

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058910.D
 Acq On : 31 Aug 2023 00:53
 Operator : MA/JU
 Sample : 04198-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-309-OK-370-COMP-24

Quant Time: Aug 31 04:24:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 01:27:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	13889	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	61167	20.000	ng	0.00
39) Acenaphthene-d10	14.412	164	48322	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	116408	20.000	ng	0.00
76) Chrysene-d12	21.398	240	99691	20.000	ng	0.00
86) Perylene-d12	24.429	264	115486	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	134333	155.646	ng	0.00
7) Phenol-d6	6.932	99	171752	141.839	ng	0.00
23) Nitrobenzene-d5	8.924	82	128975	101.375	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	114404	150.993	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	325703	98.034	ng	0.00
79) Terphenyl-d14	19.782	244	646260	116.402	ng	0.00

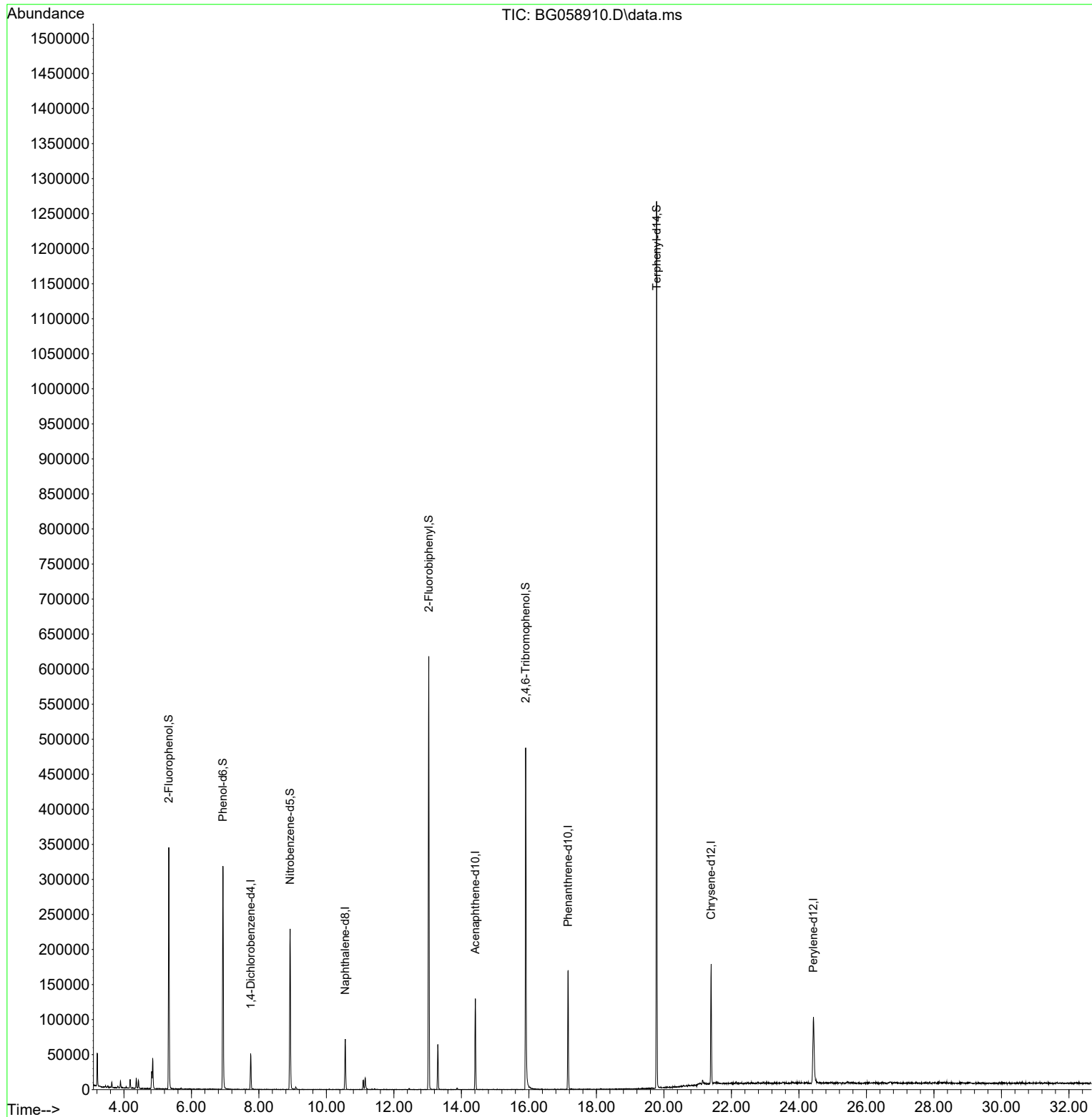
Target Compounds	Qvalue

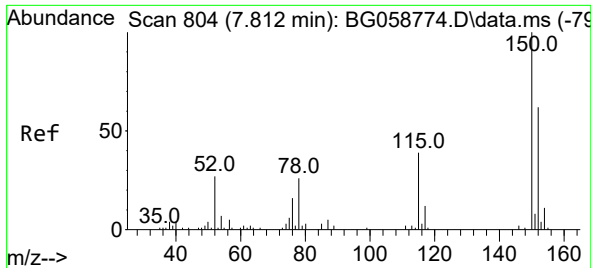
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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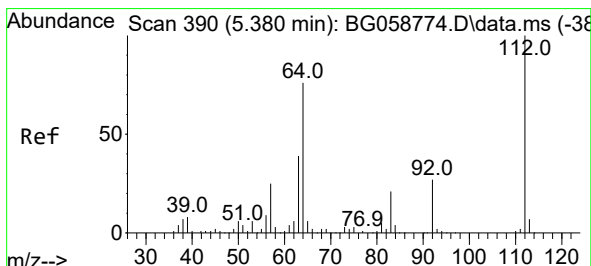
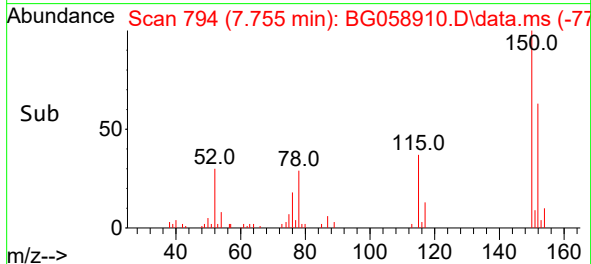
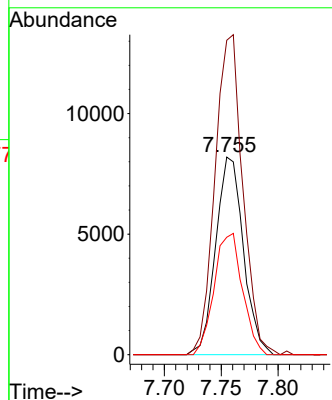
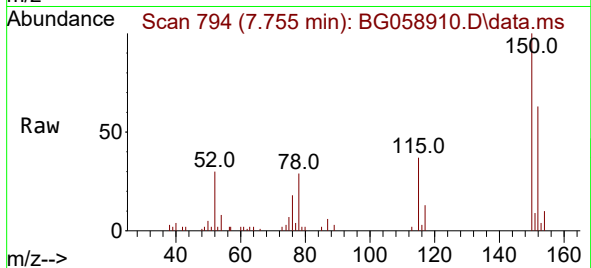




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.755 min Scan# 794
Delta R.T. -0.004 min
Lab File: BG058910.D
Acq: 31 Aug 2023 00:53

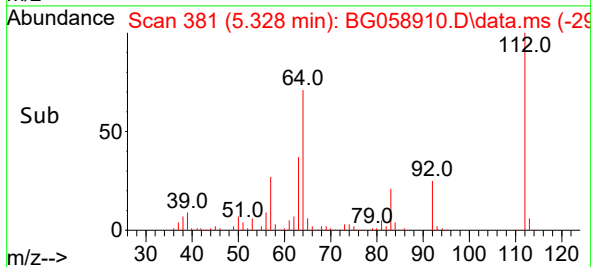
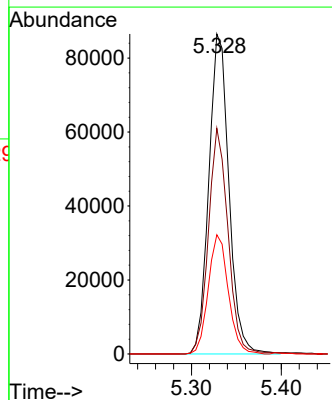
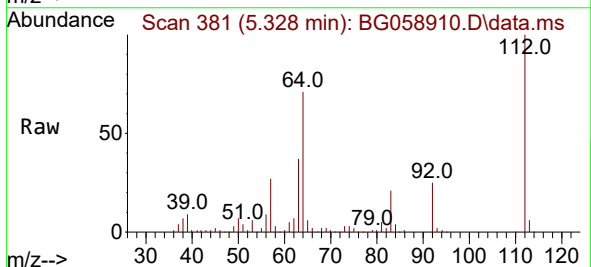
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-24

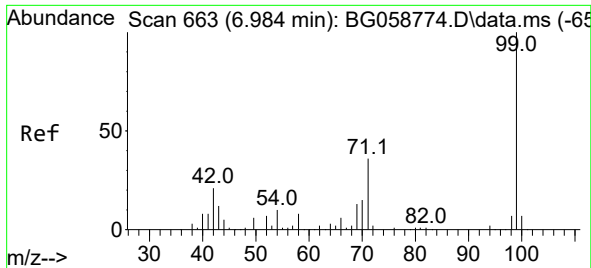
Tgt Ion:152 Resp: 13889
Ion Ratio Lower Upper
152 100
150 159.1 128.6 192.8
115 59.4 50.4 75.6



#5
2-Fluorophenol
Concen: 155.646 ng
RT: 5.328 min Scan# 381
Delta R.T. 0.002 min
Lab File: BG058910.D
Acq: 31 Aug 2023 00:53

Tgt Ion:112 Resp: 134333
Ion Ratio Lower Upper
112 100
64 70.5 60.6 90.8
63 37.3 31.0 46.4

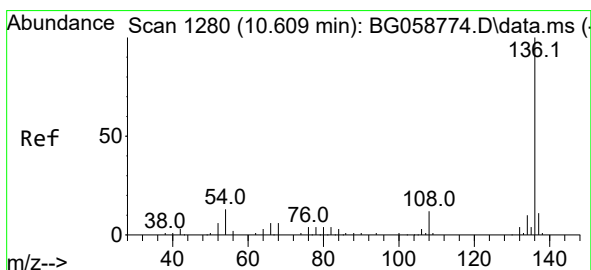
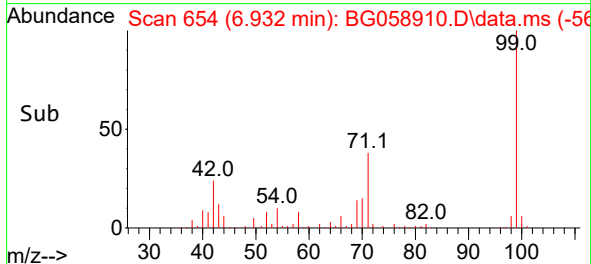
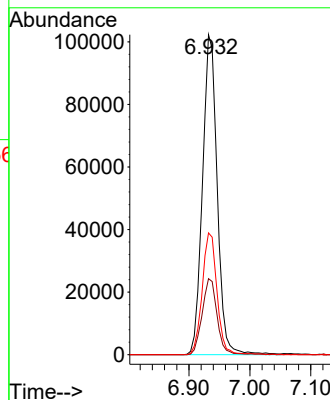
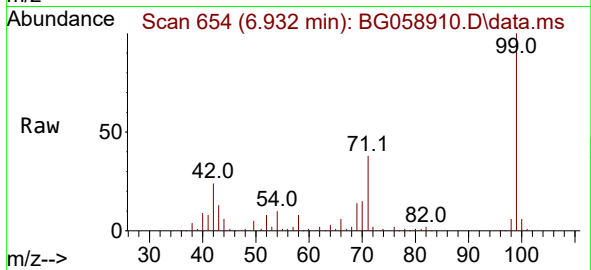




#7
Phenol-d6
Concen: 141.839 ng
RT: 6.932 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG058910.D
Acq: 31 Aug 2023 00:53

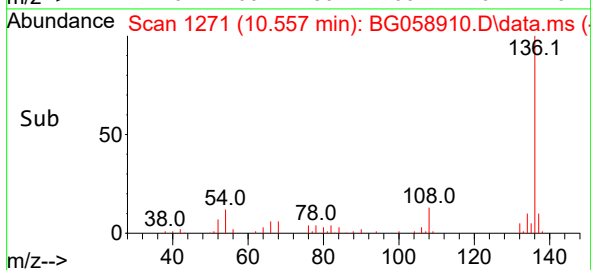
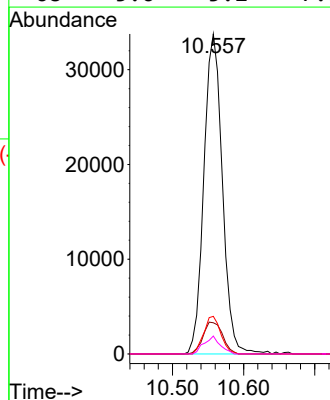
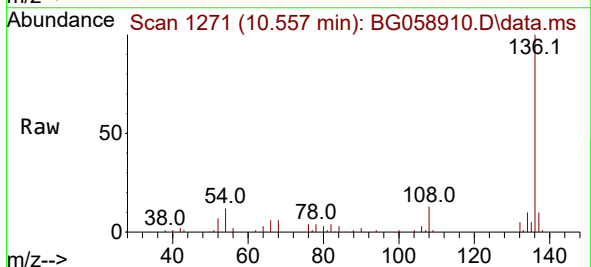
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-24

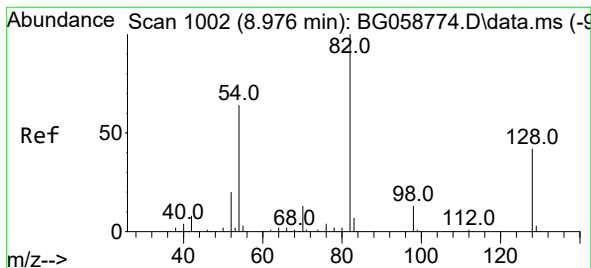
Tgt Ion: 99 Resp: 171752
Ion Ratio Lower Upper
99 100
42 23.7 16.5 24.7
71 38.1 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1271
Delta R.T. -0.004 min
Lab File: BG058910.D
Acq: 31 Aug 2023 00:53

Tgt Ion: 136 Resp: 61167
Ion Ratio Lower Upper
136 100
137 9.8 8.7 13.1
54 11.8 10.1 15.1
68 5.6 5.2 7.8





#23

Nitrobenzene-d5

Concen: 101.375 ng

RT: 8.924 min Scan# 91

Delta R.T. -0.004 min

Lab File: BG058910.D

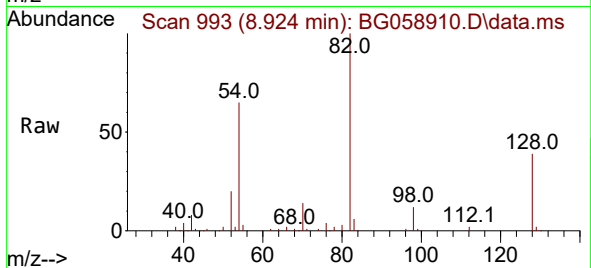
Acq: 31 Aug 2023 00:53

Instrument :

BNA_G

ClientSampleId :

OR-309-OK-370-COMP-24



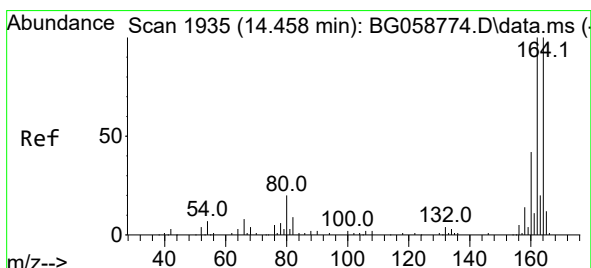
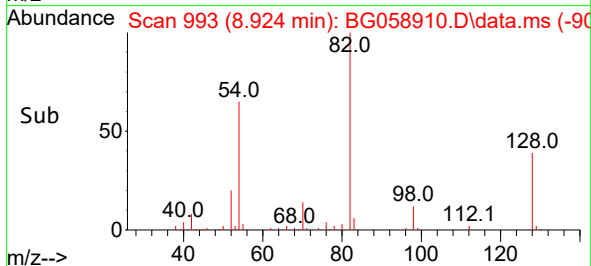
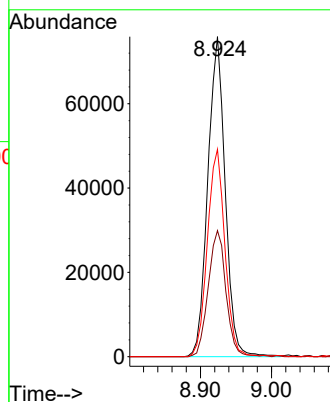
Tgt Ion: 82 Resp: 128975

Ion Ratio Lower Upper

82 100

128 39.4 33.2 49.8

54 64.8 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.412 min Scan# 1927

Delta R.T. -0.004 min

Lab File: BG058910.D

Acq: 31 Aug 2023 00:53

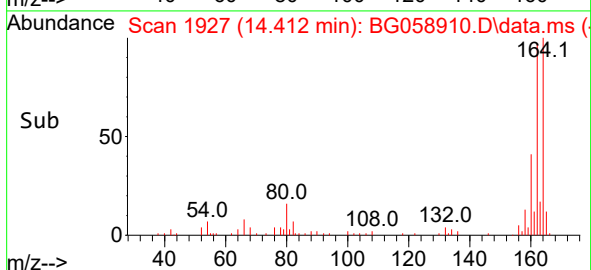
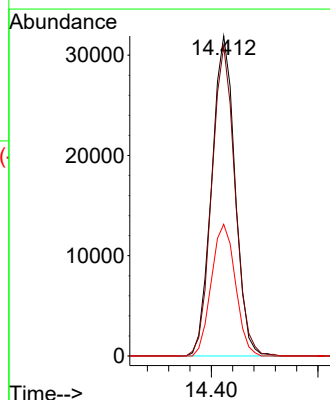
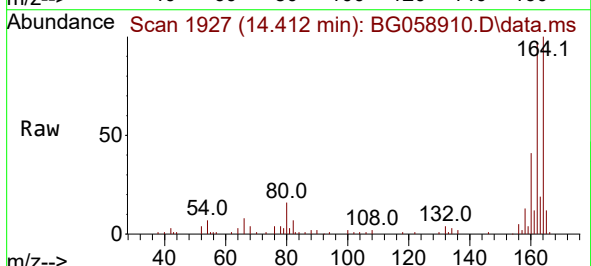
Tgt Ion:164 Resp: 48322

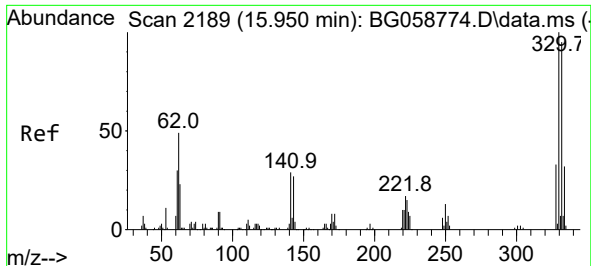
Ion Ratio Lower Upper

164 100

162 96.9 79.6 119.4

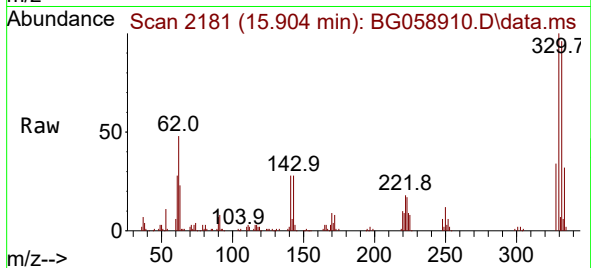
160 41.1 34.0 51.0



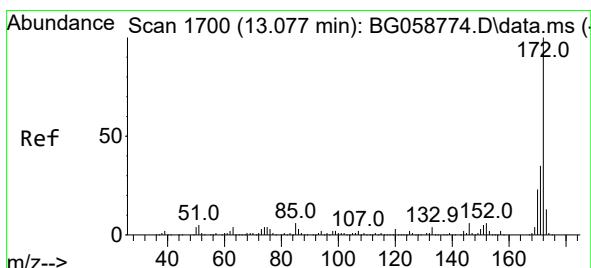
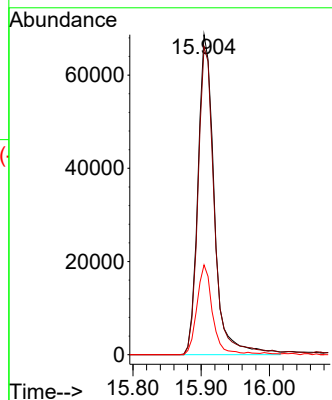
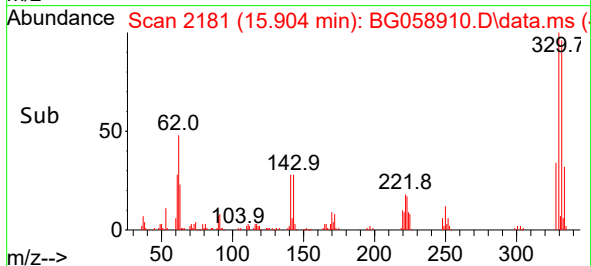


#42
2,4,6-Tribromophenol
Concen: 150.993 ng
RT: 15.904 min Scan# 2181
Delta R.T. -0.010 min
Lab File: BG058910.D
Acq: 31 Aug 2023 00:53

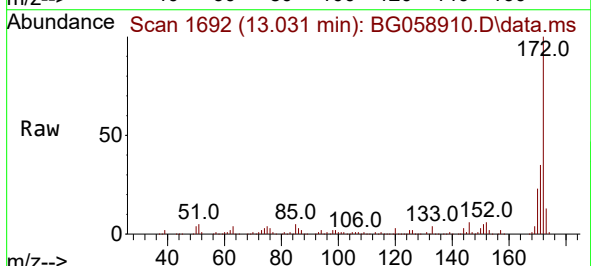
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-24



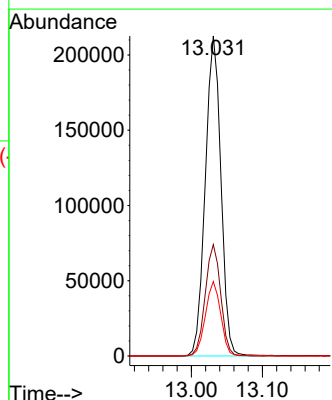
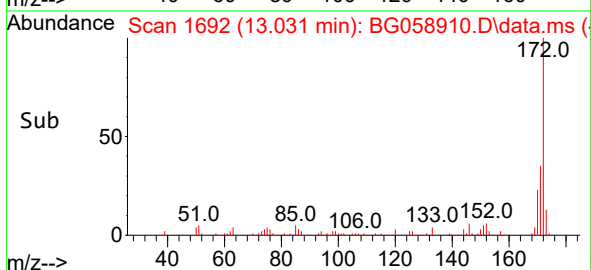
Tgt Ion:330 Resp: 114404
Ion Ratio Lower Upper
330 100
332 96.6 78.5 117.7
141 26.4 23.0 34.6

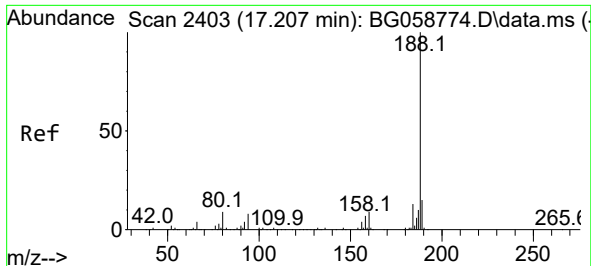


#45
2-Fluorobiphenyl
Concen: 98.034 ng
RT: 13.031 min Scan# 1692
Delta R.T. -0.004 min
Lab File: BG058910.D
Acq: 31 Aug 2023 00:53



Tgt Ion:172 Resp: 325703
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.3 18.6 27.8

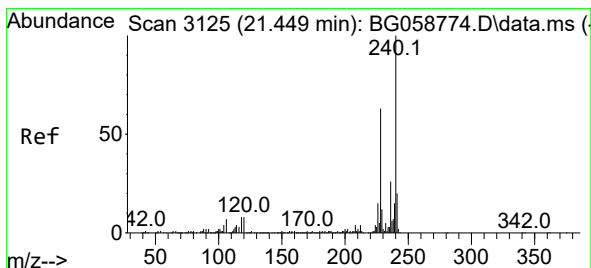
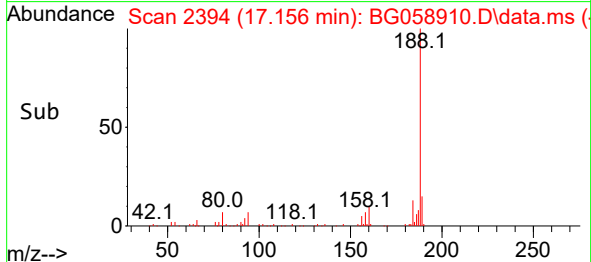
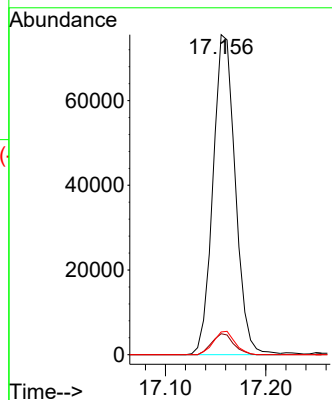
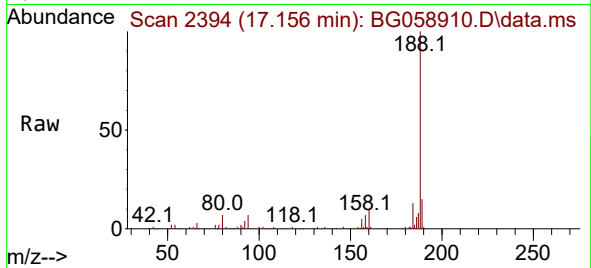




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2116
Delta R.T. -0.010 min
Lab File: BG058910.D
Acq: 31 Aug 2023 00:53

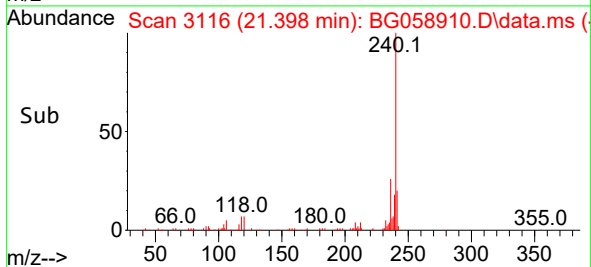
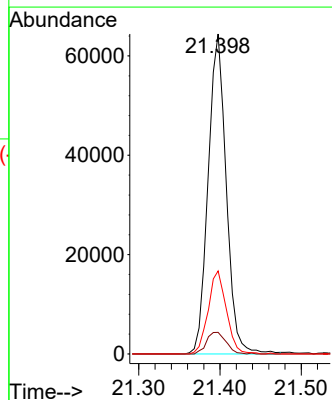
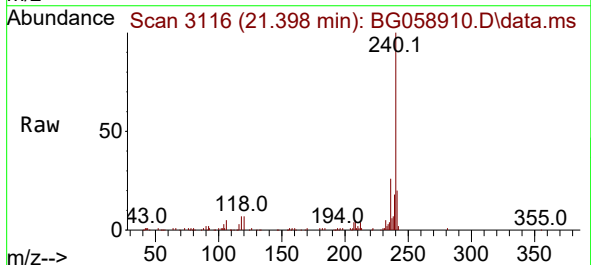
Instrument :
BNA_G
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OR-309-OK-370-COMP-24

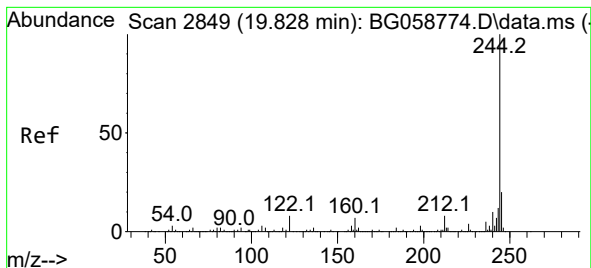
Tgt Ion:188 Resp: 116408
Ion Ratio Lower Upper
188 100
94 6.6 6.1 9.1
80 7.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3116
Delta R.T. -0.010 min
Lab File: BG058910.D
Acq: 31 Aug 2023 00:53

Tgt Ion:240 Resp: 99691
Ion Ratio Lower Upper
240 100
120 6.7 6.2 9.2
236 25.9 20.5 30.7





#79

Terphenyl-d14

Concen: 116.402 ng

RT: 19.782 min Scan# 21

Delta R.T. -0.010 min

Lab File: BG058910.D

Acq: 31 Aug 2023 00:53

Instrument :

BNA_G

ClientSampleId :

OR-309-OK-370-COMP-24

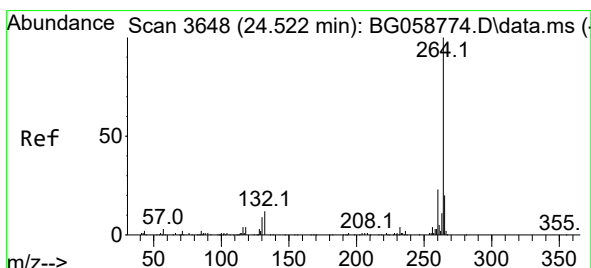
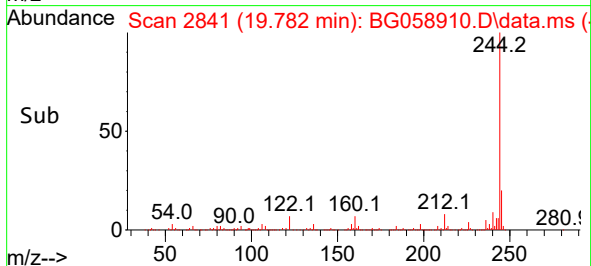
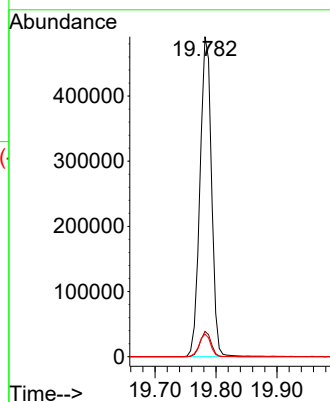
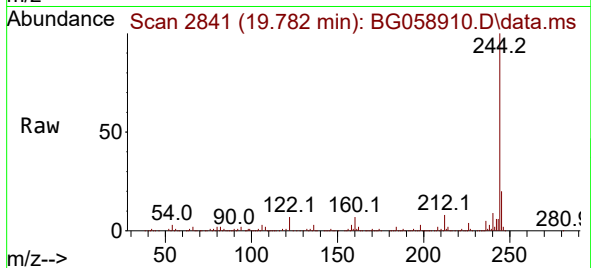
Tgt Ion:244 Resp: 646260

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 7.1 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.429 min Scan# 3632

Delta R.T. -0.010 min

Lab File: BG058910.D

Acq: 31 Aug 2023 00:53

Tgt Ion:264 Resp: 115486

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.2

265 22.8 16.4 24.6

