

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
 Data File : BG049850.D
 Acq On : 16 Aug 2021 14:35
 Operator : CG/JU
 Sample : M3404-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP3-1-6FT

Quant Time: Aug 16 15:37:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:15:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.027	152	27184	20.000	ng	-0.01
21) Naphthalene-d8	10.847	136	108928	20.000	ng	-0.02
39) Acenaphthene-d10	14.683	164	75017	20.000	ng	-0.01
64) Phenanthrene-d10	17.438	188	166390	20.000	ng	# 0.00
76) Chrysene-d12	21.714	240	158113	20.000	ng	-0.01
86) Perylene-d12	24.992	264	167946	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.583	112	167069	110.171	ng	0.00
7) Phenol-d6	7.193	99	226326	98.595	ng	0.00
23) Nitrobenzene-d5	9.202	82	161331	65.539	ng	-0.01
42) 2,4,6-Tribromophenol	16.181	330	123408	111.919	ng	0.00
45) 2-Fluorobiphenyl	13.302	172	327272	63.480	ng	-0.01
79) Terphenyl-d14	20.046	244	522006	59.961	ng	0.00

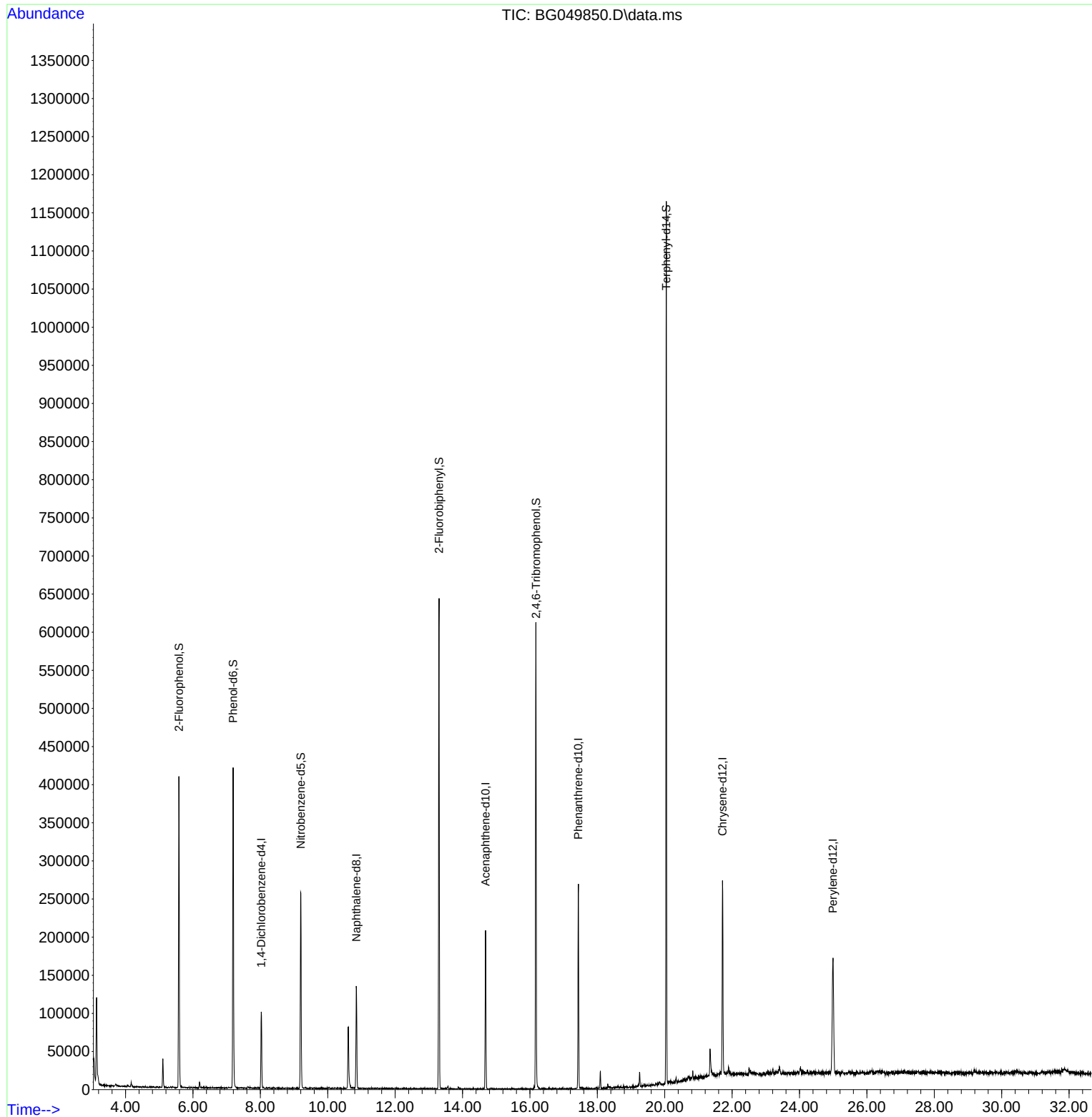
Target Compounds	Qvalue

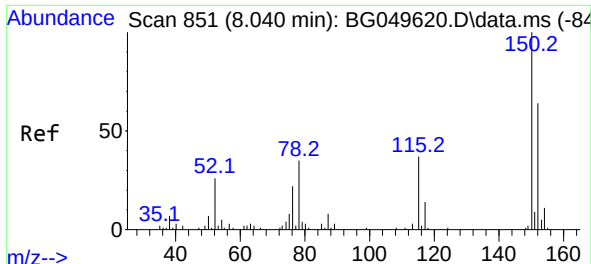
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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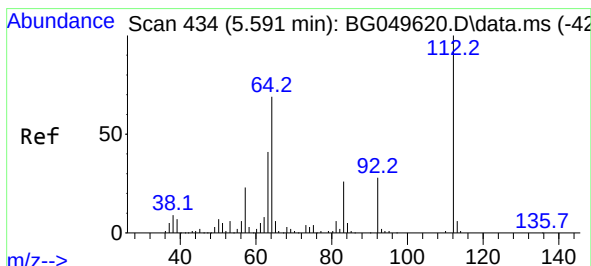
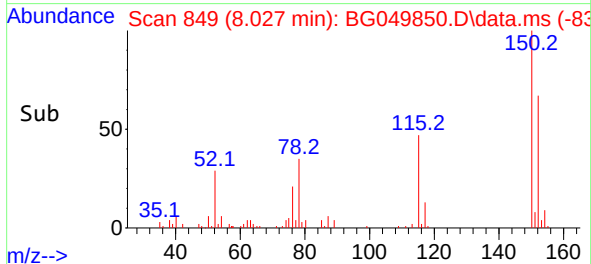
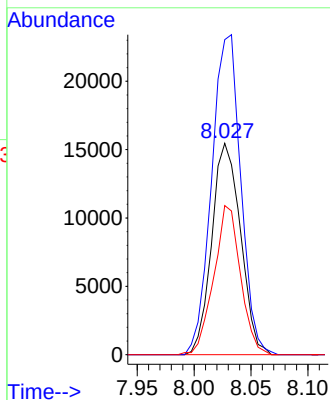
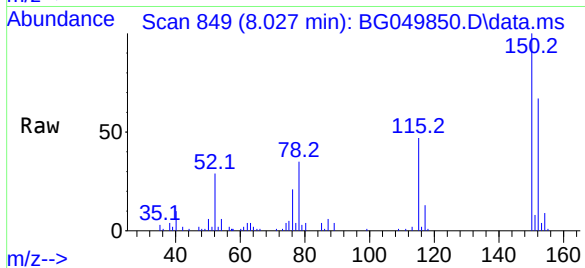




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.027 min Scan# 849
Delta R.T. -0.013 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

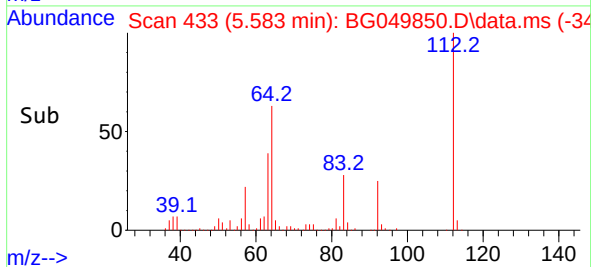
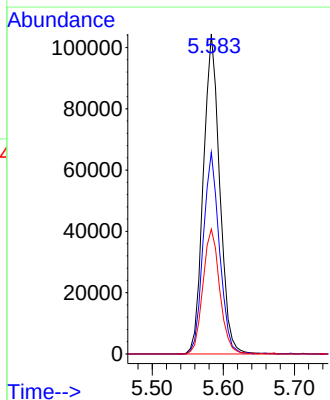
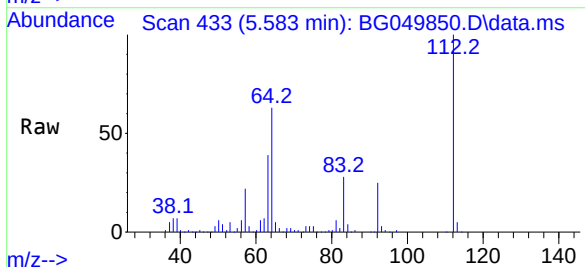
Instrument :
BNA_G
ClientSampleId :
TP3-1-6FT

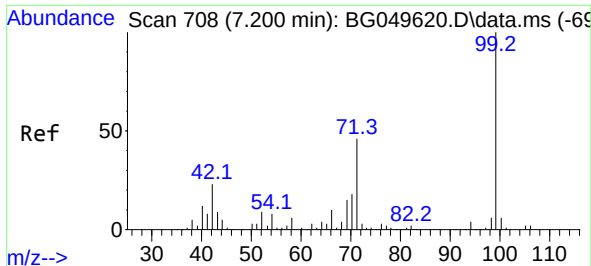
Tgt Ion:152 Resp: 27184
Ion Ratio Lower Upper
152 100
150 149.0 119.4 179.0
115 70.5 60.2 90.4



#5
2-Fluorophenol
Concen: 110.171 ng
RT: 5.583 min Scan# 433
Delta R.T. -0.008 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

Tgt Ion:112 Resp: 167069
Ion Ratio Lower Upper
112 100
64 63.0 46.7 70.1
63 39.0 35.3 52.9

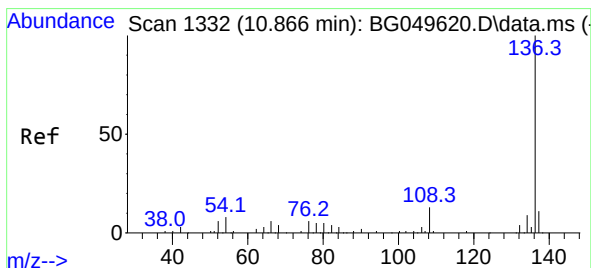
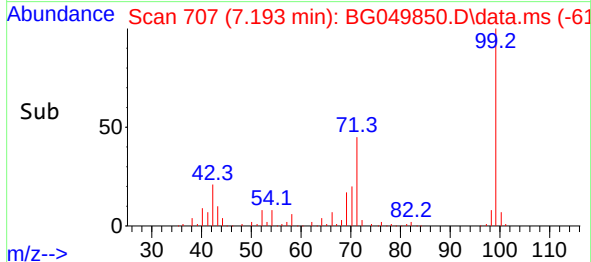
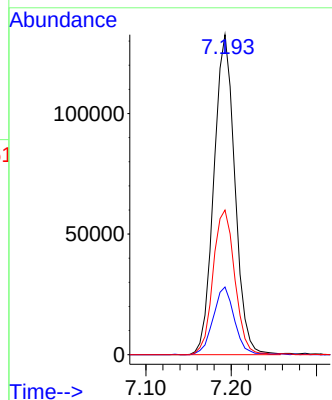
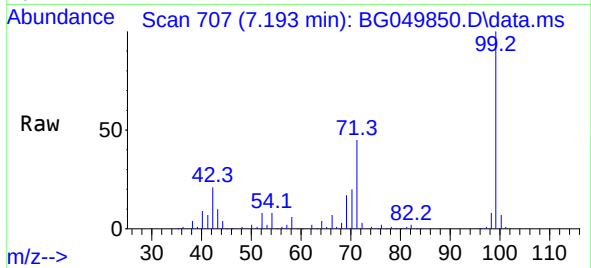




#7
Phenol-d6
Concen: 98.595 ng
RT: 7.193 min Scan# 707
Delta R.T. -0.007 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

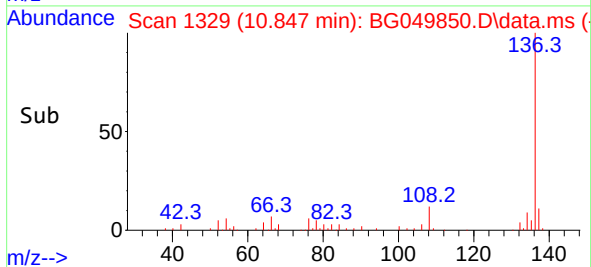
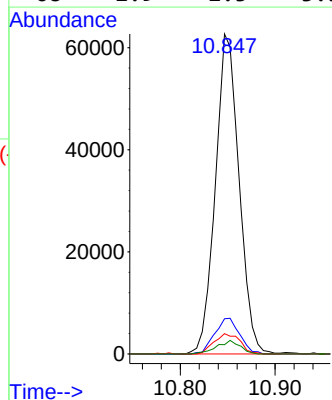
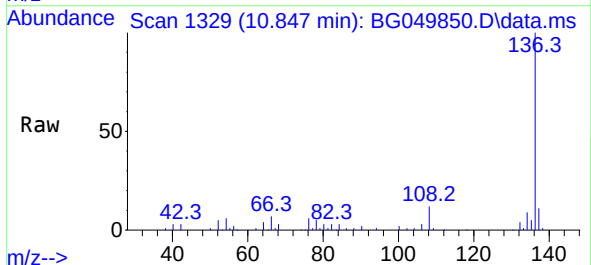
Instrument :
BNA_G
ClientSampleId :
TP3-1-6FT

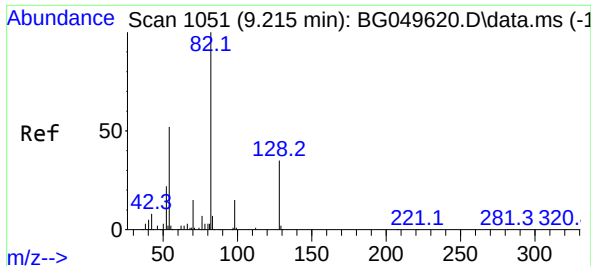
Tgt Ion: 99 Resp: 226326
Ion Ratio Lower Upper
99 100
42 21.2 20.5 30.7
71 45.2 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.847 min Scan# 1329
Delta R.T. -0.019 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

Tgt Ion: 136 Resp: 108928
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.2
54 6.4 5.5 8.3
68 2.9 2.3 3.5

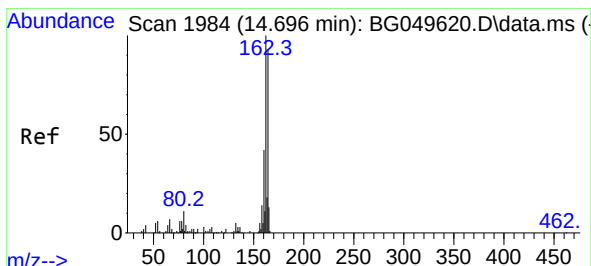
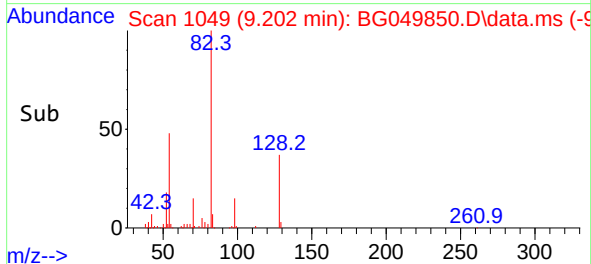
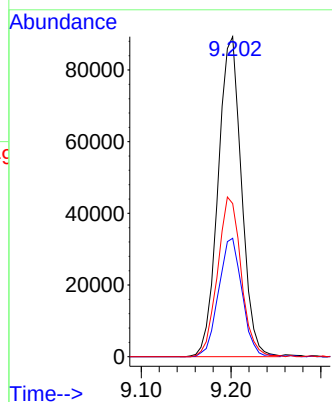
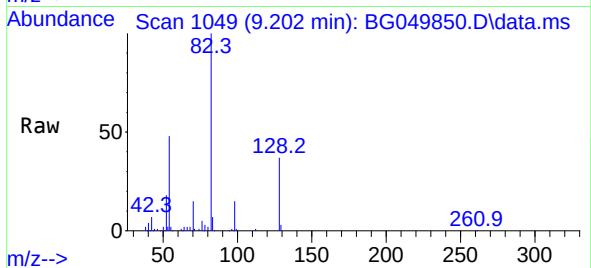




#23
Nitrobenzene-d5
Concen: 65.539 ng
RT: 9.202 min Scan# 1049
Delta R.T. -0.013 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

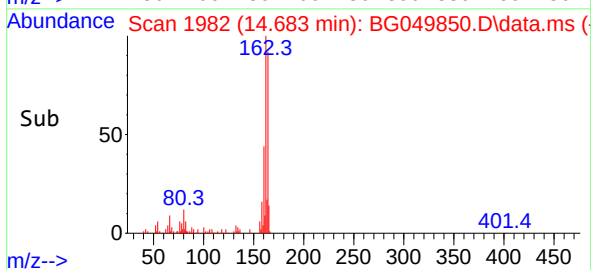
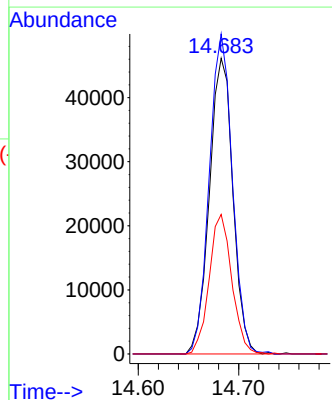
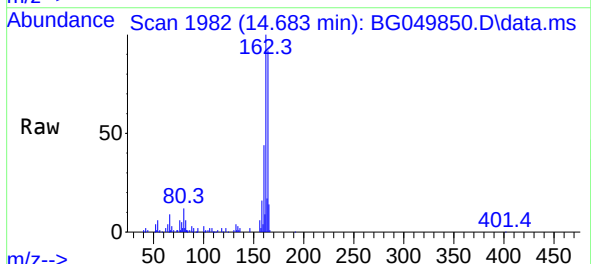
Instrument :
BNA_G
ClientSampleId :
TP3-1-6FT

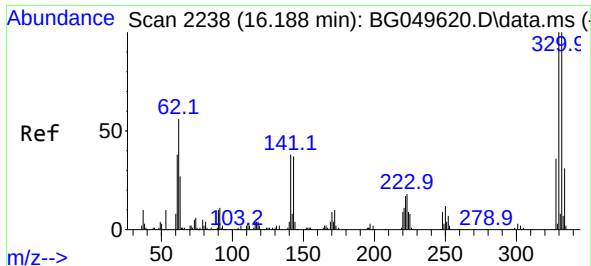
Tgt Ion: 82 Resp: 161331
Ion Ratio Lower Upper
82 100
128 37.0 29.8 44.6
54 47.9 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.683 min Scan# 1982
Delta R.T. -0.013 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

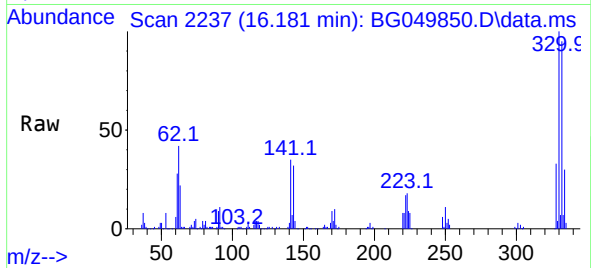
Tgt Ion:164 Resp: 75017
Ion Ratio Lower Upper
164 100
162 108.2 81.4 122.0
160 47.2 34.9 52.3



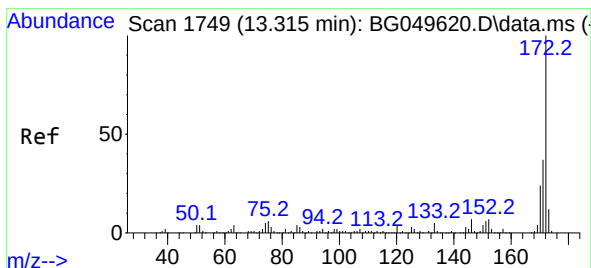
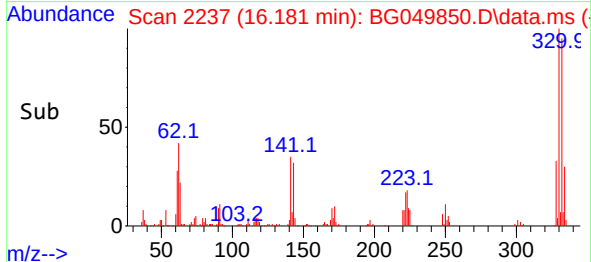
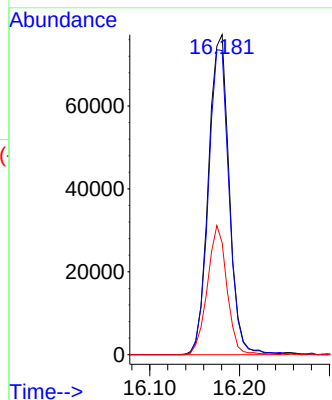


#42
2,4,6-Tribromophenol
Concen: 111.919 ng
RT: 16.181 min Scan# 2237
Delta R.T. -0.008 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

Instrument :
BNA_G
ClientSampleId :
TP3-1-6FT

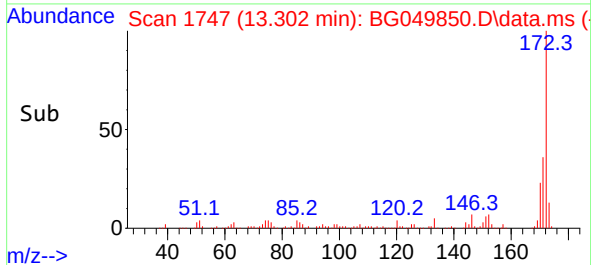
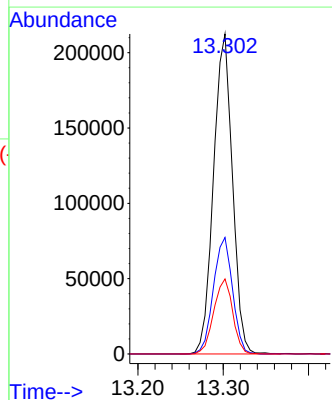
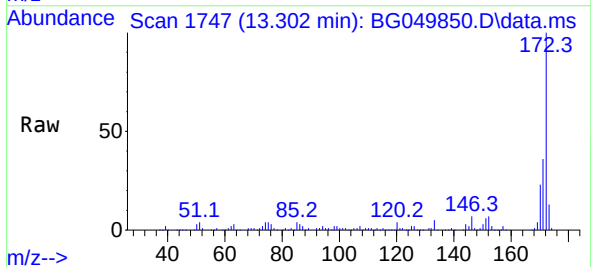


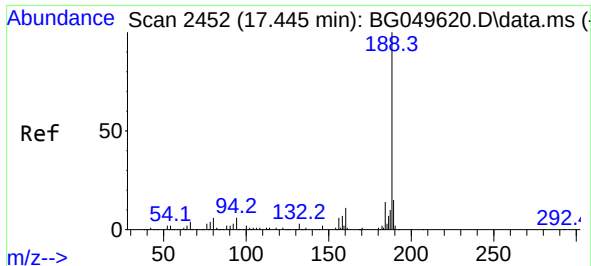
Tgt Ion:330 Resp: 123408
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 38.1 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 63.480 ng
RT: 13.302 min Scan# 1747
Delta R.T. -0.013 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

Tgt Ion:172 Resp: 327272
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 23.5 18.6 27.8

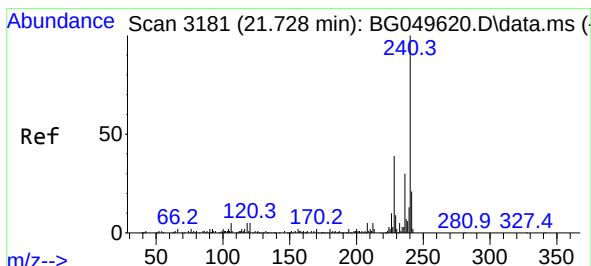
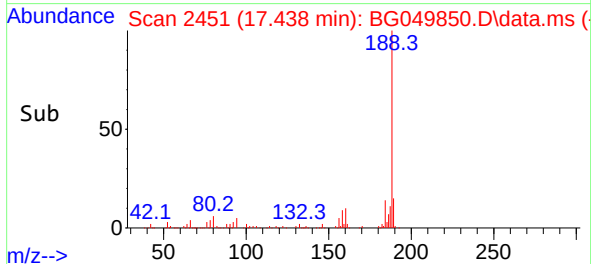
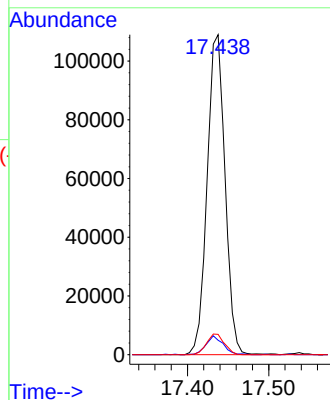
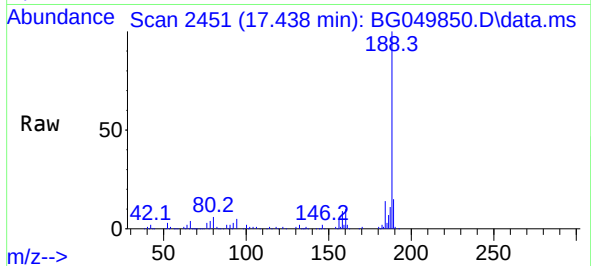




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.438 min Scan# 2451
Delta R.T. -0.008 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

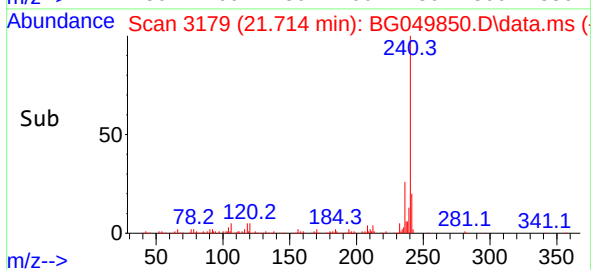
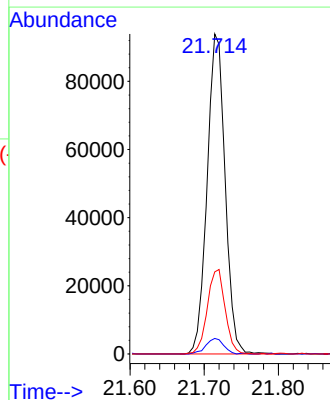
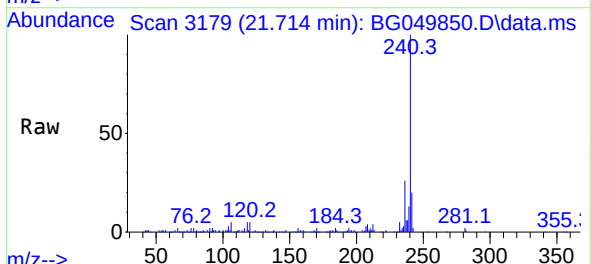
Instrument :
BNA_G
ClientSampleId :
TP3-1-6FT

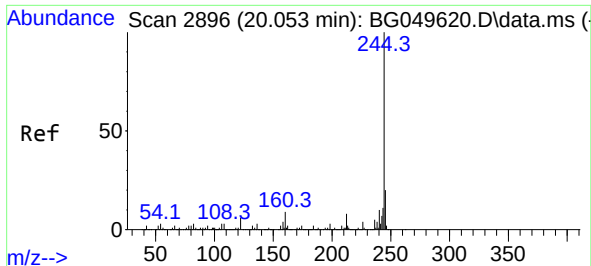
Tgt Ion:188 Resp: 166390
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0#
80 6.3 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.714 min Scan# 3179
Delta R.T. -0.013 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

Tgt Ion:240 Resp: 158113
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 25.7 21.8 32.6



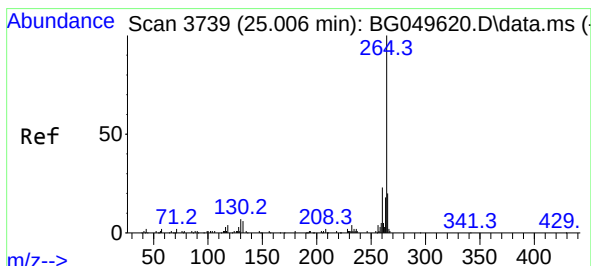
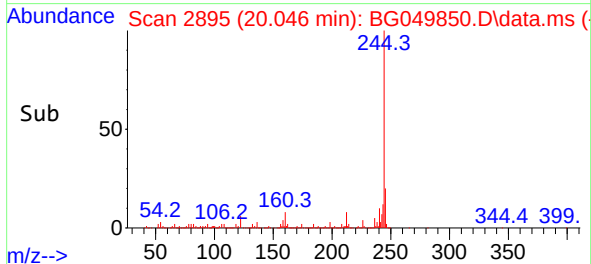
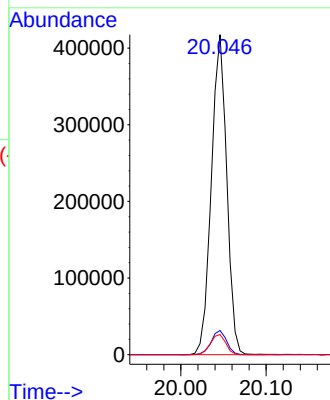
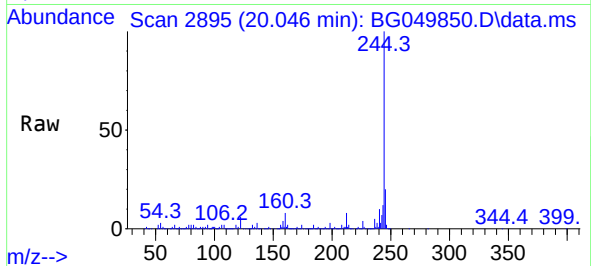


#79
Terphenyl-d14
Concen: 59.961 ng
RT: 20.046 min Scan# 2895
Delta R.T. -0.008 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

Instrument :
BNA_G
ClientSampleId :
TP3-1-6FT

Tgt Ion:244 Resp: 522006

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.9	10.3
122	6.3	5.0	7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.992 min Scan# 3737
Delta R.T. -0.013 min
Lab File: BG049850.D
Acq: 16 Aug 2021 14:35

Tgt Ion:264 Resp: 167946

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.4	29.2
265	20.6	16.9	25.3

