

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081222\
 Data File : BG054619.D
 Acq On : 12 Aug 2022 12:40
 Operator : CG/JU
 Sample : N4046-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-09

Quant Time: Aug 13 00:36:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 00:32:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	15193	20.000	ng	0.00
21) Naphthalene-d8	10.778	136	60625	20.000	ng	# 0.00
39) Acenaphthene-d10	14.609	164	47795	20.000	ng	0.00
64) Phenanthrene-d10	17.359	188	131982	20.000	ng	# 0.00
76) Chrysene-d12	21.624	240	160797	20.000	ng	# 0.00
86) Perylene-d12	24.826	264	167085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	76785	105.521	ng	0.00
7) Phenol-d6	7.170	99	109685	110.005	ng	0.00
23) Nitrobenzene-d5	9.133	82	75820	68.106	ng	0.00
42) 2,4,6-Tribromophenol	16.107	330	86536	86.233	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	231688	68.384	ng	0.00
79) Terphenyl-d14	19.961	244	593608	73.235	ng	0.00

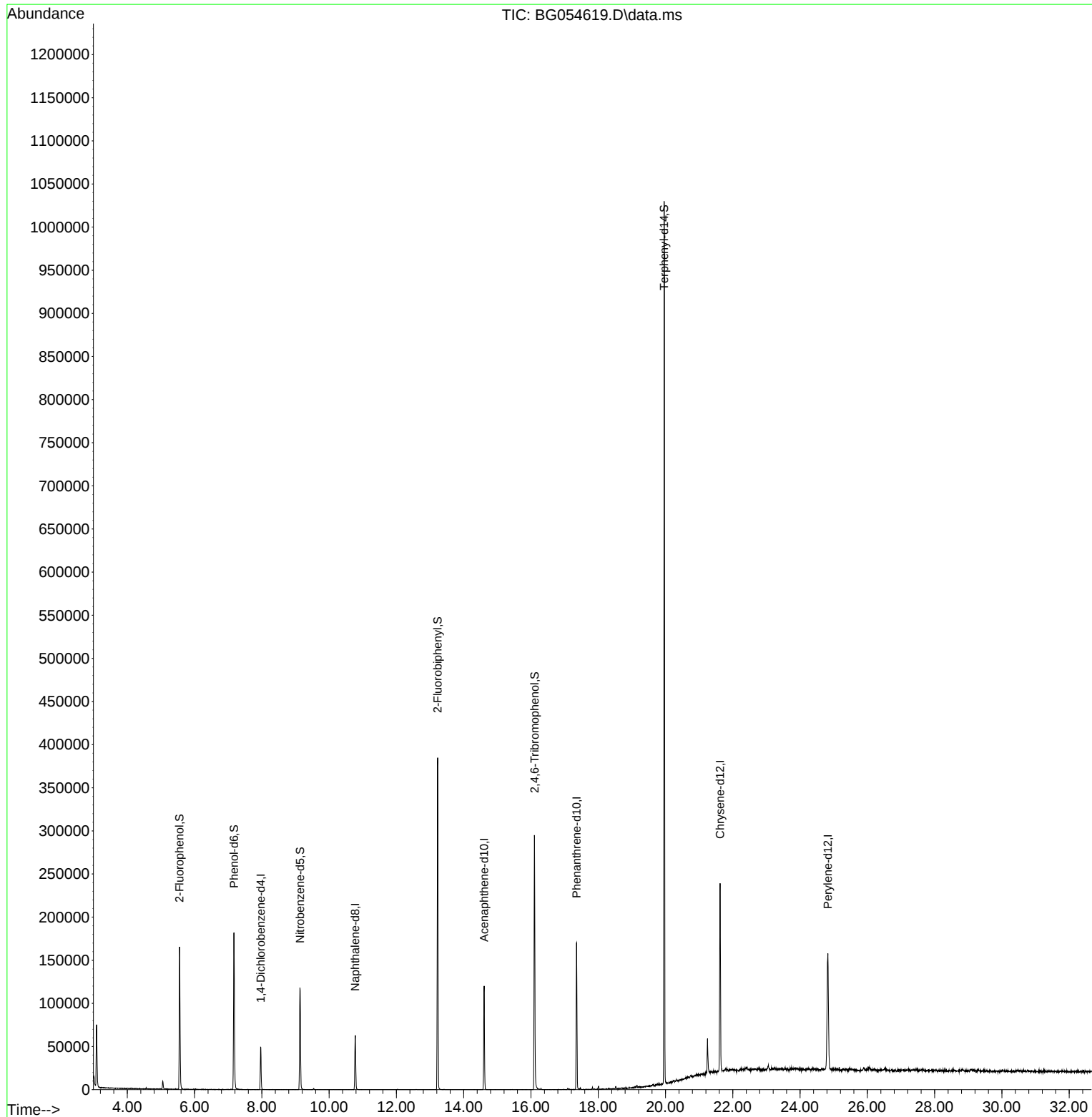
Target Compounds	Qvalue

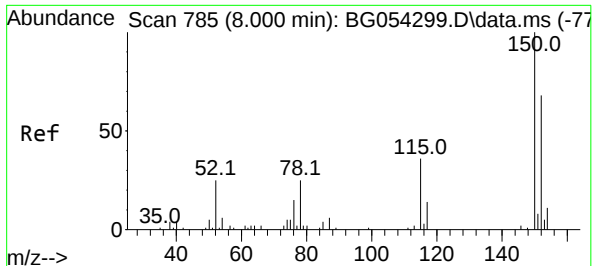
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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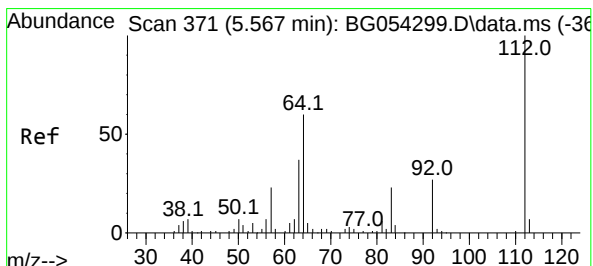
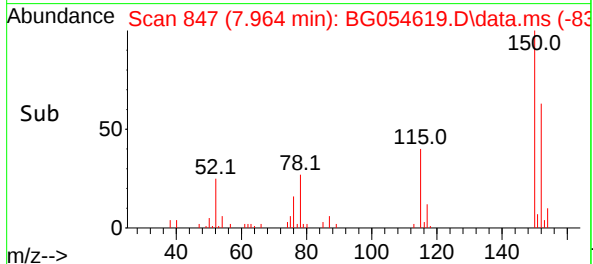
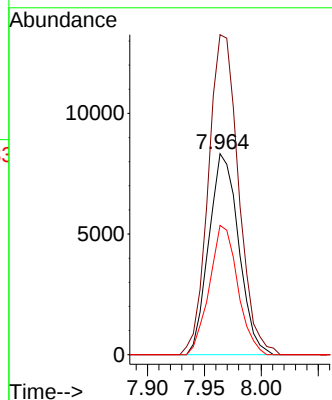
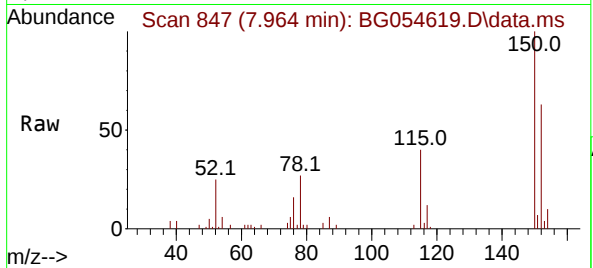




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.964 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG054619.D
Acq: 12 Aug 2022 12:40

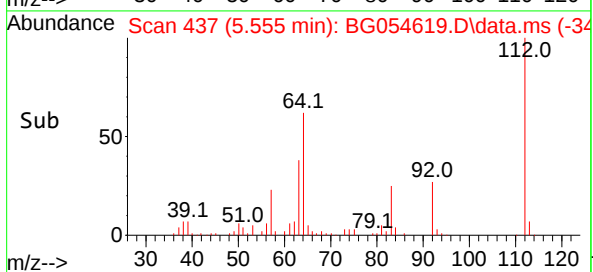
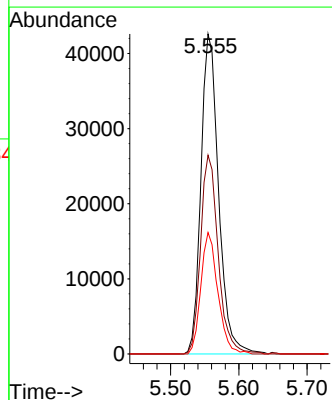
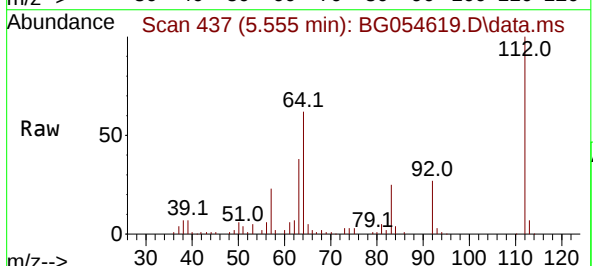
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-09

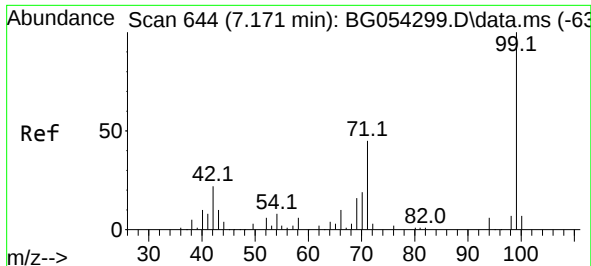
Tgt Ion:152 Resp: 15193
Ion Ratio Lower Upper
152 100
150 159.2 131.6 197.4
115 64.3 50.9 76.3



#5
2-Fluorophenol
Concen: 105.521 ng
RT: 5.555 min Scan# 437
Delta R.T. 0.002 min
Lab File: BG054619.D
Acq: 12 Aug 2022 12:40

Tgt Ion:112 Resp: 76785
Ion Ratio Lower Upper
112 100
64 62.1 55.1 82.7
63 38.0 30.4 45.6

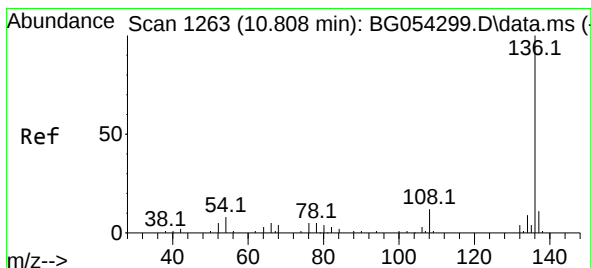
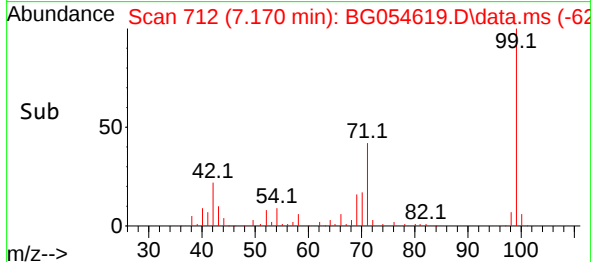
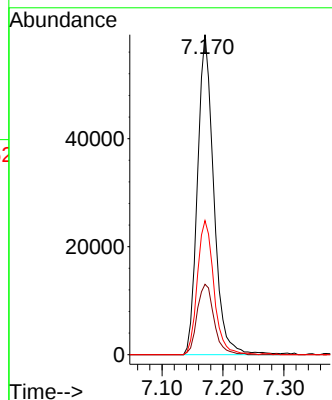
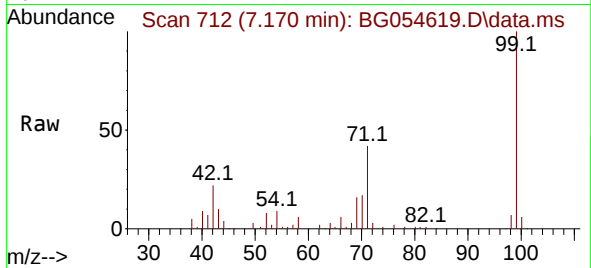




#7
Phenol-d6
Concen: 110.005 ng
RT: 7.170 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG054619.D
Acq: 12 Aug 2022 12:40

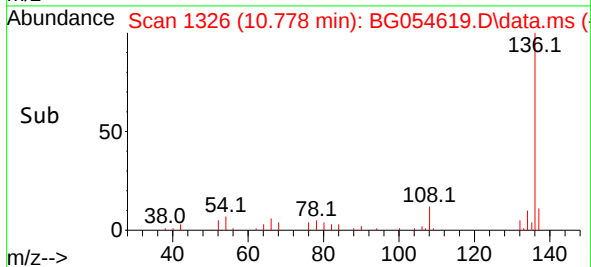
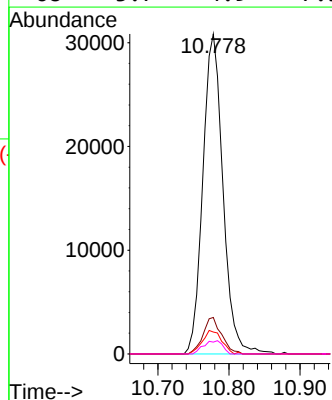
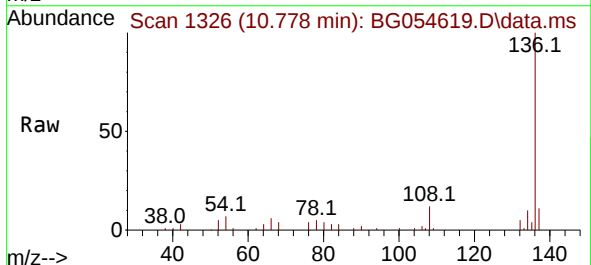
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ClientSampleId :
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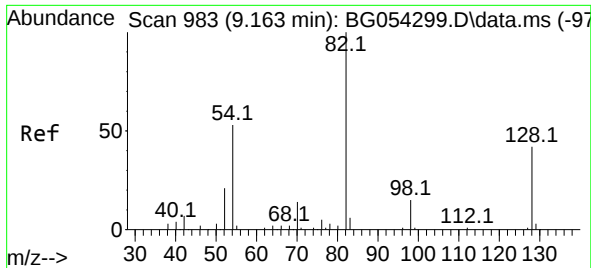
Tgt Ion: 99 Resp: 109685
Ion Ratio Lower Upper
99 100
42 22.0 17.0 25.6
71 41.9 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.778 min Scan# 1326
Delta R.T. 0.002 min
Lab File: BG054619.D
Acq: 12 Aug 2022 12:40

Tgt Ion: 136 Resp: 60625
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 6.9 7.4 11.2#
68 3.7 4.9 7.3#

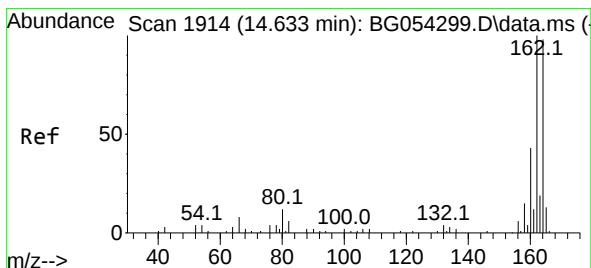
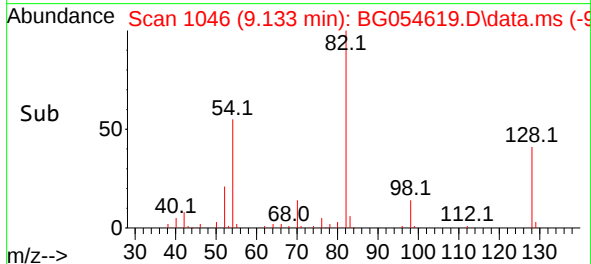
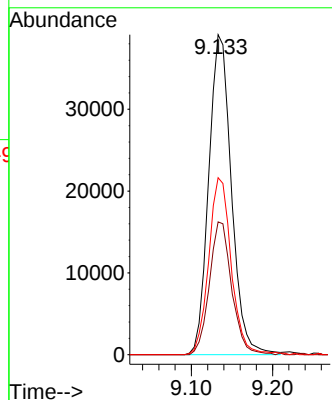
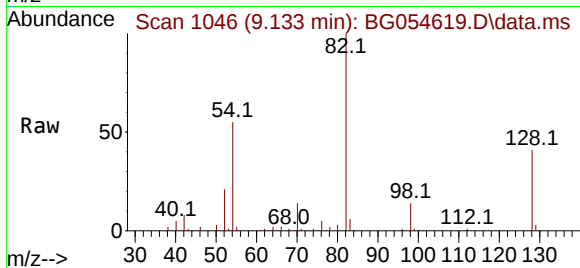




#23
Nitrobenzene-d5
Concen: 68.106 ng
RT: 9.133 min Scan# 1046
Delta R.T. -0.004 min
Lab File: BG054619.D
Acq: 12 Aug 2022 12:40

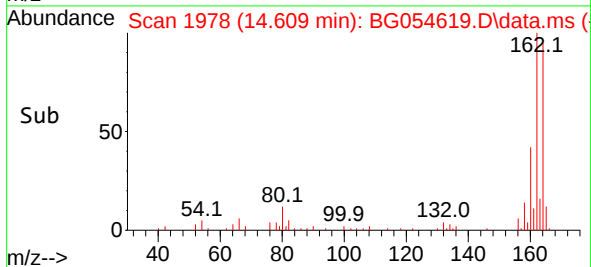
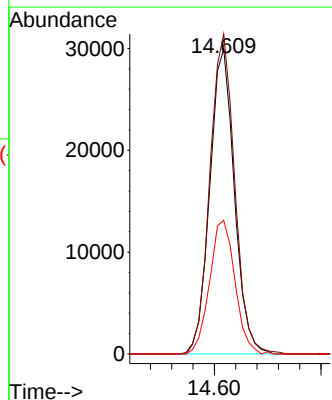
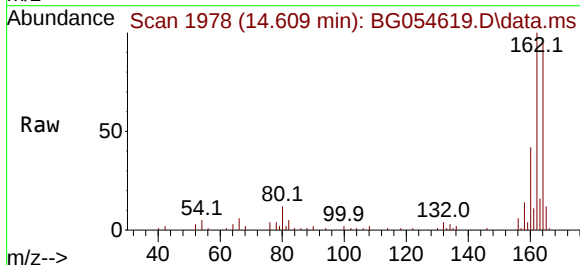
Instrument :
BNA_G
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BEACONPOINT-BACKFILL-09

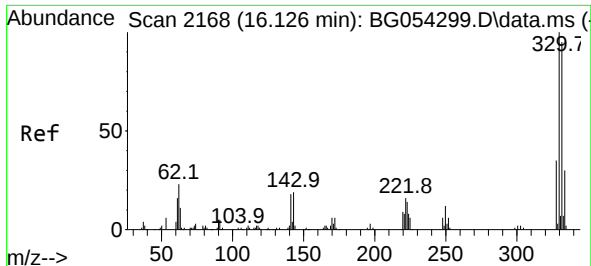
Tgt Ion: 82 Resp: 75820
Ion Ratio Lower Upper
82 100
128 41.5 27.9 41.9
54 55.3 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.609 min Scan# 1978
Delta R.T. 0.002 min
Lab File: BG054619.D
Acq: 12 Aug 2022 12:40

Tgt Ion:164 Resp: 47795
Ion Ratio Lower Upper
164 100
162 104.9 82.3 123.5
160 43.8 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 86.233 ng

RT: 16.107 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG054619.D

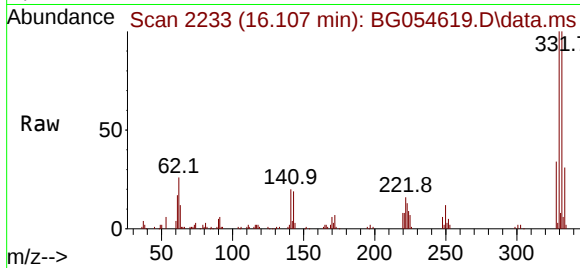
Acq: 12 Aug 2022 12:40

Instrument :

BNA_G

ClientSampleId :

BEACONPOINT-BACKFILL-09



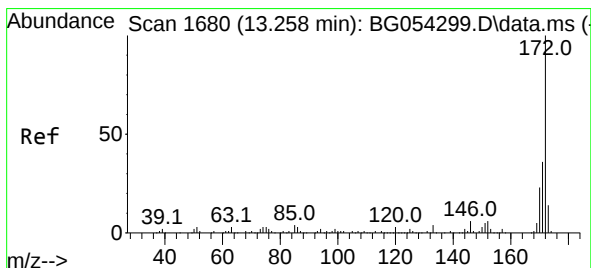
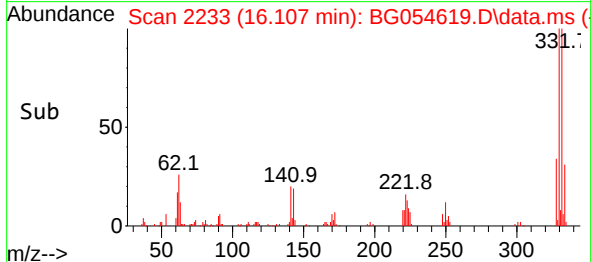
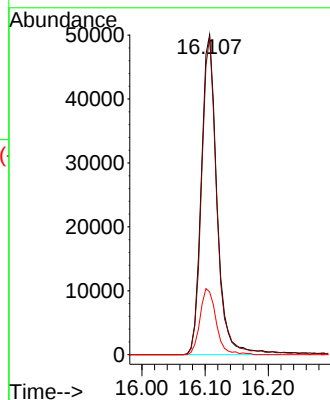
Tgt Ion:330 Resp: 86536

Ion Ratio Lower Upper

330 100

332 96.0 76.0 114.0

141 21.1 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 68.384 ng

RT: 13.228 min Scan# 1743

Delta R.T. 0.002 min

Lab File: BG054619.D

Acq: 12 Aug 2022 12:40

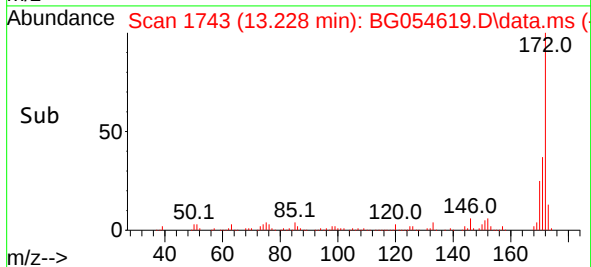
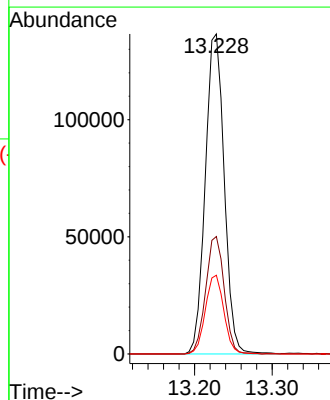
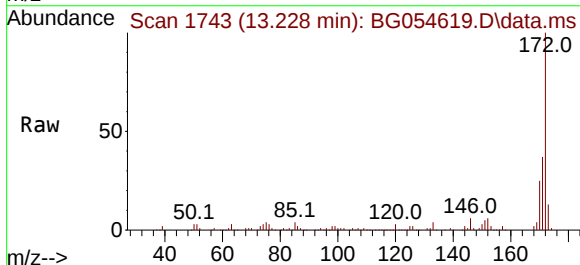
Tgt Ion:172 Resp: 231688

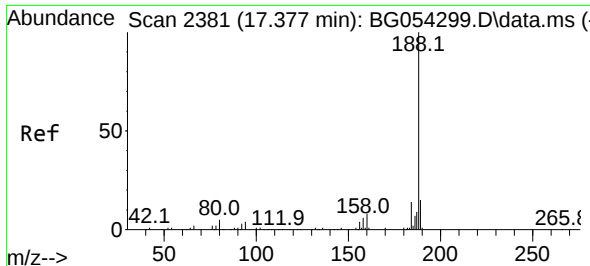
Ion Ratio Lower Upper

172 100

171 36.7 28.5 42.7

170 24.6 18.9 28.3

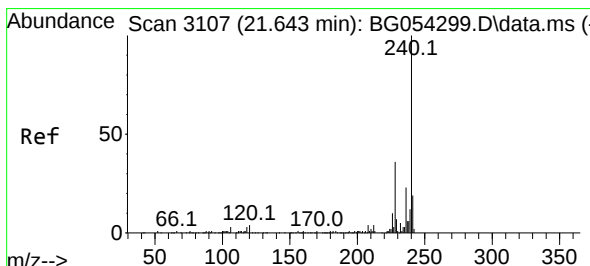
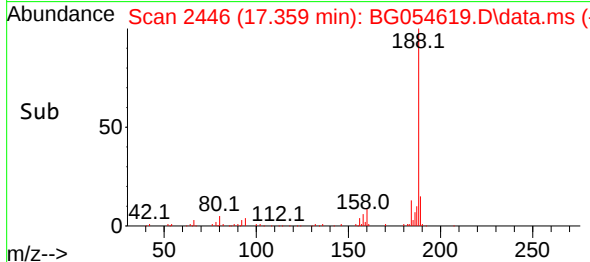
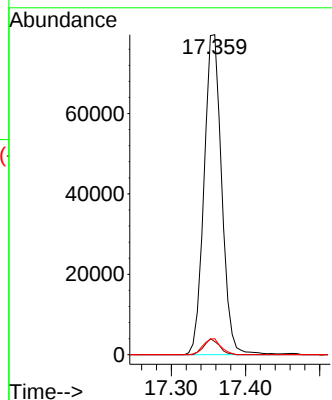
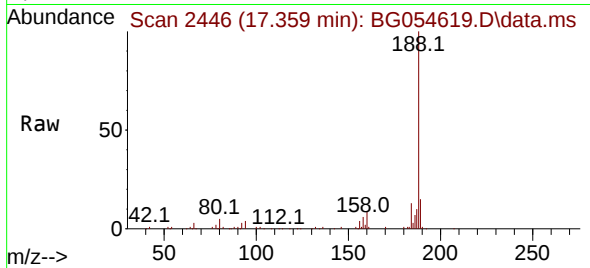




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.359 min Scan# 2446
Delta R.T. 0.002 min
Lab File: BG054619.D
Acq: 12 Aug 2022 12:40

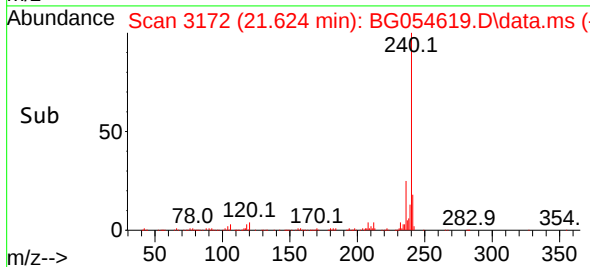
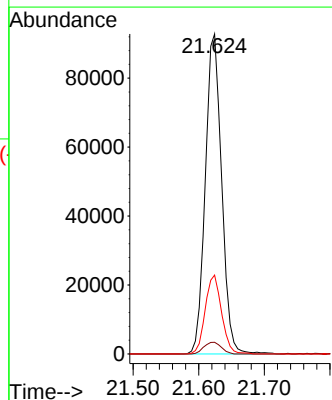
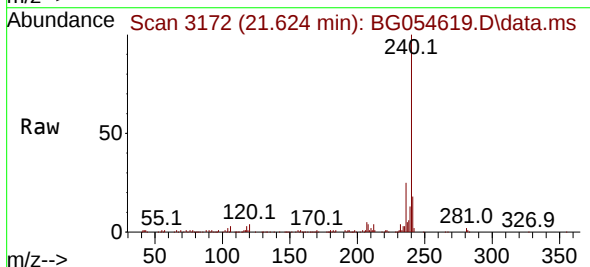
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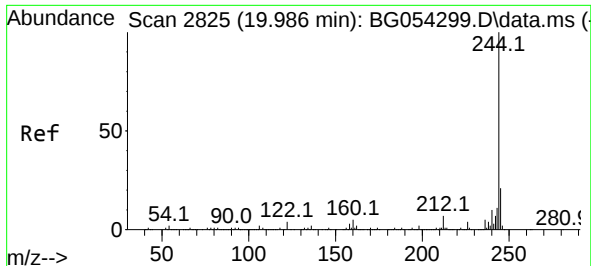
Tgt Ion:188 Resp: 131982
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0#
80 5.0 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3172
Delta R.T. -0.004 min
Lab File: BG054619.D
Acq: 12 Aug 2022 12:40

Tgt Ion:240 Resp: 160797
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 24.6 20.2 30.4

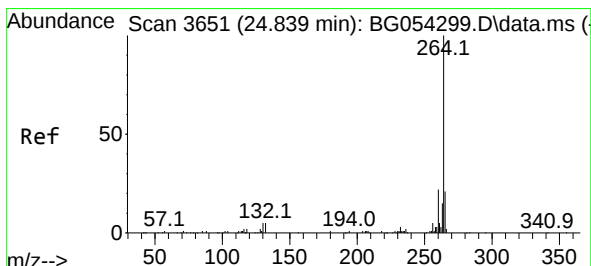
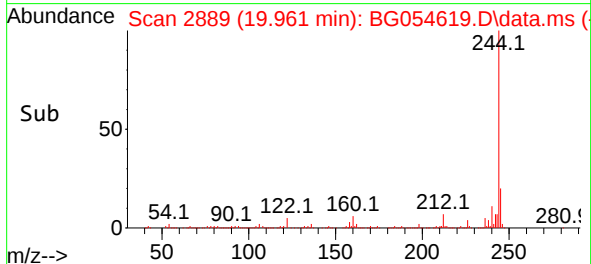
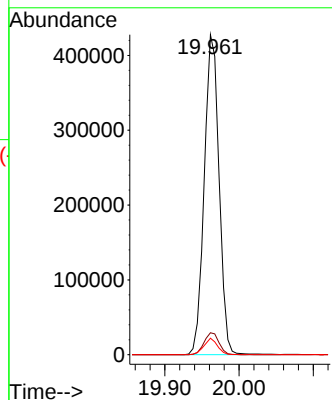
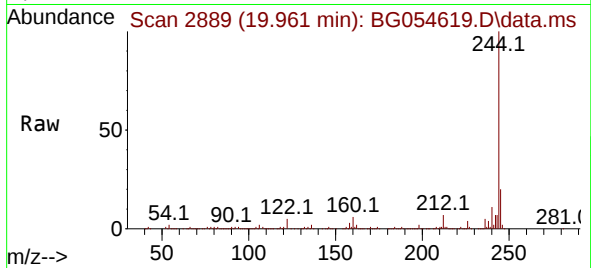




#79
 Terphenyl-d14
 Concen: 73.235 ng
 RT: 19.961 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG054619.D
 Acq: 12 Aug 2022 12:40

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-09

Tgt Ion:244 Resp: 593608
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 5.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.826 min Scan# 3717
 Delta R.T. 0.002 min
 Lab File: BG054619.D
 Acq: 12 Aug 2022 12:40

Tgt Ion:264 Resp: 167085
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.1 17.4 26.2

