

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060745.D
Acq On : 2 Apr 2024 20:05
Operator : MA/JU
Sample : P1927-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11991

Quant Time: Apr 03 00:43:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	66624	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	261388	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	194334	20.000	ng	0.00
64) Phenanthrene-d10	17.329	188	474676	20.000	ng	0.00
76) Chrysene-d12	21.589	240	457540	20.000	ng	-0.02
86) Perylene-d12	24.727	264	535686	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	502396	125.621	ng	0.00
7) Phenol-d6	7.112	99	639334	107.695	ng	0.00
23) Nitrobenzene-d5	9.104	82	455435	99.422	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	358755	162.627	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	1099918	83.067	ng	0.00
79) Terphenyl-d14	19.956	244	2149040	82.705	ng	0.00

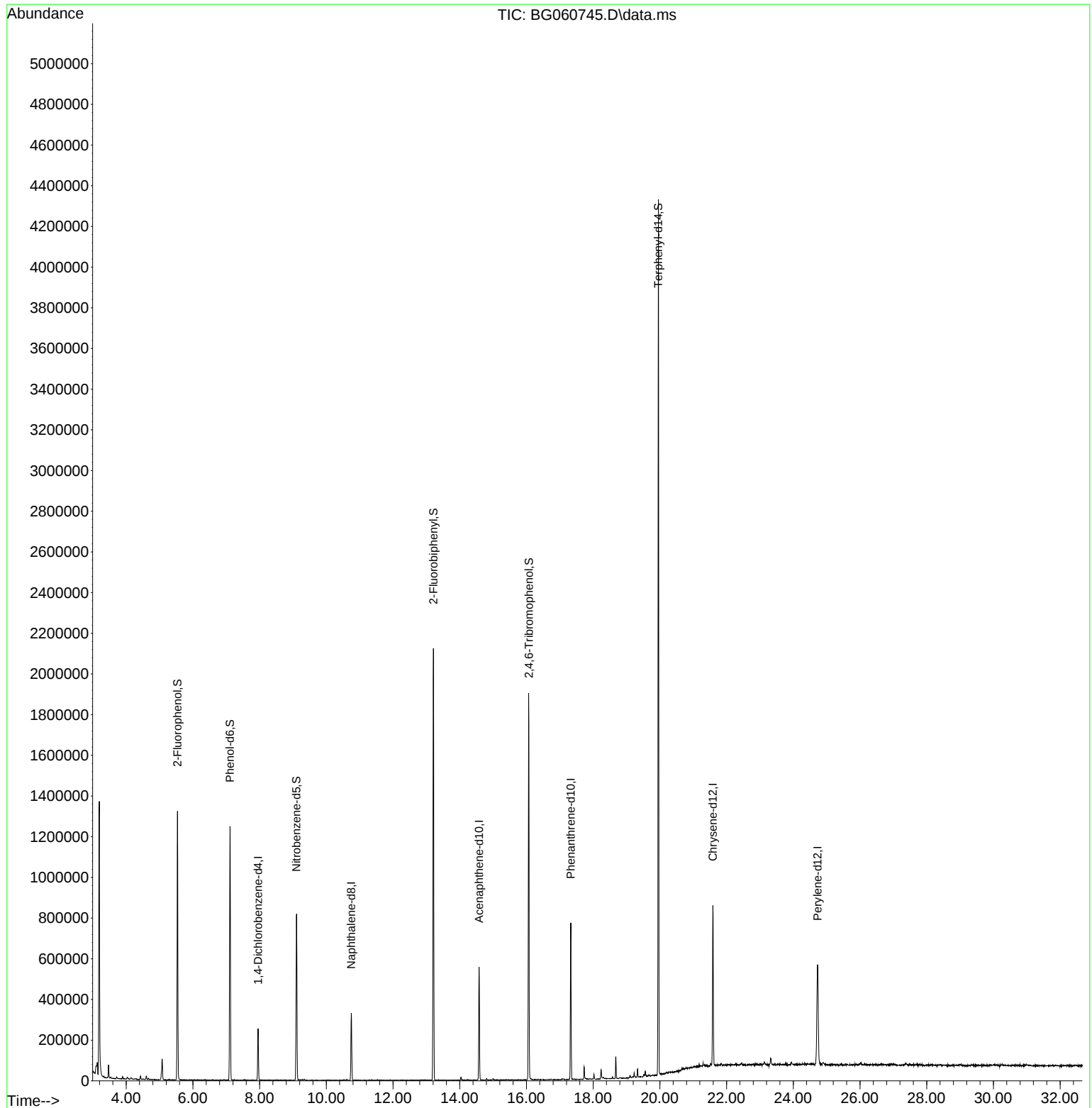
Target Compounds	Qvalue

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

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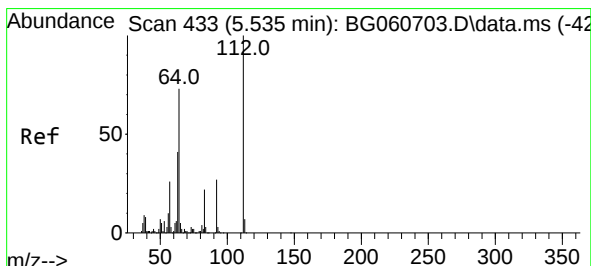
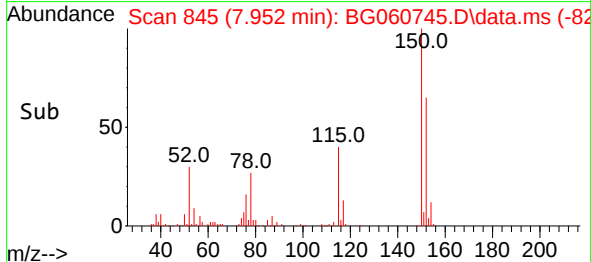
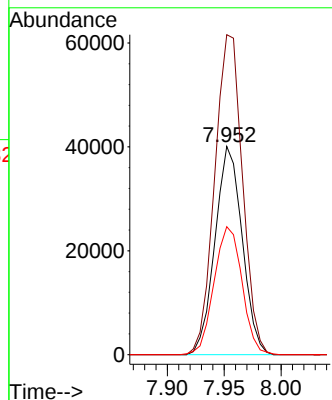
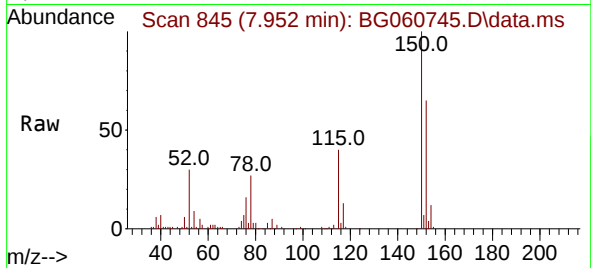




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 846
Delta R.T. -0.009 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05

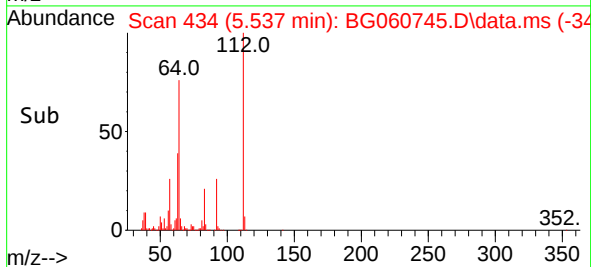
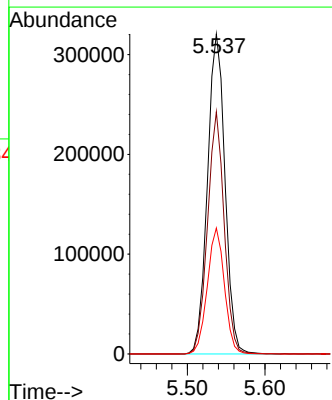
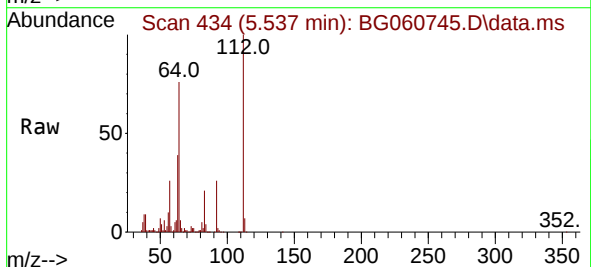
Instrument :
BNA_G
ClientSampleId :
72-11991

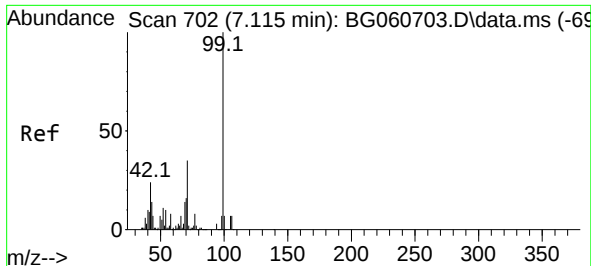
Tgt Ion:152 Resp: 66624
Ion Ratio Lower Upper
152 100
150 153.7 130.2 195.4
115 61.5 51.6 77.4



#5
2-Fluorophenol
Concen: 125.621 ng
RT: 5.537 min Scan# 434
Delta R.T. 0.003 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05

Tgt Ion:112 Resp: 502396
Ion Ratio Lower Upper
112 100
64 75.7 58.4 87.6
63 39.3 32.7 49.1

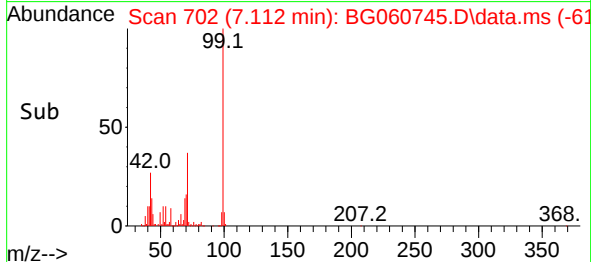
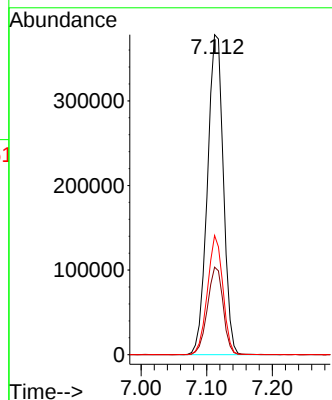
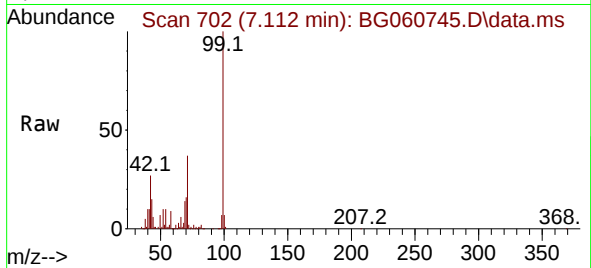




#7
Phenol-d6
Concen: 107.695 ng
RT: 7.112 min Scan# 702
Delta R.T. -0.003 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05

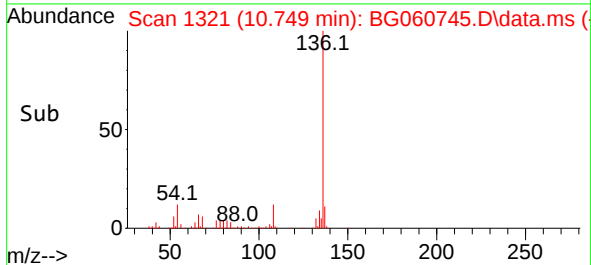
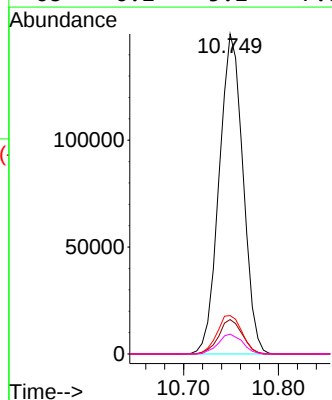
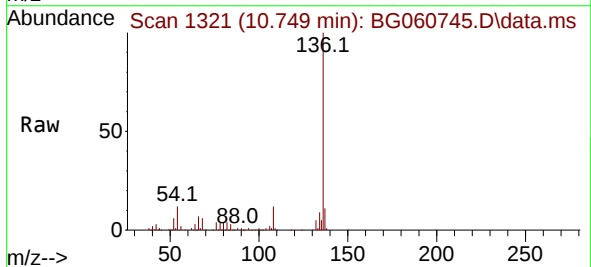
Instrument :
BNA_G
ClientSampleId :
72-11991

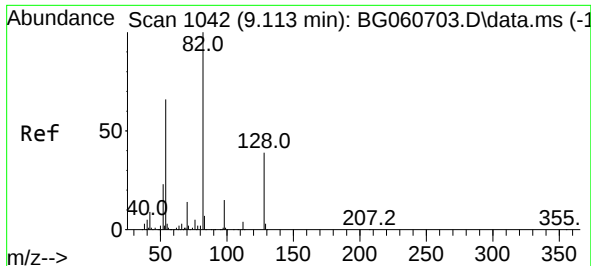
Tgt Ion: 99 Resp: 639334
Ion Ratio Lower Upper
99 100
42 27.4 19.4 29.2
71 37.3 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 1321
Delta R.T. -0.009 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05

Tgt Ion: 136 Resp: 261388
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 12.0 10.2 15.2
68 6.2 5.2 7.8

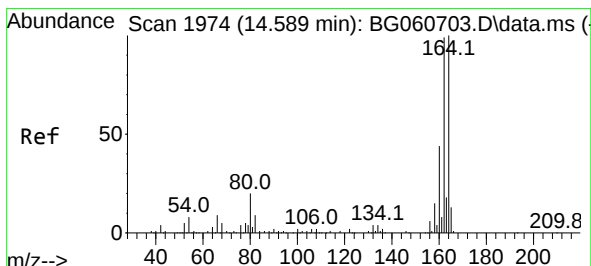
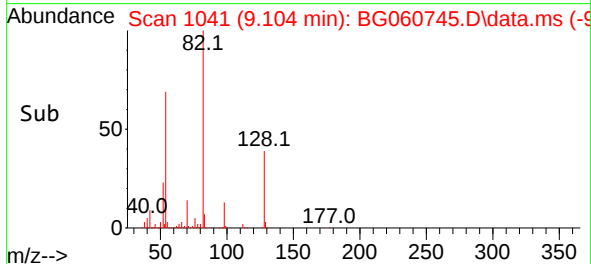
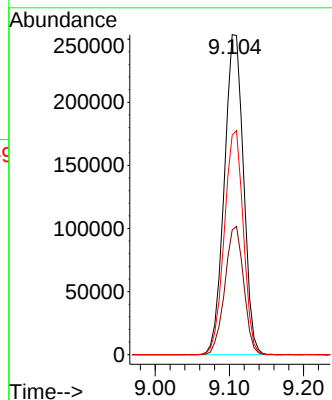
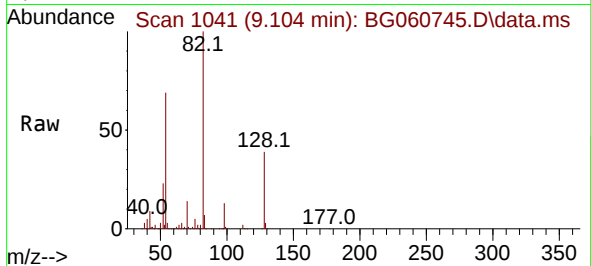




#23
Nitrobenzene-d5
Concen: 99.422 ng
RT: 9.104 min Scan# 1042
Delta R.T. -0.009 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05

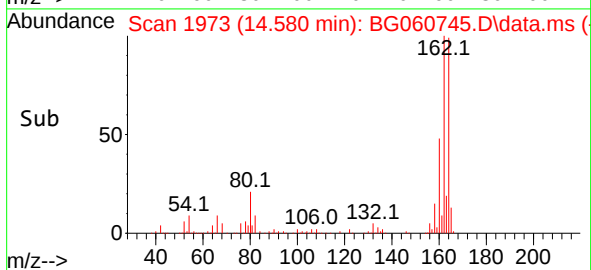
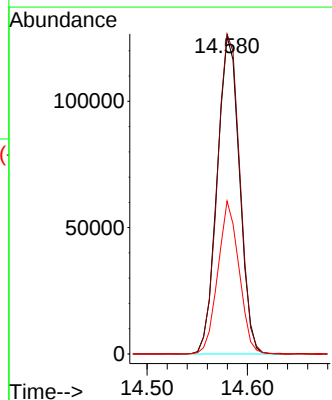
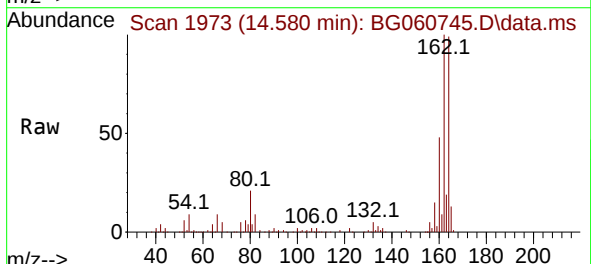
Instrument :
BNA_G
ClientSampleId :
72-11991

Tgt Ion: 82 Resp: 455435
Ion Ratio Lower Upper
82 100
128 38.9 31.2 46.8
54 68.6 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1973
Delta R.T. -0.009 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05

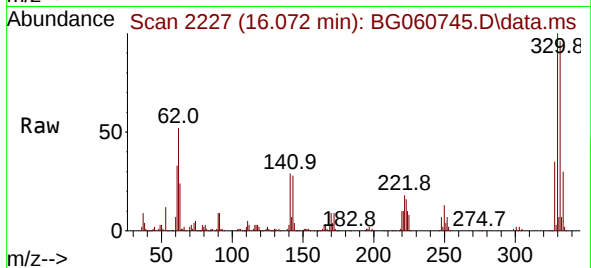
Tgt Ion:164 Resp: 194334
Ion Ratio Lower Upper
164 100
162 100.8 79.5 119.3
160 48.1 35.4 53.0



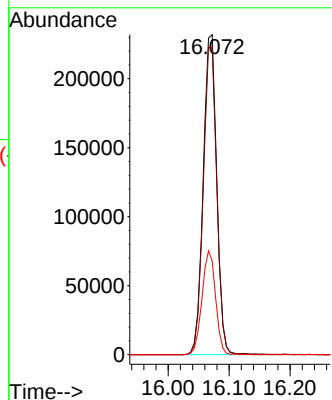
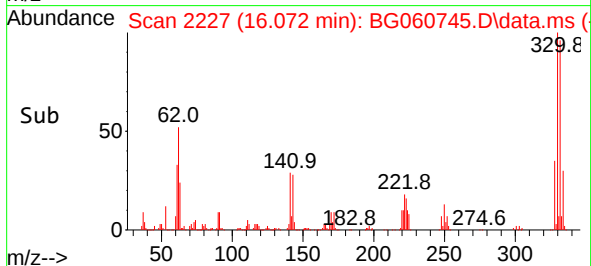


#42
2,4,6-Tribromophenol
Concen: 162.627 ng
RT: 16.072 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05

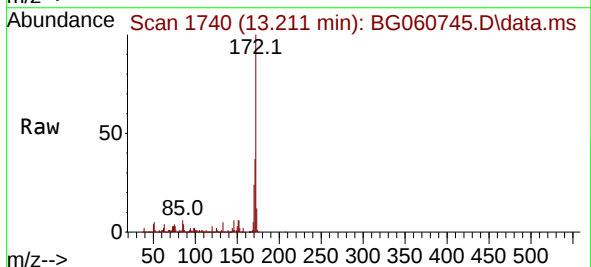
Instrument :
BNA_G
ClientSampleId :
72-11991



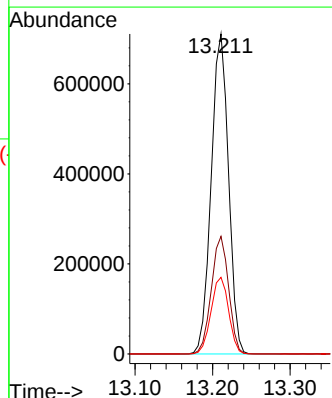
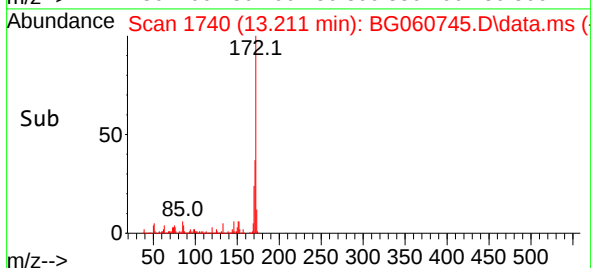
Tgt Ion:330 Resp: 358755
Ion Ratio Lower Upper
330 100
332 95.8 78.2 117.4
141 32.4 27.0 40.6

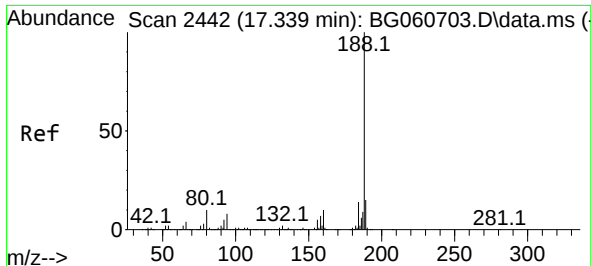


#45
2-Fluorobiphenyl
Concen: 83.067 ng
RT: 13.211 min Scan# 1740
Delta R.T. -0.009 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05



Tgt Ion:172 Resp: 1099918
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 23.9 19.4 29.0

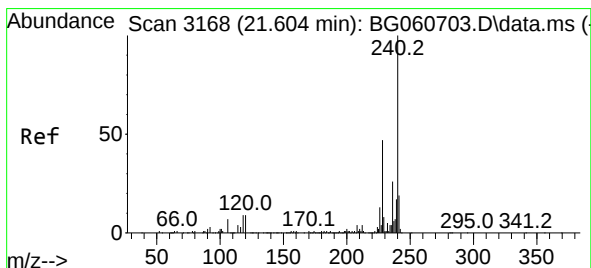
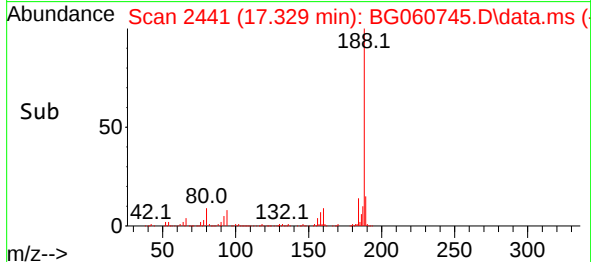
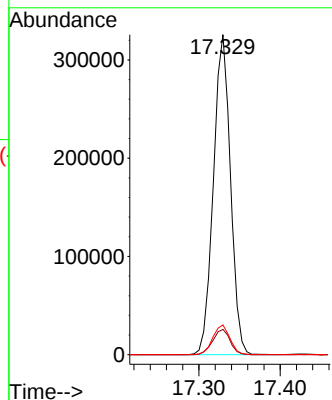
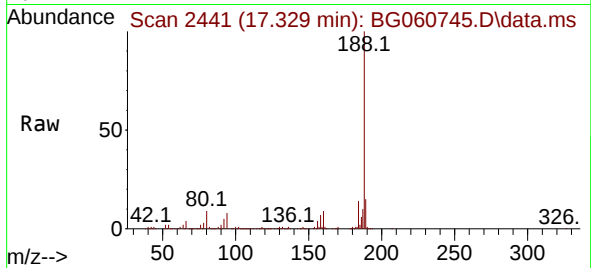




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.329 min Scan# 2442
Delta R.T. -0.009 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05

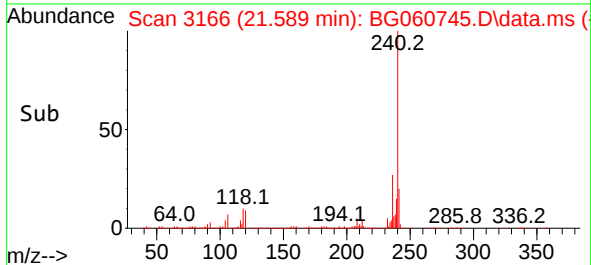
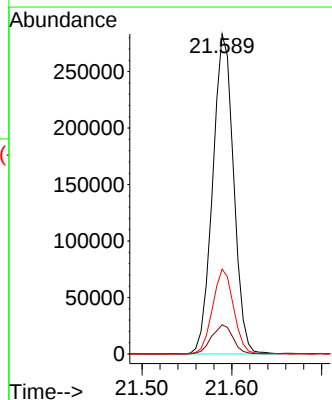
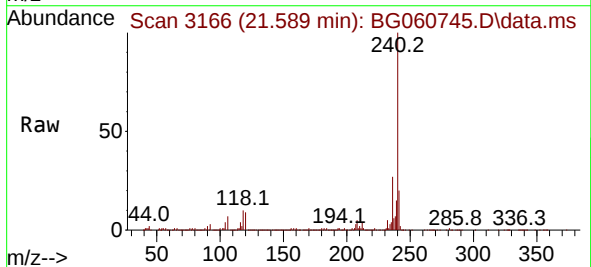
Instrument :
BNA_G
ClientSampleId :
72-11991

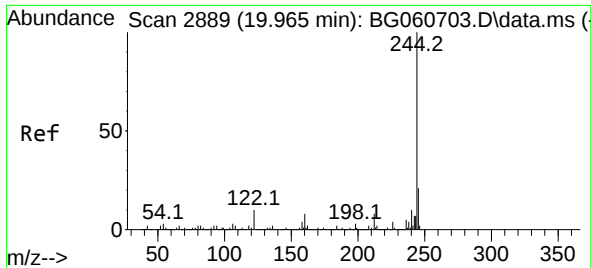
Tgt Ion:188 Resp: 474676
Ion Ratio Lower Upper
188 100
94 7.9 6.6 9.8
80 9.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3166
Delta R.T. -0.015 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05

Tgt Ion:240 Resp: 457540
Ion Ratio Lower Upper
240 100
120 9.1 7.1 10.7
236 26.5 20.7 31.1



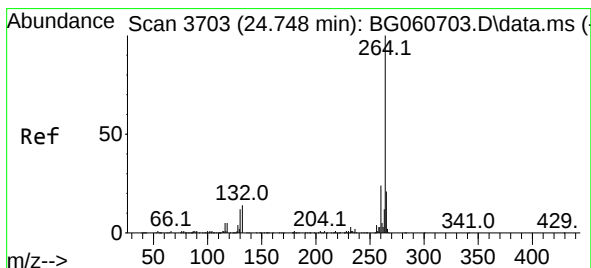
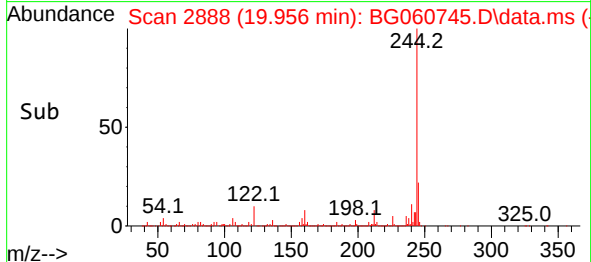
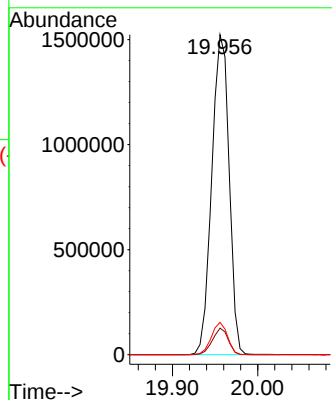
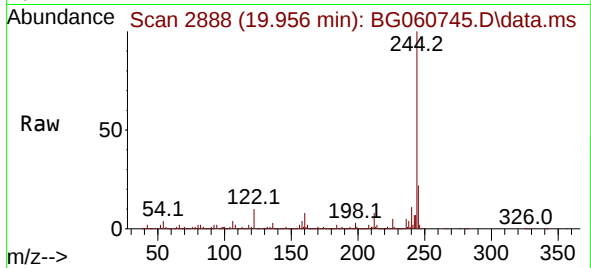


#79
 Terphenyl-d14
 Concen: 82.705 ng
 RT: 19.956 min Scan# 2149040
 Delta R.T. -0.009 min
 Lab File: BG060745.D
 Acq: 2 Apr 2024 20:05

Instrument :
 BNA_G
 ClientSampleId :
 72-11991

Tgt Ion:244 Resp: 2149040

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	10.1	7.8	11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.727 min Scan# 3700
 Delta R.T. -0.021 min
 Lab File: BG060745.D
 Acq: 2 Apr 2024 20:05

Tgt Ion:264 Resp: 535686

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	21.5	16.9	25.3

