

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
 Data File : BG049869.D
 Acq On : 17 Aug 2021 4:01
 Operator : CG/JU
 Sample : M3405-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-081221

Quant Time: Aug 17 04:45:40 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 16 18:23:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.032	152	35519	20.000	ng	0.00
21) Naphthalene-d8	10.858	136	141502	20.000	ng	# 0.01
39) Acenaphthene-d10	14.688	164	91151	20.000	ng	0.00
64) Phenanthrene-d10	17.443	188	159075	20.000	ng	# 0.00
76) Chrysene-d12	21.725	240	137035	20.000	ng	0.00
86) Perylene-d12	25.015	264	141642	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.594	112	40896	20.640	ng	0.02
7) Phenol-d6	7.204	99	56006	18.673	ng	0.01
23) Nitrobenzene-d5	9.207	82	41336	12.927	ng	0.01
42) 2,4,6-Tribromophenol	16.180	330	26166	19.530	ng	0.00
45) 2-Fluorobiphenyl	13.301	172	88112	14.066	ng	0.00
79) Terphenyl-d14	20.051	244	104161	13.805	ng	0.00

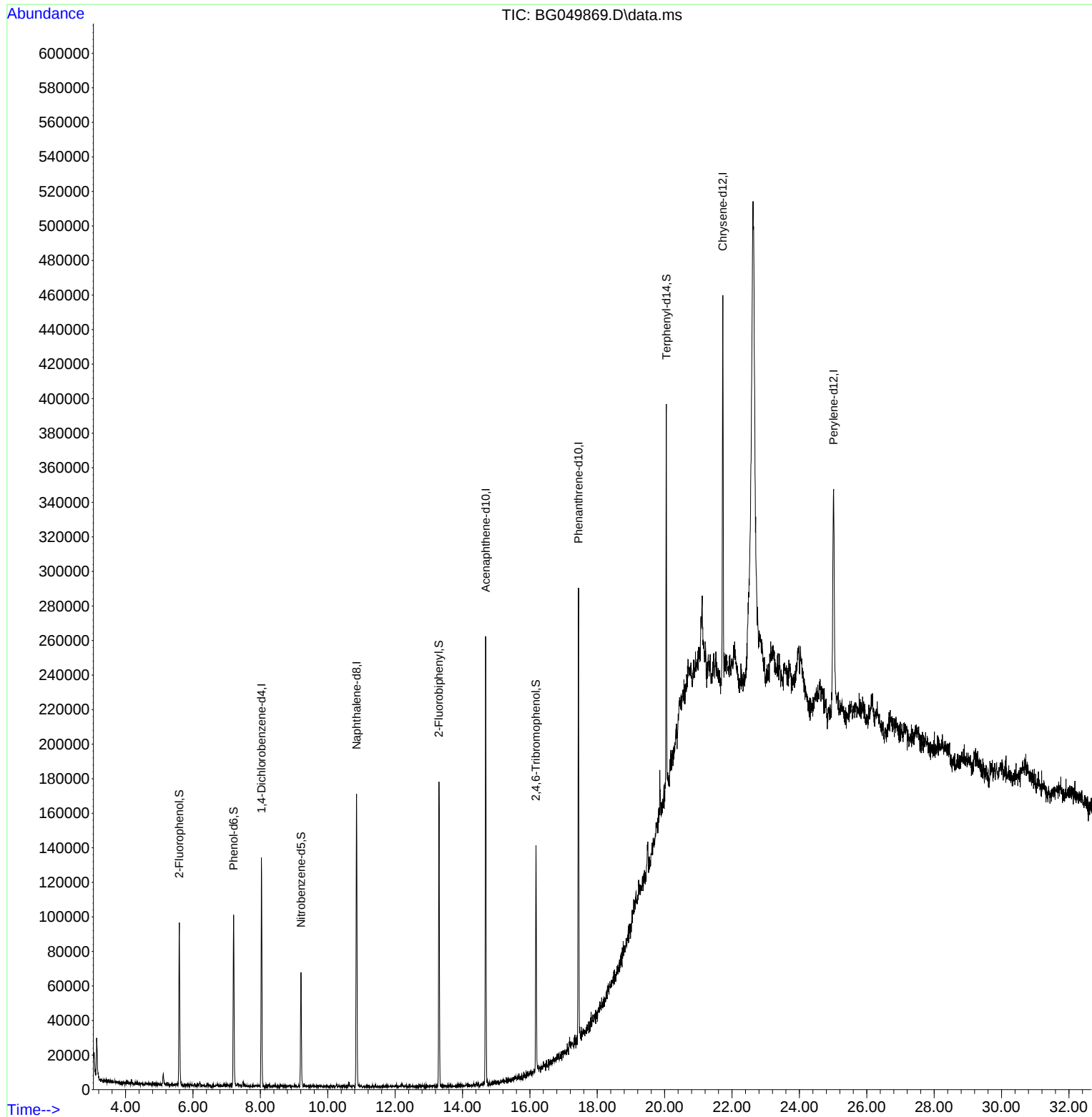
Target Compounds	Qvalue

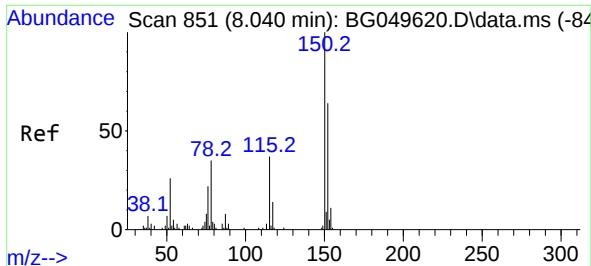
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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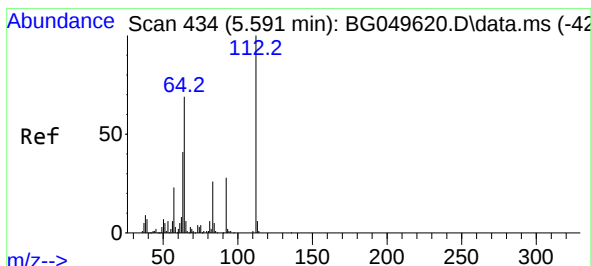
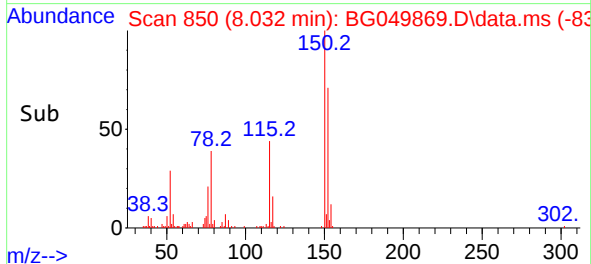
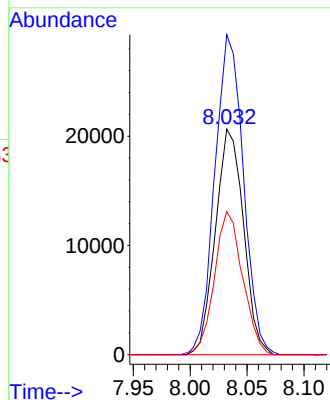
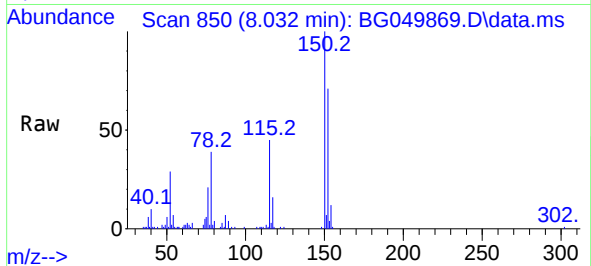




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.032 min Scan# 850
Delta R.T. 0.004 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

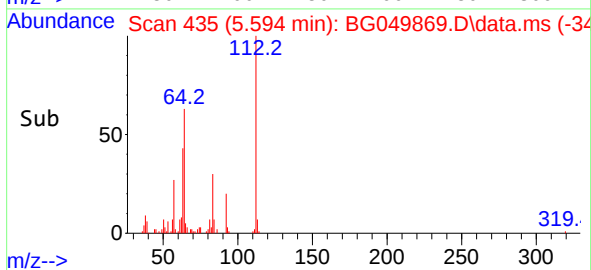
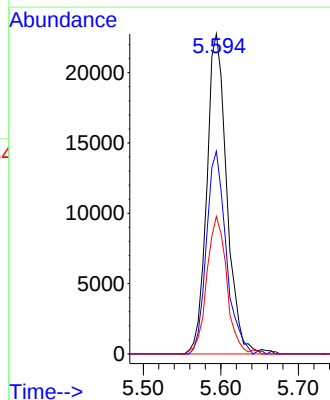
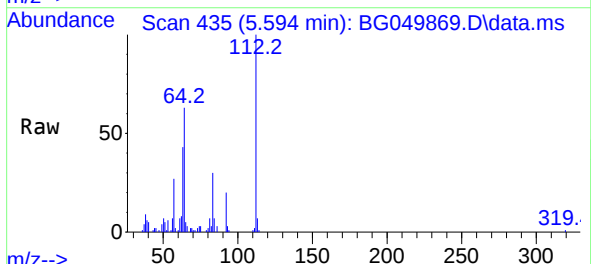
Instrument :
BNA_G
ClientSampleId :
CL-01-081221

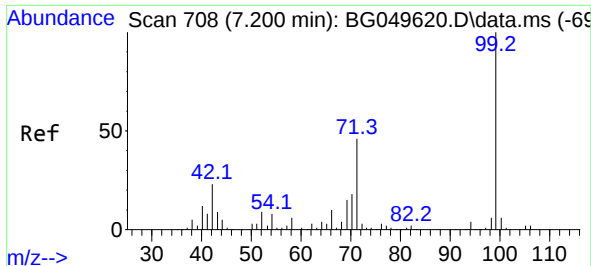
Tgt Ion:152 Resp: 35519
Ion Ratio Lower Upper
152 100
150 141.8 119.4 179.0
115 63.4 60.2 90.4



#5
2-Fluorophenol
Concen: 20.640 ng
RT: 5.594 min Scan# 435
Delta R.T. 0.016 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

Tgt Ion:112 Resp: 40896
Ion Ratio Lower Upper
112 100
64 63.4 46.7 70.1
63 43.0 35.3 52.9

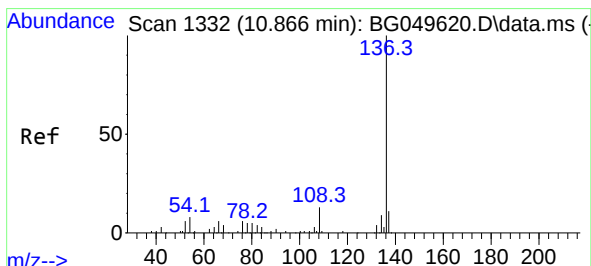
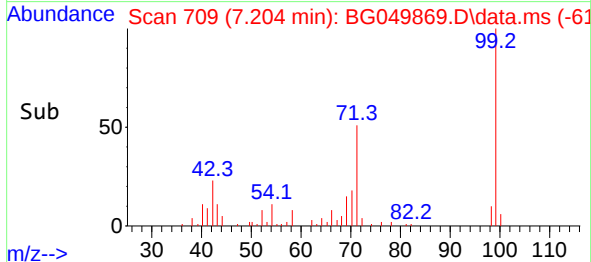
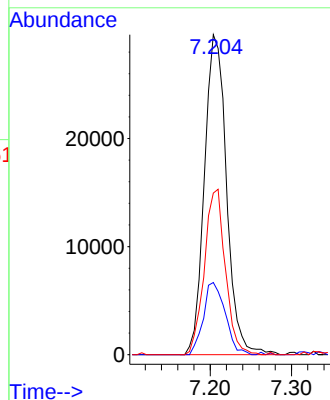
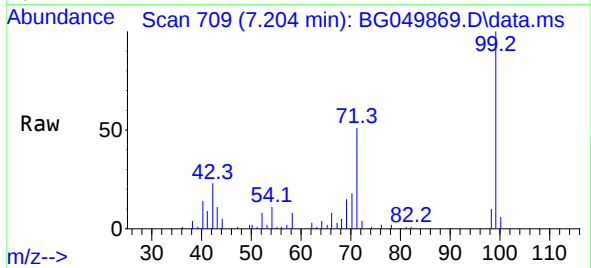




#7
Phenol-d6
Concen: 18.673 ng
RT: 7.204 min Scan# 709
Delta R.T. 0.010 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

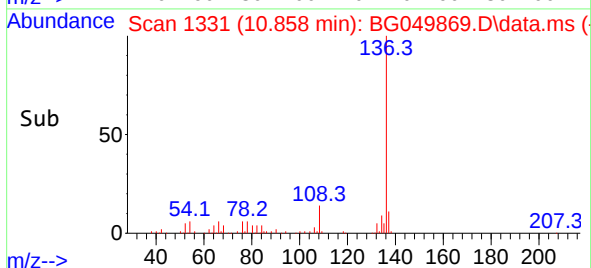
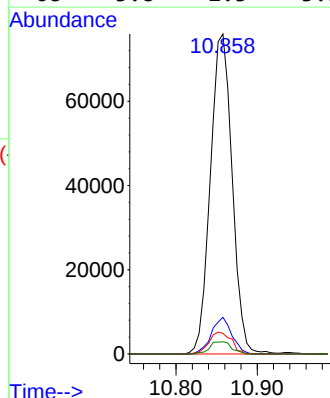
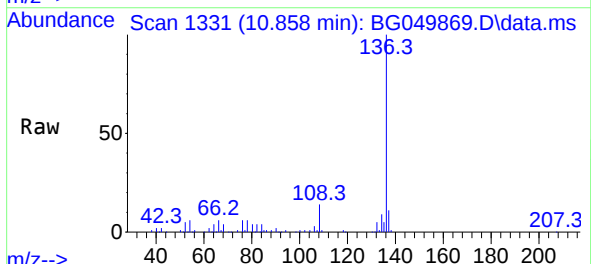
Instrument :
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ClientSampleId :
CL-01-081221

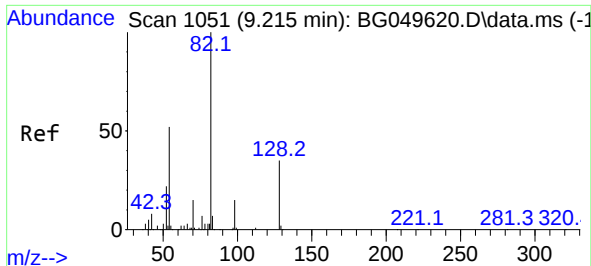
Tgt Ion:	99	Resp:	56006
Ion	Ratio	Lower	Upper
99	100		
42	22.5	20.5	30.7
71	50.5	41.5	62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.858 min Scan# 1331
Delta R.T. 0.010 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

Tgt Ion:	136	Resp:	141502
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.2
54	6.5	5.5	8.3
68	3.8	2.3	3.5

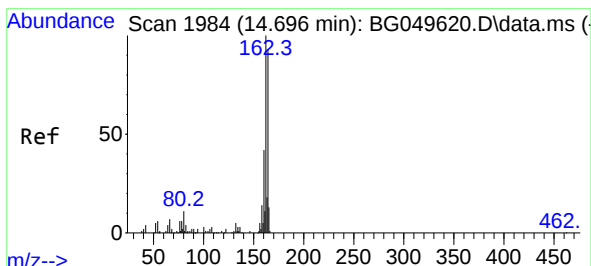
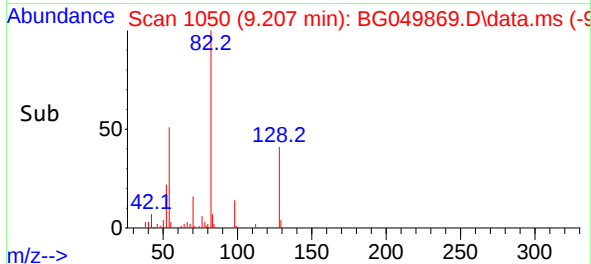
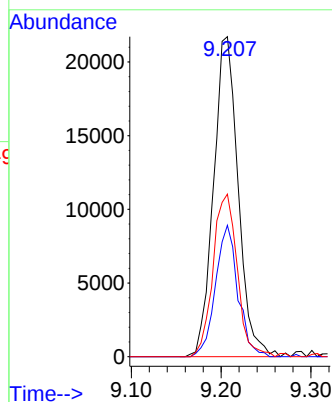
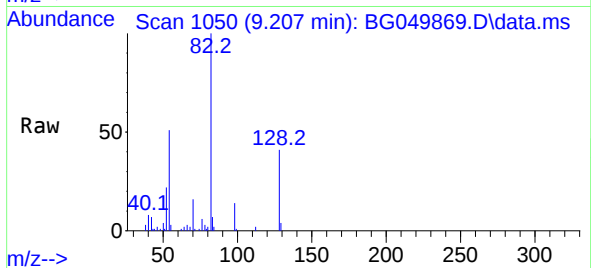




#23
Nitrobenzene-d5
Concen: 12.927 ng
RT: 9.207 min Scan# 1050
Delta R.T. 0.010 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

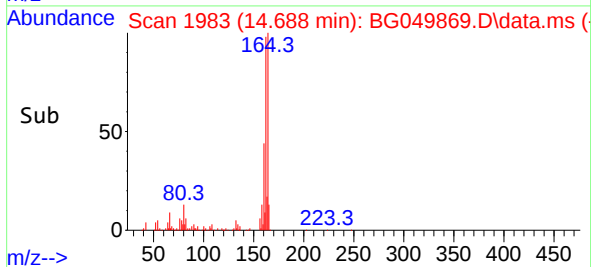
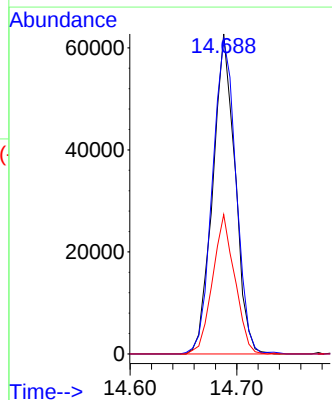
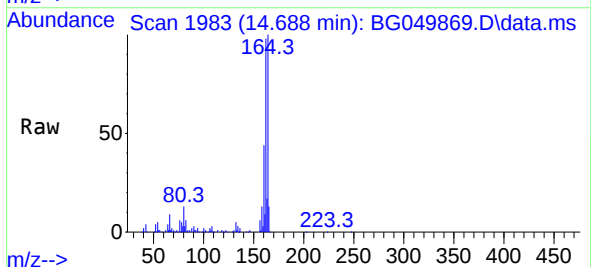
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ClientSampleId :
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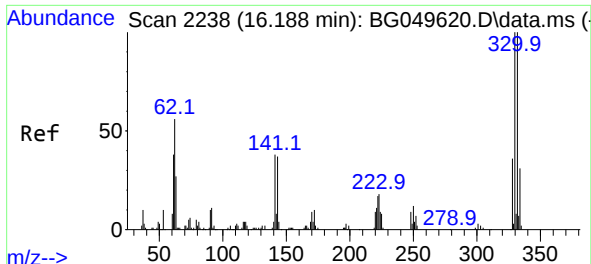
Tgt Ion:	82	Resp:	41336
Ion	Ratio	Lower	Upper
82	100		
128	41.1	29.8	44.6
54	50.8	45.8	68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.688 min Scan# 1983
Delta R.T. 0.004 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

Tgt Ion:	164	Resp:	91151
Ion	Ratio	Lower	Upper
164	100		
162	98.4	81.4	122.0
160	43.5	34.9	52.3

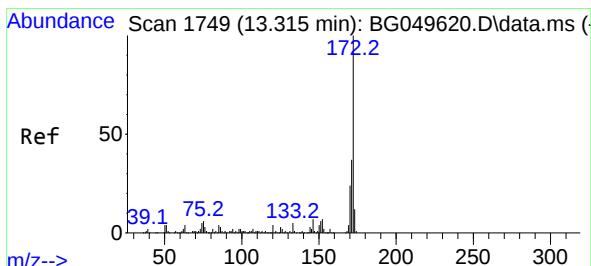
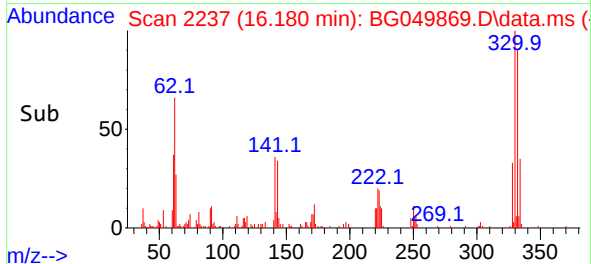
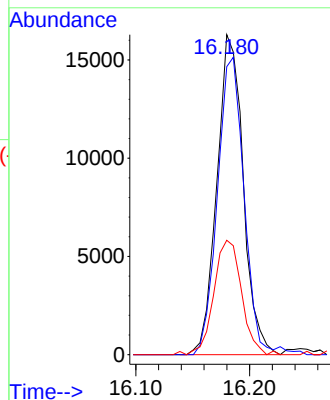
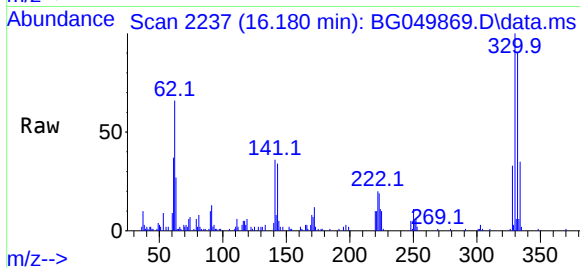




#42
2,4,6-Tribromophenol
Concen: 19.530 ng
RT: 16.180 min Scan# 2237
Delta R.T. 0.004 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

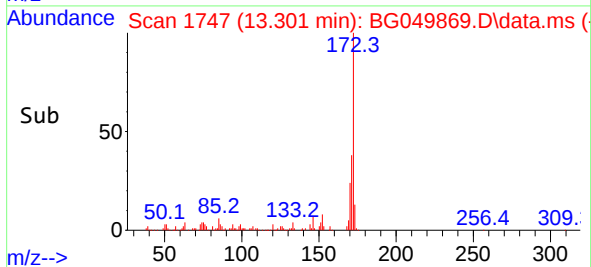
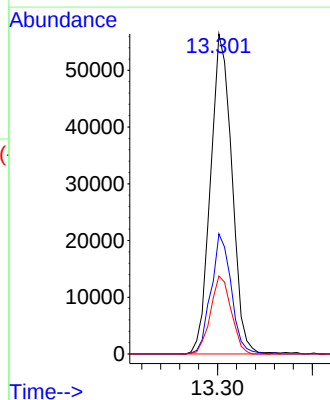
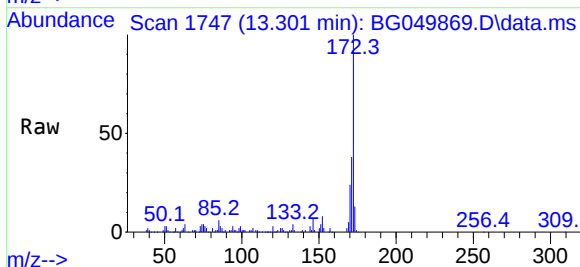
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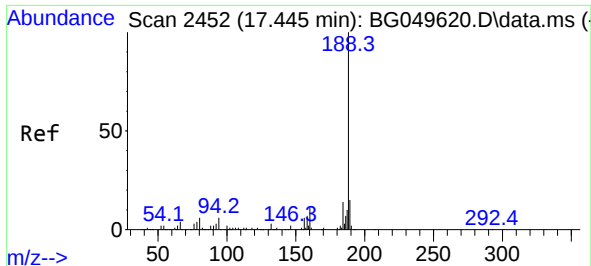
Tgt Ion:	330	Resp:	26166
Ion Ratio	Lower	Upper	
330	100		
332	94.3	77.3	115.9
141	37.7	35.6	53.4



#45
2-Fluorobiphenyl
Concen: 14.066 ng
RT: 13.301 min Scan# 1747
Delta R.T. -0.002 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

Tgt Ion:	172	Resp:	88112
Ion Ratio	Lower	Upper	
172	100		
171	37.5	28.6	43.0
170	24.3	18.6	27.8

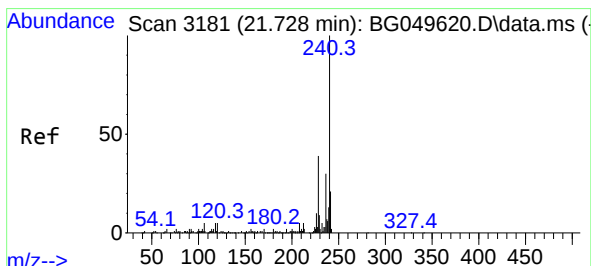
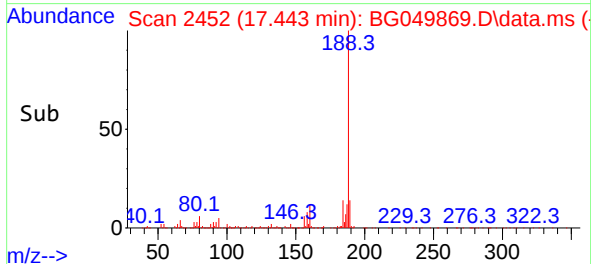
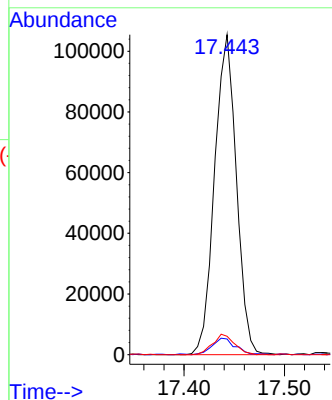
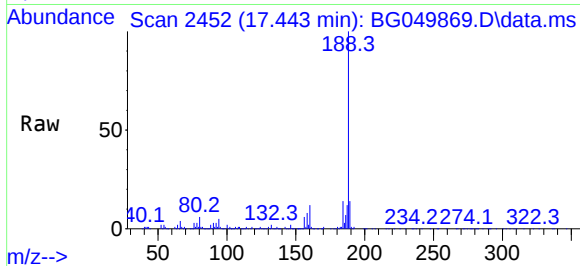




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.443 min Scan# 2452
Delta R.T. 0.004 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

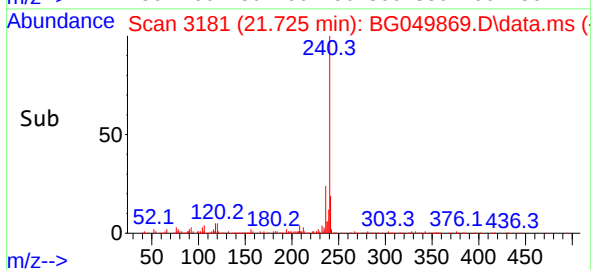
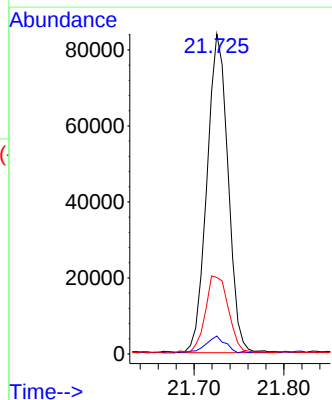
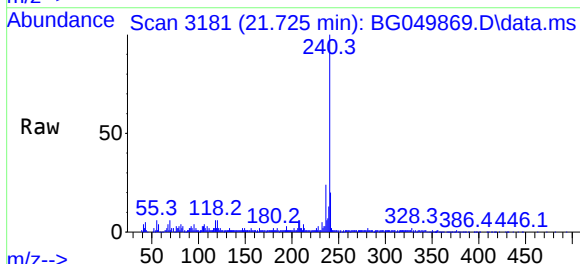
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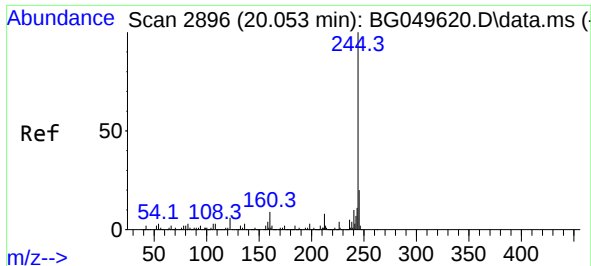
Tgt Ion:188 Resp: 159075
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.0#
80 5.7 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.725 min Scan# 3181
Delta R.T. 0.004 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

Tgt Ion:240 Resp: 137035
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 23.9 21.8 32.6

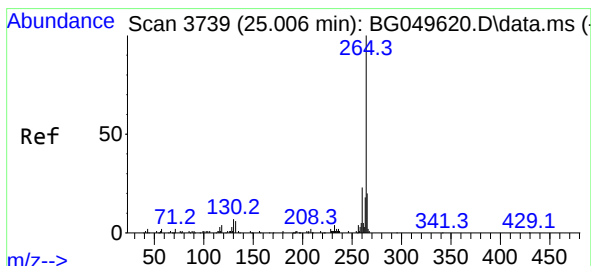
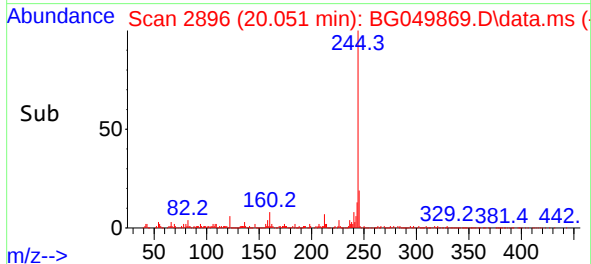
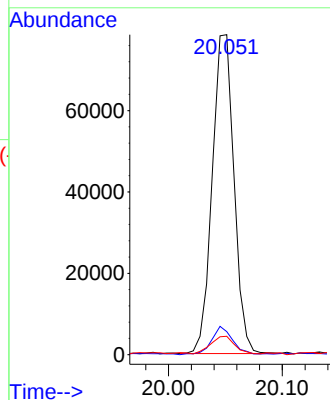
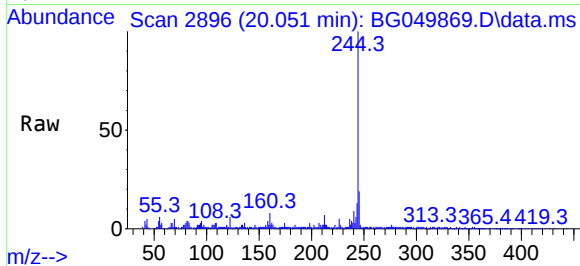




#79
Terphenyl-d14
Concen: 13.805 ng
RT: 20.051 min Scan# 2896
Delta R.T. 0.004 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

Instrument :
BNA_G
ClientSampleId :
CL-01-081221

Tgt Ion:	244	Resp:	104161
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.9	10.3
122	5.8	5.0	7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.015 min Scan# 3741
Delta R.T. 0.028 min
Lab File: BG049869.D
Acq: 17 Aug 2021 4:01

Tgt Ion:	264	Resp:	141642
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.4	29.2
265	23.8	16.9	25.3

