

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082521\
 Data File : BG049973.D
 Acq On : 25 Aug 2021 18:17
 Operator : CG/JU
 Sample : M3528-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-3-082421

Quant Time: Aug 26 01:02:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 16:13:24 2021
 Response via : Initial Calibration

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

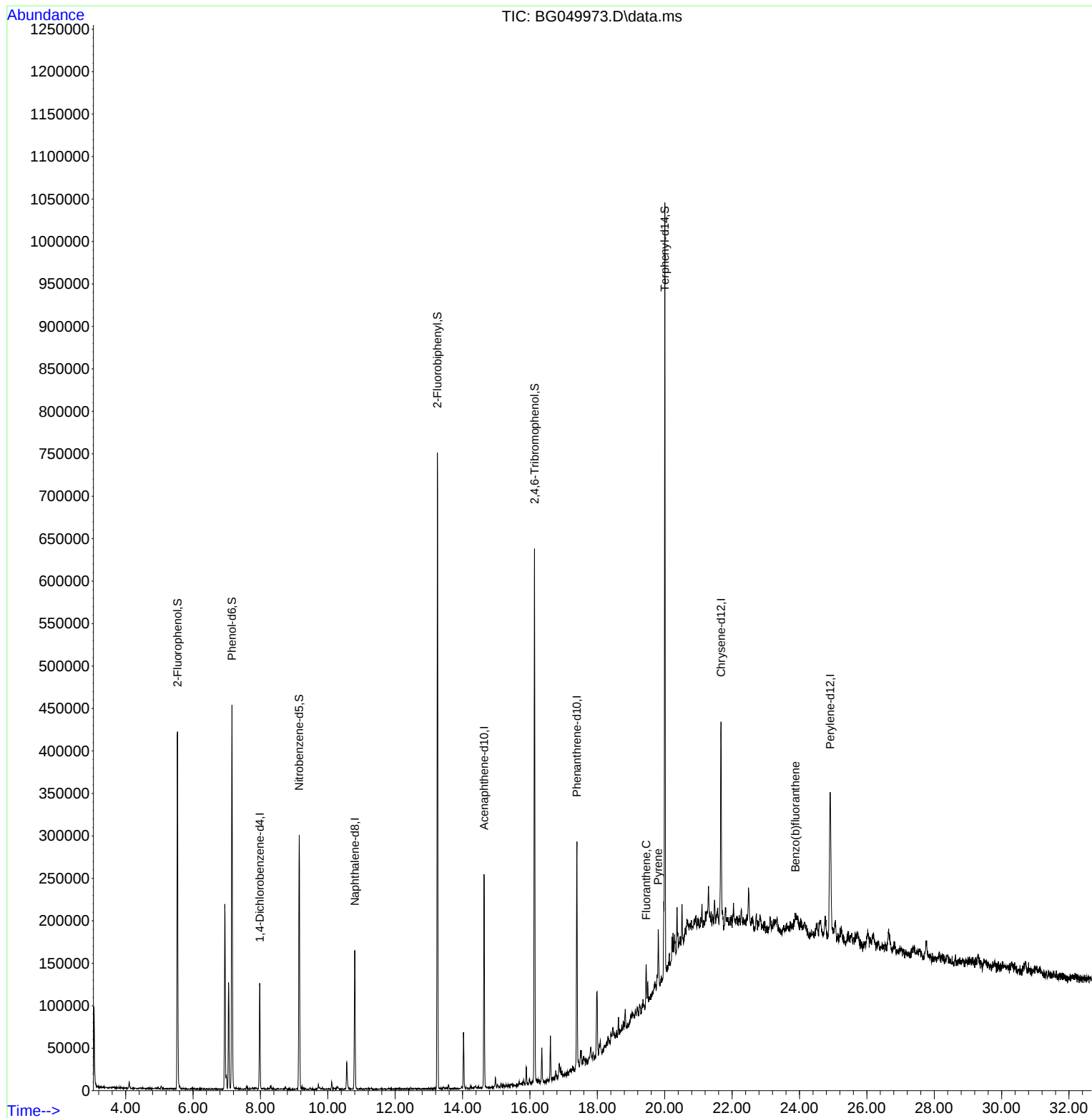
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.983	152	33812	20.000	ng	# 0.00
21) Naphthalene-d8	10.803	136	139835	20.000	ng	# 0.00
39) Acenaphthene-d10	14.639	164	88670	20.000	ng	0.00
64) Phenanthrene-d10	17.394	188	159806	20.000	ng	# 0.00
76) Chrysene-d12	21.671	240	133397	20.000	ng	0.00
86) Perylene-d12	24.913	264	141721	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	180989	95.955	ng	0.00
7) Phenol-d6	7.155	99	249133	87.256	ng	0.00
23) Nitrobenzene-d5	9.152	82	183640	58.113	ng	0.00
42) 2,4,6-Tribromophenol	16.137	330	116133	89.105	ng	0.00
45) 2-Fluorobiphenyl	13.253	172	382994	62.849	ng	0.00
79) Terphenyl-d14	20.002	244	415207	56.531	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.450	202	26679	2.579	ng	98
78) Pyrene	19.808	202	33020	3.631	ng	97
88) Benzo(b)fluoranthene	23.879	252	20960	2.255	ng	# 76

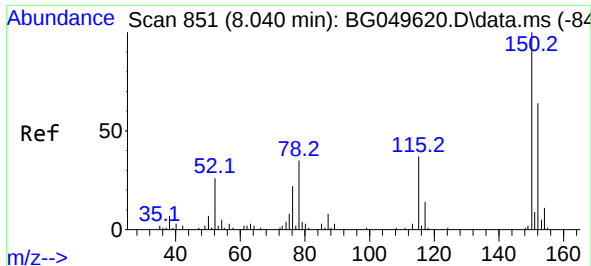
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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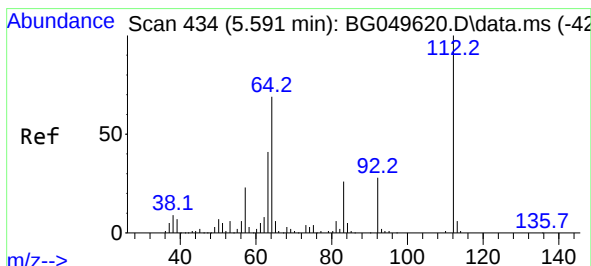
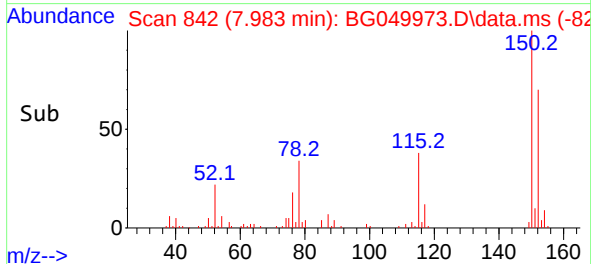
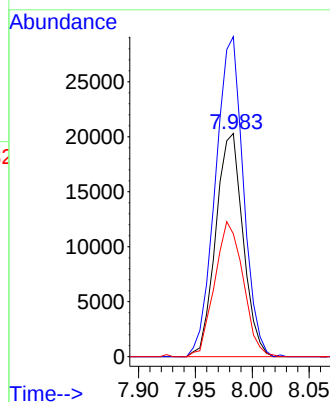
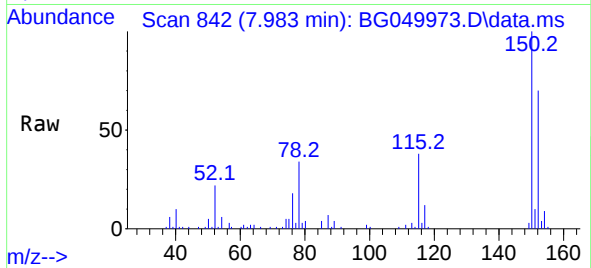




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.983 min Scan# 842
Delta R.T. -0.003 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

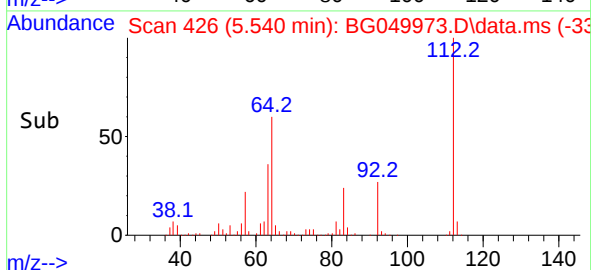
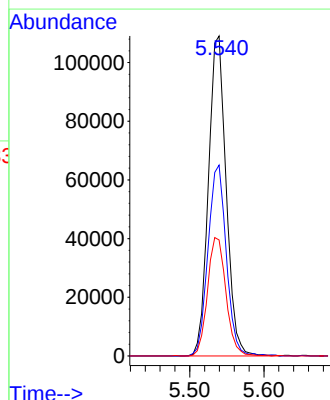
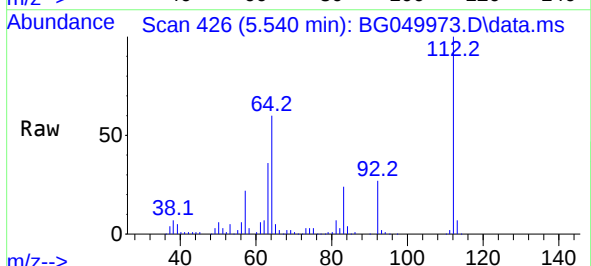
Instrument :
BNA_G
ClientSampleId :
PT-3-082421

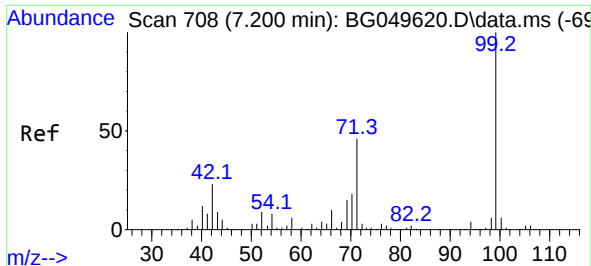
Tgt Ion:152 Resp: 33812
Ion Ratio Lower Upper
152 100
150 143.4 119.4 179.0
115 55.1 60.2 90.4#



#5
2-Fluorophenol
Concen: 95.955 ng
RT: 5.540 min Scan# 426
Delta R.T. 0.003 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

Tgt Ion:112 Resp: 180989
Ion Ratio Lower Upper
112 100
64 59.6 46.7 70.1
63 36.3 35.3 52.9

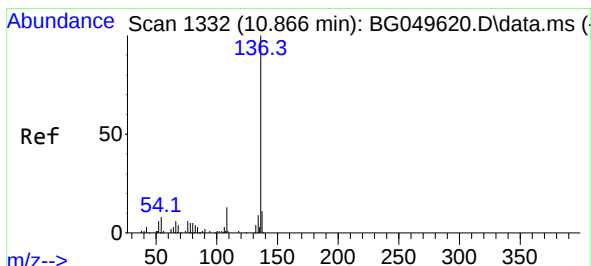
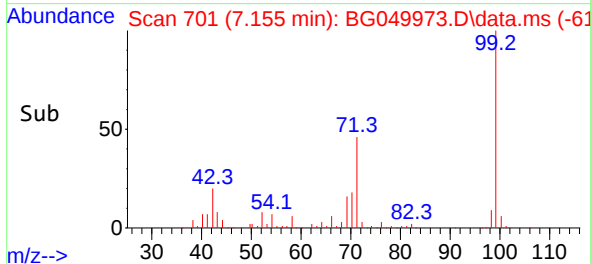
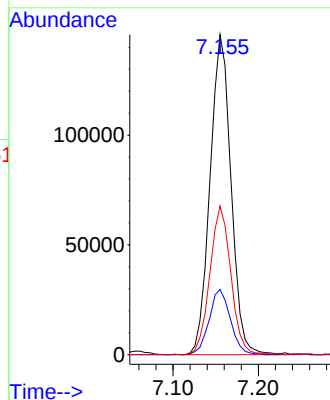
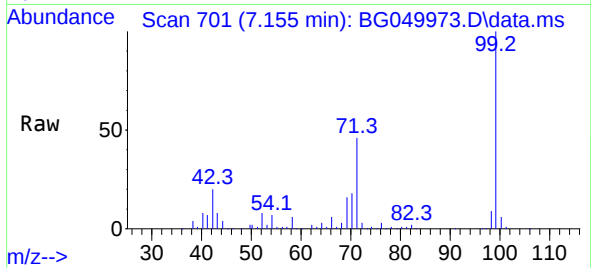




#7
Phenol-d6
Concen: 87.256 ng
RT: 7.155 min Scan# 701
Delta R.T. -0.003 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

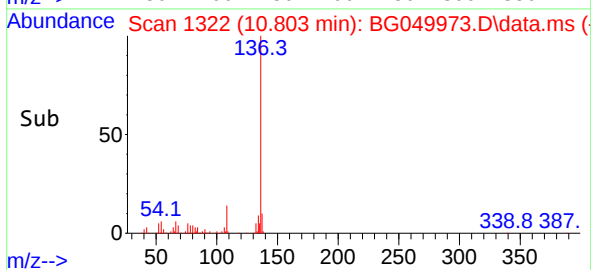
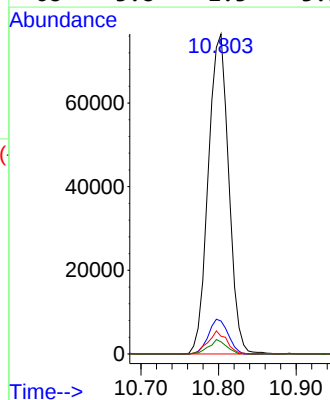
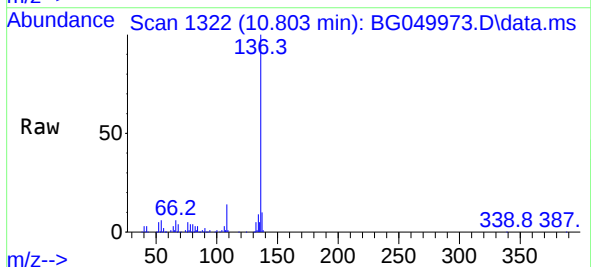
Instrument :
BNA_G
ClientSampleId :
PT-3-082421

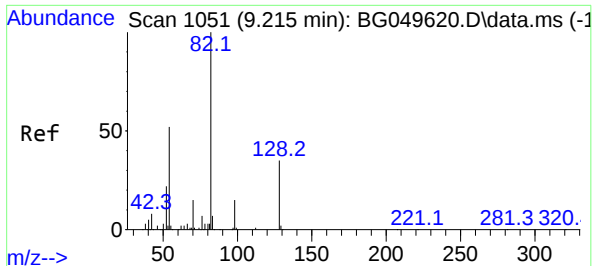
Tgt Ion: 99 Resp: 249133
Ion Ratio Lower Upper
99 100
42 20.4 20.5 30.7#
71 46.4 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.803 min Scan# 1322
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

Tgt Ion: 136 Resp: 139835
Ion Ratio Lower Upper
136 100
137 10.3 8.2 12.2
54 5.6 5.5 8.3
68 3.8 2.3 3.5#

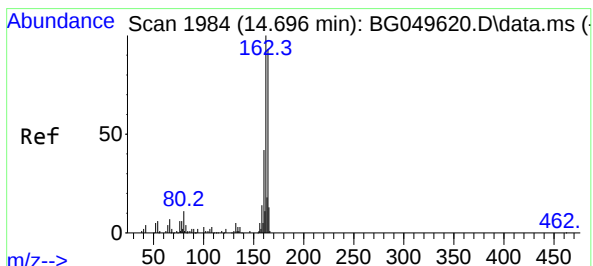
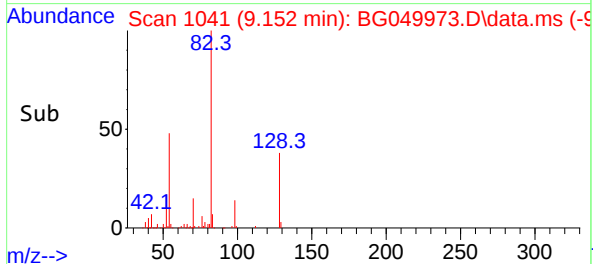
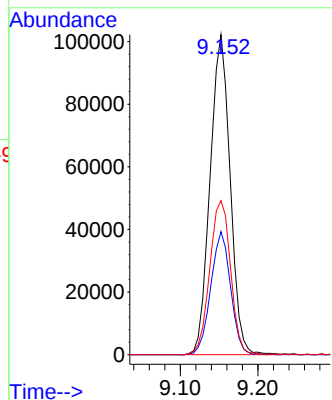
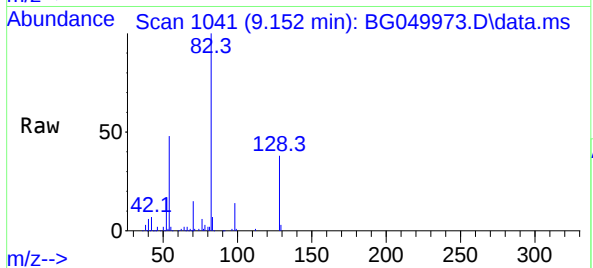




#23
Nitrobenzene-d5
Concen: 58.113 ng
RT: 9.152 min Scan# 1041
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

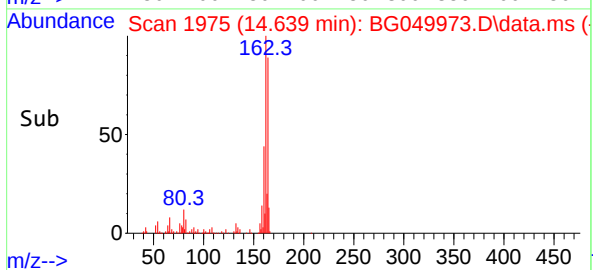
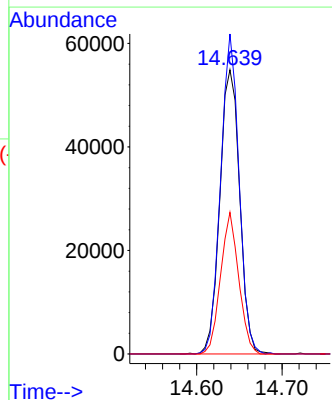
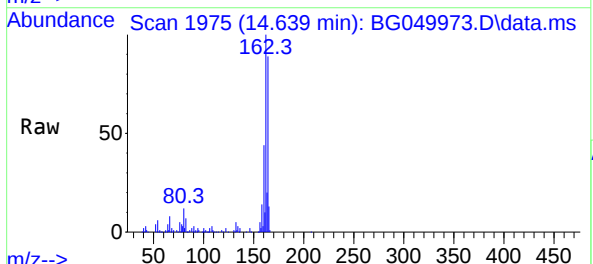
Instrument :
BNA_G
ClientSampleId :
PT-3-082421

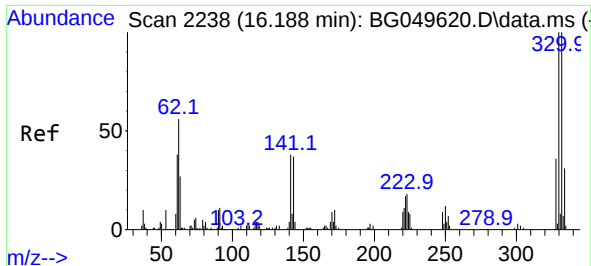
Tgt Ion: 82 Resp: 183640
Ion Ratio Lower Upper
82 100
128 38.5 29.8 44.6
54 48.2 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1975
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

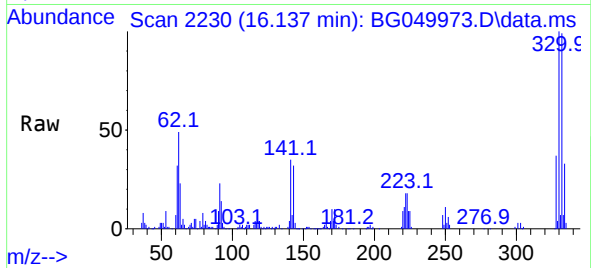
Tgt Ion:164 Resp: 88670
Ion Ratio Lower Upper
164 100
162 112.6 81.4 122.0
160 49.8 34.9 52.3



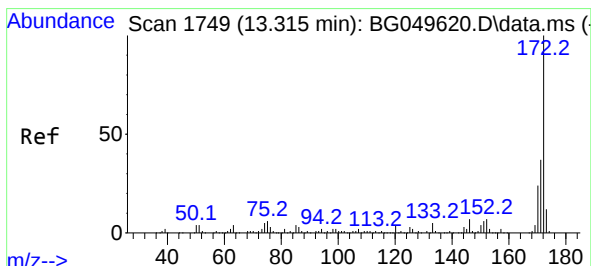
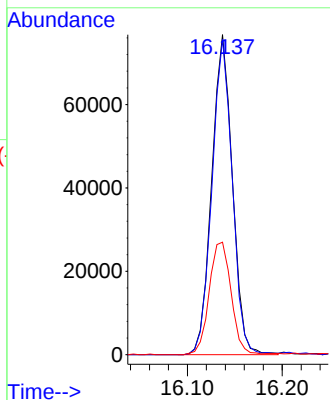
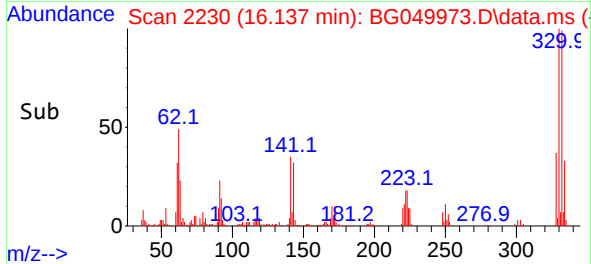


#42
2,4,6-Tribromophenol
Concen: 89.105 ng
RT: 16.137 min Scan# 2230
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

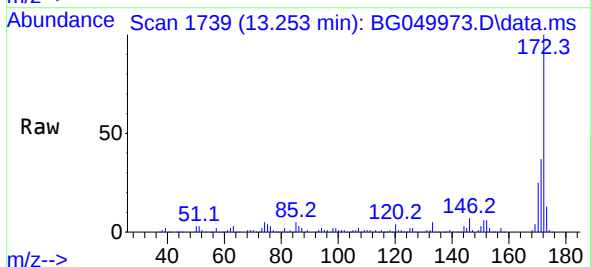
Instrument :
BNA_G
ClientSampleId :
PT-3-082421



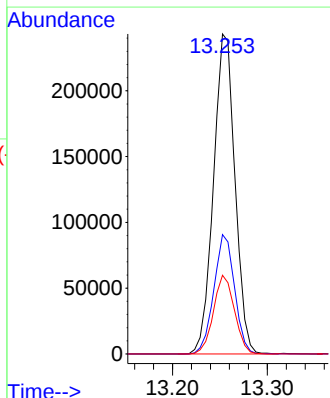
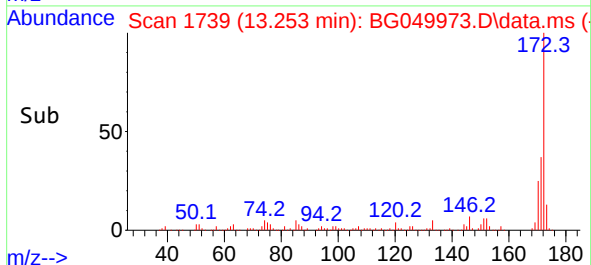
Tgt Ion:330 Resp: 116133
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 37.4 35.6 53.4

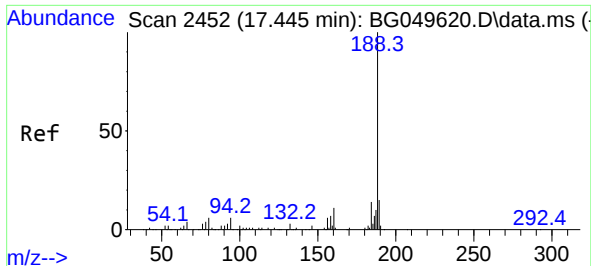


#45
2-Fluorobiphenyl
Concen: 62.849 ng
RT: 13.253 min Scan# 1739
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17



Tgt Ion:172 Resp: 382994
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 24.6 18.6 27.8

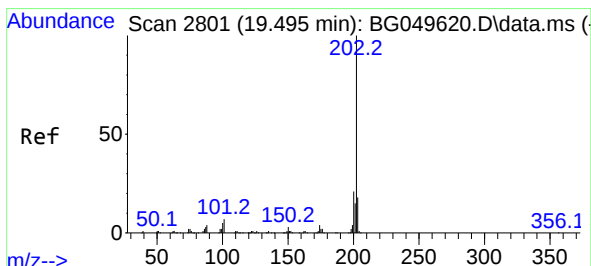
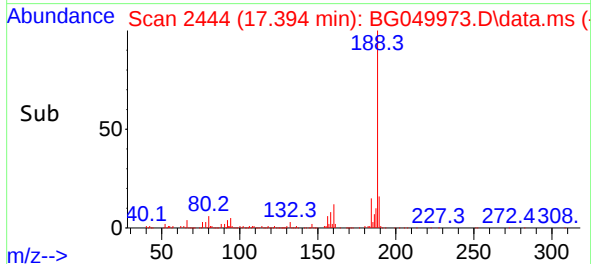
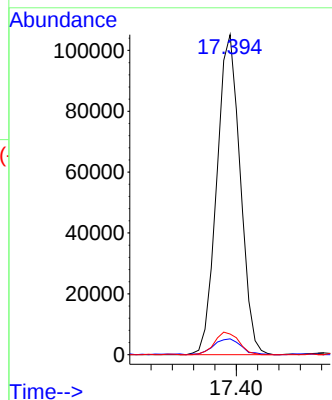
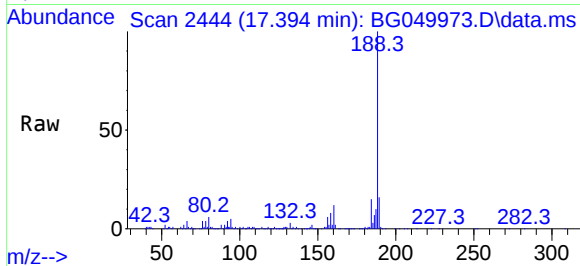




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.394 min Scan# 2444
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

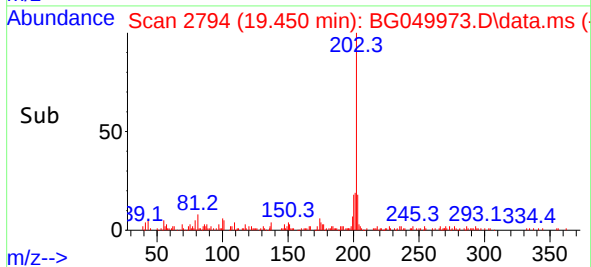
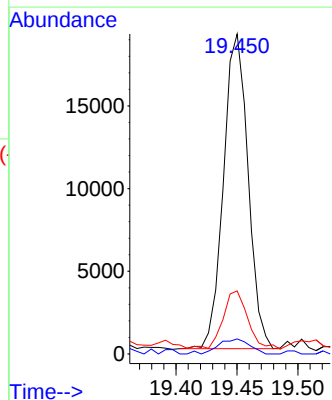
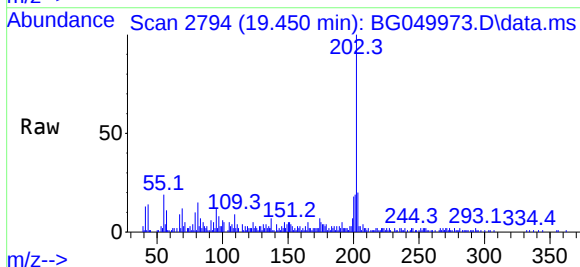
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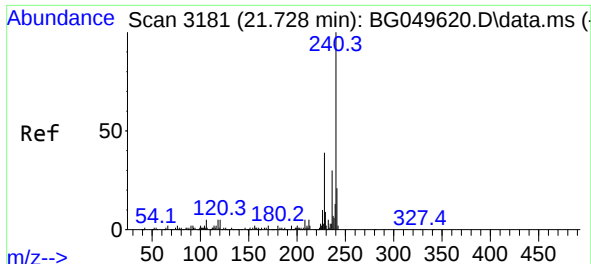
Tgt Ion:188 Resp: 159806
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 6.4 3.7 5.5#



#75
Fluoranthene
Concen: 2.579 ng
RT: 19.450 min Scan# 2794
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

Tgt Ion:202 Resp: 26679
Ion Ratio Lower Upper
202 100
101 4.7 0.0 24.7
203 19.7 0.0 38.5

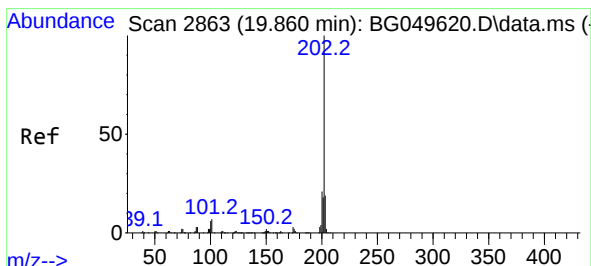
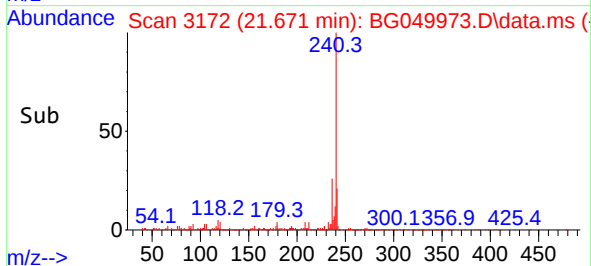
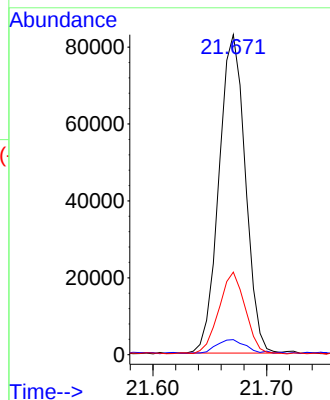
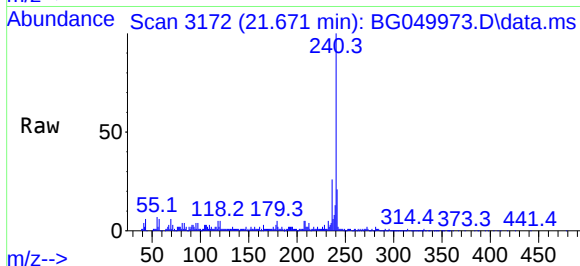




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.671 min Scan# 3172
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

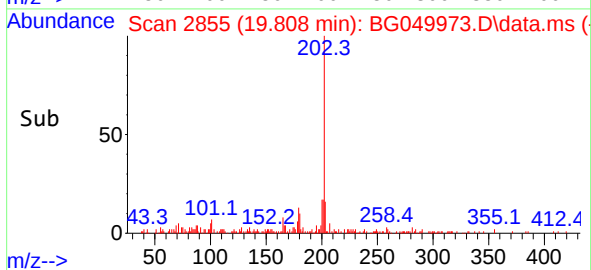
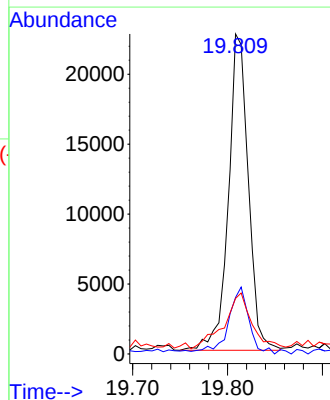
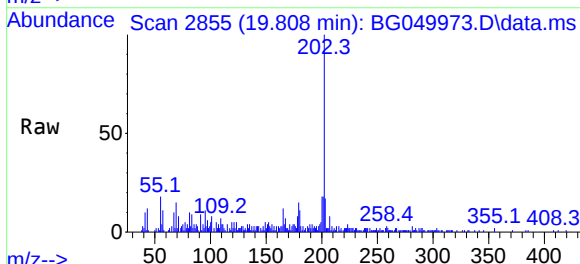
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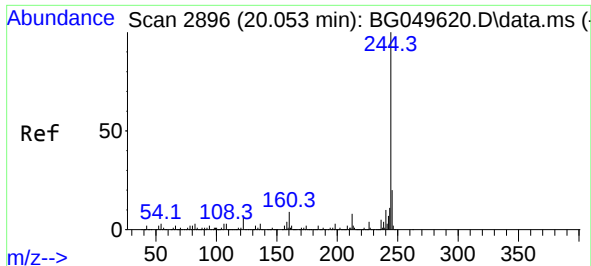
Tgt Ion:	240	Resp:	133397
Ion Ratio	Lower	Upper	
240	100		
120	4.7	4.2	6.2
236	25.8	21.8	32.6



#78
Pyrene
Concen: 3.631 ng
RT: 19.808 min Scan# 2855
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

Tgt Ion:	202	Resp:	33020
Ion Ratio	Lower	Upper	
202	100		
200	17.6	15.8	23.8
203	17.3	14.6	21.8



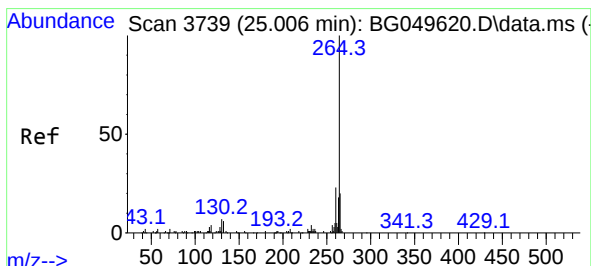
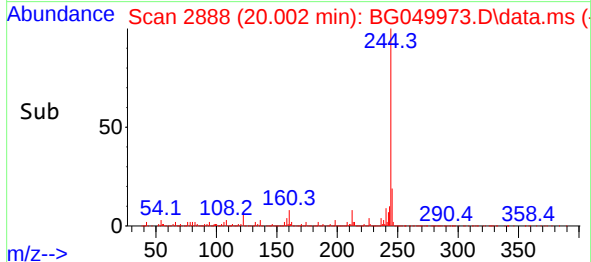
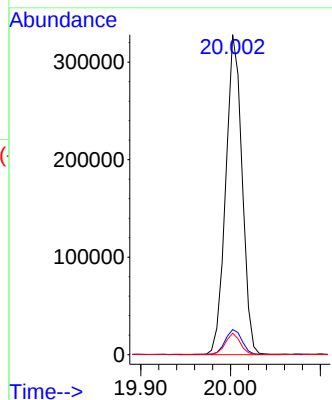
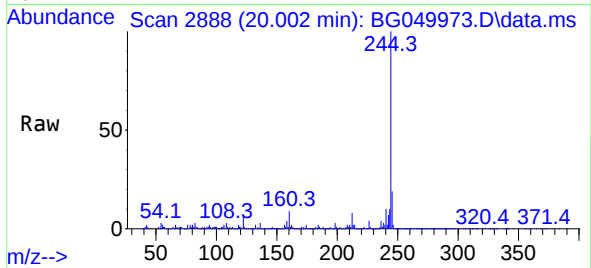


#79
Terphenyl-d14
Concen: 56.531 ng
RT: 20.002 min Scan# 2888
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

Instrument :
BNA_G
ClientSampleId :
PT-3-082421

Tgt Ion:244 Resp: 415207

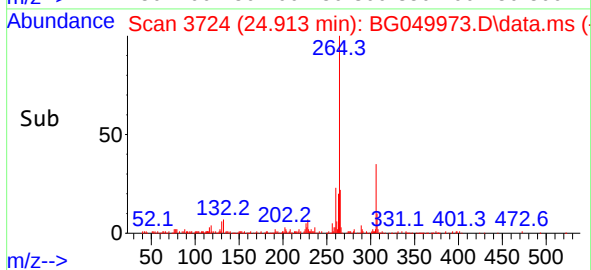
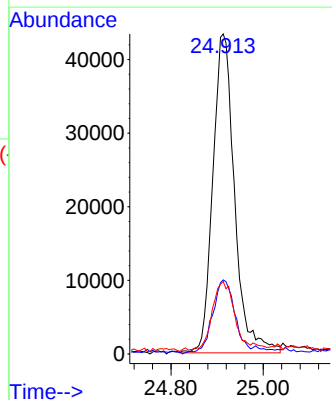
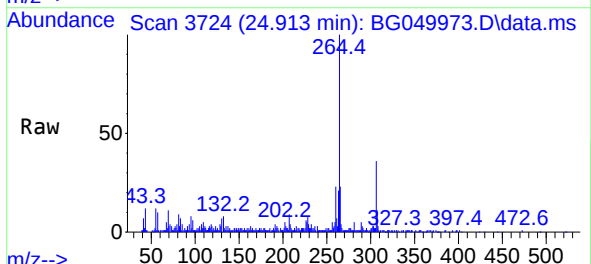
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.9	10.3
122	6.7	5.0	7.6

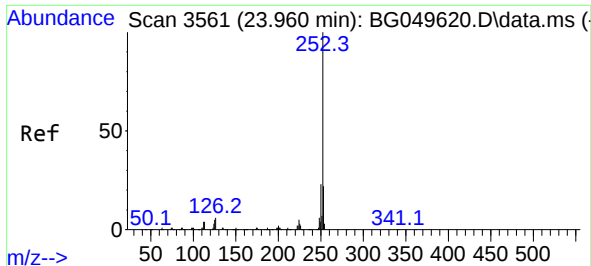


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.913 min Scan# 3724
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

Tgt Ion:264 Resp: 141721

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	22.6	16.9	25.3





#88
Benzo(b)fluoranthene
Concen: 2.255 ng
RT: 23.879 min Scan# 3548
Delta R.T. -0.014 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

Instrument :
BNA_G
ClientSampleId :
PT-3-082421

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.6	16.2	24.4#
125	19.7	3.0	4.4#

