

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101221\
 Data File : BG050562.D
 Acq On : 12 Oct 2021 21:15
 Operator : CG/JU
 Sample : M4169-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-RR-03-(SA)

Quant Time: Oct 13 04:43:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.260	152	47310	20.00	ng	0.00
21) Naphthalene-d8	11.080	136	214239	20.00	ng	# 0.00
39) Acenaphthene-d10	14.876	164	145116	20.00	ng	0.00
64) Phenanthrene-d10	17.620	188	301143	20.00	ng	# 0.00
76) Chrysene-d12	21.915	240	264402	20.00	ng	# 0.00
86) Perylene-d12	25.328	264	258313	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.798	112	212909	67.30	ng	0.00
7) Phenol-d6	7.396	99	191426	41.80	ng	0.00
23) Nitrobenzene-d5	9.429	82	451582	87.26	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	166831	120.53	ng	0.00
45) 2-Fluorobiphenyl	13.501	172	802805	83.26	ng	0.00
79) Terphenyl-d14	20.205	244	1107541	81.63	ng	0.00

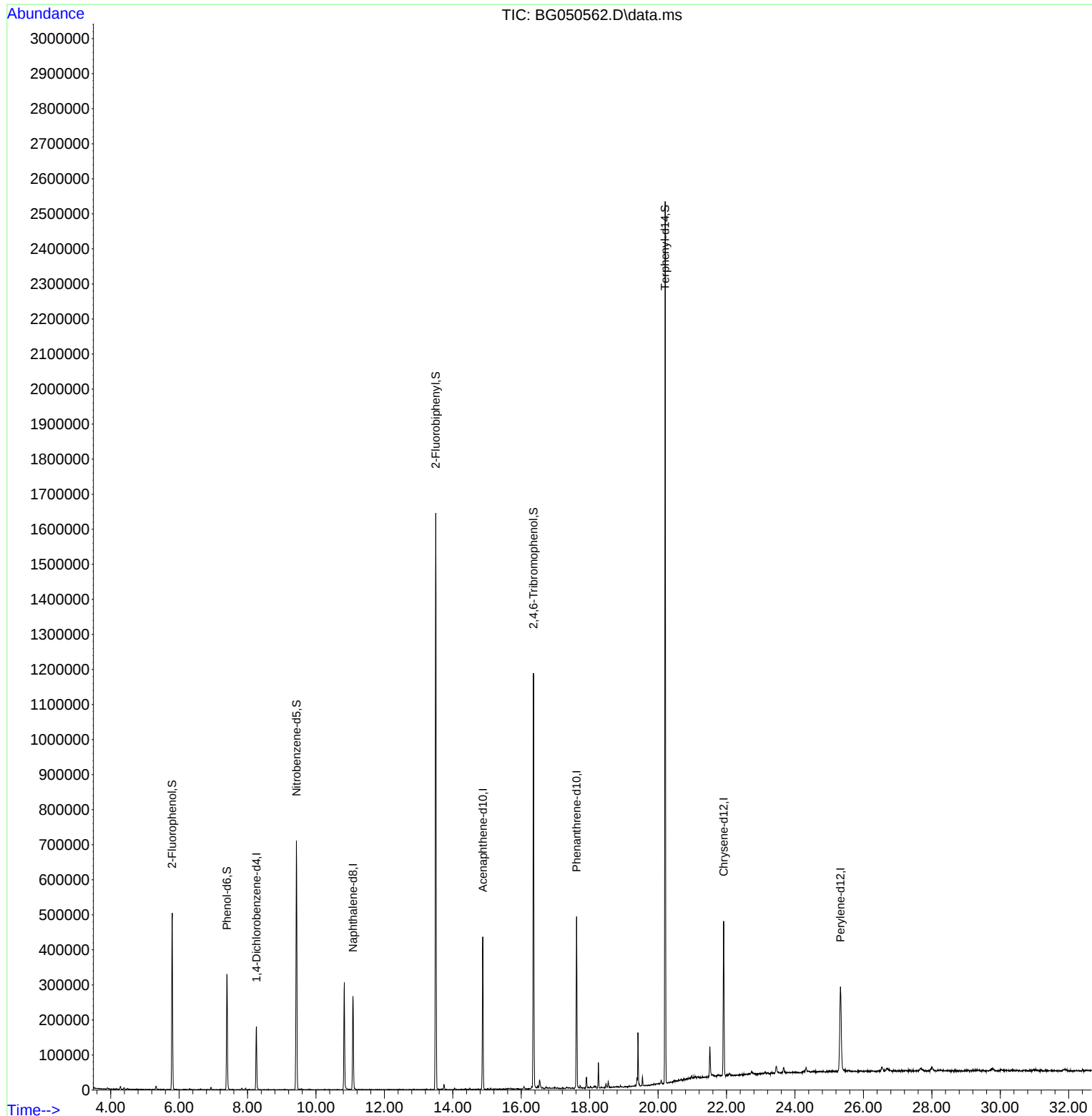
Target Compounds	Qvalue

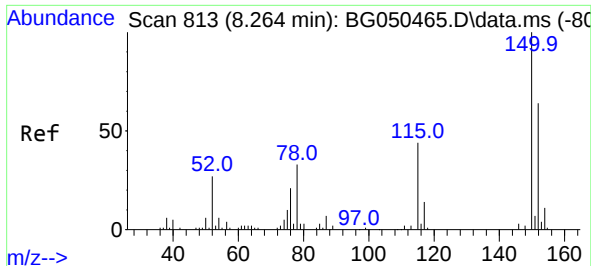
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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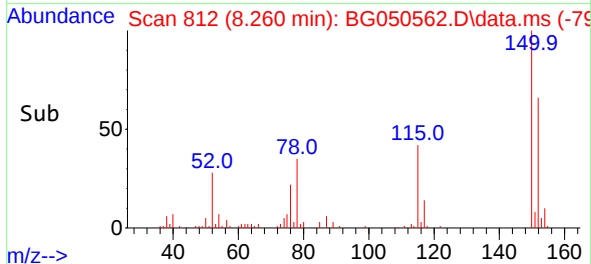
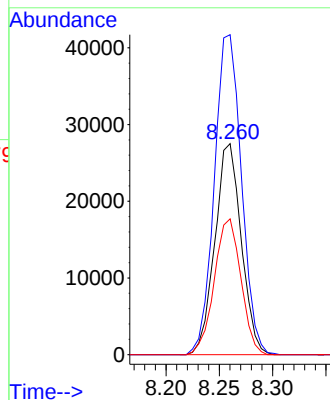
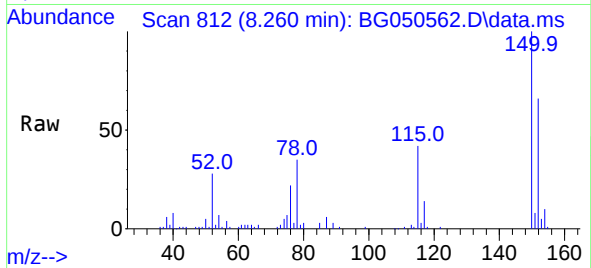




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.260 min Scan# 812
Delta R.T. -0.004 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

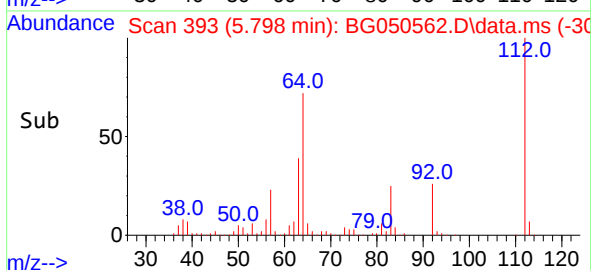
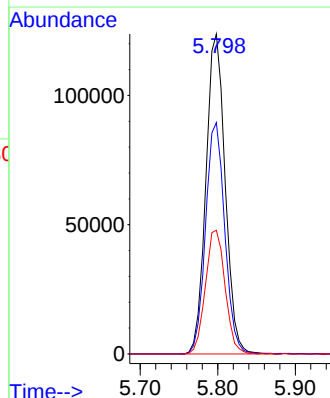
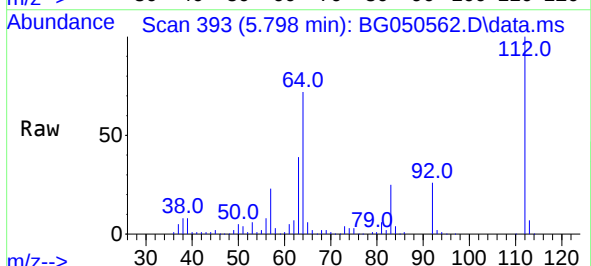
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

Tgt Ion:152 Resp: 47310
Ion Ratio Lower Upper
152 100
150 151.7 119.4 179.0
115 64.4 60.2 90.4



#5
2-Fluorophenol
Concen: 67.30 ng
RT: 5.798 min Scan# 393
Delta R.T. 0.008 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

Tgt Ion:112 Resp: 212909
Ion Ratio Lower Upper
112 100
64 72.3 46.7 70.1#
63 38.6 35.3 52.9

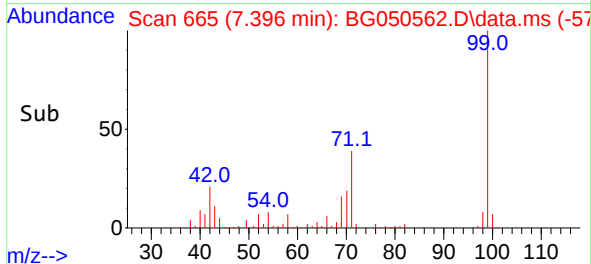
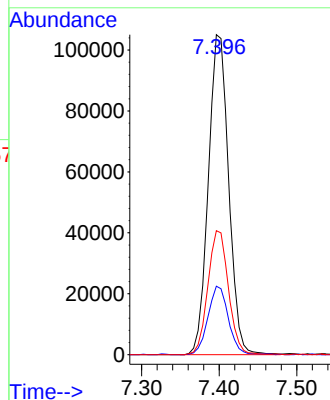
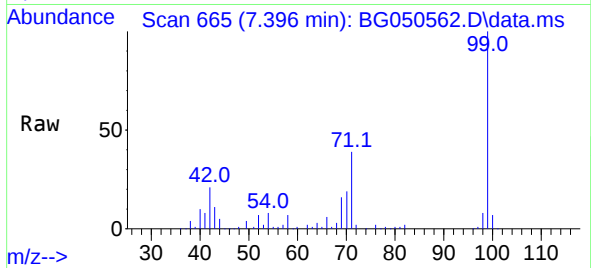




#7
Phenol-d6
Concen: 41.80 ng
RT: 7.396 min Scan# 665
Delta R.T. 0.002 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

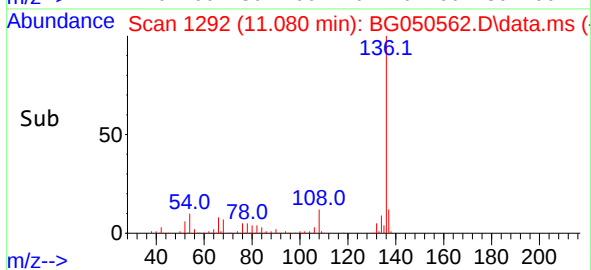
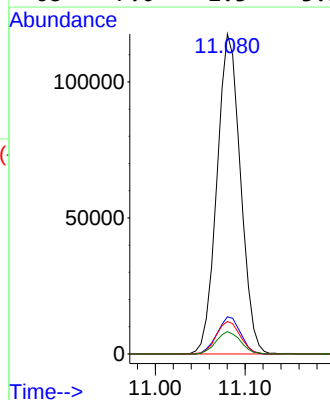
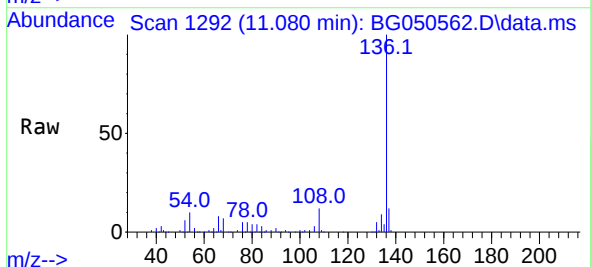
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

Tgt Ion: 99 Resp: 191426
Ion Ratio Lower Upper
99 100
42 21.4 20.5 30.7
71 38.8 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.080 min Scan# 1292
Delta R.T. -0.009 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

Tgt Ion: 136 Resp: 214239
Ion Ratio Lower Upper
136 100
137 11.6 8.2 12.2
54 10.2 5.5 8.3#
68 7.0 2.3 3.5#



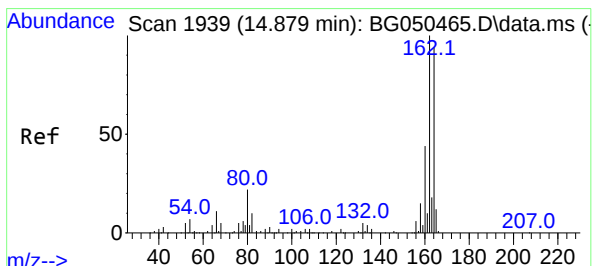
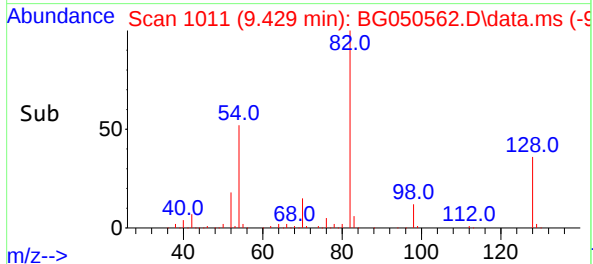
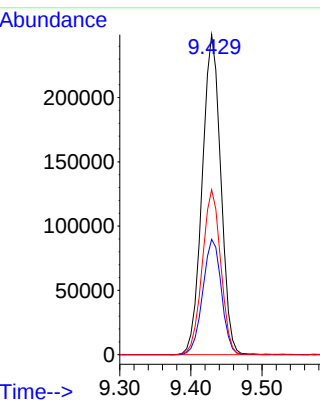
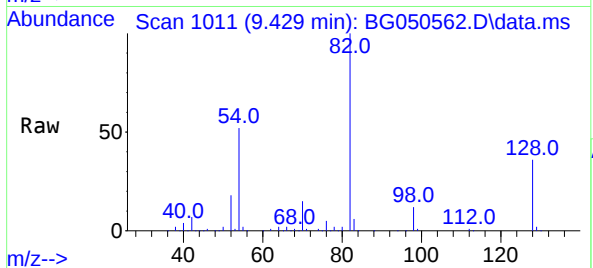


#23
Nitrobenzene-d5
Concen: 87.26 ng
RT: 9.429 min Scan# 1011
Delta R.T. -0.004 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

Tgt Ion: 82 Resp: 451582

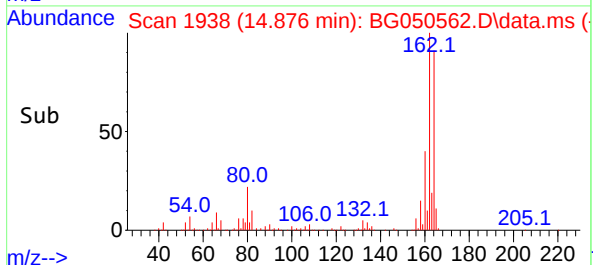
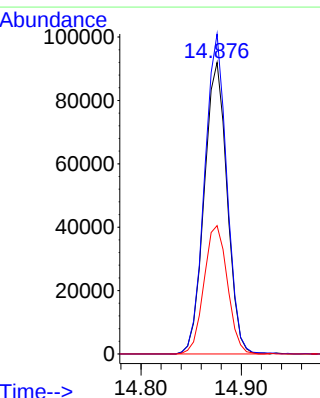
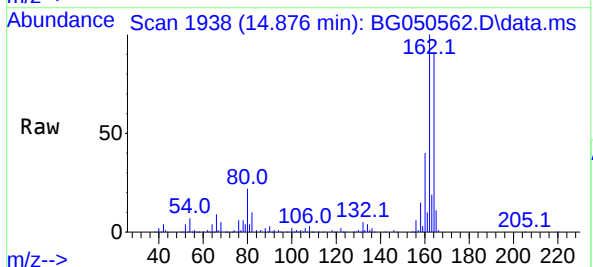
Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.8	44.6
54	51.6	45.8	68.8

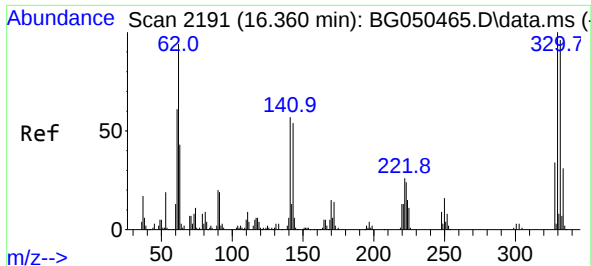


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.876 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

Tgt Ion: 164 Resp: 145116

Ion	Ratio	Lower	Upper
164	100		
162	109.8	81.4	122.0
160	44.0	34.9	52.3

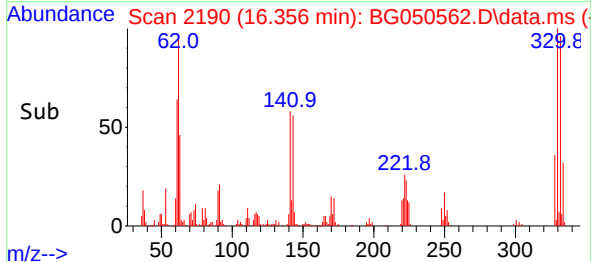
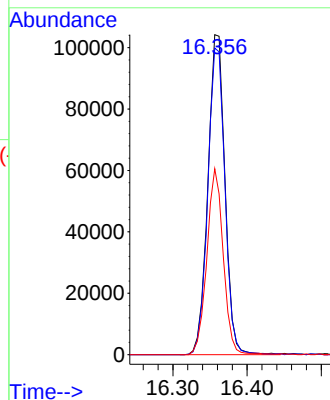
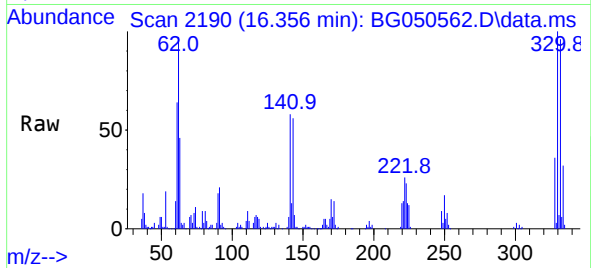




#42
2,4,6-Tribromophenol
Concen: 120.53 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

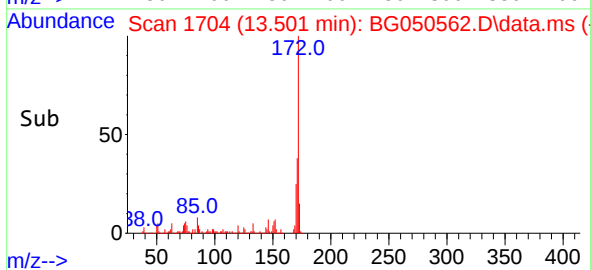
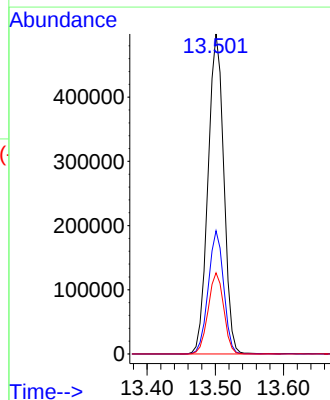
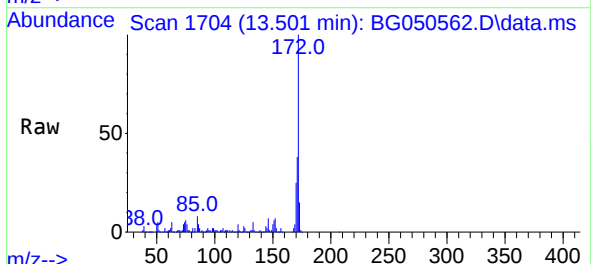
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

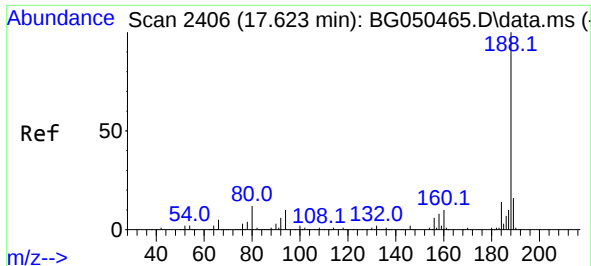
Tgt Ion:330 Resp: 166831
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 55.8 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 83.26 ng
RT: 13.501 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

Tgt Ion:172 Resp: 802805
Ion Ratio Lower Upper
172 100
171 38.5 28.6 43.0
170 25.4 18.6 27.8

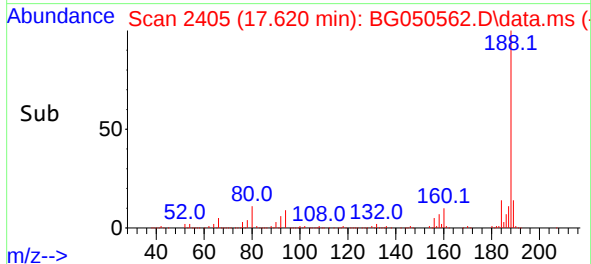
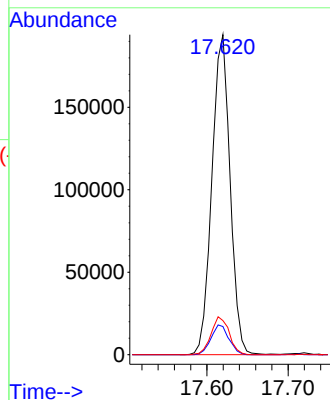
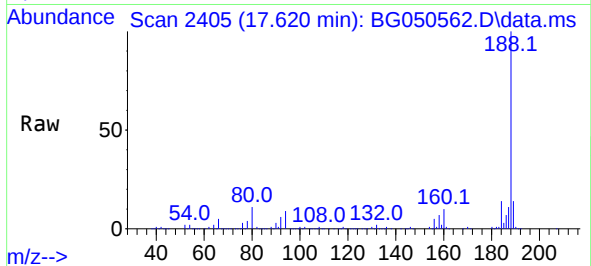




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.620 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

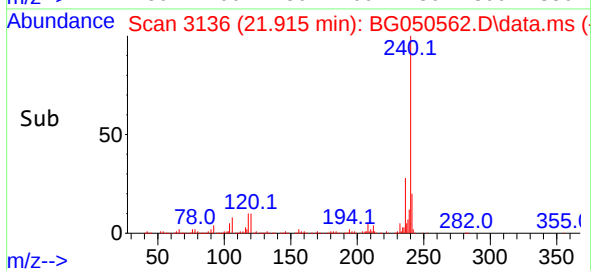
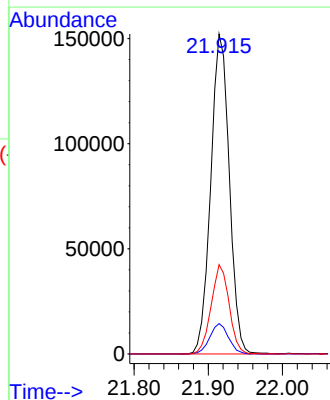
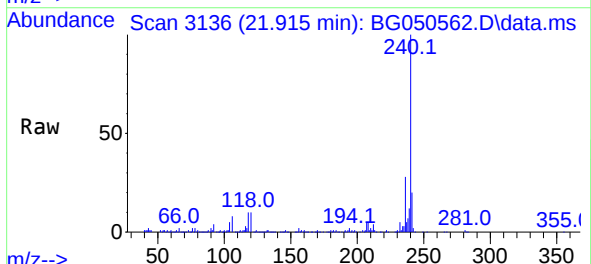
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

Tgt Ion:188 Resp: 301143
Ion Ratio Lower Upper
188 100
94 8.8 5.4 8.0#
80 10.7 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.915 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BG050562.D
Acq: 12 Oct 2021 21:15

Tgt Ion:240 Resp: 264402
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.2#
236 27.9 21.8 32.6

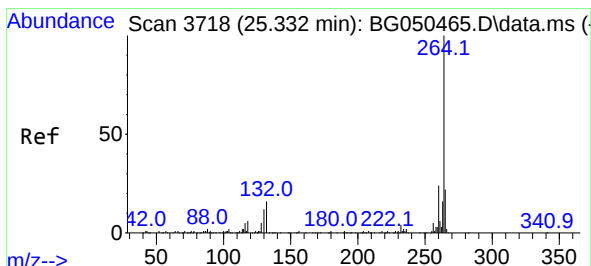
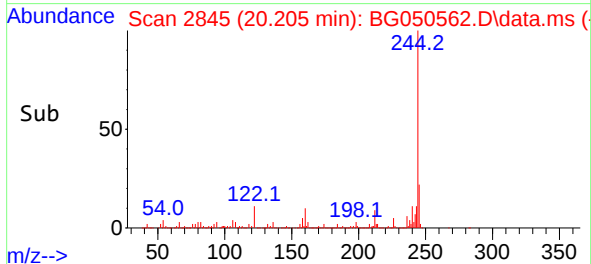
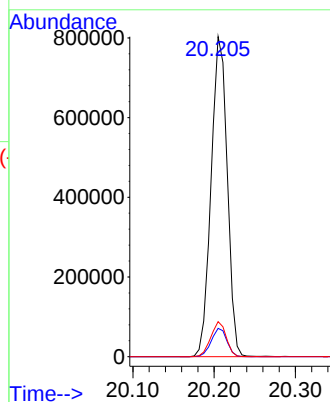
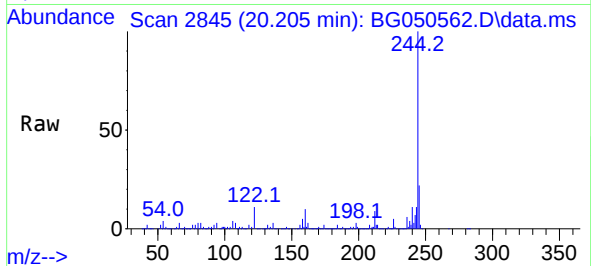




#79
 Terphenyl-d14
 Concen: 81.63 ng
 RT: 20.205 min Scan# 2845
 Delta R.T. -0.004 min
 Lab File: BG050562.D
 Acq: 12 Oct 2021 21:15

Instrument :
 BNA_G
 ClientSampleId :
 SW-RR-03-(SA)

Tgt Ion:244 Resp: 1107541
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.9 10.3
 122 10.9 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.328 min Scan# 3717
 Delta R.T. -0.004 min
 Lab File: BG050562.D
 Acq: 12 Oct 2021 21:15

Tgt Ion:264 Resp: 258313
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.4 16.9 25.3

