

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081721\
 Data File : BG049884.D
 Acq On : 17 Aug 2021 19:12
 Operator : CG/JU
 Sample : M3431-06 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 6

Quant Time: Aug 18 05:43:36 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	8.025	152	36957	20.000	ng	0.00
21) Naphthalene-d8	10.844	136	152548	20.000	ng	# 0.00
39) Acenaphthene-d10	14.680	164	100826	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	187369	20.000	ng	# 0.00
76) Chrysene-d12	21.712	240	157828	20.000	ng	0.00
86) Perylene-d12	24.996	264	166033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	33515	16.257	ng	0.00
7) Phenol-d6	7.196	99	48794	15.635	ng	0.00
23) Nitrobenzene-d5	9.200	82	36327	10.538	ng	0.00
42) 2,4,6-Tribromophenol	16.173	330	23270	15.702	ng	0.00
45) 2-Fluorobiphenyl	13.294	172	76882	11.095	ng	0.00
79) Terphenyl-d14	20.038	244	98265	11.308	ng	0.00

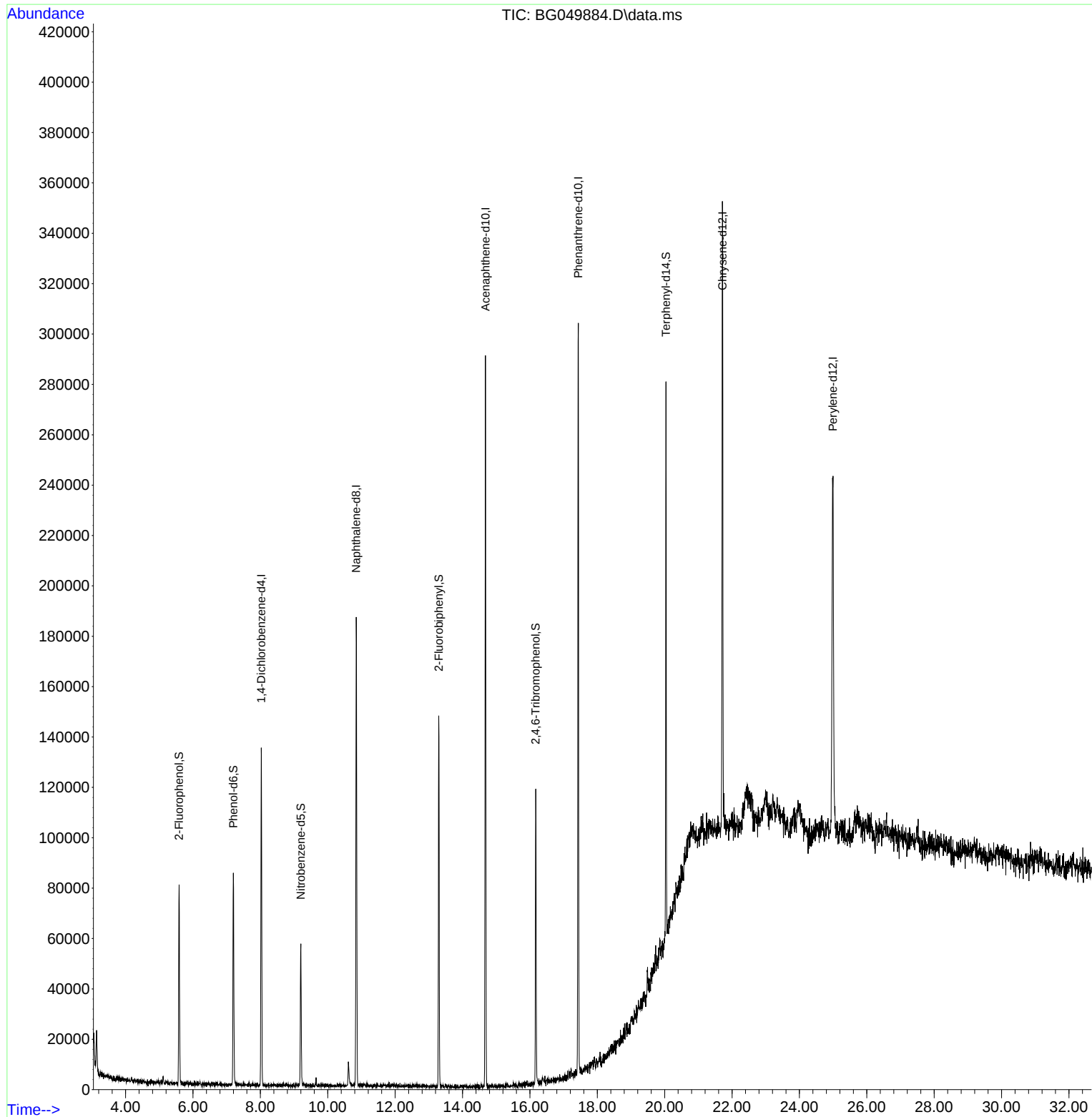
Target Compounds	Qvalue

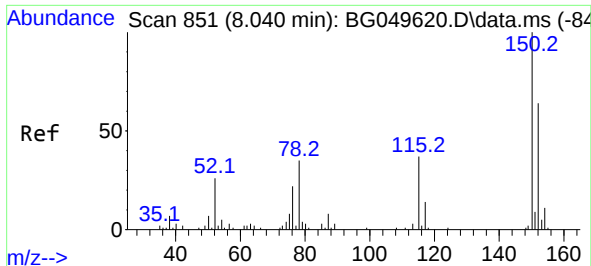
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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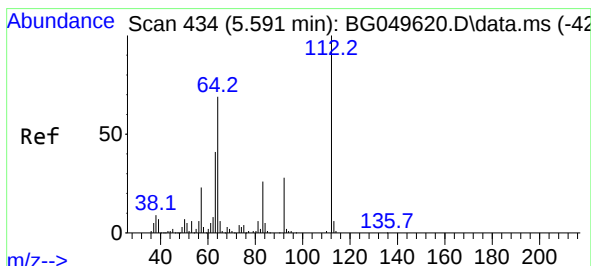
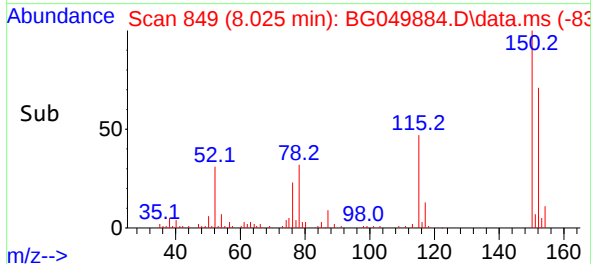
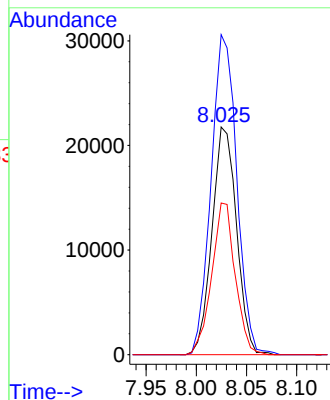
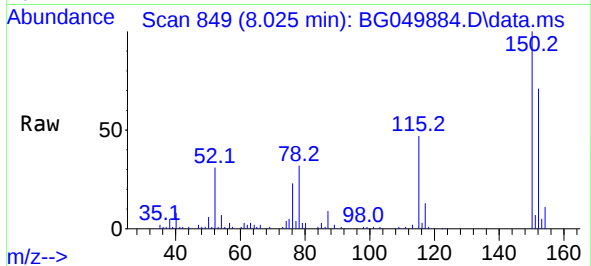




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.025 min Scan# 849
Delta R.T. -0.003 min
Lab File: BG049884.D
Acq: 17 Aug 2021 19:12

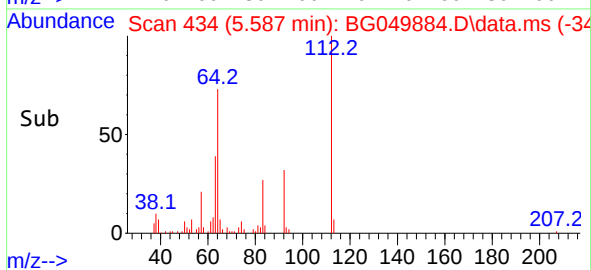
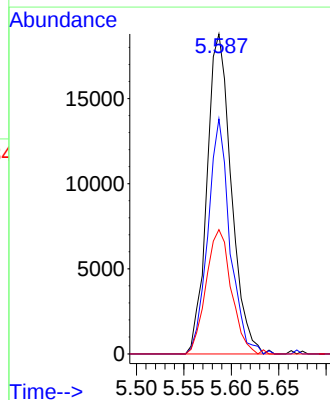
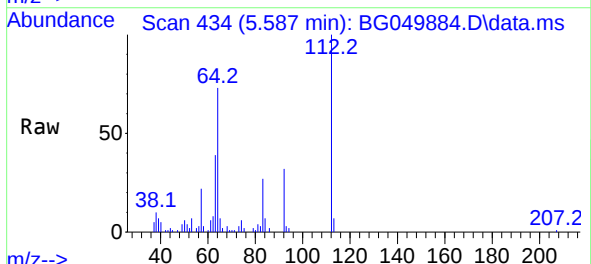
Instrument :
BNA_G
ClientSampleId :
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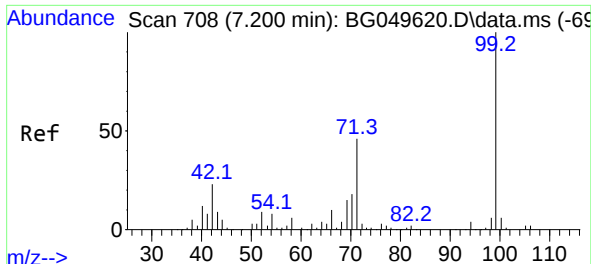
Tgt Ion:152 Resp: 36957
Ion Ratio Lower Upper
152 100
150 140.6 119.4 179.0
115 66.7 60.2 90.4



#5
2-Fluorophenol
Concen: 16.257 ng
RT: 5.587 min Scan# 434
Delta R.T. 0.009 min
Lab File: BG049884.D
Acq: 17 Aug 2021 19:12

Tgt Ion:112 Resp: 33515
Ion Ratio Lower Upper
112 100
64 73.4 46.7 70.1#
63 38.8 35.3 52.9

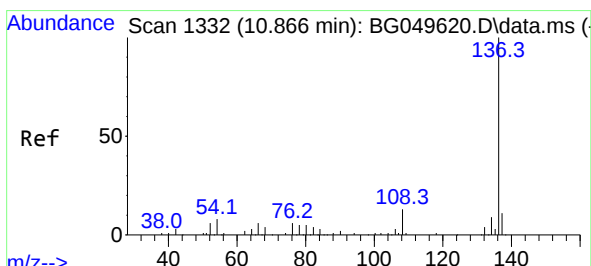
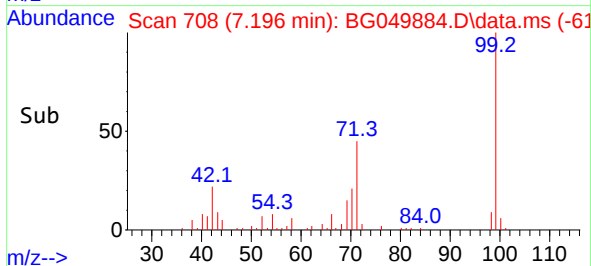
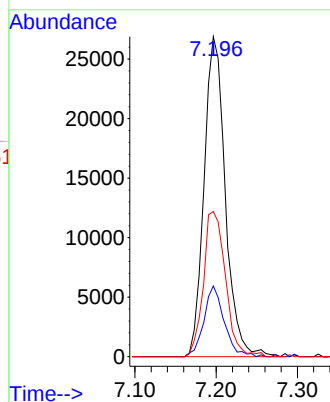
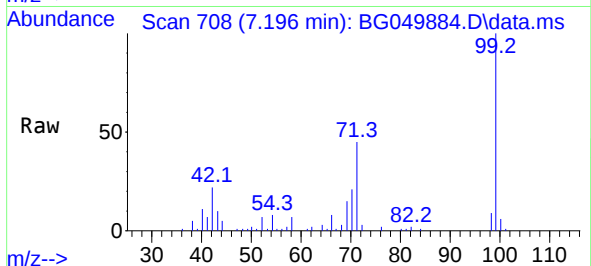




#7
Phenol-d6
Concen: 15.635 ng
RT: 7.196 min Scan# 708
Delta R.T. 0.003 min
Lab File: BG049884.D
Acq: 17 Aug 2021 19:12

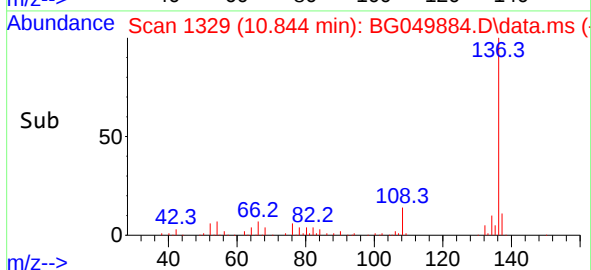
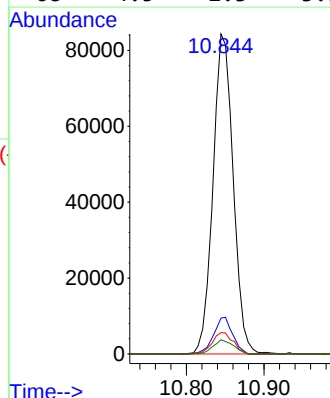
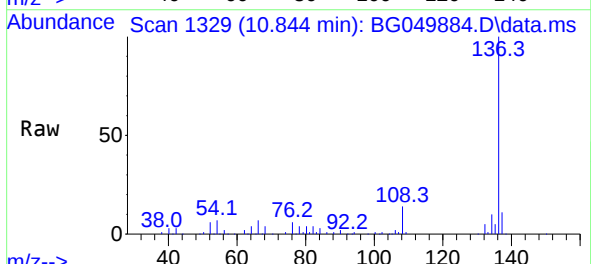
Instrument :
BNA_G
ClientSampleId :
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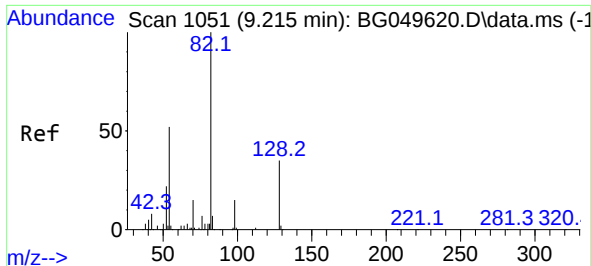
Tgt Ion:	99	Resp:	48794
Ion	Ratio	Lower	Upper
99	100		
42	22.1	20.5	30.7
71	45.3	41.5	62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.844 min Scan# 1329
Delta R.T. -0.003 min
Lab File: BG049884.D
Acq: 17 Aug 2021 19:12

Tgt Ion:	136	Resp:	152548
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.2
54	6.7	5.5	8.3
68	4.5	2.3	3.5

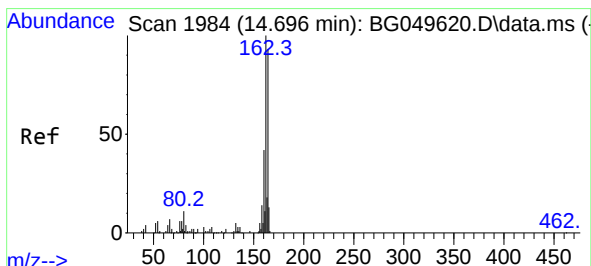
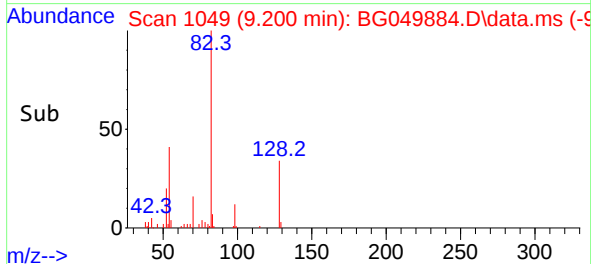
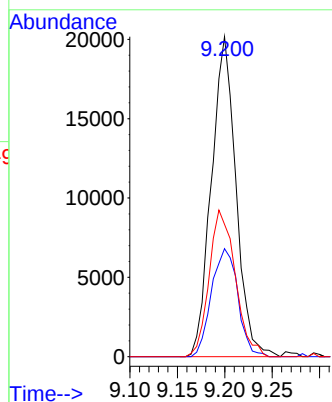
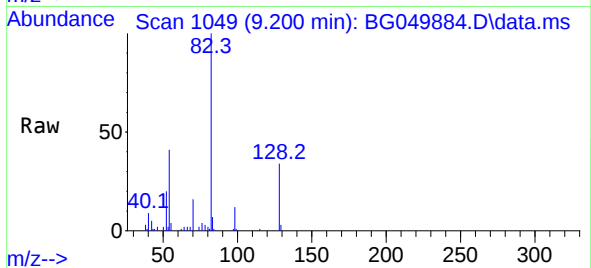




#23
Nitrobenzene-d5
Concen: 10.538 ng
RT: 9.200 min Scan# 1049
Delta R.T. 0.003 min
Lab File: BG049884.D
Acq: 17 Aug 2021 19:12

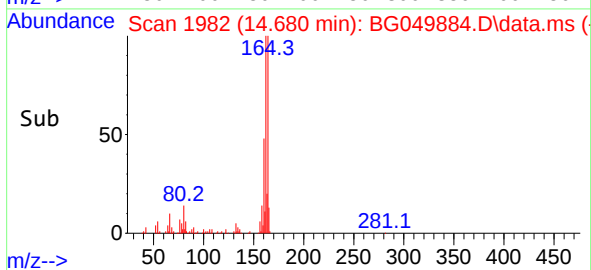
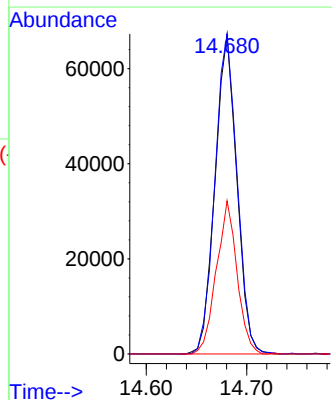
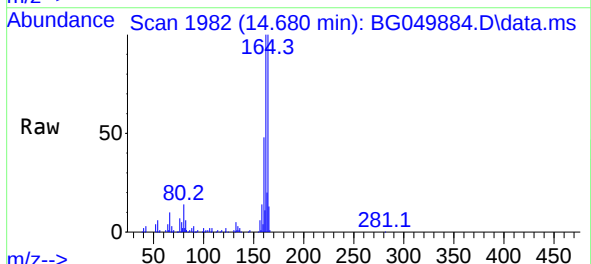
Instrument :
BNA_G
ClientSampleId :
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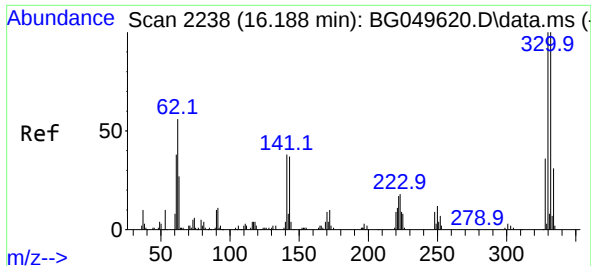
Tgt Ion: 82 Resp: 36327
Ion Ratio Lower Upper
82 100
128 33.7 29.8 44.6
54 41.3 45.8 68.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.680 min Scan# 1982
Delta R.T. -0.003 min
Lab File: BG049884.D
Acq: 17 Aug 2021 19:12

Tgt Ion:164 Resp: 100826
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 48.1 34.9 52.3

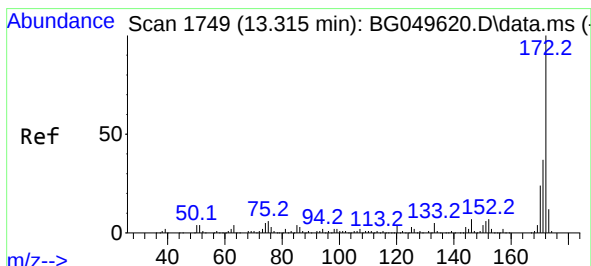
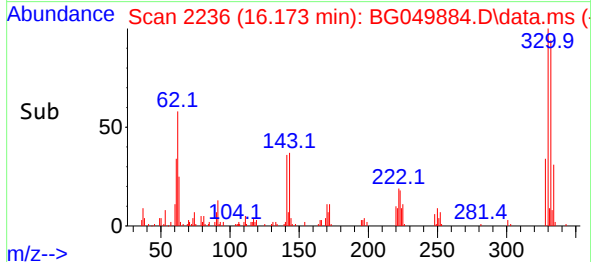
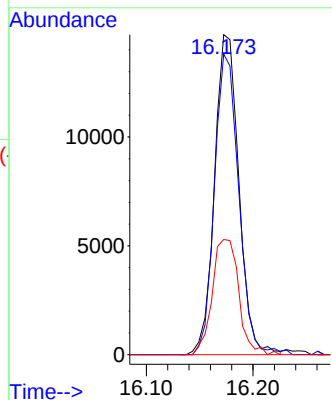
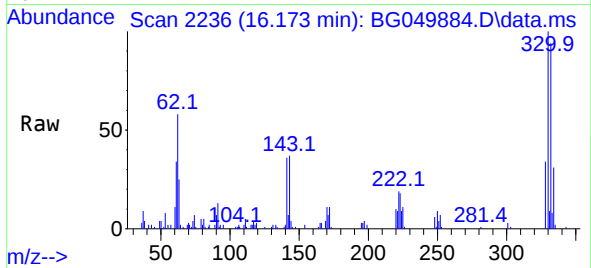




#42
2,4,6-Tribromophenol
Concen: 15.702 ng
RT: 16.173 min Scan# 2236
Delta R.T. -0.003 min
Lab File: BG049884.D
Acq: 17 Aug 2021 19:12

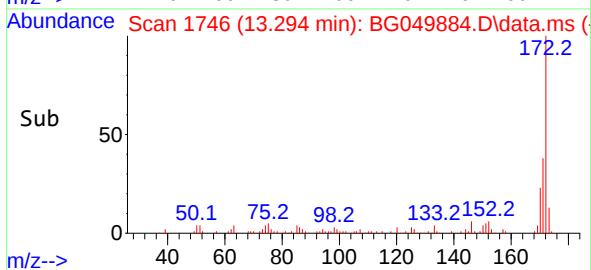
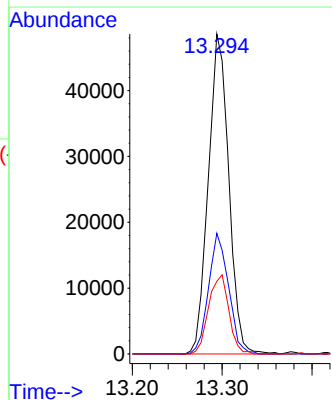
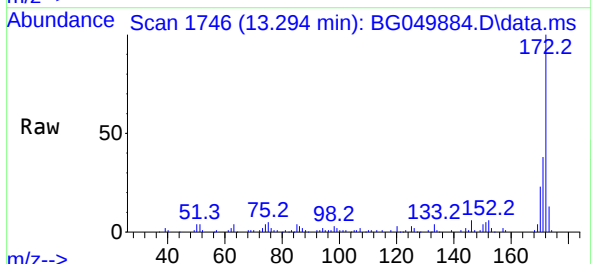
Instrument :
BNA_G
ClientSampleId :
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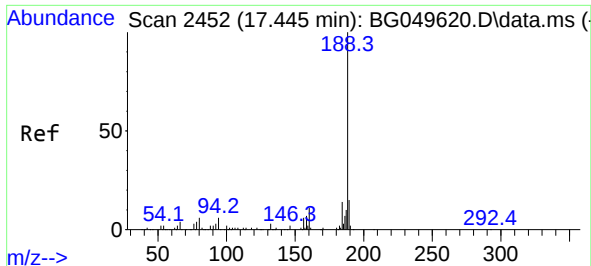
Tgt Ion:330 Resp: 23270
Ion Ratio Lower Upper
330 100
332 94.0 77.3 115.9
141 39.3 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 11.095 ng
RT: 13.294 min Scan# 1746
Delta R.T. -0.009 min
Lab File: BG049884.D
Acq: 17 Aug 2021 19:12

Tgt Ion:172 Resp: 76882
Ion Ratio Lower Upper
172 100
171 37.7 28.6 43.0
170 22.7 18.6 27.8

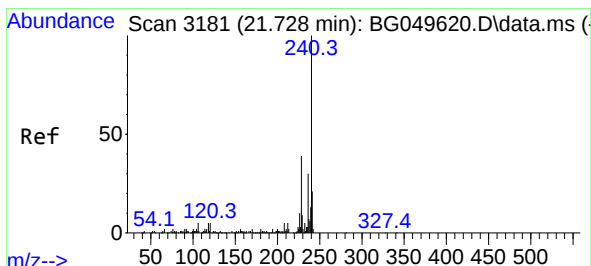
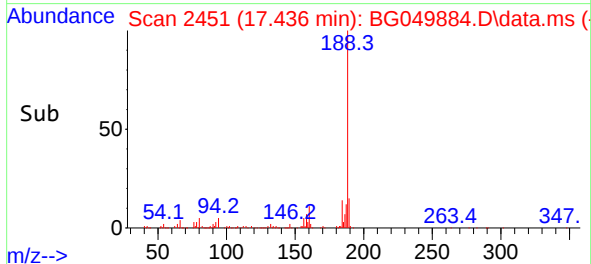
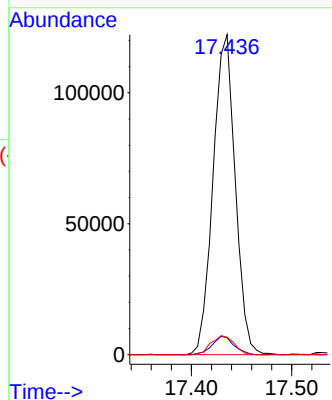
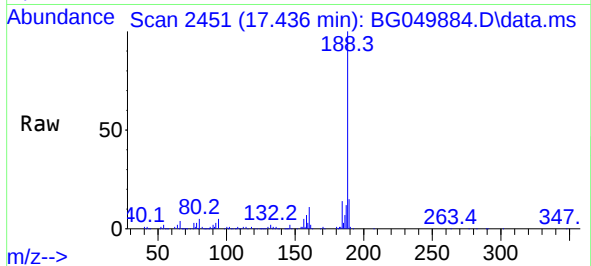




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.436 min Scan# 2451
Delta R.T. -0.003 min
Lab File: BG049884.D
Acq: 17 Aug 2021 19:12

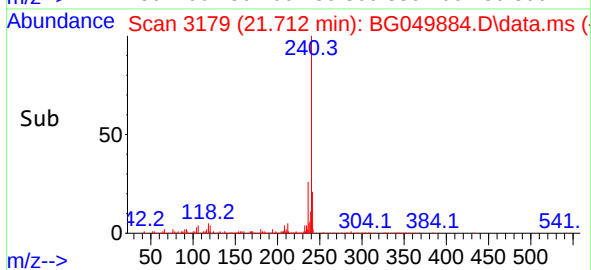
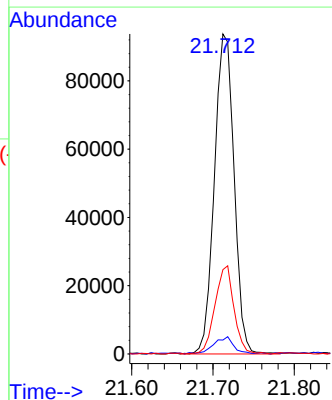
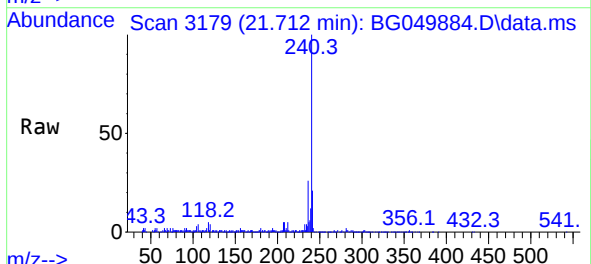
Instrument :
BNA_G
ClientSampleId :
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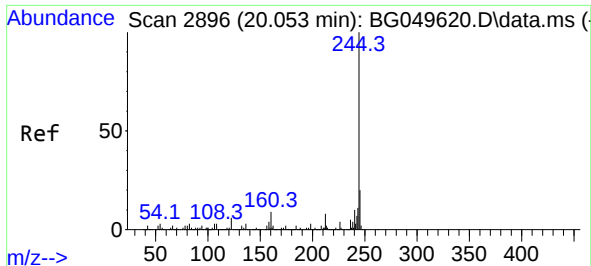
Tgt Ion:188 Resp: 187369
Ion Ratio Lower Upper
188 100
94 5.3 5.4 8.0#
80 5.4 3.7 5.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.712 min Scan# 3179
Delta R.T. -0.009 min
Lab File: BG049884.D
Acq: 17 Aug 2021 19:12

Tgt Ion:240 Resp: 157828
Ion Ratio Lower Upper
240 100
120 4.4 4.2 6.2
236 26.4 21.8 32.6

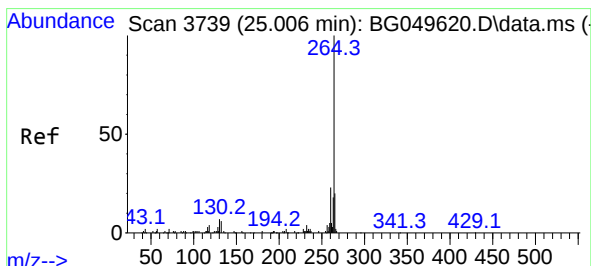
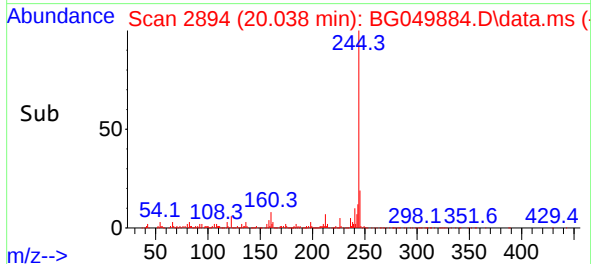
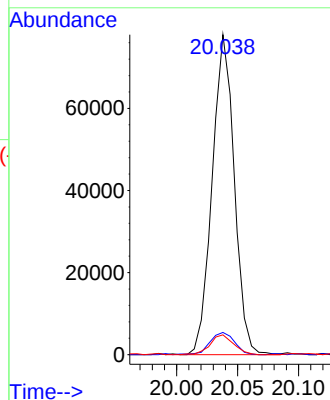
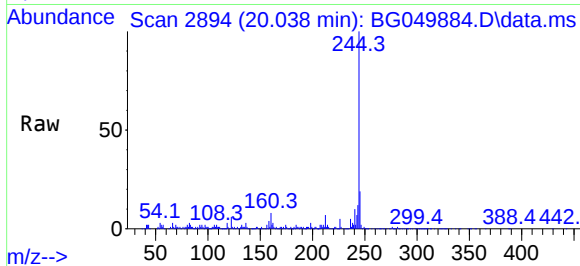




#79
Terphenyl-d14
Concen: 11.308 ng
RT: 20.038 min Scan# 2894
Delta R.T. -0.009 min
Lab File: BG049884.D
Acq: 17 Aug 2021 19:12

Instrument :
BNA_G
ClientSampleId :
6

Tgt Ion:244	Resp:	98265
Ion Ratio	Lower	Upper
244	100	
212	7.0	6.9 10.3
122	6.2	5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.996 min Scan# 3738
Delta R.T. 0.009 min
Lab File: BG049884.D
Acq: 17 Aug 2021 19:12

Tgt Ion:264	Resp:	166033
Ion Ratio	Lower	Upper
264	100	
260	24.0	19.4 29.2
265	22.1	16.9 25.3

