

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081222\
 Data File : BG054624.D
 Acq On : 12 Aug 2022 16:07
 Operator : CG/JU
 Sample : N4046-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-04

Quant Time: Aug 13 00:38:53 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	7.970	152	15831	20.000	ng	0.00
21) Naphthalene-d8	10.779	136	58379	20.000	ng	# 0.00
39) Acenaphthene-d10	14.610	164	46089	20.000	ng	0.00
64) Phenanthrene-d10	17.359	188	130709	20.000	ng	# 0.00
76) Chrysene-d12	21.625	240	154417	20.000	ng	# 0.00
86) Perylene-d12	24.827	264	161761	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	73461	96.885	ng	0.00
7) Phenol-d6	7.171	99	99862	96.117	ng	0.00
23) Nitrobenzene-d5	9.134	82	66300	61.846	ng	0.00
42) 2,4,6-Tribromophenol	16.108	330	82445	85.197	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	203005	62.136	ng	0.00
79) Terphenyl-d14	19.968	244	526600	67.653	ng	0.00

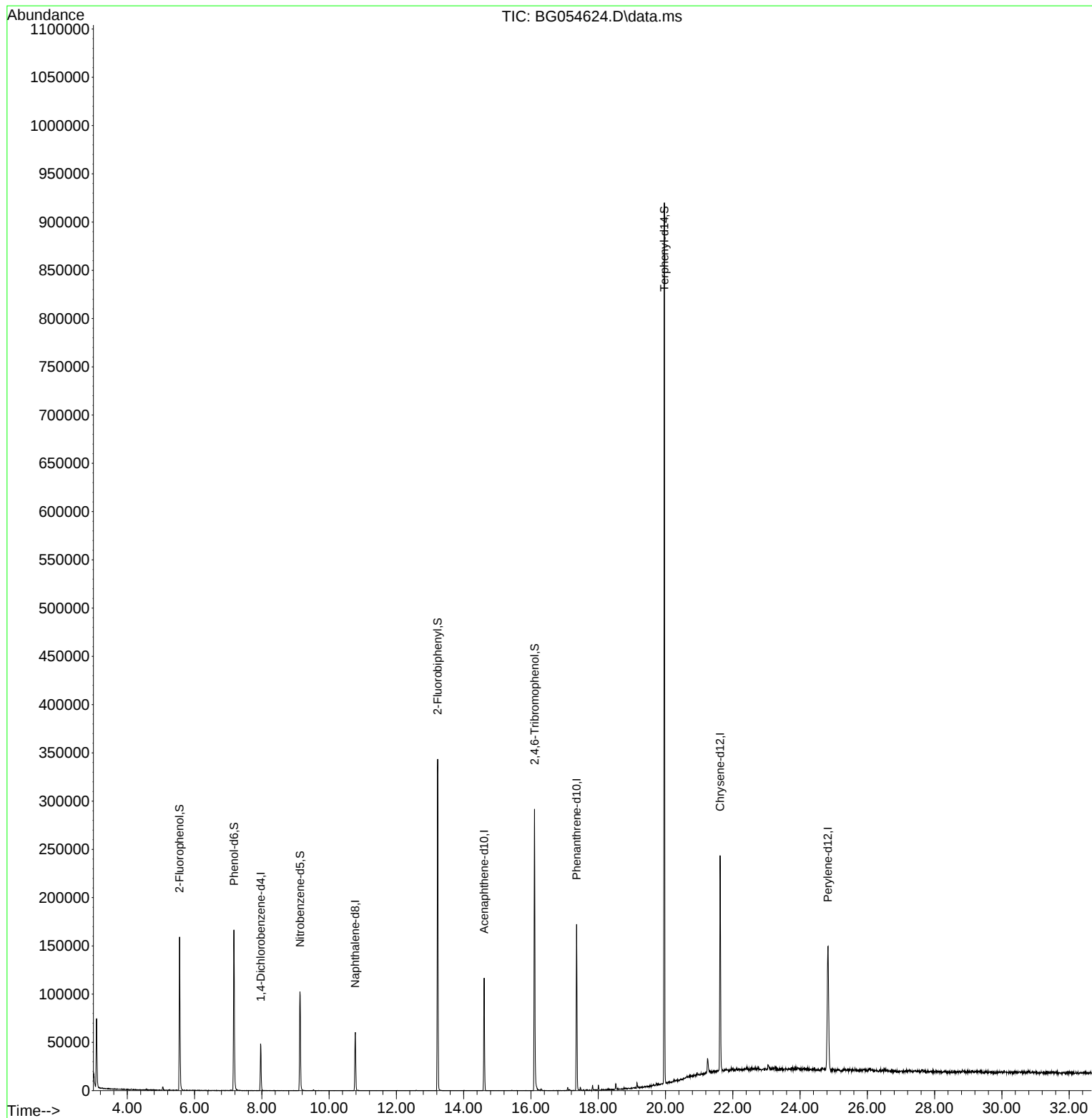
Target Compounds	Qvalue

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

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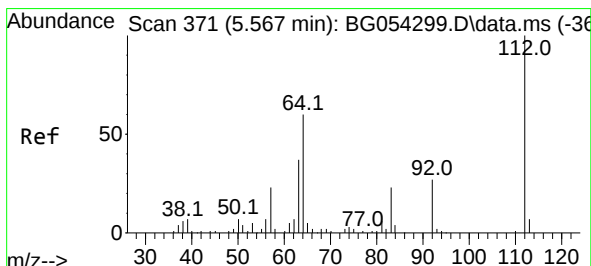
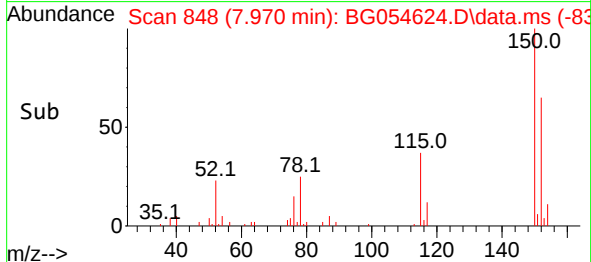
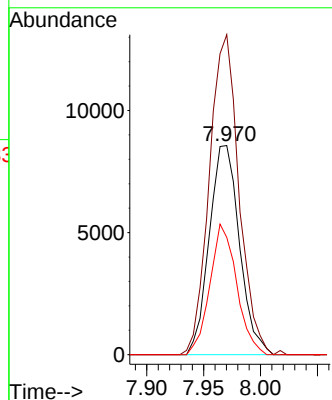
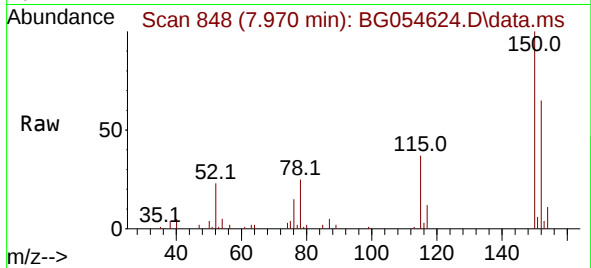




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.970 min Scan# 84
Delta R.T. 0.002 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

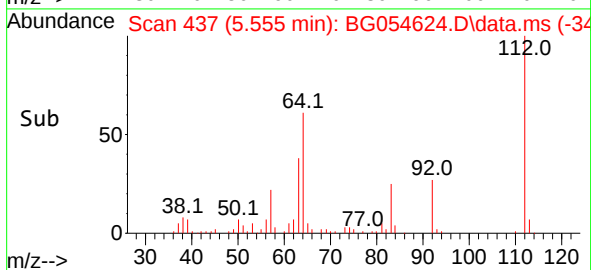
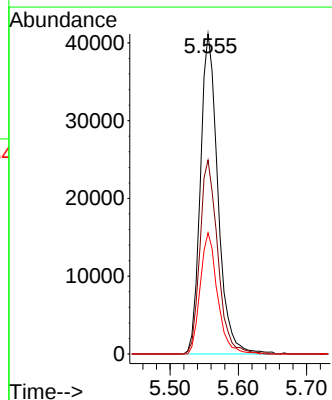
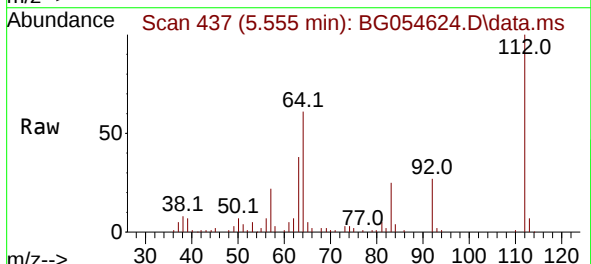
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-04

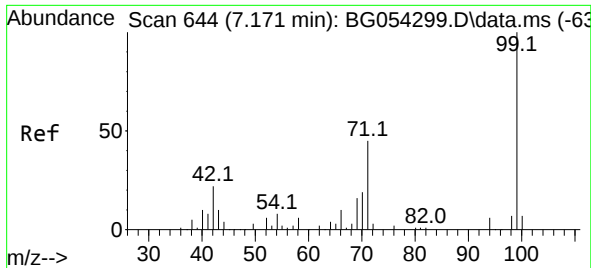
Tgt Ion:152 Resp: 15831
Ion Ratio Lower Upper
152 100
150 153.0 131.6 197.4
115 56.1 50.9 76.3



#5
2-Fluorophenol
Concen: 96.885 ng
RT: 5.555 min Scan# 437
Delta R.T. 0.002 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

Tgt Ion:112 Resp: 73461
Ion Ratio Lower Upper
112 100
64 60.6 55.1 82.7
63 37.8 30.4 45.6

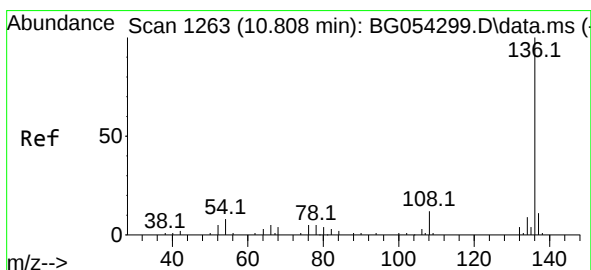
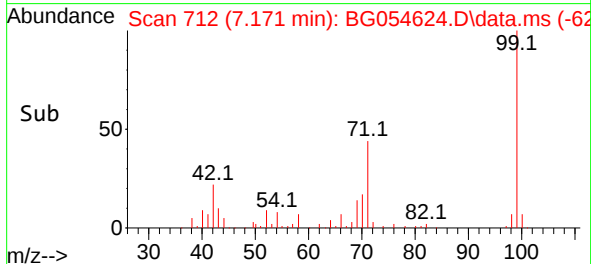
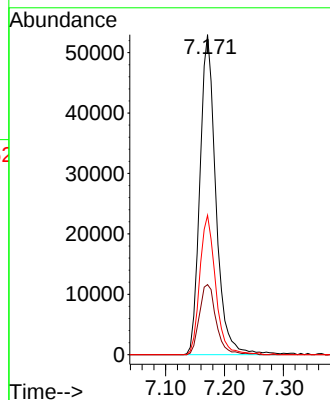
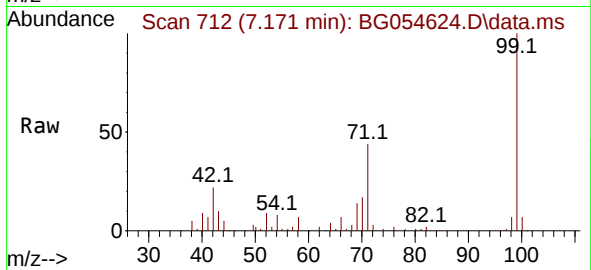




#7
Phenol-d6
Concen: 96.117 ng
RT: 7.171 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

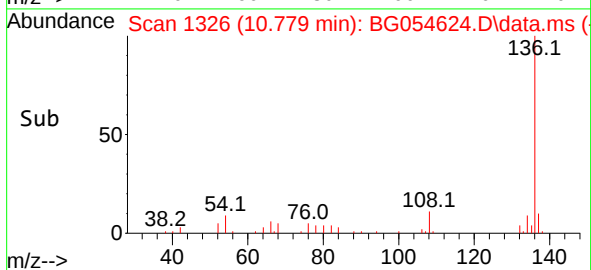
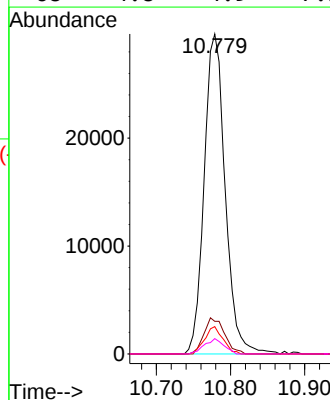
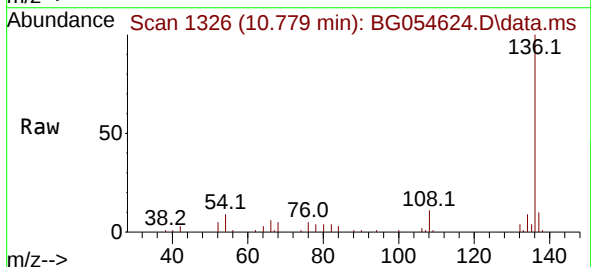
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ClientSampleId :
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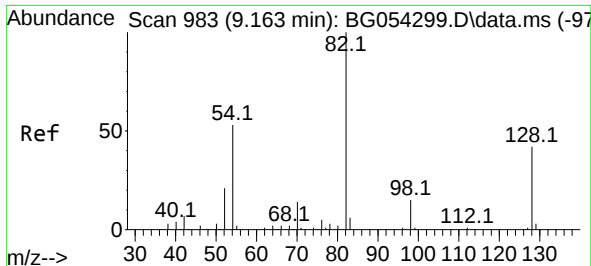
Tgt Ion: 99 Resp: 99862
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 43.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.779 min Scan# 1326
Delta R.T. 0.002 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

Tgt Ion: 136 Resp: 58379
Ion Ratio Lower Upper
136 100
137 10.2 8.5 12.7
54 8.6 7.4 11.2
68 4.8 4.9 7.3#

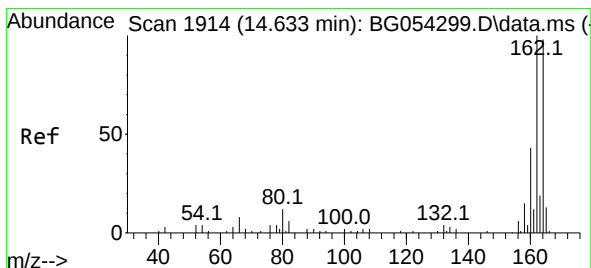
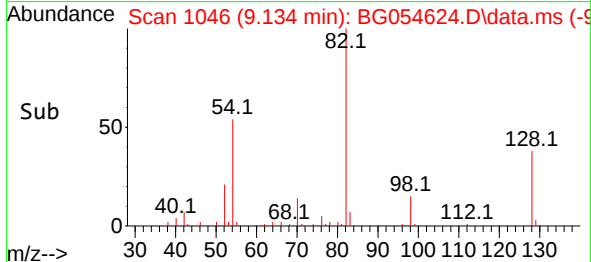
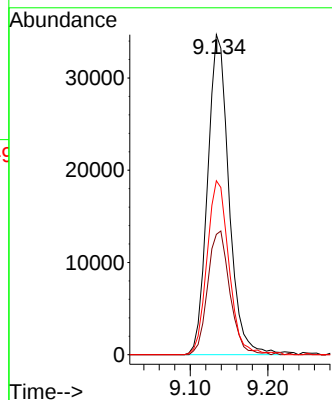
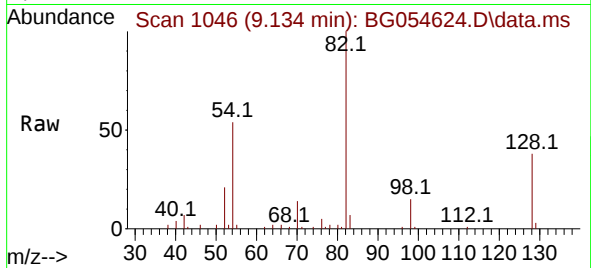




#23
Nitrobenzene-d5
Concen: 61.846 ng
RT: 9.134 min Scan# 1046
Delta R.T. -0.004 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

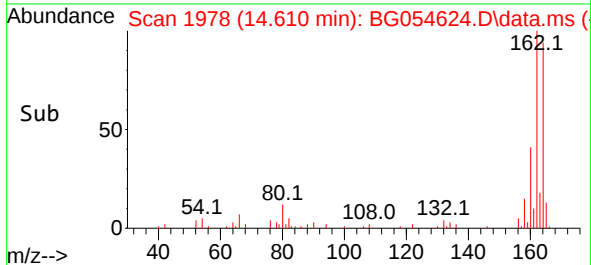
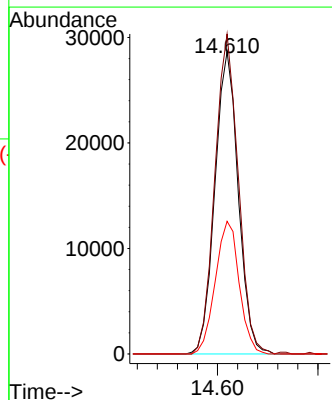
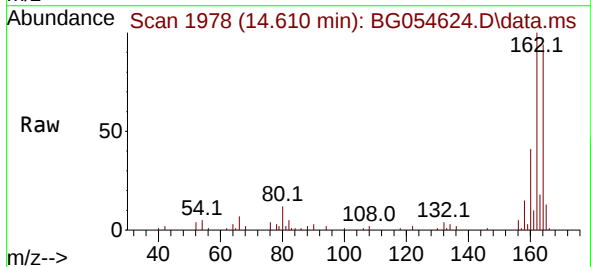
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-04

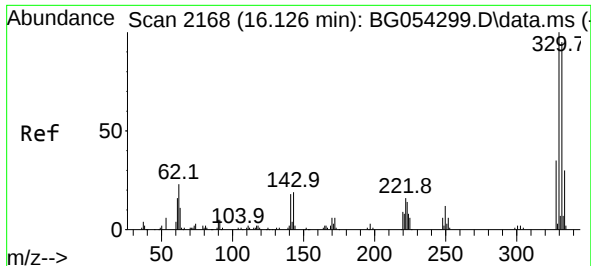
Tgt Ion: 82 Resp: 66300
Ion Ratio Lower Upper
82 100
128 37.6 27.9 41.9
54 54.3 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1978
Delta R.T. 0.002 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

Tgt Ion:164 Resp: 46089
Ion Ratio Lower Upper
164 100
162 105.9 82.3 123.5
160 43.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 85.197 ng

RT: 16.108 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG054624.D

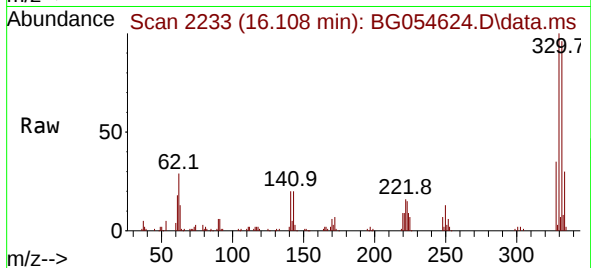
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Instrument :

BNA_G

ClientSampleId :

BEACONPOINT-BACKFILL-04



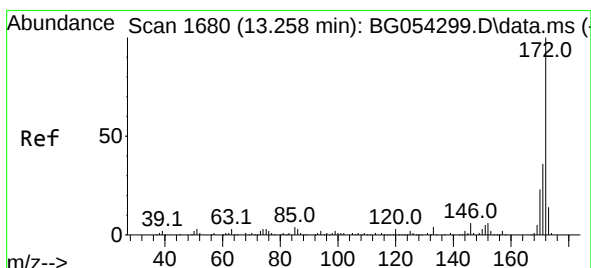
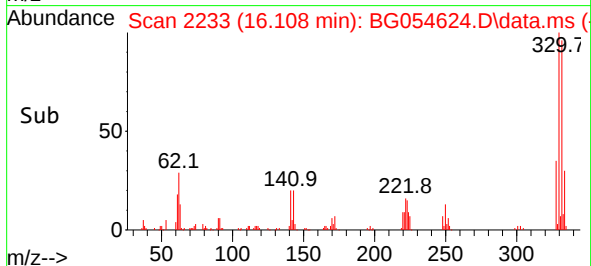
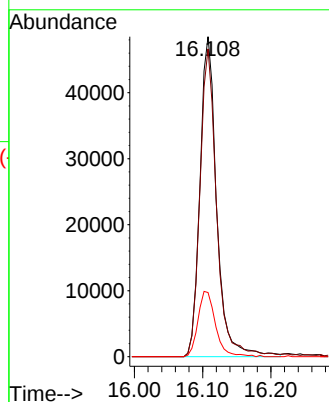
Tgt Ion:330 Resp: 82445

Ion Ratio Lower Upper

330 100

332 96.2 76.0 114.0

141 21.5 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 62.136 ng

RT: 13.229 min Scan# 1743

Delta R.T. 0.002 min

Lab File: BG054624.D

Acq: 12 Aug 2022 16:07

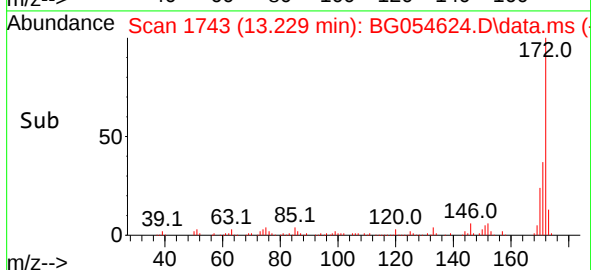
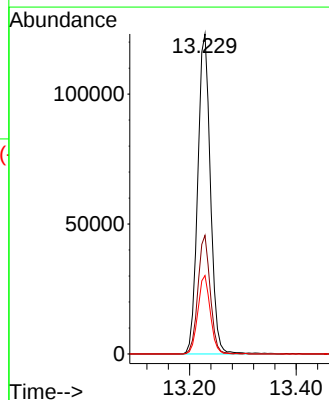
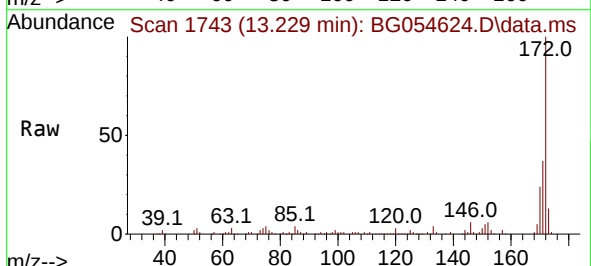
Tgt Ion:172 Resp: 203005

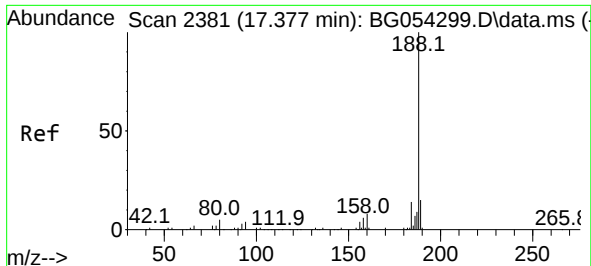
Ion Ratio Lower Upper

172 100

171 37.0 28.5 42.7

170 24.5 18.9 28.3

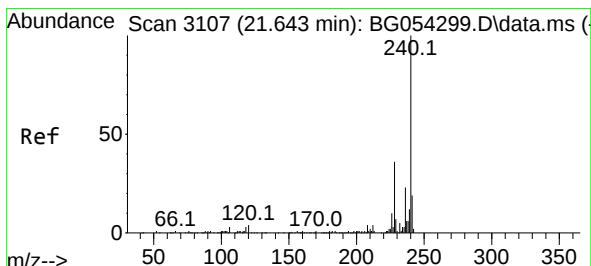
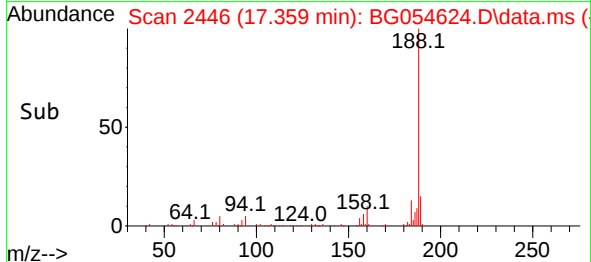
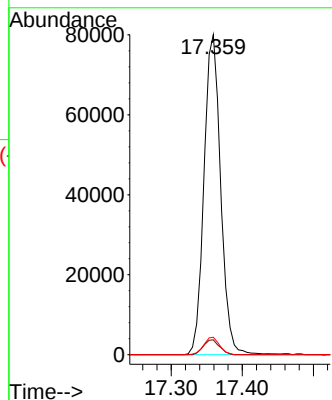
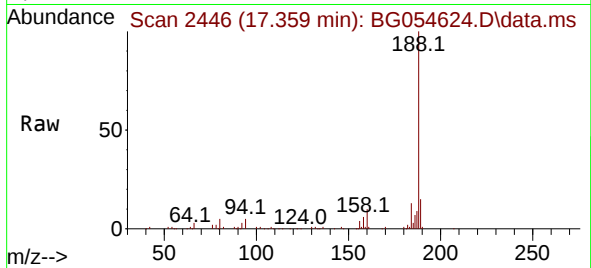




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.359 min Scan# 2446
Delta R.T. 0.002 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

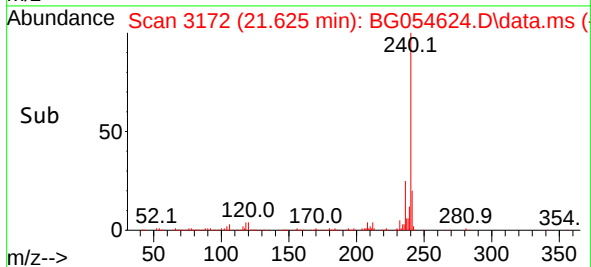
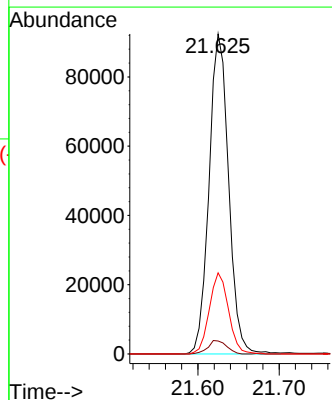
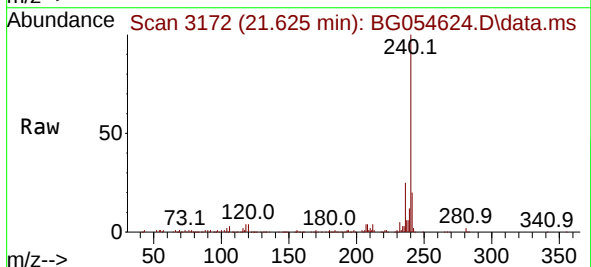
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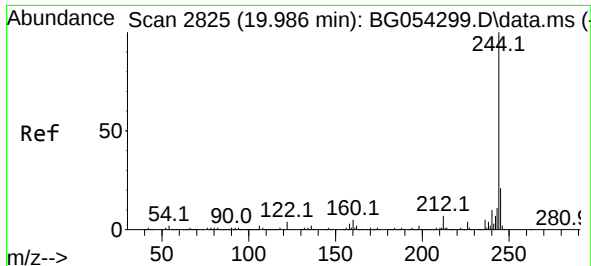
Tgt Ion:188 Resp: 130709
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 5.4 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 3172
Delta R.T. -0.004 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

Tgt Ion:240 Resp: 154417
Ion Ratio Lower Upper
240 100
120 4.0 4.6 7.0#
236 25.3 20.2 30.4

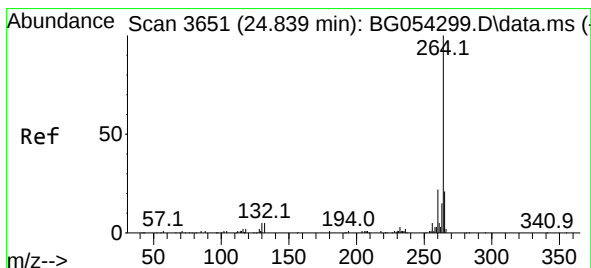
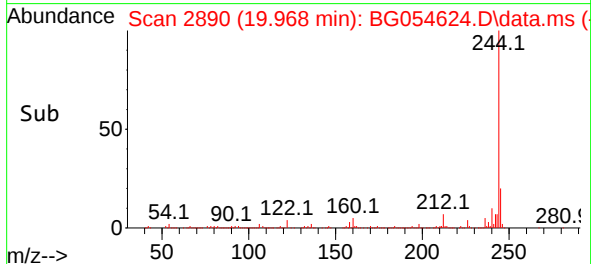
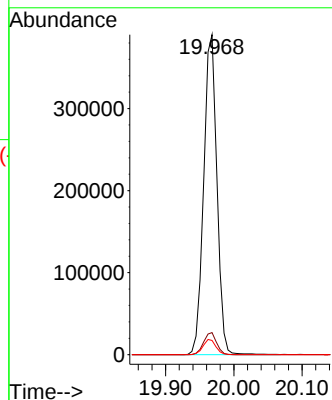
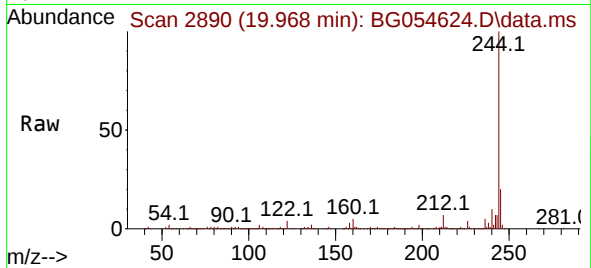




#79
 Terphenyl-d14
 Concen: 67.653 ng
 RT: 19.968 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG054624.D
 Acq: 12 Aug 2022 16:07

Instrument :
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Tgt Ion:244 Resp: 526600
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 4.4 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.827 min Scan# 3717
 Delta R.T. 0.002 min
 Lab File: BG054624.D
 Acq: 12 Aug 2022 16:07

Tgt Ion:264 Resp: 161761
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 21.8 17.4 26.2

