

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060160.D
 Acq On : 23 Dec 2023 6:21
 Operator : MA/JU
 Sample : 05872-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 215-0207

Quant Time: Dec 25 00:44:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:42:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	294924	20.000	ng	# 0.00
21) Naphthalene-d8	10.743	136	1333585	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	1049455	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	2205271	20.000	ng	0.00
76) Chrysene-d12	21.584	240	1550190	20.000	ng	-0.01
86) Perylene-d12	24.762	264	1710755	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	2395449	127.983	ng	0.00
7) Phenol-d6	7.106	99	3298487	104.715	ng	0.00
23) Nitrobenzene-d5	9.104	82	2481018	91.137	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1551184	109.779	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	5432371	77.726	ng	0.00
79) Terphenyl-d14	19.944	244	5752219	67.145	ng	0.00

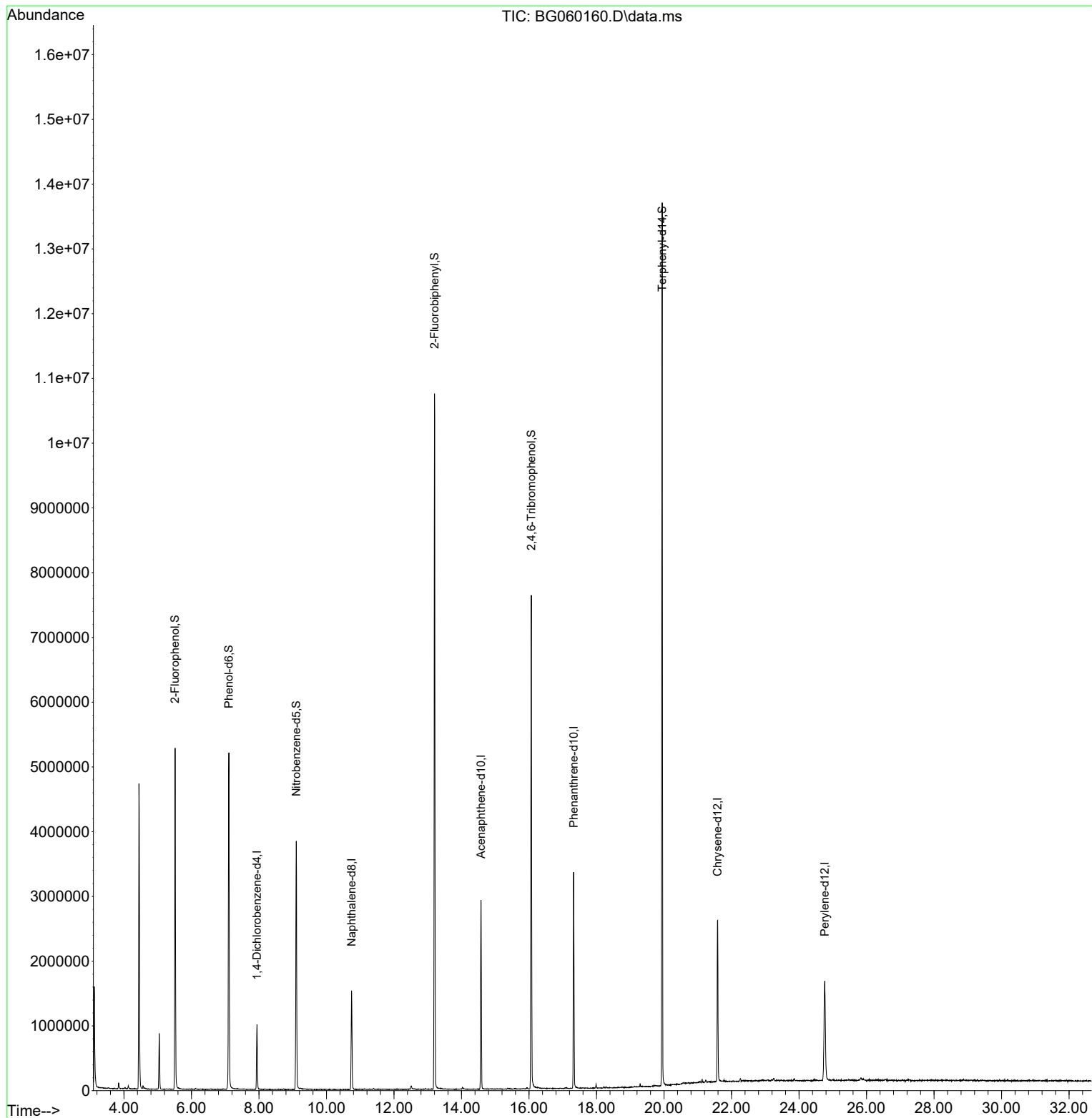
Target Compounds	Qvalue

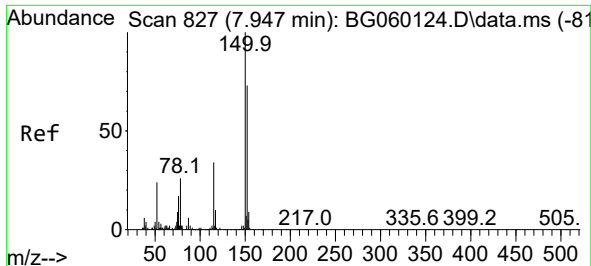
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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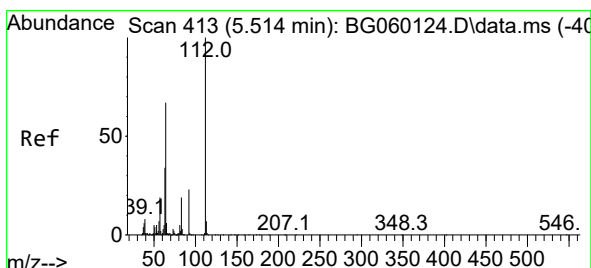
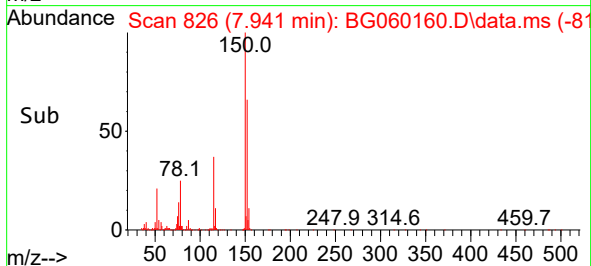
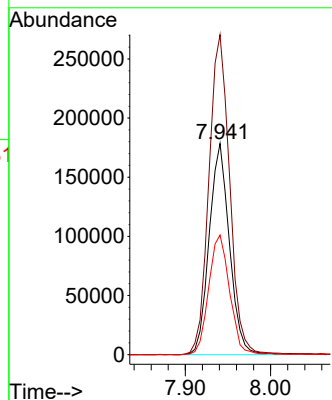
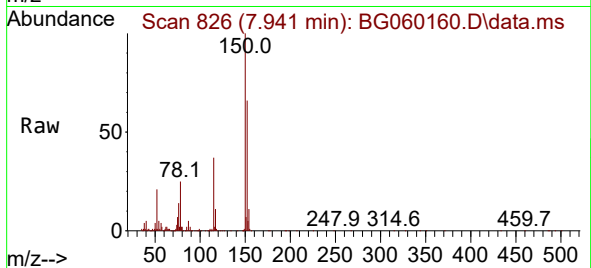




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

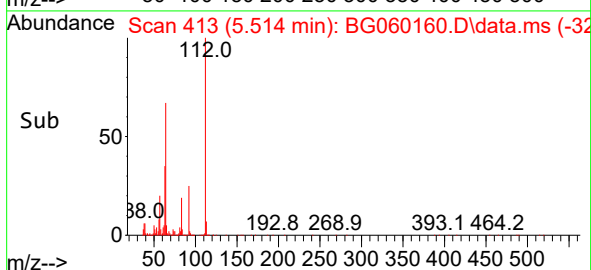
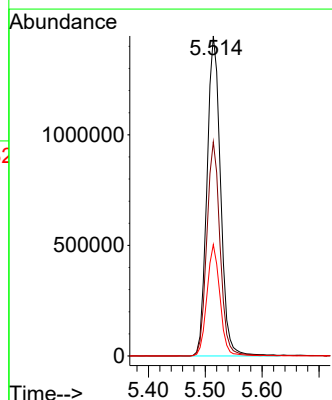
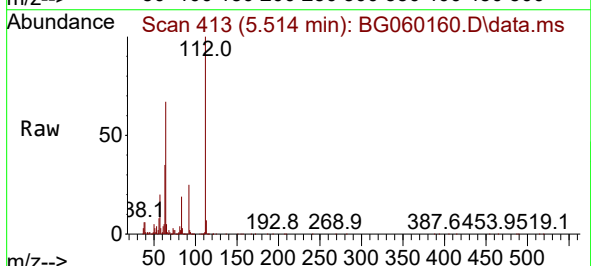
Instrument :
BNA_G
ClientSampleId :
215-0207

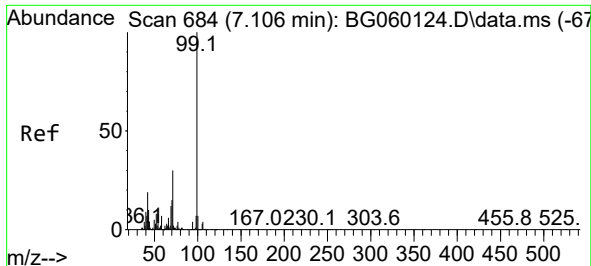
Tgt Ion:152 Resp: 294924
Ion Ratio Lower Upper
152 100
150 151.5 109.4 164.0
115 56.7 36.5 54.7#



#5
2-Fluorophenol
Concen: 127.983 ng
RT: 5.514 min Scan# 413
Delta R.T. 0.000 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

Tgt Ion:112 Resp: 2395449
Ion Ratio Lower Upper
112 100
64 66.9 53.3 79.9
63 34.8 27.1 40.7



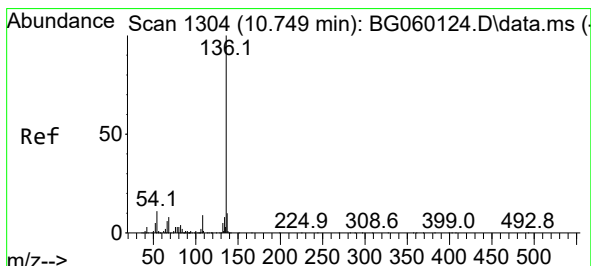
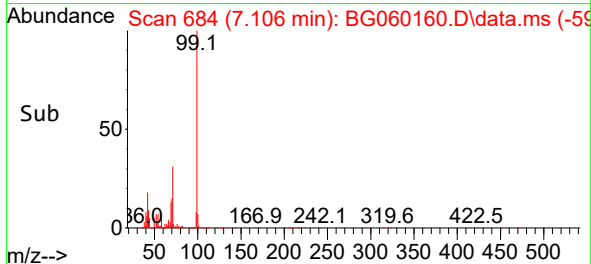
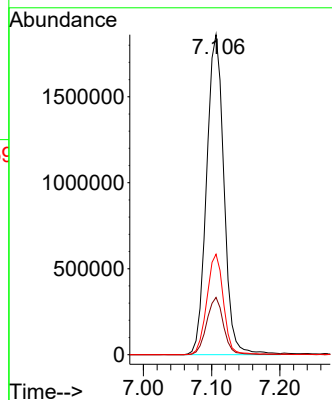
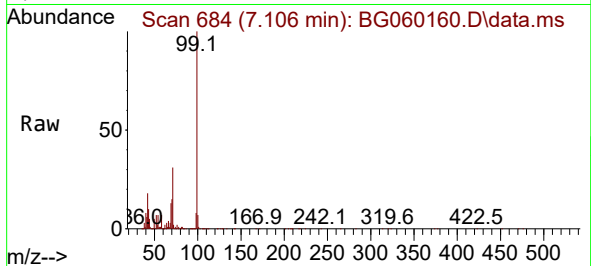


#7
Phenol-d6
Concen: 104.715 ng
RT: 7.106 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

Instrument :
BNA_G
ClientSampleId :
215-0207

Tgt Ion: 99 Resp: 3298487

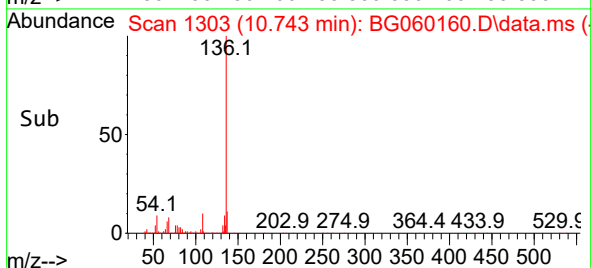
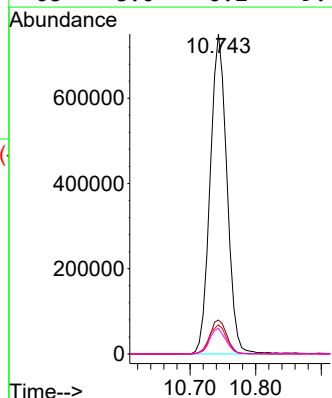
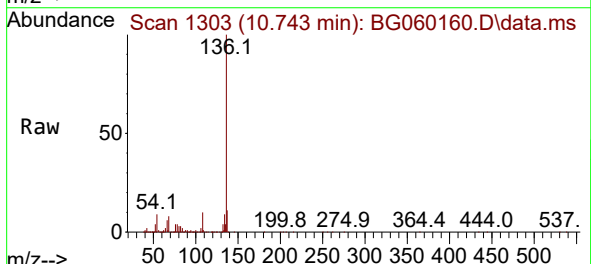
Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.2	22.8
71	31.4	24.2	36.2

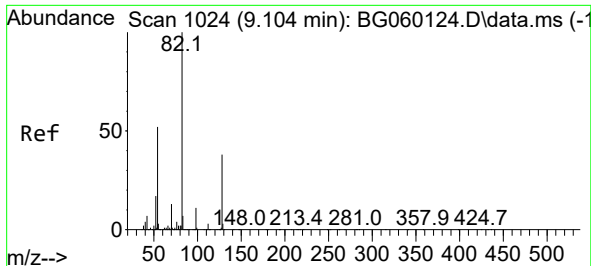


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

Tgt Ion:136 Resp: 1333585

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.1	12.1
54	9.1	8.7	13.1
68	8.0	6.2	9.4

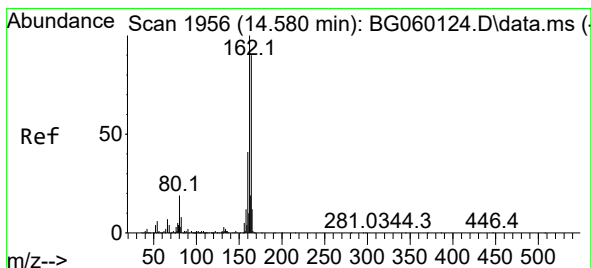
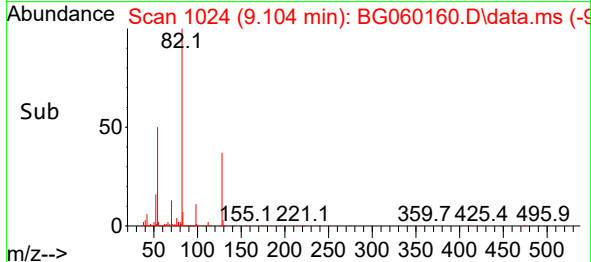
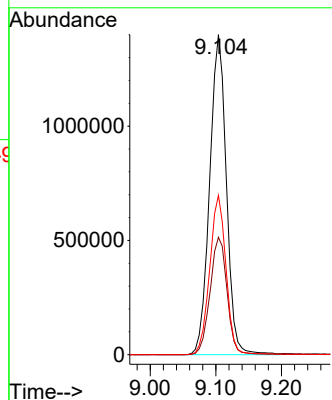
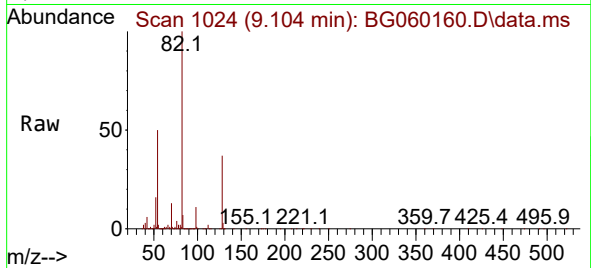




#23
Nitrobenzene-d5
Concen: 91.137 ng
RT: 9.104 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

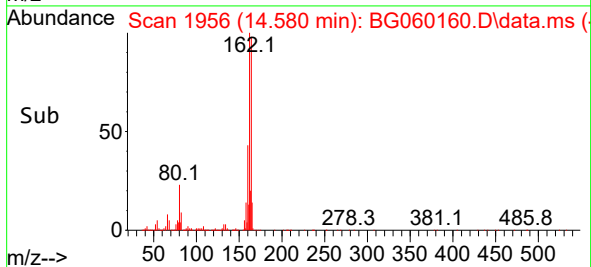
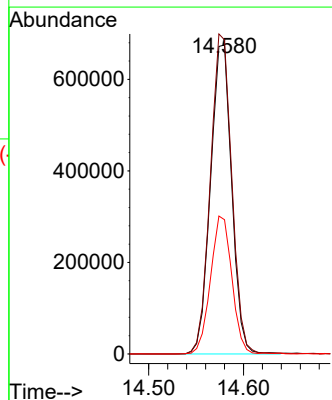
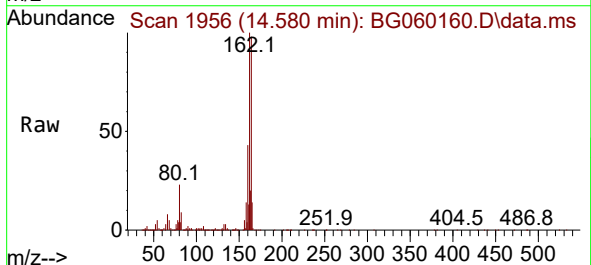
Instrument :
BNA_G
ClientSampleId :
215-0207

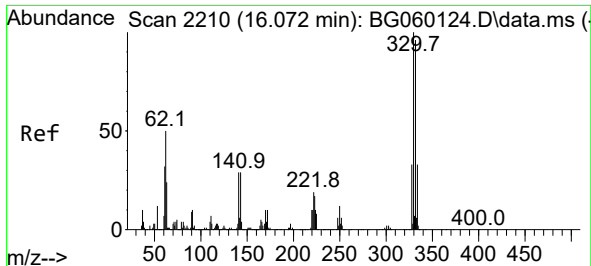
Tgt Ion: 82 Resp: 2481018
Ion Ratio Lower Upper
82 100
128 36.7 30.5 45.7
54 49.8 41.9 62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

Tgt Ion:164 Resp: 1049455
Ion Ratio Lower Upper
164 100
162 101.7 88.5 132.7
160 43.5 36.2 54.2

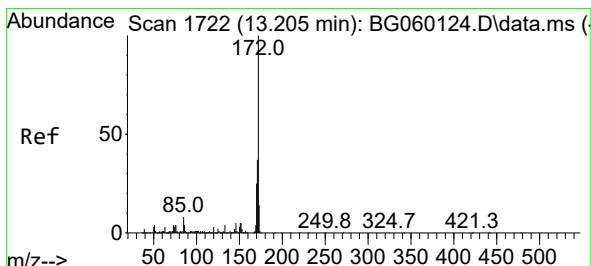
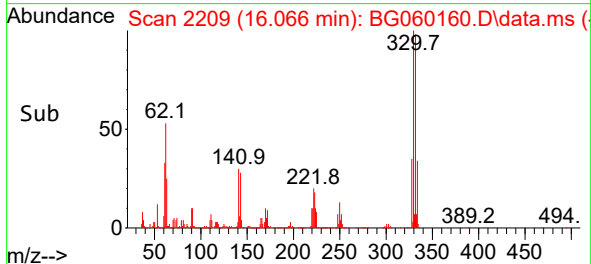
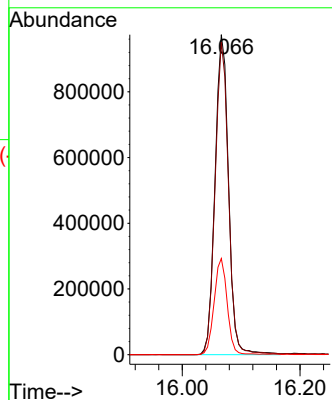
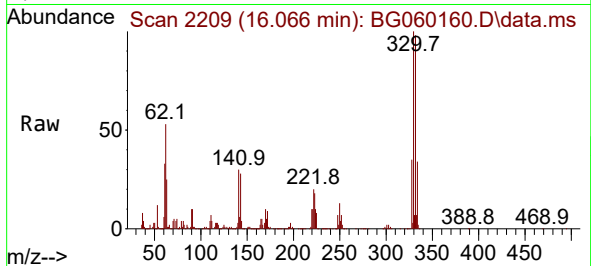




#42
2,4,6-Tribromophenol
Concen: 109.779 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

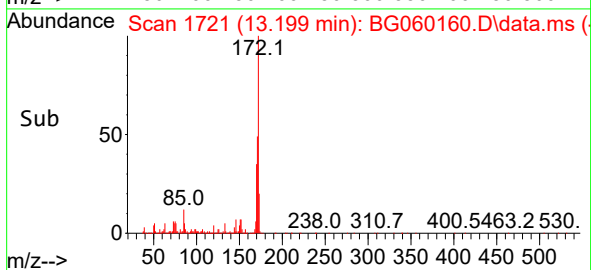
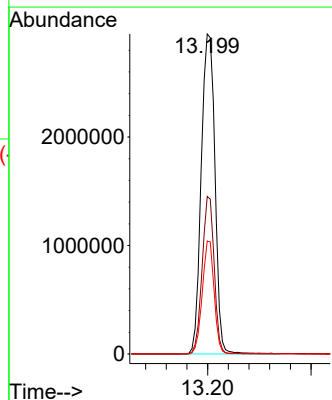
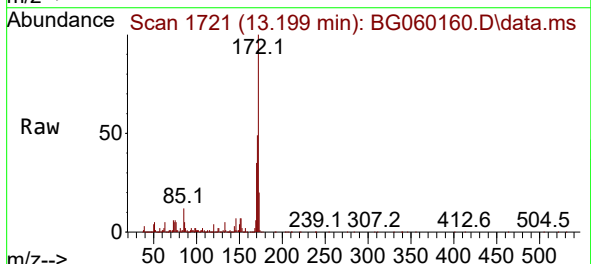
Instrument :
BNA_G
ClientSampleId :
215-0207

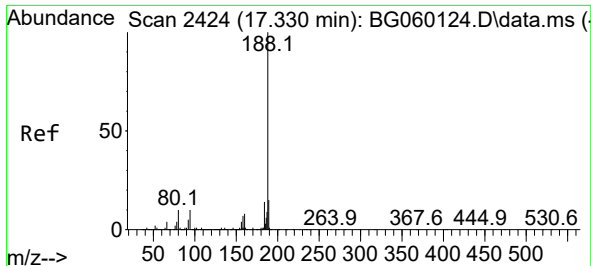
Tgt Ion:330 Resp: 1551184
Ion Ratio Lower Upper
330 100
332 96.9 75.5 113.3
141 29.1 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 77.726 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

Tgt Ion:172 Resp: 5432371
Ion Ratio Lower Upper
172 100
171 49.2 29.2 43.8#
170 35.3 20.1 30.1#

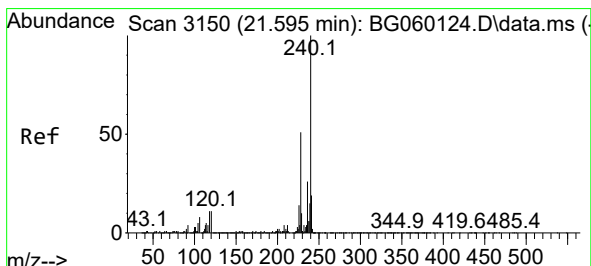
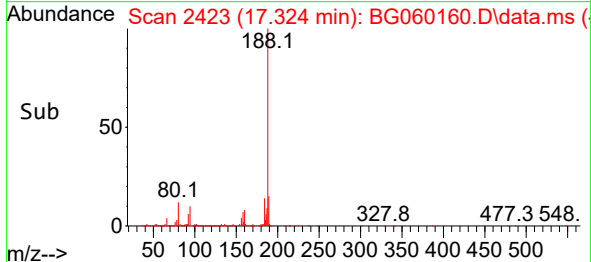
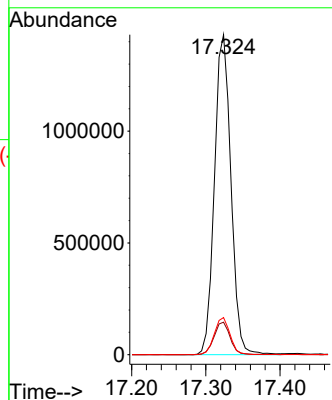
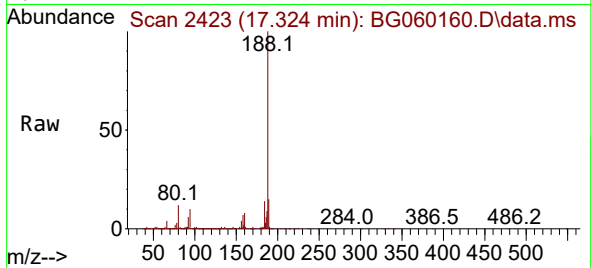




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

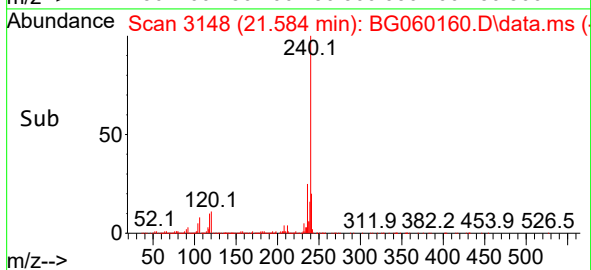
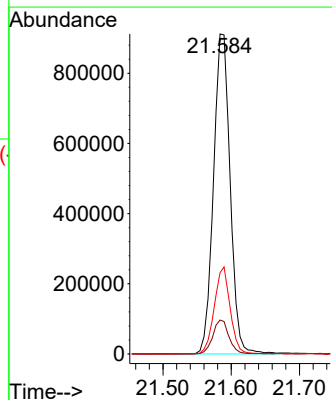
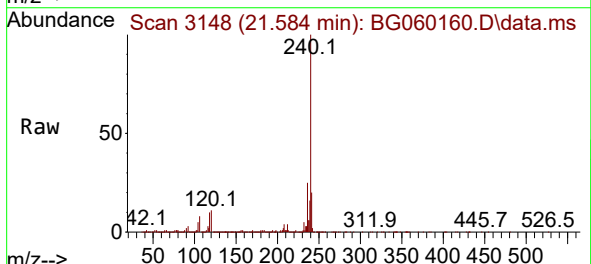
Instrument :
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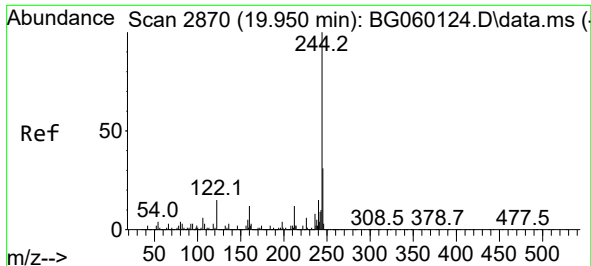
Tgt Ion:188 Resp: 2205271
Ion Ratio Lower Upper
188 100
94 10.2 7.6 11.4
80 11.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3148
Delta R.T. -0.012 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

Tgt Ion:240 Resp: 1550190
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.6
236 25.4 20.4 30.6

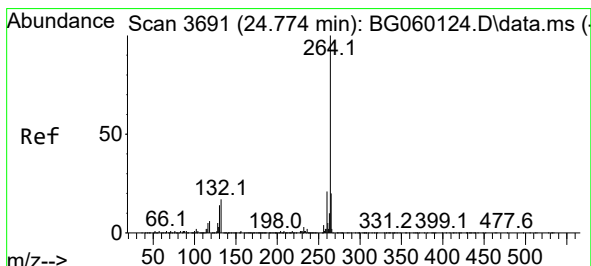
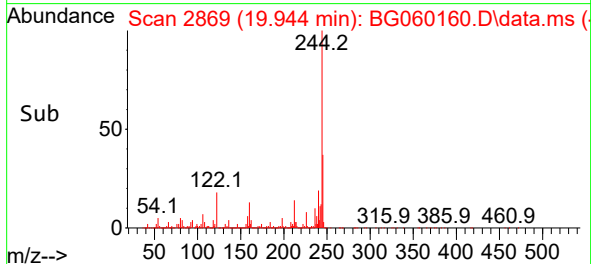
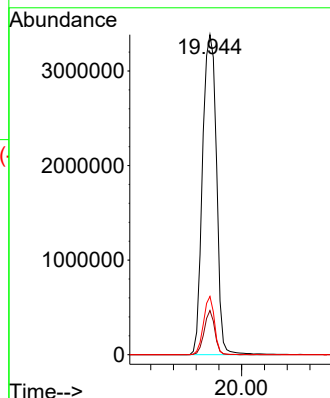
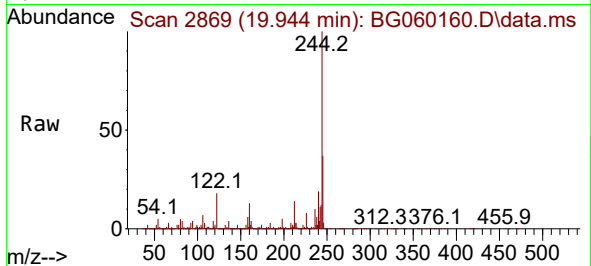




#79
 Terphenyl-d14
 Concen: 67.145 ng
 RT: 19.944 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG060160.D
 Acq: 23 Dec 2023 6:21

Instrument :
 BNA_G
 ClientSampleId :
 215-0207

Tgt Ion:244 Resp: 5752219
 Ion Ratio Lower Upper
 244 100
 212 13.8 9.5 14.3
 122 18.2 12.2 18.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.762 min Scan# 3689
 Delta R.T. -0.012 min
 Lab File: BG060160.D
 Acq: 23 Dec 2023 6:21

Tgt Ion:264 Resp: 1710755
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.1 25.7
 265 21.0 16.0 24.0

