

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
 Data File : BG050692.D
 Acq On : 22 Oct 2021 16:54
 Operator : CG/JU
 Sample : M4313-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124027

Quant Time: Oct 22 17:38:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

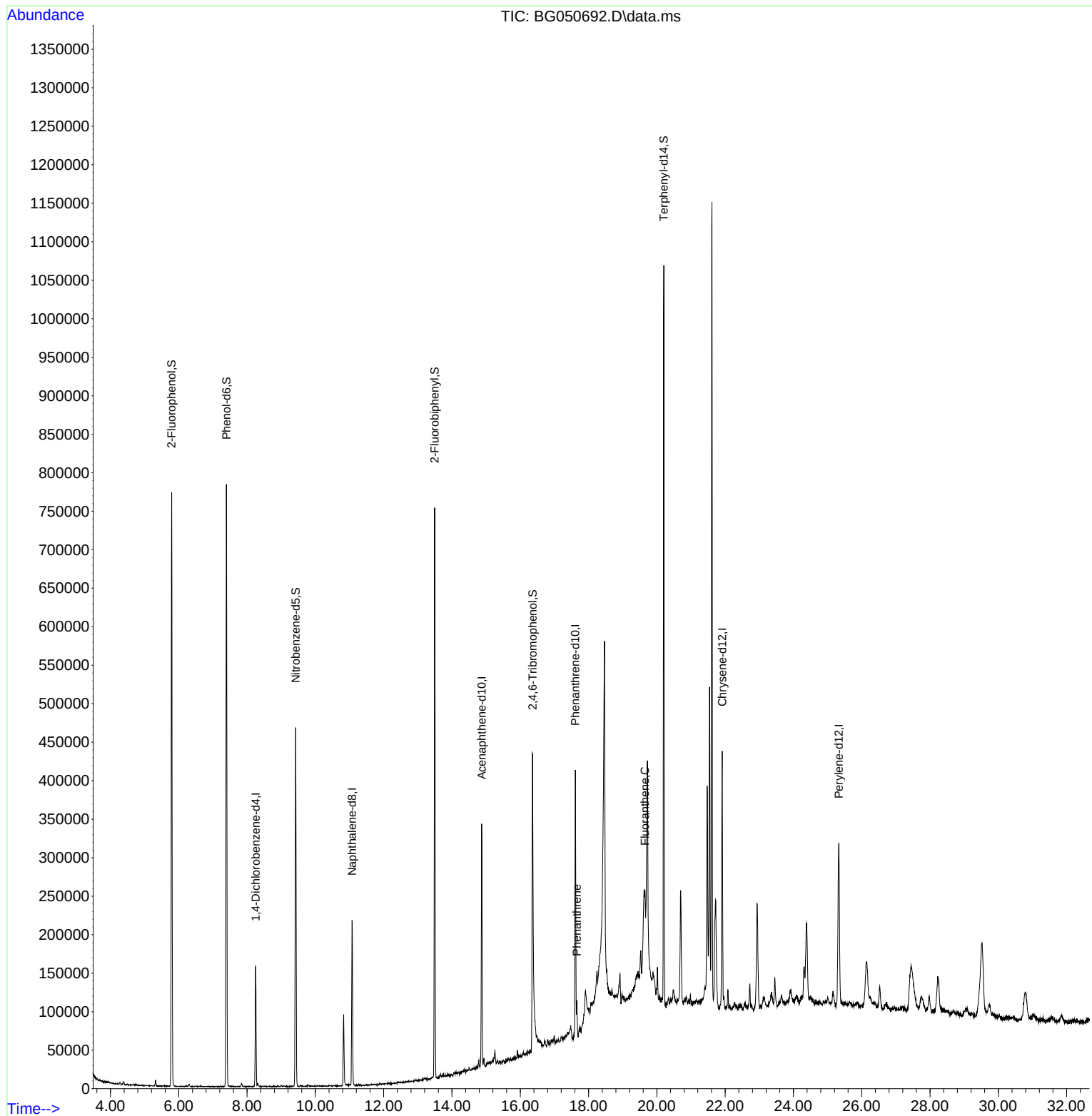
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	41804	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	179315	20.000	ng	#-0.01
39) Acenaphthene-d10	14.869	164	110047	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	214189	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	194409	20.000	ng	#-0.01
86) Perylene-d12	25.327	264	193968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	327380	117.120	ng	0.00
7) Phenol-d6	7.395	99	436482	107.852	ng	0.00
23) Nitrobenzene-d5	9.422	82	300030	69.263	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	97202	92.604	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	358173	48.985	ng	-0.01
79) Terphenyl-d14	20.204	244	424408	42.544	ng	0.00
Target Compounds						
71) Phenanthrene	17.660	178	27122	2.403	ng	# 94
75) Fluoranthene	19.651	202	29376	2.117	ng	92

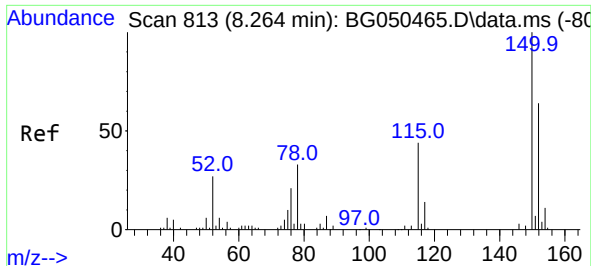
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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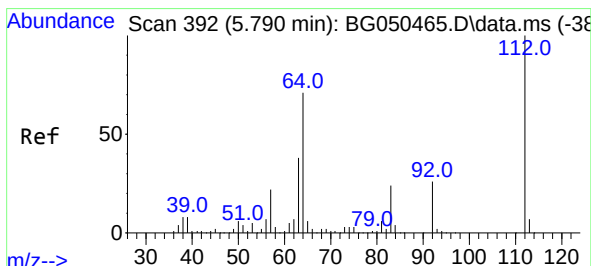
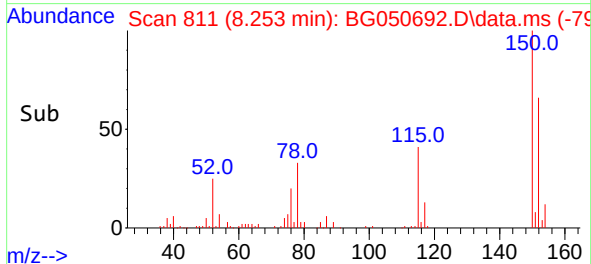
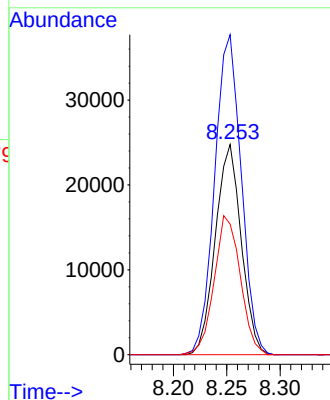
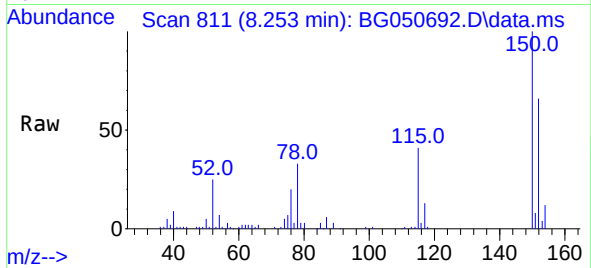




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

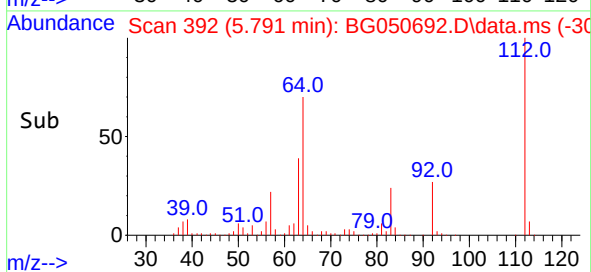
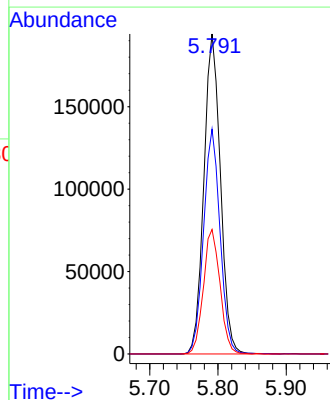
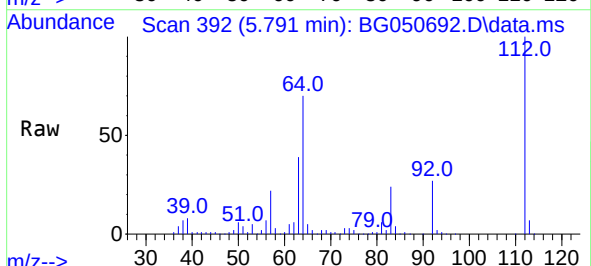
Instrument :
BNA_G
ClientSampleId :
124027

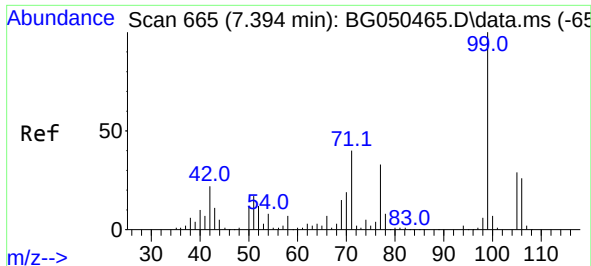
Tgt Ion:152 Resp: 41804
Ion Ratio Lower Upper
152 100
150 152.2 119.4 179.0
115 62.1 60.2 90.4



#5
2-Fluorophenol
Concen: 117.120 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

Tgt Ion:112 Resp: 327380
Ion Ratio Lower Upper
112 100
64 70.3 46.7 70.1#
63 38.9 35.3 52.9

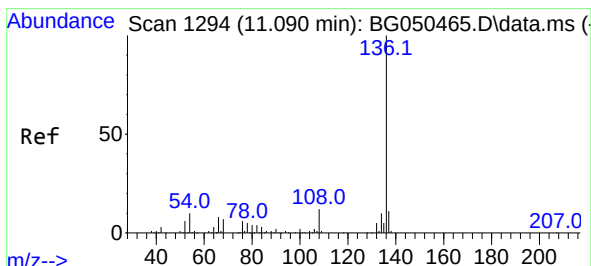
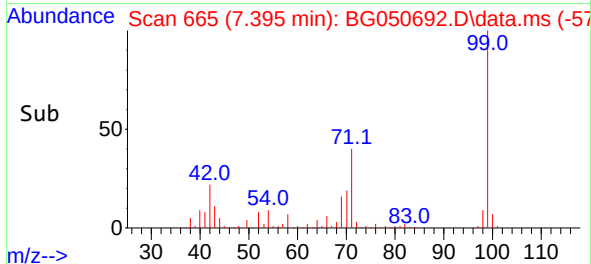
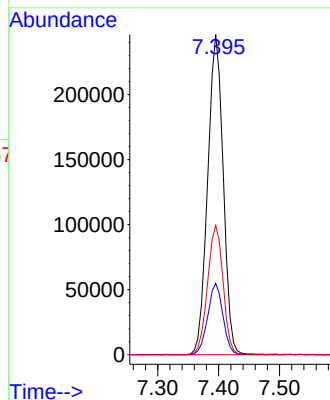
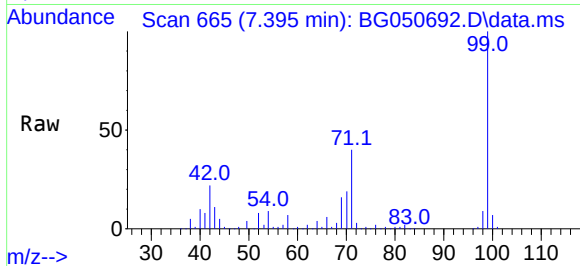




#7
Phenol-d6
Concen: 107.852 ng
RT: 7.395 min Scan# 665
Delta R.T. -0.005 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

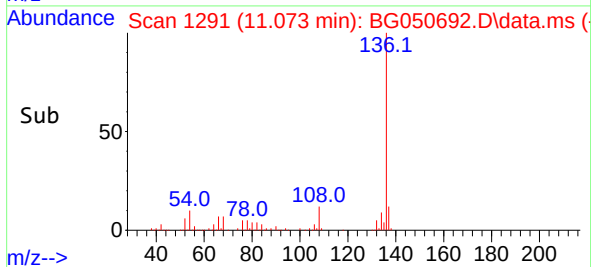
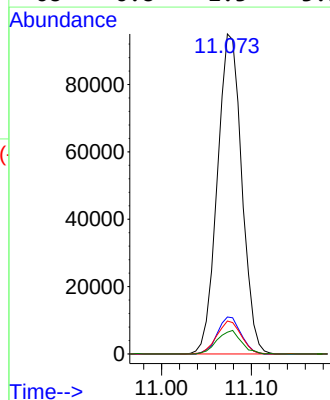
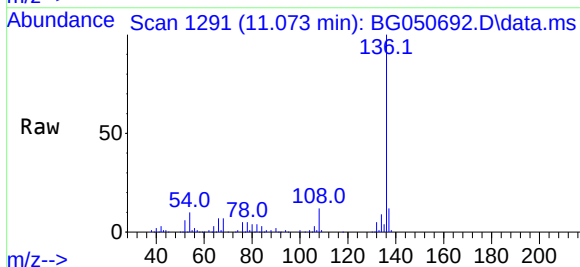
Instrument :
BNA_G
ClientSampleId :
124027

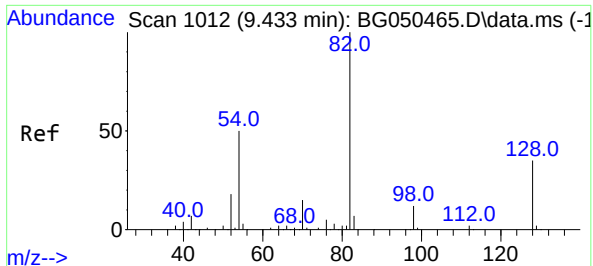
Tgt Ion: 99 Resp: 436482
Ion Ratio Lower Upper
99 100
42 22.3 20.5 30.7
71 40.4 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1291
Delta R.T. -0.011 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

Tgt Ion: 136 Resp: 179315
Ion Ratio Lower Upper
136 100
137 11.6 8.2 12.2
54 10.3 5.5 8.3#
68 6.8 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 69.263 ng

RT: 9.422 min Scan# 1010

Delta R.T. -0.005 min

Lab File: BG050692.D

Acq: 22 Oct 2021 16:54

Tgt Ion: 82 Resp: 300030

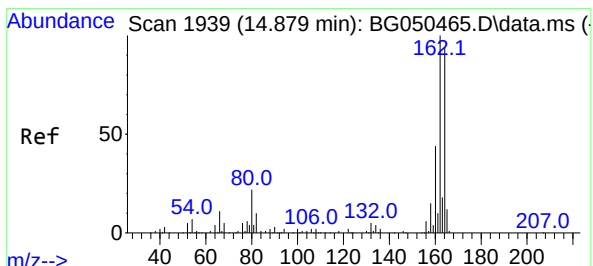
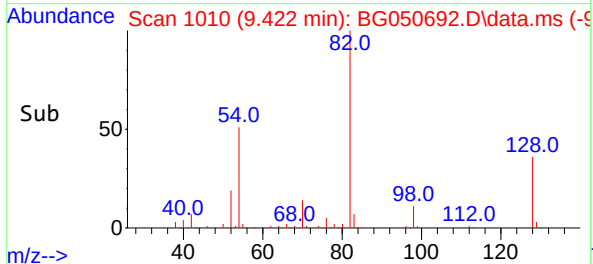
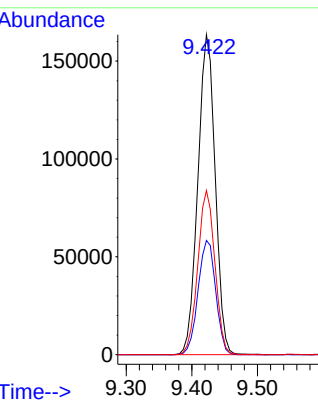
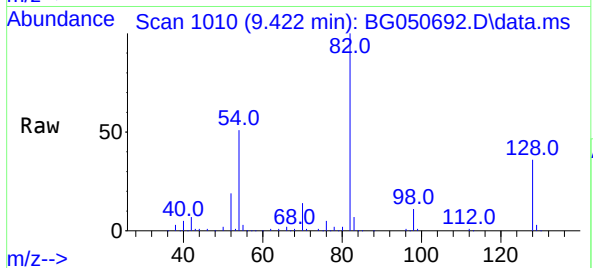
Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.8	44.6
54	51.3	45.8	68.8

Instrument :

BNA_G

ClientSampleId :

124027



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.869 min Scan# 1937

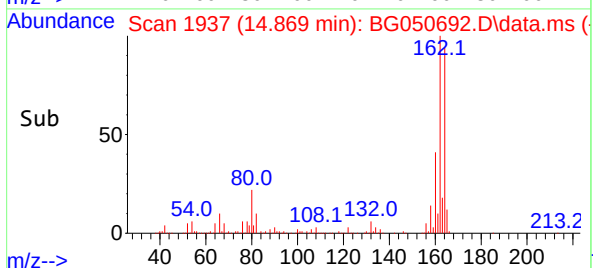
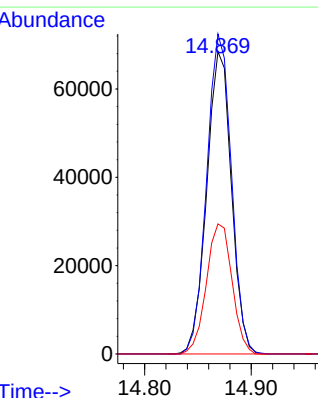
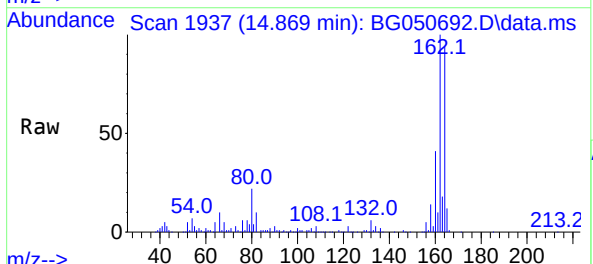
Delta R.T. -0.005 min

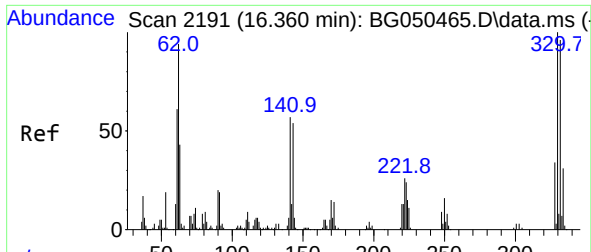
Lab File: BG050692.D

Acq: 22 Oct 2021 16:54

Tgt Ion:164 Resp: 110047

Ion	Ratio	Lower	Upper
164	100		
162	105.8	81.4	122.0
160	43.0	34.9	52.3

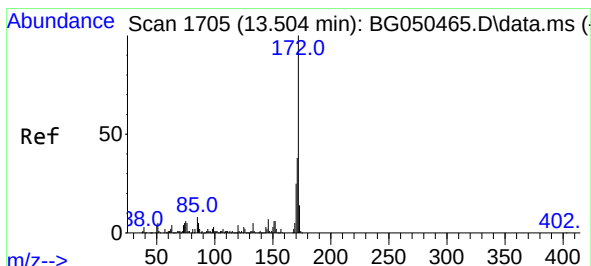
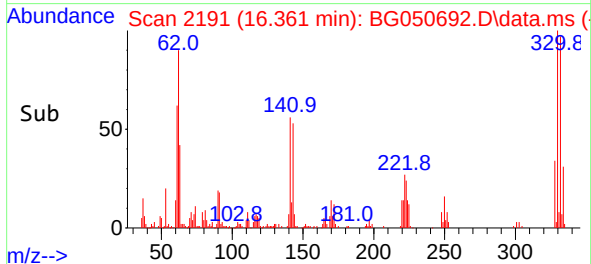
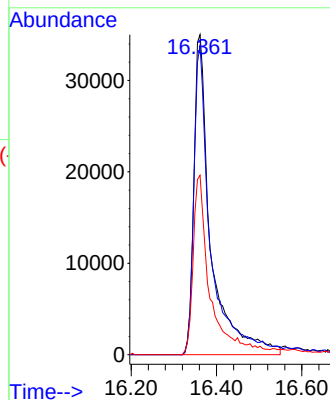
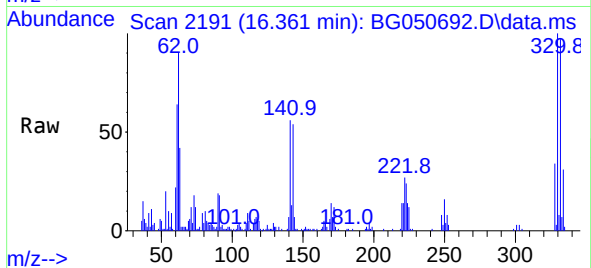




#42
2,4,6-Tribromophenol
Concen: 92.604 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

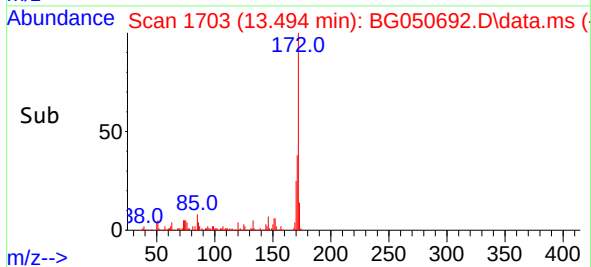
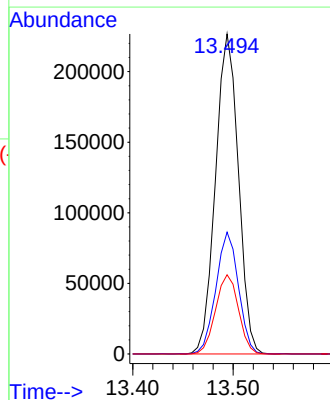
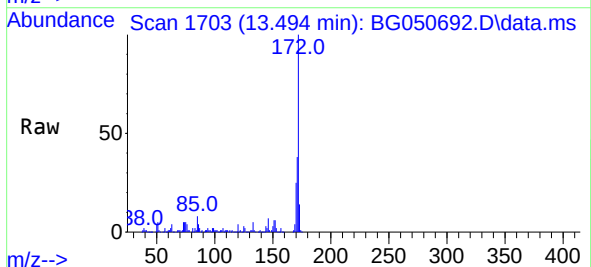
Instrument :
BNA_G
ClientSampleId :
124027

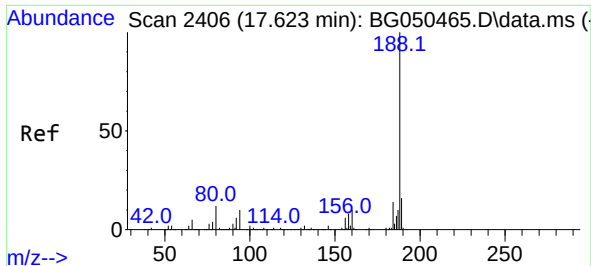
Tgt Ion:330 Resp: 97202
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 55.5 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 48.985 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

Tgt Ion:172 Resp: 358173
Ion Ratio Lower Upper
172 100
171 38.0 28.6 43.0
170 24.7 18.6 27.8

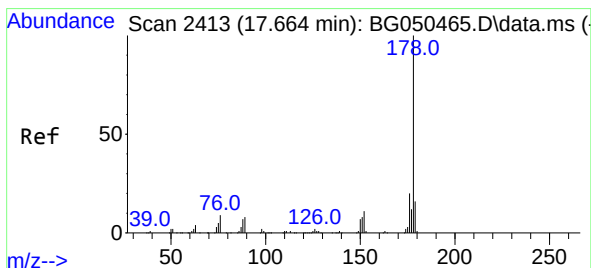
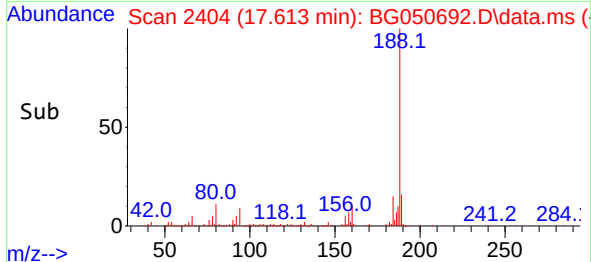
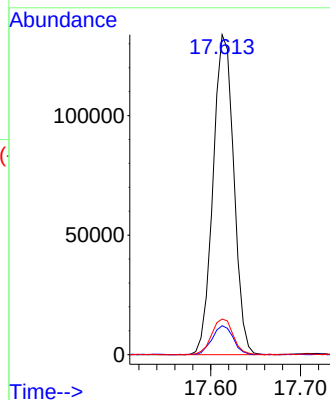
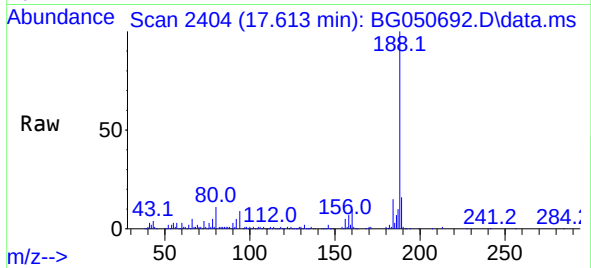




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

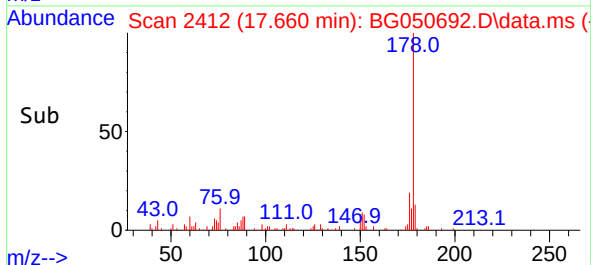
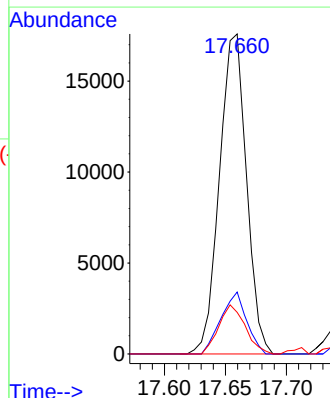
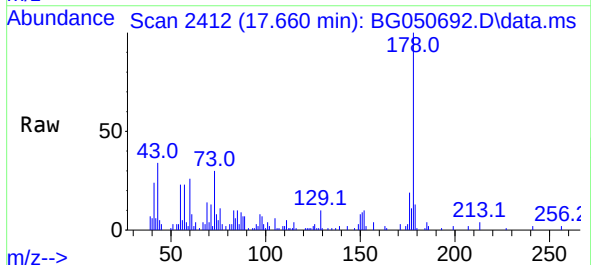
Instrument :
BNA_G
ClientSampleId :
124027

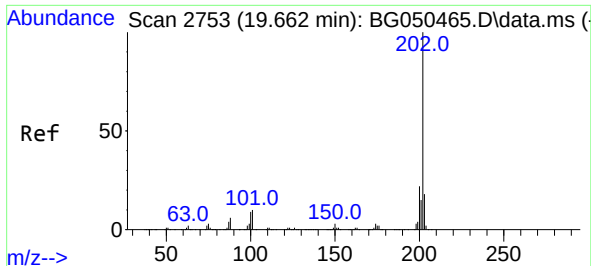
Tgt Ion:188 Resp: 214189
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 11.1 3.7 5.5#



#71
Phenanthrene
Concen: 2.403 ng
RT: 17.660 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

Tgt Ion:178 Resp: 27122
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 13.0 14.2 21.4#

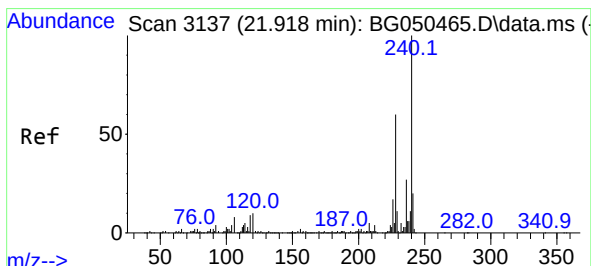
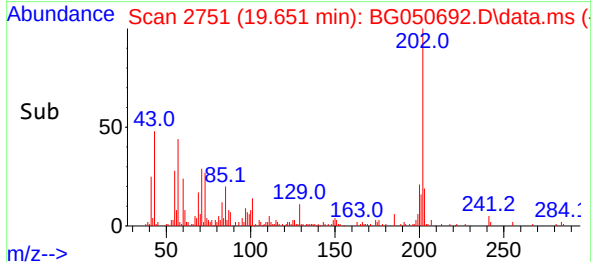
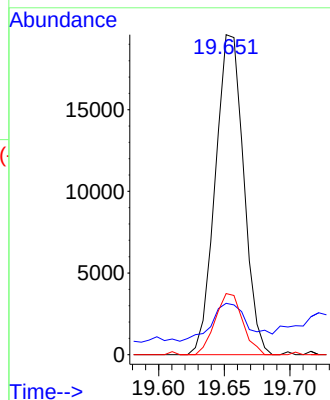
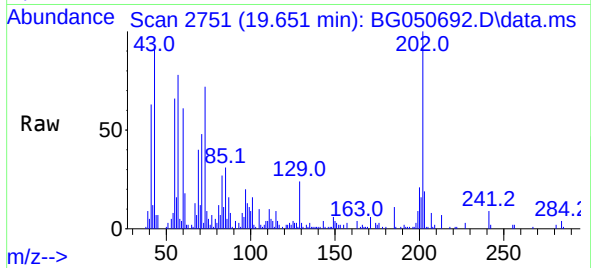




#75
Fluoranthene
Concen: 2.117 ng
RT: 19.651 min Scan# 2751
Delta R.T. -0.011 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

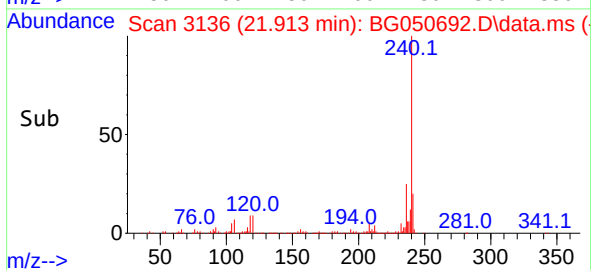
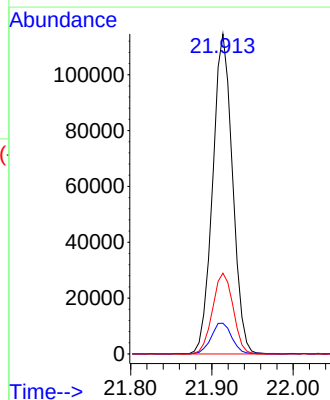
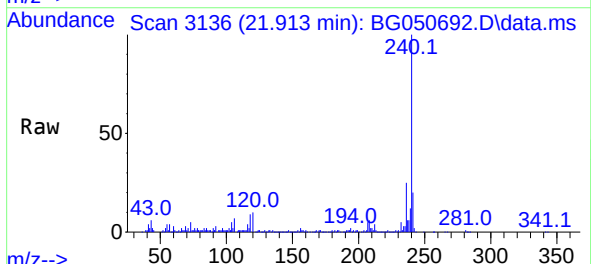
Instrument :
BNA_G
ClientSampleId :
124027

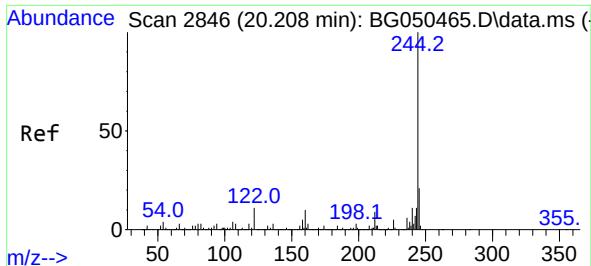
Tgt Ion:	202	Resp:	29376
Ion Ratio	Lower	Upper	
202	100		
101	16.0	0.0	24.7
203	19.1	0.0	38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.011 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

Tgt Ion:	240	Resp:	194409
Ion Ratio	Lower	Upper	
240	100		
120	9.6	4.2	6.2#
236	25.3	21.8	32.6

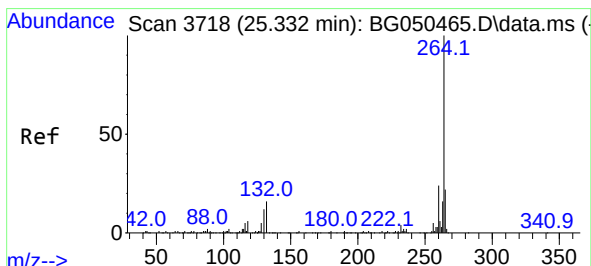
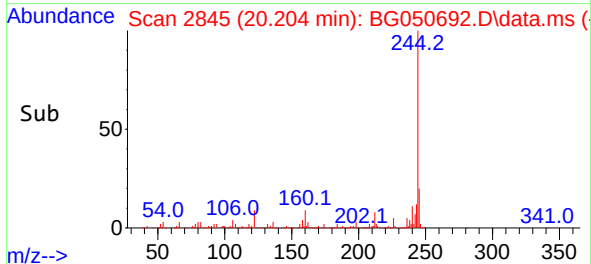
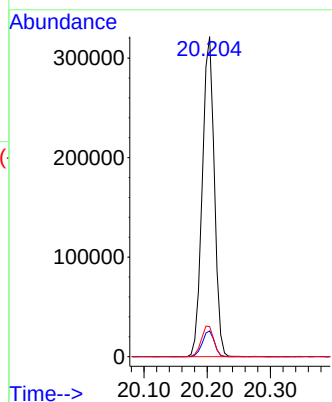
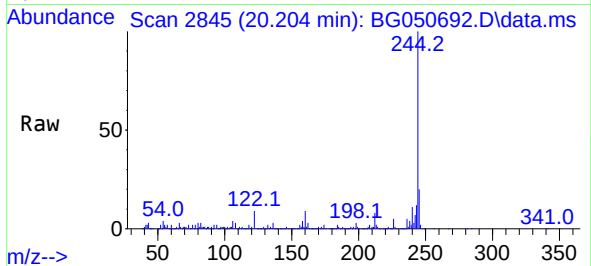




#79
 Terphenyl-d14
 Concen: 42.544 ng
 RT: 20.204 min Scan# 2845
 Delta R.T. -0.005 min
 Lab File: BG050692.D
 Acq: 22 Oct 2021 16:54

Instrument :
 BNA_G
 ClientSampleId :
 124027

Tgt Ion:244 Resp: 424408
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 9.4 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.327 min Scan# 3717
 Delta R.T. -0.005 min
 Lab File: BG050692.D
 Acq: 22 Oct 2021 16:54

Tgt Ion:264 Resp: 193968
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.4 29.2
 265 23.1 16.9 25.3

