

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
 Data File : BG061244.D
 Acq On : 17 May 2024 18:36
 Operator : MA/JU
 Sample : P2498-01 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-051524

Quant Time: May 17 23:53:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	29425	20.000	ng	-0.03
21) Naphthalene-d8	10.726	136	113082	20.000	ng	#-0.03
39) Acenaphthene-d10	14.557	164	81124	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	182192	20.000	ng	#-0.03
76) Chrysene-d12	21.567	240	180203	20.000	ng	#-0.03
86) Perylene-d12	24.692	264	223669	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	12772	8.827	ng	-0.02
7) Phenol-d6	7.113	99	15943	7.449	ng	-0.02
23) Nitrobenzene-d5	9.081	82	12595	5.521	ng	-0.04
42) 2,4,6-Tribromophenol	16.055	330	10117	6.239	ng	-0.02
45) 2-Fluorobiphenyl	13.176	172	28499	5.195	ng	-0.03
79) Terphenyl-d14	19.921	244	45901	4.236	ng	-0.03

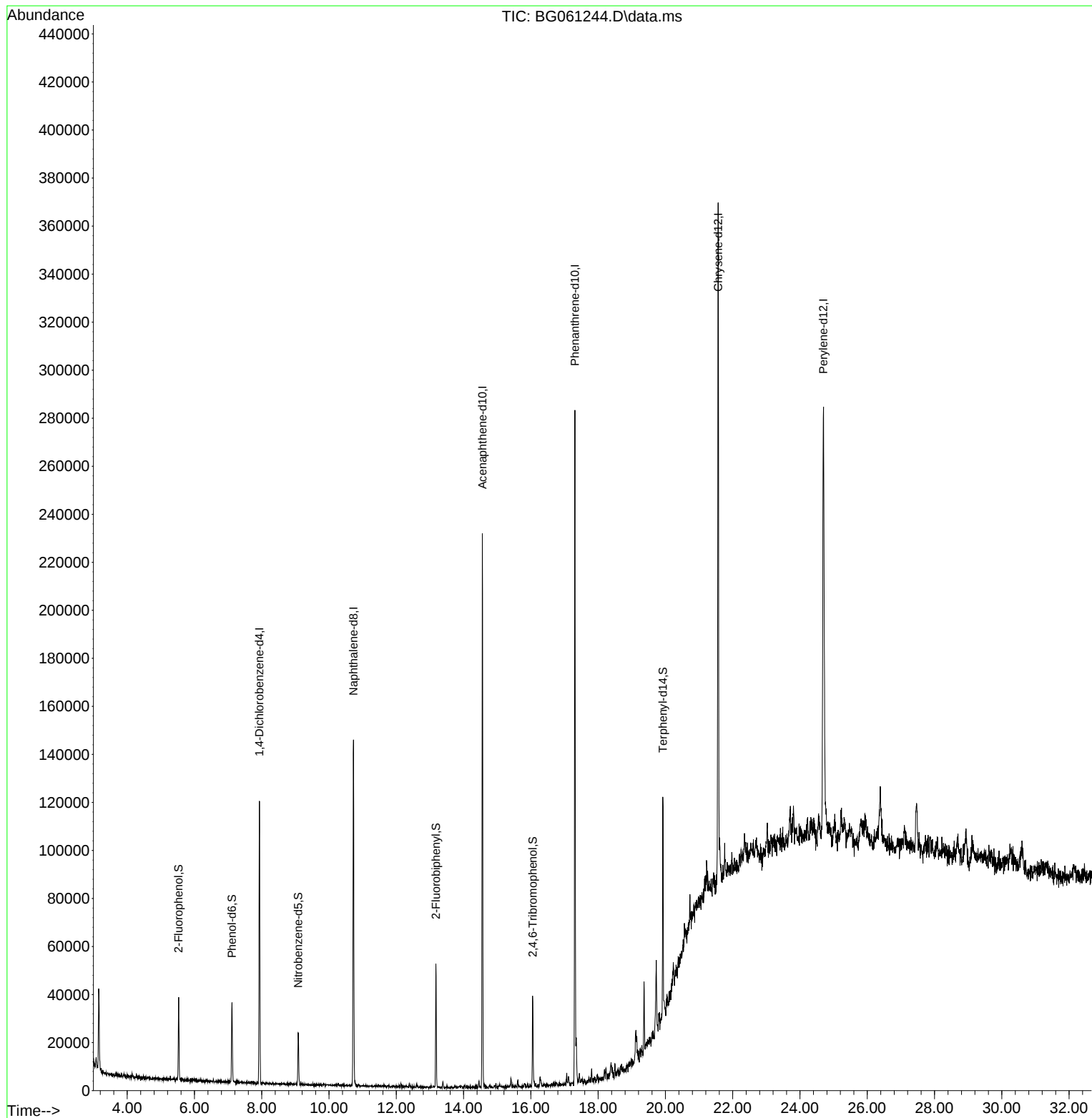
Target Compounds	Qvalue

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

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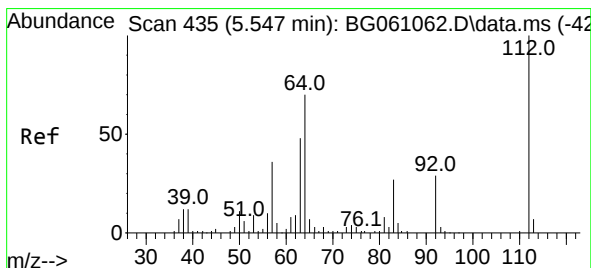
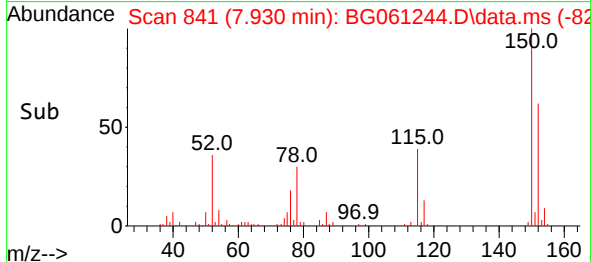
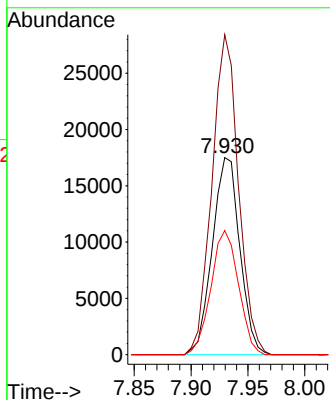
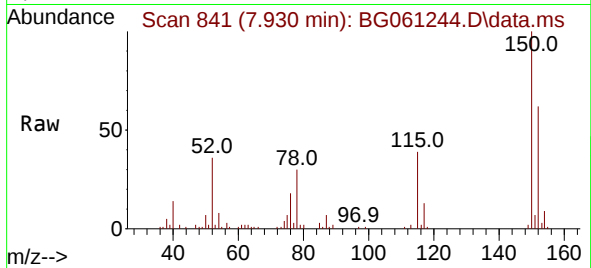




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 846
Delta R.T. -0.031 min
Lab File: BG061244.D
Acq: 17 May 2024 18:36

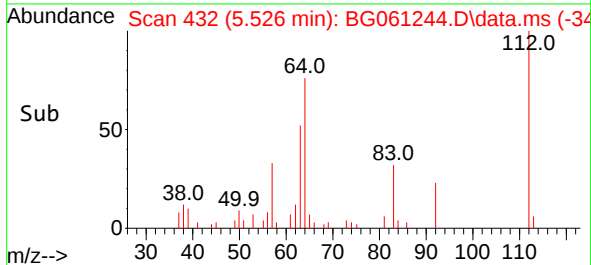
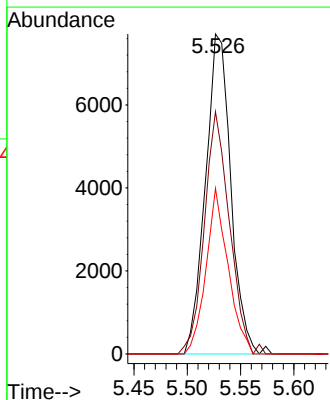
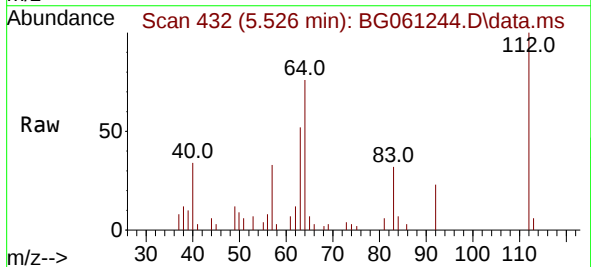
Instrument :
BNA_G
ClientSampleId :
OK-01-051524

Tgt Ion:152 Resp: 29425
Ion Ratio Lower Upper
152 100
150 162.3 138.3 207.5
115 63.0 48.0 72.0



#5
2-Fluorophenol
Concen: 8.827 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061244.D
Acq: 17 May 2024 18:36

Tgt Ion:112 Resp: 12772
Ion Ratio Lower Upper
112 100
64 75.7 55.7 83.5
63 51.8 38.1 57.1

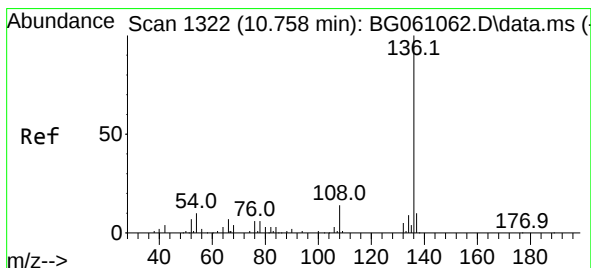
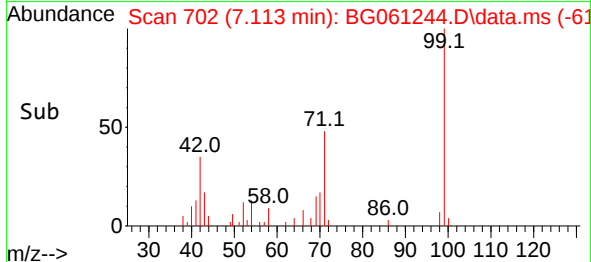
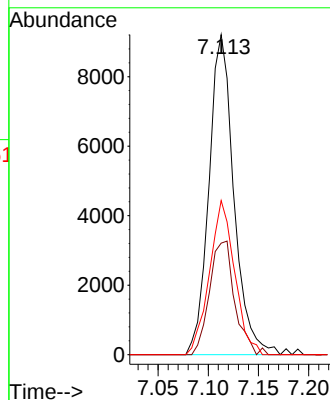
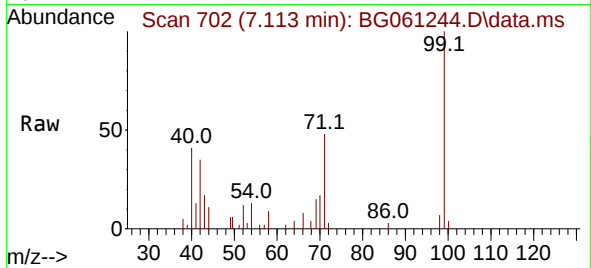




#7
Phenol-d6
Concen: 7.449 ng
RT: 7.113 min Scan# 705
Delta R.T. -0.020 min
Lab File: BG061244.D
Acq: 17 May 2024 18:36

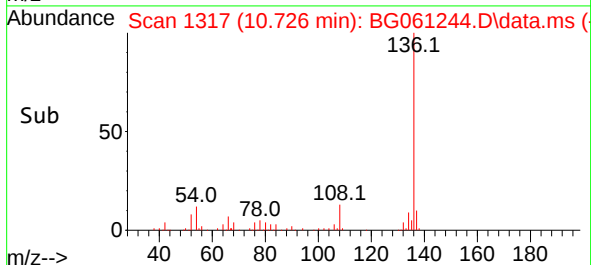
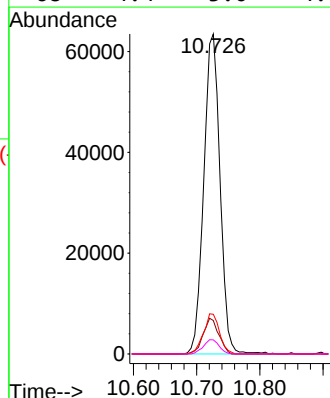
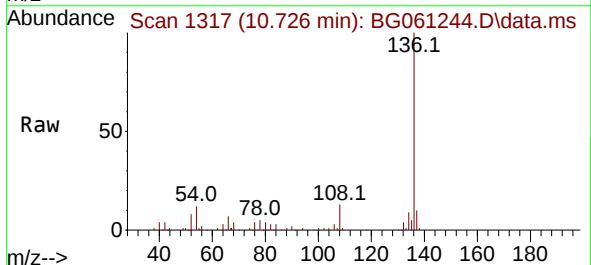
Instrument :
BNA_G
ClientSampleId :
OK-01-051524

Tgt Ion: 99	Resp: 15943
Ion Ratio	Lower Upper
99 100	
42 34.8	29.2 43.8
71 48.1	39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1317
Delta R.T. -0.032 min
Lab File: BG061244.D
Acq: 17 May 2024 18:36

Tgt Ion: 136	Resp: 113082
Ion Ratio	Lower Upper
136 100	
137 10.4	7.8 11.6
54 12.4	8.1 12.1
68 4.4	3.0 4.4





#23

Nitrobenzene-d5

Concen: 5.521 ng

RT: 9.081 min Scan# 1043

Delta R.T. -0.038 min

Lab File: BG061244.D

Acq: 17 May 2024 18:36

Instrument :

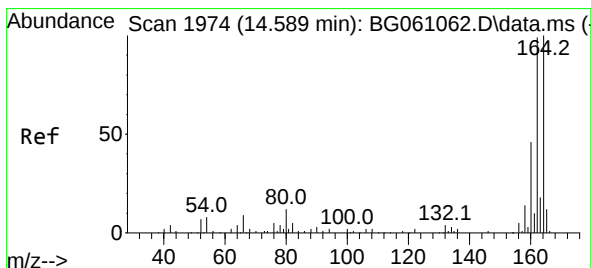
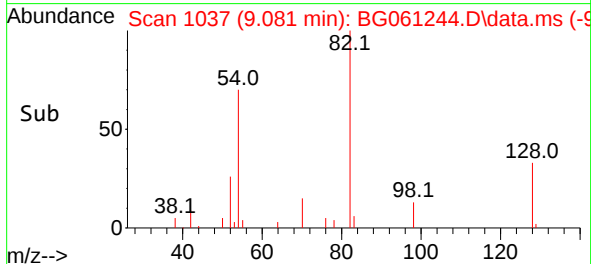
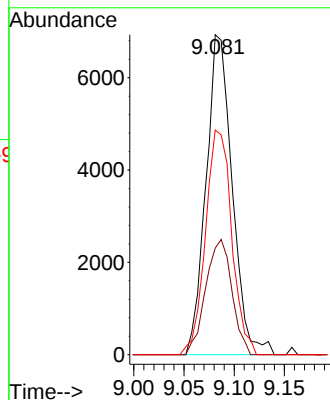
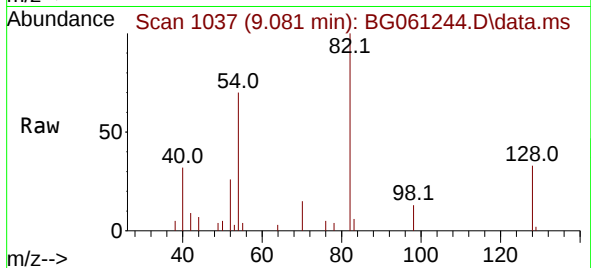
BNA_G

ClientSampleId :

OK-01-051524

Tgt Ion: 82 Resp: 12595

Ion	Ratio	Lower	Upper
82	100		
128	33.3	32.7	49.1
54	70.2	65.6	98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1969

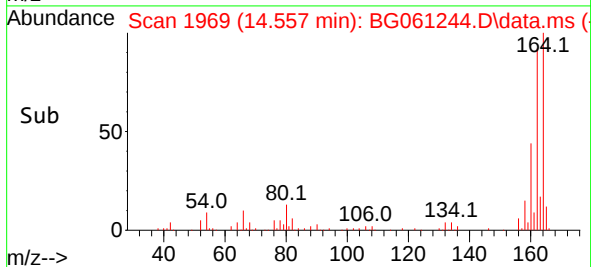
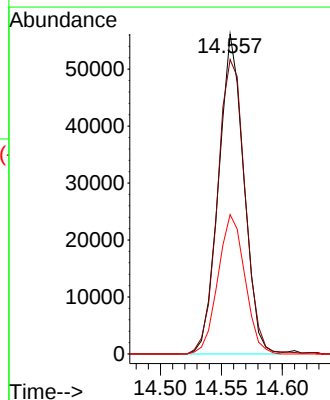
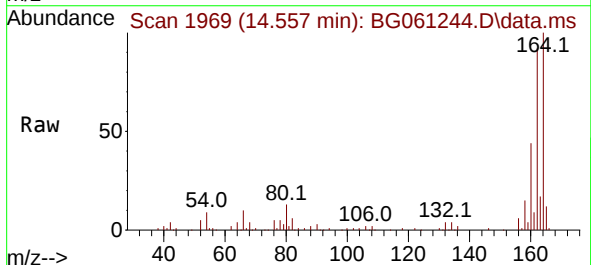
Delta R.T. -0.032 min

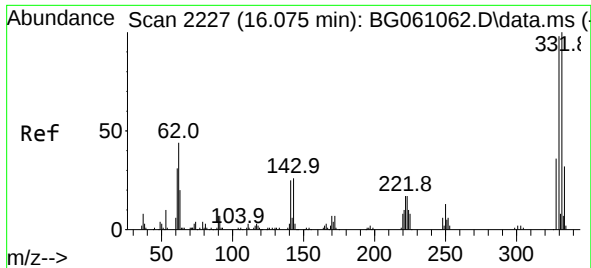
Lab File: BG061244.D

Acq: 17 May 2024 18:36

Tgt Ion: 164 Resp: 81124

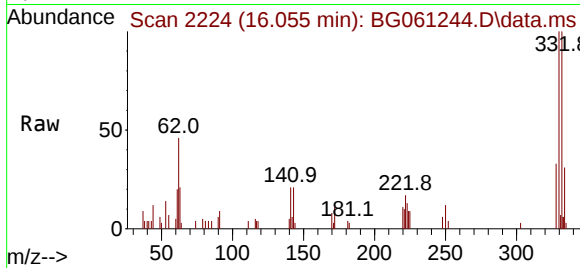
Ion	Ratio	Lower	Upper
164	100		
162	92.0	79.4	119.2
160	43.6	37.0	55.6



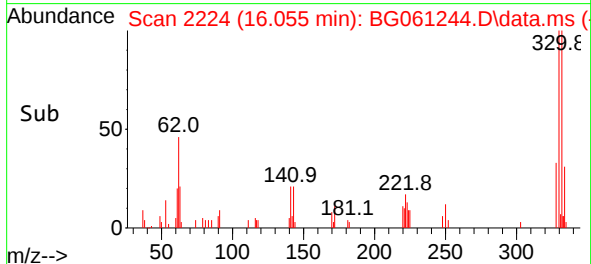
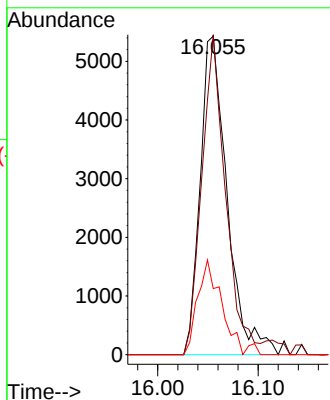


#42
2,4,6-Tribromophenol
Concen: 6.239 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.020 min
Lab File: BG061244.D
Acq: 17 May 2024 18:36

Instrument :
BNA_G
ClientSampleId :
OK-01-051524

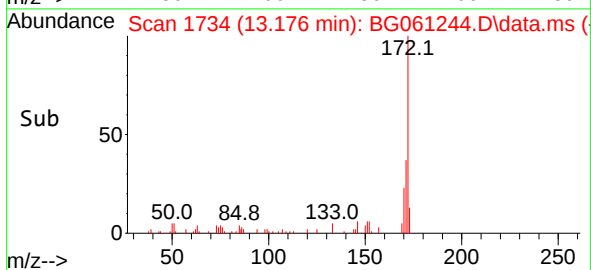
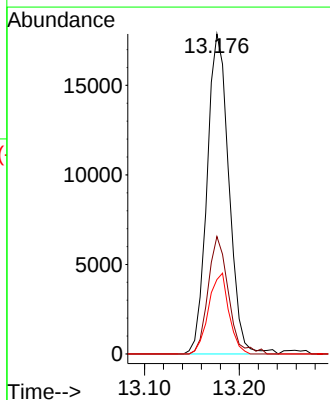
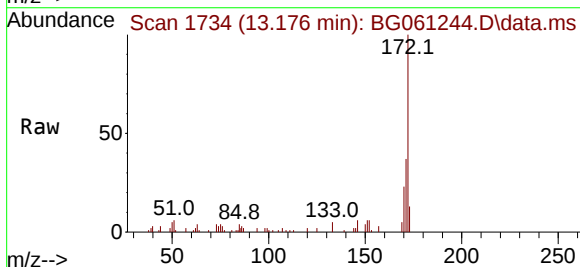


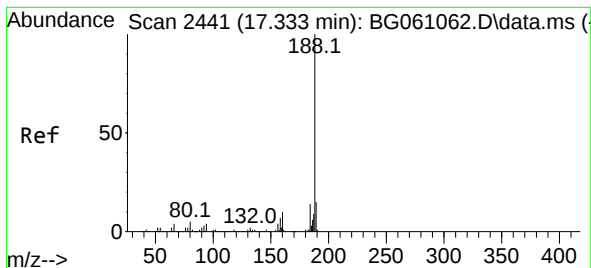
Tgt Ion:330 Resp: 10117
Ion Ratio Lower Upper
330 100
332 89.1 78.6 117.8
141 27.3 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 5.195 ng
RT: 13.176 min Scan# 1734
Delta R.T. -0.032 min
Lab File: BG061244.D
Acq: 17 May 2024 18:36

Tgt Ion:172 Resp: 28499
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.6
170 23.3 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.307 min Scan# 2441

Delta R.T. -0.026 min

Lab File: BG061244.D

Acq: 17 May 2024 18:36

Instrument :

BNA_G

ClientSampleId :

OK-01-051524

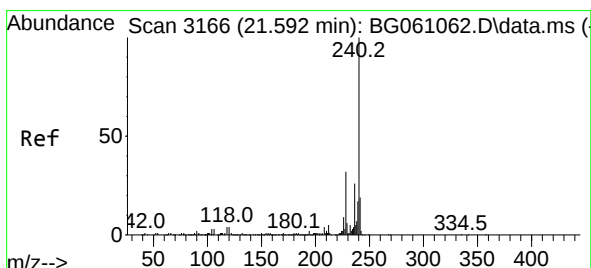
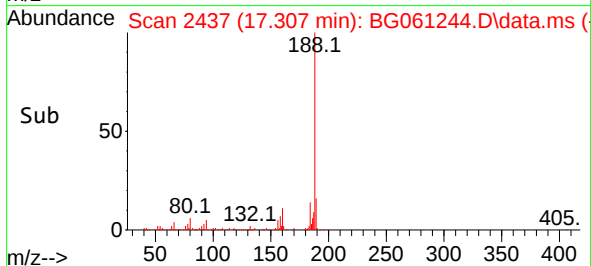
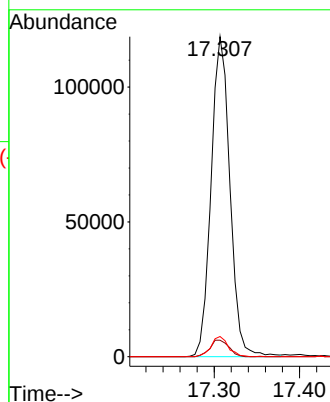
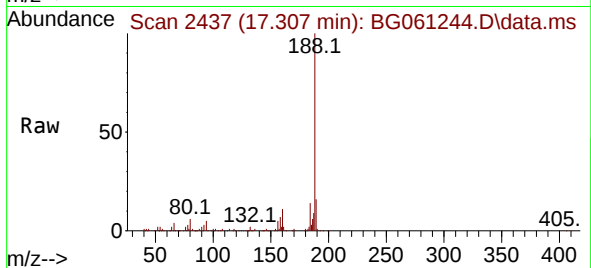
Tgt Ion:188 Resp: 182192

Ion Ratio Lower Upper

188 100

94 5.2 3.6 5.4

80 6.3 4.2 6.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.567 min Scan# 3162

Delta R.T. -0.026 min

Lab File: BG061244.D

Acq: 17 May 2024 18:36

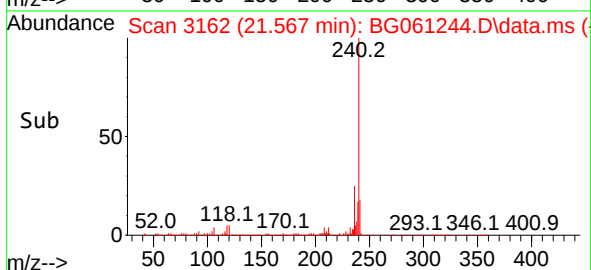
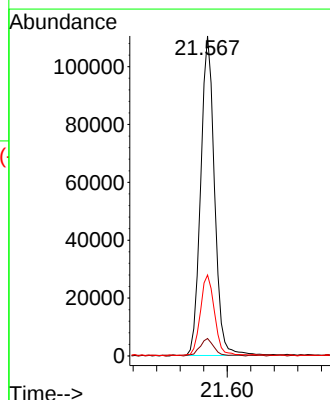
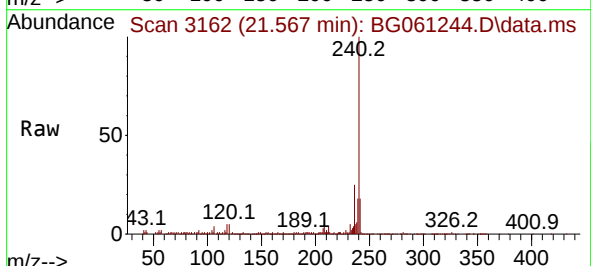
Tgt Ion:240 Resp: 180203

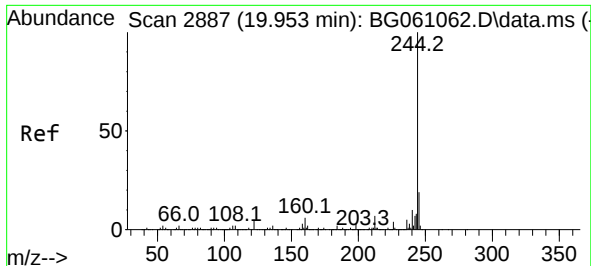
Ion Ratio Lower Upper

240 100

120 5.4 3.2 4.8#

236 25.3 21.0 31.6

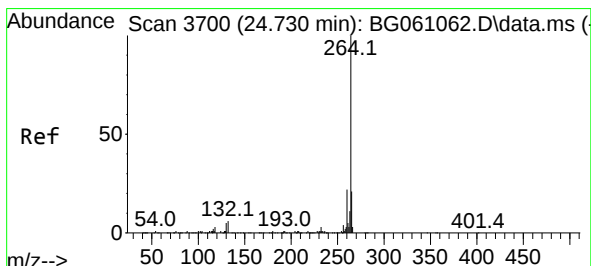
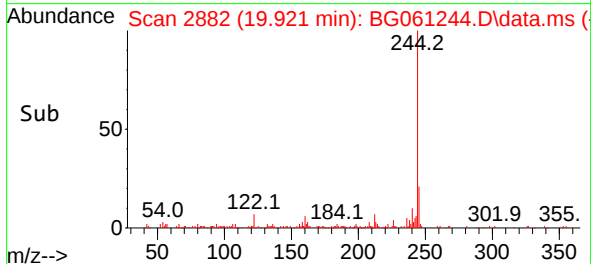
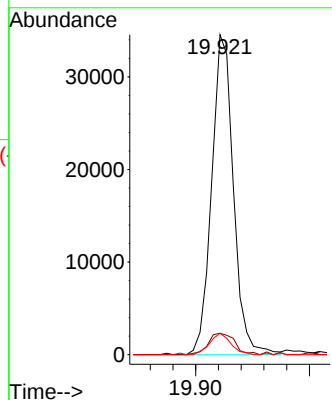
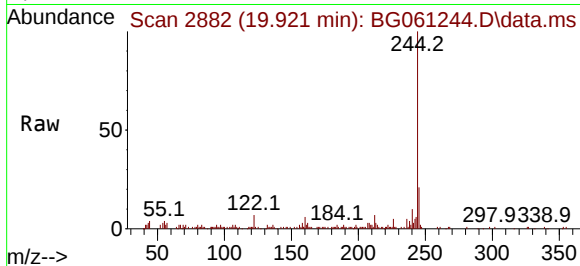




#79
 Terphenyl-d14
 Concen: 4.236 ng
 RT: 19.921 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: BG061244.D
 Acq: 17 May 2024 18:36

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 45901
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 6.7 4.2 6.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.692 min Scan# 3694
 Delta R.T. -0.038 min
 Lab File: BG061244.D
 Acq: 17 May 2024 18:36

Tgt Ion:264 Resp: 223669
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.7 26.5
 265 21.4 16.4 24.6

