

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060275.D
 Acq On : 5 Jan 2024 17:58
 Operator : MA/JU
 Sample : 05967-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COLS8

Quant Time: Jan 06 00:44:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	220323	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	797113	20.000	ng	0.00
39) Acenaphthene-d10	14.570	164	542641	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	1460484	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1500628	20.000	ng	0.00
86) Perylene-d12	24.753	264	1685511	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	801391	54.900	ng	0.00
7) Phenol-d6	7.097	99	658489	30.382	ng	0.00
23) Nitrobenzene-d5	9.095	82	1609323	93.255	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	1039231	143.070	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	3338444	88.421	ng	0.00
79) Terphenyl-d14	19.941	244	5269714	67.512	ng	0.00

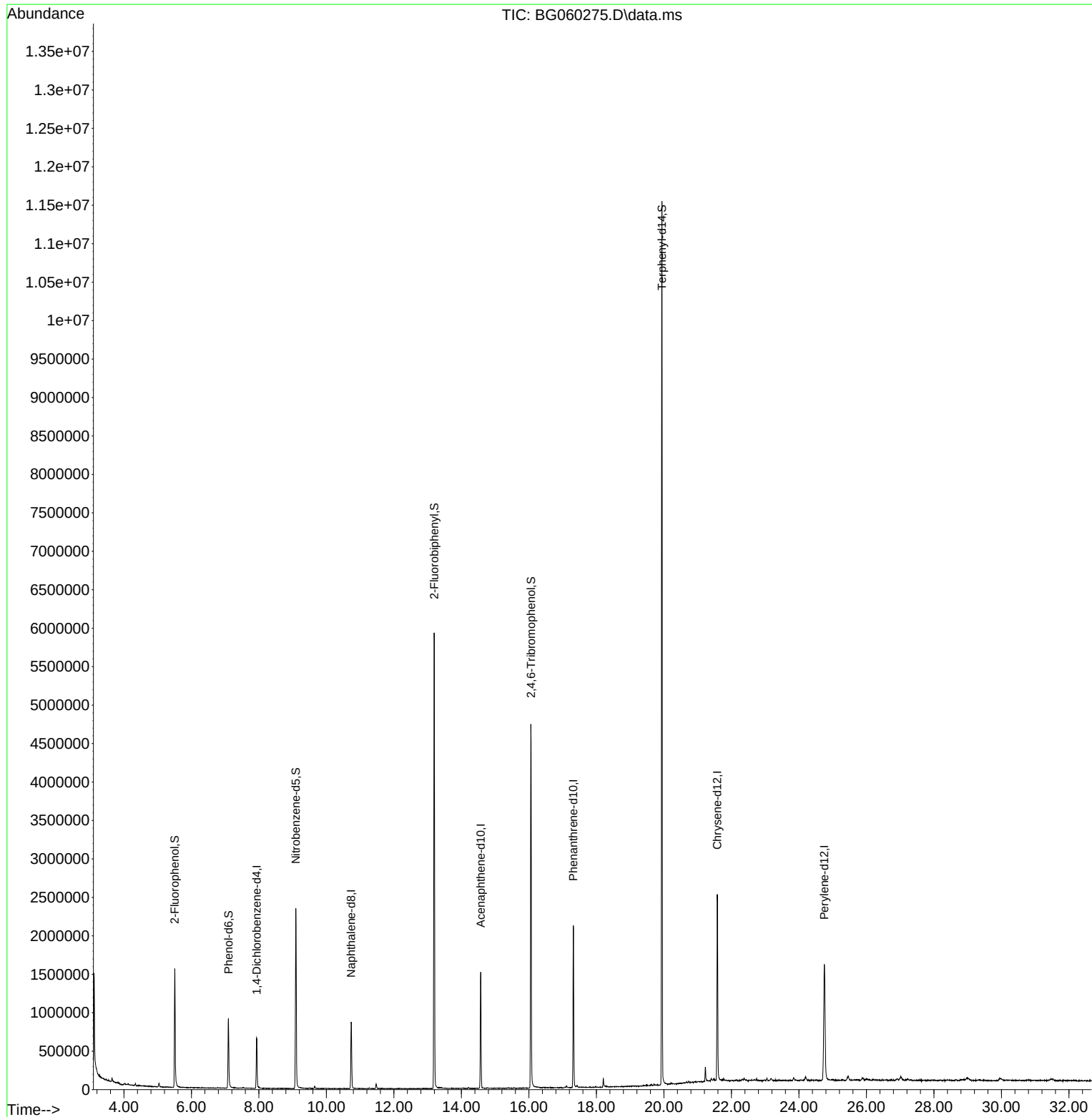
Target Compounds	Qvalue

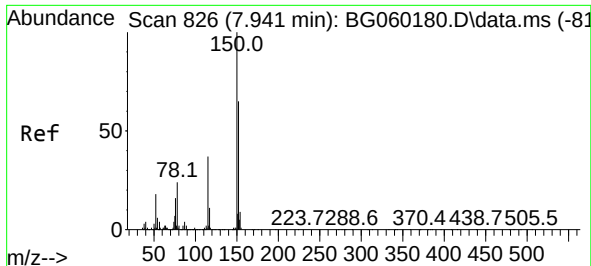
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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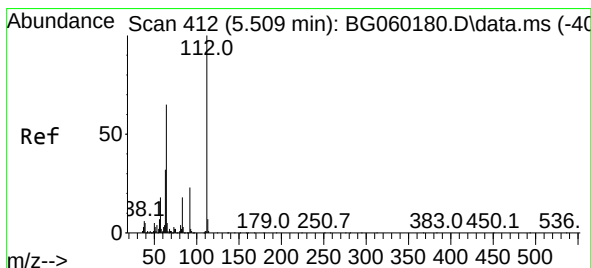
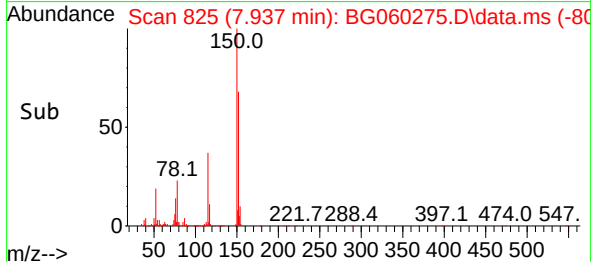
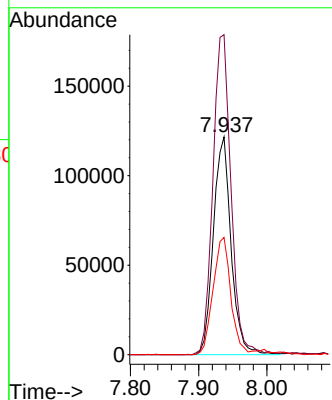
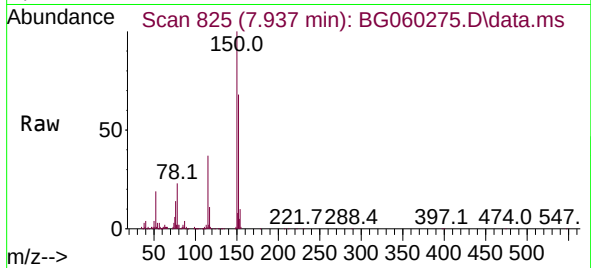




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

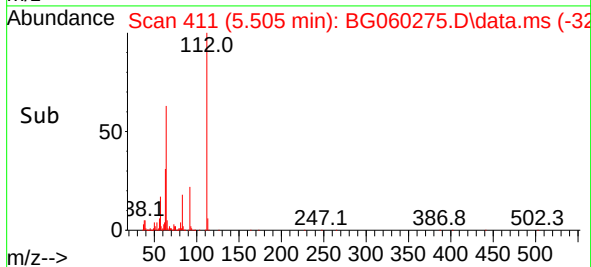
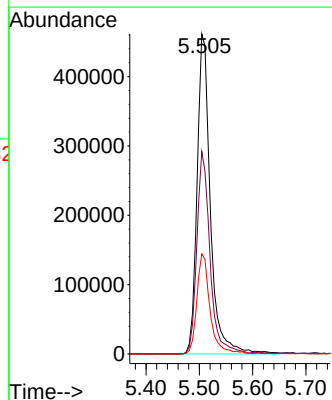
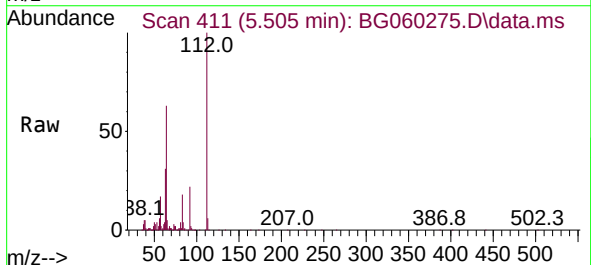
Instrument :
BNA_G
ClientSampleId :
COLS8

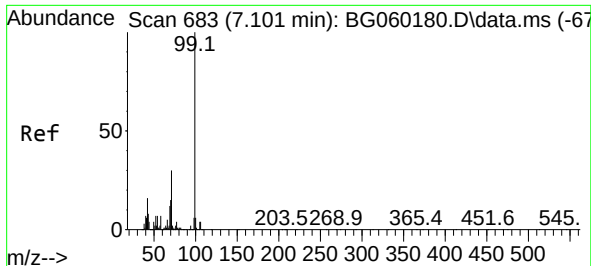
Tgt Ion:152 Resp: 220323
Ion Ratio Lower Upper
152 100
150 147.0 123.4 185.0
115 53.9 45.4 68.0



#5
2-Fluorophenol
Concen: 54.900 ng
RT: 5.505 min Scan# 411
Delta R.T. -0.004 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

Tgt Ion:112 Resp: 801391
Ion Ratio Lower Upper
112 100
64 63.3 52.2 78.4
63 31.3 25.4 38.0

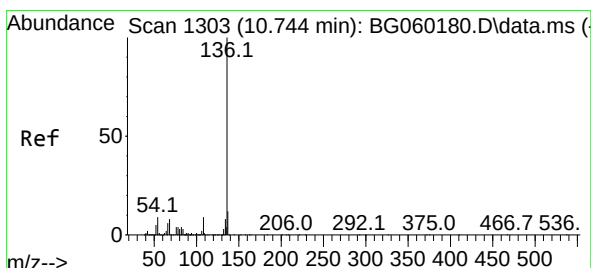
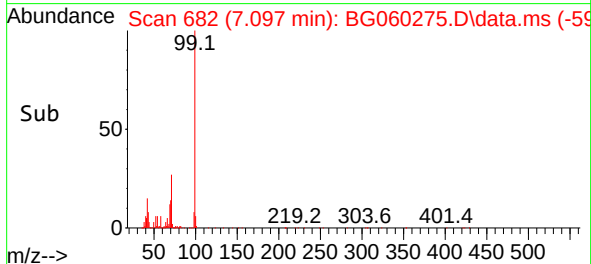
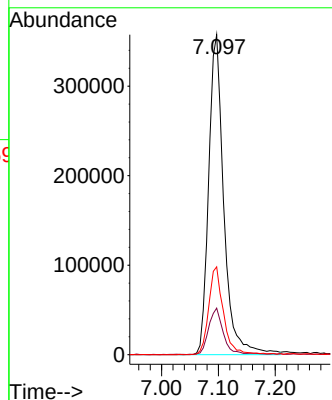
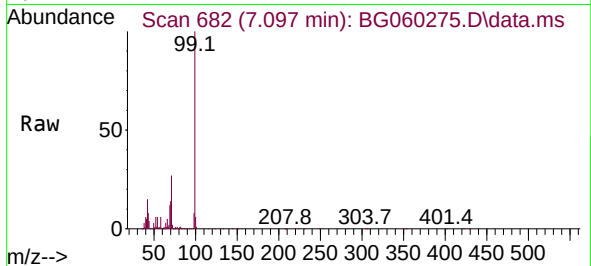




#7
Phenol-d6
Concen: 30.382 ng
RT: 7.097 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

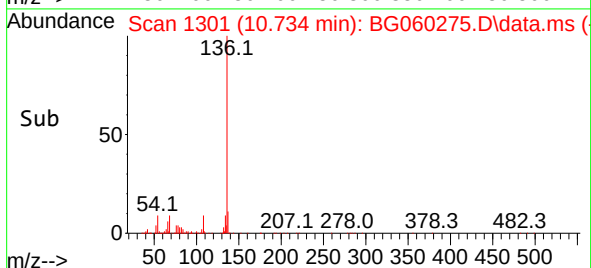
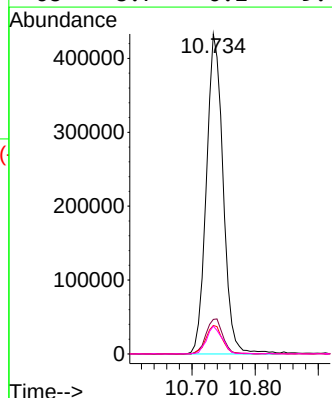
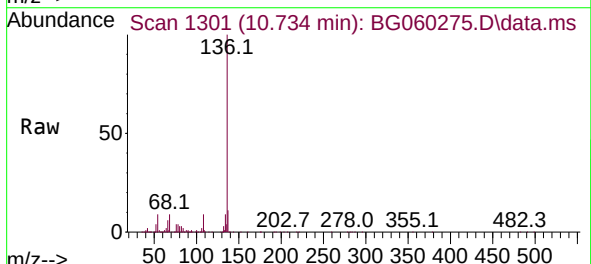
Instrument :
BNA_G
ClientSampleId :
COLS8

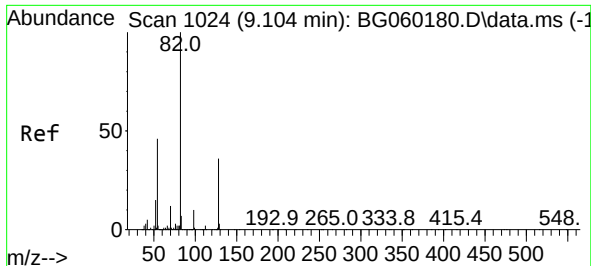
Tgt Ion: 99 Resp: 658489
Ion Ratio Lower Upper
99 100
42 14.6 12.5 18.7
71 27.5 24.1 36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1301
Delta R.T. -0.010 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

Tgt Ion: 136 Resp: 797113
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.0
54 8.9 7.4 11.2
68 8.7 6.2 9.4





#23

Nitrobenzene-d5

Concen: 93.255 ng

RT: 9.095 min Scan# 10

Delta R.T. -0.010 min

Lab File: BG060275.D

Acq: 5 Jan 2024 17:58

Instrument :

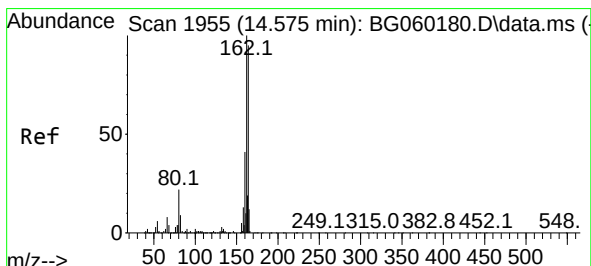
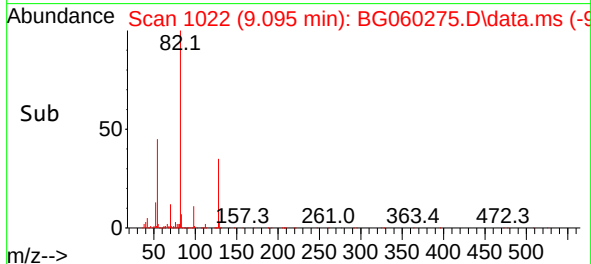
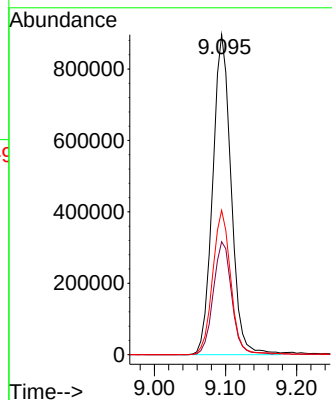
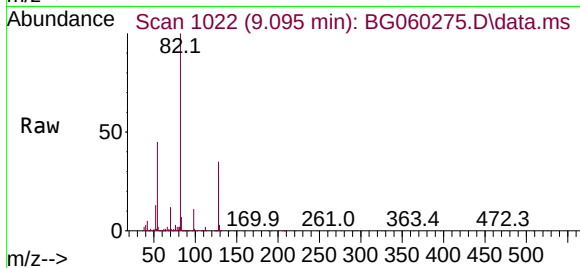
BNA_G

ClientSampleId :

C0LS8

Tgt Ion: 82 Resp: 1609323

Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.7	43.1
54	45.1	36.9	55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.570 min Scan# 1954

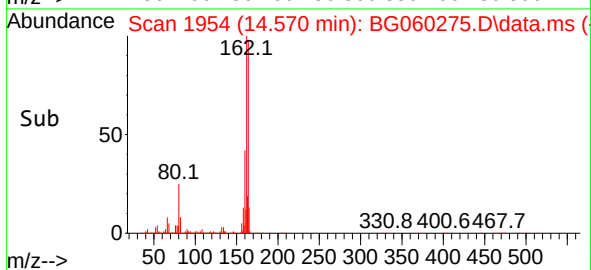
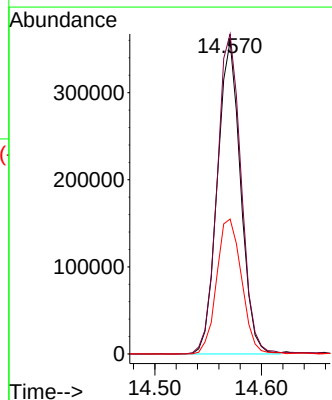
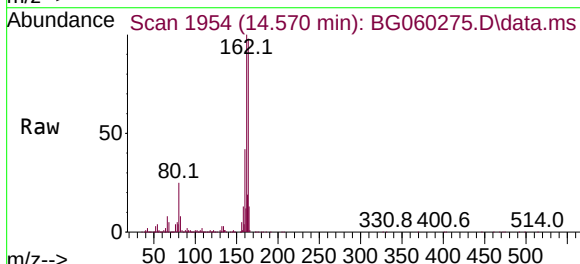
Delta R.T. -0.004 min

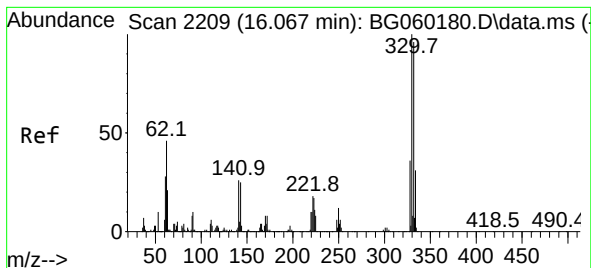
Lab File: BG060275.D

Acq: 5 Jan 2024 17:58

Tgt Ion: 164 Resp: 542641

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.9	125.9
160	43.1	34.2	51.4

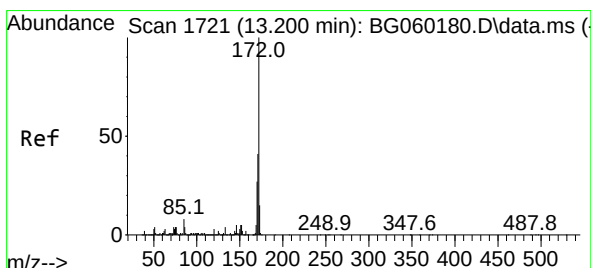
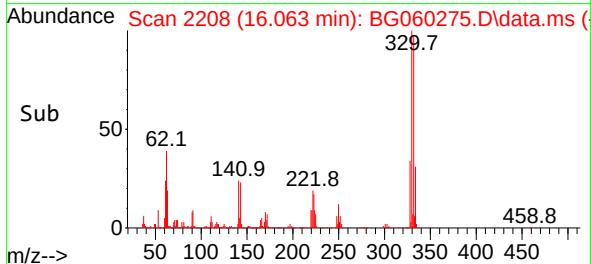
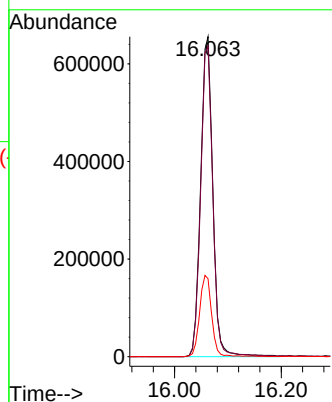
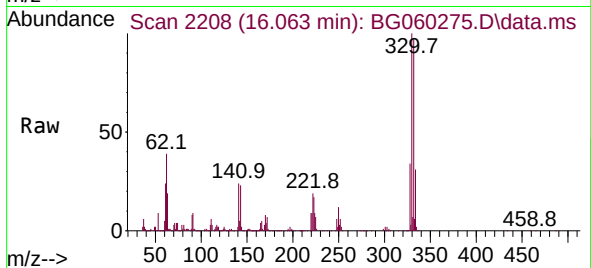




#42
2,4,6-Tribromophenol
Concen: 143.070 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

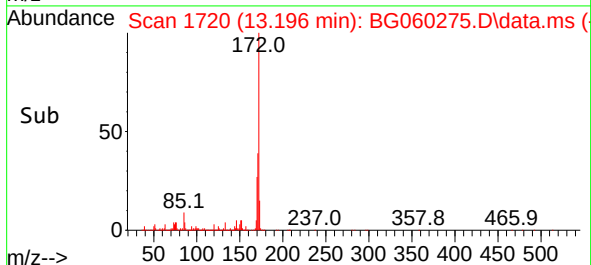
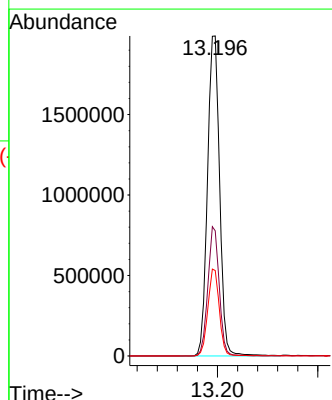
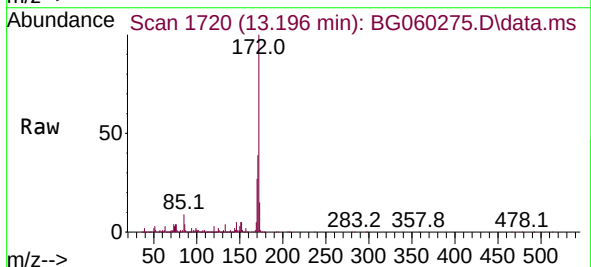
Instrument :
BNA_G
ClientSampleId :
COLS8

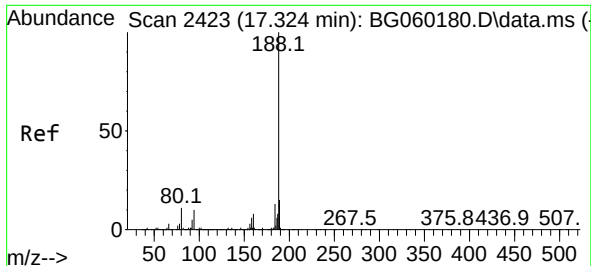
Tgt Ion:330 Resp: 1039231
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 25.2 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 88.421 ng
RT: 13.196 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

Tgt Ion:172 Resp: 3338444
Ion Ratio Lower Upper
172 100
171 39.1 32.6 48.8
170 26.7 21.8 32.6

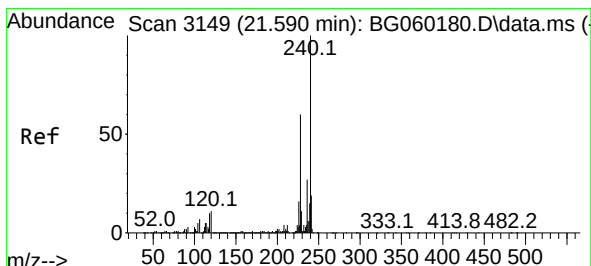
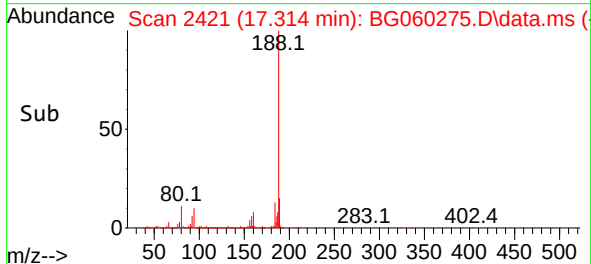
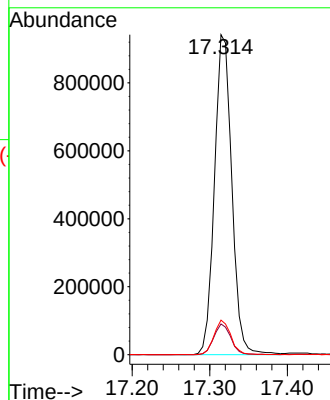
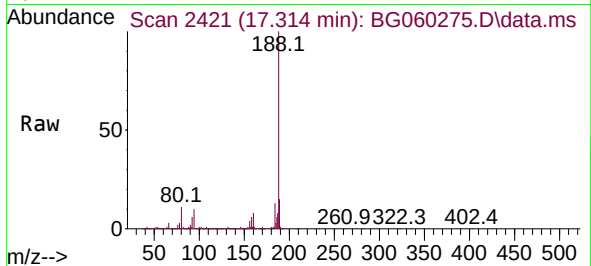




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.314 min Scan# 24
Delta R.T. -0.010 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

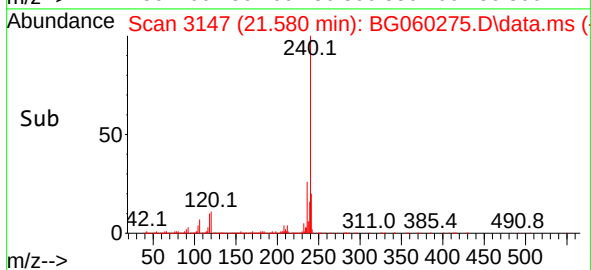
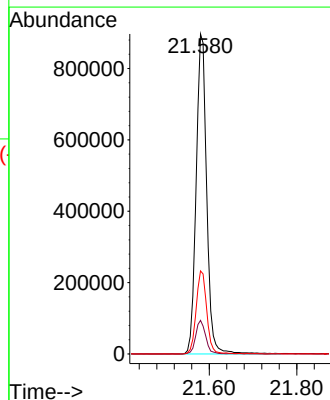
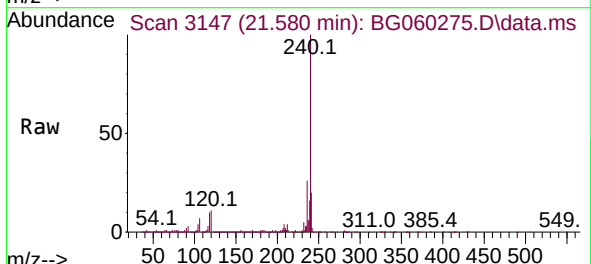
Instrument :
BNA_G
ClientSampleId :
COLS8

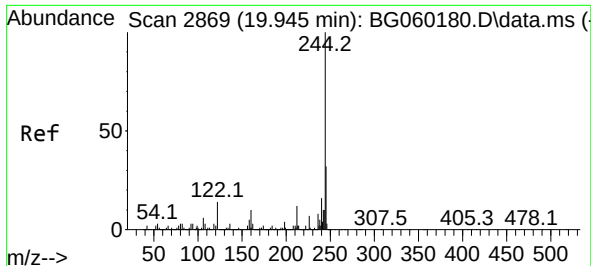
Tgt Ion:188 Resp: 1460484
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.6
80 10.8 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3147
Delta R.T. -0.010 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

Tgt Ion:240 Resp: 1500628
Ion Ratio Lower Upper
240 100
120 10.5 8.5 12.7
236 26.0 21.4 32.2

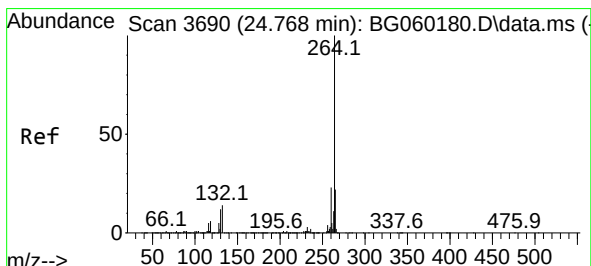
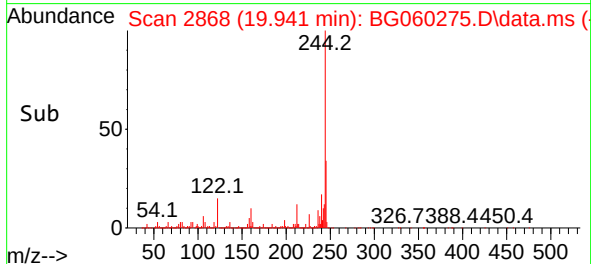
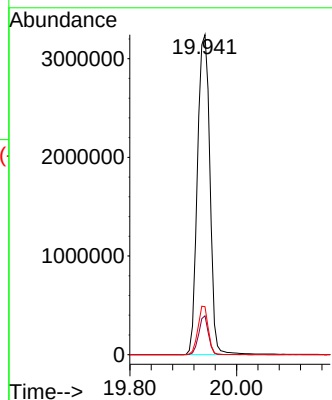
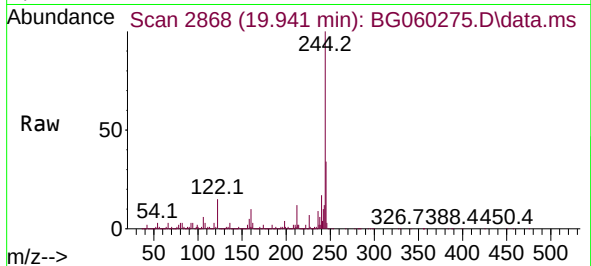




#79
 Terphenyl-d14
 Concen: 67.512 ng
 RT: 19.941 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG060275.D
 Acq: 5 Jan 2024 17:58

Instrument :
 BNA_G
 ClientSampleId :
 COLS8

Tgt Ion:244 Resp: 5269714
 Ion Ratio Lower Upper
 244 100
 212 12.1 9.5 14.3
 122 15.0 11.4 17.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.753 min Scan# 3687
 Delta R.T. -0.016 min
 Lab File: BG060275.D
 Acq: 5 Jan 2024 17:58

Tgt Ion:264 Resp: 1685511
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.0 27.0
 265 21.4 17.4 26.0

