

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060730.D
 Acq On : 2 Apr 2024 1:02
 Operator : MA/JU
 Sample : P1880-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YANUZZI-GROUP

Quant Time: Apr 02 05:09:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

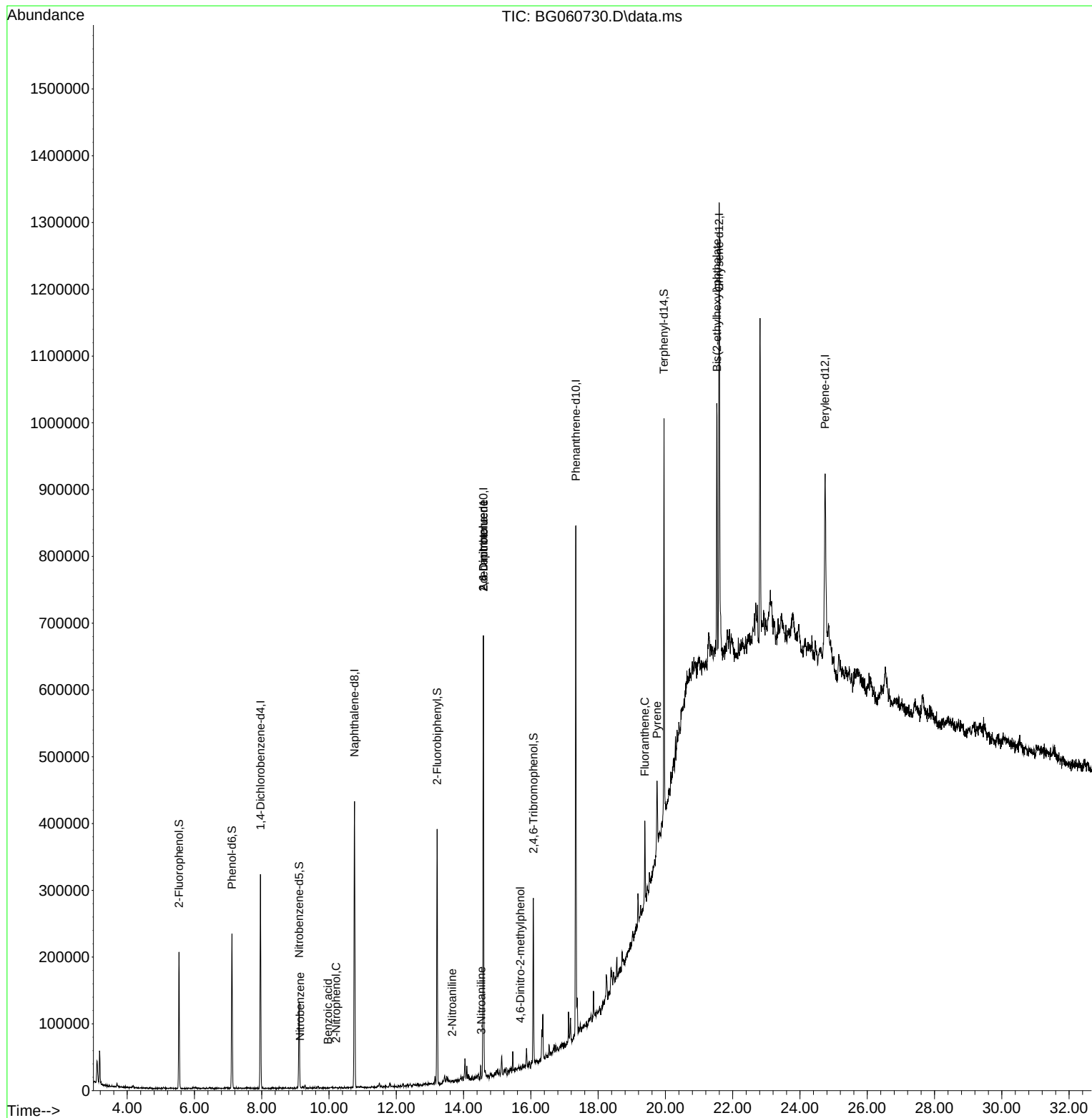
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	82779	20.000	ng	0.00
21) Naphthalene-d8	10.756	136	347266	20.000	ng	0.00
39) Acenaphthene-d10	14.587	164	226258	20.000	ng	0.00
64) Phenanthrene-d10	17.337	188	474752	20.000	ng	0.00
76) Chrysene-d12	21.597	240	422552	20.000	ng	0.00
86) Perylene-d12	24.746	264	404475	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	80438	16.188	ng	0.00
7) Phenol-d6	7.114	99	120228	16.300	ng	0.00
23) Nitrobenzene-d5	9.111	82	67098	11.025	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	47361	18.440	ng	0.00
45) 2-Fluorobiphenyl	13.212	172	189646	12.301	ng	0.00
79) Terphenyl-d14	19.957	244	289387	12.059	ng	0.00
Target Compounds						Qvalue
24) Nitrobenzene	9.141	77	62	2.781	ng	# 42
26) 2-Nitrophenol	10.210	139	55	2.985	ng	# 31
32) Benzoic acid	9.969	122	56	6.849	ng	# 28
48) 2-Nitroaniline	13.665	65	54	2.805	ng	# 11
51) 2,6-Dinitrotoluene	14.587	165	28562	11.765	ng	# 19
53) 3-Nitroaniline	14.528	138	57	2.866	ng	# 1
57) 2,4-Dinitrotoluene	14.587	165	28562	9.910	ng	# 20
65) 4,6-Dinitro-2-methylph...	15.686	198	58	7.059	ng	# 1
75) Fluoranthene	19.387	202	73252	2.445	ng	97
78) Pyrene	19.746	202	67620	2.288	ng	97
84) Bis(2-ethylhexyl)phtha...	21.532	149	149130	8.679	ng	# 97

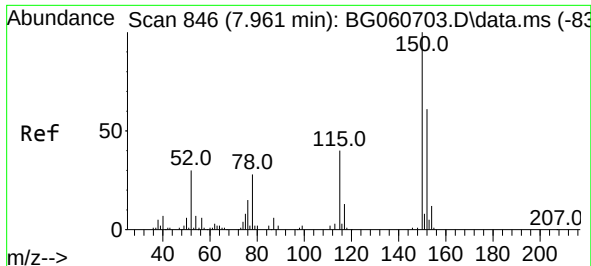
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
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BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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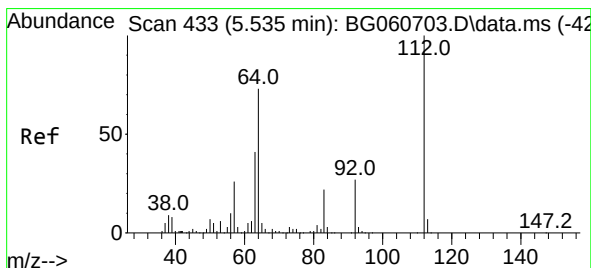
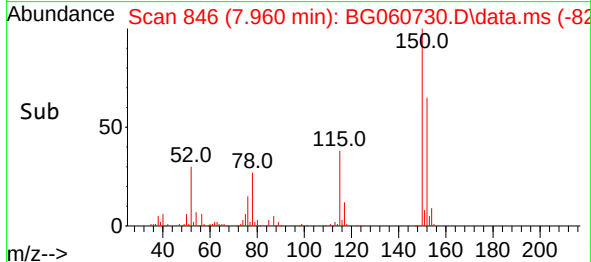
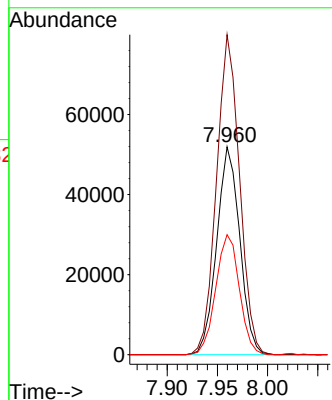
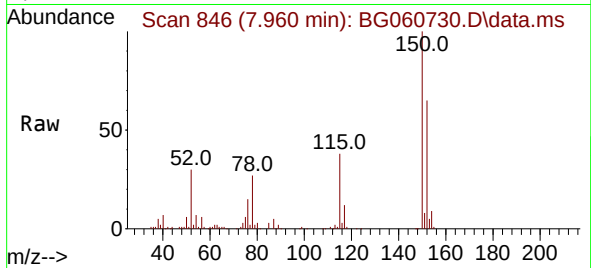




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.960 min Scan# 846
Delta R.T. -0.001 min
Lab File: BG060730.D
Acq: 2 Apr 2024 1:02

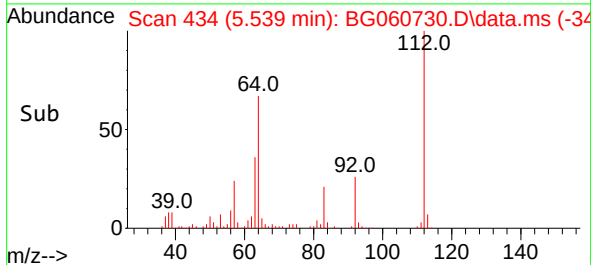
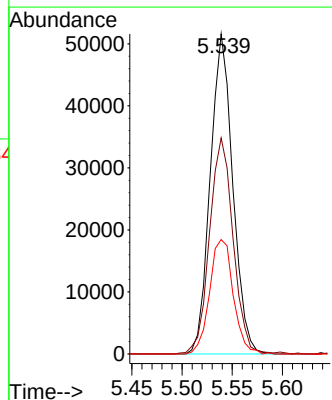
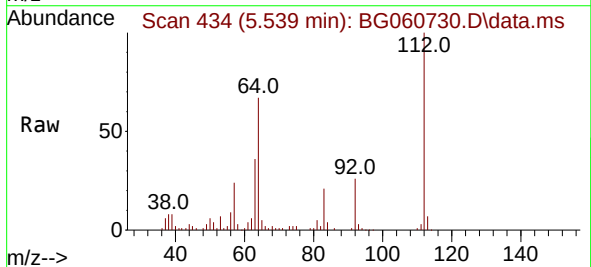
Instrument :
BNA_G
ClientSampleId :
YANUZZI-GROUP

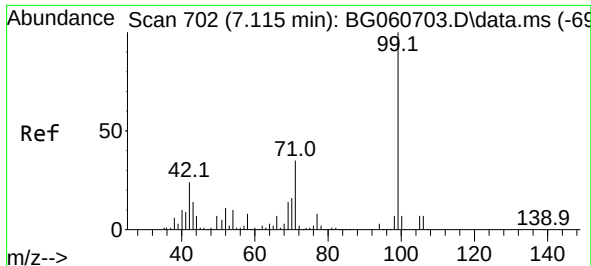
Tgt Ion:152 Resp: 82779
Ion Ratio Lower Upper
152 100
150 154.0 130.2 195.4
115 57.8 51.6 77.4



#5
2-Fluorophenol
Concen: 16.188 ng
RT: 5.539 min Scan# 434
Delta R.T. 0.004 min
Lab File: BG060730.D
Acq: 2 Apr 2024 1:02

Tgt Ion:112 Resp: 80438
Ion Ratio Lower Upper
112 100
64 67.5 58.4 87.6
63 35.8 32.7 49.1

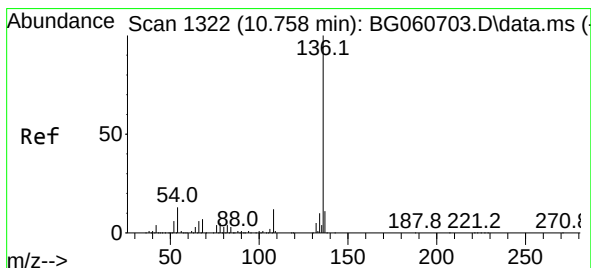
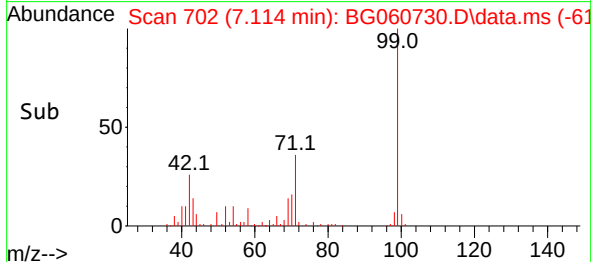
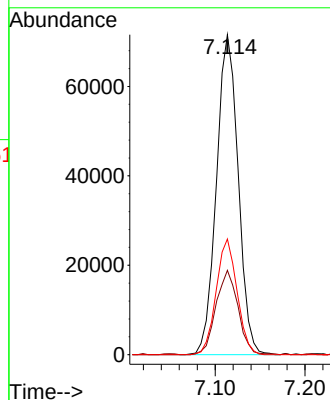
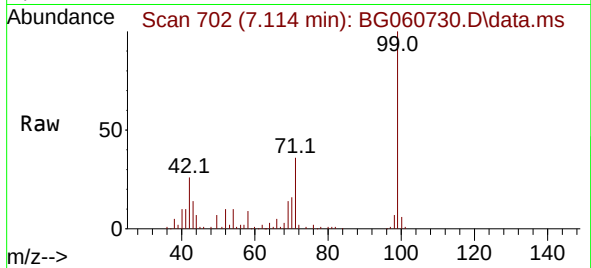




#7
Phenol-d6
Concen: 16.300 ng
RT: 7.114 min Scan# 702
Delta R.T. -0.002 min
Lab File: BG060730.D
Acq: 2 Apr 2024 1:02

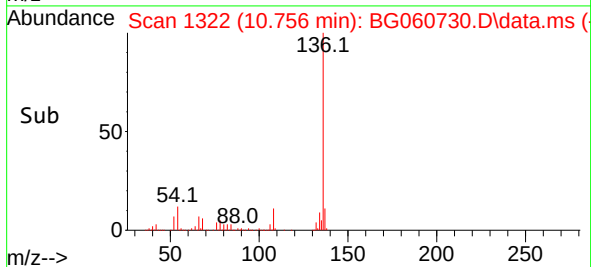
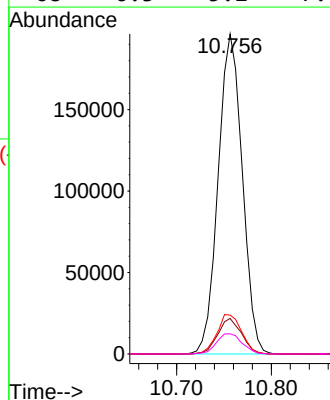
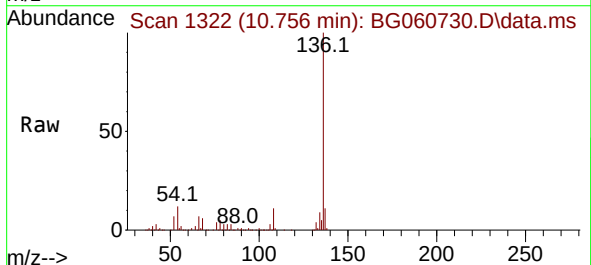
Instrument :
BNA_G
ClientSampleId :
YANUZZI-GROUP

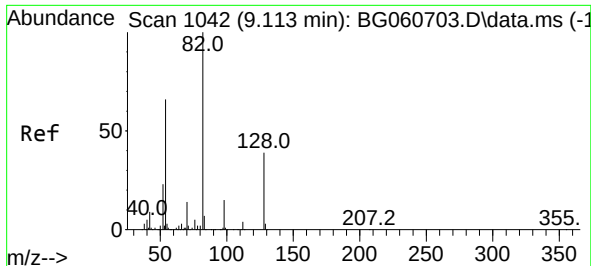
Tgt Ion: 99 Resp: 120228
Ion Ratio Lower Upper
99 100
42 26.4 19.4 29.2
71 36.2 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.756 min Scan# 1322
Delta R.T. -0.002 min
Lab File: BG060730.D
Acq: 2 Apr 2024 1:02

Tgt Ion:136 Resp: 347266
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 12.1 10.2 15.2
68 6.3 5.2 7.8

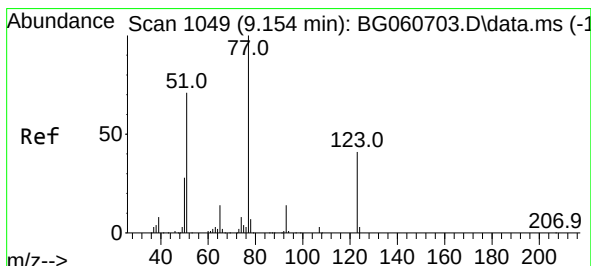
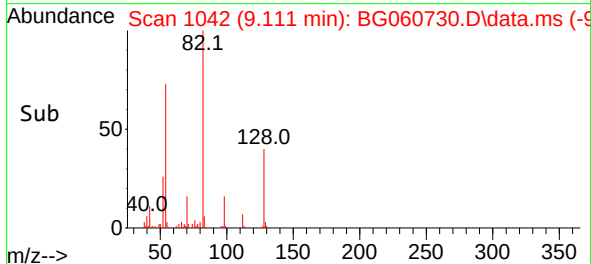
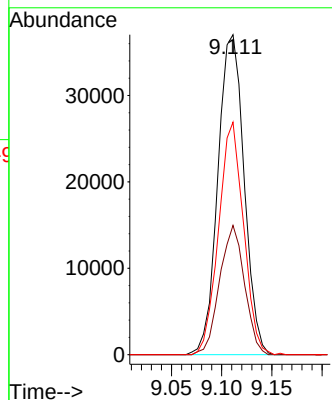
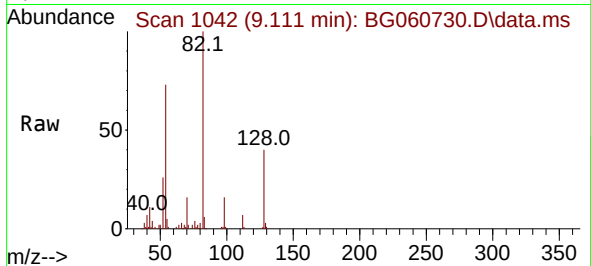




#23
Nitrobenzene-d5
Concen: 11.025 ng
RT: 9.111 min Scan# 1042
Delta R.T. -0.002 min
Lab File: BG060730.D
Acq: 2 Apr 2024 1:02

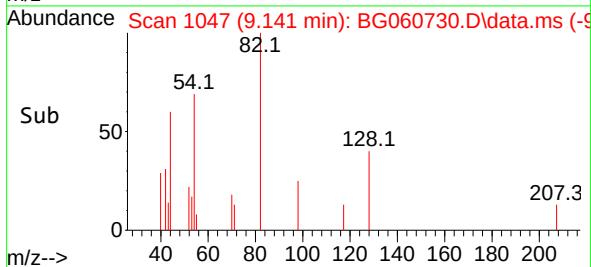
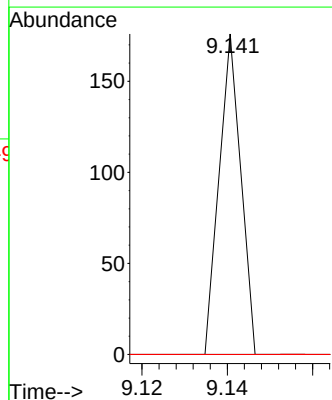
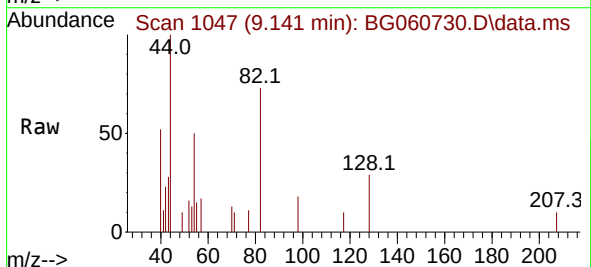
Instrument :
BNA_G
ClientSampleId :
YANUZZI-GROUP

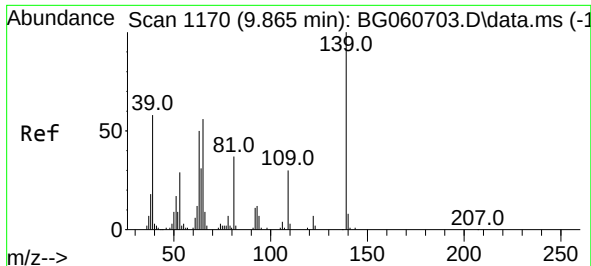
Tgt Ion: 82 Resp: 67098
Ion Ratio Lower Upper
82 100
128 40.4 31.2 46.8
54 72.6 53.2 79.8



#24
Nitrobenzene
Concen: 2.781 ng
RT: 9.141 min Scan# 1047
Delta R.T. -0.013 min
Lab File: BG060730.D
Acq: 2 Apr 2024 1:02

Tgt Ion: 77 Resp: 62
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#

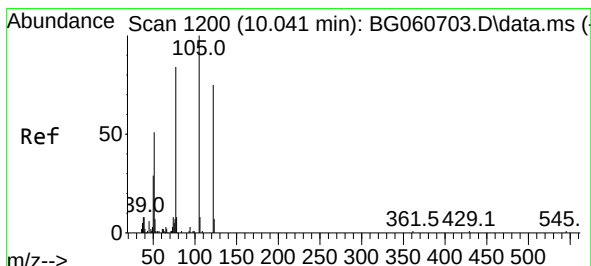
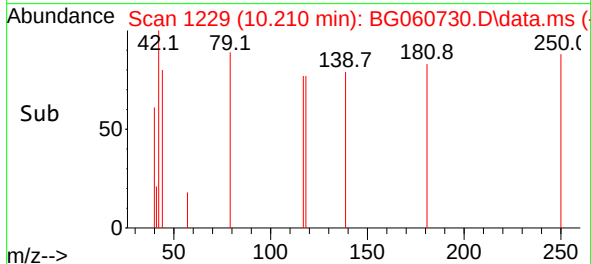
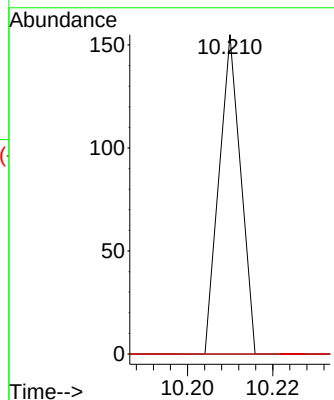
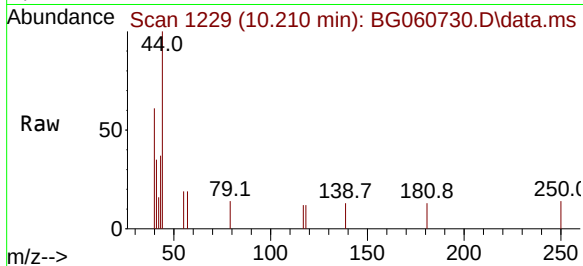




#26
2-Nitrophenol
Concen: 2.985 ng
RT: 10.210 min Scan# 1170
Delta R.T. 0.345 min
Lab File: BG060730.D
Acq: 2 Apr 2024 1:02

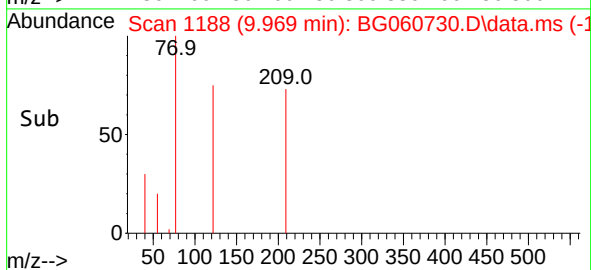
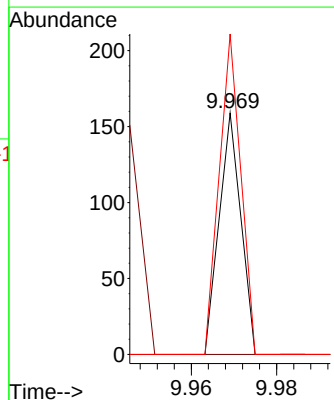
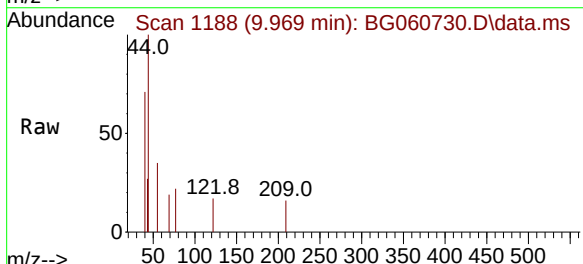
Instrument :
BNA_G
ClientSampleId :
YANUZZI-GROUP

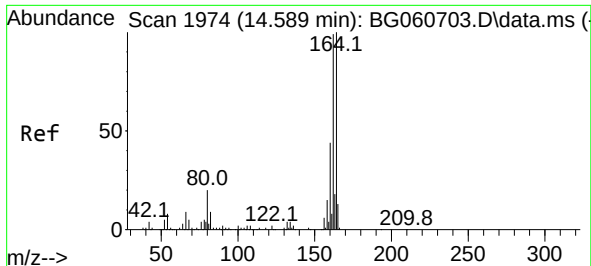
Tgt Ion:139 Resp: 55
Ion Ratio Lower Upper
139 100
109 0.0 23.9 35.9#
65 0.0 44.5 66.7#



#32
Benzoic acid
Concen: 6.849 ng
RT: 9.969 min Scan# 1188
Delta R.T. -0.072 min
Lab File: BG060730.D
Acq: 2 Apr 2024 1:02

Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 104.5 144.5#
77 132.7 85.3 125.3#

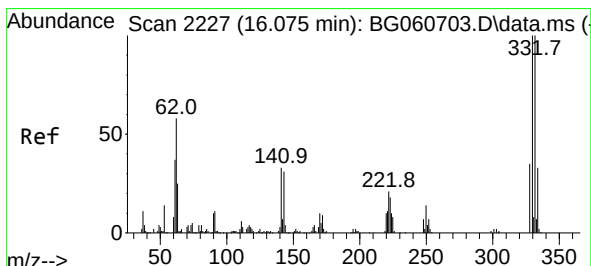
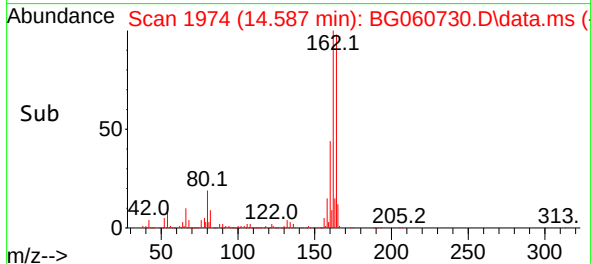
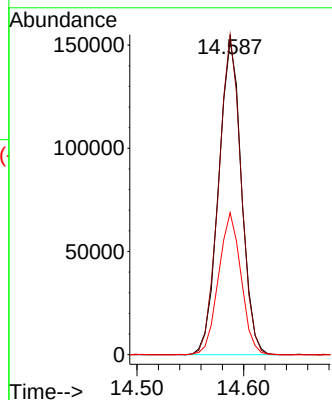
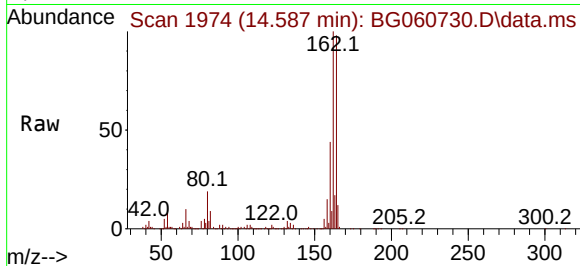




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.587 min Scan# 1974
Delta R.T. -0.002 min
Lab File: BG060730.D
Acq: 2 Apr 2024 1:02

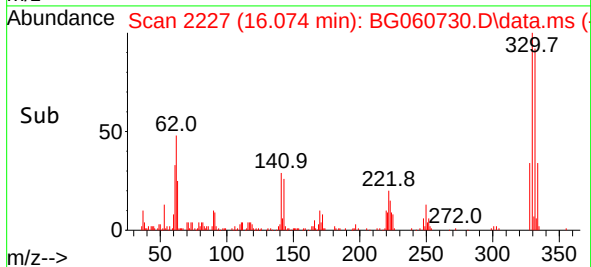
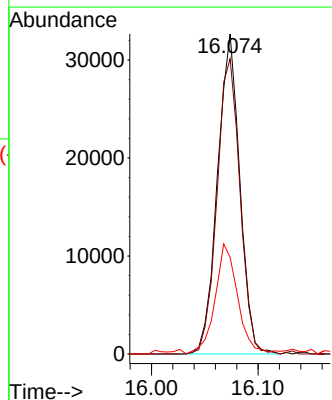
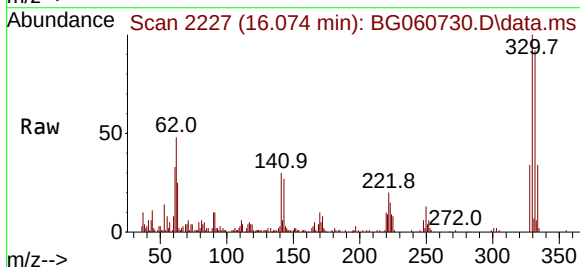
Instrument :
BNA_G
ClientSampleId :
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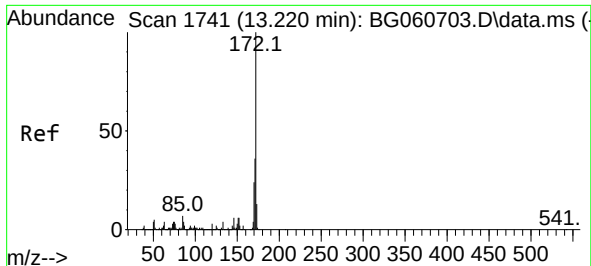
Tgt Ion:164 Resp: 226258
Ion Ratio Lower Upper
164 100
162 101.8 79.5 119.3
160 45.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 18.440 ng
RT: 16.074 min Scan# 2227
Delta R.T. -0.002 min
Lab File: BG060730.D
Acq: 2 Apr 2024 1:02

Tgt Ion:330 Resp: 47361
Ion Ratio Lower Upper
330 100
332 95.1 78.2 117.4
141 34.7 27.0 40.6

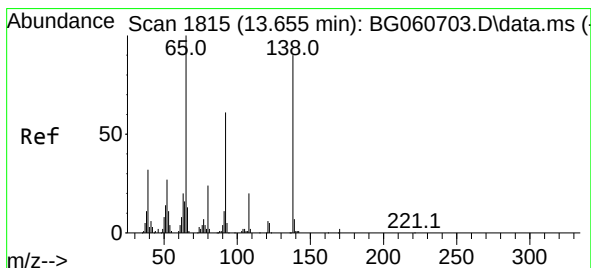
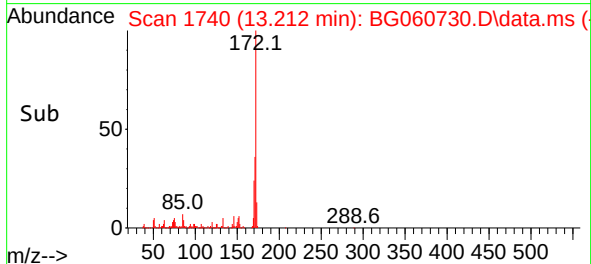
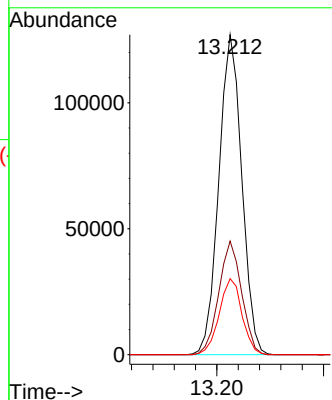
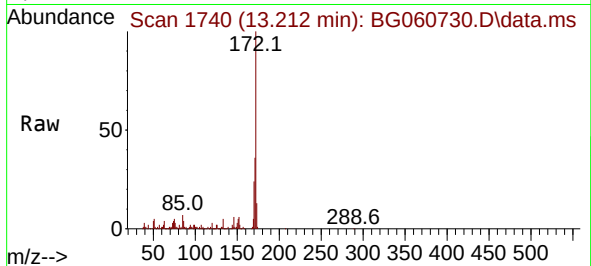




#45
2-Fluorobiphenyl
Concen: 12.301 ng
RT: 13.212 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG060730.D
Acq: 2 Apr 2024 1:02

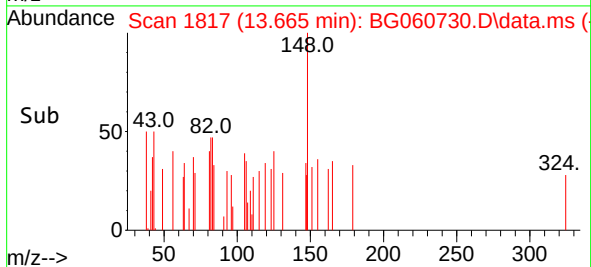
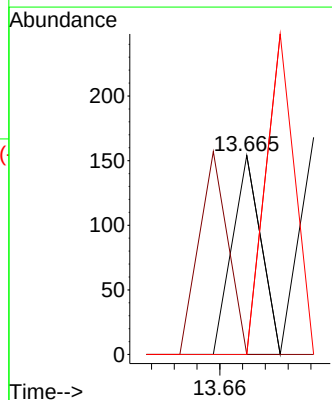
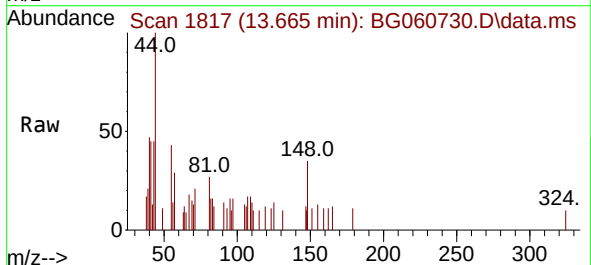
Instrument :
BNA_G
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YANUZZI-GROUP

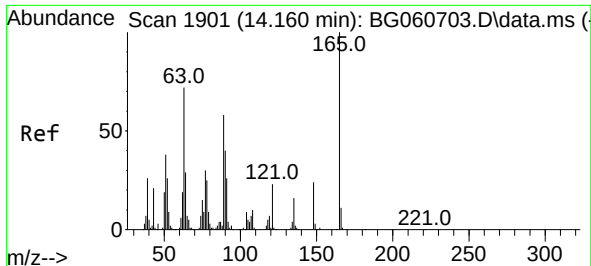
Tgt Ion:172 Resp: 189646
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.7 19.4 29.0



#48
2-Nitroaniline
Concen: 2.805 ng
RT: 13.665 min Scan# 1817
Delta R.T. 0.010 min
Lab File: BG060730.D
Acq: 2 Apr 2024 1:02

Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#

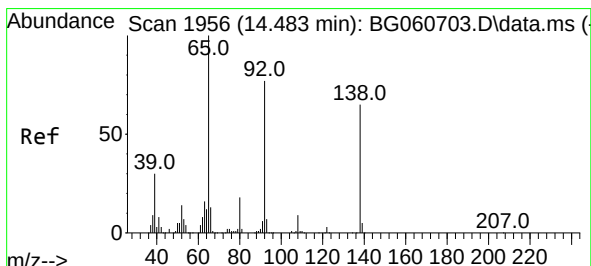
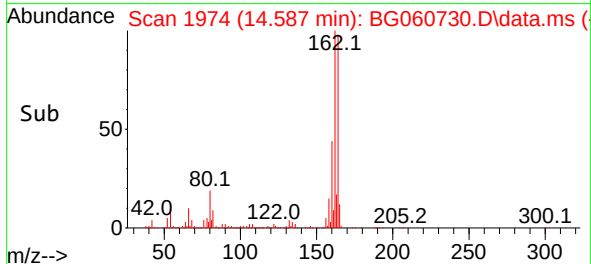
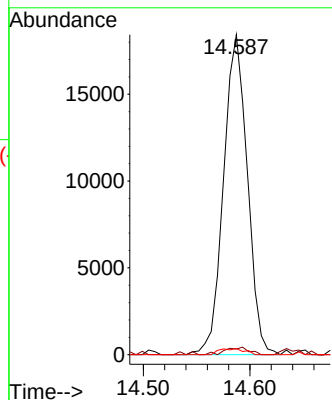
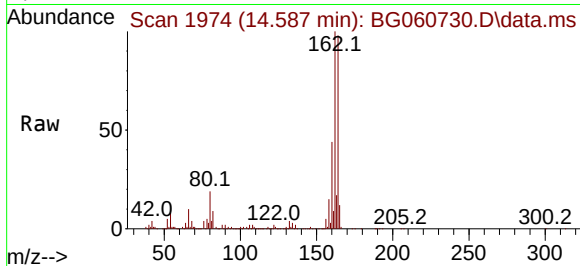




#51
2,6-Dinitrotoluene
Concen: 11.765 ng
RT: 14.587 min Scan# 1901
Delta R.T. 0.427 min
Lab File: BG060730.D
Acq: 2 Apr 2024 1:02

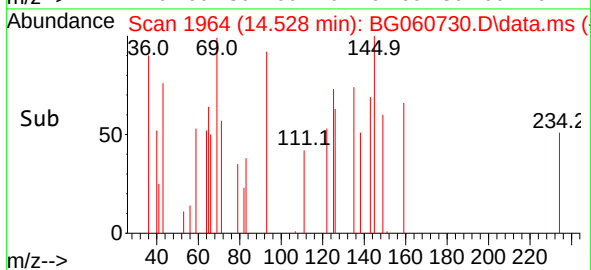
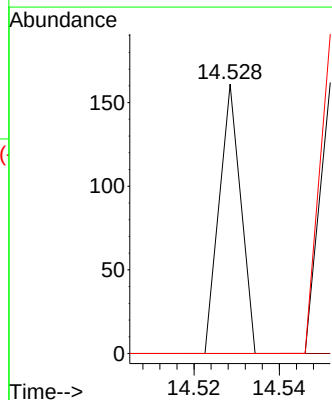
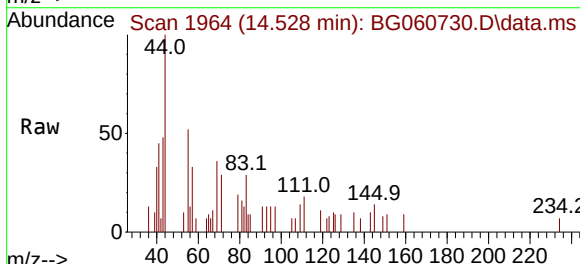
Instrument :
BNA_G
ClientSampleId :
YANUZZI-GROUP

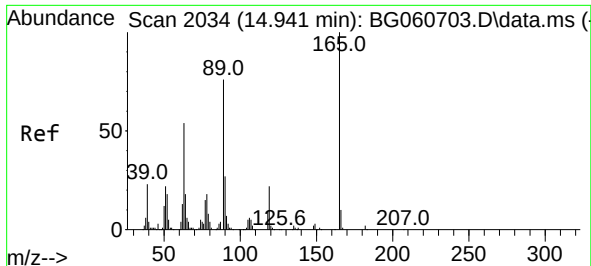
Tgt Ion:165 Resp: 28562
Ion Ratio Lower Upper
165 100
63 1.8 58.2 87.4#
89 2.0 46.1 69.1#



#53
3-Nitroaniline
Concen: 2.866 ng
RT: 14.528 min Scan# 1964
Delta R.T. 0.045 min
Lab File: BG060730.D
Acq: 2 Apr 2024 1:02

Tgt Ion:138 Resp: 57
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#

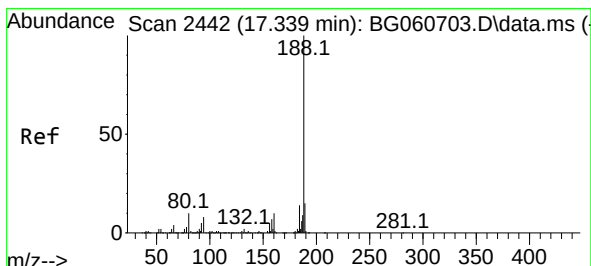
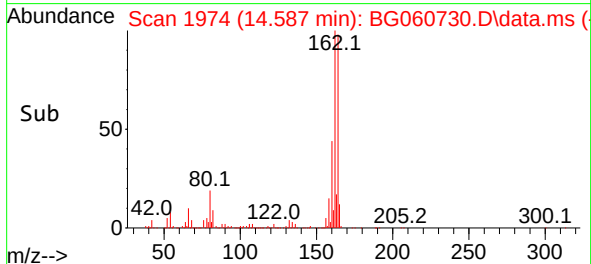
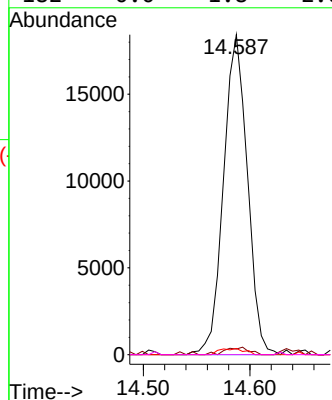
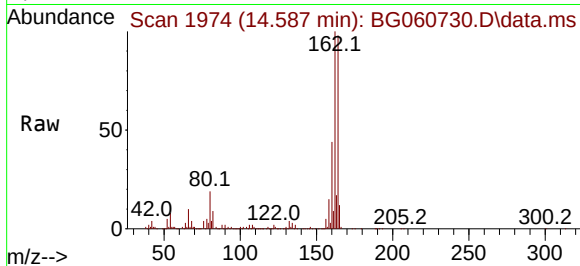




#57
2,4-Dinitrotoluene
Concen: 9.910 ng
RT: 14.587 min Scan# 1974
Delta R.T. -0.354 min
Lab File: BG060730.D
Acq: 2 Apr 2024 1:02

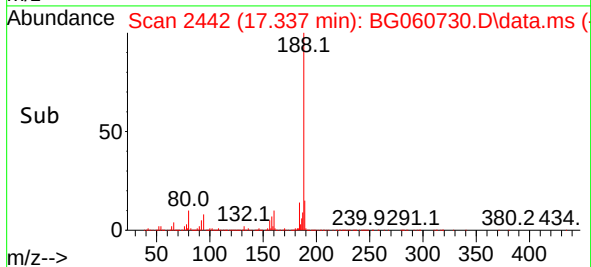
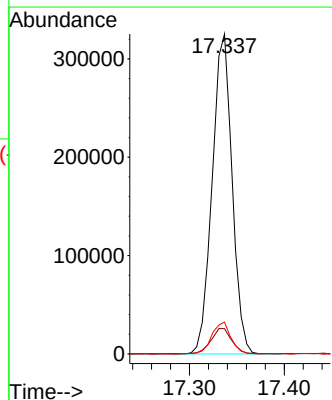
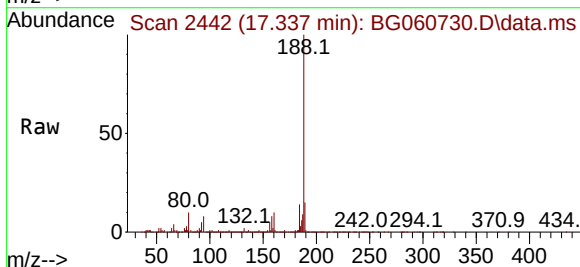
Instrument :
BNA_G
ClientSampleId :
YANUZZI-GROUP

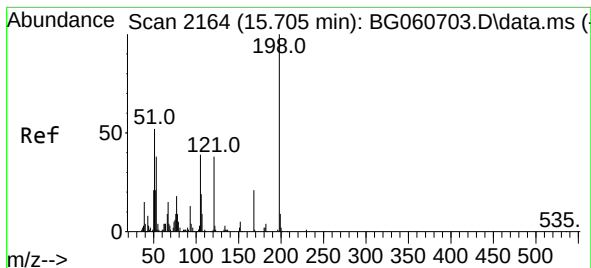
Tgt Ion:165 Resp: 28562
Ion Ratio Lower Upper
165 100
63 1.8 43.4 65.0#
89 2.0 61.0 91.6#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.337 min Scan# 2442
Delta R.T. -0.002 min
Lab File: BG060730.D
Acq: 2 Apr 2024 1:02

Tgt Ion:188 Resp: 474752
Ion Ratio Lower Upper
188 100
94 7.9 6.6 9.8
80 9.9 7.6 11.4

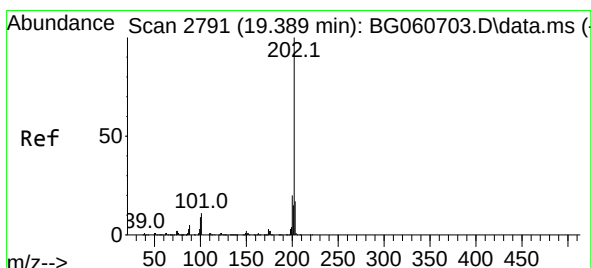
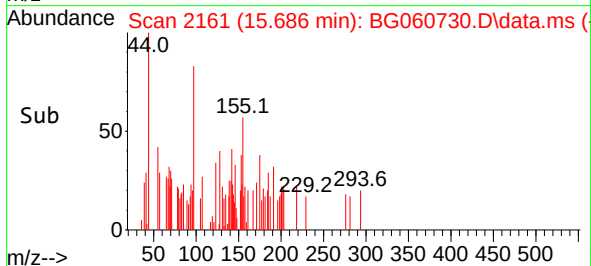
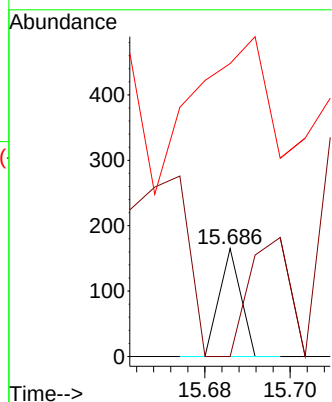
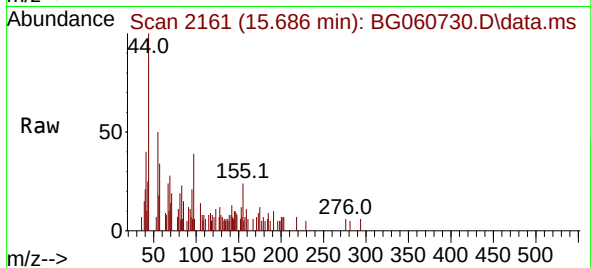




#65
4,6-Dinitro-2-methylphenol
Concen: 7.059 ng
RT: 15.686 min Scan# 2164
Delta R.T. -0.019 min
Lab File: BG060730.D
Acq: 2 Apr 2024 1:02

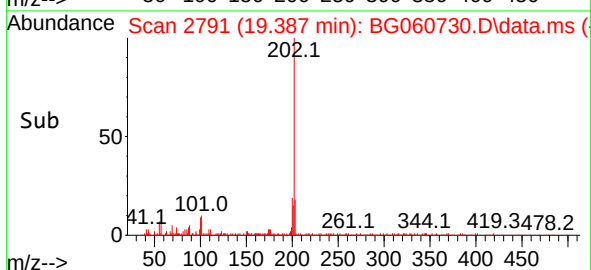
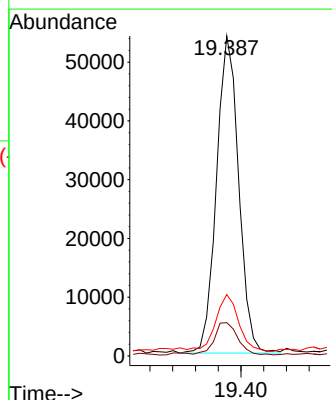
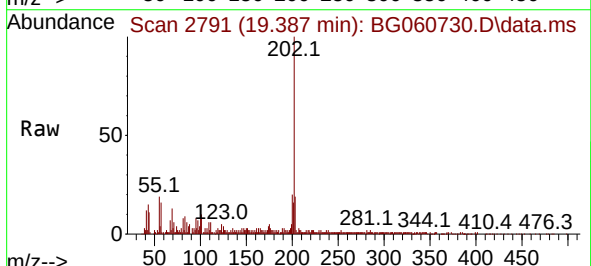
Instrument :
BNA_G
ClientSampleId :
YANUZZI-GROUP

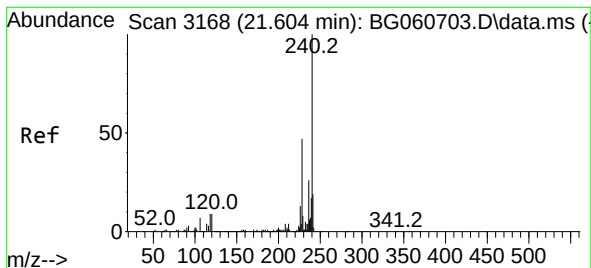
Tgt Ion:198 Resp: 58
Ion Ratio Lower Upper
198 100
51 0.0 36.7 76.7#
105 271.5 19.1 59.1#



#75
Fluoranthene
Concen: 2.445 ng
RT: 19.387 min Scan# 2791
Delta R.T. -0.002 min
Lab File: BG060730.D
Acq: 2 Apr 2024 1:02

Tgt Ion:202 Resp: 73252
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.8
203 19.2 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.597 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG060730.D

Acq: 2 Apr 2024 1:02

Instrument :

BNA_G

ClientSampleId :

YANUZZI-GROUP

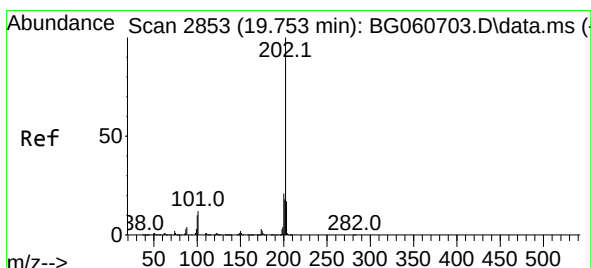
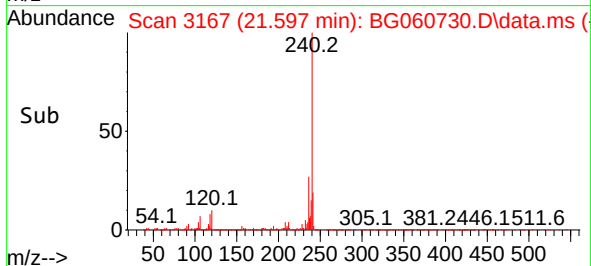
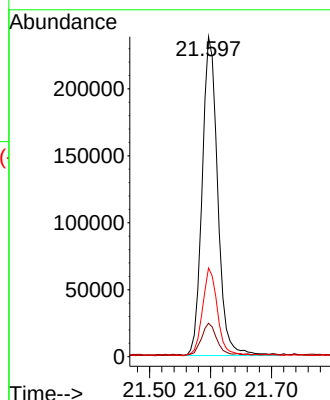
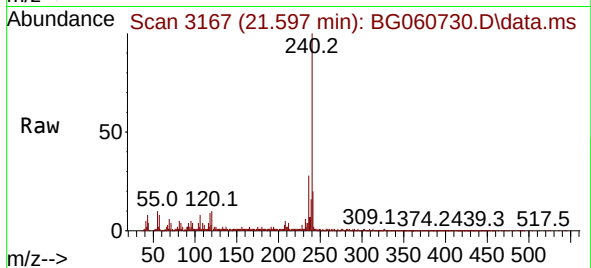
Tgt Ion:240 Resp: 422552

Ion Ratio Lower Upper

240 100

120 10.4 7.1 10.7

236 27.7 20.7 31.1



#78

Pyrene

Concen: 2.288 ng

RT: 19.746 min Scan# 2852

Delta R.T. -0.008 min

Lab File: BG060730.D

Acq: 2 Apr 2024 1:02

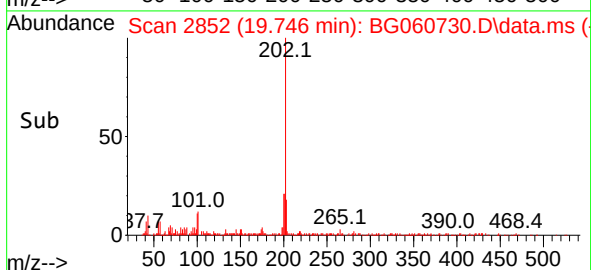
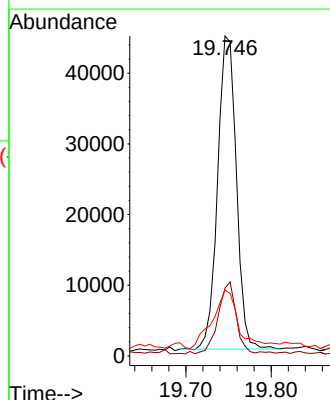
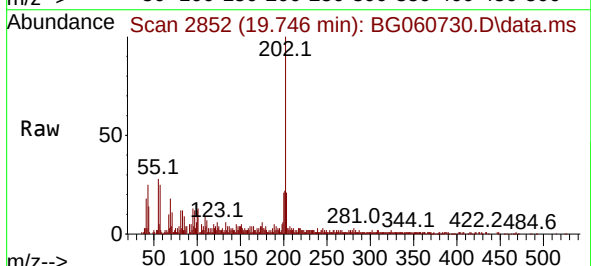
Tgt Ion:202 Resp: 67620

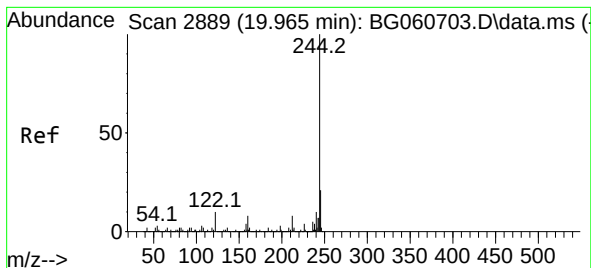
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 20.6 14.0 21.0





#79

Terphenyl-d14

Concen: 12.059 ng

RT: 19.957 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG060730.D

Acq: 2 Apr 2024 1:02

Instrument :

BNA_G

ClientSampleId :

YANUZZI-GROUP

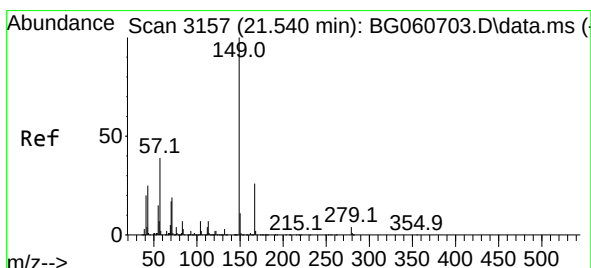
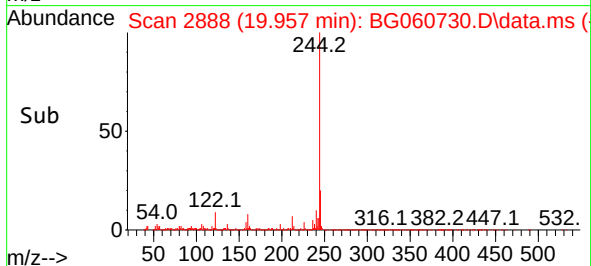
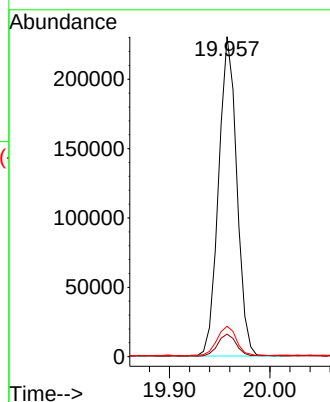
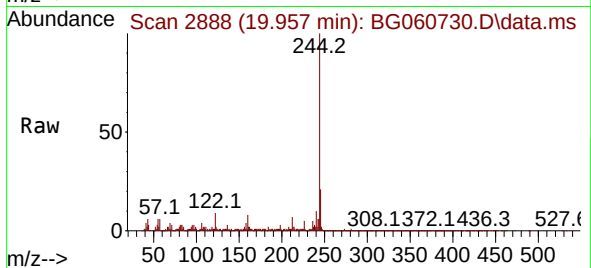
Tgt Ion:244 Resp: 289387

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

122 9.5 7.8 11.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.679 ng

RT: 21.532 min Scan# 3156

Delta R.T. -0.008 min

Lab File: BG060730.D

Acq: 2 Apr 2024 1:02

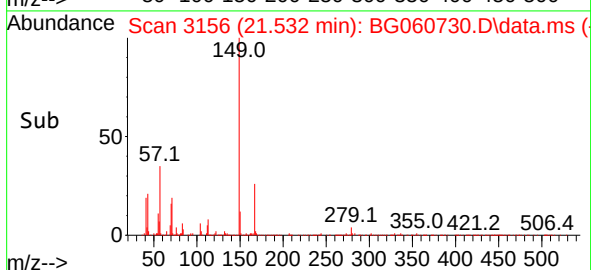
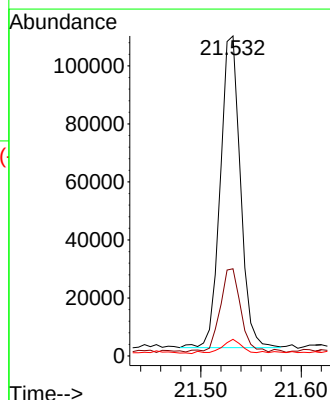
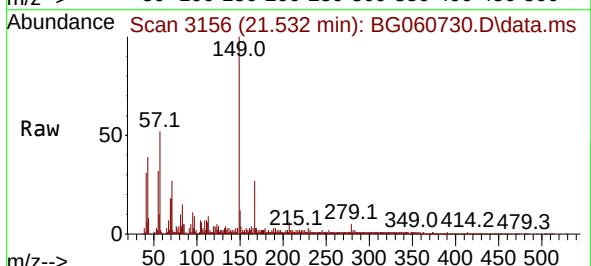
Tgt Ion:149 Resp: 149130

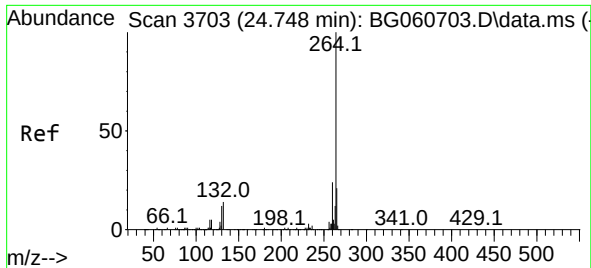
Ion Ratio Lower Upper

149 100

167 27.2 20.6 30.8

279 5.2 3.0 4.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.746 min Scan# 31
 Delta R.T. -0.002 min
 Lab File: BG060730.D
 Acq: 2 Apr 2024 1:02

Instrument :
 BNA_G
 ClientSampleId :
 YANUZZI-GROUP

Tgt Ion:264 Resp: 404475
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 20.1 16.9 25.3

