

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073123\
 Data File : BG058545.D
 Acq On : 31 Jul 2023 16:08
 Operator : MA/JU
 Sample : 03787-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KINGSLAND-SUB-T2

Quant Time: Jul 31 16:44:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	58181	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	239176	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	161326	20.000	ng	0.00
64) Phenanthrene-d10	17.212	188	295586	20.000	ng	# 0.00
76) Chrysene-d12	21.454	240	284702	20.000	ng	0.00
86) Perylene-d12	24.521	264	380343	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	182476	47.938	ng	0.00
7) Phenol-d6	6.983	99	248031	46.827	ng	0.00
23) Nitrobenzene-d5	8.975	82	145702	29.926	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	102761	38.862	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	374568	34.794	ng	0.00
79) Terphenyl-d14	19.832	244	488449	32.263	ng	0.00

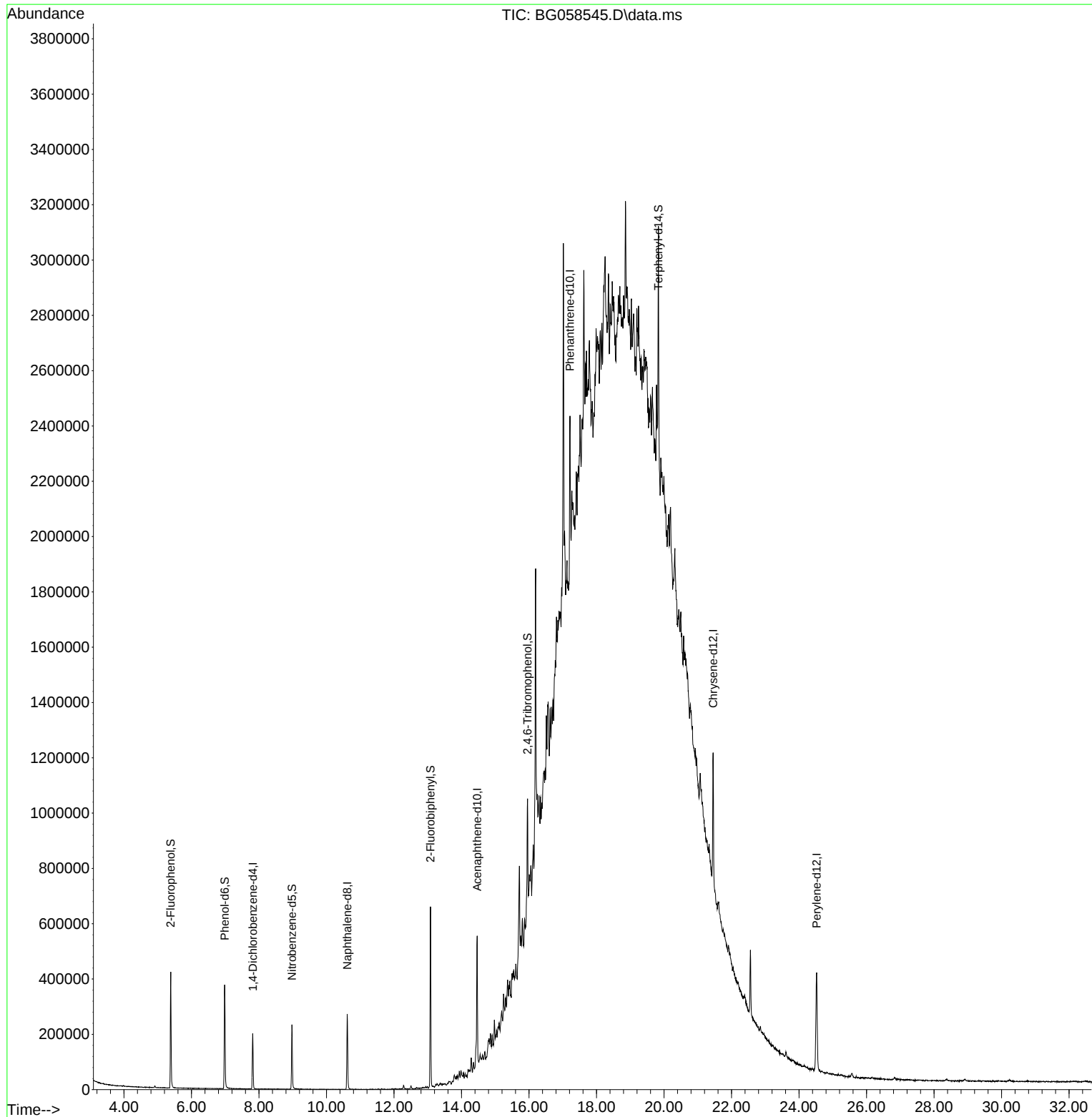
Target Compounds	Qvalue

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

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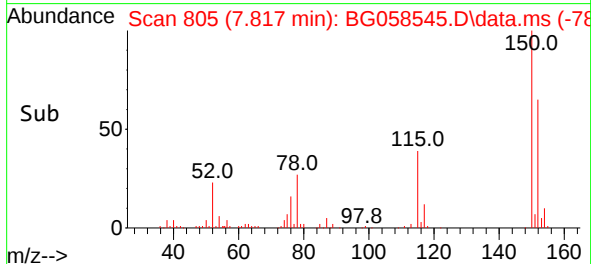
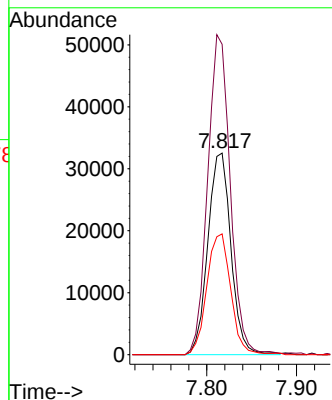
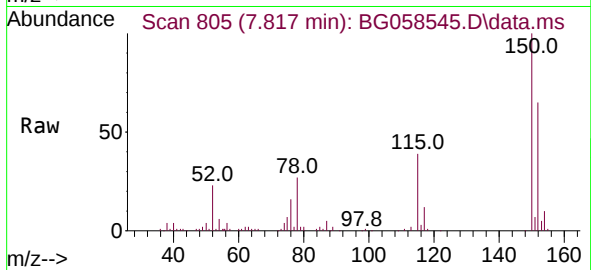




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.817 min Scan# 804
Delta R.T. 0.006 min
Lab File: BG058545.D
Acq: 31 Jul 2023 16:08

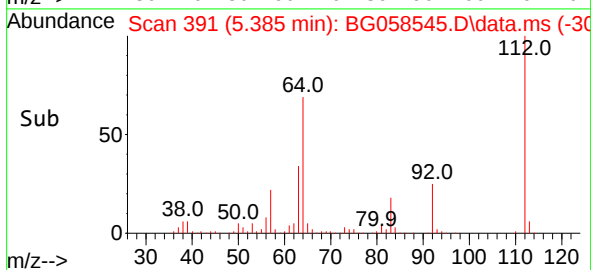
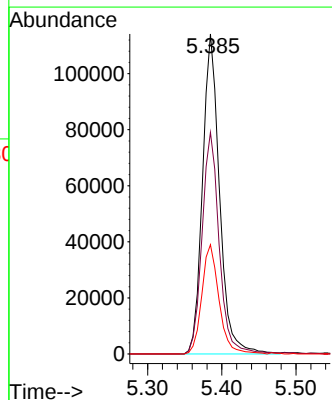
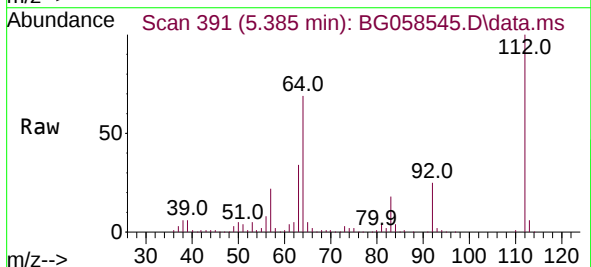
Instrument :
BNA_G
ClientSampleId :
KINGSLAND-SUB-T2

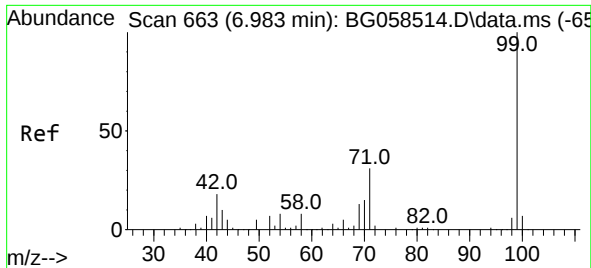
Tgt Ion:152 Resp: 58181
Ion Ratio Lower Upper
152 100
150 154.0 120.5 180.7
115 59.9 45.9 68.9



#5
2-Fluorophenol
Concen: 47.938 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058545.D
Acq: 31 Jul 2023 16:08

Tgt Ion:112 Resp: 182476
Ion Ratio Lower Upper
112 100
64 69.3 55.3 82.9
63 34.2 28.3 42.5

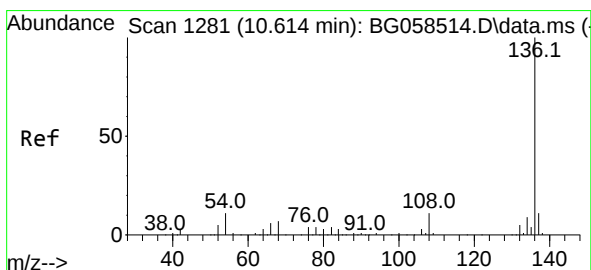
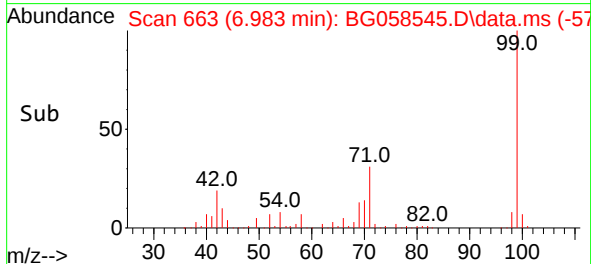
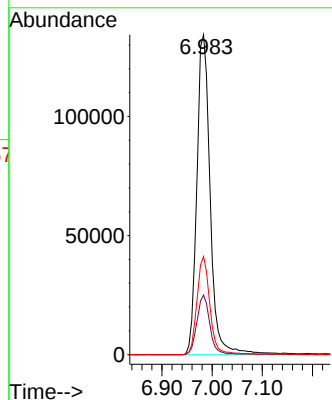
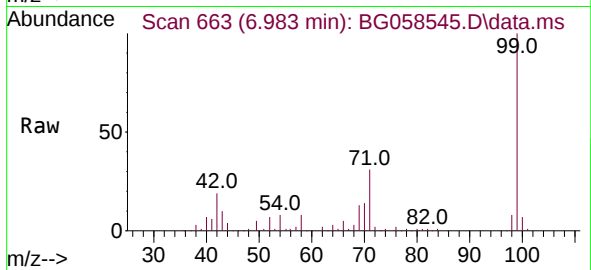




#7
Phenol-d6
Concen: 46.827 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058545.D
Acq: 31 Jul 2023 16:08

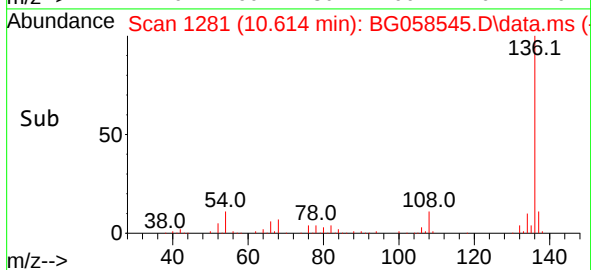
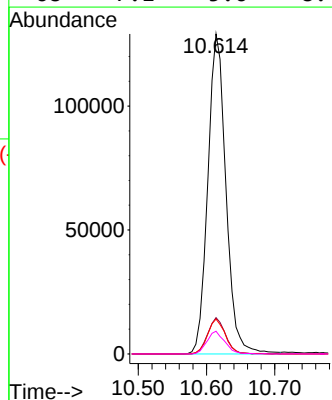
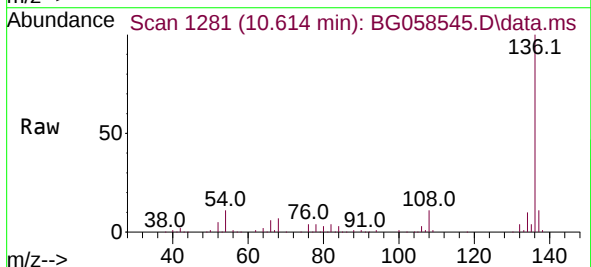
Instrument :
BNA_G
ClientSampleId :
KINGSLAND-SUB-T2

Tgt Ion: 99 Resp: 248031
Ion Ratio Lower Upper
99 100
42 18.7 14.6 21.8
71 30.7 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BG058545.D
Acq: 31 Jul 2023 16:08

Tgt Ion: 136 Resp: 239176
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 10.9 8.9 13.3
68 7.1 5.6 8.4

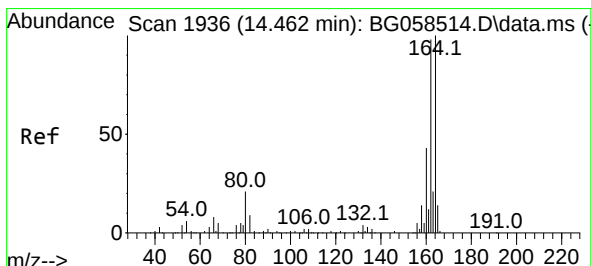
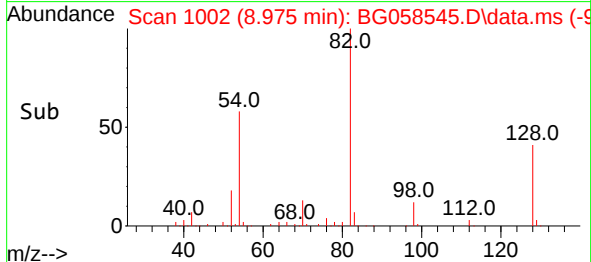
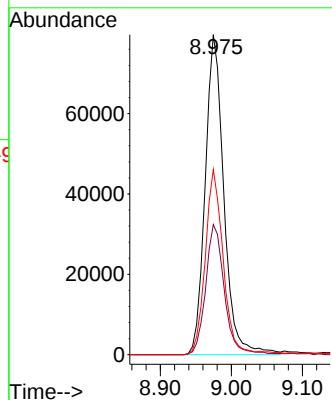
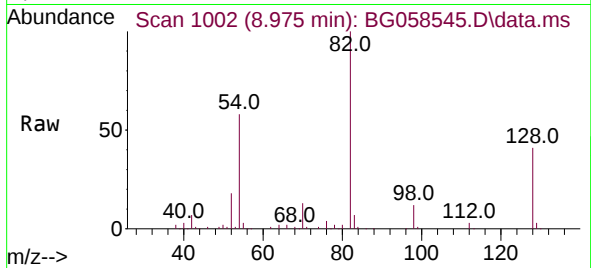




#23
Nitrobenzene-d5
Concen: 29.926 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058545.D
Acq: 31 Jul 2023 16:08

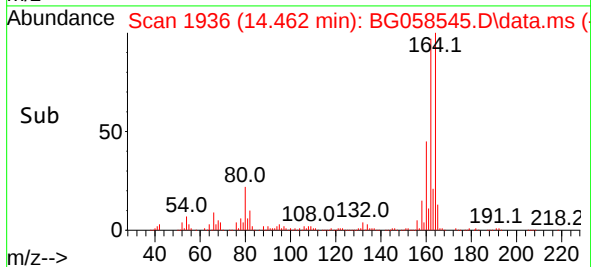
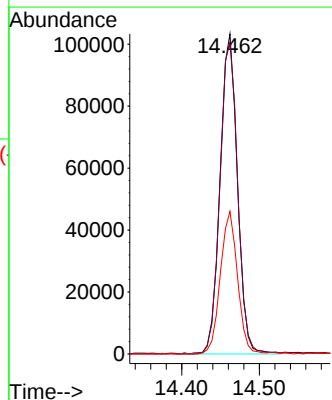
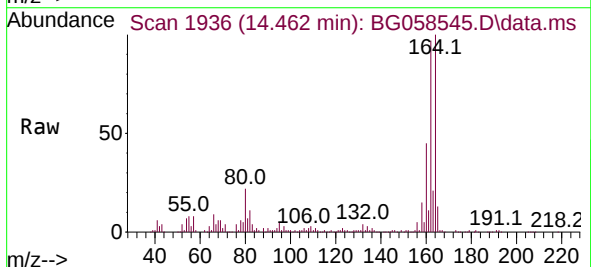
Instrument :
BNA_G
ClientSampleId :
KINGSLAND-SUB-T2

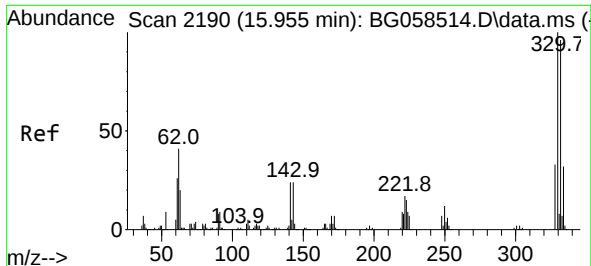
Tgt Ion: 82 Resp: 145702
Ion Ratio Lower Upper
82 100
128 40.7 32.2 48.2
54 57.9 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BG058545.D
Acq: 31 Jul 2023 16:08

Tgt Ion:164 Resp: 161326
Ion Ratio Lower Upper
164 100
162 97.4 78.3 117.5
160 44.5 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 38.862 ng

RT: 15.955 min Scan# 2190

Delta R.T. -0.000 min

Lab File: BG058545.D

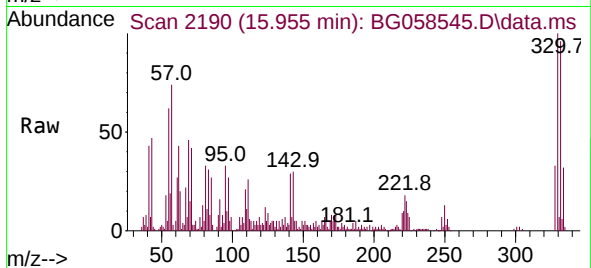
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Instrument :

BNA_G

ClientSampleId :

KINGSLAND-SUB-T2



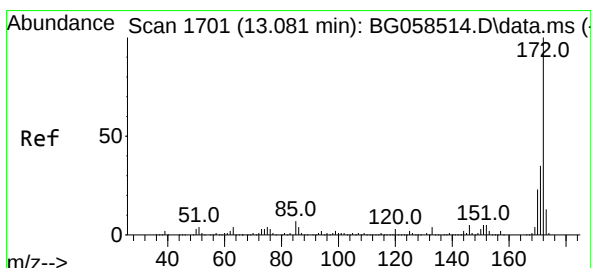
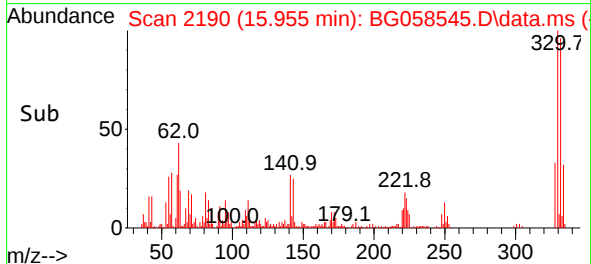
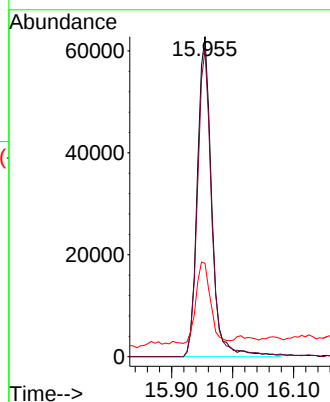
Tgt Ion:330 Resp: 102761

Ion Ratio Lower Upper

330 100

332 95.8 77.5 116.3

141 25.6 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 34.794 ng

RT: 13.081 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BG058545.D

Acq: 31 Jul 2023 16:08

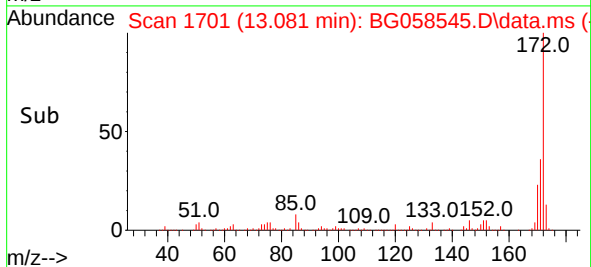
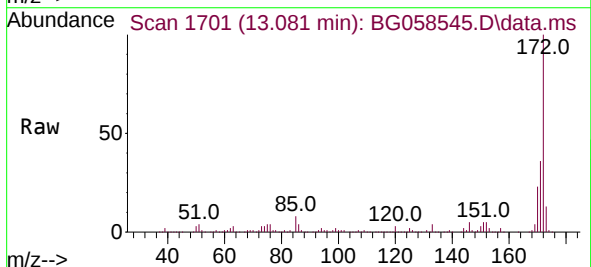
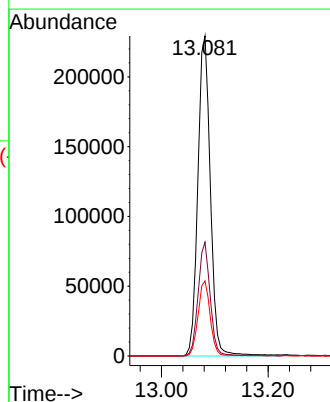
Tgt Ion:172 Resp: 374568

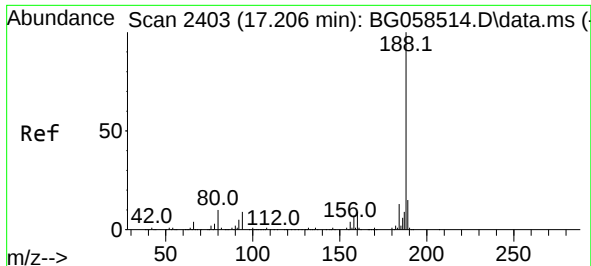
Ion Ratio Lower Upper

172 100

171 35.6 28.0 42.0

170 23.5 18.4 27.6

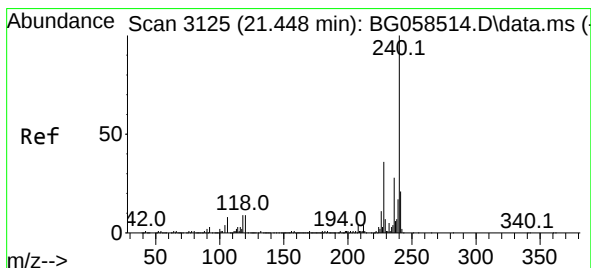
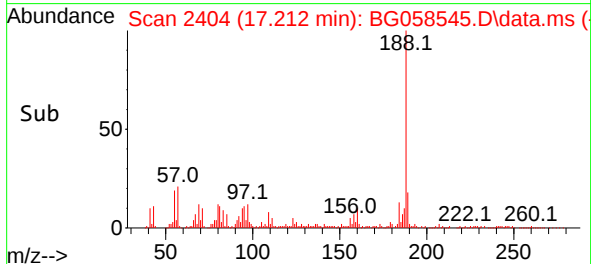
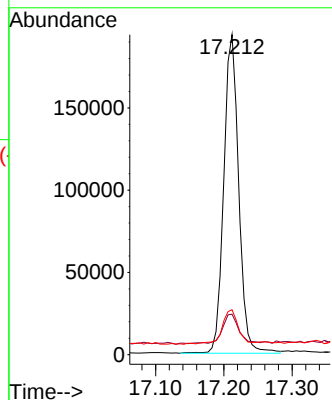
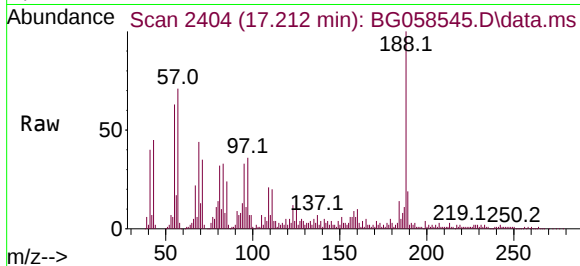




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.212 min Scan# 2404
Delta R.T. 0.006 min
Lab File: BG058545.D
Acq: 31 Jul 2023 16:08

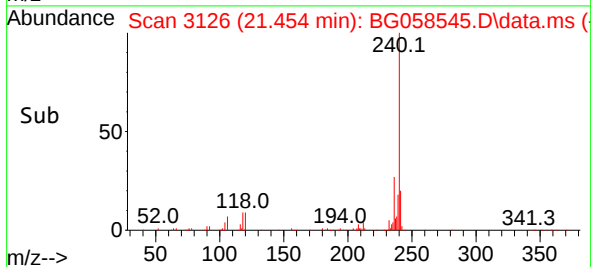
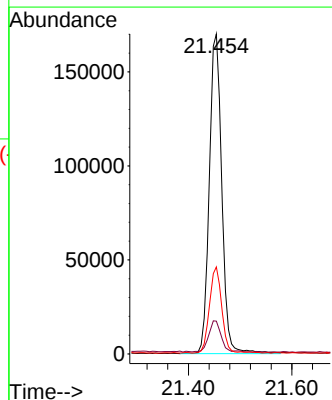
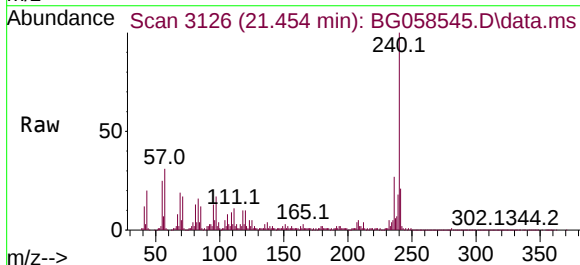
Instrument :
BNA_G
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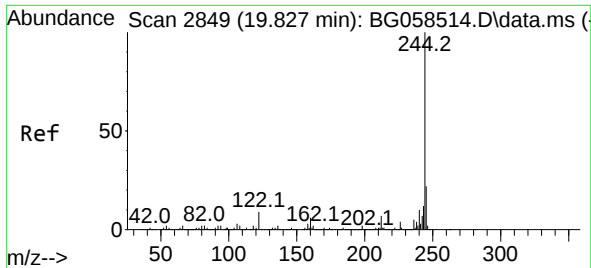
Tgt Ion:188 Resp: 295586
Ion Ratio Lower Upper
188 100
94 12.6 7.0 10.6#
80 14.0 8.1 12.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BG058545.D
Acq: 31 Jul 2023 16:08

Tgt Ion:240 Resp: 284702
Ion Ratio Lower Upper
240 100
120 10.2 7.4 11.0
236 27.2 22.2 33.4

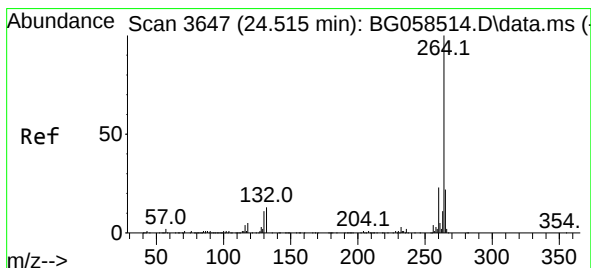
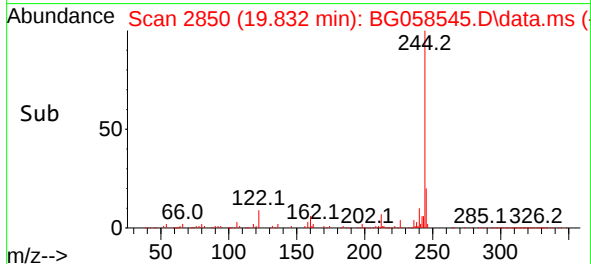
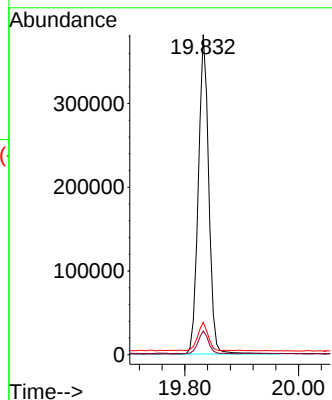
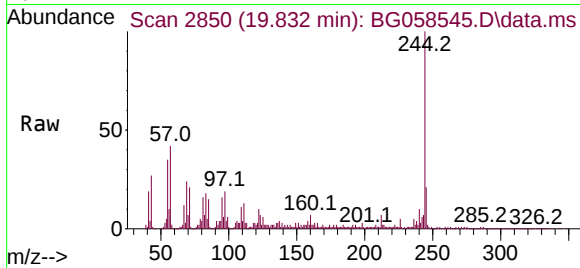




#79
 Terphenyl-d14
 Concen: 32.263 ng
 RT: 19.832 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG058545.D
 Acq: 31 Jul 2023 16:08

Instrument :
 BNA_G
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 KINGSLAND-SUB-T2

Tgt Ion:244 Resp: 488449
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.1 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.521 min Scan# 3648
 Delta R.T. 0.006 min
 Lab File: BG058545.D
 Acq: 31 Jul 2023 16:08

Tgt Ion:264 Resp: 380343
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 23.0 17.9 26.9

