

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
 Data File : BG052765.D
 Acq On : 21 Mar 2022 13:17
 Operator : CG/JU
 Sample : N1983-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124042

Quant Time: Mar 21 13:50:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

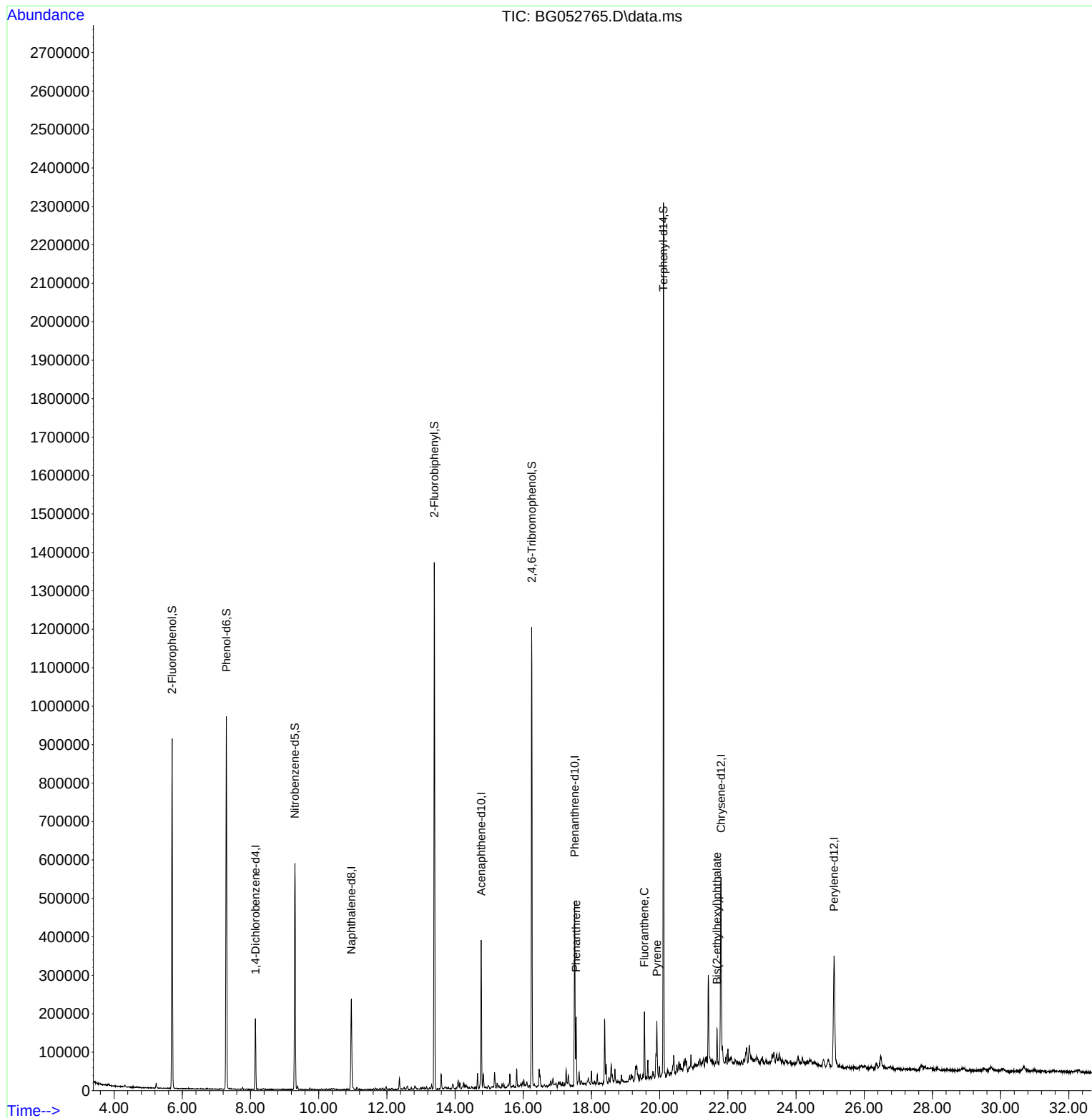
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	49187	20.000	ng	-0.01
21) Naphthalene-d8	10.960	136	198480	20.000	ng	#-0.01
39) Acenaphthene-d10	14.767	164	137860	20.000	ng	0.00
64) Phenanthrene-d10	17.510	188	300231	20.000	ng	0.00
76) Chrysene-d12	21.798	240	300359	20.000	ng	-0.01
86) Perylene-d12	25.117	264	316456	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	372781	131.987	ng	0.00
7) Phenol-d6	7.294	99	541390	127.145	ng	0.00
23) Nitrobenzene-d5	9.303	82	374377	94.670	ng	-0.01
42) 2,4,6-Tribromophenol	16.247	330	230772	124.575	ng	-0.01
45) 2-Fluorobiphenyl	13.392	172	717735	76.784	ng	-0.01
79) Terphenyl-d14	20.112	244	1078065	63.847	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.551	178	111353	6.933	ng	96
75) Fluoranthene	19.554	202	108354	5.315	ng	98
78) Pyrene	19.919	202	85895	4.123	ng	98
84) Bis(2-ethylhexyl)phtha...	21.681	149	38820	3.862	ng	# 90

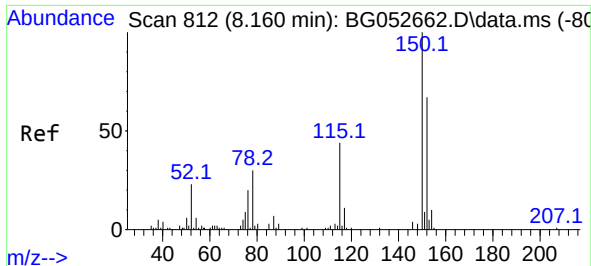
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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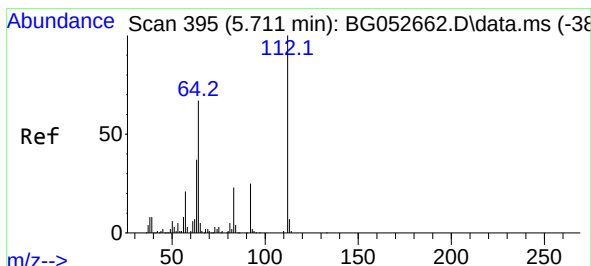
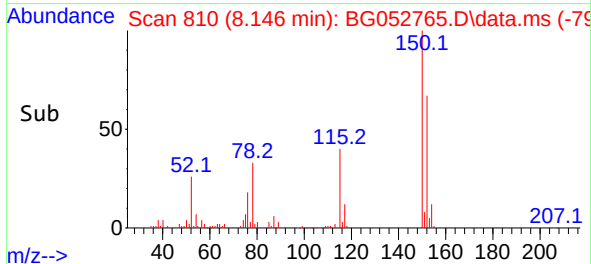
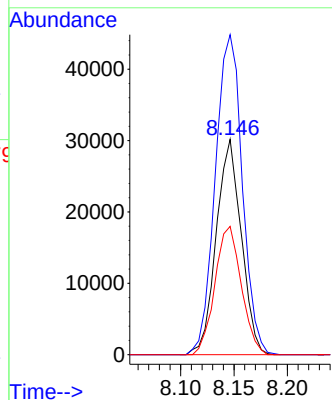
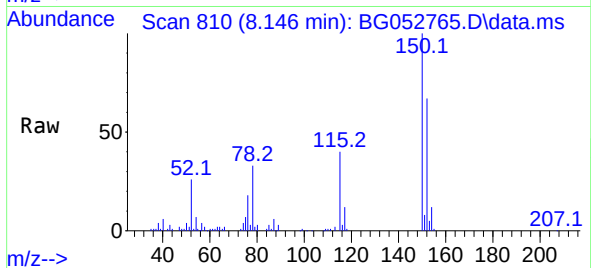




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 812
Delta R.T. -0.014 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

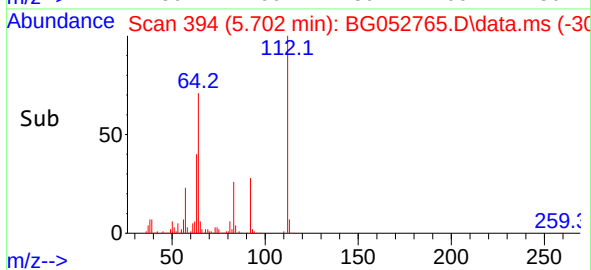
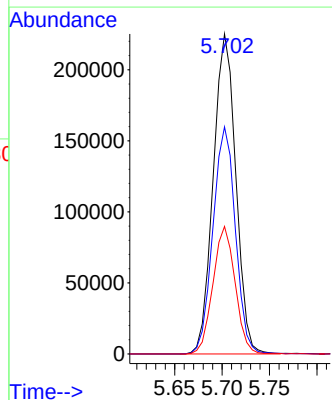
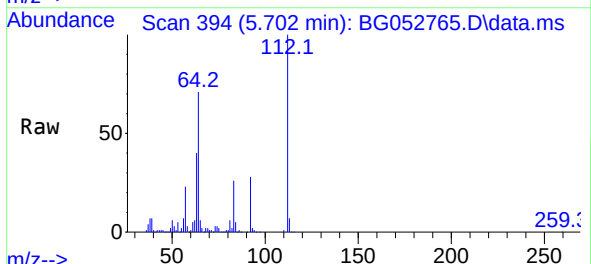
Instrument :
BNA_G
ClientSampleId :
124042

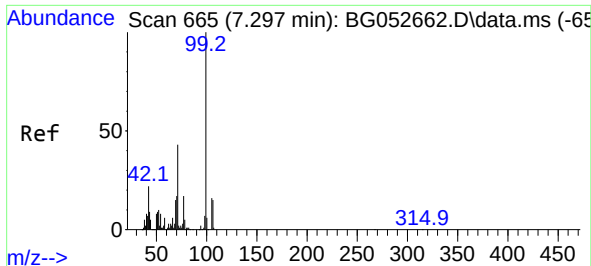
Tgt Ion:152 Resp: 49187
Ion Ratio Lower Upper
152 100
150 148.6 114.6 172.0
115 59.6 45.9 68.9



#5
2-Fluorophenol
Concen: 131.987 ng
RT: 5.702 min Scan# 394
Delta R.T. -0.008 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

Tgt Ion:112 Resp: 372781
Ion Ratio Lower Upper
112 100
64 71.0 48.0 72.0
63 39.8 26.5 39.7#

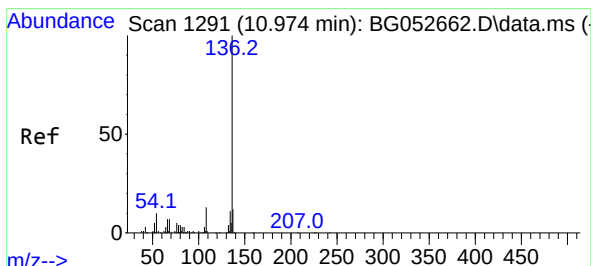
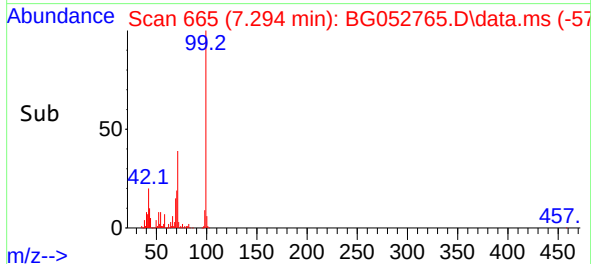
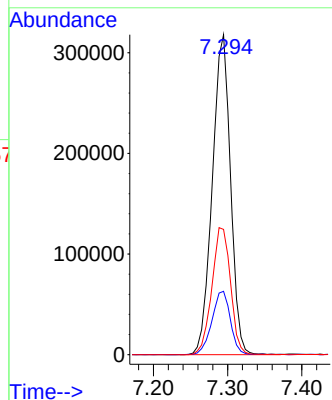
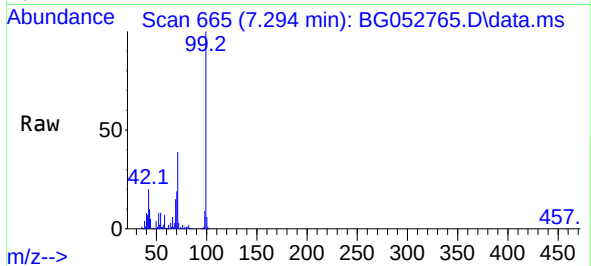




#7
Phenol-d6
Concen: 127.145 ng
RT: 7.294 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

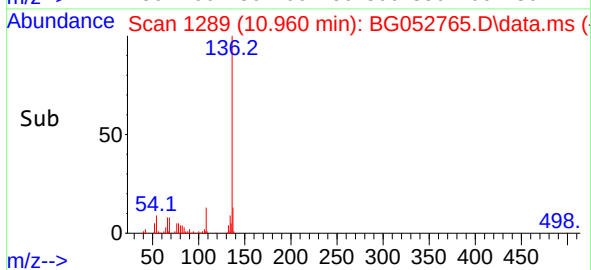
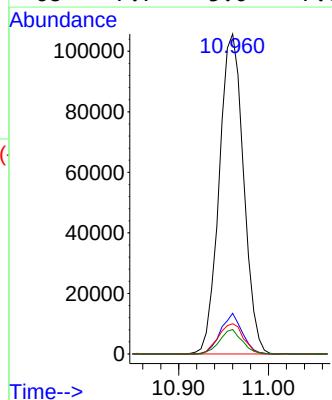
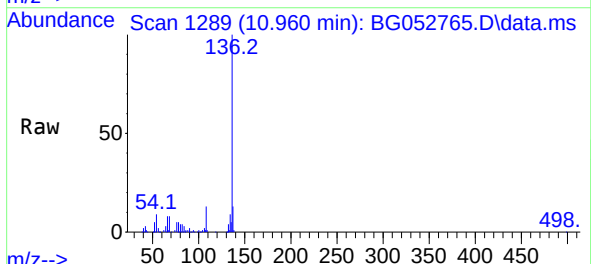
Instrument :
BNA_G
ClientSampleId :
124042

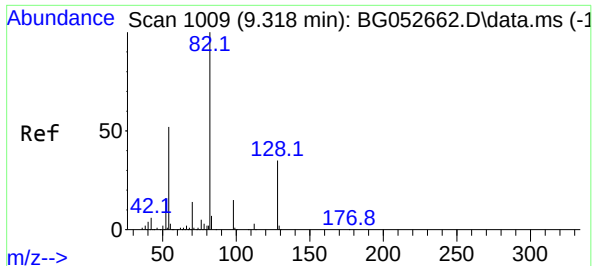
Tgt Ion: 99 Resp: 541390
Ion Ratio Lower Upper
99 100
42 19.8 14.7 22.1
71 39.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.960 min Scan# 1289
Delta R.T. -0.014 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

Tgt Ion:136 Resp: 198480
Ion Ratio Lower Upper
136 100
137 12.7 9.4 14.2
54 9.4 6.4 9.6
68 7.7 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 94.670 ng

RT: 9.303 min Scan# 1009

Delta R.T. -0.014 min

Lab File: BG052765.D

Acq: 21 Mar 2022 13:17

Instrument :

BNA_G

ClientSampleId :

124042

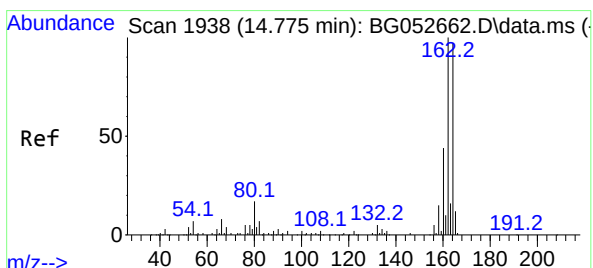
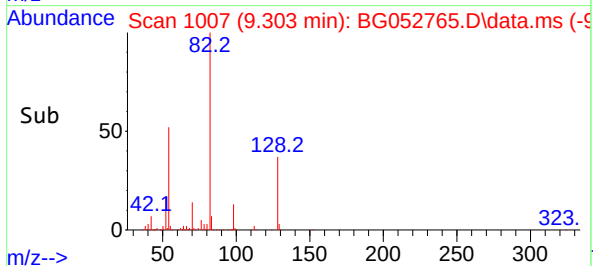
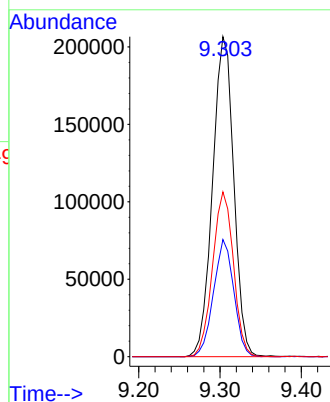
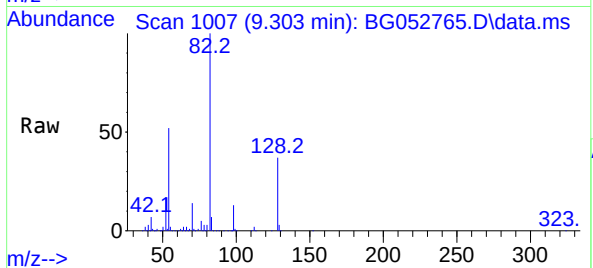
Tgt Ion: 82 Resp: 374377

Ion Ratio Lower Upper

82 100

128 36.6 31.3 46.9

54 51.5 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.767 min Scan# 1937

Delta R.T. -0.008 min

Lab File: BG052765.D

Acq: 21 Mar 2022 13:17

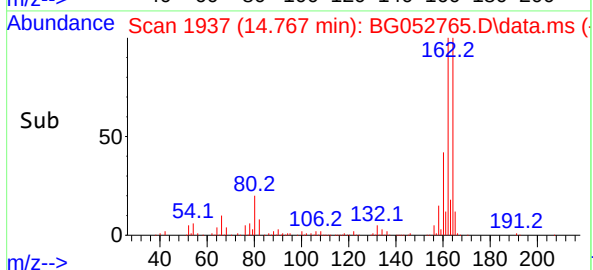
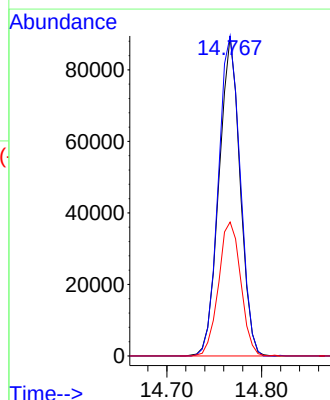
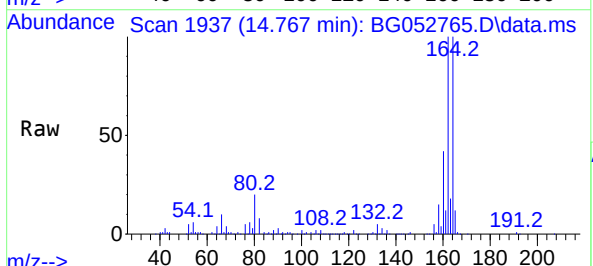
Tgt Ion: 164 Resp: 137860

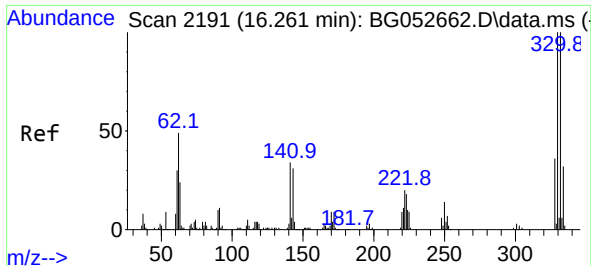
Ion Ratio Lower Upper

164 100

162 100.0 80.0 120.0

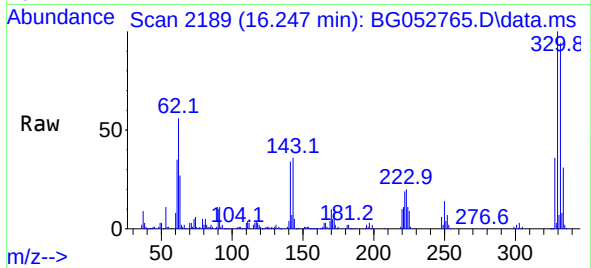
160 41.9 38.8 58.2



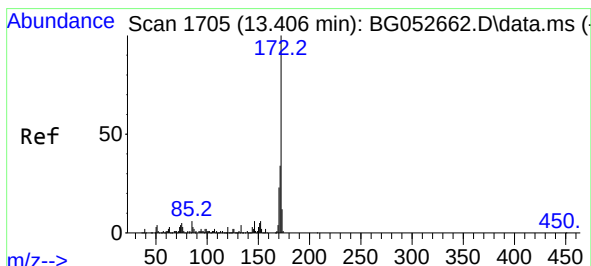
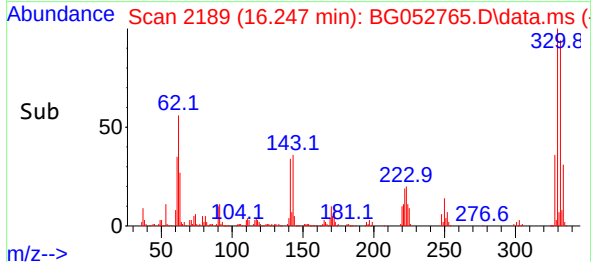
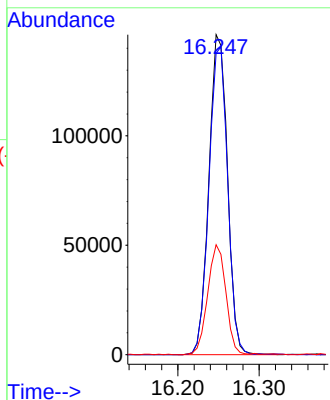


#42
2,4,6-Tribromophenol
Concen: 124.575 ng
RT: 16.247 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

Instrument :
BNA_G
ClientSampleId :
124042

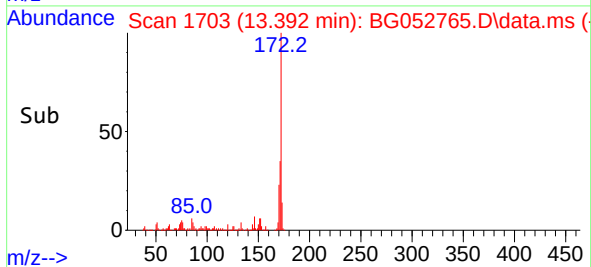
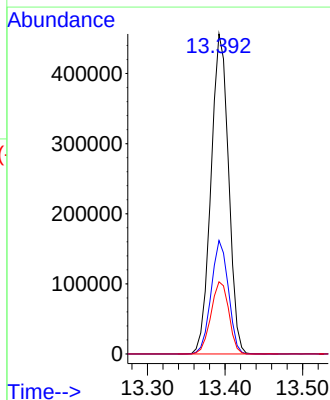
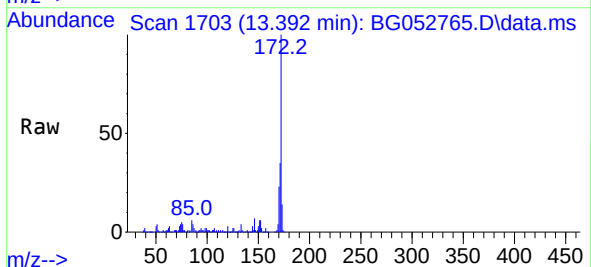


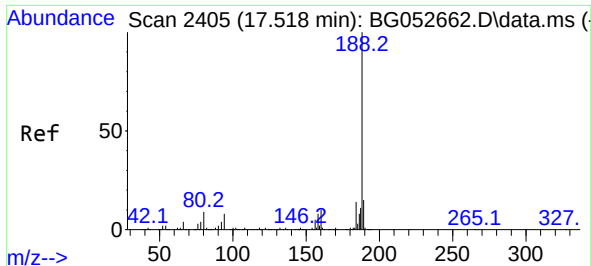
Tgt Ion:330 Resp: 230772
Ion Ratio Lower Upper
330 100
332 97.1 75.8 113.6
141 33.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 76.784 ng
RT: 13.392 min Scan# 1703
Delta R.T. -0.014 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

Tgt Ion:172 Resp: 717735
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 22.5 18.0 27.0

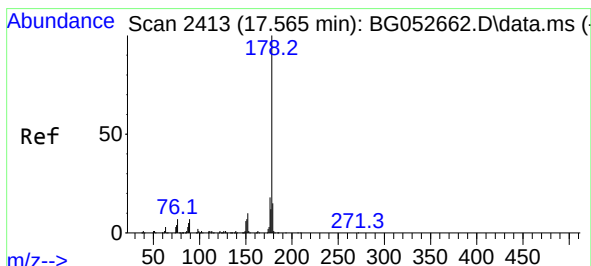
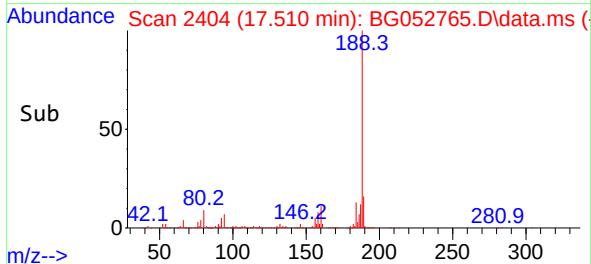
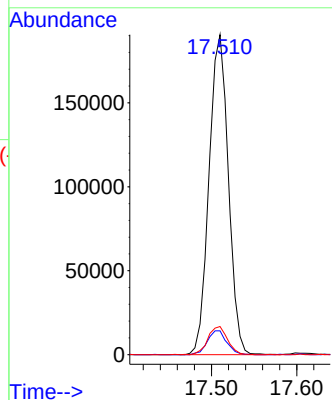
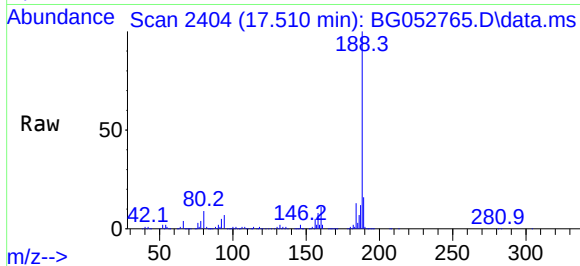




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.510 min Scan# 2411
Delta R.T. -0.008 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

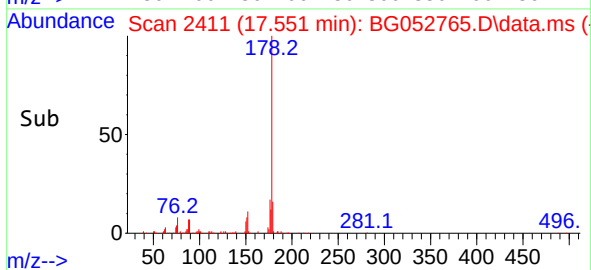
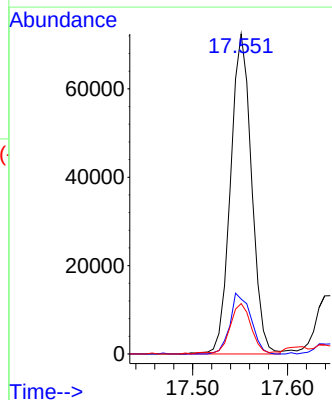
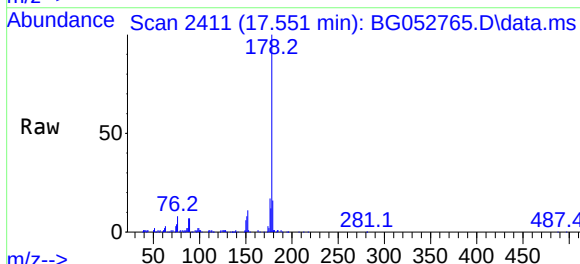
Instrument :
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ClientSampleId :
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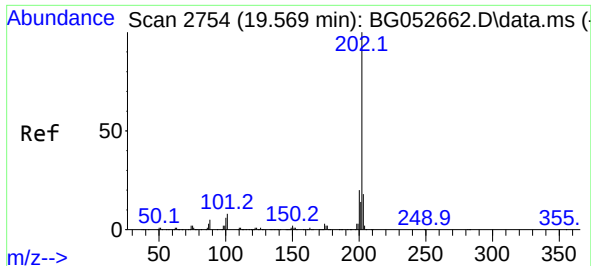
Tgt Ion:188 Resp: 300231
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 8.8 7.2 10.8



#71
Phenanthrene
Concen: 6.933 ng
RT: 17.551 min Scan# 2411
Delta R.T. -0.014 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

Tgt Ion:178 Resp: 111353
Ion Ratio Lower Upper
178 100
176 17.2 15.9 23.9
179 15.7 13.4 20.2

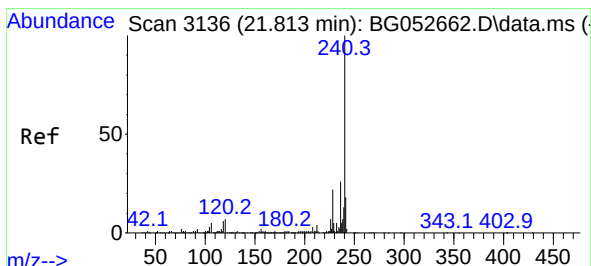
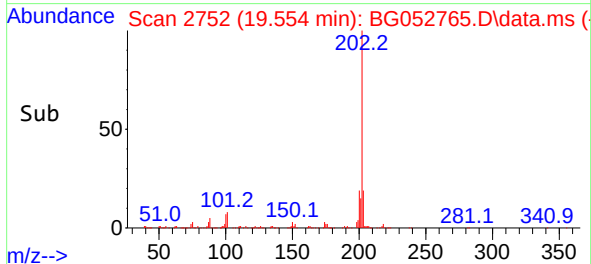
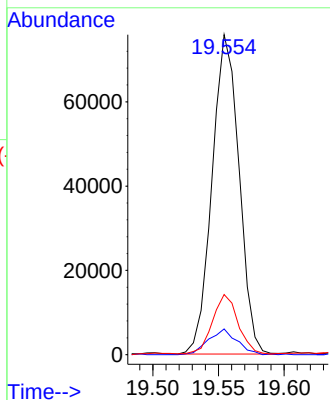
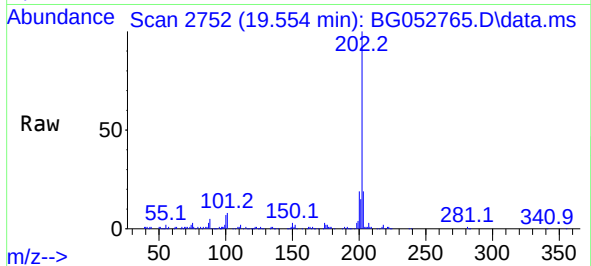




#75
Fluoranthene
Concen: 5.315 ng
RT: 19.554 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

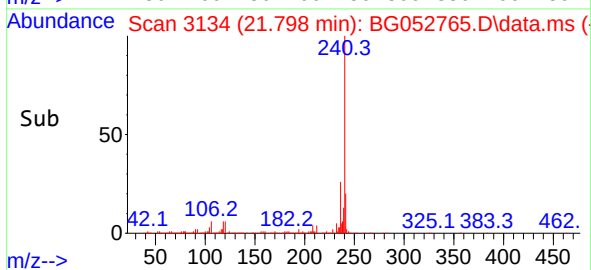
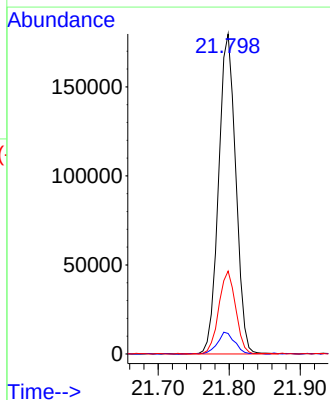
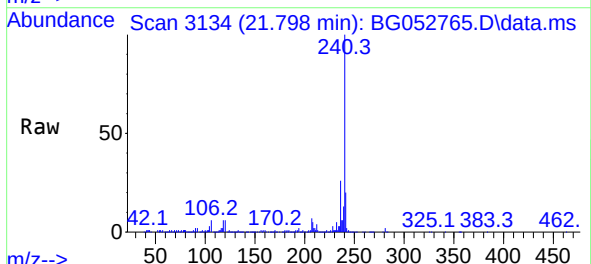
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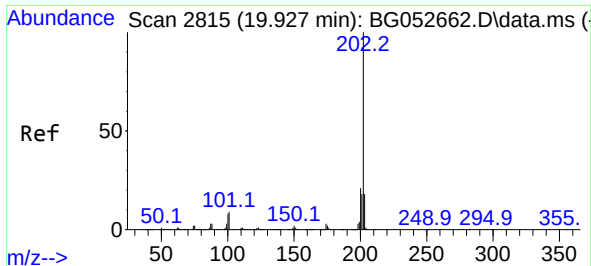
Tgt Ion:202 Resp: 108354
Ion Ratio Lower Upper
202 100
101 8.0 0.0 27.3
203 18.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.798 min Scan# 3134
Delta R.T. -0.014 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

Tgt Ion:240 Resp: 300359
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 25.9 19.8 29.6

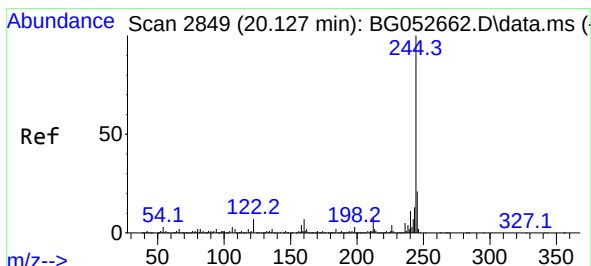
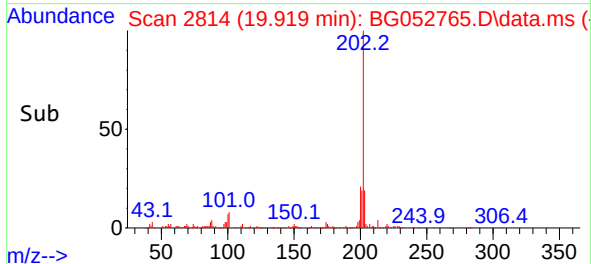
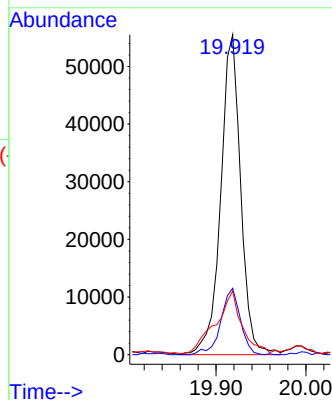
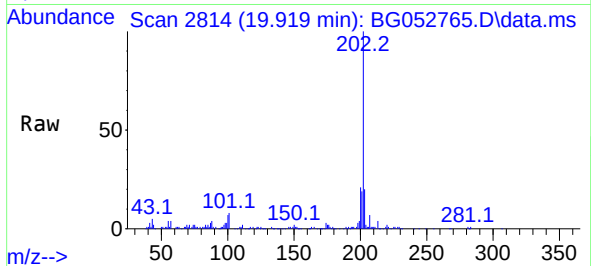




#78
 Pyrene
 Concen: 4.123 ng
 RT: 19.919 min Scan# 2814
 Delta R.T. -0.008 min
 Lab File: BG052765.D
 Acq: 21 Mar 2022 13:17

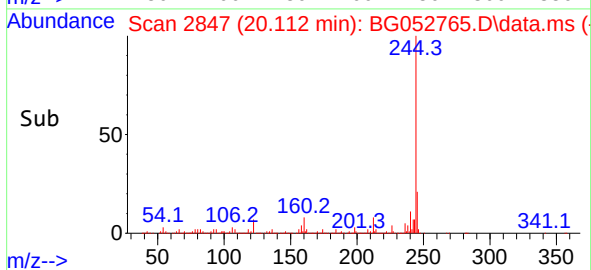
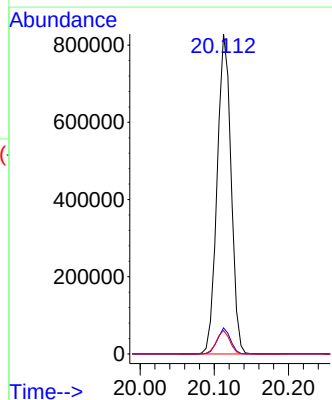
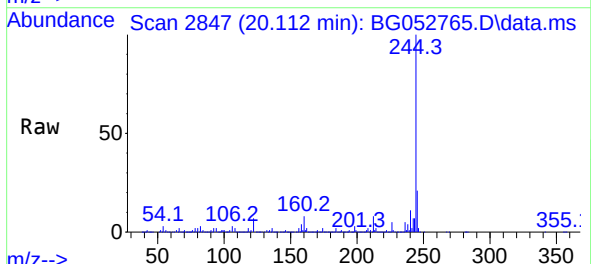
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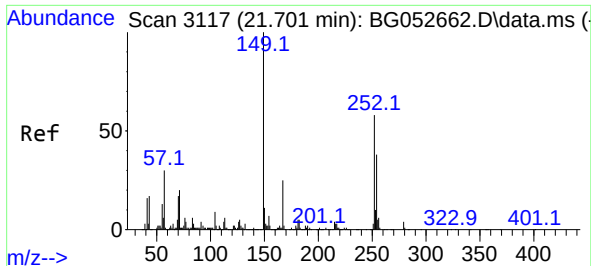
Tgt Ion:202 Resp: 85895
 Ion Ratio Lower Upper
 202 100
 200 20.7 17.0 25.6
 203 19.9 15.0 22.6



#79
 Terphenyl-d14
 Concen: 63.847 ng
 RT: 20.112 min Scan# 2847
 Delta R.T. -0.014 min
 Lab File: BG052765.D
 Acq: 21 Mar 2022 13:17

Tgt Ion:244 Resp: 1078065
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.4 8.2#
 122 7.3 5.8 8.6

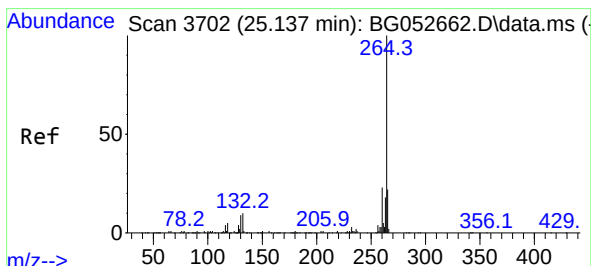
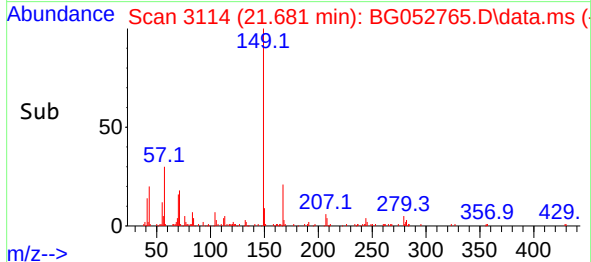
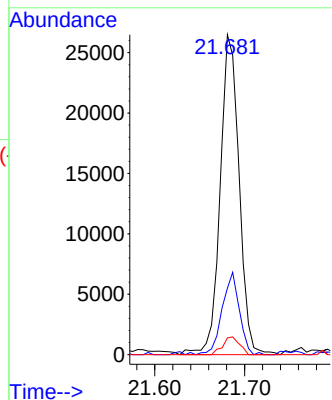
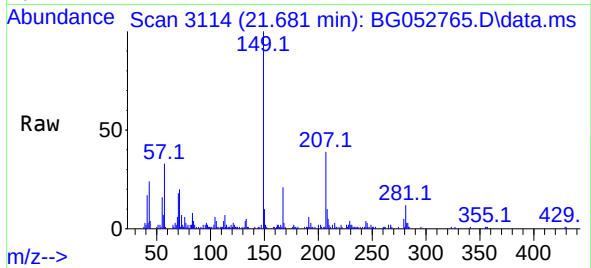




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.862 ng
RT: 21.681 min Scan# 3117
Delta R.T. -0.020 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

Instrument :
BNA_G
ClientSampleId :
124042

Tgt Ion:149 Resp: 38820
Ion Ratio Lower Upper
149 100
167 20.8 21.4 32.2#
279 5.2 3.8 5.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.117 min Scan# 3699
Delta R.T. -0.020 min
Lab File: BG052765.D
Acq: 21 Mar 2022 13:17

Tgt Ion:264 Resp: 316456
Ion Ratio Lower Upper
264 100
260 23.9 18.2 27.2
265 24.3 15.1 22.7#

