

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110124\
 Data File : BG063141.D
 Acq On : 1 Nov 2024 10:19
 Operator : RC/JU
 Sample : PB164401BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB164401BL

Quant Time: Nov 01 13:34:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 01 05:13:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	102387	20.000	ng	# 0.00
21) Naphthalene-d8	10.637	136	388602	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	296046	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	760908	20.000	ng	0.00
76) Chrysene-d12	21.478	240	934606	20.000	ng	0.00
86) Perylene-d12	24.515	264	1037021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.437	112	862753	130.662	ng	0.00
7) Phenol-d6	7.024	99	1147210	132.584	ng	0.00
23) Nitrobenzene-d5	8.998	82	829845	92.877	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	633881	126.051	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	1794795	89.793	ng	0.00
79) Terphenyl-d14	19.856	244	4048977	89.152	ng	0.00

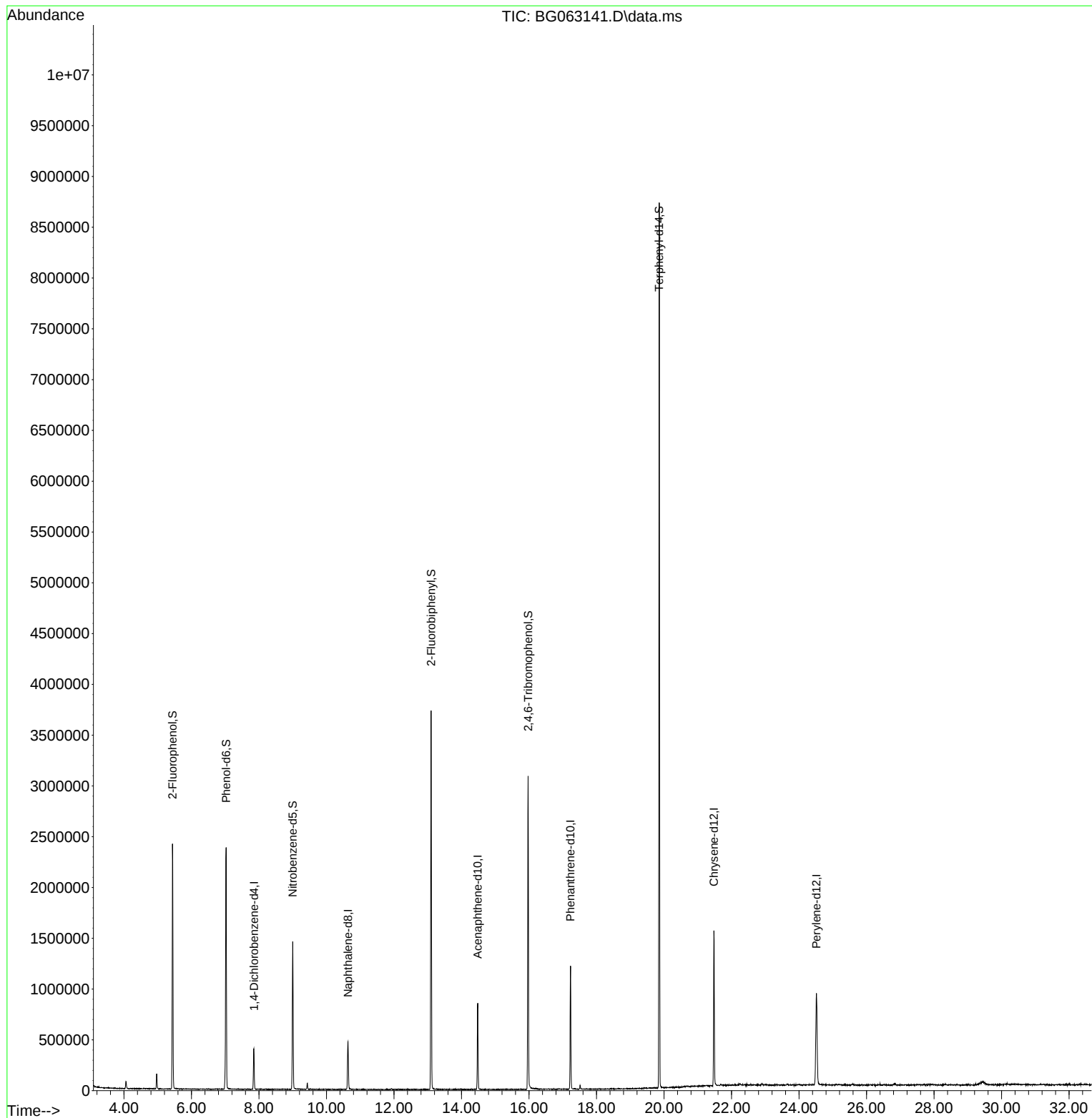
Target Compounds	Qvalue

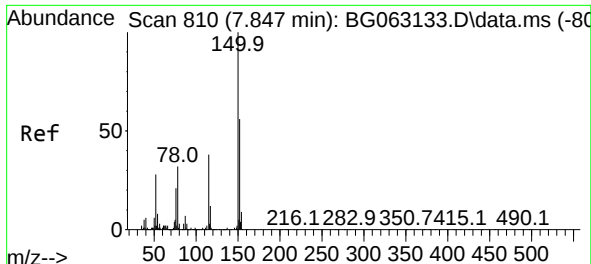
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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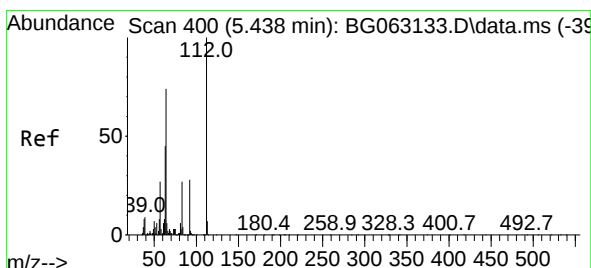
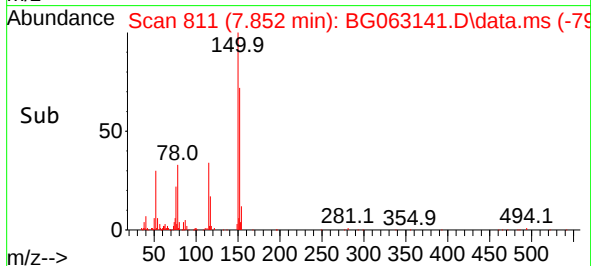
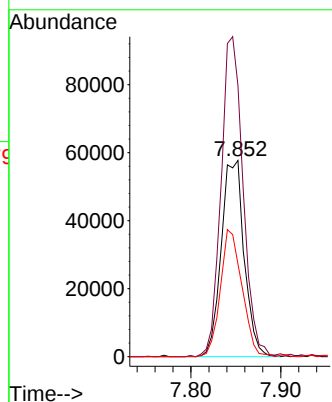
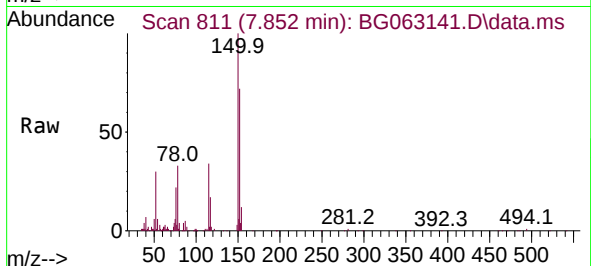




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 810
Delta R.T. 0.005 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

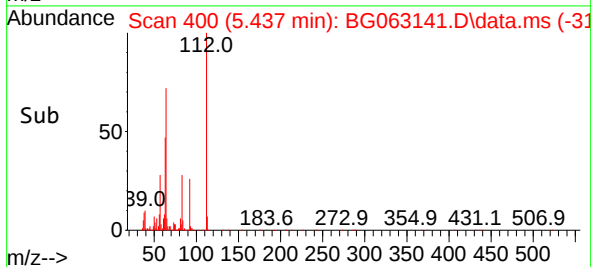
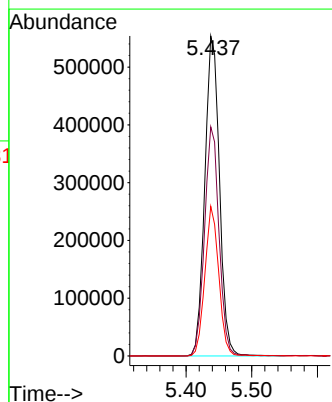
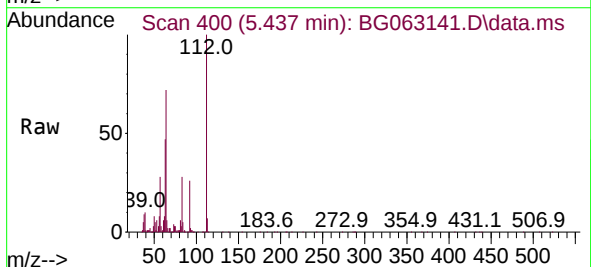
Instrument :
BNA_G
ClientSampleId :
PB164401BL

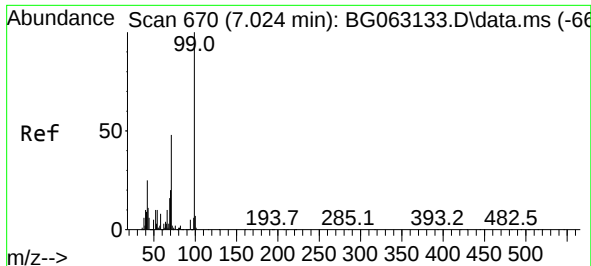
Tgt Ion:152 Resp: 102387
Ion Ratio Lower Upper
152 100
150 138.2 143.1 214.7#
115 47.2 55.0 82.4#



#5
2-Fluorophenol
Concen: 130.662 ng
RT: 5.437 min Scan# 400
Delta R.T. -0.000 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Tgt Ion:112 Resp: 862753
Ion Ratio Lower Upper
112 100
64 71.6 59.4 89.0
63 46.7 35.8 53.6



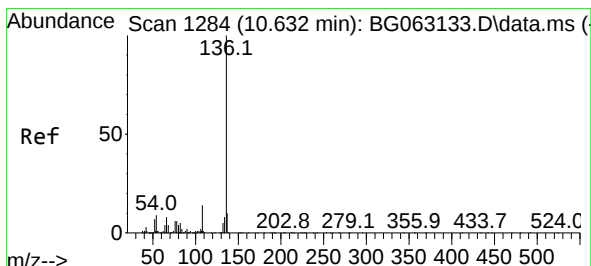
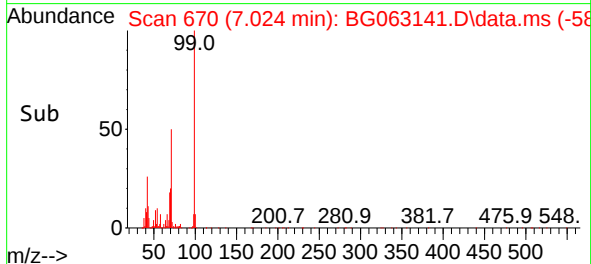
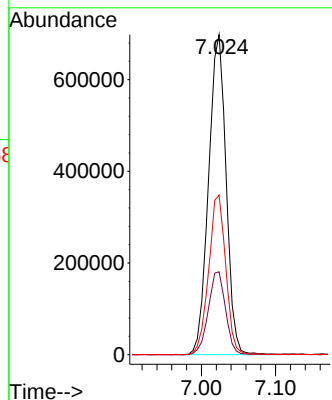
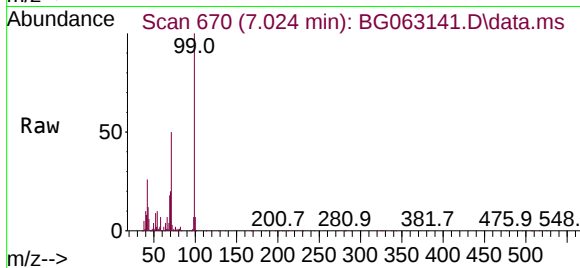


#7
Phenol-d6
Concen: 132.584 ng
RT: 7.024 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Instrument :
BNA_G
ClientSampleId :
PB164401BL

Tgt Ion: 99 Resp: 1147210

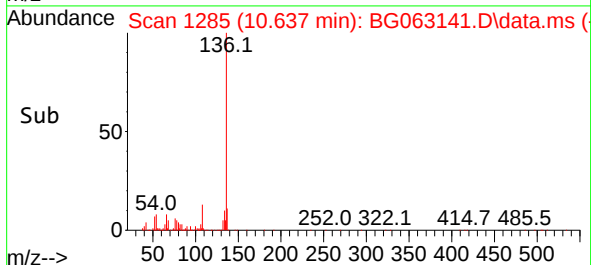
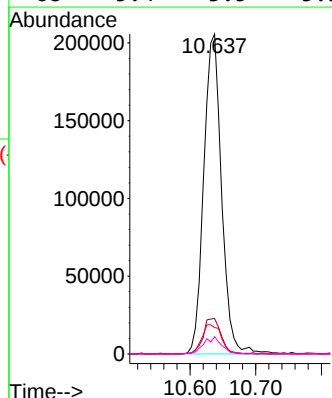
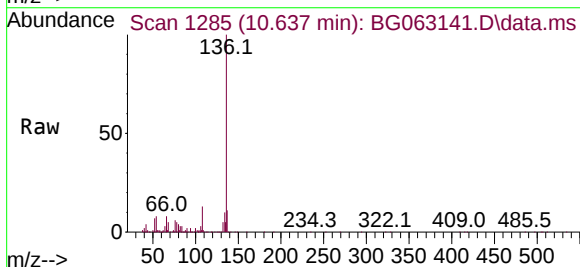
Ion	Ratio	Lower	Upper
99	100		
42	25.9	20.0	30.0
71	49.8	38.2	57.4

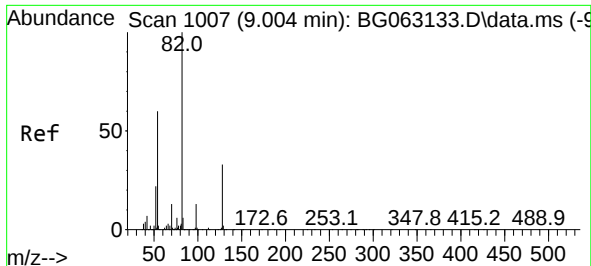


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.637 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Tgt Ion: 136 Resp: 388602

Ion	Ratio	Lower	Upper
136	100		
137	11.1	7.8	11.6
54	8.3	7.3	10.9
68	5.4	3.5	5.3

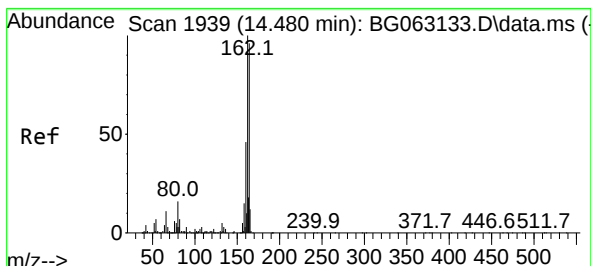
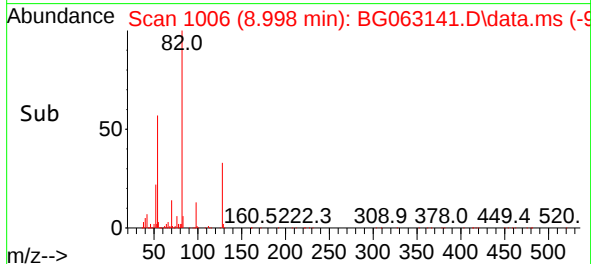
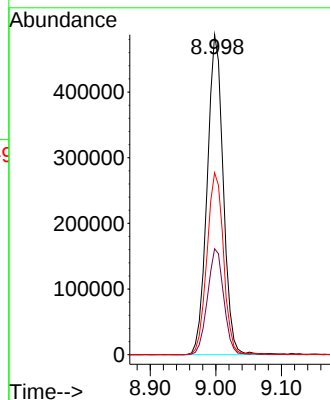
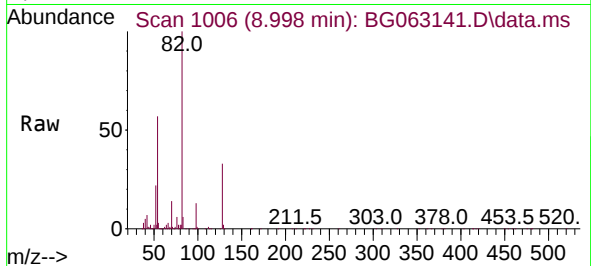




#23
Nitrobenzene-d5
Concen: 92.877 ng
RT: 8.998 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

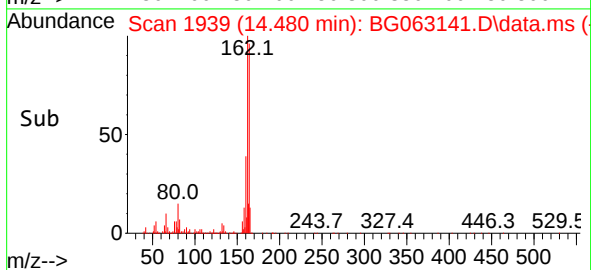
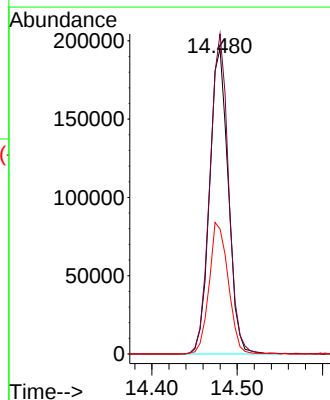
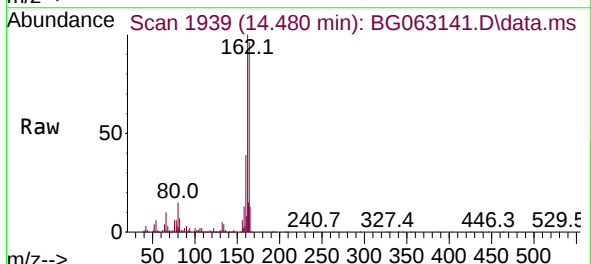
Instrument :
BNA_G
ClientSampleId :
PB164401BL

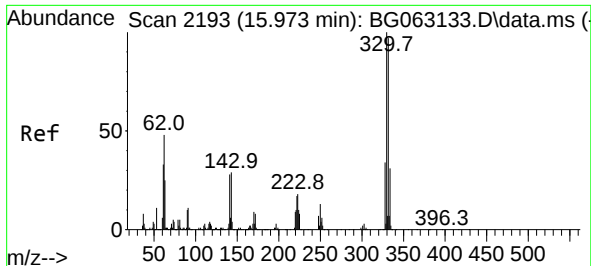
Tgt Ion: 82 Resp: 829845
Ion Ratio Lower Upper
82 100
128 33.1 26.6 39.8
54 56.9 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Tgt Ion:164 Resp: 296046
Ion Ratio Lower Upper
164 100
162 104.7 83.4 125.0
160 40.9 38.0 57.0

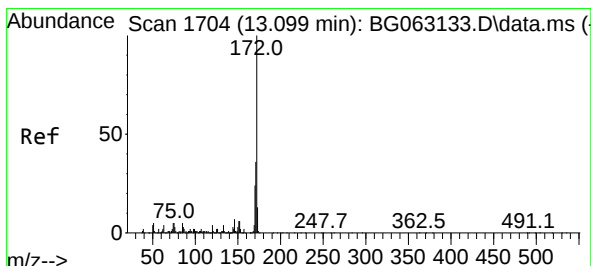
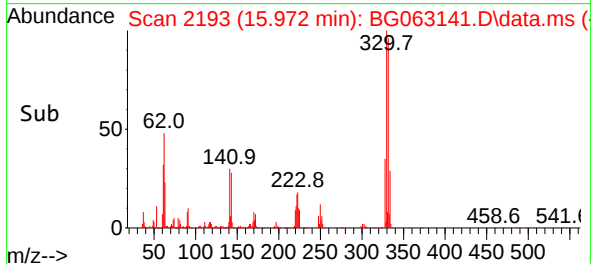
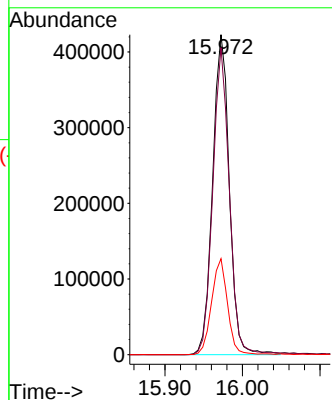
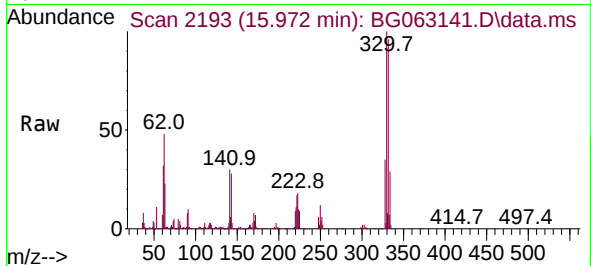




#42
2,4,6-Tribromophenol
Concen: 126.051 ng
RT: 15.972 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

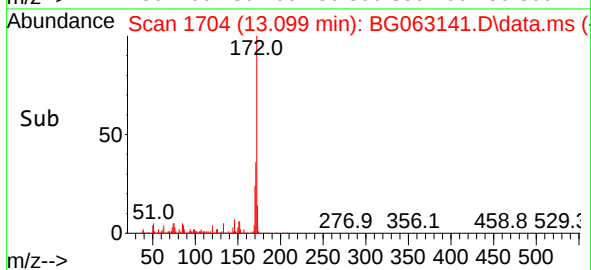
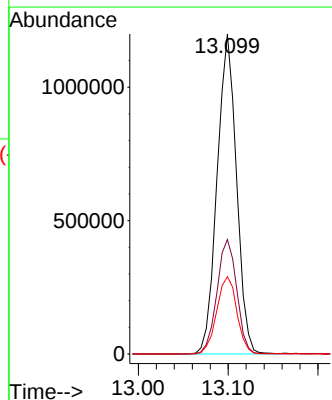
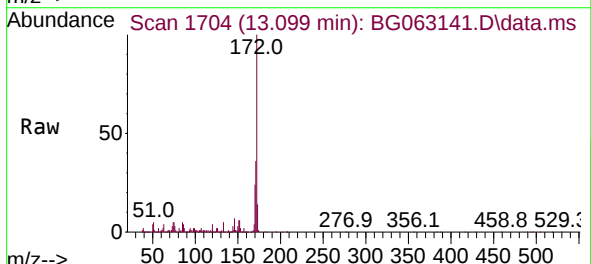
Instrument :
BNA_G
ClientSampleId :
PB164401BL

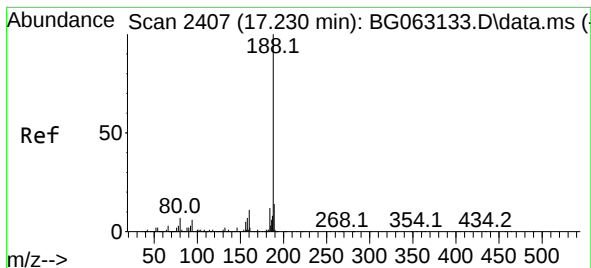
Tgt Ion:330 Resp: 633881
Ion Ratio Lower Upper
330 100
332 95.4 78.6 117.8
141 28.5 22.6 34.0



#45
2-Fluorobiphenyl
Concen: 89.793 ng
RT: 13.099 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BG063141.D
Acq: 1 Nov 2024 10:19

Tgt Ion:172 Resp: 1794795
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 24.2 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.230 min Scan# 2407

Delta R.T. -0.000 min

Lab File: BG063141.D

Acq: 1 Nov 2024 10:19

Instrument :

BNA_G

ClientSampleId :

PB164401BL

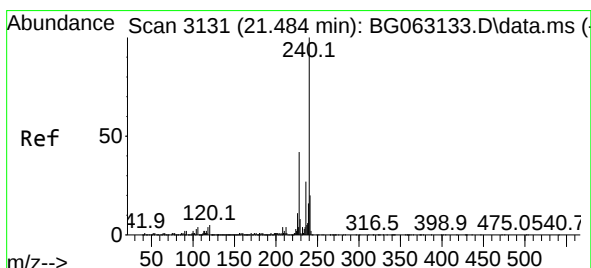
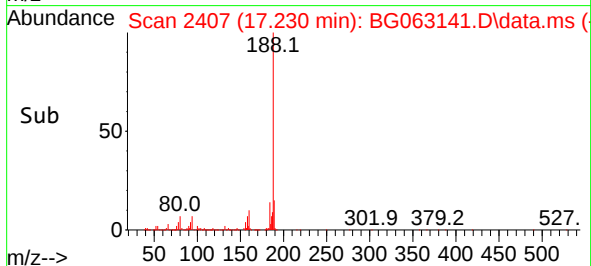
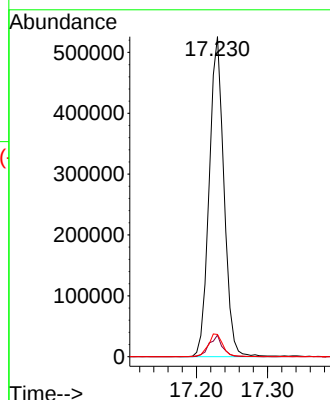
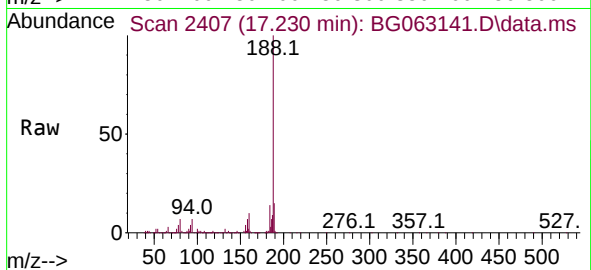
Tgt Ion:188 Resp: 760908

Ion Ratio Lower Upper

188 100

94 6.8 4.8 7.2

80 6.9 5.9 8.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.478 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BG063141.D

Acq: 1 Nov 2024 10:19

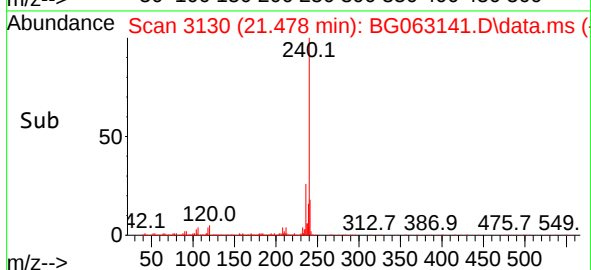
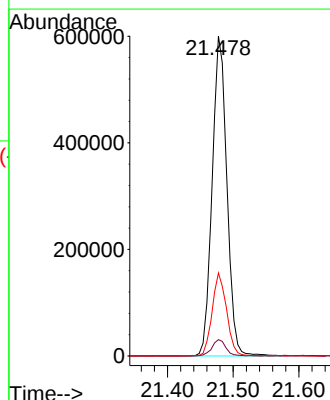
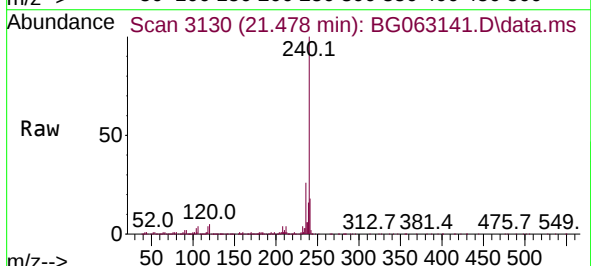
Tgt Ion:240 Resp: 934606

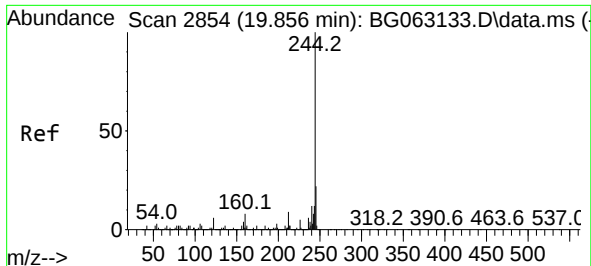
Ion Ratio Lower Upper

240 100

120 5.1 3.9 5.9

236 25.9 21.4 32.2

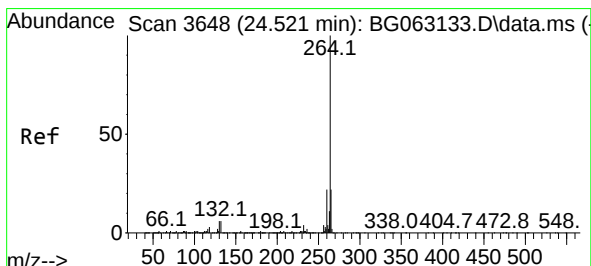
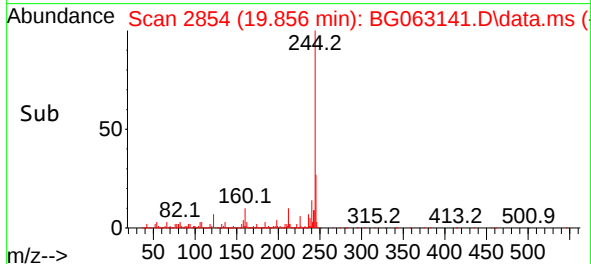
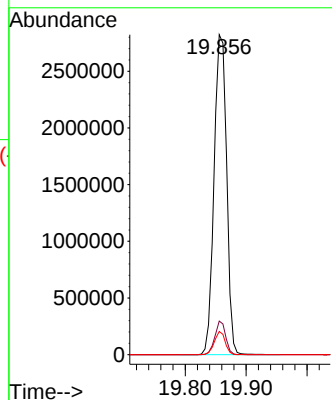
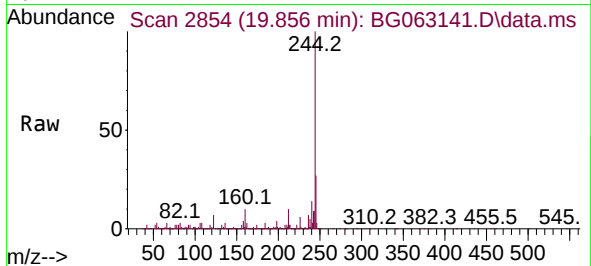




#79
 Terphenyl-d14
 Concen: 89.152 ng
 RT: 19.856 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG063141.D
 Acq: 1 Nov 2024 10:19

Instrument :
 BNA_G
 ClientSampleId :
 PB164401BL

Tgt Ion:244 Resp: 4048977
 Ion Ratio Lower Upper
 244 100
 212 10.5 7.3 10.9
 122 7.3 4.8 7.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.515 min Scan# 3647
 Delta R.T. -0.006 min
 Lab File: BG063141.D
 Acq: 1 Nov 2024 10:19

Tgt Ion:264 Resp: 1037021
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.4 26.2
 265 22.2 17.4 26.0

