

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
 Data File : BG056413.D
 Acq On : 24 Jan 2023 21:54
 Operator : CG/JU
 Sample : 01190-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-1

Quant Time: Jan 25 05:35:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

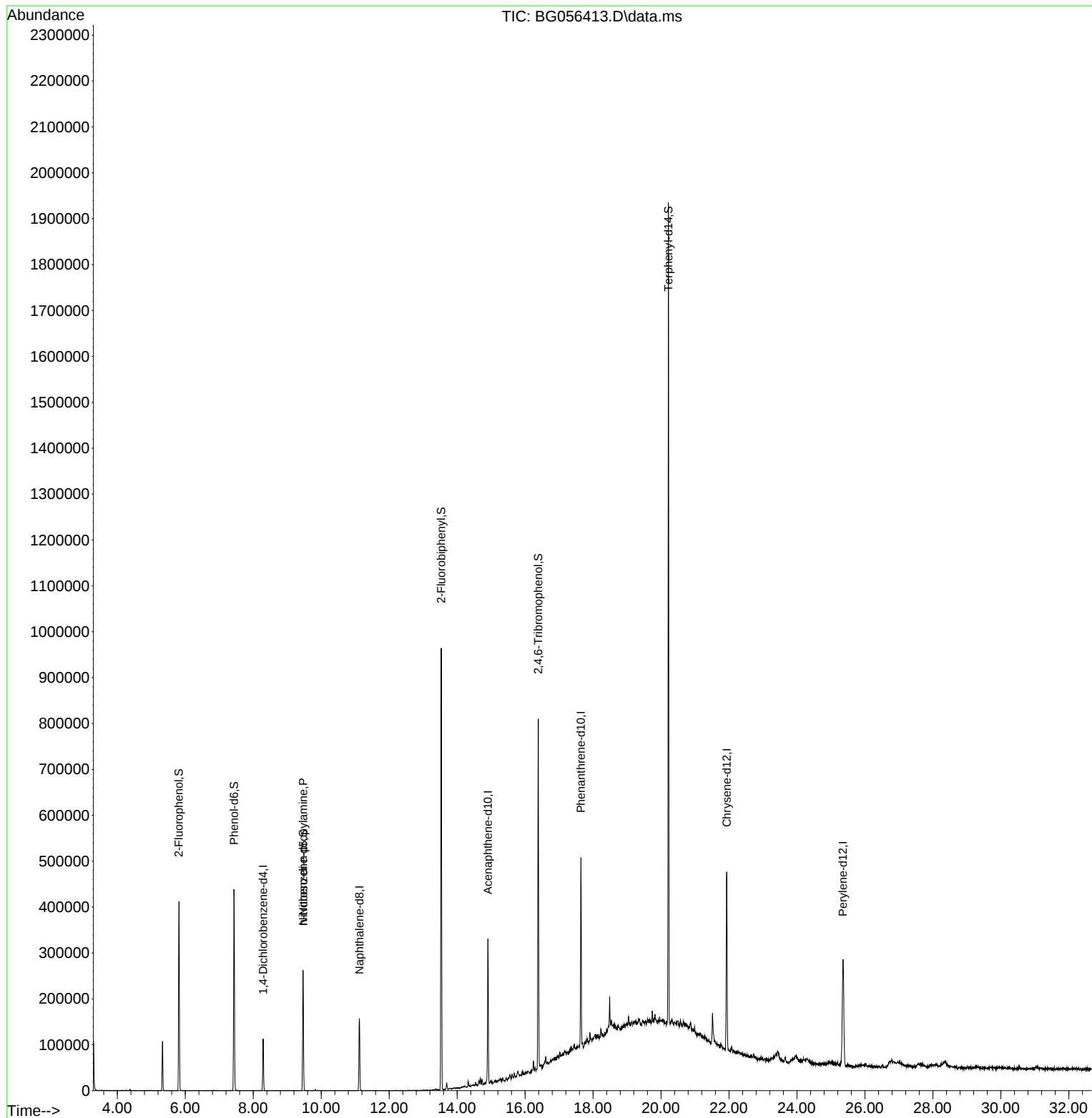
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.291	152	40363	20.000	ng	0.00
21) Naphthalene-d8	11.123	136	157243	20.000	ng	0.00
39) Acenaphthene-d10	14.907	164	121590	20.000	ng	0.00
64) Phenanthrene-d10	17.645	188	281009	20.000	ng	0.00
76) Chrysene-d12	21.934	240	271665	20.000	ng	# 0.00
86) Perylene-d12	25.353	264	300204	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	245351	108.533	ng	0.00
7) Phenol-d6	7.433	99	342776	98.736	ng	0.00
23) Nitrobenzene-d5	9.466	82	178443	58.048	ng	0.00
42) 2,4,6-Tribromophenol	16.387	330	164363	106.735	ng	0.00
45) 2-Fluorobiphenyl	13.532	172	566095	64.291	ng	0.00
79) Terphenyl-d14	20.218	244	964154	63.565	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.466	70	22357	10.590	ng	# 73

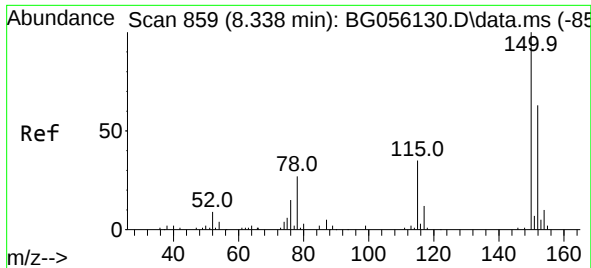
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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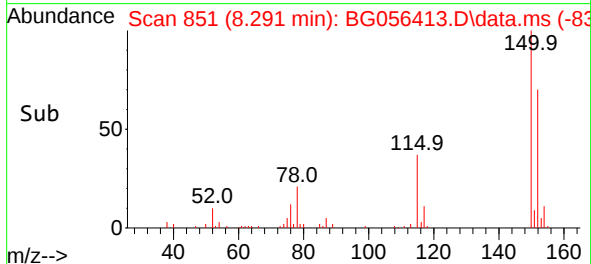
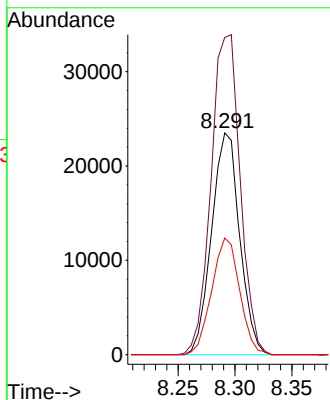
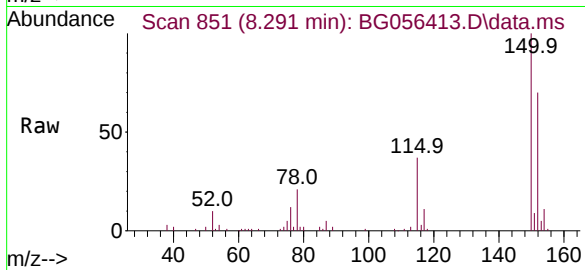




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.291 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG056413.D
Acq: 24 Jan 2023 21:54

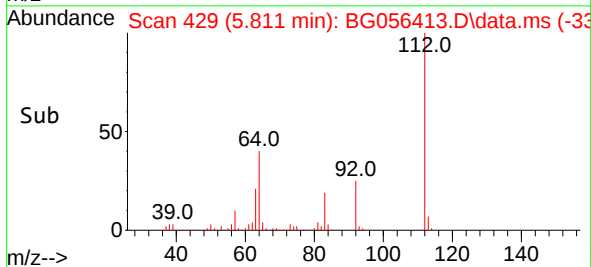
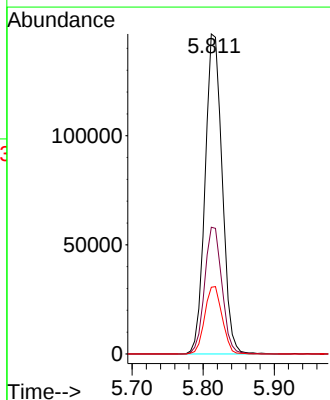
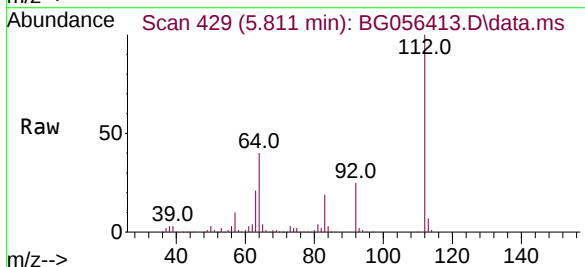
Instrument :
BNA_G
ClientSampleId :
PE-1

Tgt Ion:152 Resp: 40363
Ion Ratio Lower Upper
152 100
150 143.1 127.9 191.9
115 52.6 44.2 66.2



#5
2-Fluorophenol
Concen: 108.533 ng
RT: 5.811 min Scan# 429
Delta R.T. -0.002 min
Lab File: BG056413.D
Acq: 24 Jan 2023 21:54

Tgt Ion:112 Resp: 245351
Ion Ratio Lower Upper
112 100
64 39.6 33.3 49.9
63 20.8 19.0 28.4

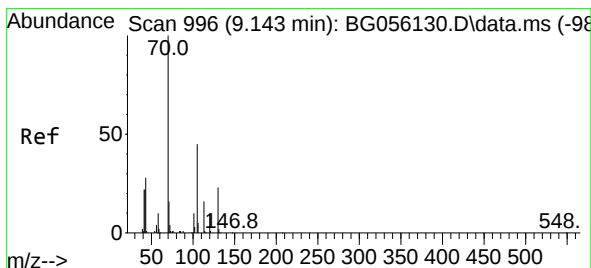
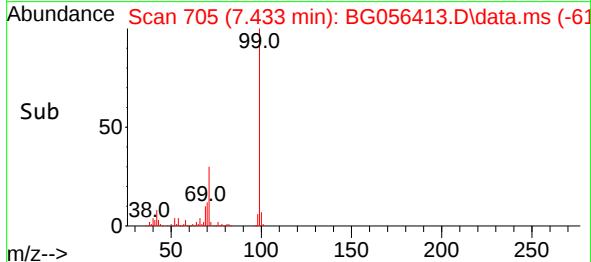
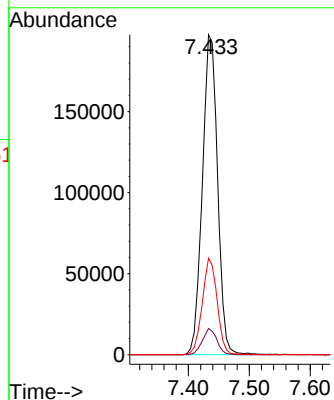
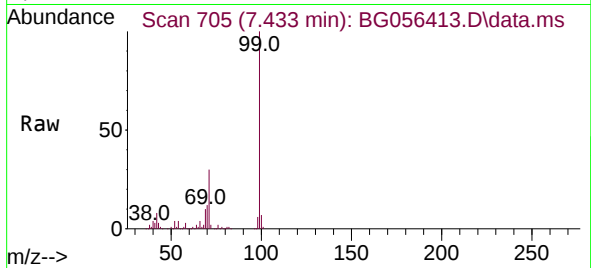




#7
Phenol-d6
Concen: 98.736 ng
RT: 7.433 min Scan# 70
Delta R.T. -0.002 min
Lab File: BG056413.D
Acq: 24 Jan 2023 21:54

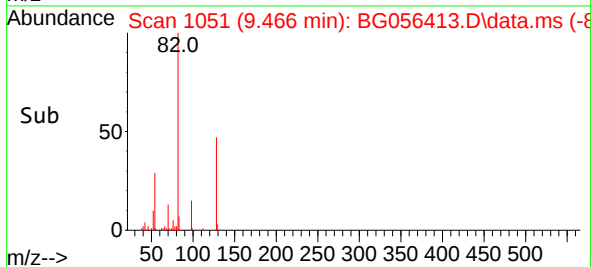
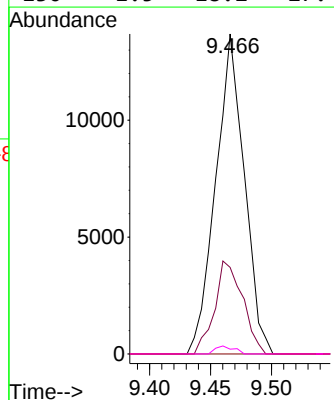
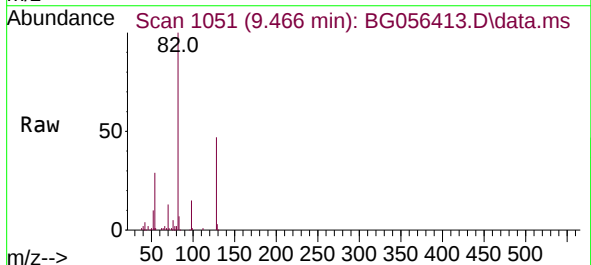
Instrument :
BNA_G
ClientSampleId :
PE-1

Tgt Ion: 99 Resp: 342776
Ion Ratio Lower Upper
99 100
42 8.2 5.9 8.9
71 30.1 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.590 ng
RT: 9.466 min Scan# 1051
Delta R.T. 0.368 min
Lab File: BG056413.D
Acq: 24 Jan 2023 21:54

Tgt Ion: 70 Resp: 22357
Ion Ratio Lower Upper
70 100
42 27.0 18.2 27.2
101 0.0 8.3 12.5#
130 1.5 18.2 27.4#

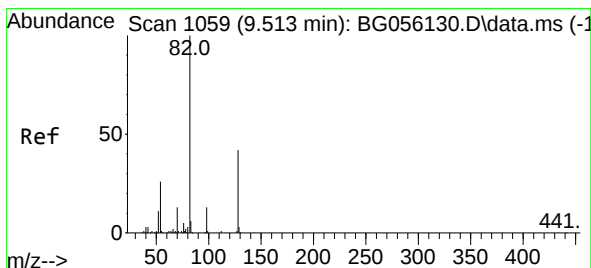
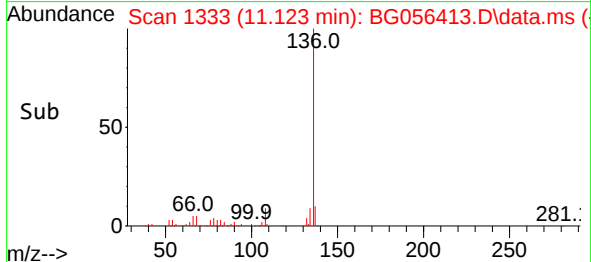
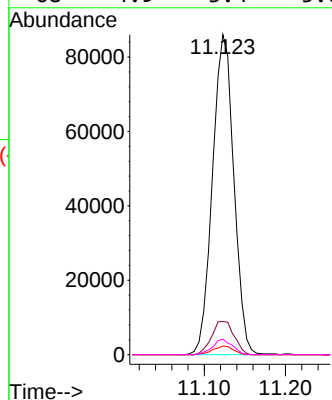
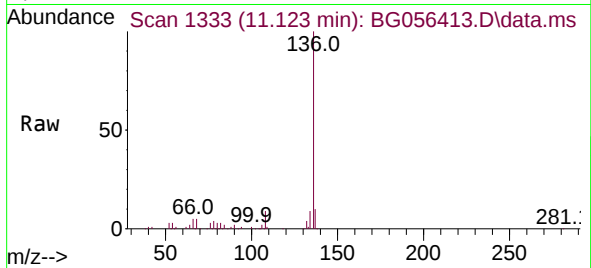




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.123 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG056413.D
Acq: 24 Jan 2023 21:54

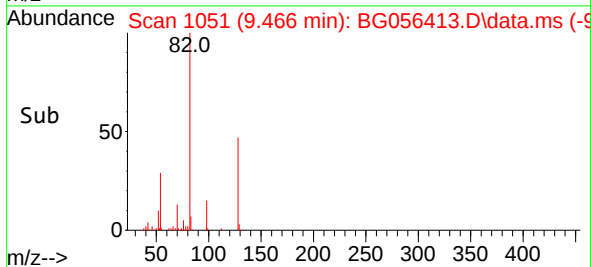
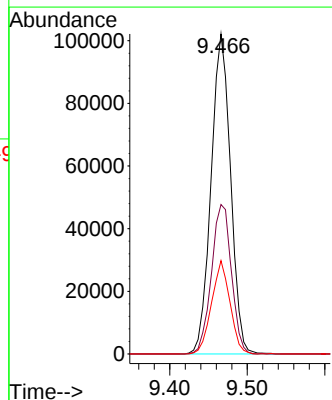
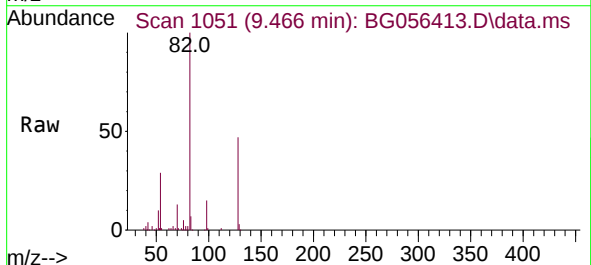
Instrument :
BNA_G
ClientSampleId :
PE-1

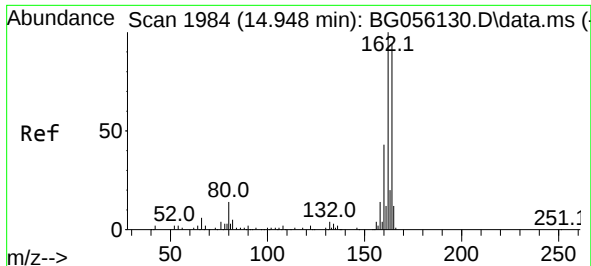
Tgt Ion:136 Resp: 157243
Ion Ratio Lower Upper
136 100
137 10.3 9.4 14.0
54 2.7 2.2 3.2
68 4.9 3.4 5.0



#23
Nitrobenzene-d5
Concen: 58.048 ng
RT: 9.466 min Scan# 1051
Delta R.T. -0.008 min
Lab File: BG056413.D
Acq: 24 Jan 2023 21:54

Tgt Ion: 82 Resp: 178443
Ion Ratio Lower Upper
82 100
128 46.7 33.4 50.2
54 29.2 20.3 30.5

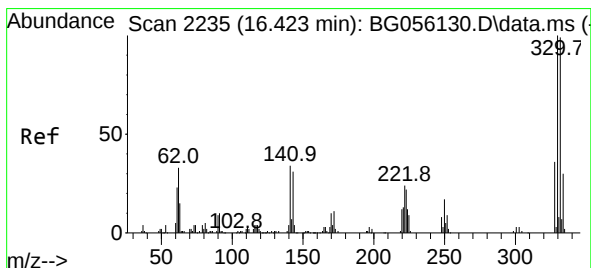
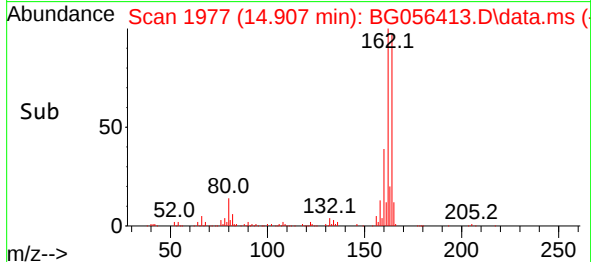
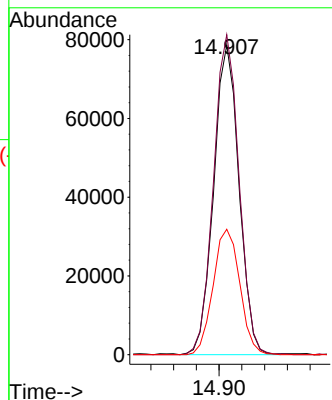
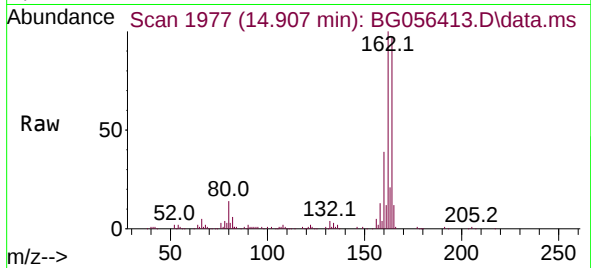




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.907 min Scan# 1984
Delta R.T. -0.008 min
Lab File: BG056413.D
Acq: 24 Jan 2023 21:54

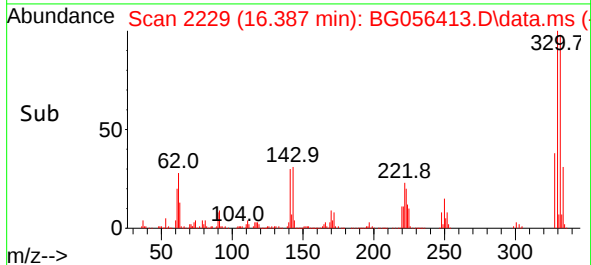
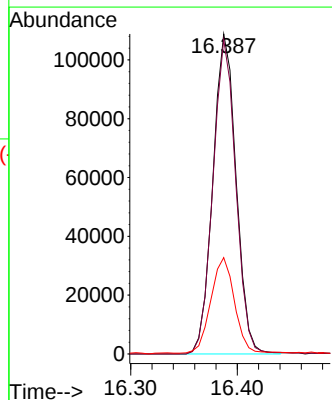
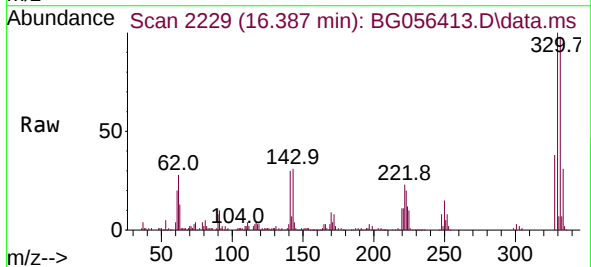
Instrument :
BNA_G
ClientSampleId :
PE-1

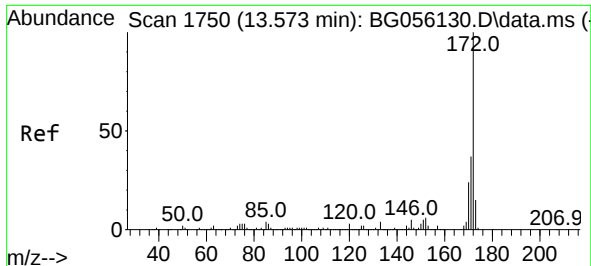
Tgt Ion:164 Resp: 121590
Ion Ratio Lower Upper
164 100
162 103.3 84.7 127.1
160 40.5 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 106.735 ng
RT: 16.387 min Scan# 2229
Delta R.T. -0.008 min
Lab File: BG056413.D
Acq: 24 Jan 2023 21:54

Tgt Ion:330 Resp: 164363
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 30.5 27.9 41.9

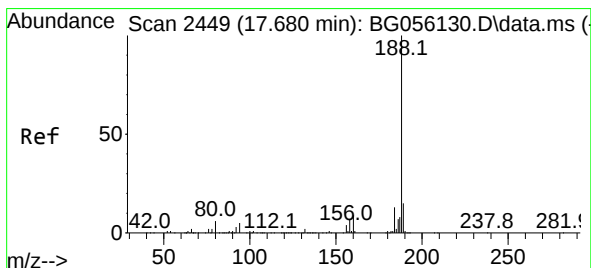
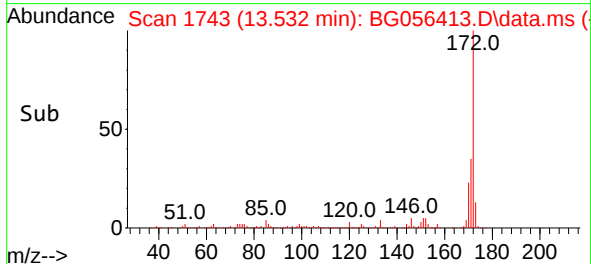
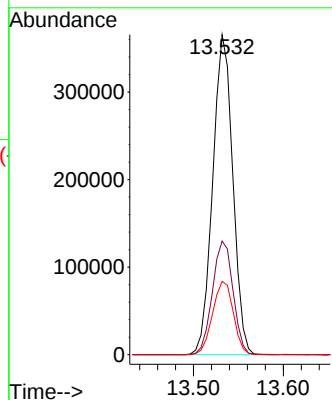
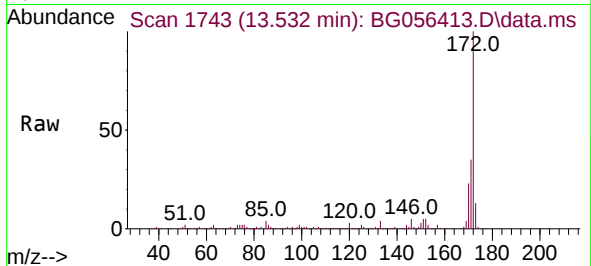




#45
2-Fluorobiphenyl
Concen: 64.291 ng
RT: 13.532 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG056413.D
Acq: 24 Jan 2023 21:54

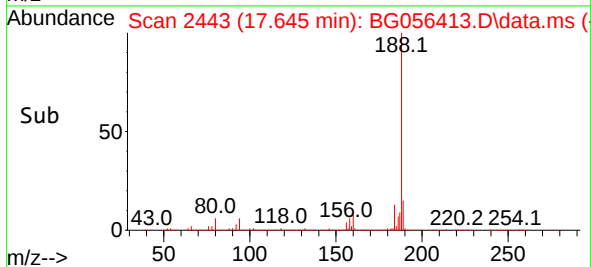
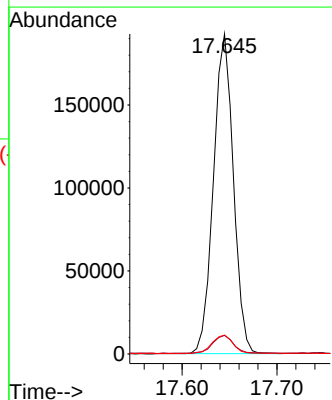
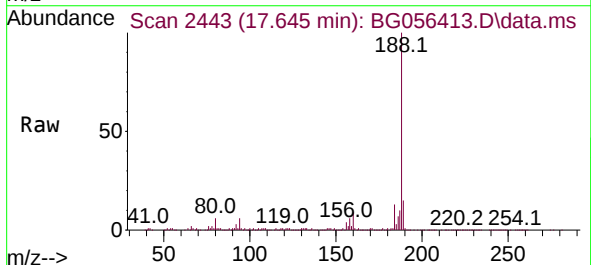
Instrument :
BNA_G
ClientSampleId :
PE-1

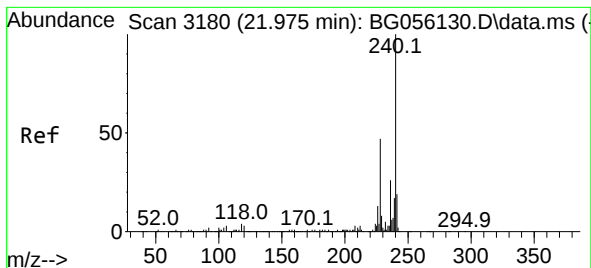
Tgt Ion:172 Resp: 566095
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 22.9 19.4 29.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.645 min Scan# 2443
Delta R.T. -0.008 min
Lab File: BG056413.D
Acq: 24 Jan 2023 21:54

Tgt Ion:188 Resp: 281009
Ion Ratio Lower Upper
188 100
94 5.8 4.2 6.2
80 5.9 5.0 7.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.934 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG056413.D

Acq: 24 Jan 2023 21:54

Instrument :

BNA_G

ClientSampleId :

PE-1

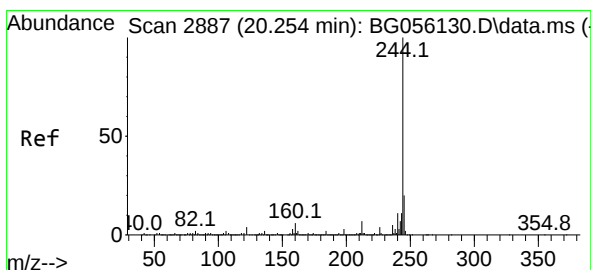
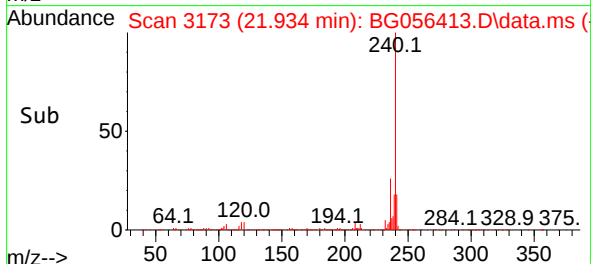
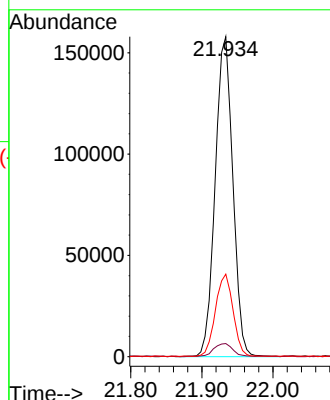
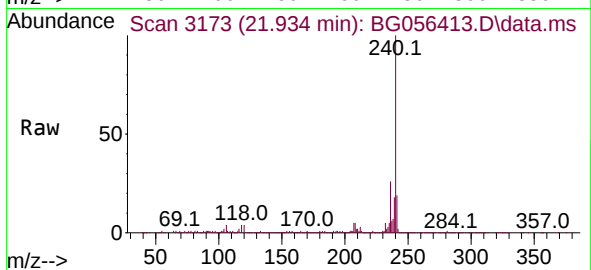
Tgt Ion:240 Resp: 271665

Ion Ratio Lower Upper

240 100

120 4.1 2.6 4.0#

236 25.8 20.8 31.2



#79

Terphenyl-d14

Concen: 63.565 ng

RT: 20.218 min Scan# 2881

Delta R.T. -0.008 min

Lab File: BG056413.D

Acq: 24 Jan 2023 21:54

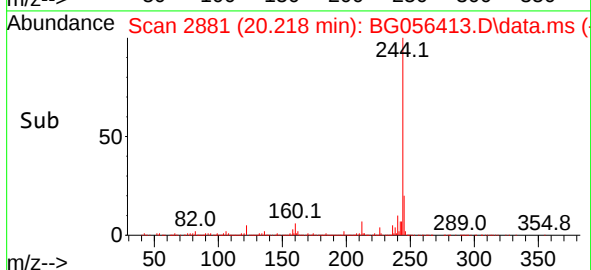
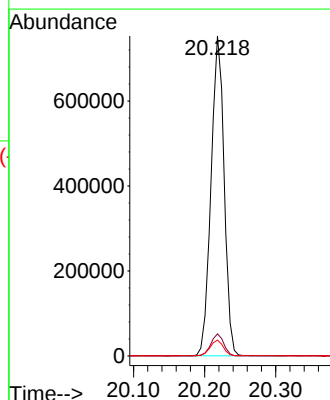
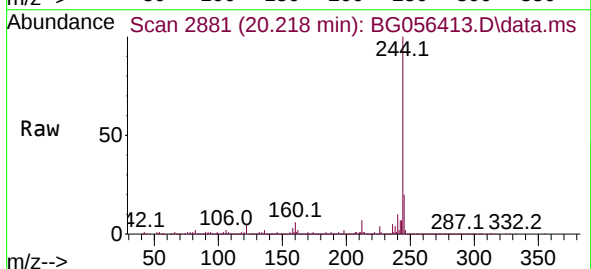
Tgt Ion:244 Resp: 964154

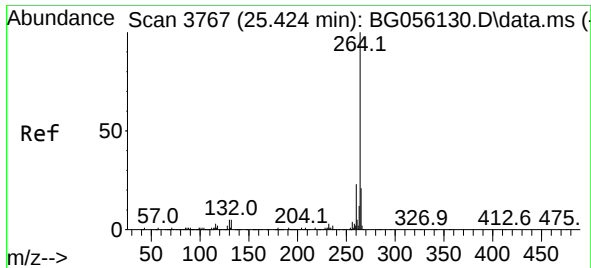
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

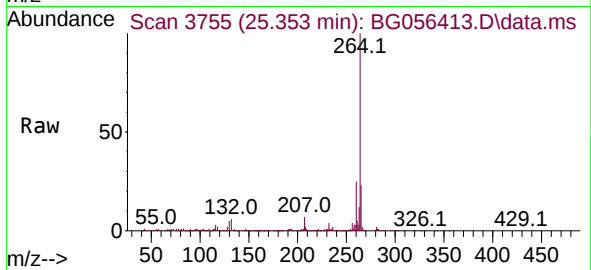
122 5.0 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.353 min Scan# 31
 Delta R.T. -0.020 min
 Lab File: BG056413.D
 Acq: 24 Jan 2023 21:54

Instrument :
 BNA_G
 ClientSampleId :
 PE-1



Tgt Ion:264 Resp: 300204

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	28.0
265	23.0	16.7	25.1

