

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081222\
 Data File : BG054625.D
 Acq On : 12 Aug 2022 16:50
 Operator : CG/JU
 Sample : N4046-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-10

Quant Time: Aug 13 00:39:19 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	15753	20.000	ng	0.00
21) Naphthalene-d8	10.778	136	60873	20.000	ng	# 0.00
39) Acenaphthene-d10	14.609	164	46379	20.000	ng	0.00
64) Phenanthrene-d10	17.359	188	123316	20.000	ng	# 0.00
76) Chrysene-d12	21.625	240	141824	20.000	ng	# 0.00
86) Perylene-d12	24.827	264	145717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	120352	159.513	ng	0.00
7) Phenol-d6	7.171	99	162125	156.817	ng	0.00
23) Nitrobenzene-d5	9.139	82	110522	98.873	ng	0.00
42) 2,4,6-Tribromophenol	16.108	330	127974	131.419	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	320067	97.354	ng	0.00
79) Terphenyl-d14	19.968	244	727461	101.756	ng	0.00

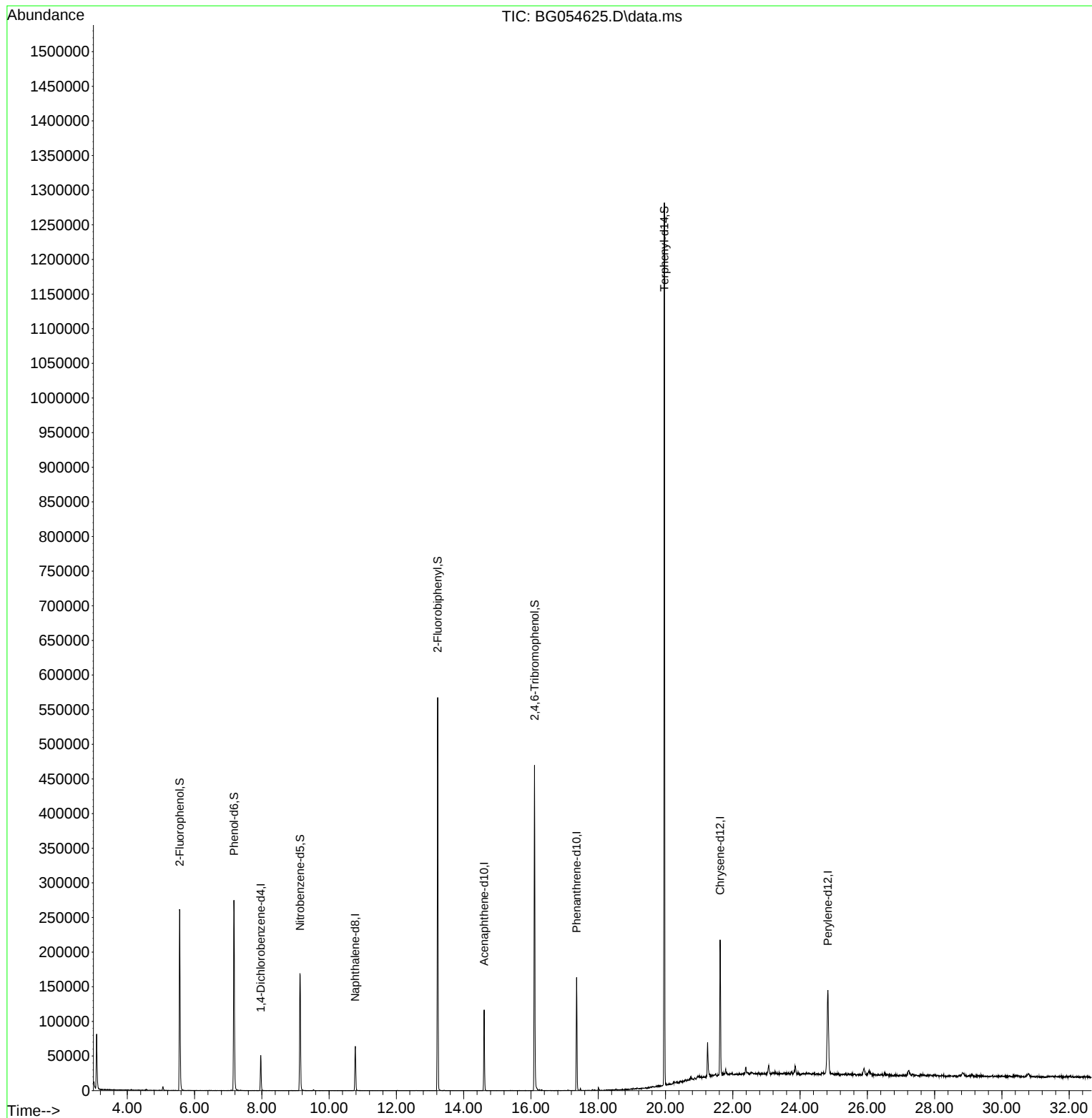
Target Compounds	Qvalue

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

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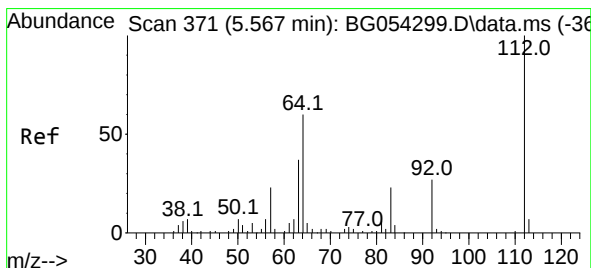
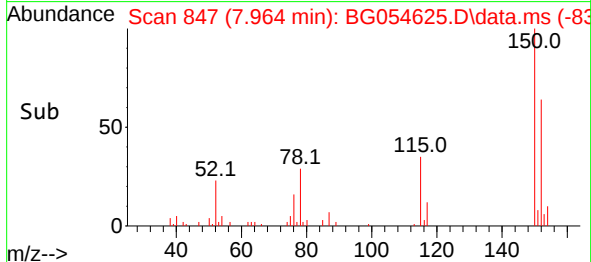
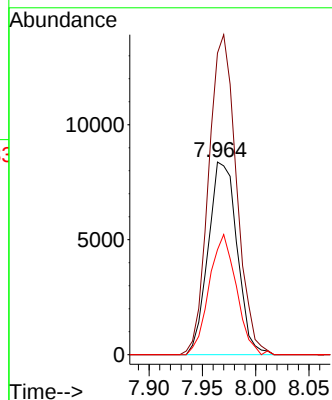
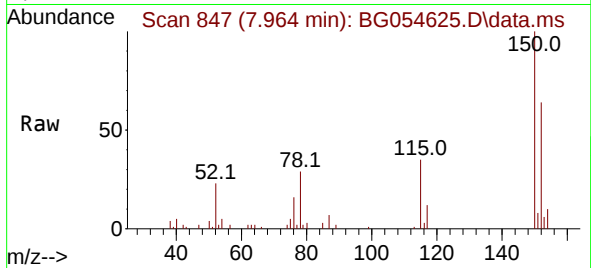




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.964 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG054625.D
Acq: 12 Aug 2022 16:50

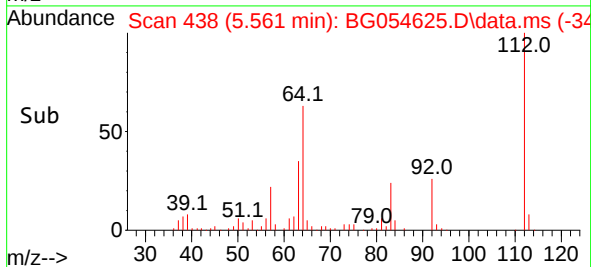
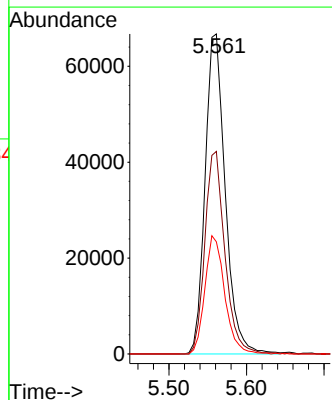
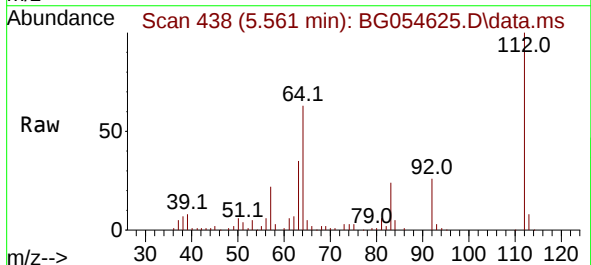
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-10

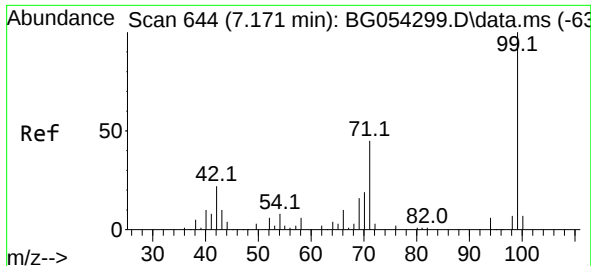
Tgt Ion:152 Resp: 15753
Ion Ratio Lower Upper
152 100
150 156.5 131.6 197.4
115 54.5 50.9 76.3



#5
2-Fluorophenol
Concen: 159.513 ng
RT: 5.561 min Scan# 438
Delta R.T. 0.008 min
Lab File: BG054625.D
Acq: 12 Aug 2022 16:50

Tgt Ion:112 Resp: 120352
Ion Ratio Lower Upper
112 100
64 63.3 55.1 82.7
63 35.1 30.4 45.6

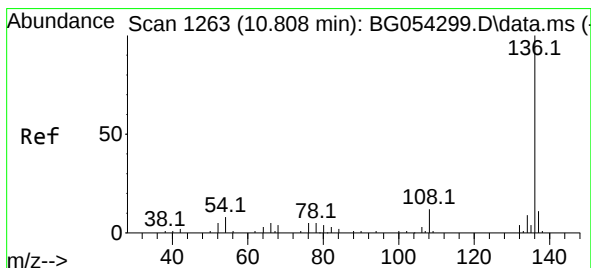
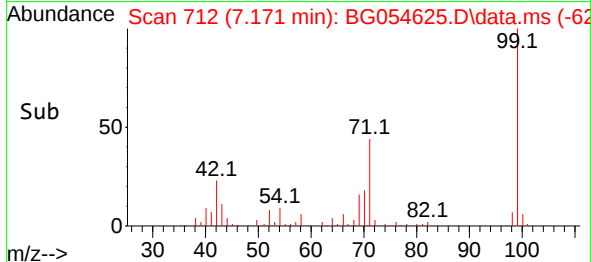
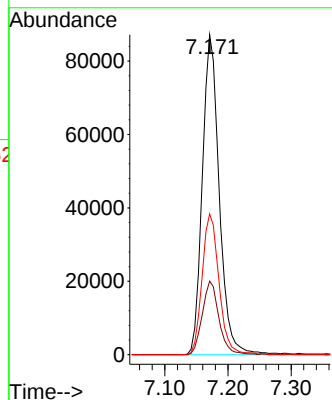
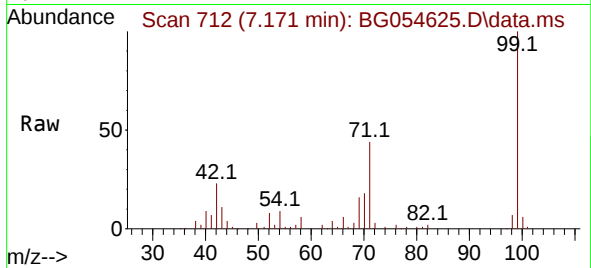




#7
Phenol-d6
Concen: 156.817 ng
RT: 7.171 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG054625.D
Acq: 12 Aug 2022 16:50

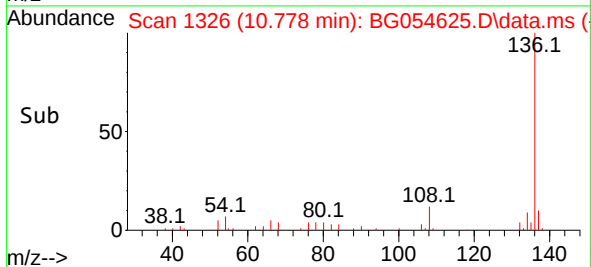
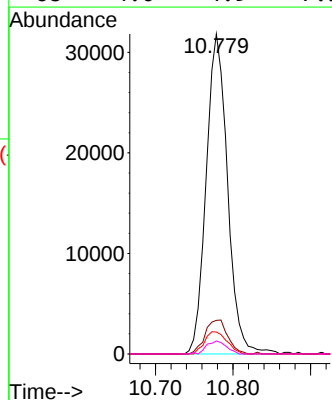
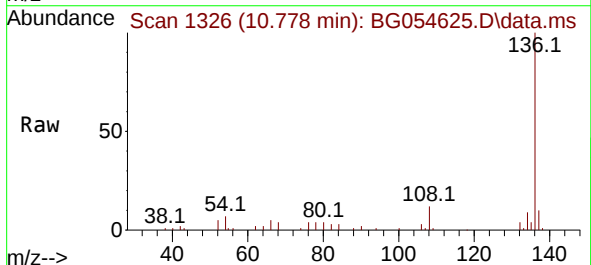
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-10

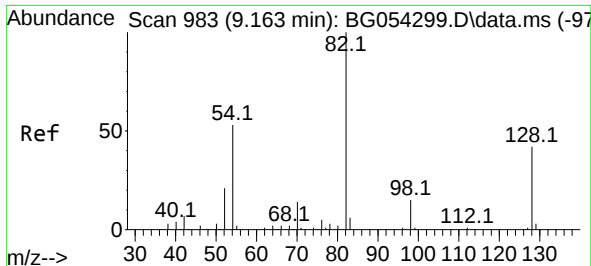
Tgt Ion: 99 Resp: 162125
Ion Ratio Lower Upper
99 100
42 23.0 17.0 25.6
71 44.0 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.778 min Scan# 1326
Delta R.T. 0.002 min
Lab File: BG054625.D
Acq: 12 Aug 2022 16:50

Tgt Ion:136 Resp: 60873
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 6.8 7.4 11.2#
68 4.0 4.9 7.3#

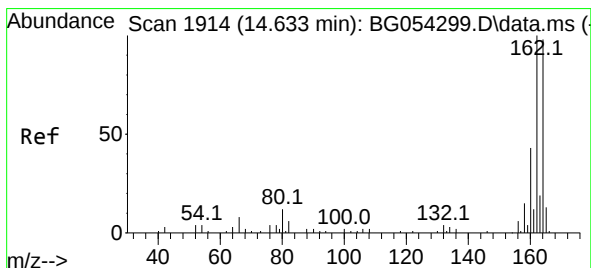
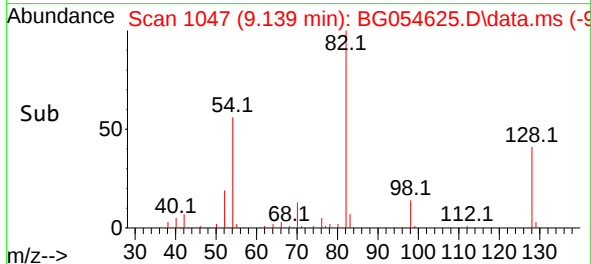
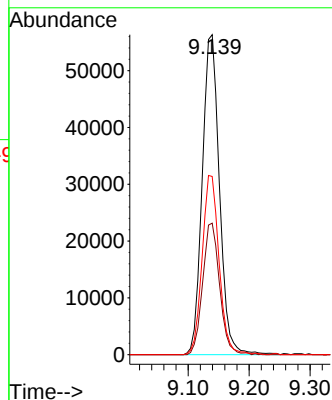
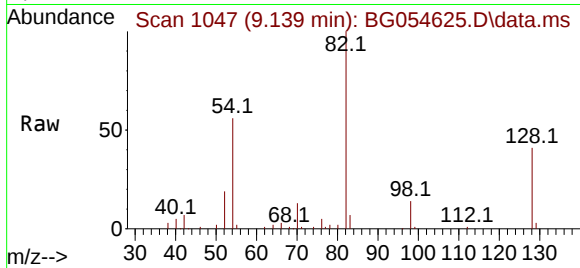




#23
Nitrobenzene-d5
Concen: 98.873 ng
RT: 9.139 min Scan# 1047
Delta R.T. 0.002 min
Lab File: BG054625.D
Acq: 12 Aug 2022 16:50

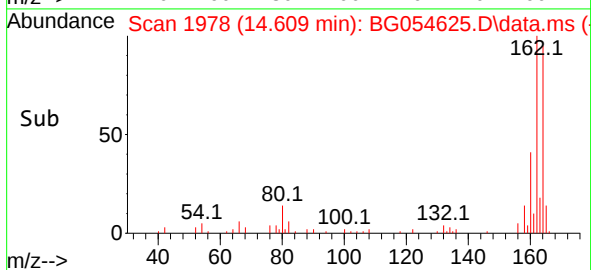
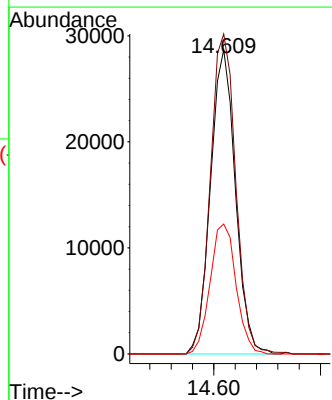
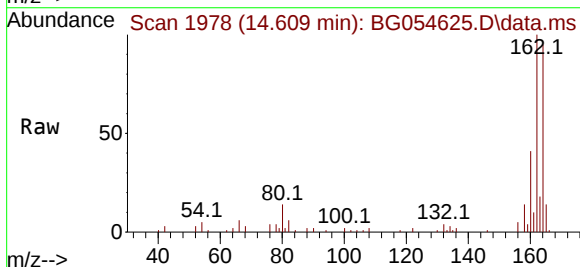
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-10

Tgt Ion: 82 Resp: 110522
Ion Ratio Lower Upper
82 100
128 41.1 27.9 41.9
54 55.7 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: BG054625.D
Acq: 12 Aug 2022 16:50

Tgt Ion:164 Resp: 46379
Ion Ratio Lower Upper
164 100
162 105.2 82.3 123.5
160 42.7 34.2 51.2

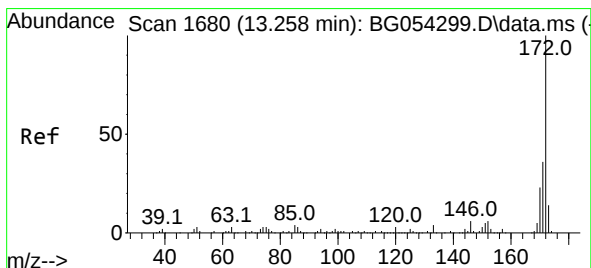
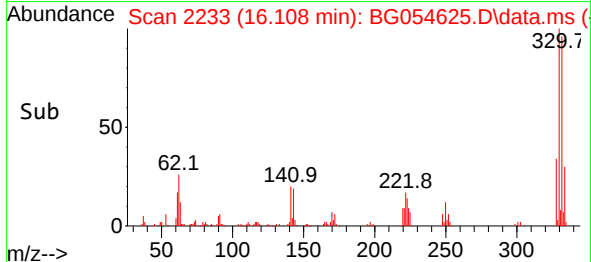
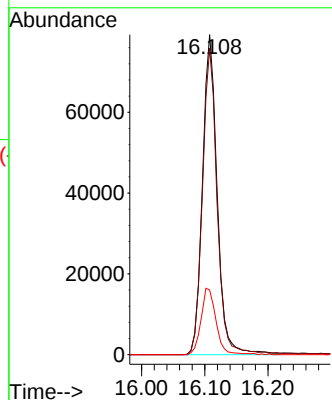
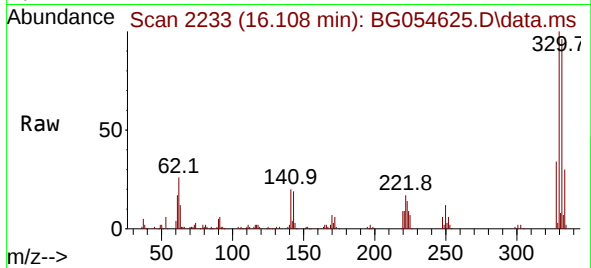




#42
2,4,6-Tribromophenol
Concen: 131.419 ng
RT: 16.108 min Scan# 2168
Delta R.T. -0.004 min
Lab File: BG054625.D
Acq: 12 Aug 2022 16:50

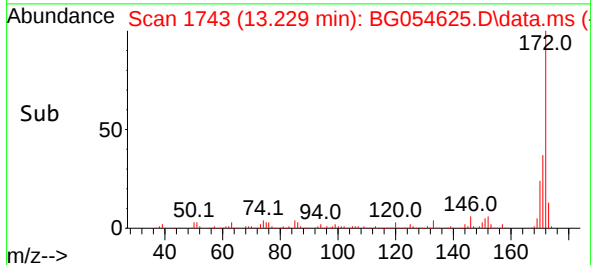
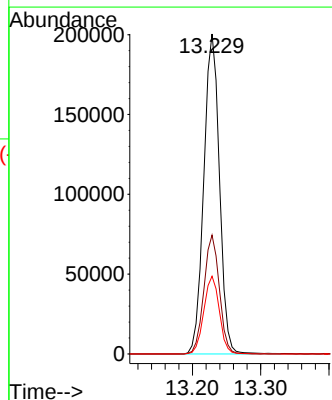
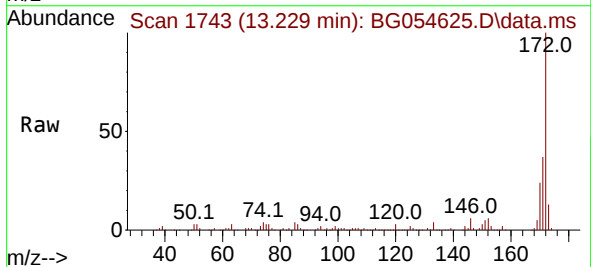
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-10

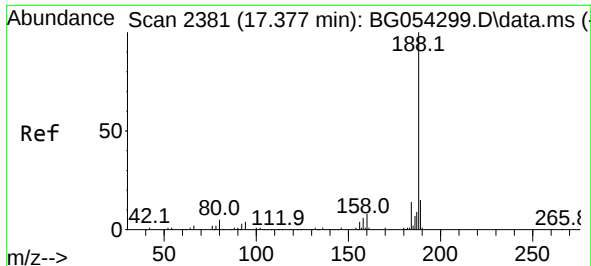
Tgt Ion:330 Resp: 127974
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 21.2 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 97.354 ng
RT: 13.229 min Scan# 1743
Delta R.T. 0.002 min
Lab File: BG054625.D
Acq: 12 Aug 2022 16:50

Tgt Ion:172 Resp: 320067
Ion Ratio Lower Upper
172 100
171 37.1 28.5 42.7
170 24.3 18.9 28.3

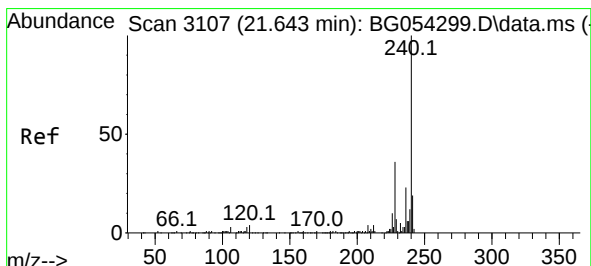
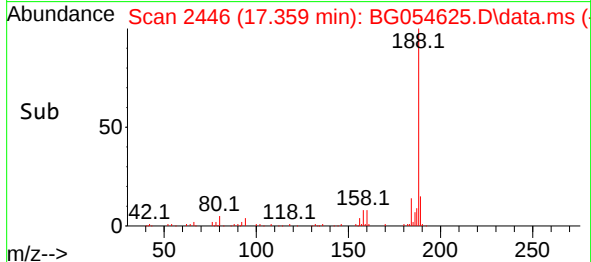
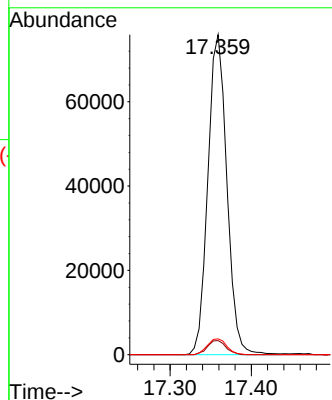
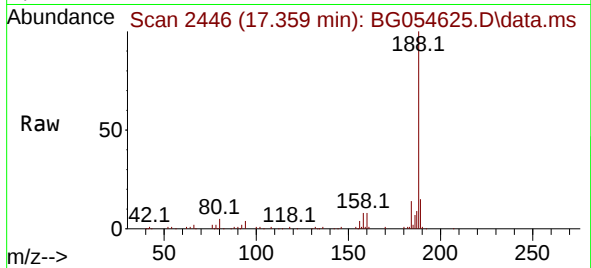




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.359 min Scan# 2446
Delta R.T. 0.002 min
Lab File: BG054625.D
Acq: 12 Aug 2022 16:50

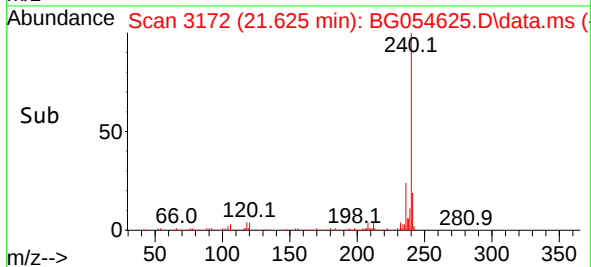
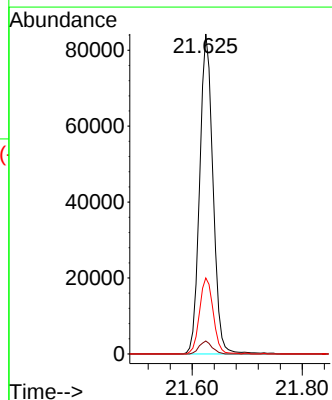
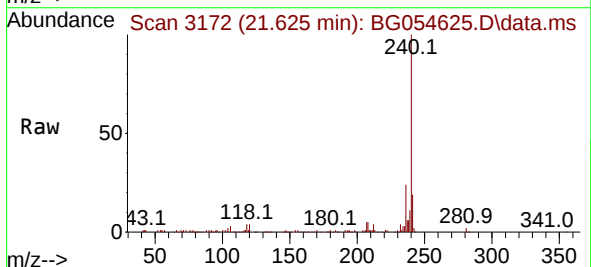
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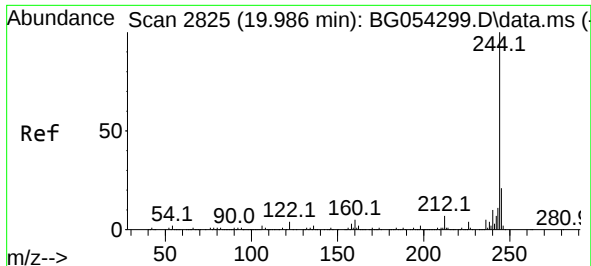
Tgt Ion:188 Resp: 123316
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 4.9 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 3172
Delta R.T. -0.004 min
Lab File: BG054625.D
Acq: 12 Aug 2022 16:50

Tgt Ion:240 Resp: 141824
Ion Ratio Lower Upper
240 100
120 4.0 4.6 7.0#
236 23.8 20.2 30.4

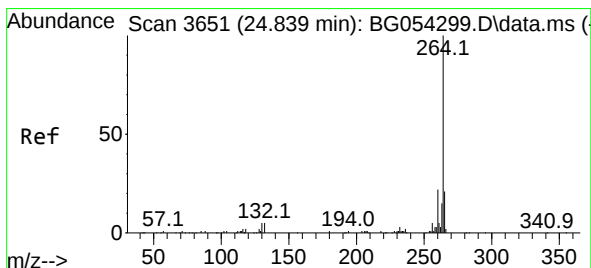
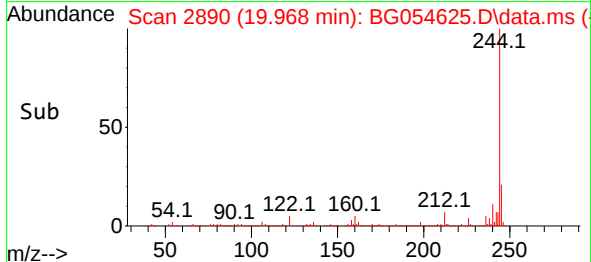
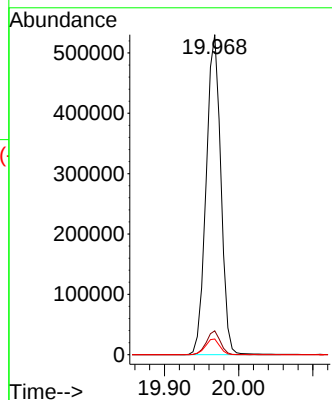
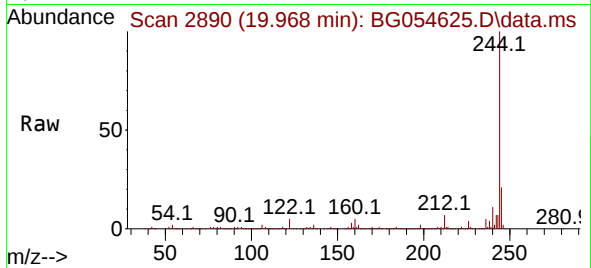




#79
 Terphenyl-d14
 Concen: 101.756 ng
 RT: 19.968 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG054625.D
 Acq: 12 Aug 2022 16:50

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-10

Tgt Ion:244 Resp: 727461
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 4.9 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: BG054625.D
 Acq: 12 Aug 2022 16:50

Tgt Ion:264 Resp: 145717
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.6
 265 22.9 17.4 26.2

