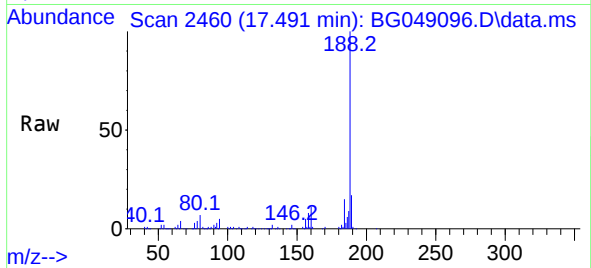




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2460
Delta R.T. -0.009 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

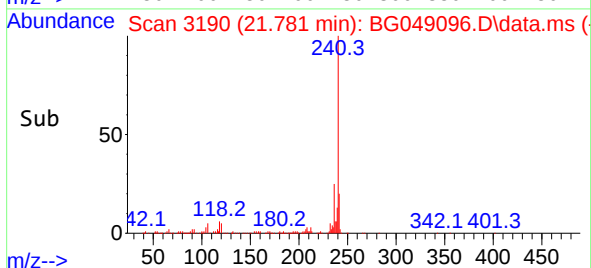
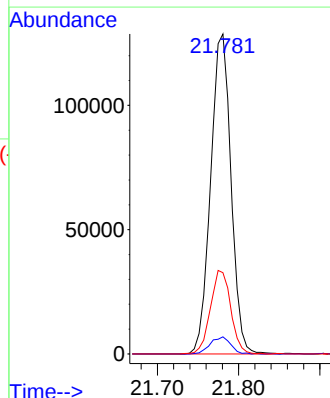
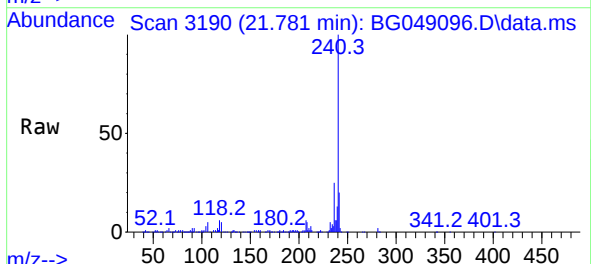
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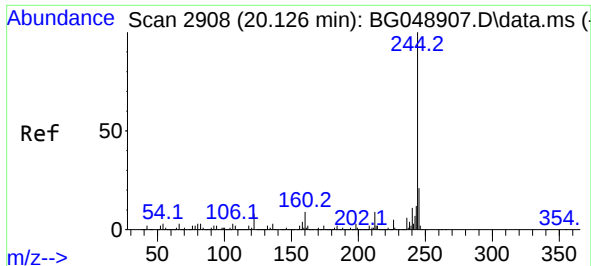
Tgt Ion:188 Resp: 208404
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 6.8 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.781 min Scan# 3190
Delta R.T. -0.009 min
Lab File: BG049096.D
Acq: 25 Jun 2021 18:41

Tgt Ion:240 Resp: 223908
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.2
236 25.4 21.8 32.6

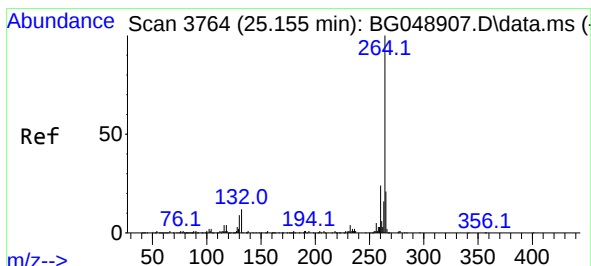
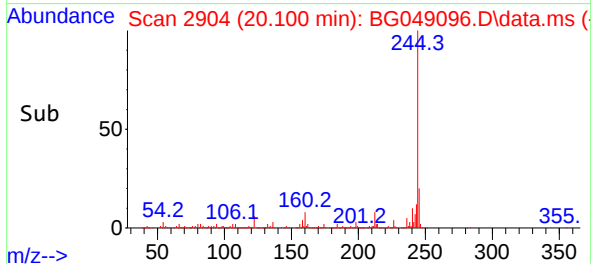
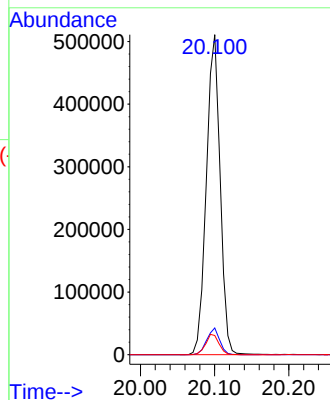
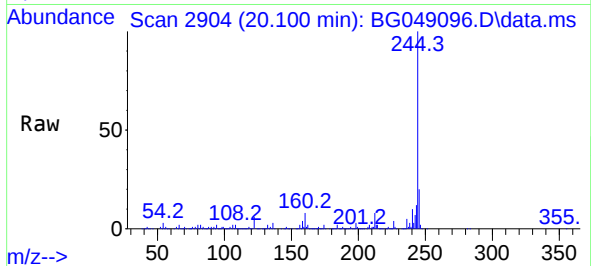




#79
 Terphenyl-d14
 Concen: 53.93 ng
 RT: 20.100 min Scan# 2904
 Delta R.T. -0.003 min
 Lab File: BG049096.D
 Acq: 25 Jun 2021 18:41

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 659380
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 6.0 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.094 min Scan# 3754
 Delta R.T. -0.009 min
 Lab File: BG049096.D
 Acq: 25 Jun 2021 18:41

Tgt Ion:264 Resp: 228693
 Ion Ratio Lower Upper
 264 100
 260 21.7 19.4 29.2
 265 21.0 16.9 25.3

