

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062521\
 Data File : BG049092.D
 Acq On : 25 Jun 2021 15:57
 Operator : CG/JU
 Sample : M2824-02RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ABN-1

Quant Time: Jun 25 16:36:18 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	8.110	152	37220	20.00	ng	0.00
21) Naphthalene-d8	10.930	136	139460	20.00	ng	# 0.00
39) Acenaphthene-d10	14.749	164	93116	20.00	ng	0.00
64) Phenanthrene-d10	17.499	188	208731	20.00	ng	# 0.00
76) Chrysene-d12	21.788	240	236572	20.00	ng	0.00
86) Perylene-d12	25.114	264	241625	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	11263	4.71	ng	0.01
7) Phenol-d6	7.258	99	61901	17.27	ng	0.00
23) Nitrobenzene-d5	9.279	82	238412	73.72	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	3277	2.38	ng	0.00
45) 2-Fluorobiphenyl	13.374	172	483854	73.41	ng	0.00
79) Terphenyl-d14	20.108	244	854742	66.17	ng	0.00

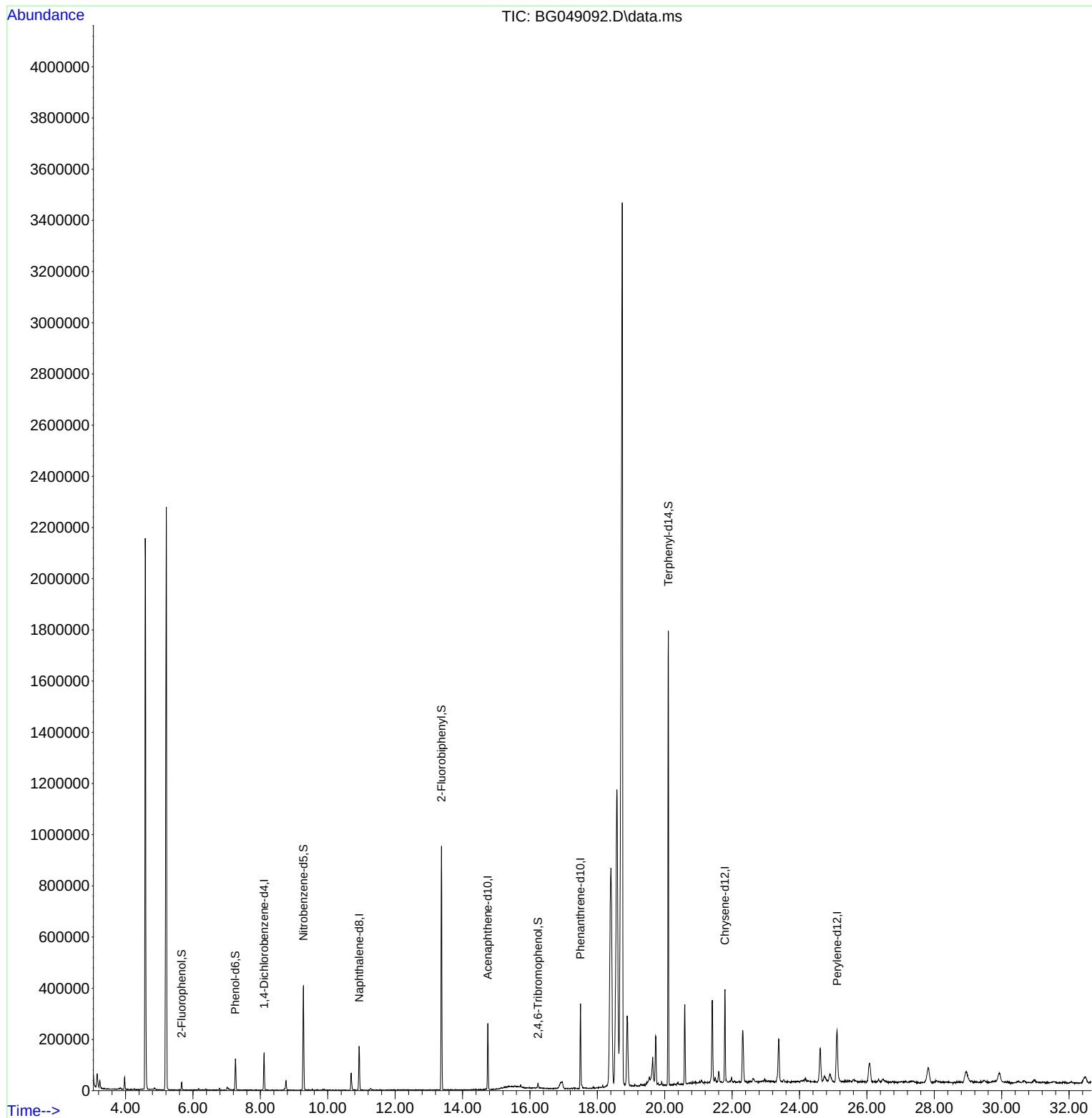
Target Compounds	Qvalue

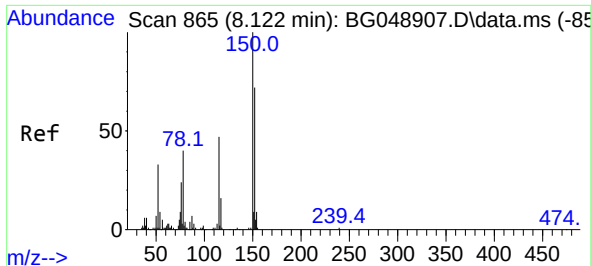
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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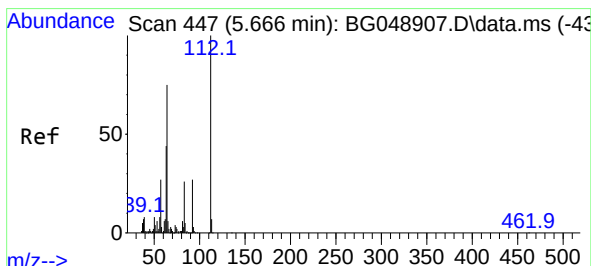
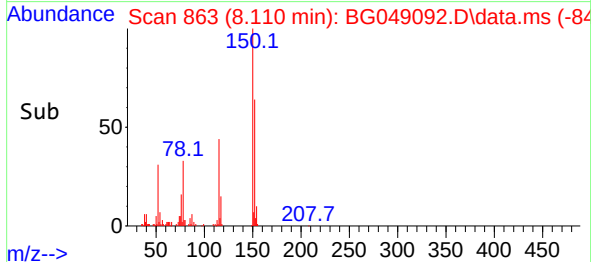
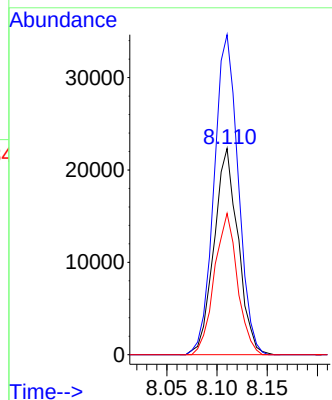
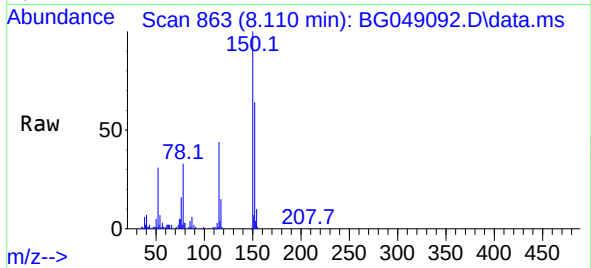




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.110 min Scan# 863
Delta R.T. 0.005 min
Lab File: BG049092.D
Acq: 25 Jun 2021 15:57

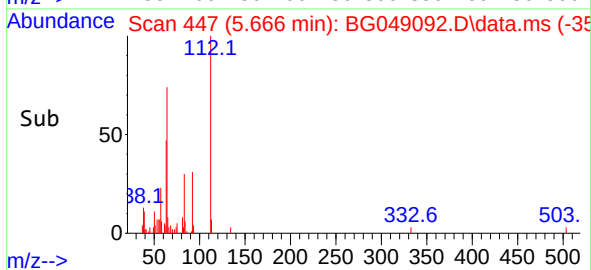
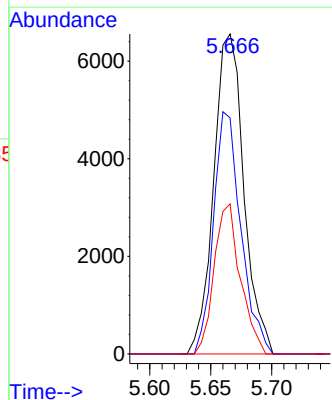
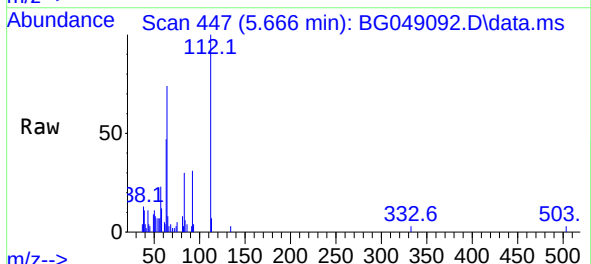
Instrument :
BNA_G
ClientSampleId :
ABN-1

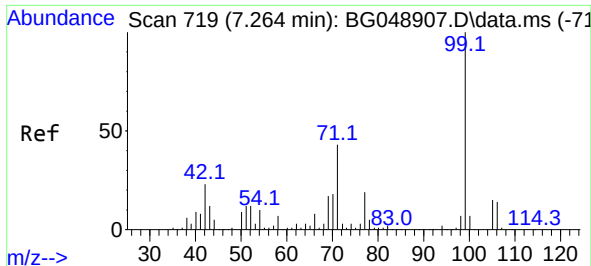
Tgt Ion:152 Resp: 37220
Ion Ratio Lower Upper
152 100
150 155.2 119.4 179.0
115 68.5 60.2 90.4



#5
2-Fluorophenol
Concen: 4.71 ng
RT: 5.666 min Scan# 447
Delta R.T. 0.010 min
Lab File: BG049092.D
Acq: 25 Jun 2021 15:57

Tgt Ion:112 Resp: 11263
Ion Ratio Lower Upper
112 100
64 73.7 46.7 70.1#
63 46.9 35.3 52.9



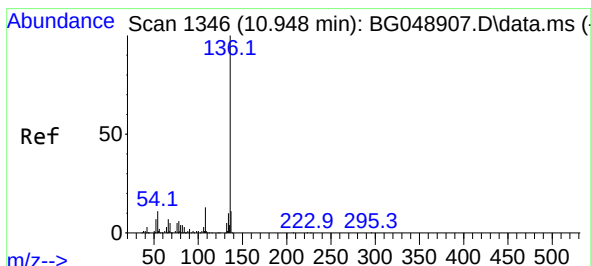
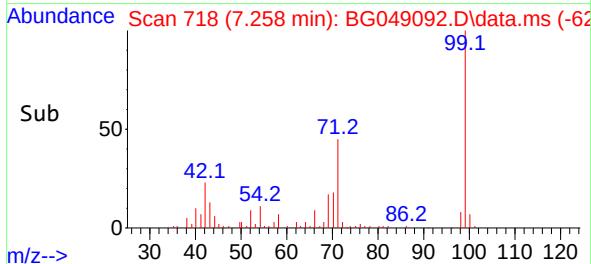
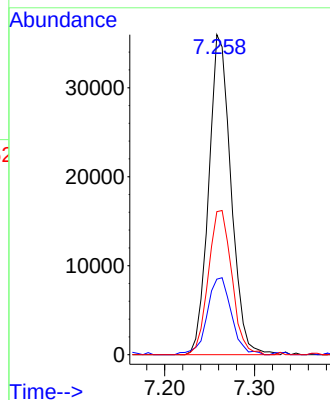
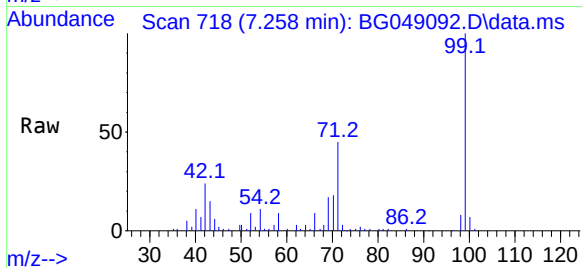


#7
Phenol-d6
Concen: 17.27 ng
RT: 7.258 min Scan# 718
Delta R.T. -0.001 min
Lab File: BG049092.D
Acq: 25 Jun 2021 15:57

Instrument :
BNA_G
ClientSampleId :
ABN-1

Tgt Ion: 99 Resp: 61901

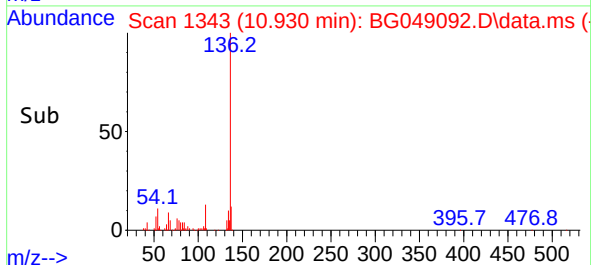
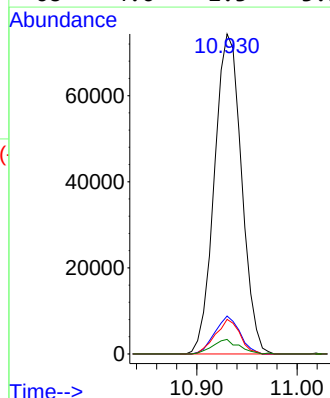
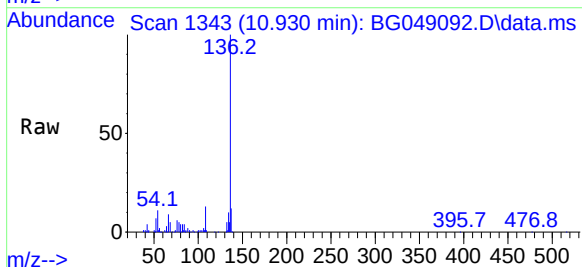
Ion	Ratio	Lower	Upper
99	100		
42	23.6	20.5	30.7
71	44.7	41.5	62.3

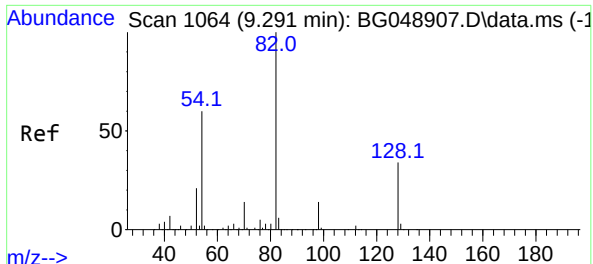


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.930 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BG049092.D
Acq: 25 Jun 2021 15:57

Tgt Ion: 136 Resp: 139460

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.2	12.2
54	10.8	5.5	8.3#
68	4.6	2.3	3.5#





#23

Nitrobenzene-d5

Concen: 73.72 ng

RT: 9.279 min Scan# 1062

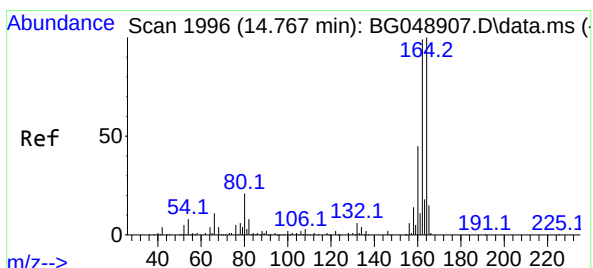
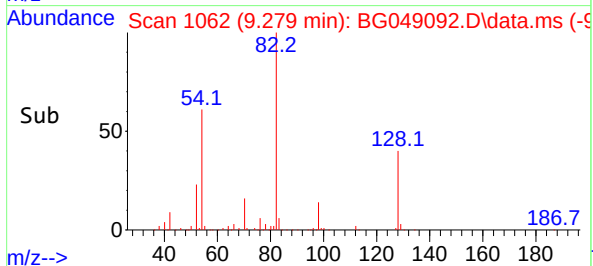
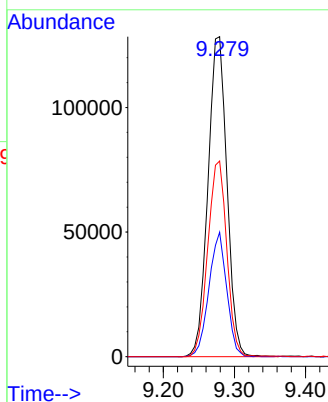
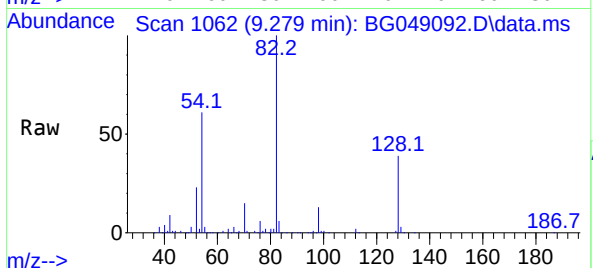
Delta R.T. 0.005 min

Lab File: BG049092.D

Acq: 25 Jun 2021 15:57

Tgt Ion: 82 Resp: 238412

Ion	Ratio	Lower	Upper
82	100		
128	38.9	29.8	44.6
54	61.2	45.8	68.8



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.749 min Scan# 1993

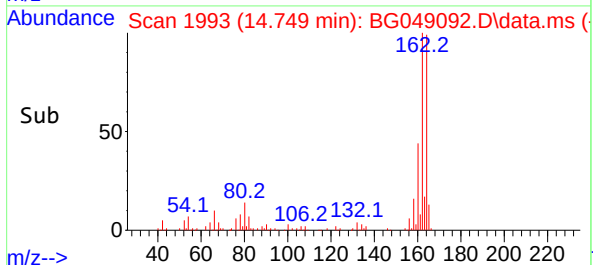
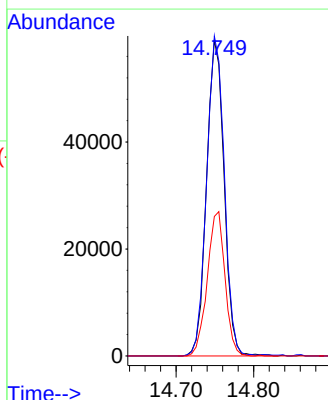
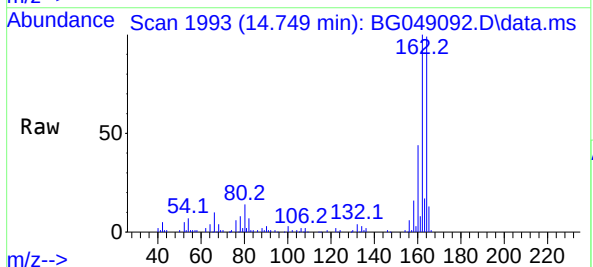
Delta R.T. -0.001 min

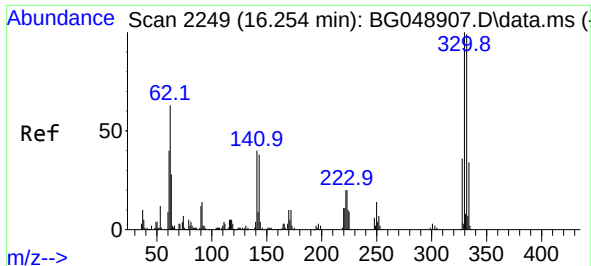
Lab File: BG049092.D

Acq: 25 Jun 2021 15:57

Tgt Ion: 164 Resp: 93116

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.4	122.0
160	44.2	34.9	52.3

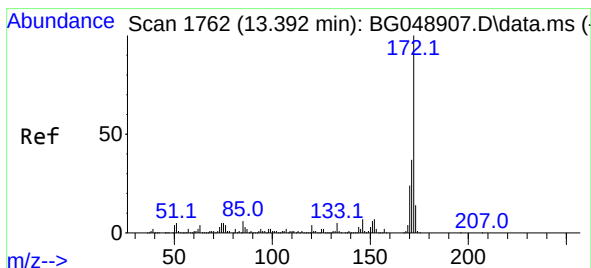
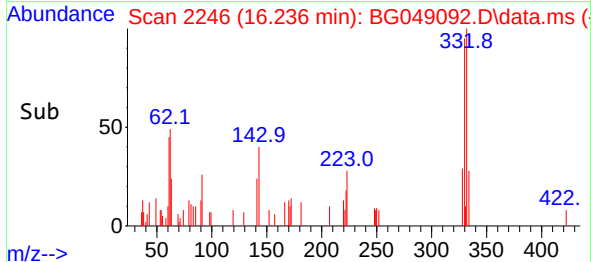
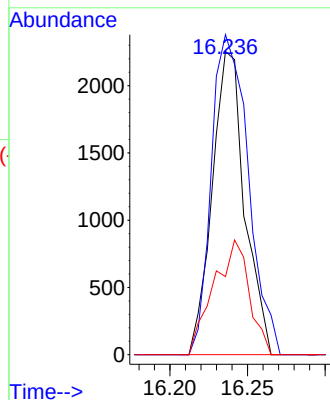
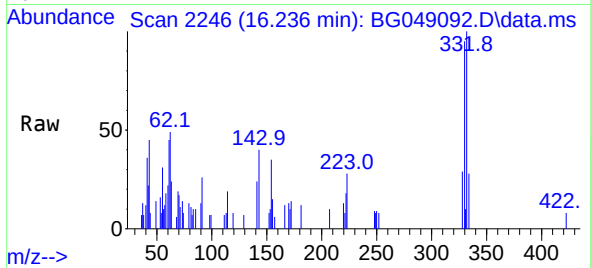




#42
2,4,6-Tribromophenol
Concen: 2.38 ng
RT: 16.236 min Scan# 2246
Delta R.T. -0.001 min
Lab File: BG049092.D
Acq: 25 Jun 2021 15:57

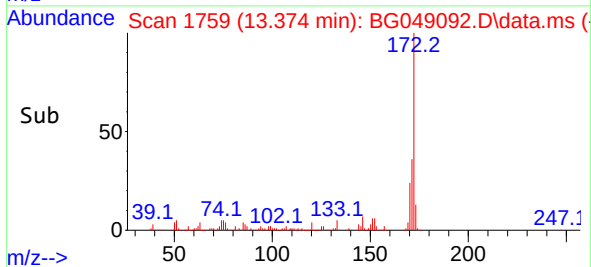
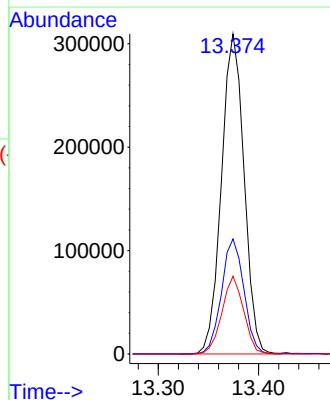
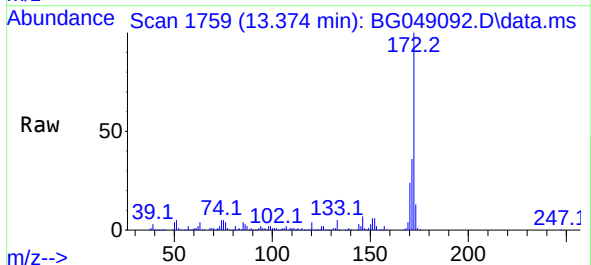
Instrument :
BNA_G
ClientSampleId :
ABN-1

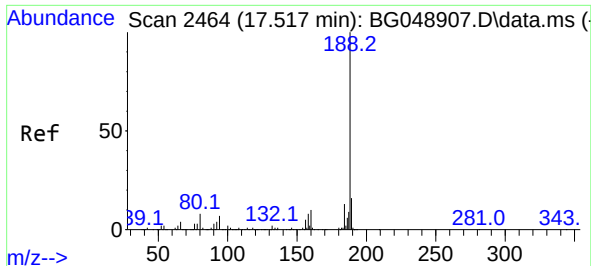
Tgt Ion:330 Resp: 3277
Ion Ratio Lower Upper
330 100
332 119.8 77.3 115.9#
141 41.4 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 73.41 ng
RT: 13.374 min Scan# 1759
Delta R.T. 0.005 min
Lab File: BG049092.D
Acq: 25 Jun 2021 15:57

Tgt Ion:172 Resp: 483854
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.3 18.6 27.8

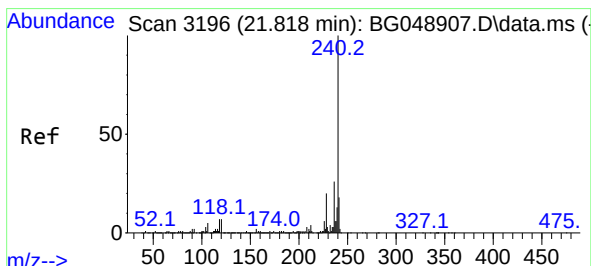
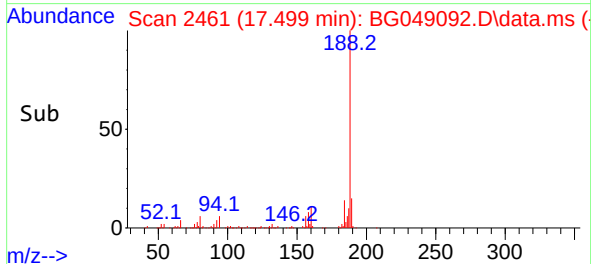
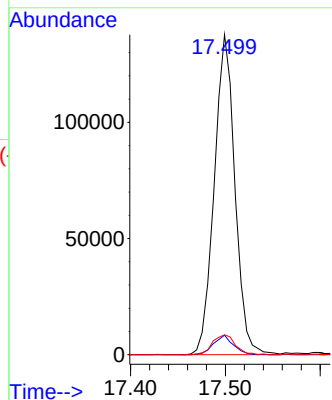
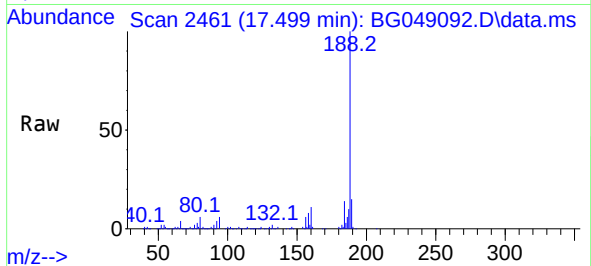




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.499 min Scan# 2461
Delta R.T. -0.001 min
Lab File: BG049092.D
Acq: 25 Jun 2021 15:57

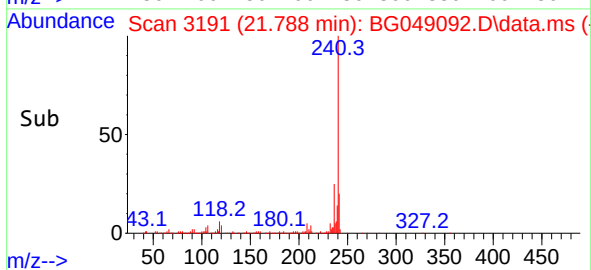
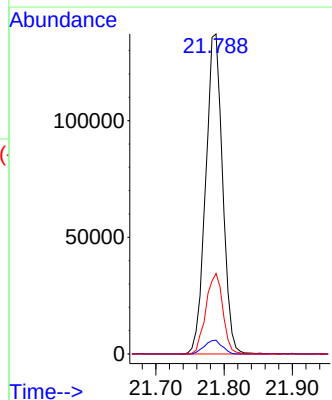
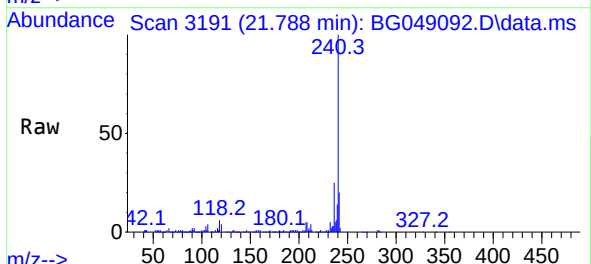
Instrument :
BNA_G
ClientSampled :
ABN-1

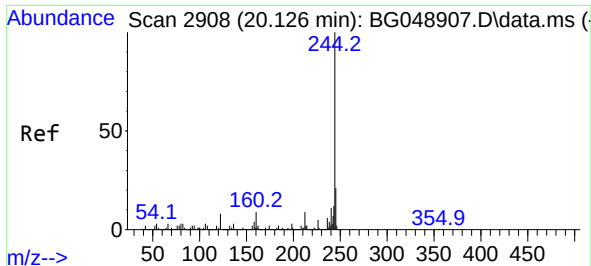
Tgt Ion:188 Resp: 208731
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 6.2 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.788 min Scan# 3191
Delta R.T. -0.001 min
Lab File: BG049092.D
Acq: 25 Jun 2021 15:57

Tgt Ion:240 Resp: 236572
Ion Ratio Lower Upper
240 100
120 4.3 4.2 6.2
236 25.1 21.8 32.6

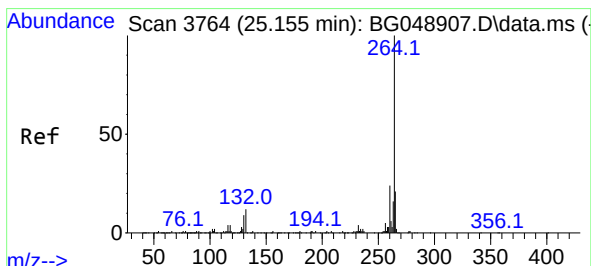
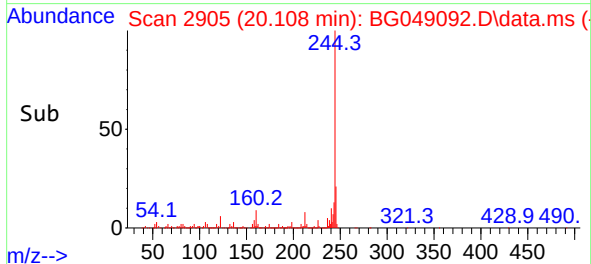
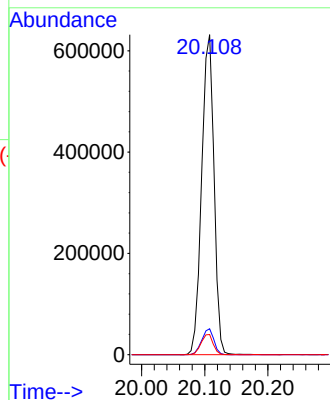
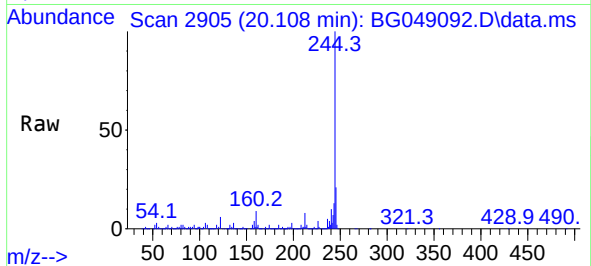




#79
 Terphenyl-d14
 Concen: 66.17 ng
 RT: 20.108 min Scan# 2905
 Delta R.T. 0.005 min
 Lab File: BG049092.D
 Acq: 25 Jun 2021 15:57

Instrument :
 BNA_G
 ClientSampled :
 ABN-1

Tgt Ion:244 Resp: 854742
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 6.3 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.114 min Scan# 3757
 Delta R.T. 0.010 min
 Lab File: BG049092.D
 Acq: 25 Jun 2021 15:57

Tgt Ion:264 Resp: 241625
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 21.8 16.9 25.3

