

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030624\
 Data File : BG060582.D
 Acq On : 6 Mar 2024 21:53
 Operator : MA/JU
 Sample : PB159466BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159466BL

Quant Time: Mar 07 03:32:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 07 02:50:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.325	152	73671	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	307463	20.000	ng	0.00
39) Acenaphthene-d10	14.953	164	220323	20.000	ng	0.00
64) Phenanthrene-d10	17.703	188	516105	20.000	ng	0.00
76) Chrysene-d12	22.021	240	475374	20.000	ng	0.00
86) Perylene-d12	25.582	264	529488	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	661517	144.390	ng	0.00
7) Phenol-d6	7.438	99	934776	137.836	ng	0.00
23) Nitrobenzene-d5	9.524	82	491977	104.448	ng	0.00
42) 2,4,6-Tribromophenol	16.433	330	365333	129.829	ng	0.00
45) 2-Fluorobiphenyl	13.578	172	1415317	84.485	ng	0.00
79) Terphenyl-d14	20.282	244	2359362	88.538	ng	0.00

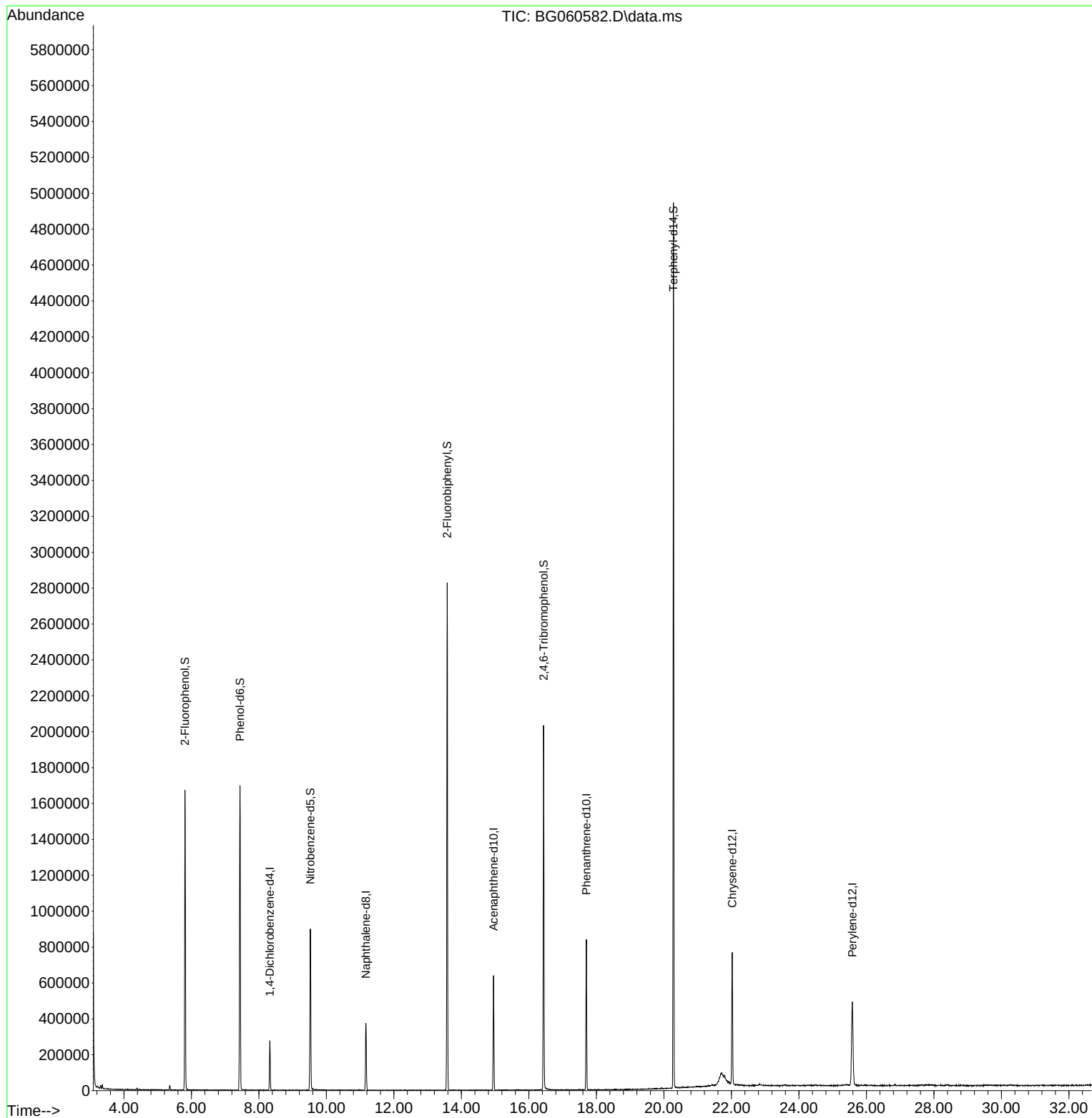
Target Compounds	Qvalue

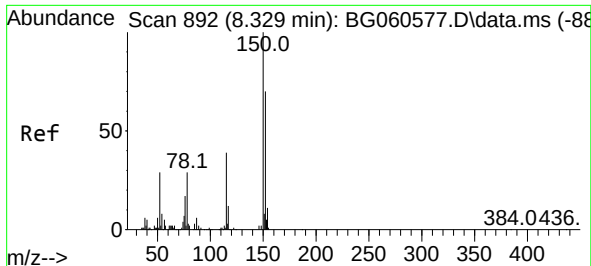
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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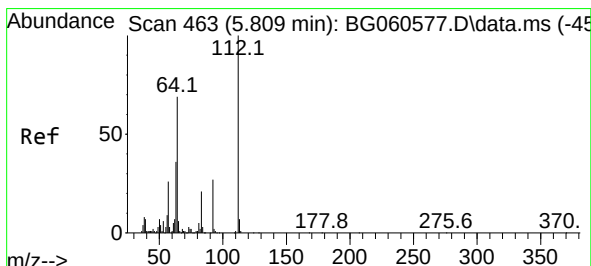
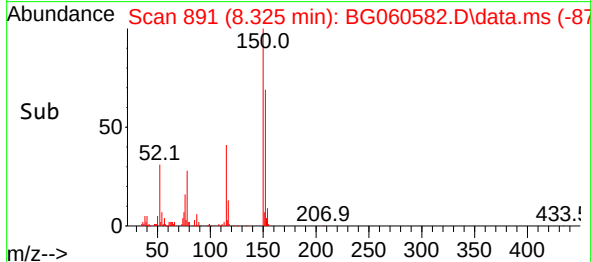
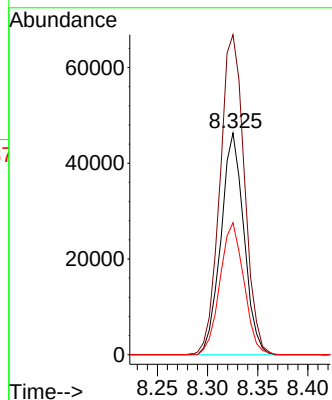
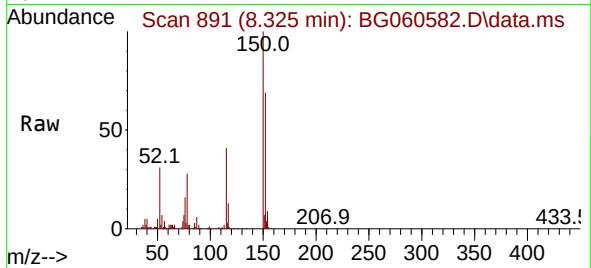




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.325 min Scan# 891
 Delta R.T. -0.004 min
 Lab File: BG060582.D
 Acq: 6 Mar 2024 21:53

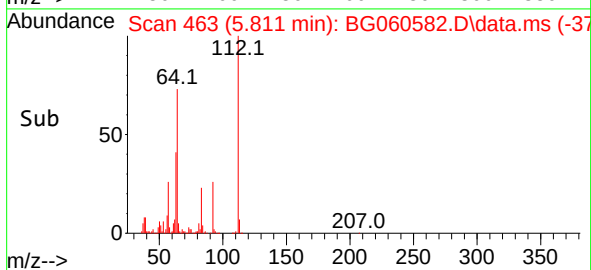
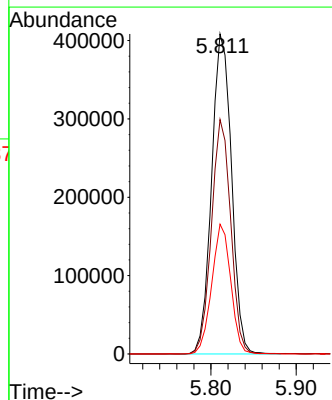
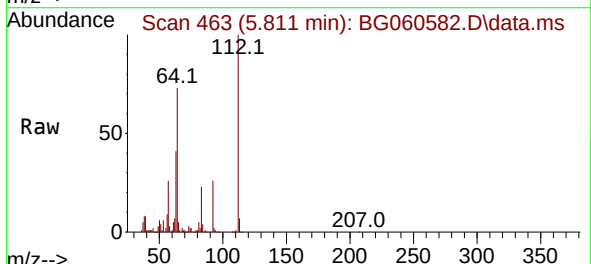
Instrument :
 BNA_G
 ClientSampleId :
 PB159466BL

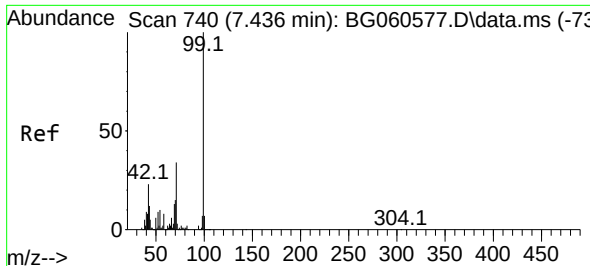
Tgt Ion:152 Resp: 73671
 Ion Ratio Lower Upper
 152 100
 150 144.4 115.1 172.7
 115 59.5 44.3 66.5



#5
 2-Fluorophenol
 Concen: 144.390 ng
 RT: 5.811 min Scan# 463
 Delta R.T. 0.002 min
 Lab File: BG060582.D
 Acq: 6 Mar 2024 21:53

Tgt Ion:112 Resp: 661517
 Ion Ratio Lower Upper
 112 100
 64 73.3 55.4 83.0
 63 40.5 28.9 43.3

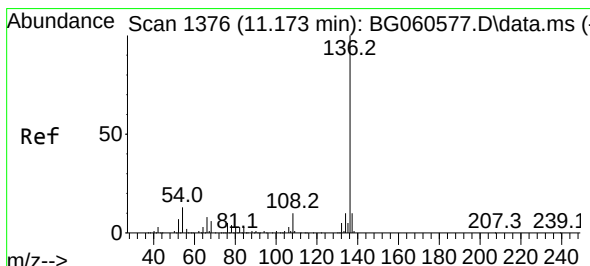
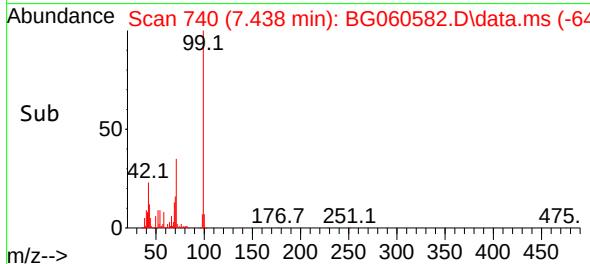
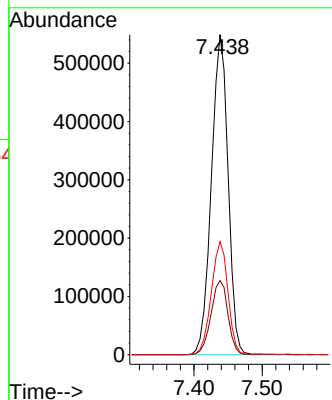
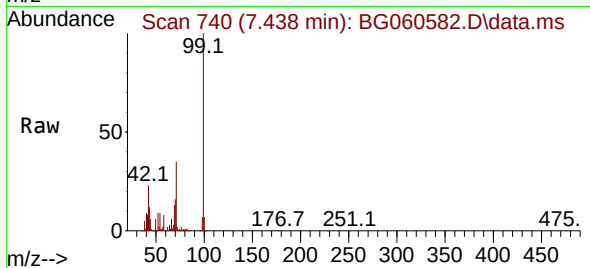




#7
Phenol-d6
Concen: 137.836 ng
RT: 7.438 min Scan# 740
Delta R.T. 0.002 min
Lab File: BG060582.D
Acq: 6 Mar 2024 21:53

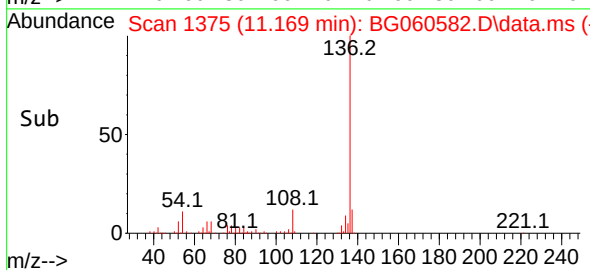
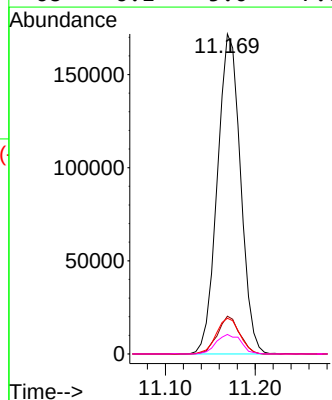
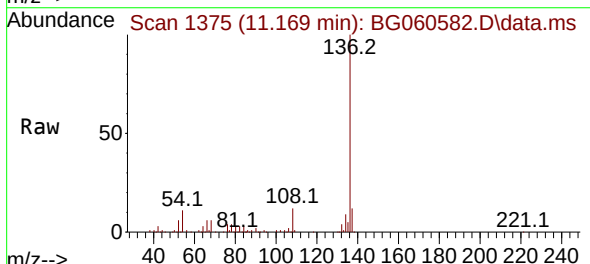
Instrument :
BNA_G
ClientSampleId :
PB159466BL

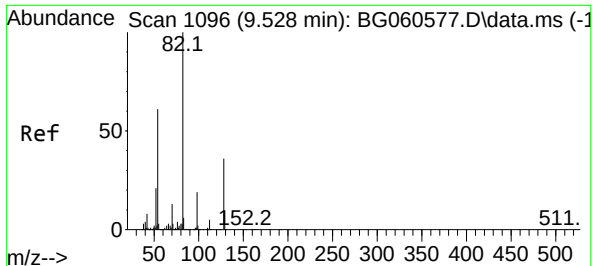
Tgt Ion: 99 Resp: 934776
Ion Ratio Lower Upper
99 100
42 23.1 18.1 27.1
71 35.3 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.169 min Scan# 1375
Delta R.T. -0.004 min
Lab File: BG060582.D
Acq: 6 Mar 2024 21:53

Tgt Ion: 136 Resp: 307463
Ion Ratio Lower Upper
136 100
137 11.8 8.3 12.5
54 11.1 10.1 15.1
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 104.448 ng

RT: 9.524 min Scan# 1096

Delta R.T. -0.004 min

Lab File: BG060582.D

Acq: 6 Mar 2024 21:53

Instrument :

BNA_G

ClientSampleId :

PB159466BL

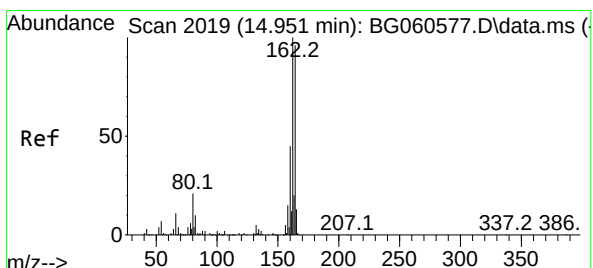
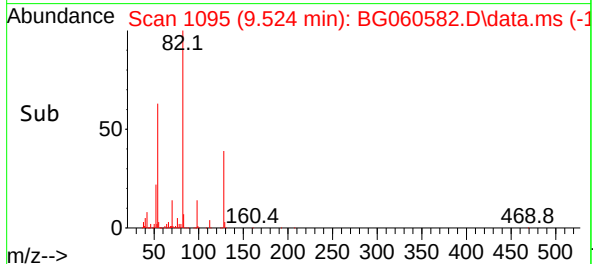
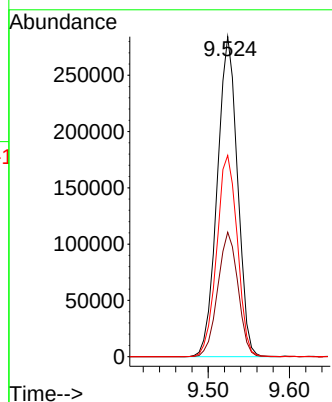
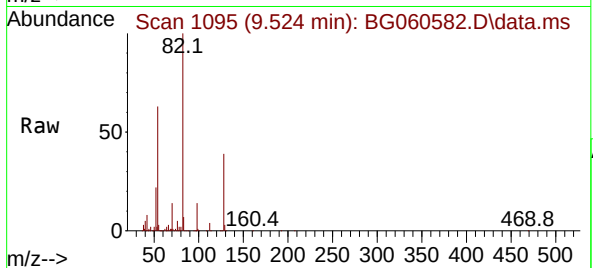
Tgt Ion: 82 Resp: 491977

Ion Ratio Lower Upper

82 100

128 38.9 28.6 42.8

54 62.9 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.953 min Scan# 2019

Delta R.T. 0.002 min

Lab File: BG060582.D

Acq: 6 Mar 2024 21:53

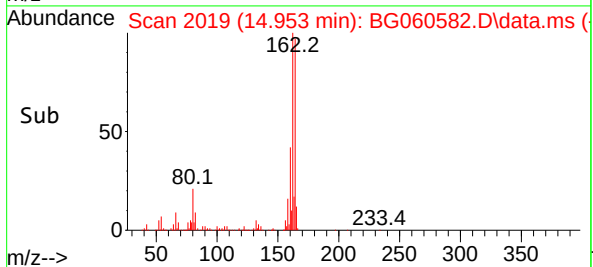
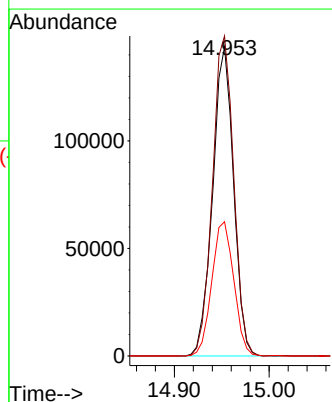
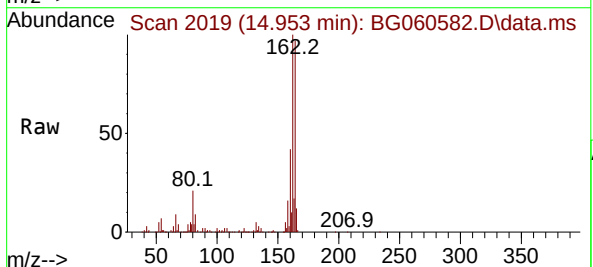
Tgt Ion:164 Resp: 220323

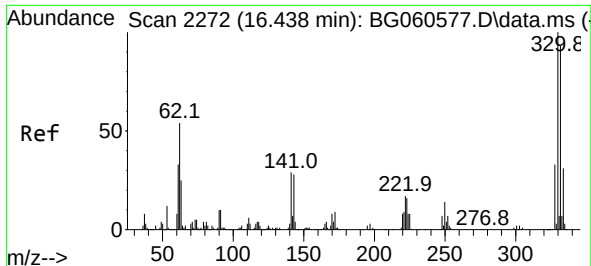
Ion Ratio Lower Upper

164 100

162 103.5 83.6 125.4

160 43.4 37.4 56.0

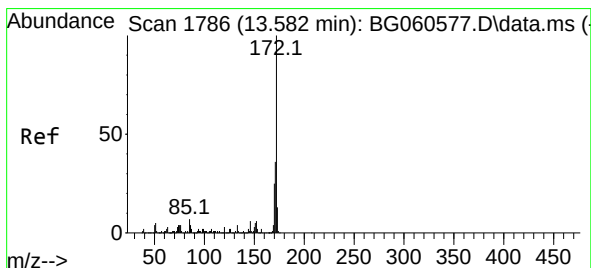
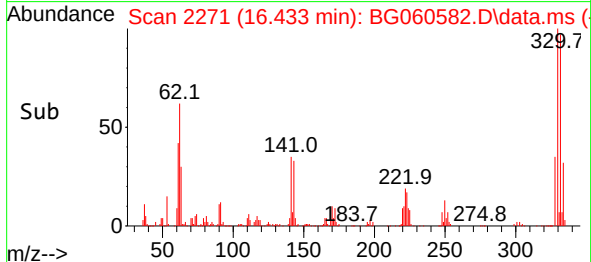
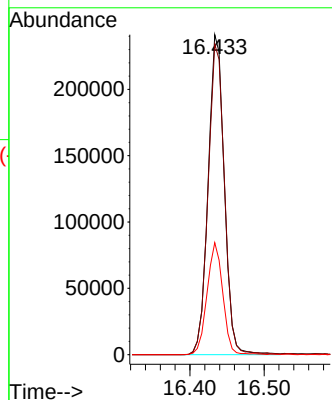
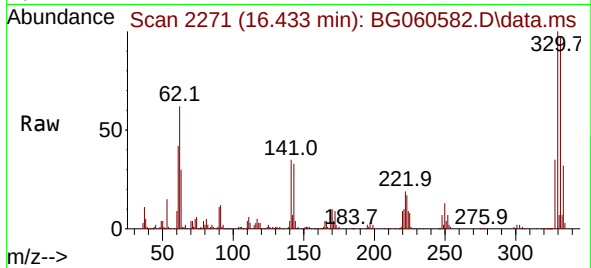




#42
 2,4,6-Tribromophenol
 Concen: 129.829 ng
 RT: 16.433 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG060582.D
 Acq: 6 Mar 2024 21:53

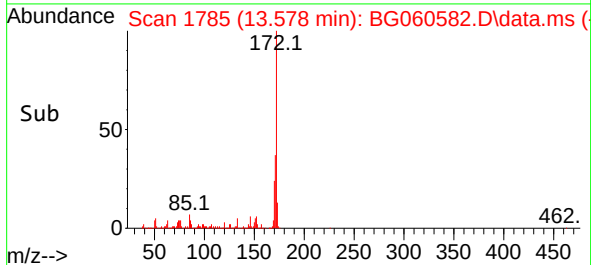
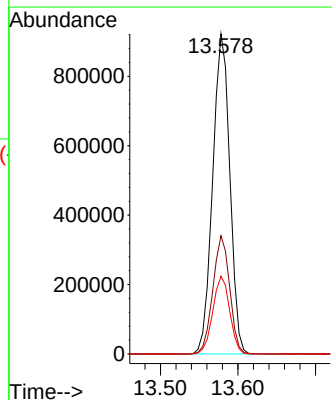
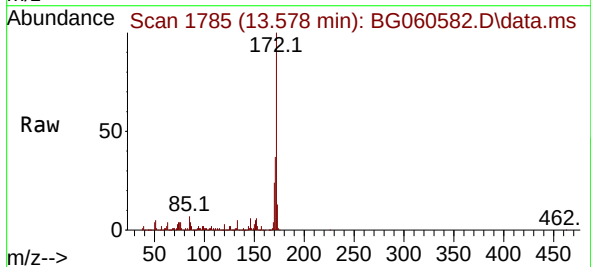
Instrument :
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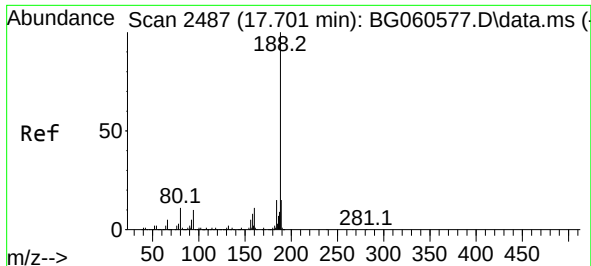
Tgt Ion:330 Resp: 365333
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.1 114.1
 141 34.1 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 84.485 ng
 RT: 13.578 min Scan# 1785
 Delta R.T. -0.004 min
 Lab File: BG060582.D
 Acq: 6 Mar 2024 21:53

Tgt Ion:172 Resp: 1415317
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.0 43.4
 170 24.3 19.7 29.5

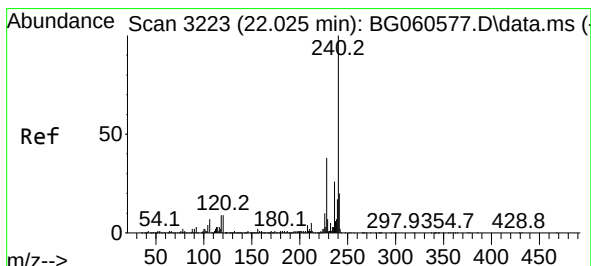
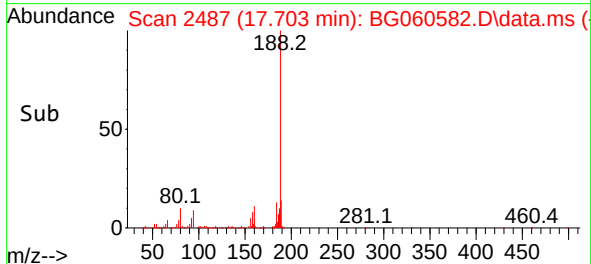
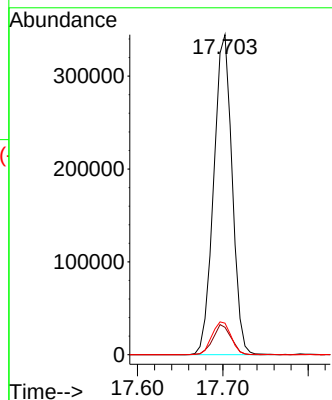
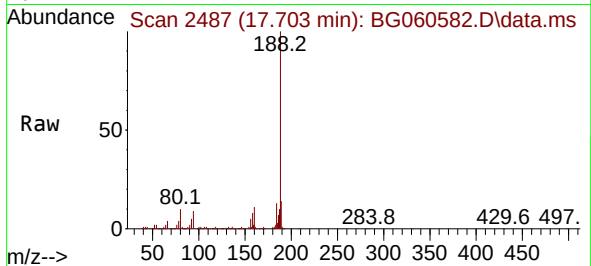




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.703 min Scan# 2487
Delta R.T. 0.002 min
Lab File: BG060582.D
Acq: 6 Mar 2024 21:53

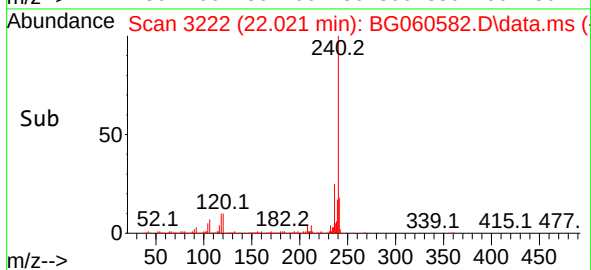
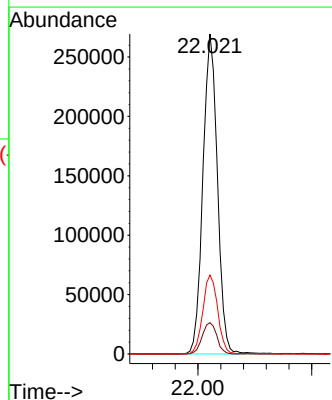
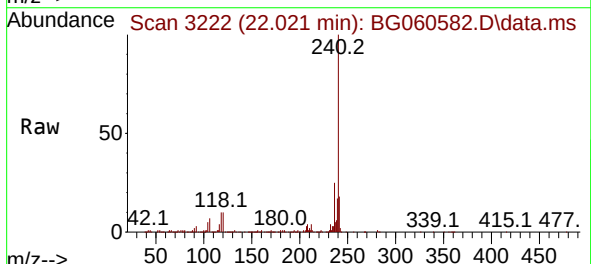
Instrument :
BNA_G
ClientSampleId :
PB159466BL

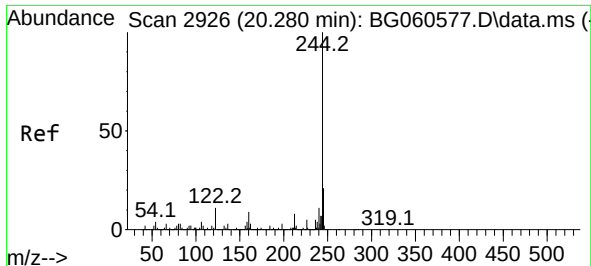
Tgt Ion:188 Resp: 516105
Ion Ratio Lower Upper
188 100
94 8.6 7.8 11.8
80 9.9 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.021 min Scan# 3222
Delta R.T. -0.004 min
Lab File: BG060582.D
Acq: 6 Mar 2024 21:53

Tgt Ion:240 Resp: 475374
Ion Ratio Lower Upper
240 100
120 9.8 7.5 11.3
236 24.6 20.8 31.2



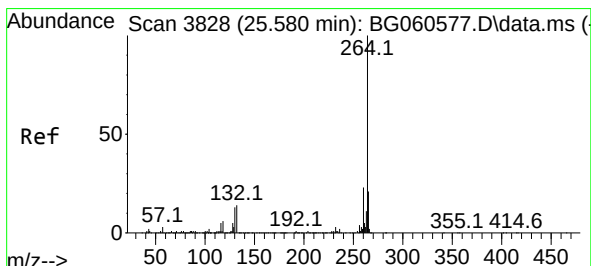
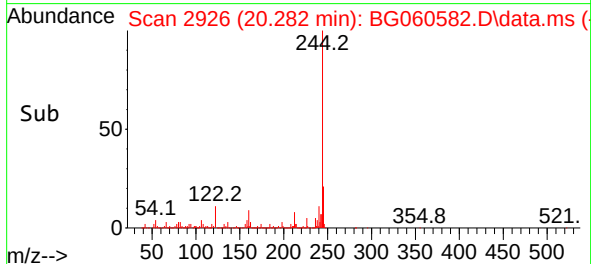
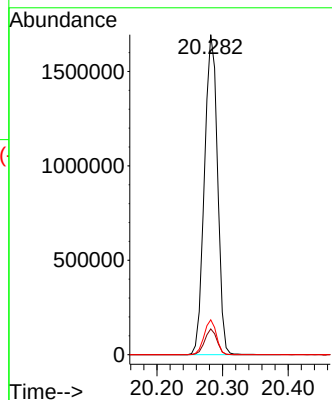
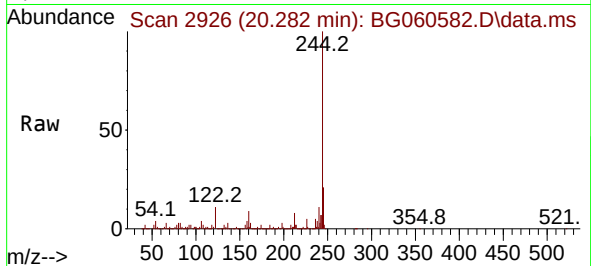


#79
 Terphenyl-d14
 Concen: 88.538 ng
 RT: 20.282 min Scan# 2926
 Delta R.T. 0.002 min
 Lab File: BG060582.D
 Acq: 6 Mar 2024 21:53

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 2359362

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	10.9	8.6	13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.582 min Scan# 3828
 Delta R.T. 0.002 min
 Lab File: BG060582.D
 Acq: 6 Mar 2024 21:53

Tgt Ion:264 Resp: 529488

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	21.5	17.0	25.4

