

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110520\
 Data File : BG047229.D
 Acq On : 5 Nov 2020 21:42
 Operator : CG/JU
 Sample : L4641-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P0102-CAS002-0002-01

Quant Time: Nov 06 02:18:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

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

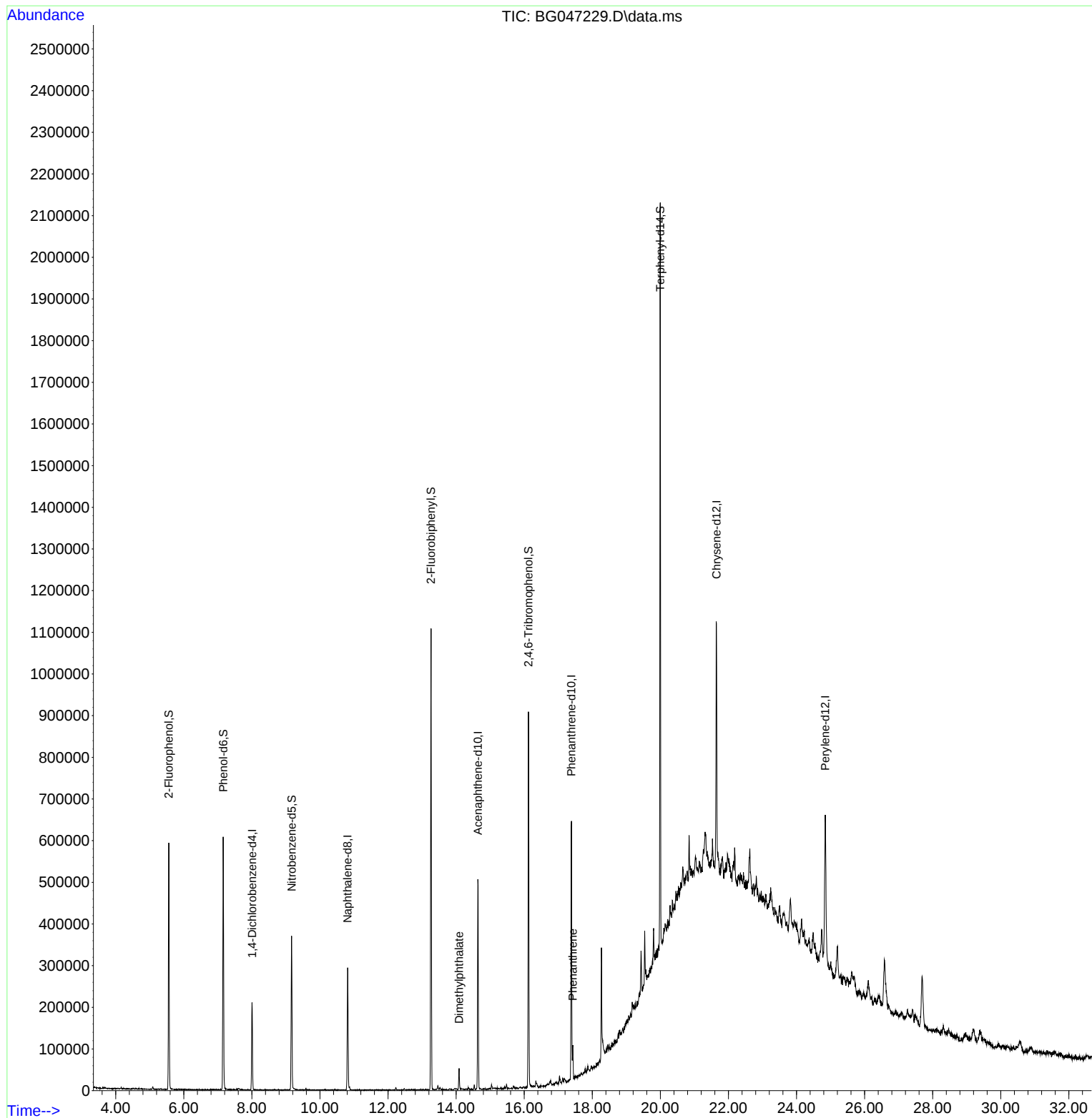
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	57588	20.00	ng	# 0.00
21) Naphthalene-d8	10.813	136	241497	20.00	ng	# 0.00
39) Acenaphthene-d10	14.638	164	177825	20.00	ng	0.00
64) Phenanthrene-d10	17.388	188	394899	20.00	ng	# 0.00
76) Chrysene-d12	21.647	240	367896	20.00	ng	# 0.00
86) Perylene-d12	24.844	264	382823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.560	112	237291	66.79	ng	0.00
7) Phenol-d6	7.159	99	314793	61.21	ng	0.00
23) Nitrobenzene-d5	9.168	82	221497	39.36	ng	0.00
42) 2,4,6-Tribromophenol	16.125	330	176463	59.26	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	553311	39.91	ng	0.00
79) Terphenyl-d14	19.996	244	809973	38.72	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.086	163	31732	2.02	ng	99
71) Phenanthrene	17.429	178	50438	2.20	ng	97

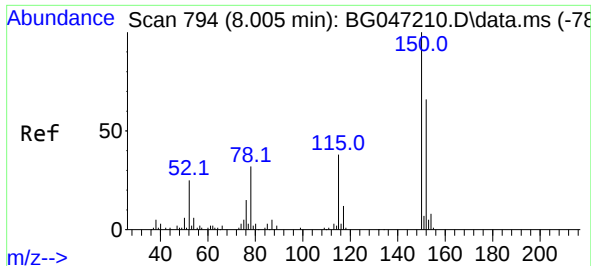
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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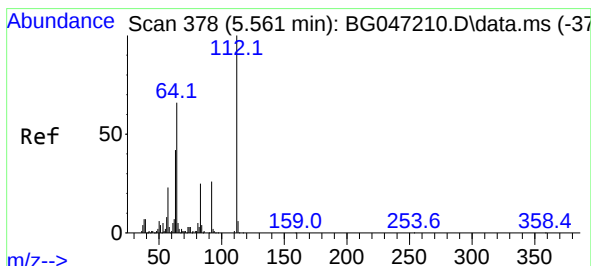
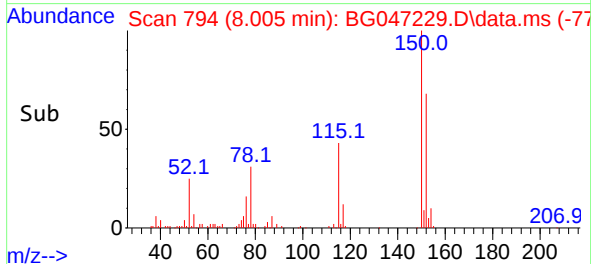
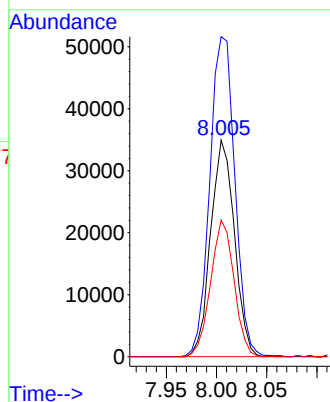
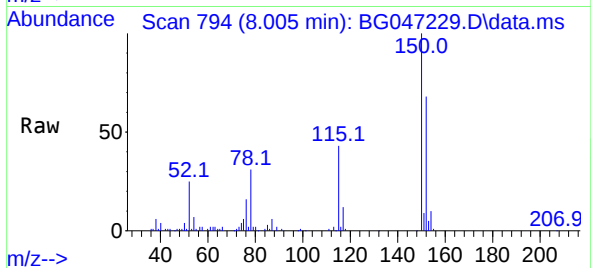




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.005 min Scan# 794
Delta R.T. -0.000 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

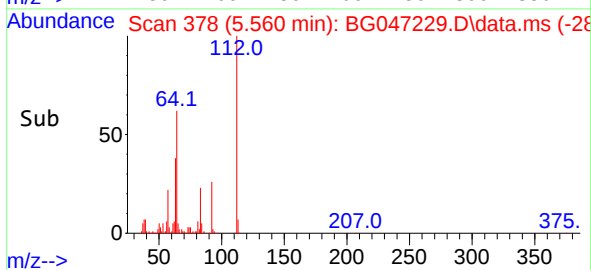
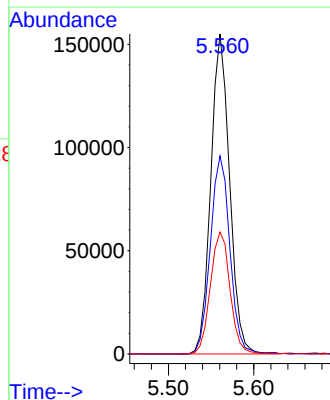
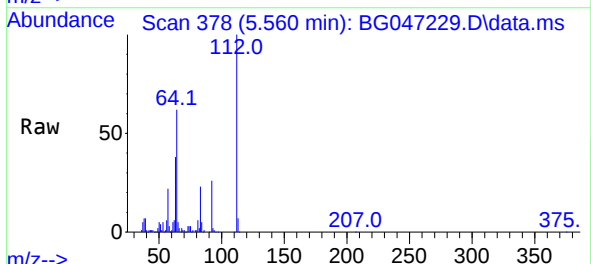
Instrument :
BNA_G
ClientSampleId :
P0102-CAS002-0002-01

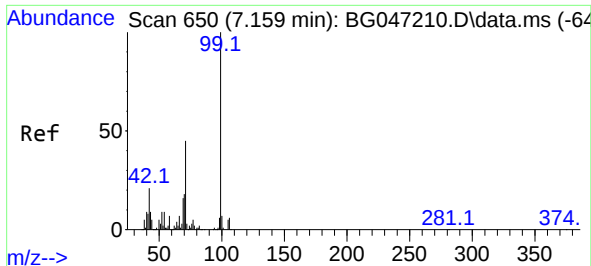
Tgt Ion:152 Resp: 57588
Ion Ratio Lower Upper
152 100
150 147.8 125.0 187.6
115 63.1 41.8 62.6#



#5
2-Fluorophenol
Concen: 66.79 ng
RT: 5.560 min Scan# 378
Delta R.T. -0.000 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

Tgt Ion:112 Resp: 237291
Ion Ratio Lower Upper
112 100
64 61.9 46.7 70.1
63 38.1 22.8 34.2#

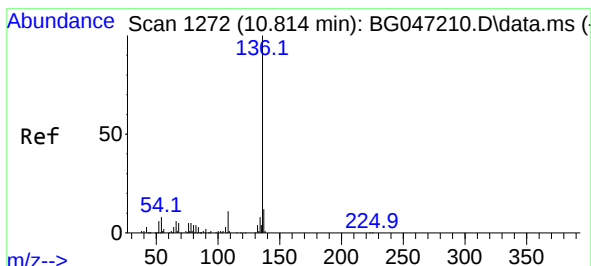
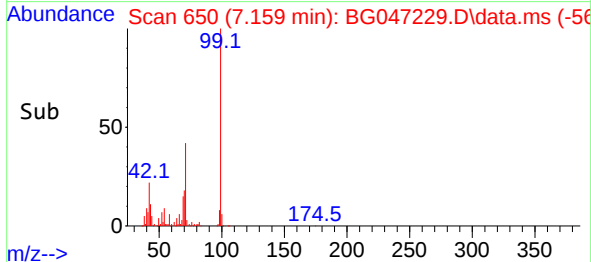
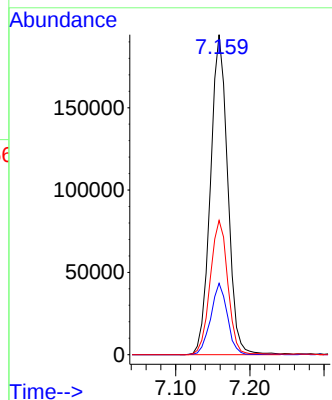
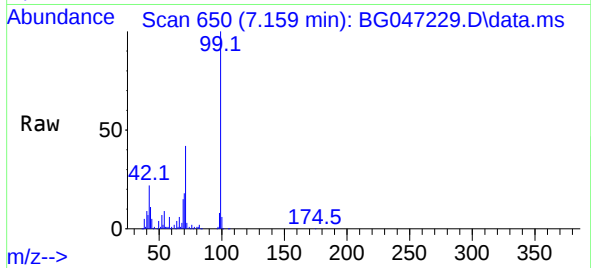




#7
Phenol-d6
Concen: 61.21 ng
RT: 7.159 min Scan# 650
Delta R.T. -0.000 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

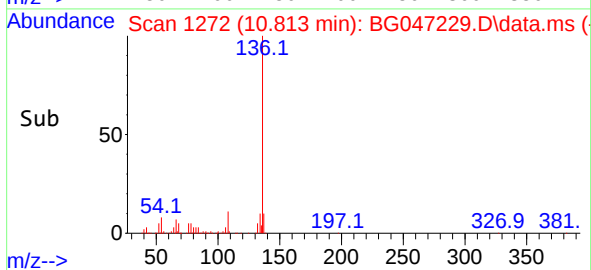
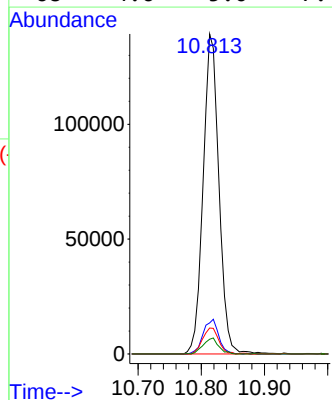
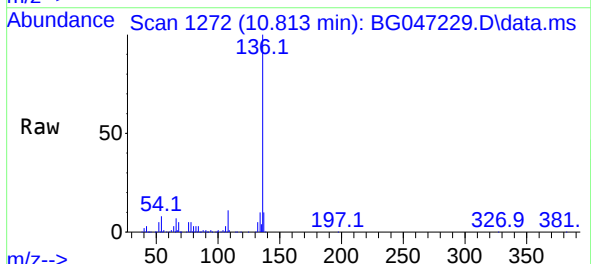
Instrument :
BNA_G
ClientSampleId :
P0102-CAS002-0002-01

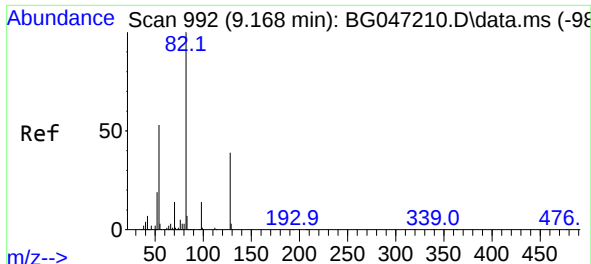
Tgt Ion: 99 Resp: 314793
Ion Ratio Lower Upper
99 100
42 22.3 12.8 19.2#
71 42.0 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.813 min Scan# 1272
Delta R.T. -0.001 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

Tgt Ion:136 Resp: 241497
Ion Ratio Lower Upper
136 100
137 9.7 9.1 13.7
54 8.1 6.2 9.4
68 4.6 5.0 7.4#

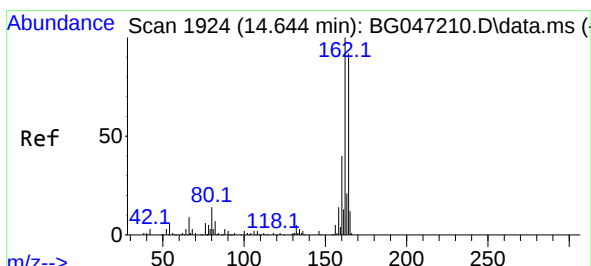
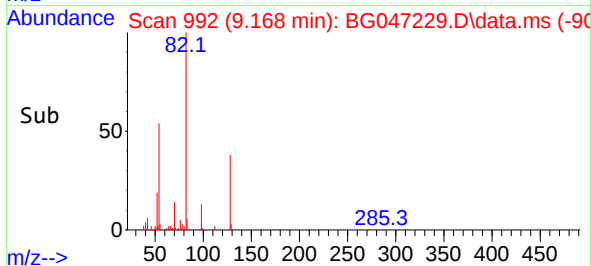
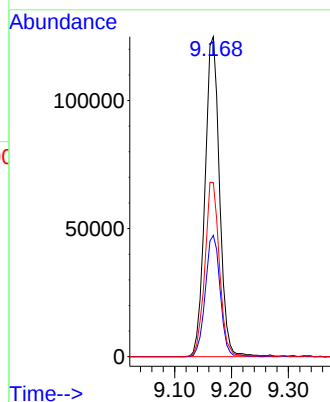
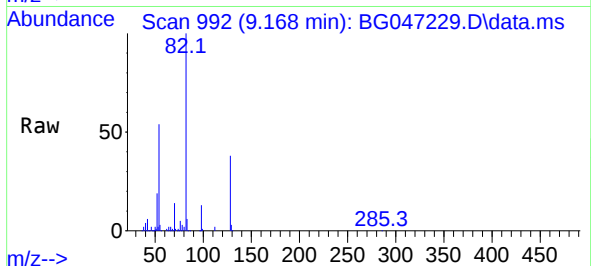




#23
Nitrobenzene-d5
Concen: 39.36 ng
RT: 9.168 min Scan# 992
Delta R.T. -0.000 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

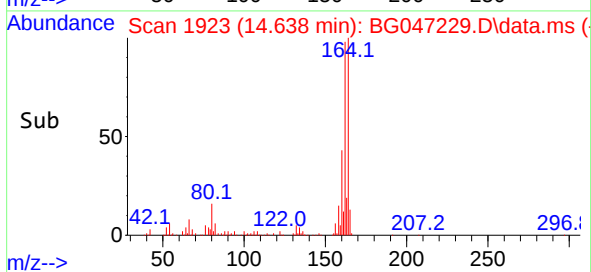
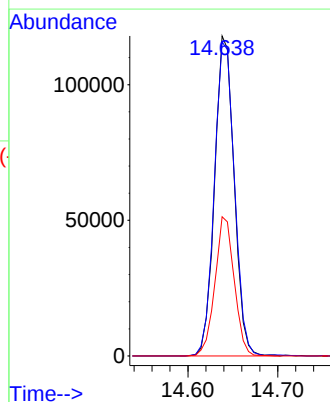
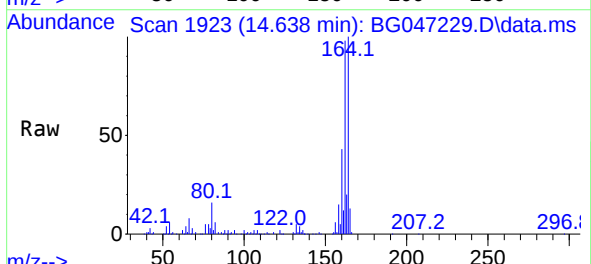
Instrument :
BNA_G
ClientSampleId :
P0102-CAS002-0002-01

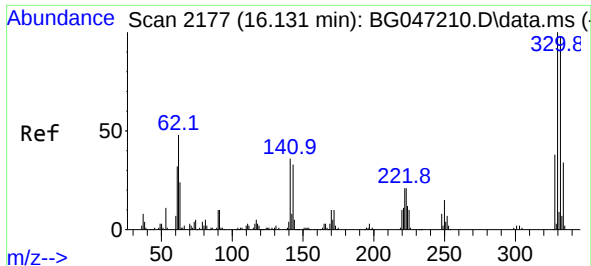
Tgt Ion: 82 Resp: 221497
Ion Ratio Lower Upper
82 100
128 37.9 37.0 55.6
54 54.5 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.638 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

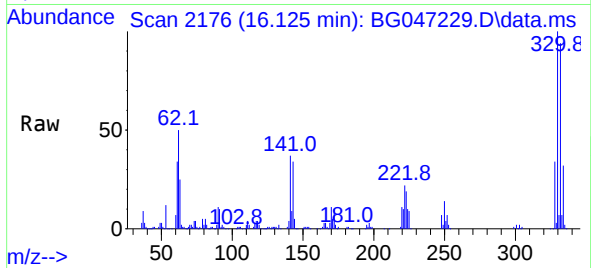
Tgt Ion:164 Resp: 177825
Ion Ratio Lower Upper
164 100
162 98.2 82.3 123.5
160 43.5 35.3 52.9



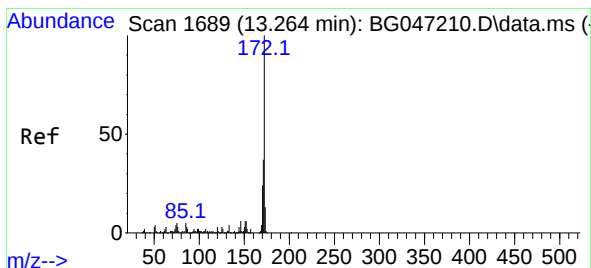
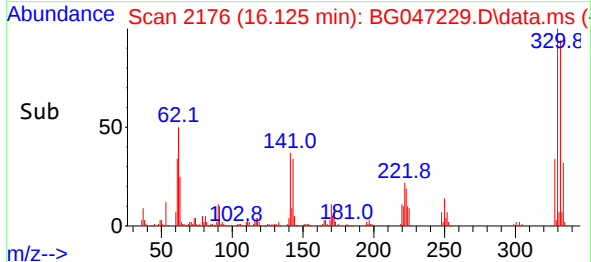
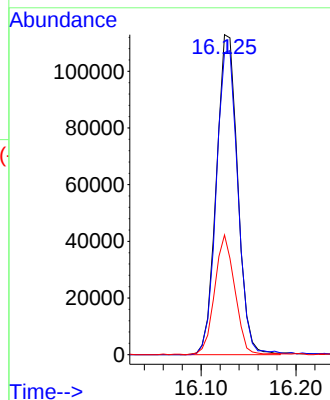


#42
2,4,6-Tribromophenol
Concen: 59.26 ng
RT: 16.125 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

Instrument :
BNA_G
ClientSampleId :
P0102-CAS002-0002-01

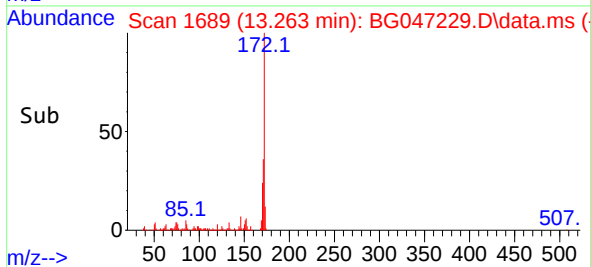
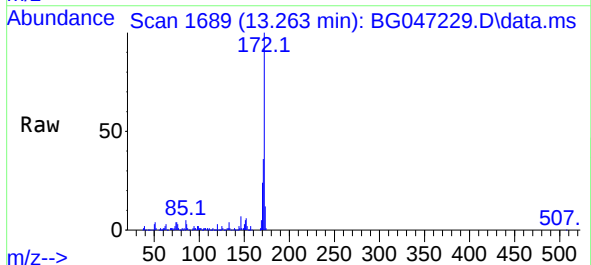
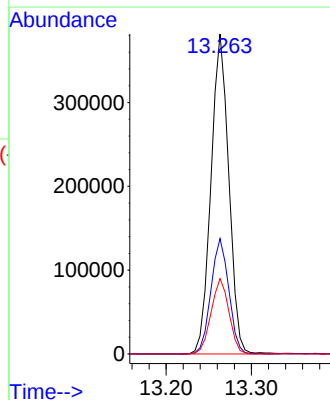


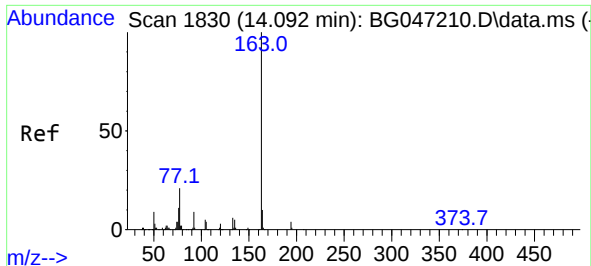
Tgt Ion:330 Resp: 176463
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 35.3 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 39.91 ng
RT: 13.263 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

Tgt Ion:172 Resp: 553311
Ion Ratio Lower Upper
172 100
171 36.1 31.3 46.9
170 23.6 20.8 31.2

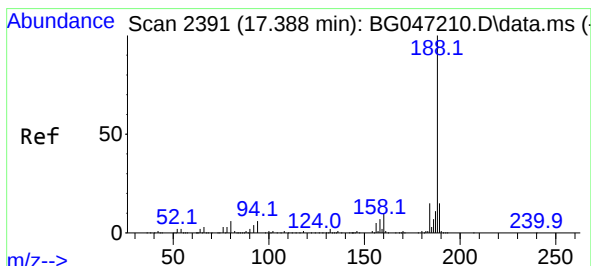
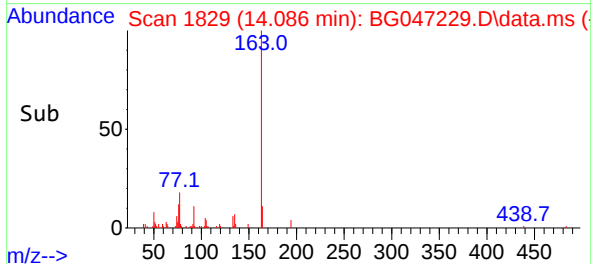
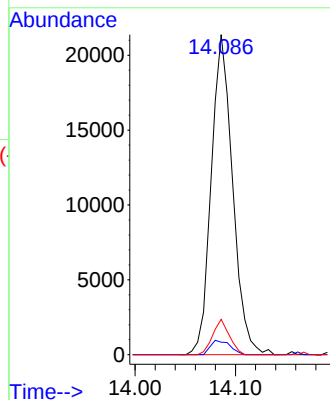
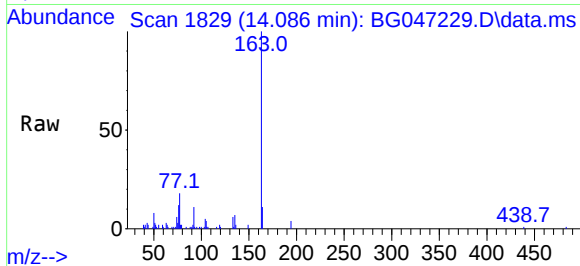




#50
Dimethylphthalate
Concen: 2.02 ng
RT: 14.086 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

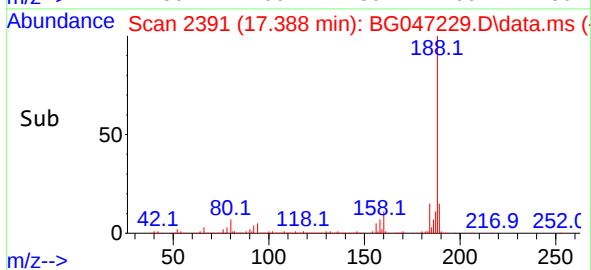
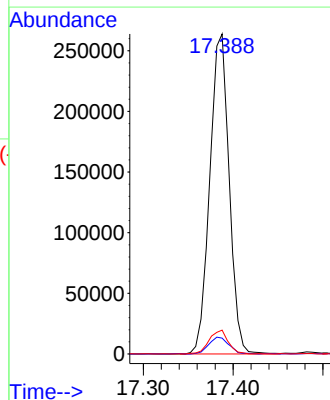
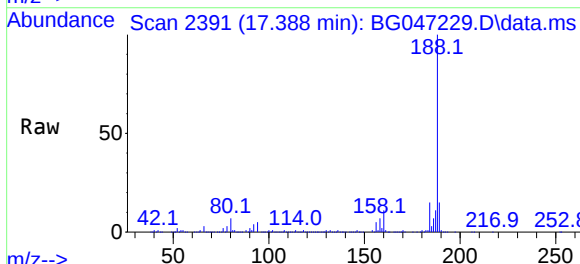
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ClientSampleId :
P0102-CAS002-0002-01

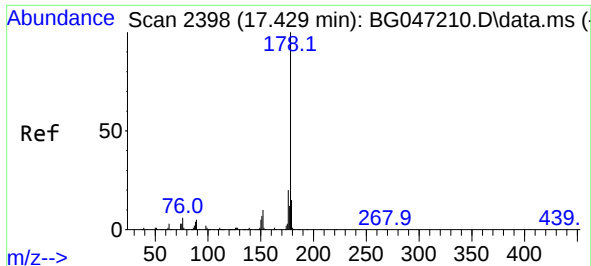
Tgt Ion:163	Resp:	31732	
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.8	5.8
164	11.0	8.8	13.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.388 min Scan# 2391
Delta R.T. -0.000 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

Tgt Ion:188	Resp:	394899	
Ion	Ratio	Lower	Upper
188	100		
94	5.0	6.3	9.5#
80	7.5	7.0	10.6

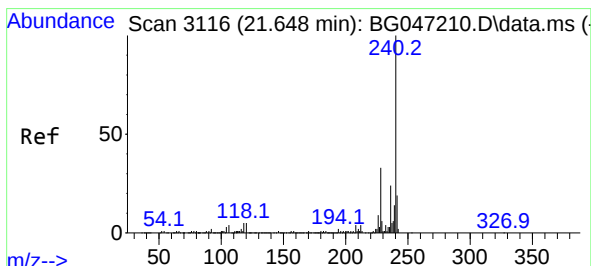
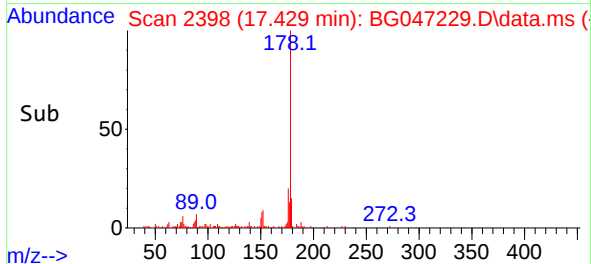
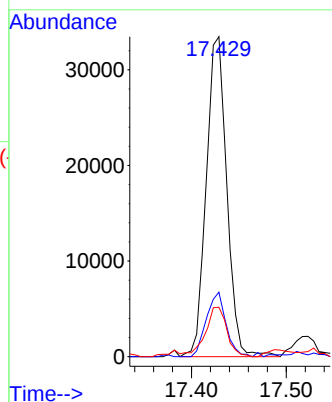
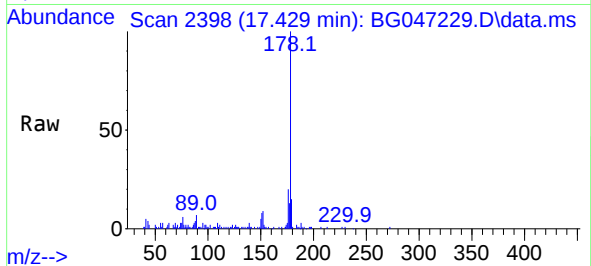




#71
Phenanthrene
Concen: 2.20 ng
RT: 17.429 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

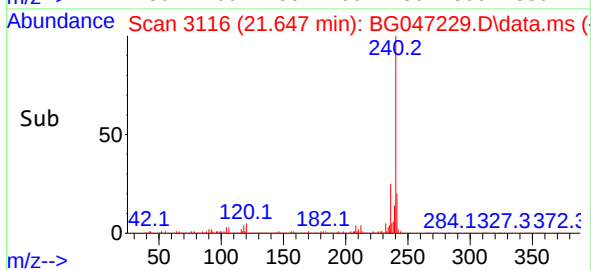
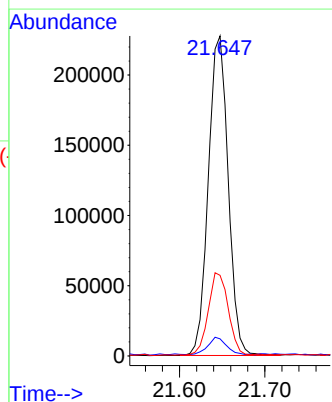
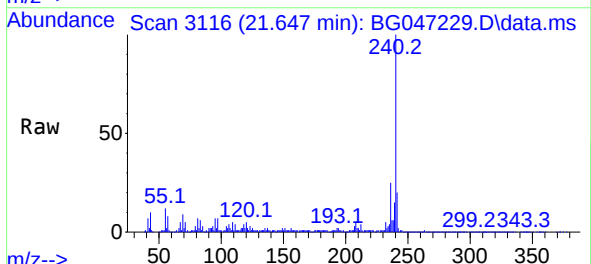
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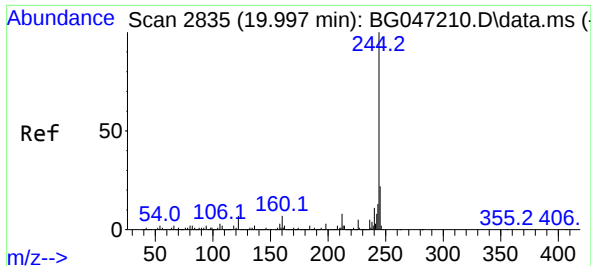
Tgt Ion:178 Resp: 50438
Ion Ratio Lower Upper
178 100
176 20.1 16.7 25.1
179 15.5 14.0 21.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.647 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BG047229.D
Acq: 5 Nov 2020 21:42

Tgt Ion:240 Resp: 367896
Ion Ratio Lower Upper
240 100
120 5.4 6.2 9.4#
236 25.2 20.5 30.7

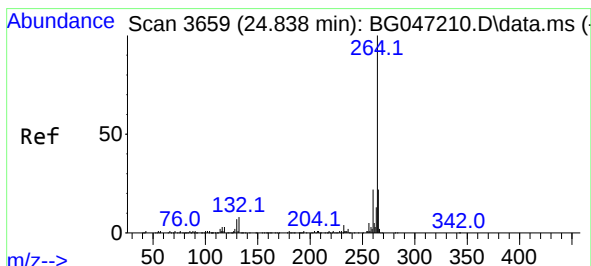
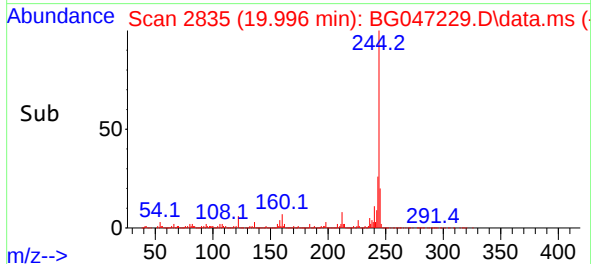
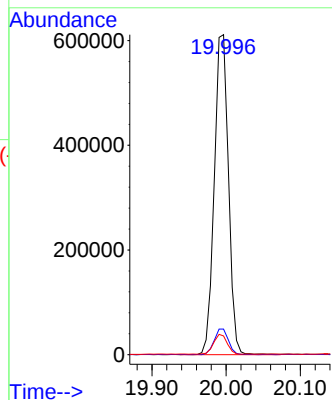
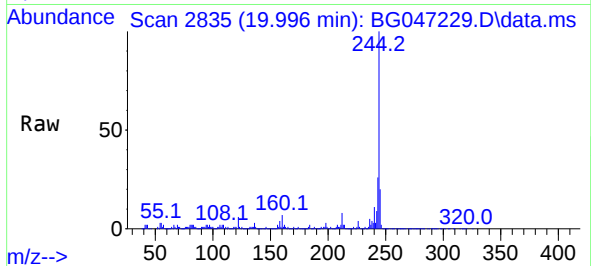




#79
 Terphenyl-d14
 Concen: 38.72 ng
 RT: 19.996 min Scan# 2835
 Delta R.T. -0.000 min
 Lab File: BG047229.D
 Acq: 5 Nov 2020 21:42

Instrument :
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 P0102-CAS002-0002-01

Tgt Ion:244 Resp: 809973
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.7 10.1
 122 5.9 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.844 min Scan# 3660
 Delta R.T. 0.005 min
 Lab File: BG047229.D
 Acq: 5 Nov 2020 21:42

Tgt Ion:264 Resp: 382823
 Ion Ratio Lower Upper
 264 100
 260 25.6 18.8 28.2
 265 21.8 17.8 26.8

