

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
 Data File : BG049049.D
 Acq On : 22 Jun 2021 17:14
 Operator : CG/JU
 Sample : M2773-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-10

Quant Time: Jun 22 17:55:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

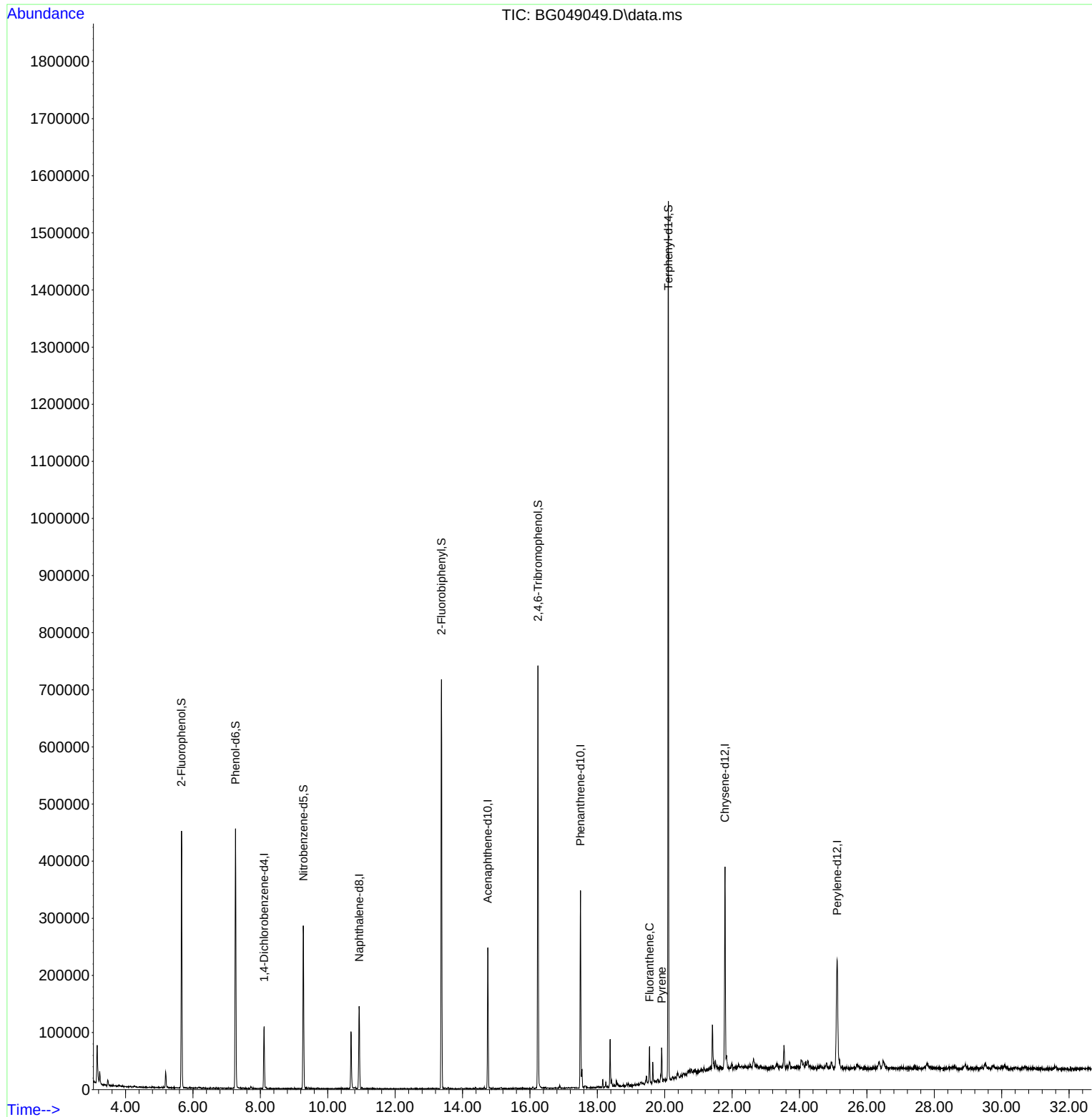
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	28382	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	119761	20.000	ng	# 0.00
39) Acenaphthene-d10	14.750	164	91410	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	223757	20.000	ng	# 0.00
76) Chrysene-d12	21.789	240	219764	20.000	ng	0.00
86) Perylene-d12	25.114	264	226847	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.661	112	176066	96.568	ng	0.00
7) Phenol-d6	7.265	99	233937	85.607	ng	0.00
23) Nitrobenzene-d5	9.274	82	166965	60.116	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	144831	106.942	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	383405	59.252	ng	0.00
79) Terphenyl-d14	20.109	244	744442	62.038	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.550	202	38521	2.537	ng	98
78) Pyrene	19.909	202	39774	2.494	ng	96

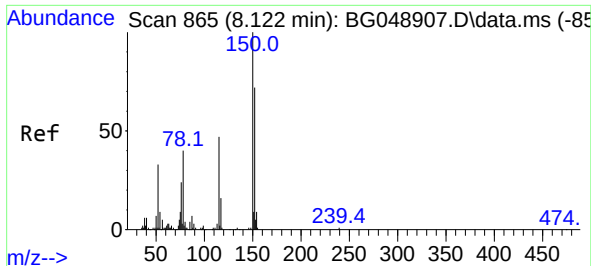
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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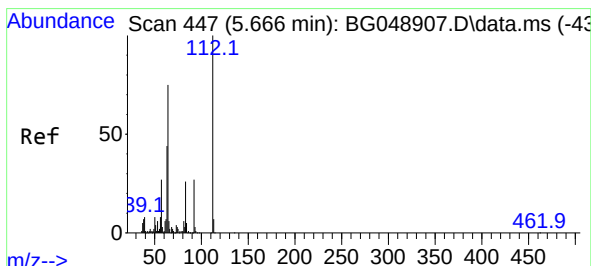
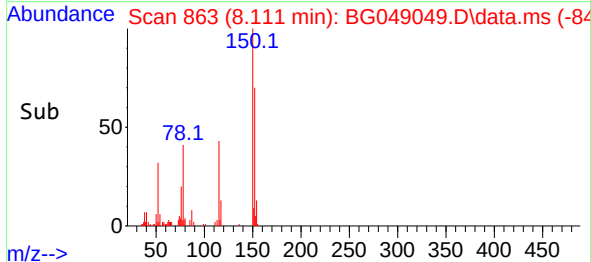
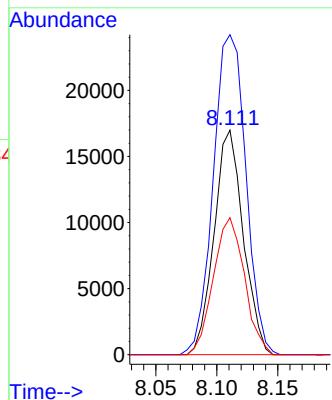
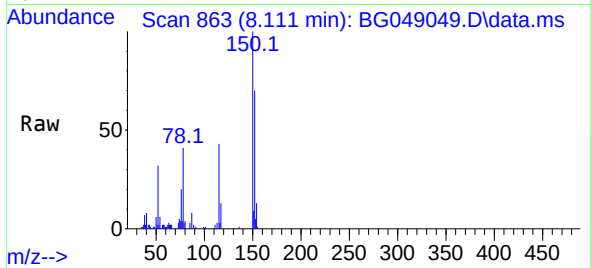




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 863
Delta R.T. -0.003 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

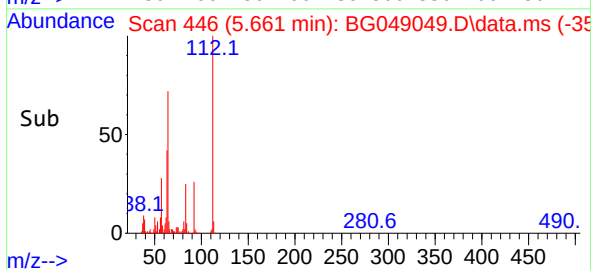
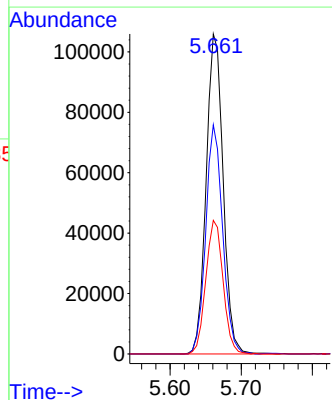
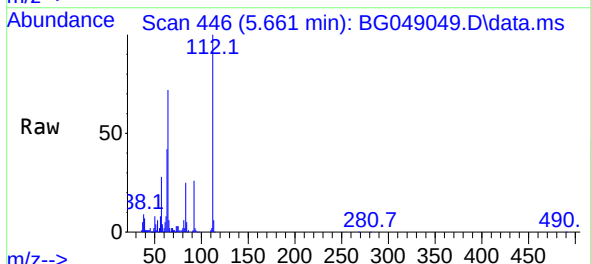
Instrument :
BNA_G
ClientSampleId :
SB-10

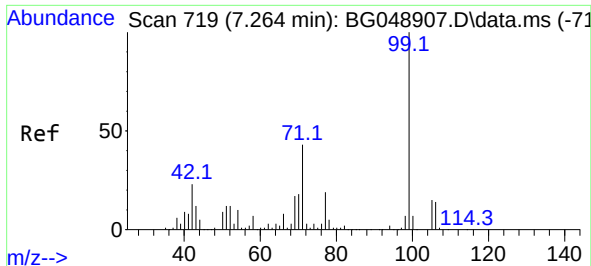
Tgt Ion:152 Resp: 28382
Ion Ratio Lower Upper
152 100
150 142.5 119.4 179.0
115 61.0 60.2 90.4



#5
2-Fluorophenol
Concen: 96.568 ng
RT: 5.661 min Scan# 446
Delta R.T. -0.003 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

Tgt Ion:112 Resp: 176066
Ion Ratio Lower Upper
112 100
64 71.6 46.7 70.1#
63 41.8 35.3 52.9

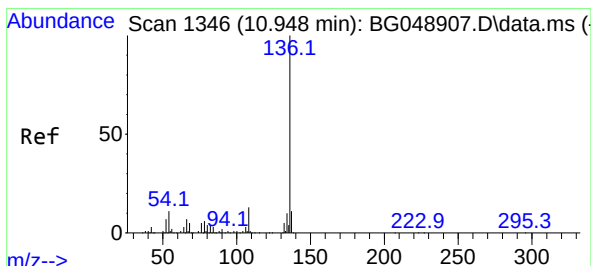
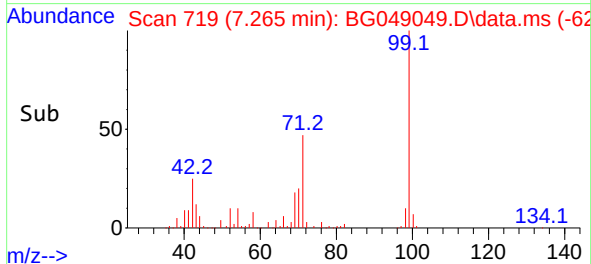
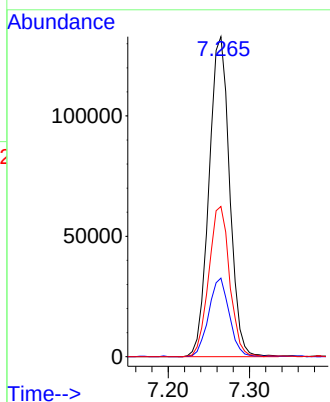
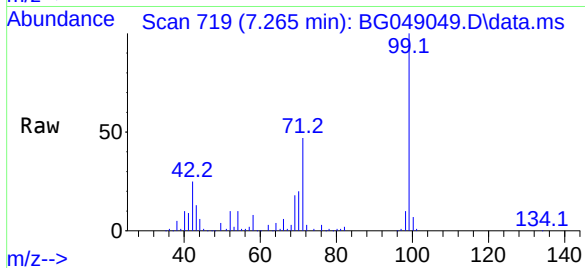




#7
Phenol-d6
Concen: 85.607 ng
RT: 7.265 min Scan# 719
Delta R.T. -0.003 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

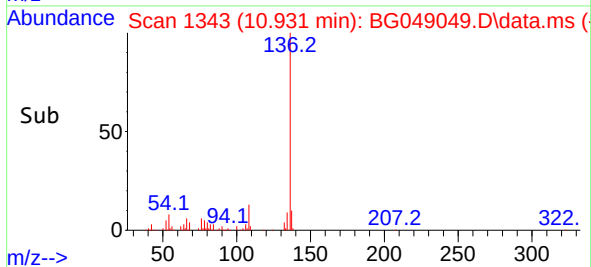
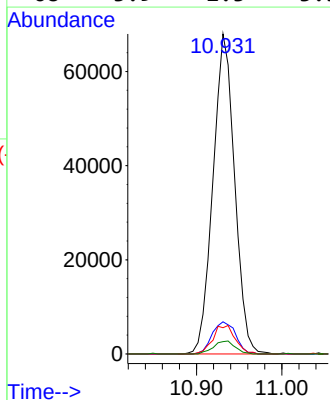
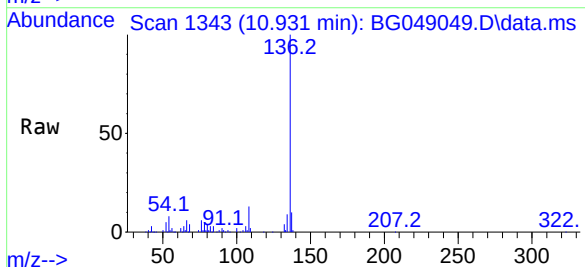
Instrument :
BNA_G
ClientSampleId :
SB-10

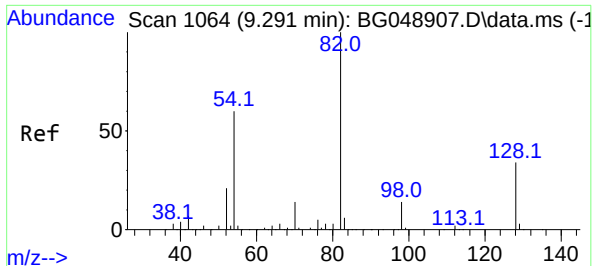
Tgt Ion: 99 Resp: 233937
Ion Ratio Lower Upper
99 100
42 24.5 20.5 30.7
71 46.9 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 1343
Delta R.T. -0.009 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

Tgt Ion:136 Resp: 119761
Ion Ratio Lower Upper
136 100
137 10.0 8.2 12.2
54 8.2 5.5 8.3
68 3.9 2.3 3.5#

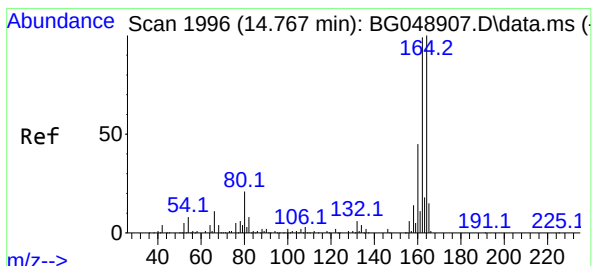
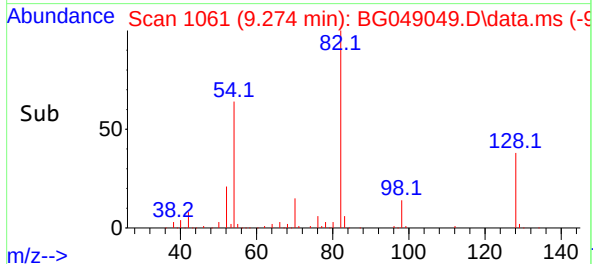
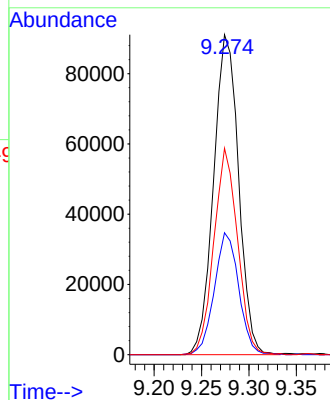
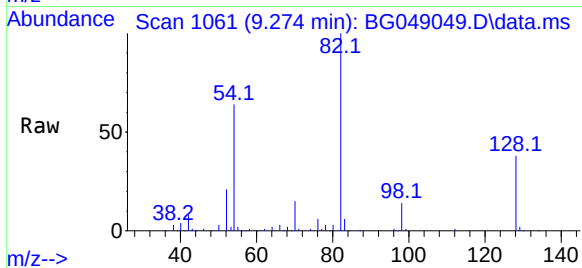




#23
Nitrobenzene-d5
Concen: 60.116 ng
RT: 9.274 min Scan# 1061
Delta R.T. -0.009 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

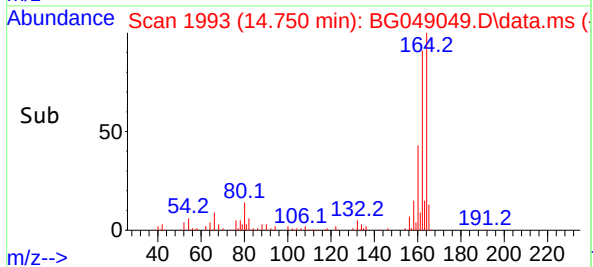
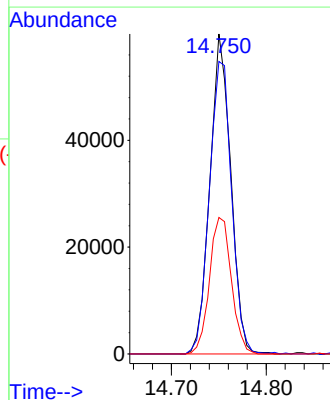
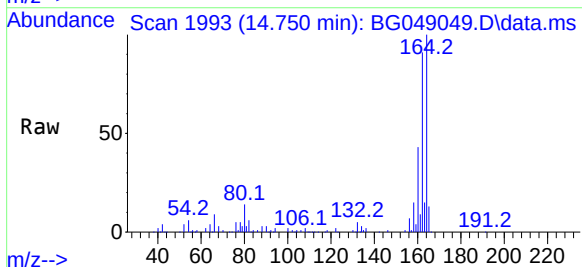
Instrument :
BNA_G
ClientSampleId :
SB-10

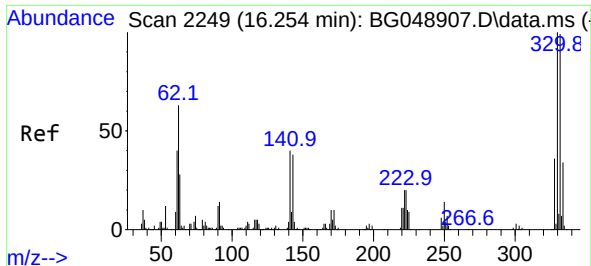
Tgt Ion: 82 Resp: 166965
Ion Ratio Lower Upper
82 100
128 38.1 29.8 44.6
54 64.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.750 min Scan# 1993
Delta R.T. -0.009 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

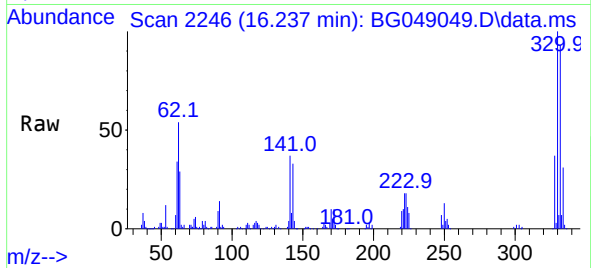
Tgt Ion: 164 Resp: 91410
Ion Ratio Lower Upper
164 100
162 91.4 81.4 122.0
160 42.7 34.9 52.3



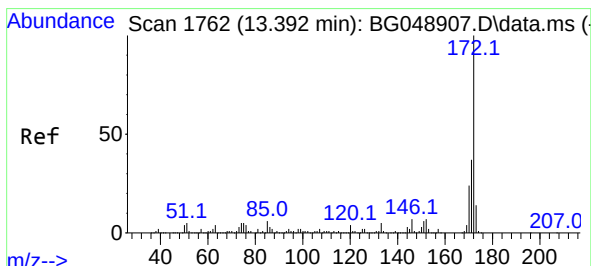
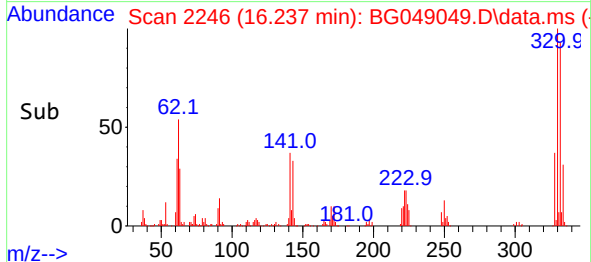
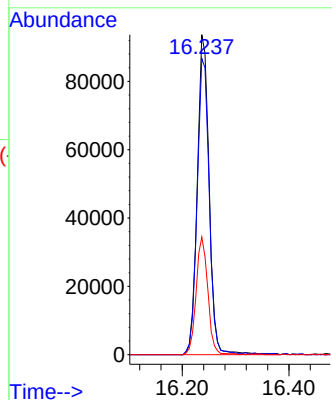


#42
2,4,6-Tribromophenol
Concen: 106.942 ng
RT: 16.237 min Scan# 2246
Delta R.T. -0.009 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

Instrument :
BNA_G
ClientSampleId :
SB-10

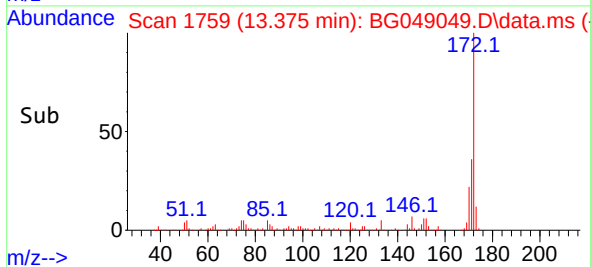
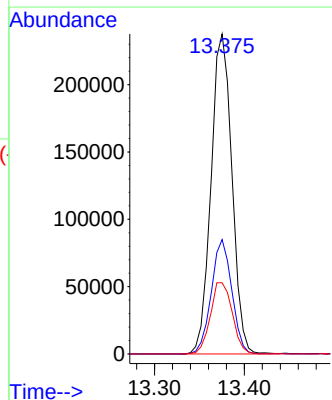
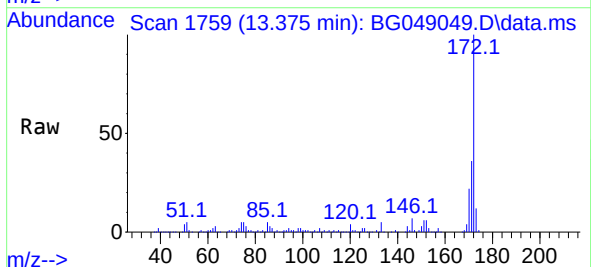


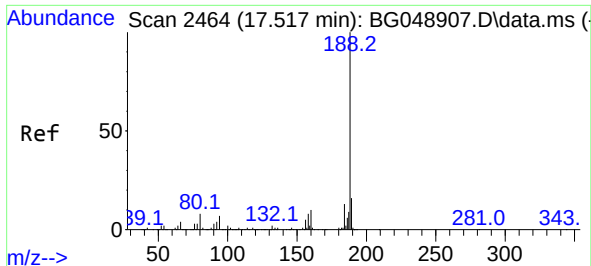
Tgt Ion:330 Resp: 144831
Ion Ratio Lower Upper
330 100
332 93.6 77.3 115.9
141 35.9 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 59.252 ng
RT: 13.375 min Scan# 1759
Delta R.T. -0.009 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

Tgt Ion:172 Resp: 383405
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 22.3 18.6 27.8

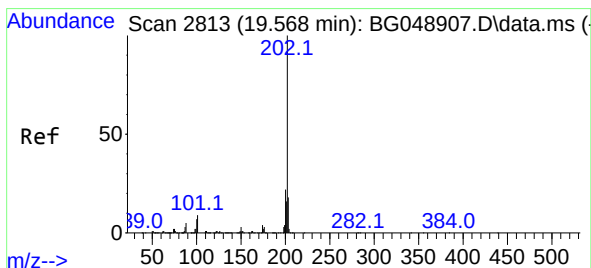
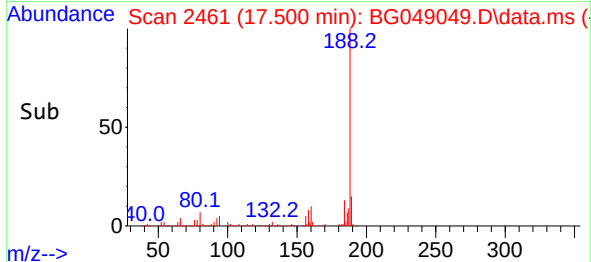
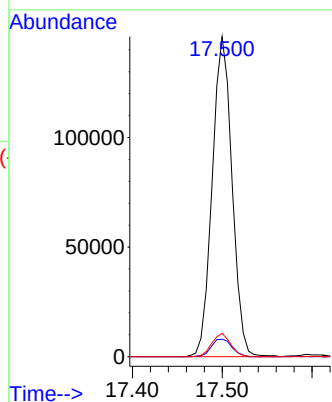
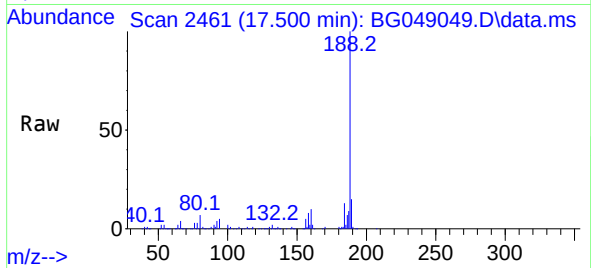




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2461
Delta R.T. -0.009 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

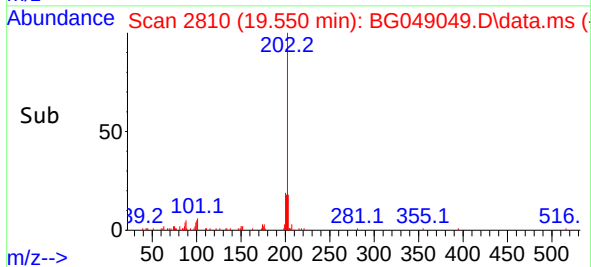
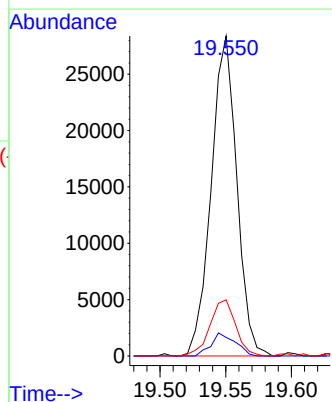
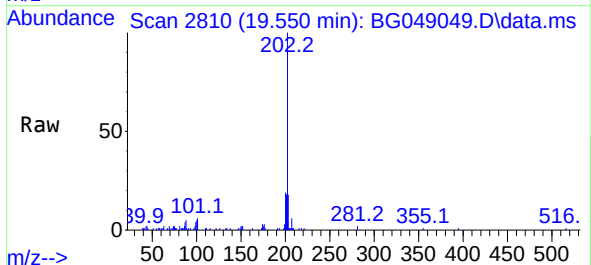
Instrument :
BNA_G
ClientSampleId :
SB-10

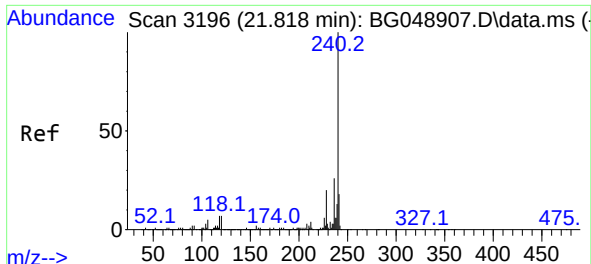
Tgt Ion:188 Resp: 223757
Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0
80 7.3 3.7 5.5#



#75
Fluoranthene
Concen: 2.537 ng
RT: 19.550 min Scan# 2810
Delta R.T. -0.003 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

Tgt Ion:202 Resp: 38521
Ion Ratio Lower Upper
202 100
101 5.8 0.0 24.7
203 17.6 0.0 38.5



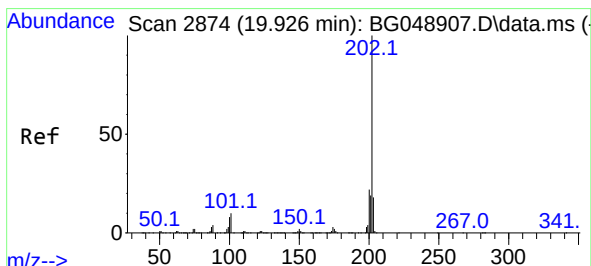
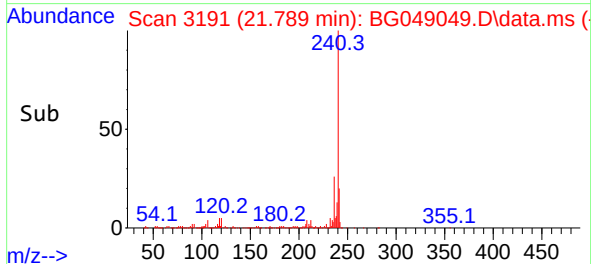
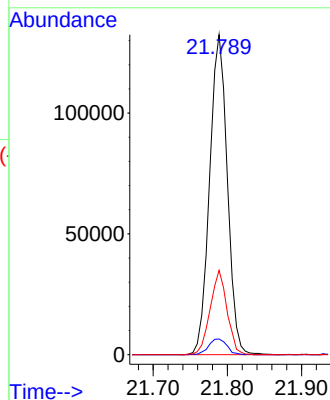
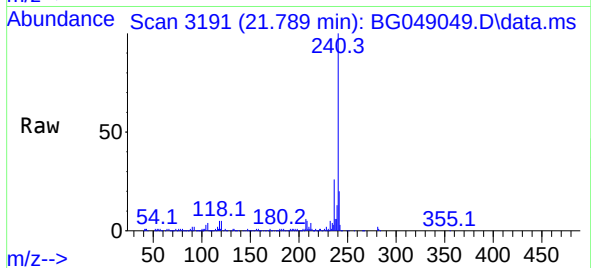


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.789 min Scan# 3191
Delta R.T. -0.009 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

Instrument :
BNA_G
ClientSampleId :
SB-10

Tgt Ion:240 Resp: 219764

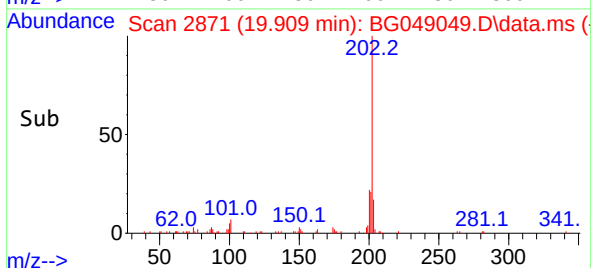
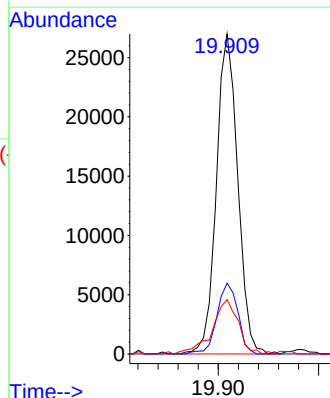
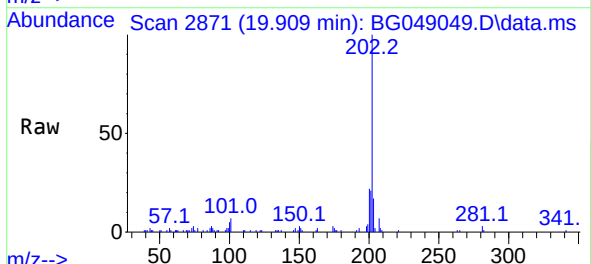
Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.2	6.2
236	26.4	21.8	32.6

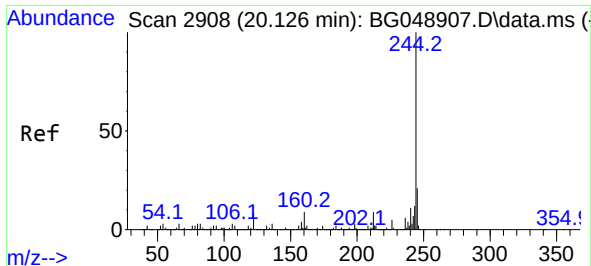


#78
Pyrene
Concen: 2.494 ng
RT: 19.909 min Scan# 2871
Delta R.T. -0.009 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

Tgt Ion:202 Resp: 39774

Ion	Ratio	Lower	Upper
202	100		
200	22.1	15.8	23.8
203	17.0	14.6	21.8

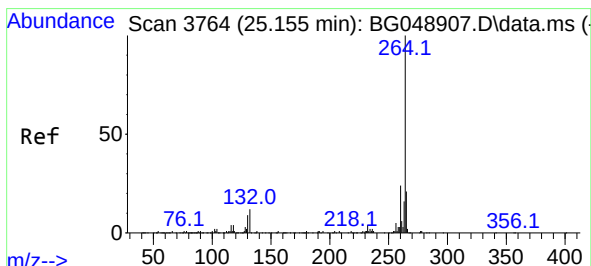
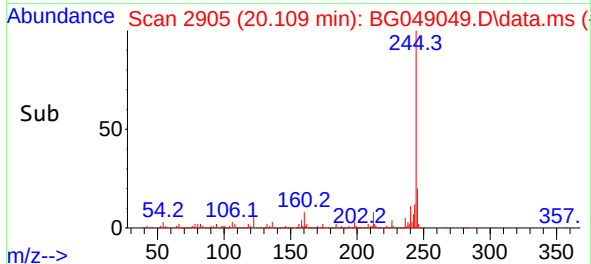
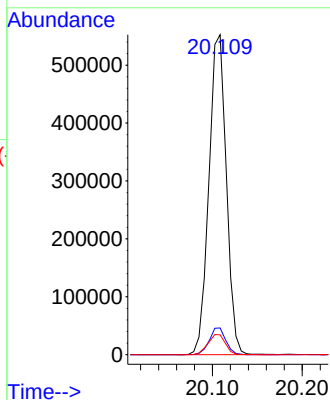
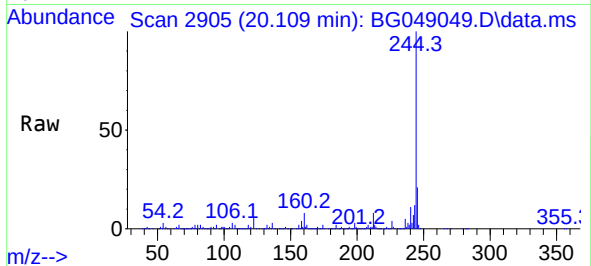




#79
 Terphenyl-d14
 Concen: 62.038 ng
 RT: 20.109 min Scan# 2905
 Delta R.T. -0.003 min
 Lab File: BG049049.D
 Acq: 22 Jun 2021 17:14

Instrument :
 BNA_G
 ClientSampled :
 SB-10

Tgt Ion:244 Resp: 744442
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 6.2 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.114 min Scan# 3757
 Delta R.T. -0.014 min
 Lab File: BG049049.D
 Acq: 22 Jun 2021 17:14

Tgt Ion:264 Resp: 226847
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.9 16.9 25.3

