

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
 Data File : BG056299.D
 Acq On : 16 Jan 2023 16:46
 Operator : CG/JU
 Sample : 01133-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-2

Quant Time: Jan 17 05:26:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

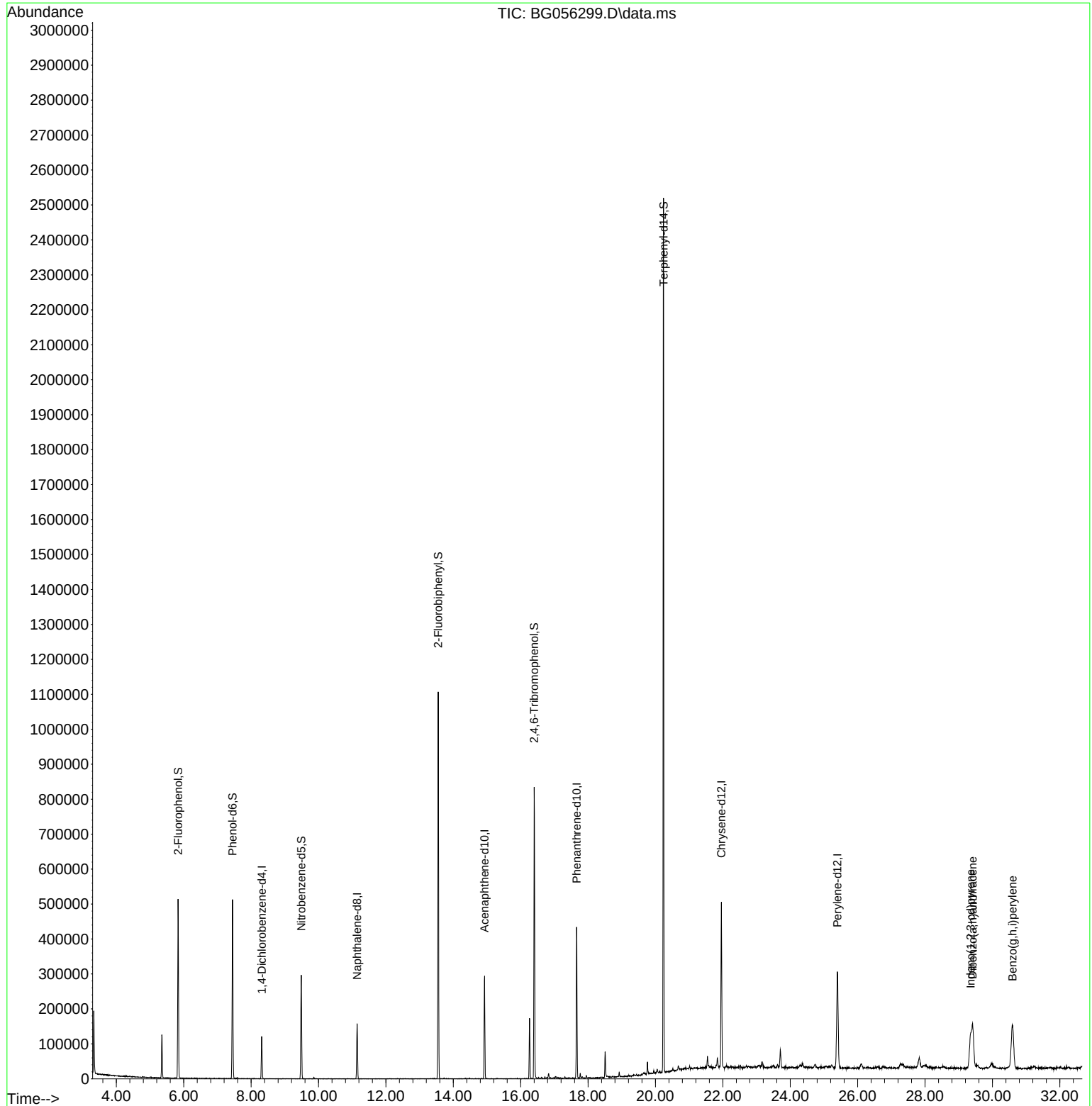
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	39849	20.000	ng	0.00
21) Naphthalene-d8	11.144	136	144985	20.000	ng	# 0.00
39) Acenaphthene-d10	14.928	164	114622	20.000	ng	0.00
64) Phenanthrene-d10	17.660	188	302752	20.000	ng	0.00
76) Chrysene-d12	21.955	240	313236	20.000	ng	# 0.00
86) Perylene-d12	25.398	264	345012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.833	112	279437	125.206	ng	0.00
7) Phenol-d6	7.449	99	388216	113.267	ng	0.00
23) Nitrobenzene-d5	9.488	82	213648	75.376	ng	0.00
42) 2,4,6-Tribromophenol	16.403	330	169781	116.956	ng	0.00
45) 2-Fluorobiphenyl	13.553	172	627629	75.613	ng	0.00
79) Terphenyl-d14	20.240	244	1373529	78.537	ng	0.00
Target Compounds						
87) Indeno(1,2,3-cd)pyrene	29.358	276	241999	9.645	ng	# 99
91) Dibenzo(a,h)anthracene	29.411	278	222950	10.598	ng	98
92) Benzo(g,h,i)perylene	30.598	276	296101	14.515	ng	95

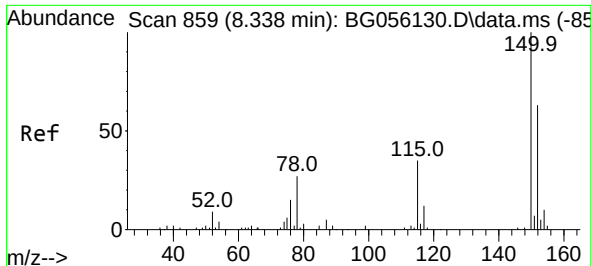
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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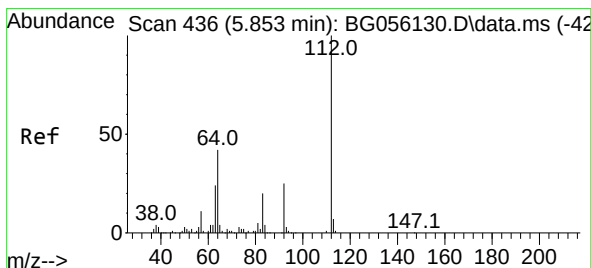
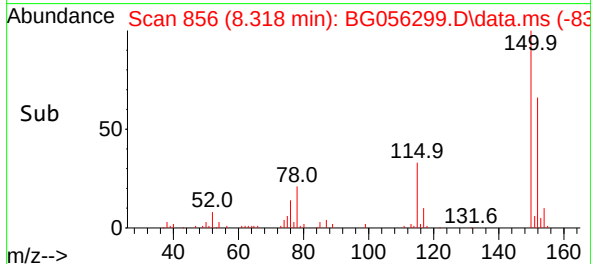
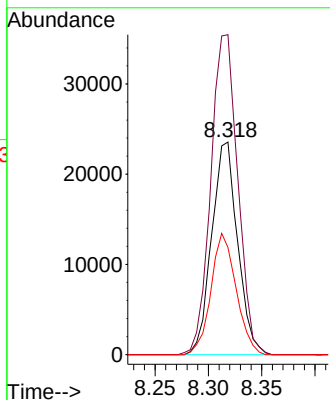
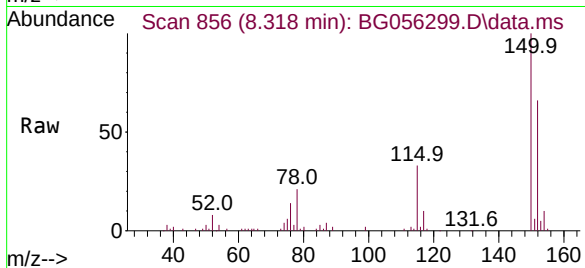




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056299.D
Acq: 16 Jan 2023 16:46

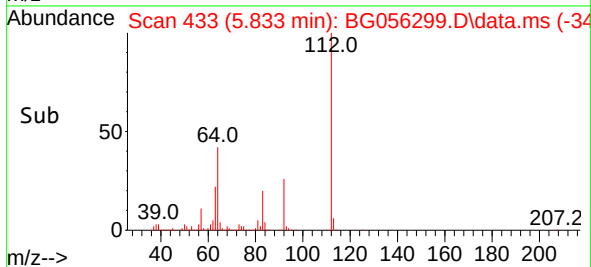
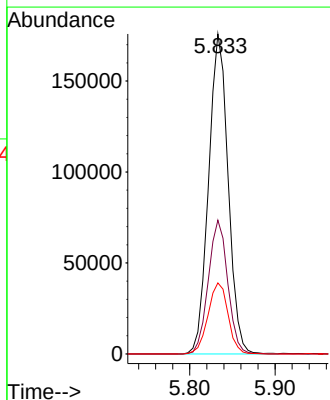
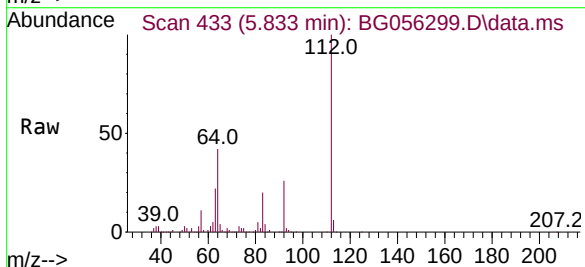
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-2

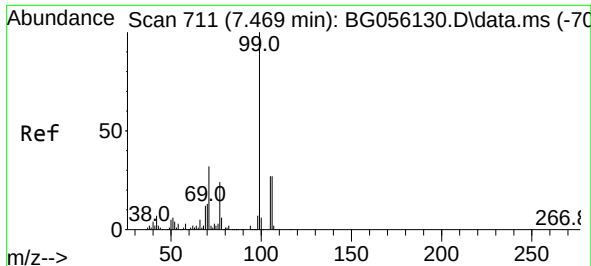
Tgt Ion:152 Resp: 39849
Ion Ratio Lower Upper
152 100
150 150.6 127.9 191.9
115 50.4 44.2 66.2



#5
2-Fluorophenol
Concen: 125.206 ng
RT: 5.833 min Scan# 433
Delta R.T. 0.007 min
Lab File: BG056299.D
Acq: 16 Jan 2023 16:46

Tgt Ion:112 Resp: 279437
Ion Ratio Lower Upper
112 100
64 41.8 33.3 49.9
63 22.2 19.0 28.4

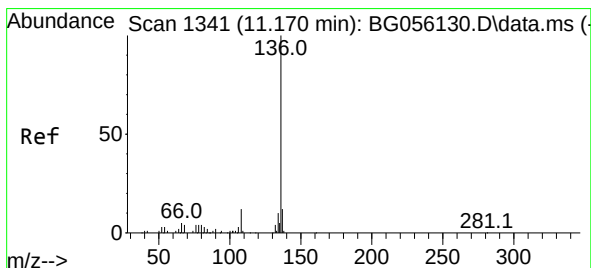
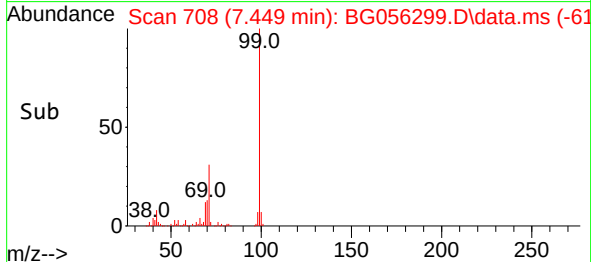
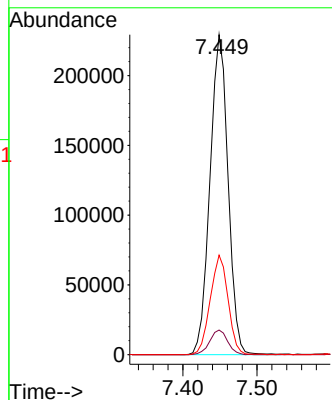
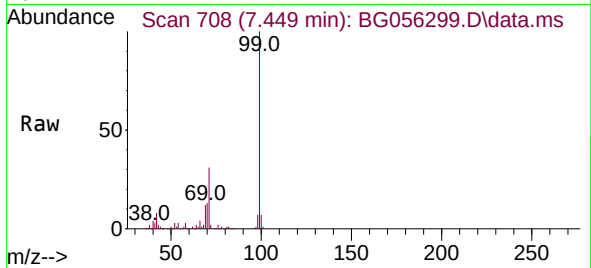




#7
Phenol-d6
Concen: 113.267 ng
RT: 7.449 min Scan# 70
Delta R.T. 0.002 min
Lab File: BG056299.D
Acq: 16 Jan 2023 16:46

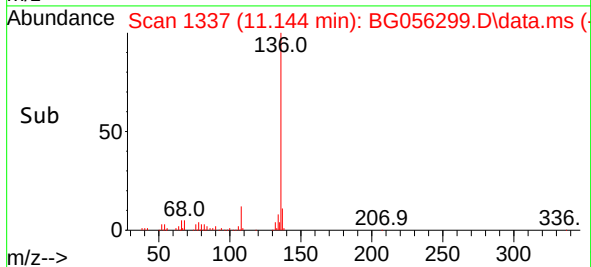
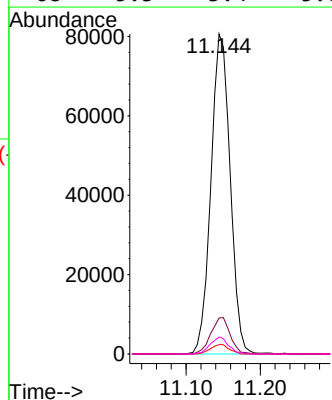
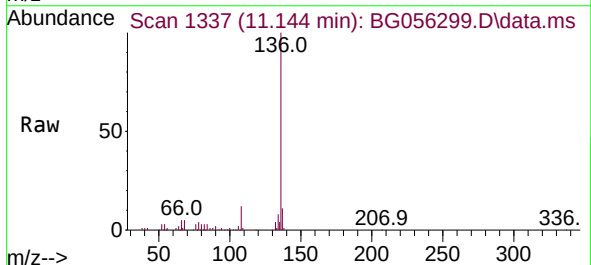
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-2

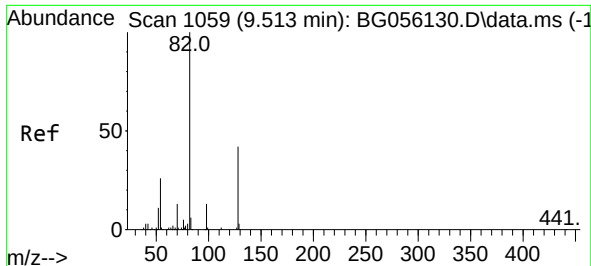
Tgt Ion: 99 Resp: 388216
Ion Ratio Lower Upper
99 100
42 7.7 5.9 8.9
71 31.1 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.144 min Scan# 1337
Delta R.T. -0.004 min
Lab File: BG056299.D
Acq: 16 Jan 2023 16:46

Tgt Ion: 136 Resp: 144985
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 2.9 2.2 3.2
68 5.3 3.4 5.0#

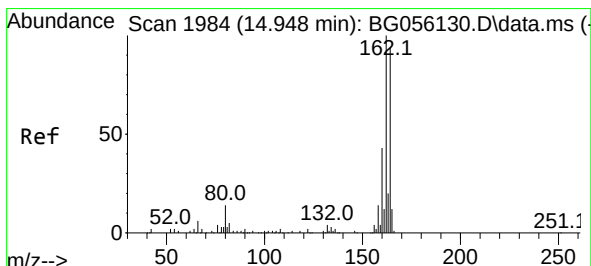
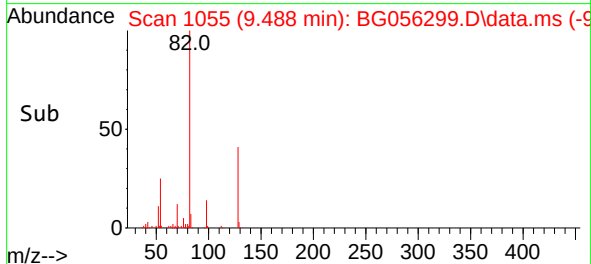
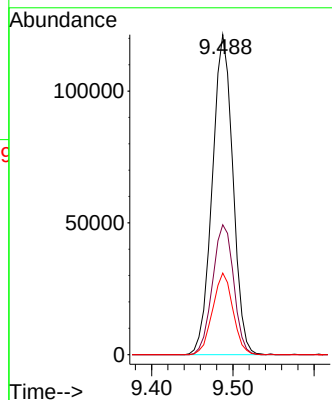
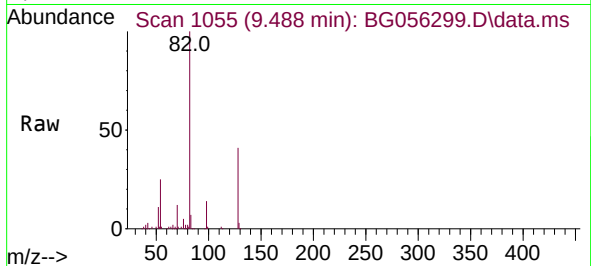




#23
Nitrobenzene-d5
Concen: 75.376 ng
RT: 9.488 min Scan# 1055
Delta R.T. -0.004 min
Lab File: BG056299.D
Acq: 16 Jan 2023 16:46

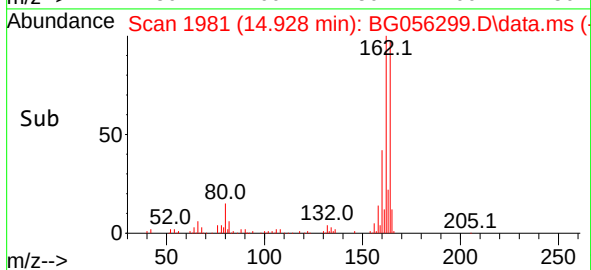
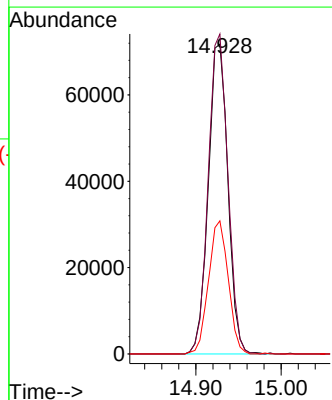
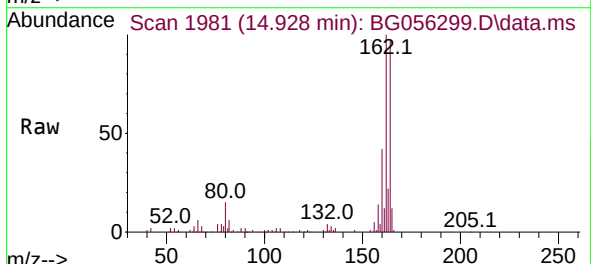
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-2

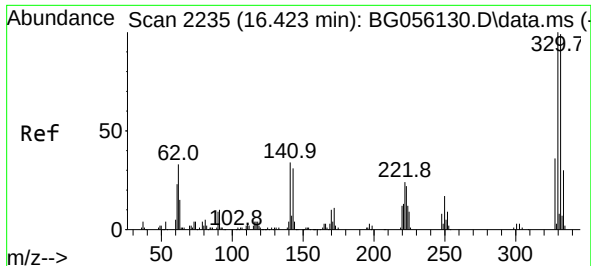
Tgt Ion: 82 Resp: 213648
Ion Ratio Lower Upper
82 100
128 40.6 33.4 50.2
54 25.5 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.928 min Scan# 1981
Delta R.T. 0.002 min
Lab File: BG056299.D
Acq: 16 Jan 2023 16:46

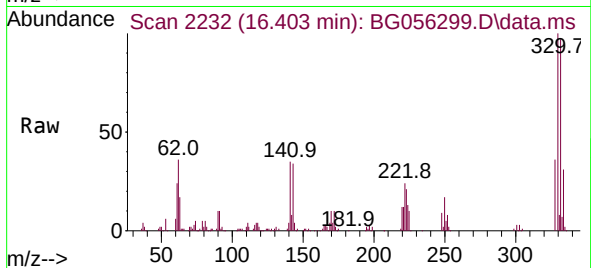
Tgt Ion:164 Resp: 114622
Ion Ratio Lower Upper
164 100
162 103.3 84.7 127.1
160 42.9 36.3 54.5



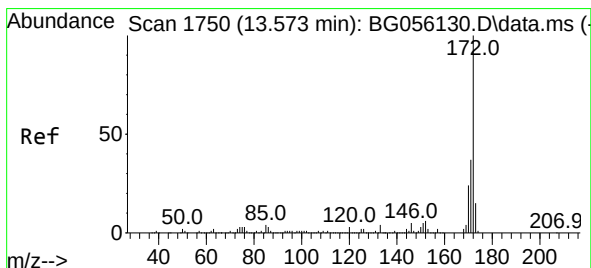
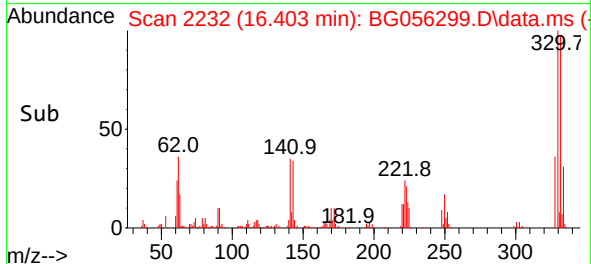
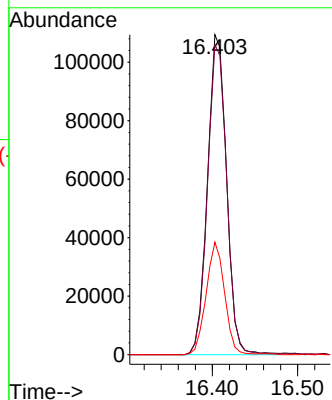


#42
2,4,6-Tribromophenol
Concen: 116.956 ng
RT: 16.403 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056299.D
Acq: 16 Jan 2023 16:46

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-2

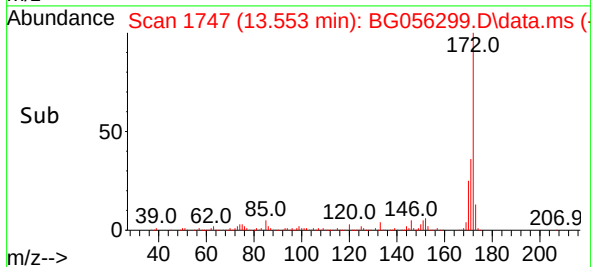
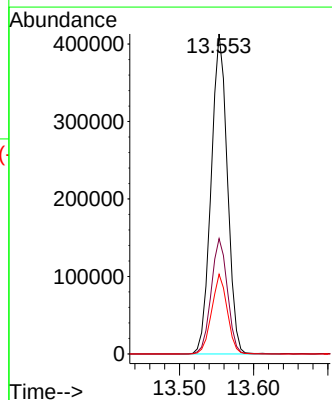
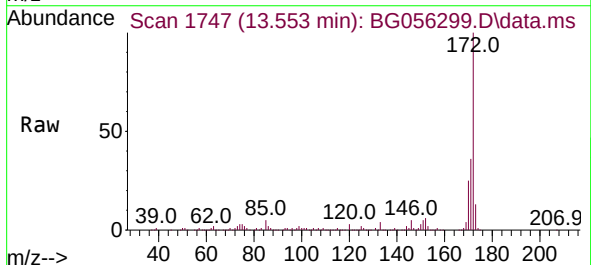


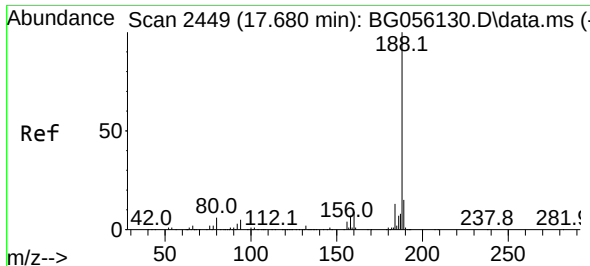
Tgt Ion:330 Resp: 169781
Ion Ratio Lower Upper
330 100
332 97.7 77.3 115.9
141 33.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 75.613 ng
RT: 13.553 min Scan# 1747
Delta R.T. -0.004 min
Lab File: BG056299.D
Acq: 16 Jan 2023 16:46

Tgt Ion:172 Resp: 627629
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.9 19.4 29.2

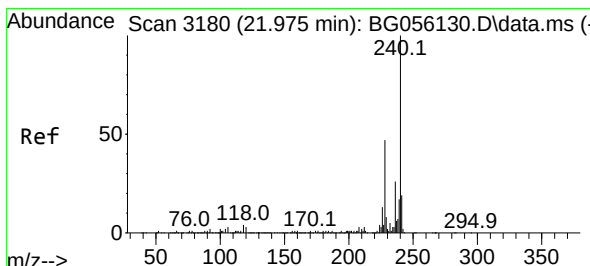
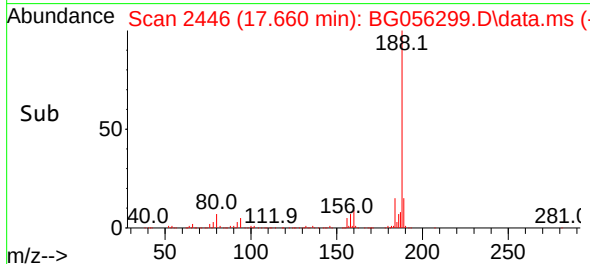
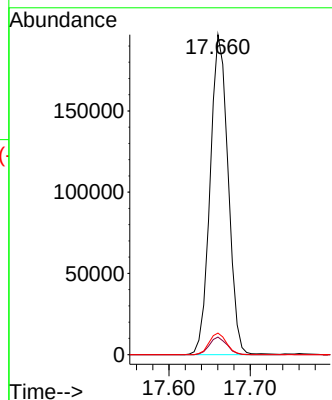
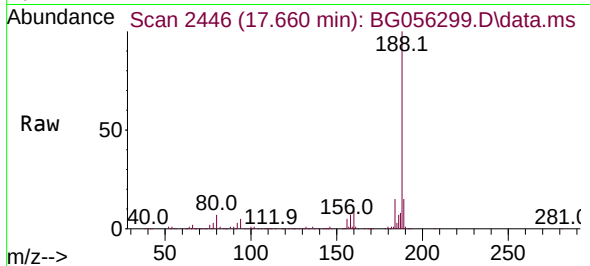




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.660 min Scan# 2446
Delta R.T. -0.004 min
Lab File: BG056299.D
Acq: 16 Jan 2023 16:46

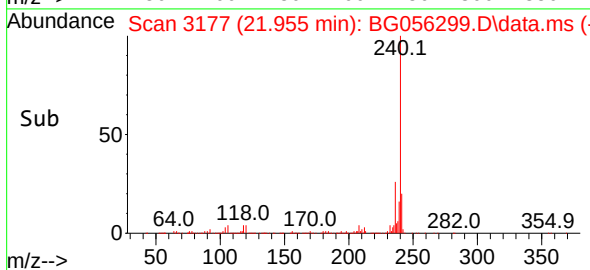
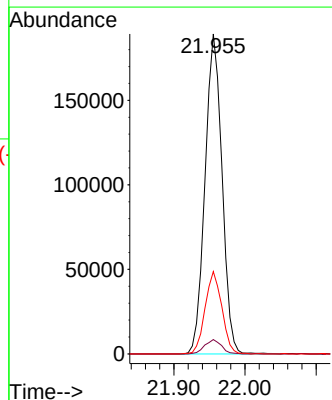
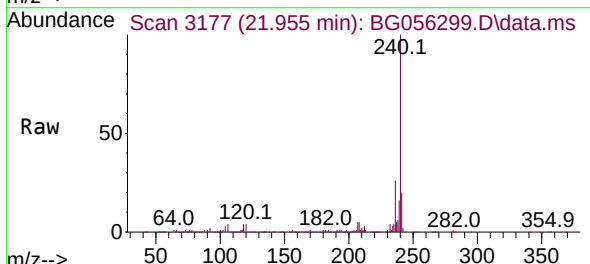
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-2

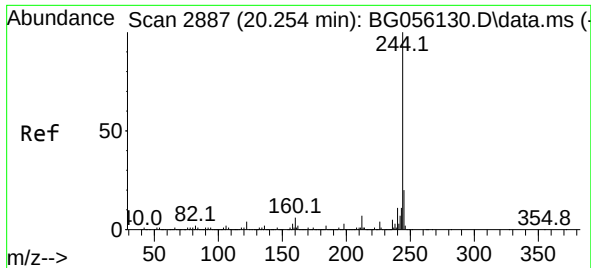
Tgt Ion:188 Resp: 302752
Ion Ratio Lower Upper
188 100
94 5.5 4.2 6.2
80 6.7 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.955 min Scan# 3177
Delta R.T. -0.004 min
Lab File: BG056299.D
Acq: 16 Jan 2023 16:46

Tgt Ion:240 Resp: 313236
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 25.7 20.8 31.2

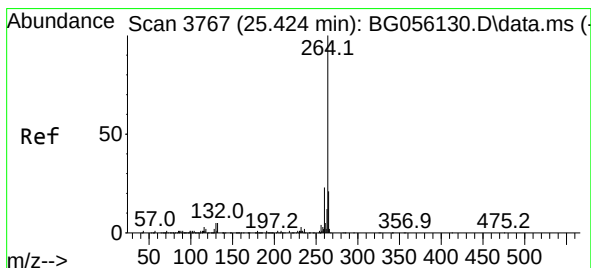
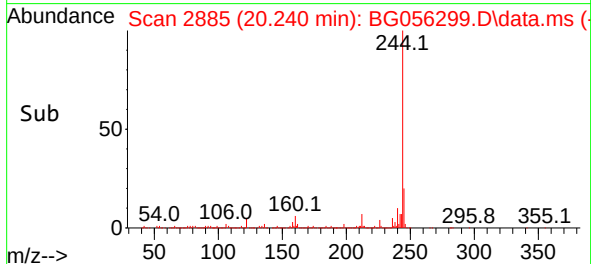
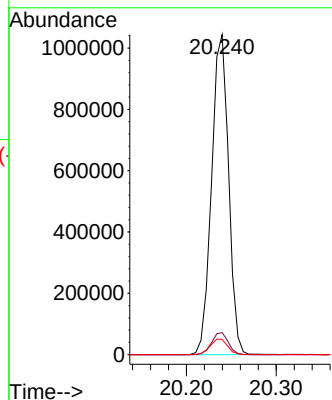
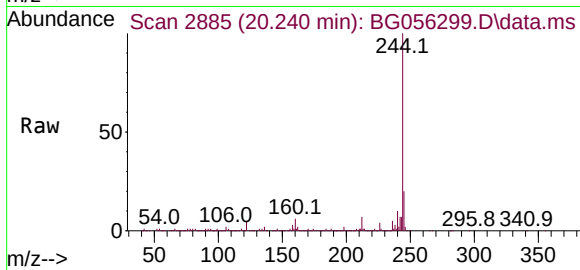




#79
 Terphenyl-d14
 Concen: 78.537 ng
 RT: 20.240 min Scan# 2885
 Delta R.T. 0.002 min
 Lab File: BG056299.D
 Acq: 16 Jan 2023 16:46

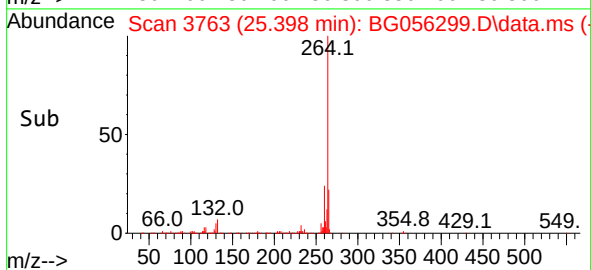
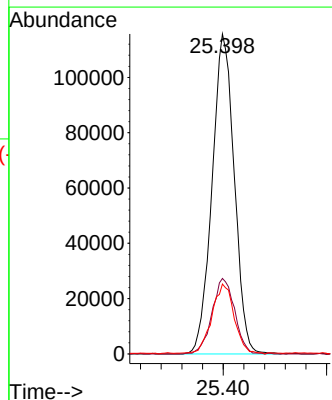
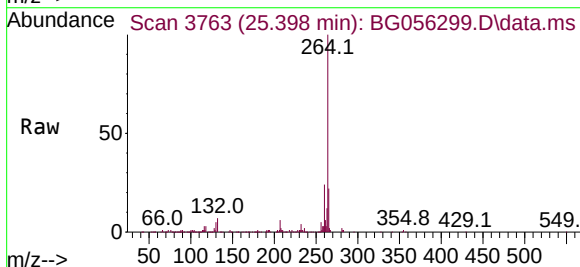
Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-2

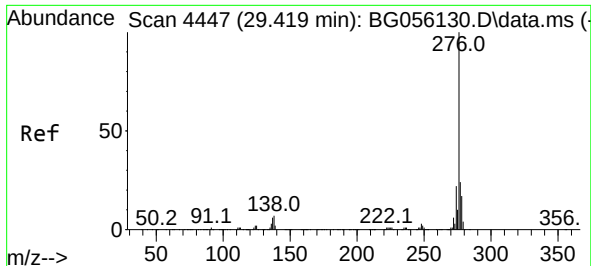
Tgt Ion:244 Resp: 1373529
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 4.8 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.398 min Scan# 3763
 Delta R.T. -0.004 min
 Lab File: BG056299.D
 Acq: 16 Jan 2023 16:46

Tgt Ion:264 Resp: 345012
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.8 16.7 25.1

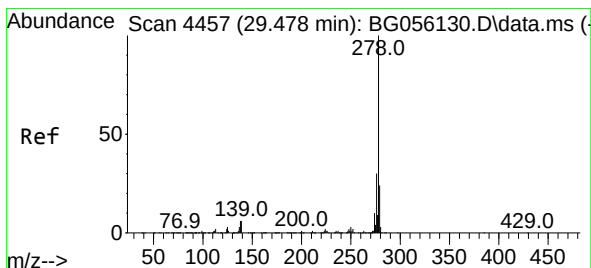
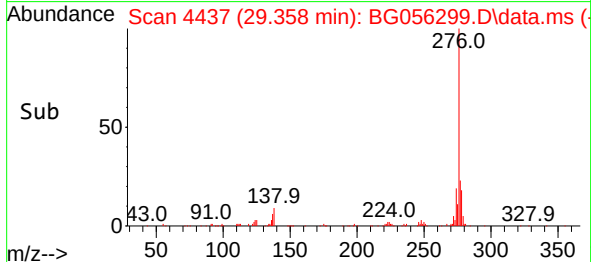
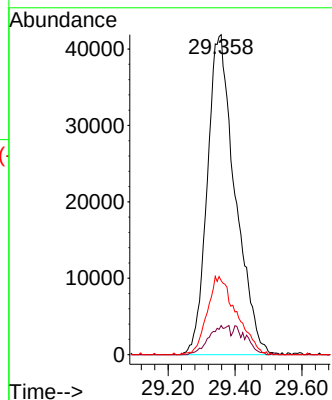
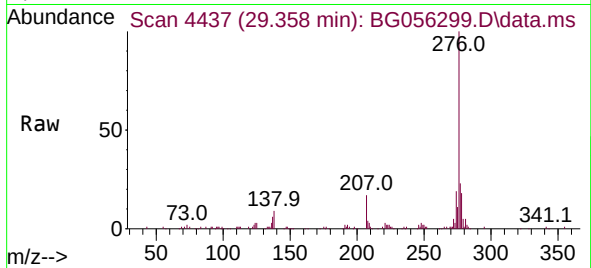




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 9.645 ng
 RT: 29.358 min Scan# 4437
 Delta R.T. -0.004 min
 Lab File: BG056299.D
 Acq: 16 Jan 2023 16:46

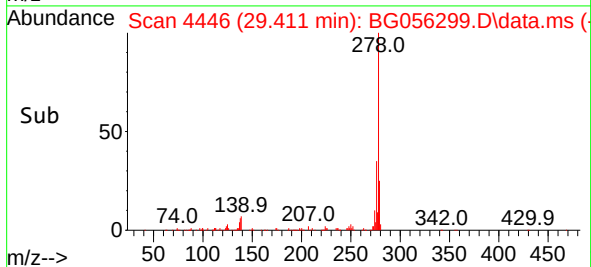
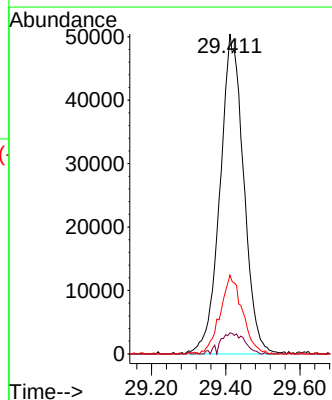
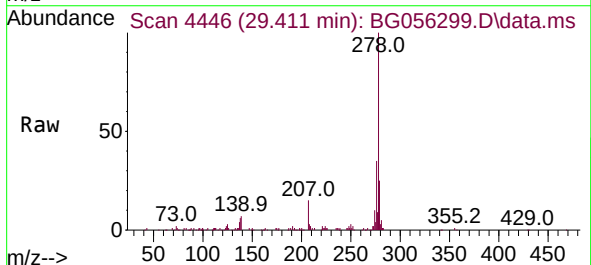
Instrument :
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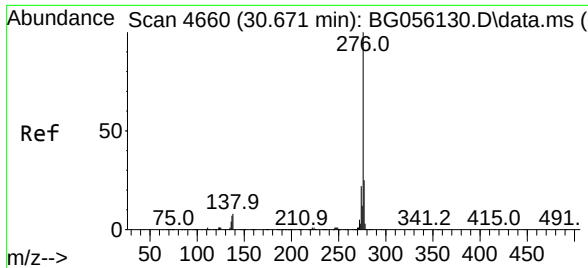
Tgt Ion:276 Resp: 241999
 Ion Ratio Lower Upper
 276 100
 138 4.8 5.0 7.4#
 277 25.7 20.5 30.7



#91
 Dibenzo(a,h)anthracene
 Concen: 10.598 ng
 RT: 29.411 min Scan# 4446
 Delta R.T. -0.022 min
 Lab File: BG056299.D
 Acq: 16 Jan 2023 16:46

Tgt Ion:278 Resp: 222950
 Ion Ratio Lower Upper
 278 100
 139 6.6 4.8 7.2
 279 24.6 19.0 28.4





#92
 Benzo(g,h,i)perylene
 Concen: 14.515 ng
 RT: 30.598 min Scan# 4648
 Delta R.T. -0.016 min
 Lab File: BG056299.D
 Acq: 16 Jan 2023 16:46

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-2

Tgt Ion:276 Resp: 296101
 Ion Ratio Lower Upper
 276 100
 277 21.3 19.7 29.5
 138 7.7 6.7 10.1

