

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
 Data File : BG054829.D
 Acq On : 1 Sep 2022 19:44
 Operator : CG/JU
 Sample : N4439-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KTS2-MH-01-0-20

Quant Time: Sep 02 02:56:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

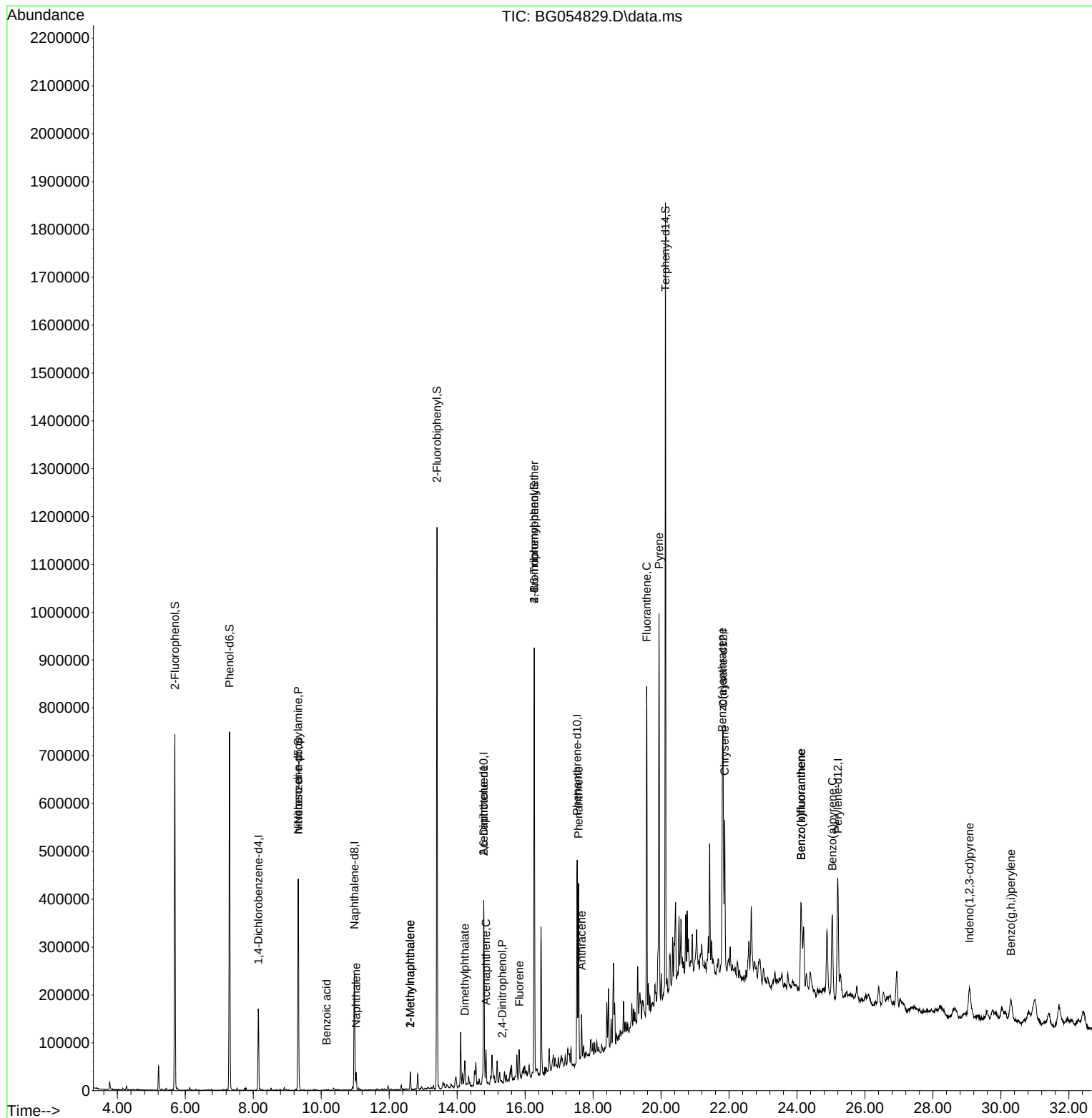
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	51954	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	218700	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	137693	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	278113	20.000	ng	0.00
76) Chrysene-d12	21.825	240	257992	20.000	ng	0.00
86) Perylene-d12	25.198	264	279184	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	347848	116.589	ng	0.00
7) Phenol-d6	7.301	99	472427	115.785	ng	0.00
23) Nitrobenzene-d5	9.322	82	286341	68.733	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	186484	108.385	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	631410	68.923	ng	0.00
79) Terphenyl-d14	20.127	244	826050	63.441	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.322	70	36822	13.123	ng	# 79
31) Naphthalene	11.026	128	33065	2.818	ng	97
32) Benzoic acid	10.157	122	114	7.849	ng	# 29
37) 2-Methylnaphthalene	12.618	142	19061	2.318	ng	100
38) 1-Methylnaphthalene	12.618	142	19061	2.382	ng	95
50) Dimethylphthalate	14.222	163	30066	2.834	ng	98
51) 2,6-Dinitrotoluene	14.781	165	20265	9.340	ng	# 23
52) Acenaphthene	14.845	154	24142	2.933	ng	99
54) 2,4-Dinitrophenol	15.327	184	56	6.742	ng	# 24
58) Fluorene	15.826	166	26462	2.597	ng	98
67) 4-Bromophenyl-phenylether	16.267	248	12251	4.012	ng	# 1
71) Phenanthrene	17.571	178	237352	16.021	ng	100
72) Anthracene	17.660	178	61578	4.275	ng	97
75) Fluoranthene	19.575	202	429225	23.816	ng	99
78) Pyrene	19.939	202	519975	28.904	ng	99
81) Benzo(a)anthracene	21.802	228	239518	13.693	ng	97
83) Chrysene	21.872	228	246656	14.747	ng	98
87) Indeno(1,2,3-cd)pyrene	29.070	276	115012	5.426	ng	99
88) Benzo(b)fluoranthene	24.123	252	277852	15.865	ng	97
89) Benzo(k)fluoranthene	24.123	252	277852	15.764	ng	97
90) Benzo(a)pyrene	25.039	252	206439	13.797	ng	99
92) Benzo(g,h,i)perylene	30.298	276	124573	7.141	ng	99

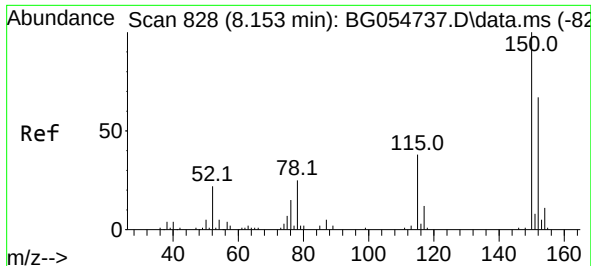
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
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BNA_G
ClientSampleId :
KTS2-MH-01-0-20

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

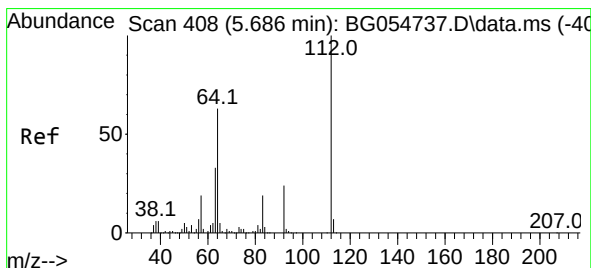
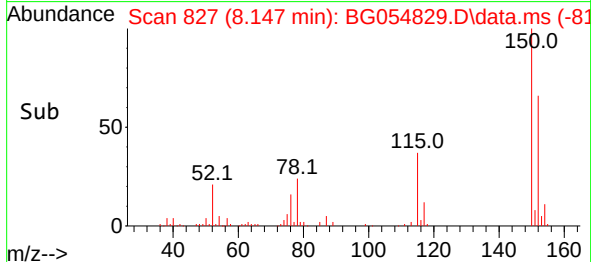
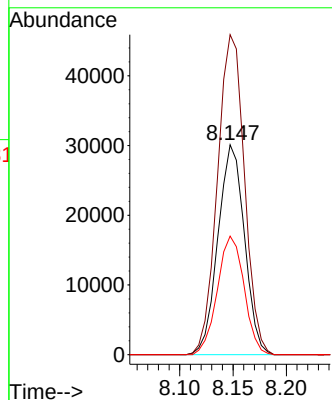
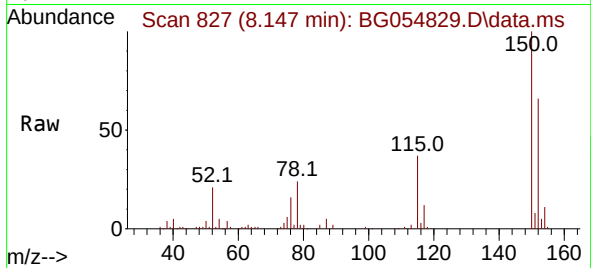




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

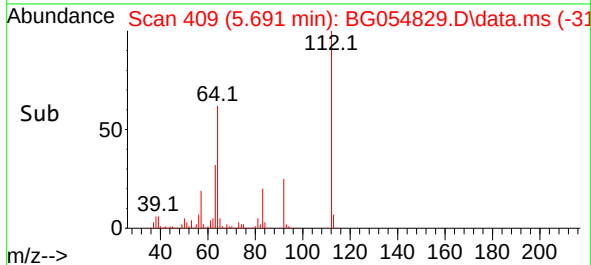
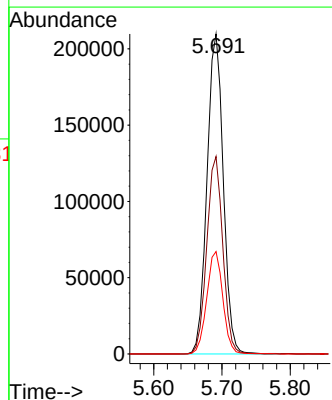
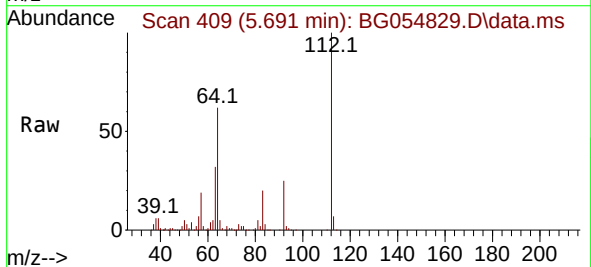
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20

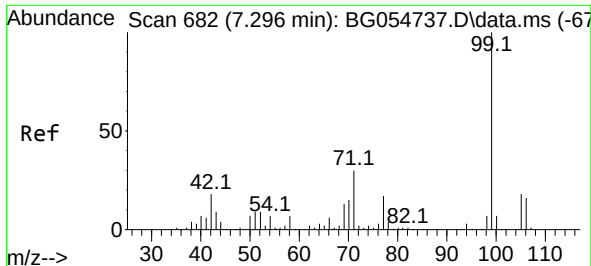
Tgt Ion:152 Resp: 51954
Ion Ratio Lower Upper
152 100
150 152.4 125.2 187.8
115 56.5 47.9 71.9



#5
2-Fluorophenol
Concen: 116.589 ng
RT: 5.691 min Scan# 409
Delta R.T. 0.005 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Tgt Ion:112 Resp: 347848
Ion Ratio Lower Upper
112 100
64 61.7 49.3 73.9
63 32.0 26.3 39.5

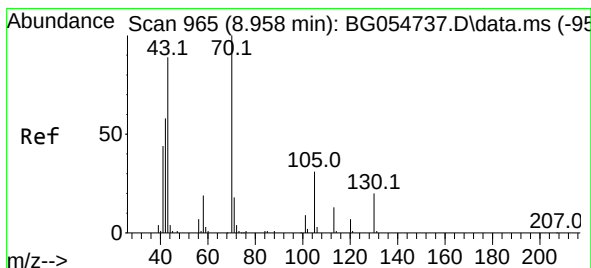
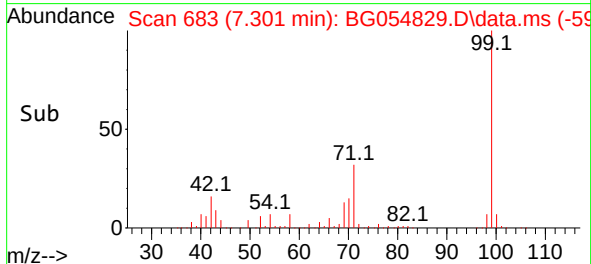
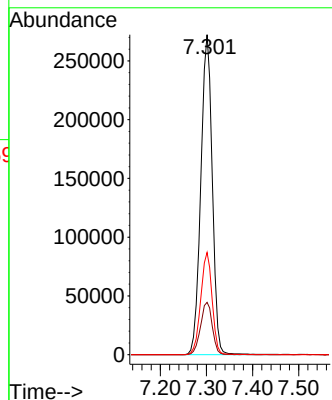
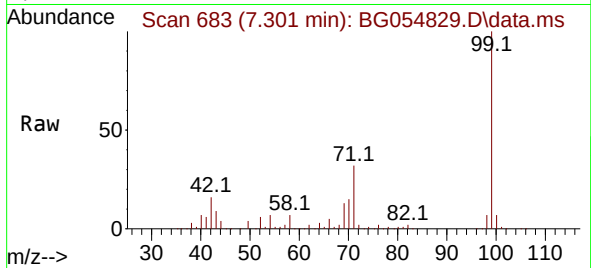




#7
Phenol-d6
Concen: 115.785 ng
RT: 7.301 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

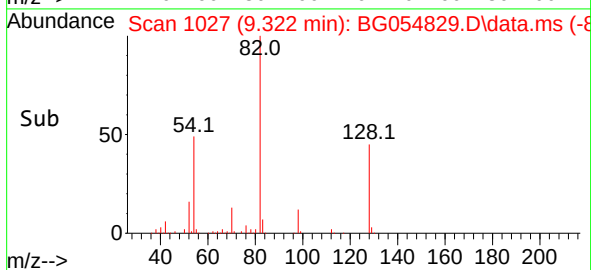
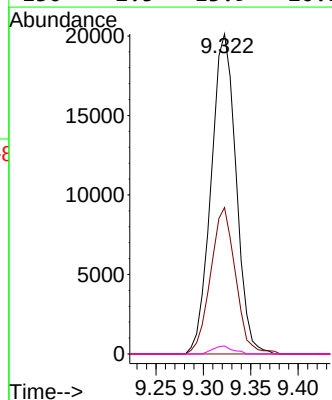
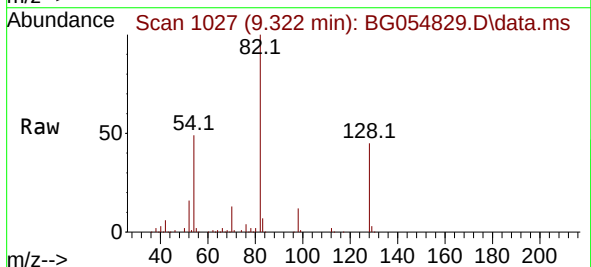
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20

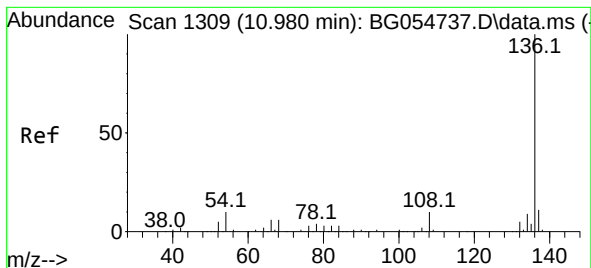
Tgt Ion: 99 Resp: 472427
Ion Ratio Lower Upper
99 100
42 16.4 14.6 22.0
71 32.0 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.123 ng
RT: 9.322 min Scan# 1027
Delta R.T. 0.364 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Tgt Ion: 70 Resp: 36822
Ion Ratio Lower Upper
70 100
42 45.7 46.6 69.8#
101 0.0 7.7 11.5#
130 2.5 13.9 20.9#

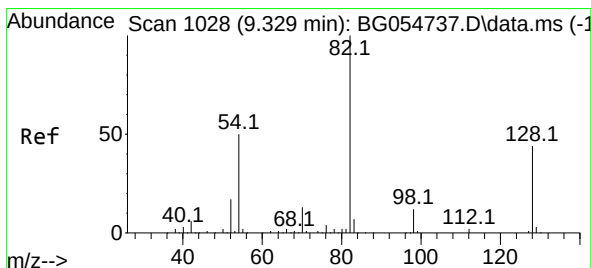
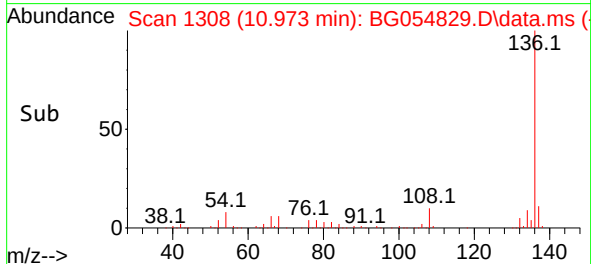
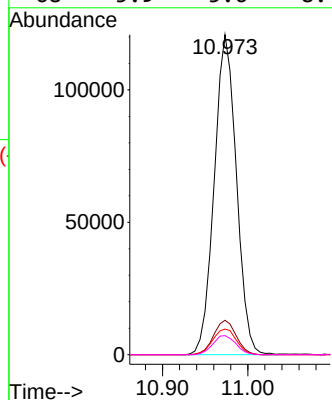
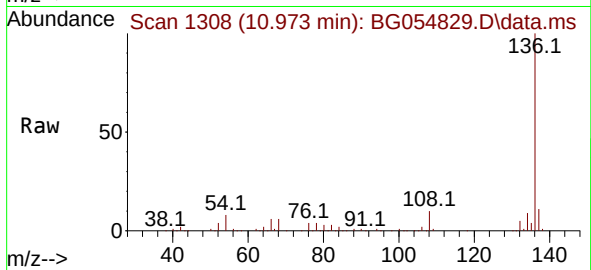




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

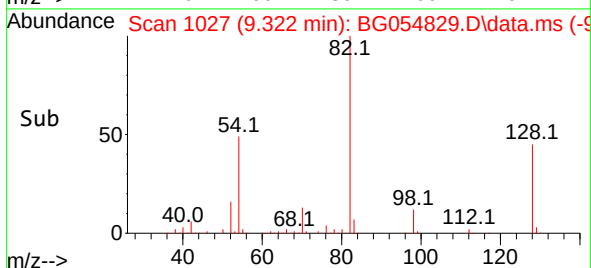
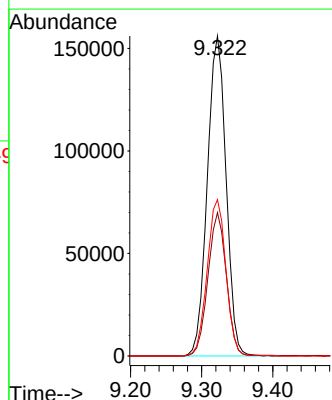
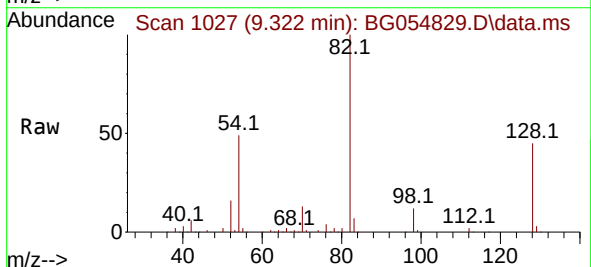
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20

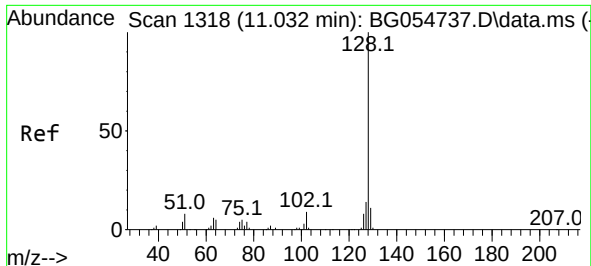
Tgt Ion:136 Resp: 218700
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 8.0 7.7 11.5
68 5.9 5.6 8.4



#23
Nitrobenzene-d5
Concen: 68.733 ng
RT: 9.322 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Tgt Ion: 82 Resp: 286341
Ion Ratio Lower Upper
82 100
128 44.8 32.2 48.2
54 48.8 41.4 62.0

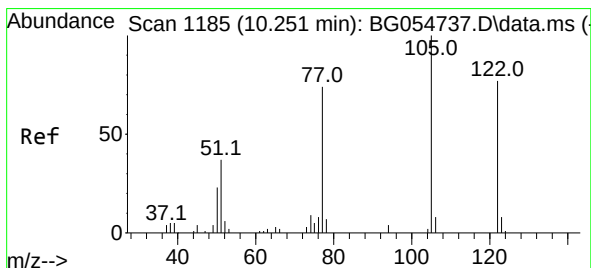
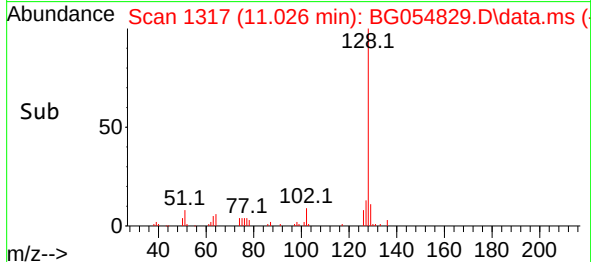
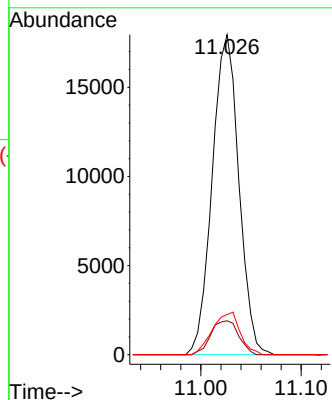
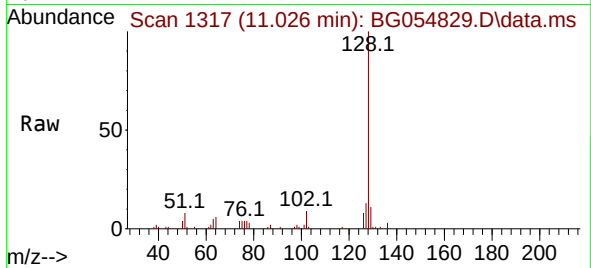




#31
Naphthalene
Concen: 2.818 ng
RT: 11.026 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

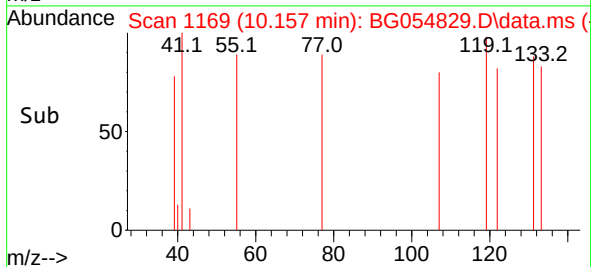
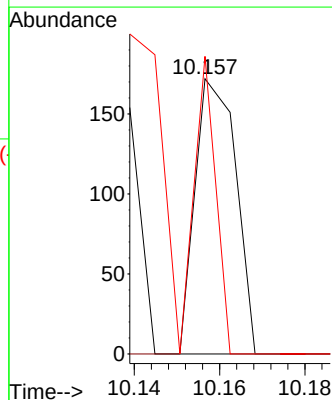
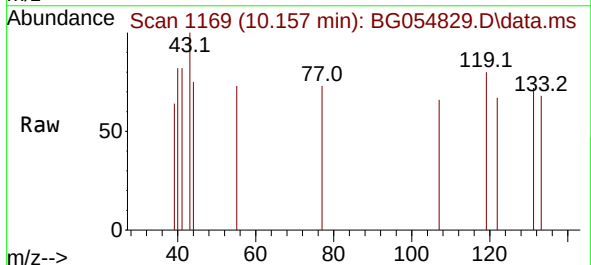
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20

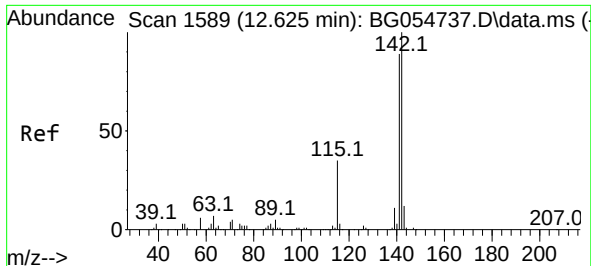
Tgt Ion:128 Resp: 33065
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 12.5 11.1 16.7



#32
Benzoic acid
Concen: 7.849 ng
RT: 10.157 min Scan# 1169
Delta R.T. -0.094 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Tgt Ion:122 Resp: 114
Ion Ratio Lower Upper
122 100
105 0.0 101.5 141.5#
77 108.1 69.3 109.3

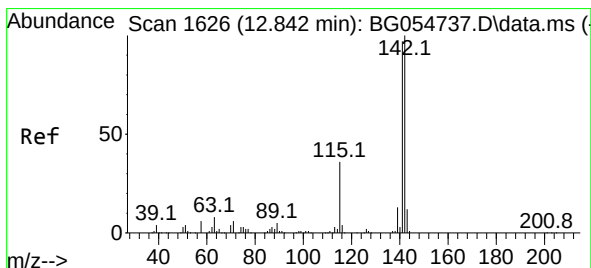
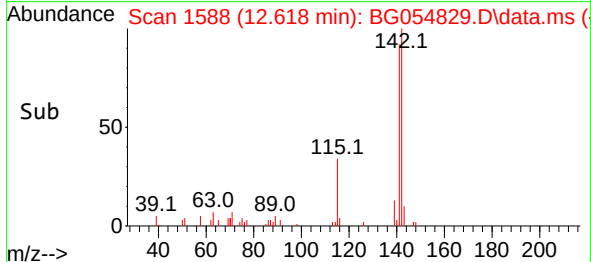
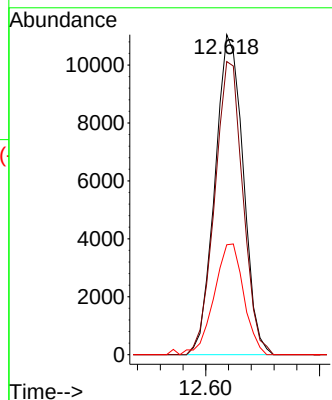
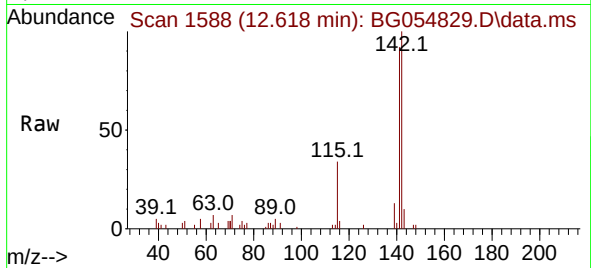




#37
2-Methylnaphthalene
Concen: 2.318 ng
RT: 12.618 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

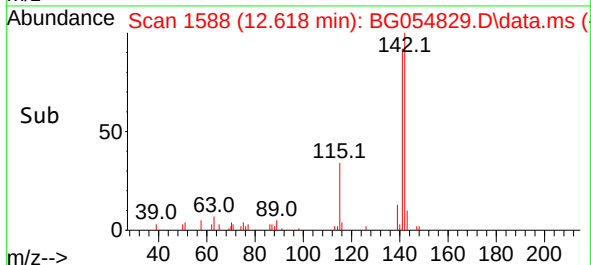
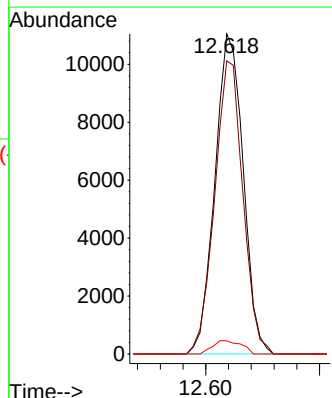
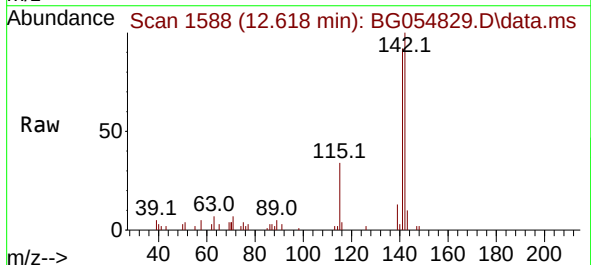
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20

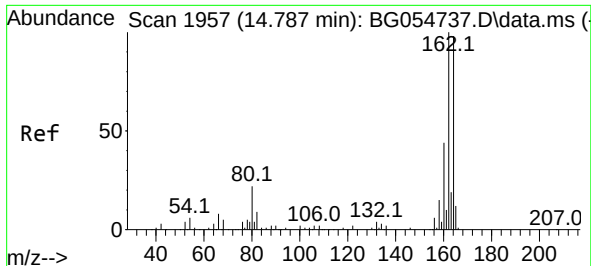
Tgt Ion:142	Resp:	19061
Ion Ratio	Lower	Upper
142	100	
141	91.6	73.0 109.4
115	34.4	27.3 40.9



#38
1-Methylnaphthalene
Concen: 2.382 ng
RT: 12.618 min Scan# 1588
Delta R.T. -0.224 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Tgt Ion:142	Resp:	19061
Ion Ratio	Lower	Upper
142	100	
141	91.6	77.4 116.0
116	4.1	3.0 4.4

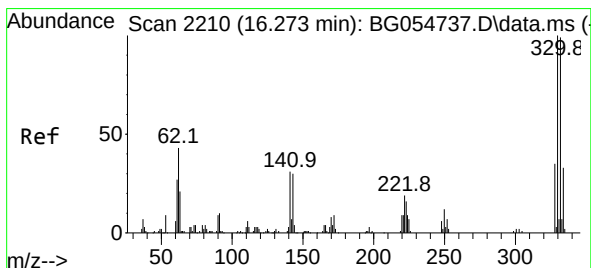
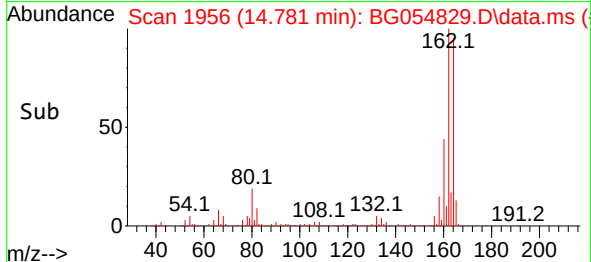
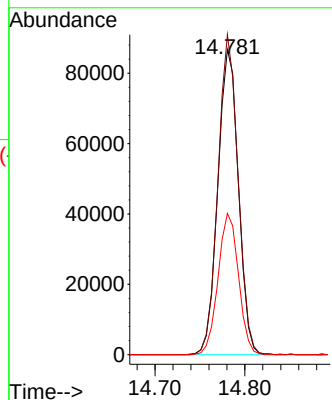
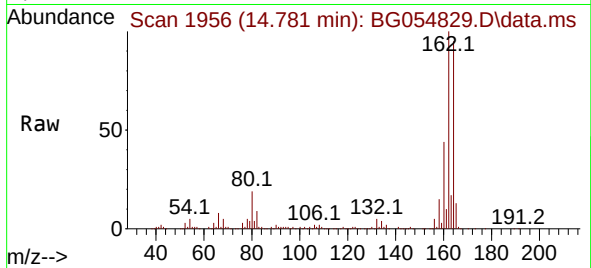




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

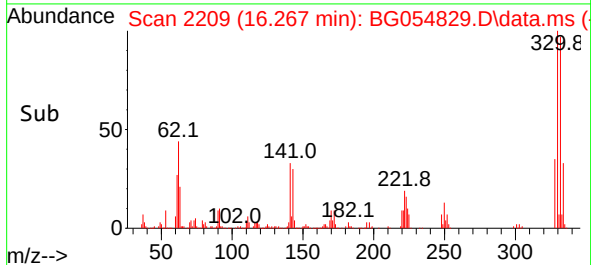
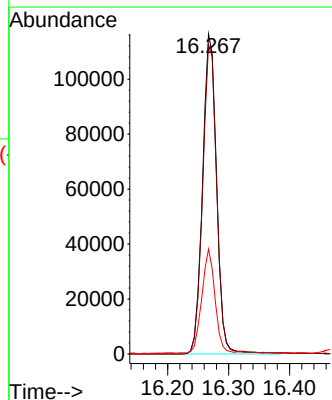
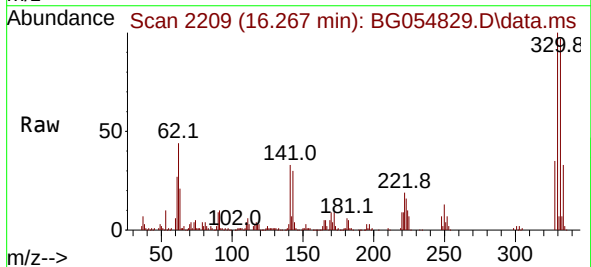
Instrument :
BNA_G
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KTS2-MH-01-0-20

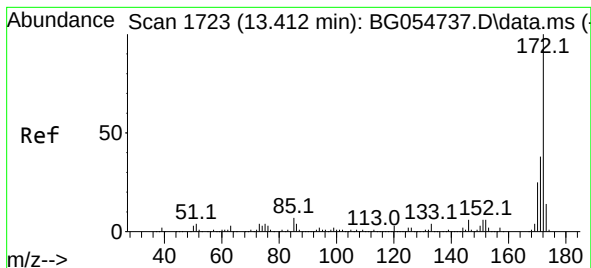
Tgt Ion:164 Resp: 137693
Ion Ratio Lower Upper
164 100
162 104.9 83.0 124.4
160 46.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 108.385 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Tgt Ion:330 Resp: 186484
Ion Ratio Lower Upper
330 100
332 97.0 79.8 119.6
141 30.6 26.8 40.2

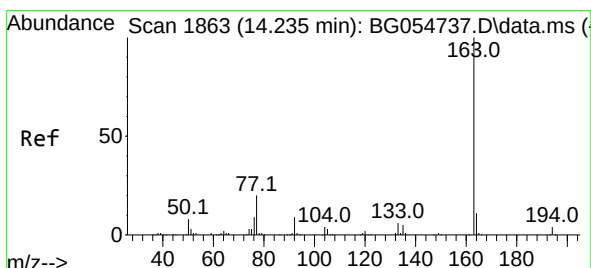
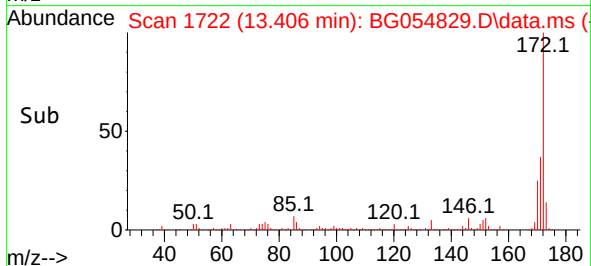
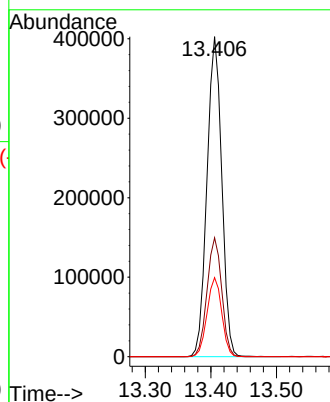
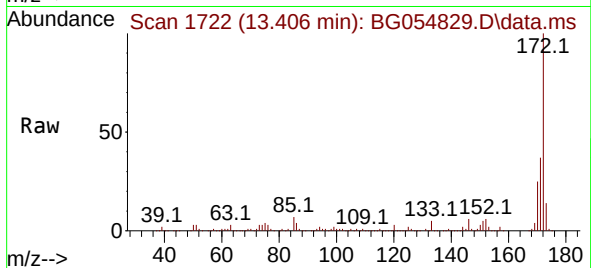




#45
2-Fluorobiphenyl
Concen: 68.923 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

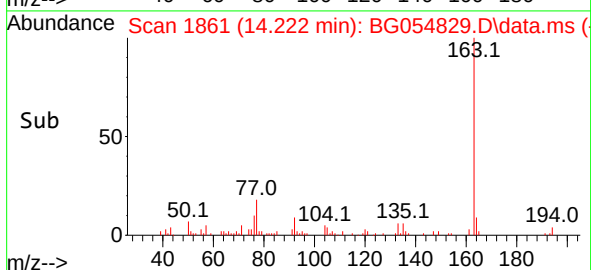
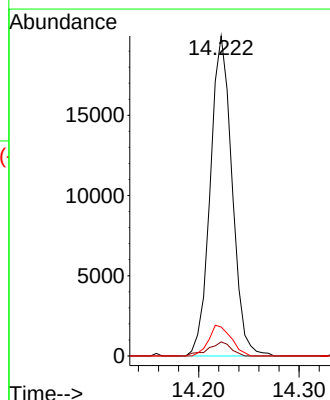
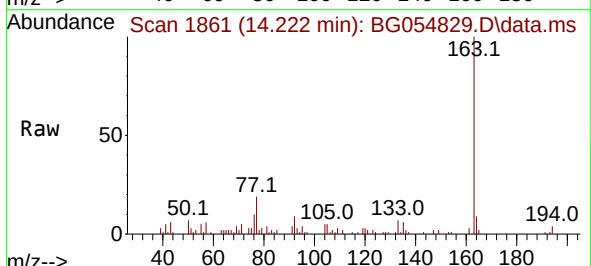
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20

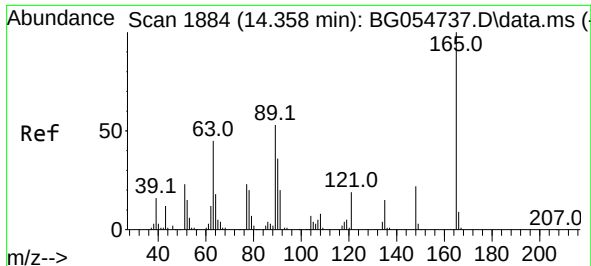
Tgt Ion:172 Resp: 631410
Ion Ratio Lower Upper
172 100
171 37.2 31.2 46.8
170 24.7 20.6 30.8



#50
Dimethylphthalate
Concen: 2.834 ng
RT: 14.222 min Scan# 1861
Delta R.T. -0.012 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Tgt Ion:163 Resp: 30066
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.4
164 9.1 8.0 12.0

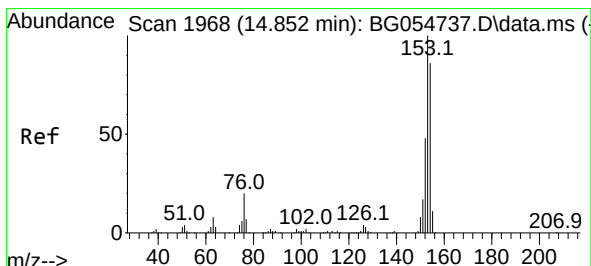
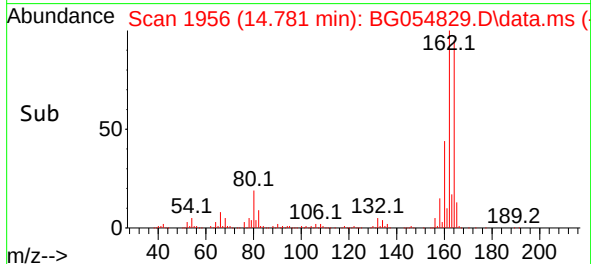
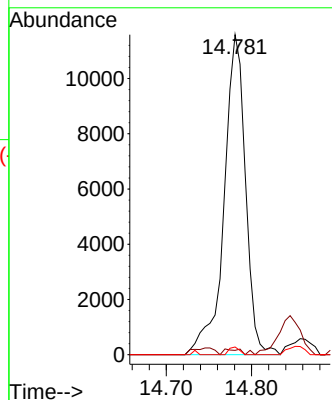
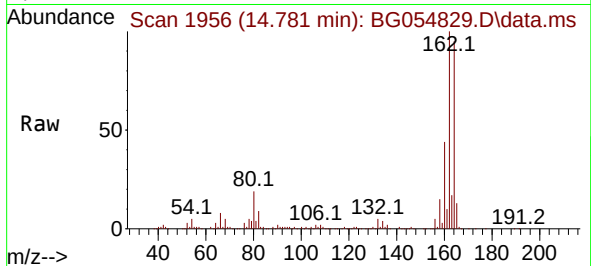




#51
2,6-Dinitrotoluene
Concen: 9.340 ng
RT: 14.781 min Scan# 1956
Delta R.T. 0.423 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

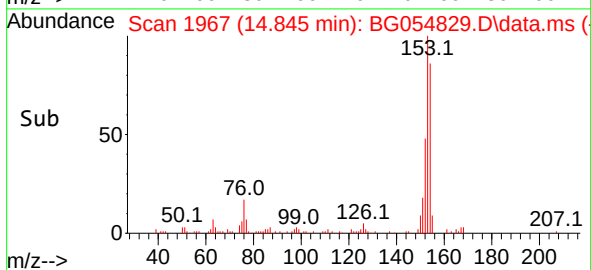
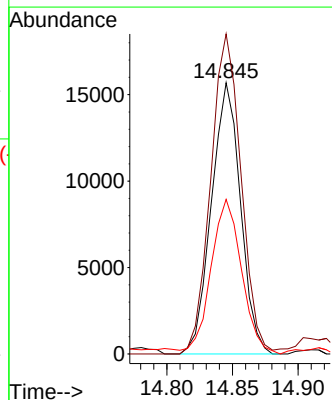
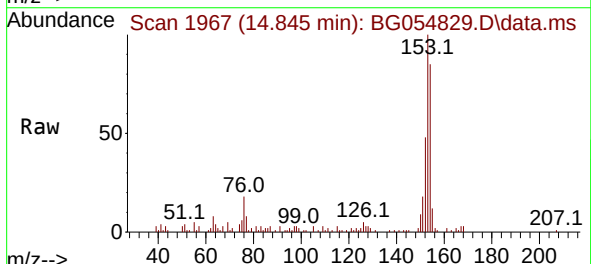
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20

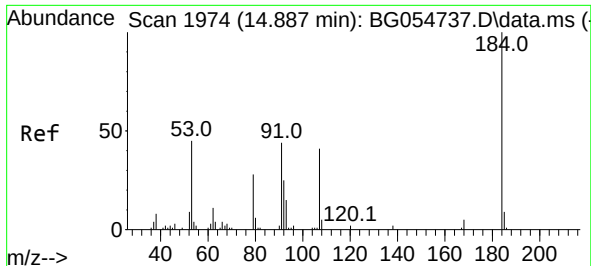
Tgt Ion:165 Resp: 20265
Ion Ratio Lower Upper
165 100
63 1.4 46.0 69.0#
89 2.4 50.3 75.5#



#52
Acenaphthene
Concen: 2.933 ng
RT: 14.845 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Tgt Ion:154 Resp: 24142
Ion Ratio Lower Upper
154 100
153 118.0 92.8 139.2
152 57.0 45.4 68.2

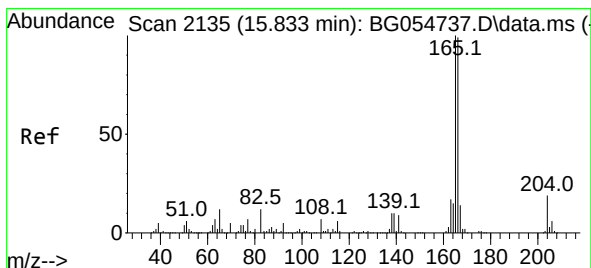
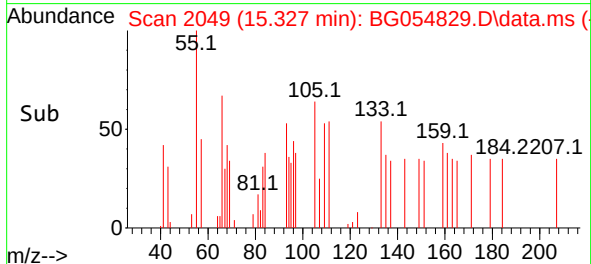
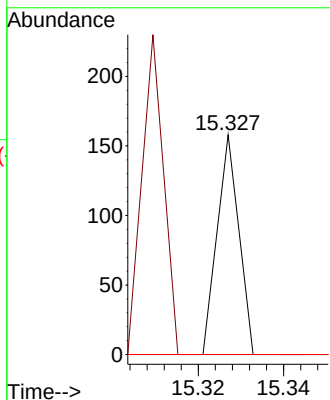
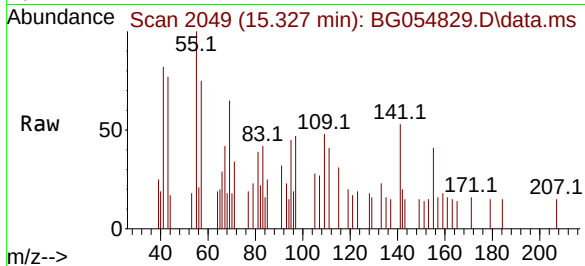




#54
2,4-Dinitrophenol
Concen: 6.742 ng
RT: 15.327 min Scan# 2049
Delta R.T. 0.440 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

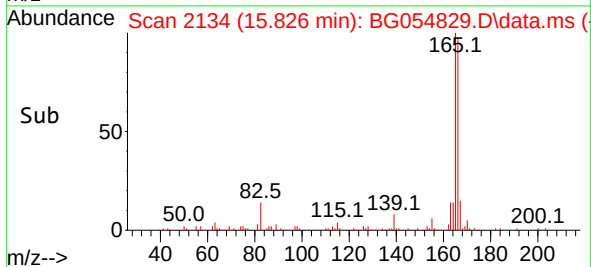
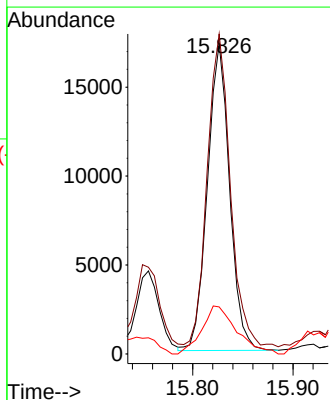
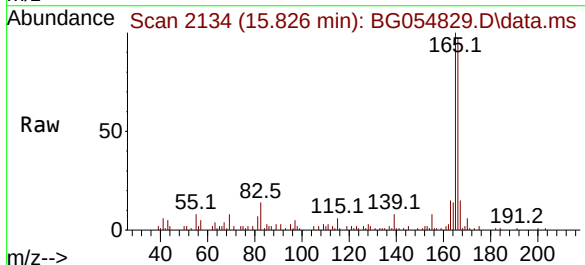
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20

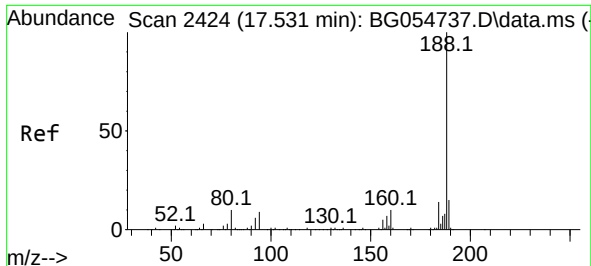
Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 41.8 62.8#
154 0.0 45.2 67.8#



#58
Fluorene
Concen: 2.597 ng
RT: 15.826 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Tgt Ion:166 Resp: 26462
Ion Ratio Lower Upper
166 100
165 103.1 80.8 121.2
167 15.1 11.4 17.0

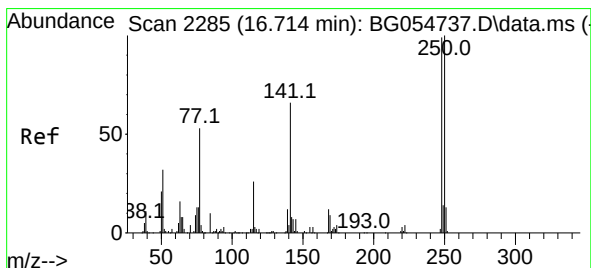
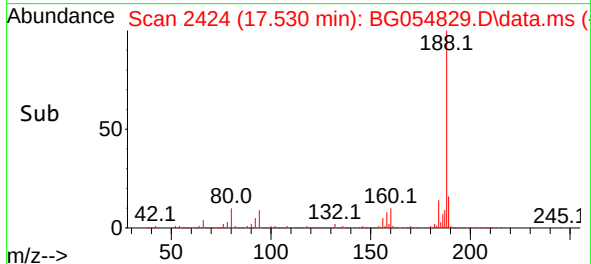
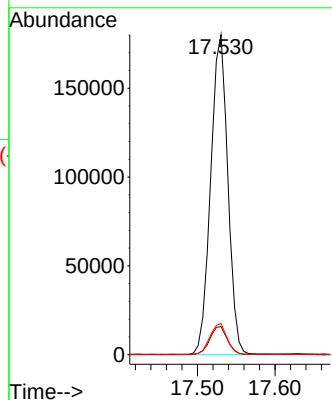
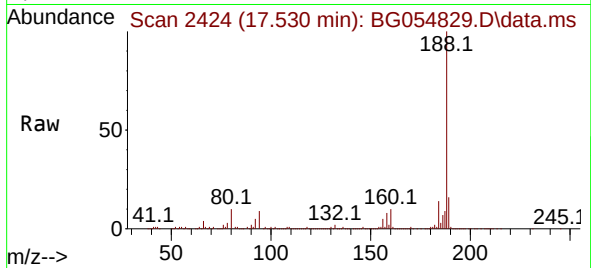




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.530 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

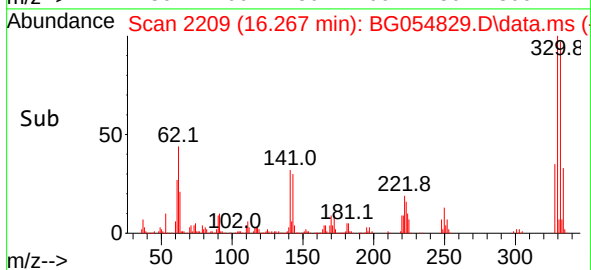
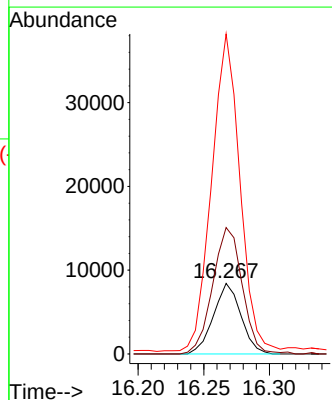
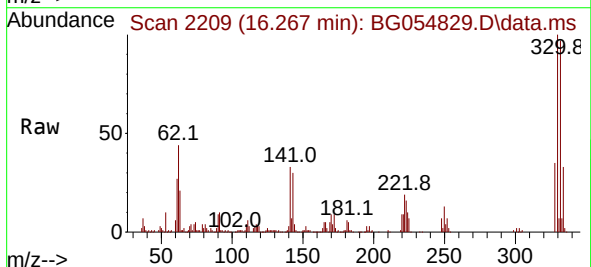
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20

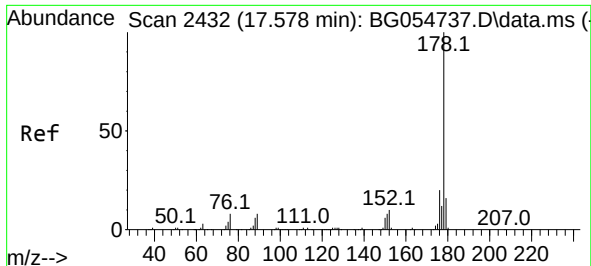
Tgt Ion:188 Resp: 278113
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.8 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.012 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.447 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Tgt Ion:248 Resp: 12251
Ion Ratio Lower Upper
248 100
250 179.2 78.8 118.2#
141 453.4 51.9 77.9#

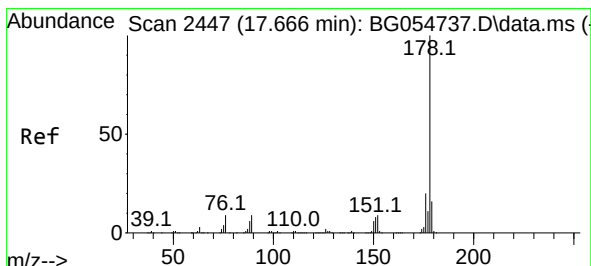
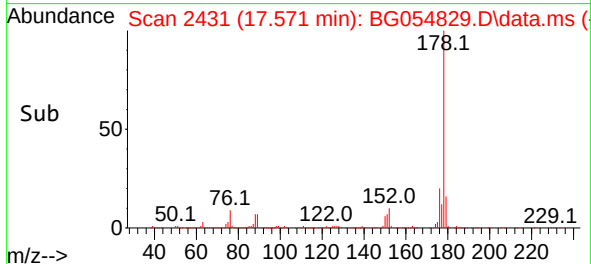
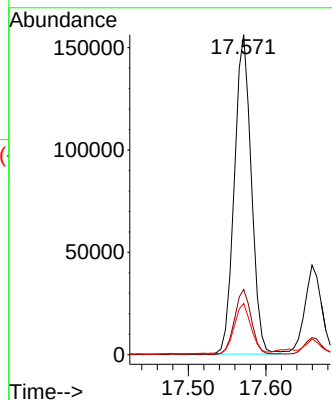
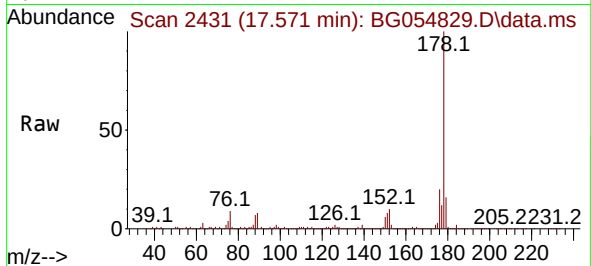




#71
Phenanthrene
Concen: 16.021 ng
RT: 17.571 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

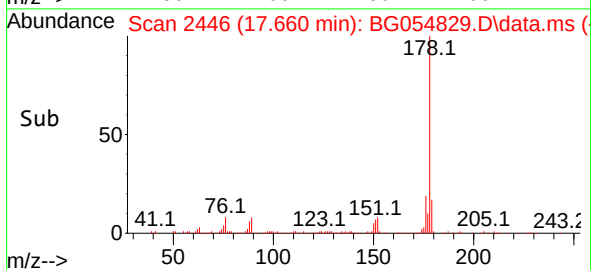
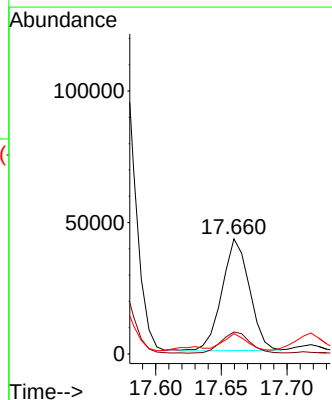
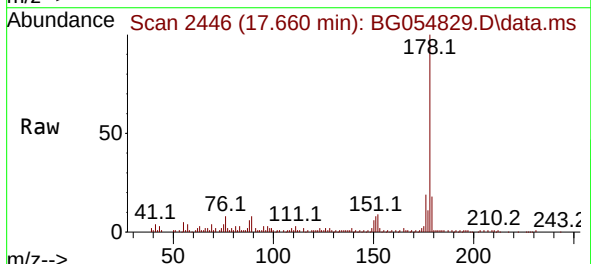
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20

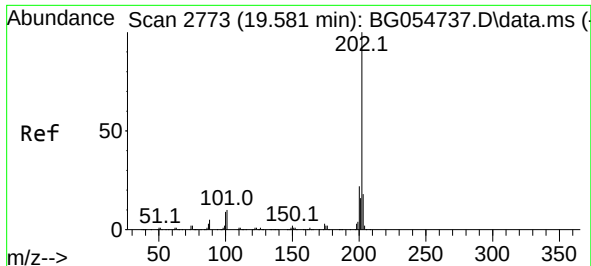
Tgt Ion:178 Resp: 237352
Ion Ratio Lower Upper
178 100
176 20.4 16.6 25.0
179 16.0 12.8 19.2



#72
Anthracene
Concen: 4.275 ng
RT: 17.660 min Scan# 2446
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Tgt Ion:178 Resp: 61578
Ion Ratio Lower Upper
178 100
176 19.1 16.2 24.4
179 17.7 12.9 19.3

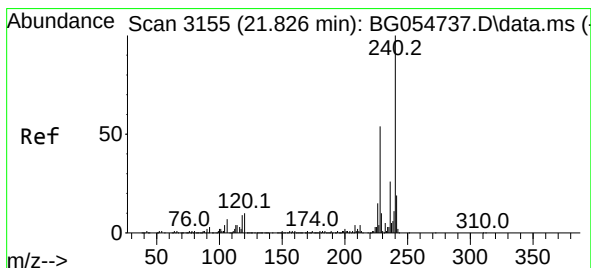
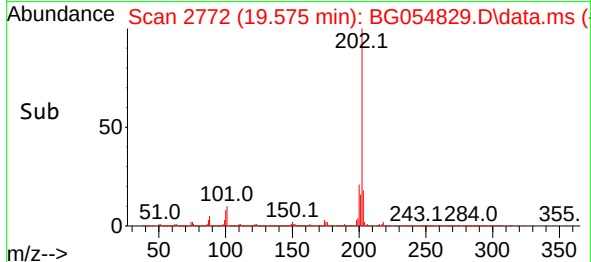
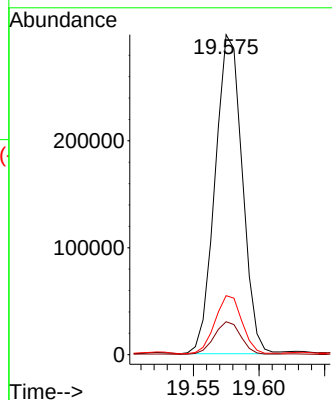
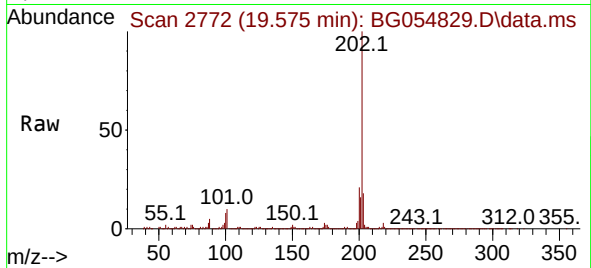




#75
Fluoranthene
Concen: 23.816 ng
RT: 19.575 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

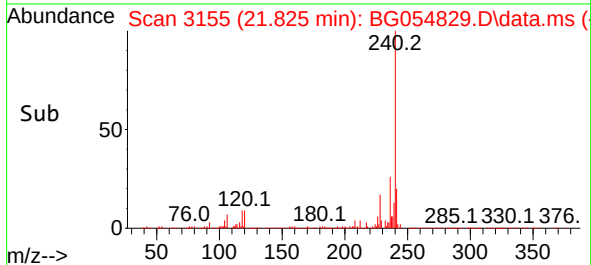
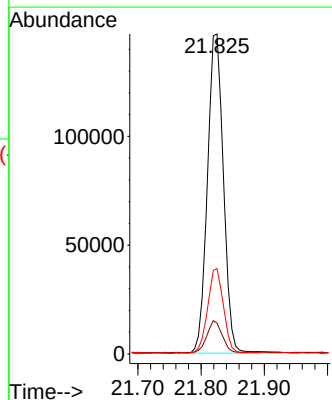
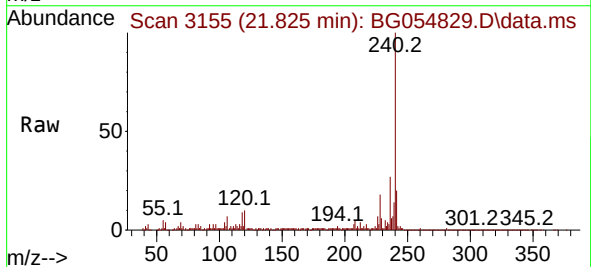
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20

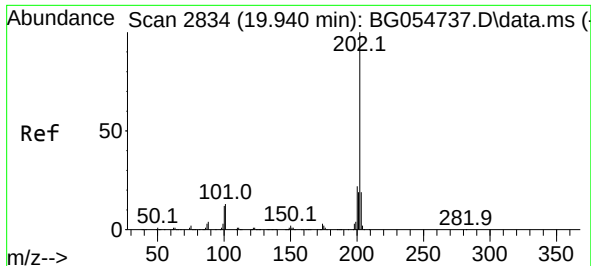
Tgt Ion:202 Resp: 429225
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.4
203 18.5 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.825 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Tgt Ion:240 Resp: 257992
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.4
236 26.6 21.2 31.8

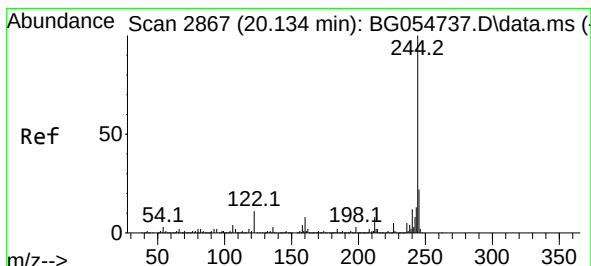
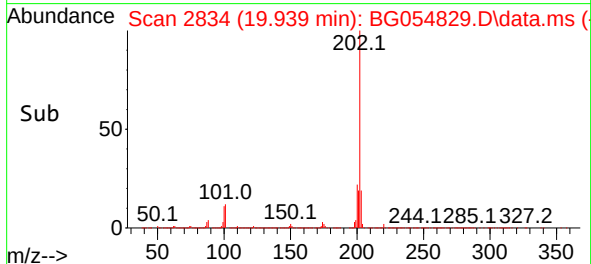
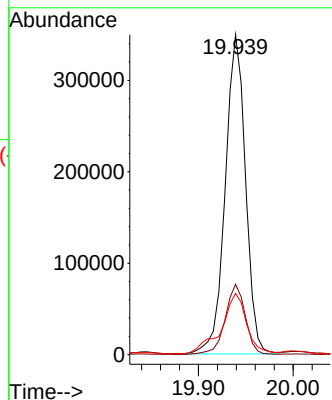
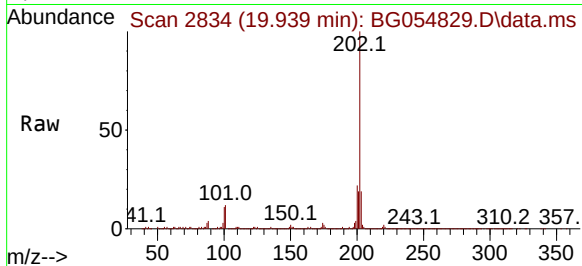




#78
Pyrene
Concen: 28.904 ng
RT: 19.939 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

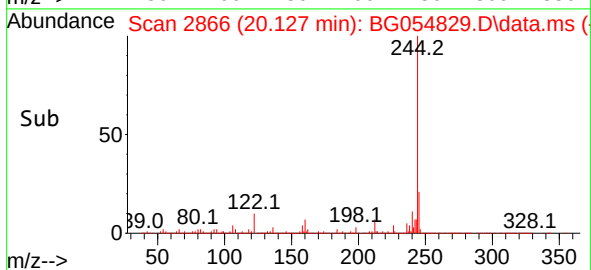
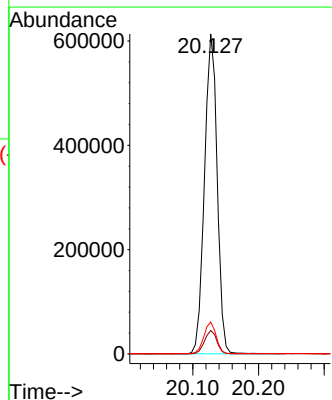
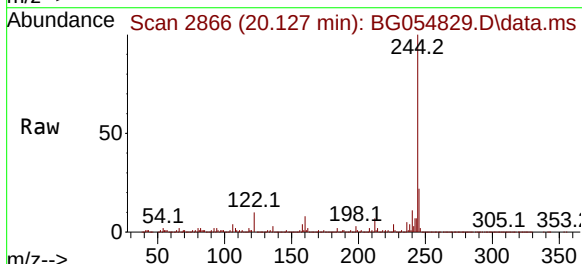
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20

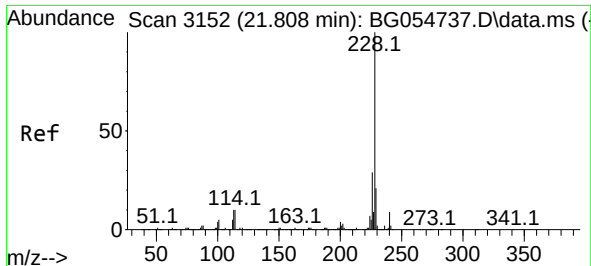
Tgt Ion:202 Resp: 519975
Ion Ratio Lower Upper
202 100
200 22.0 17.8 26.6
203 19.2 14.6 21.8



#79
Terphenyl-d14
Concen: 63.441 ng
RT: 20.127 min Scan# 2866
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Tgt Ion:244 Resp: 826050
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 10.0 9.0 13.6

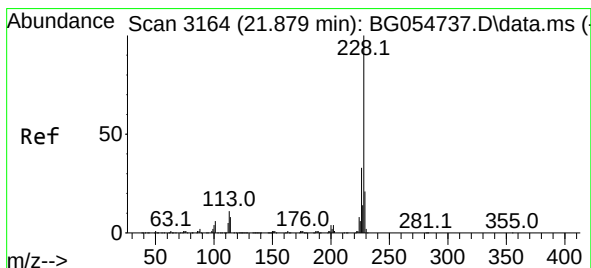
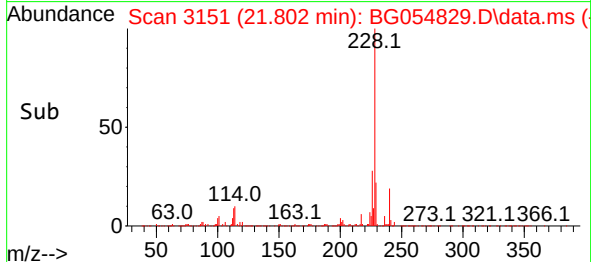
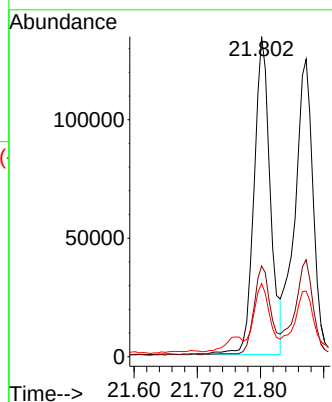
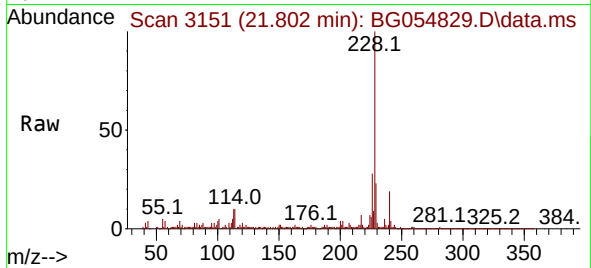




#81
Benzo(a)anthracene
Concen: 13.693 ng
RT: 21.802 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

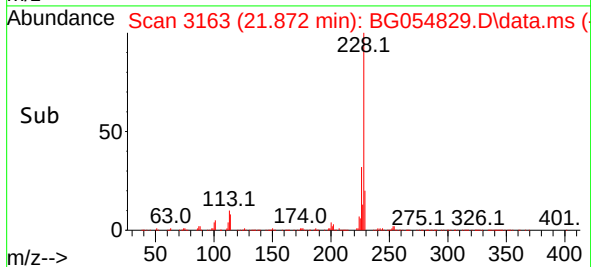
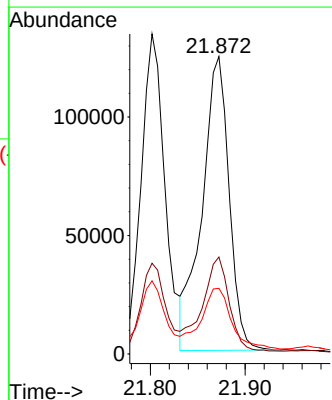
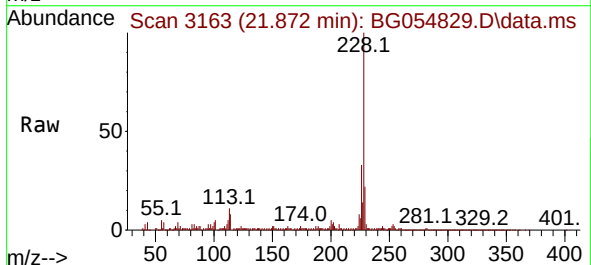
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20

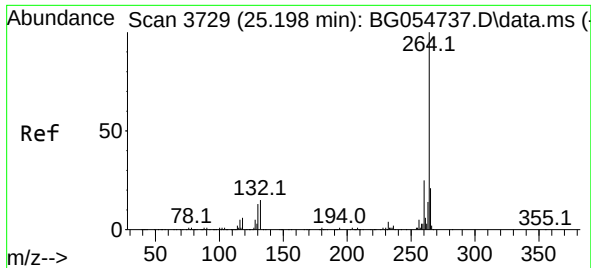
Tgt Ion:228 Resp: 239518
Ion Ratio Lower Upper
228 100
226 28.4 23.4 35.2
229 22.9 16.5 24.7



#83
Chrysene
Concen: 14.747 ng
RT: 21.872 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Tgt Ion:228 Resp: 246656
Ion Ratio Lower Upper
228 100
226 32.6 25.5 38.3
229 22.1 16.8 25.2



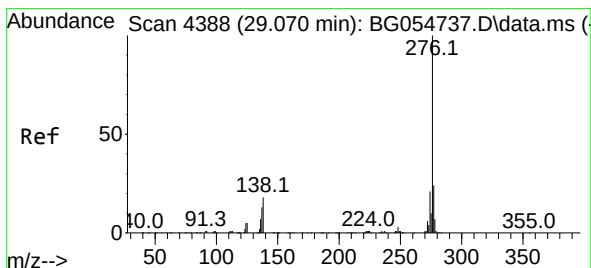
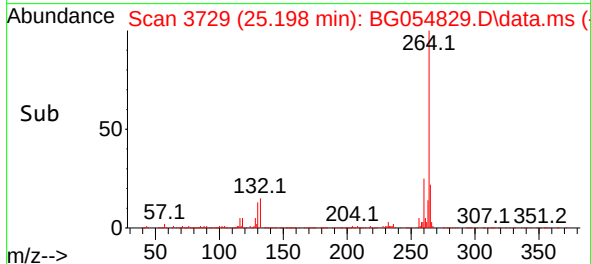
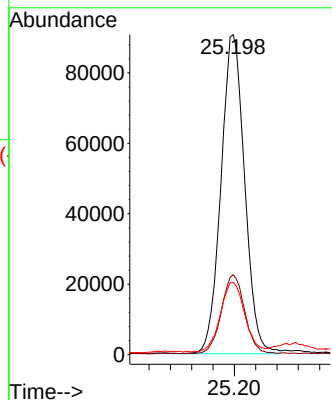
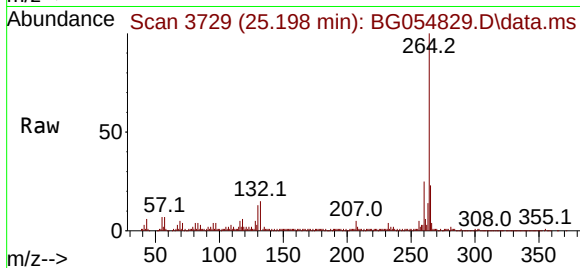


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.198 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20

Tgt Ion:264 Resp: 279184

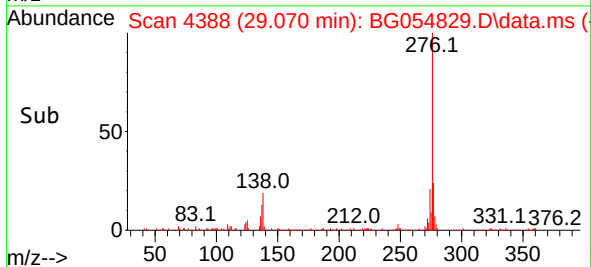
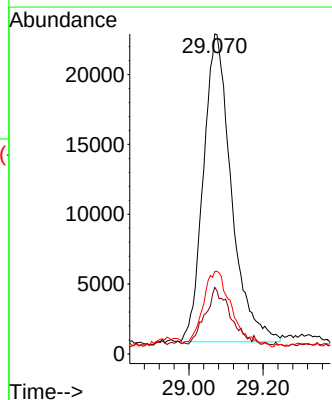
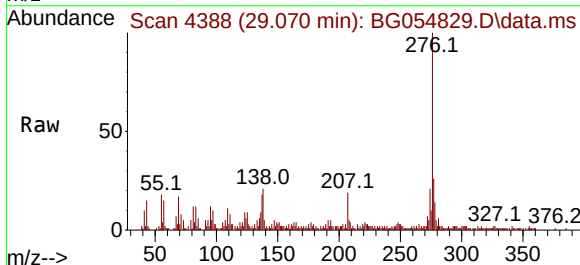
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.9	29.9
265	22.6	16.9	25.3

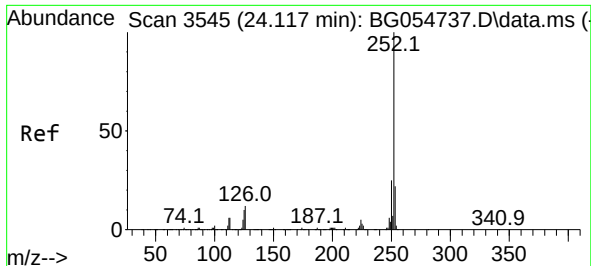


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.426 ng
RT: 29.070 min Scan# 4388
Delta R.T. -0.000 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Tgt Ion:276 Resp: 115012

Ion	Ratio	Lower	Upper
276	100		
138	16.0	12.0	18.0
277	25.5	20.2	30.4

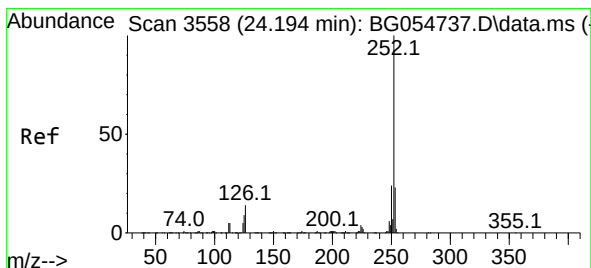
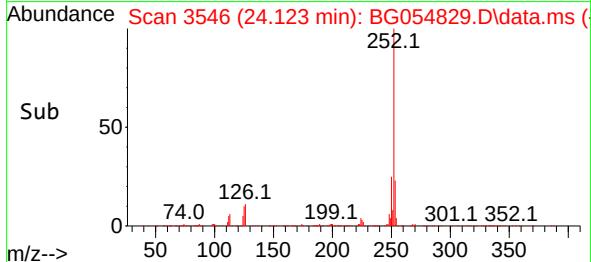
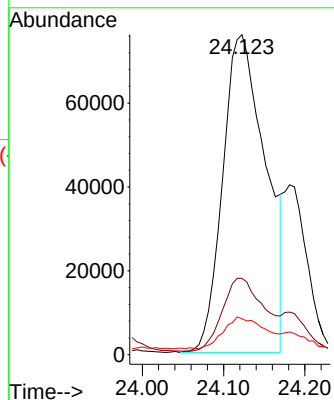
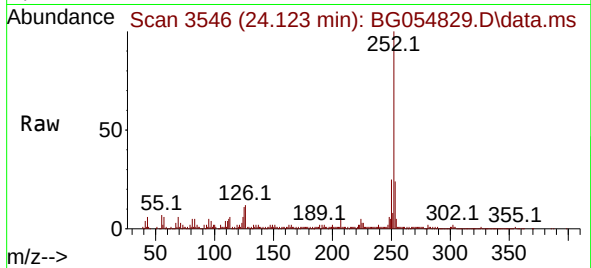




#88
Benzo(b)fluoranthene
Concen: 15.865 ng
RT: 24.123 min Scan# 3546
Delta R.T. 0.005 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

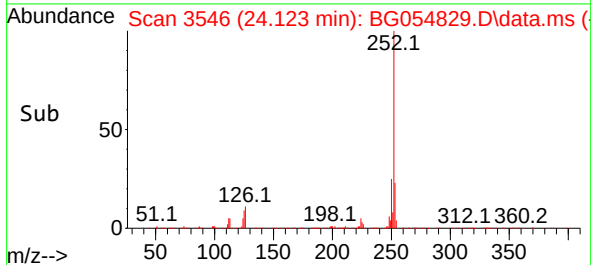
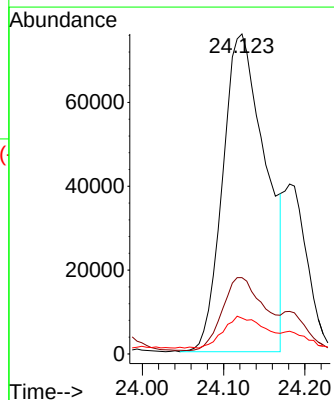
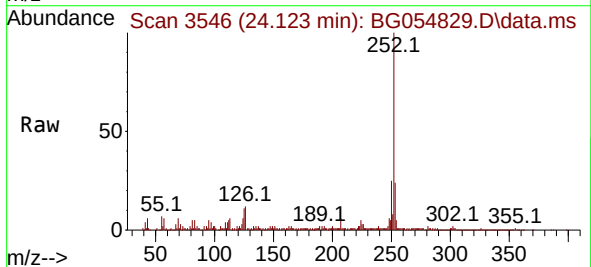
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20

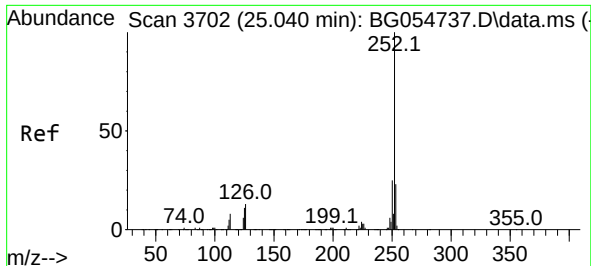
Tgt Ion:252 Resp: 277852
Ion Ratio Lower Upper
252 100
253 23.8 18.0 27.0
125 11.2 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 15.764 ng
RT: 24.123 min Scan# 3546
Delta R.T. -0.071 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Tgt Ion:252 Resp: 277852
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 11.2 8.2 12.4

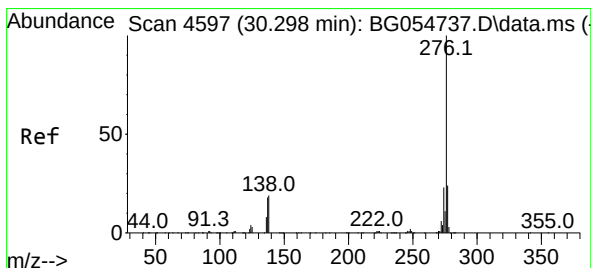
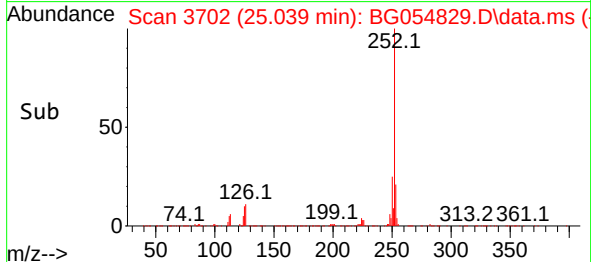
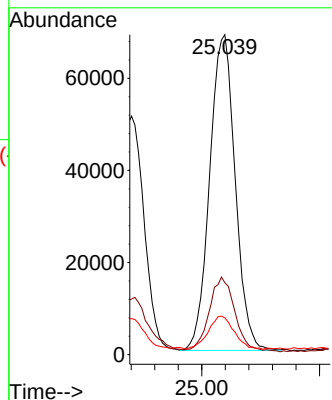
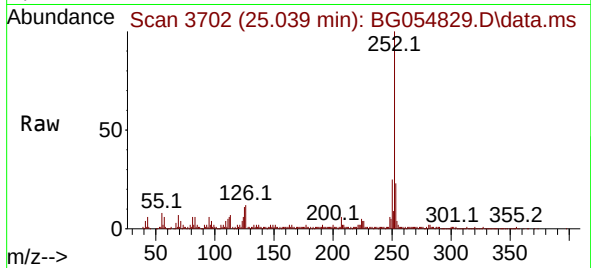




#90
Benzo(a)pyrene
Concen: 13.797 ng
RT: 25.039 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Instrument :
BNA_G
ClientSampleId :
KTS2-MH-01-0-20

Tgt Ion:252 Resp: 206439
Ion Ratio Lower Upper
252 100
253 22.5 18.3 27.5
125 11.5 8.8 13.2



#92
Benzo(g,h,i)perylene
Concen: 7.141 ng
RT: 30.298 min Scan# 4597
Delta R.T. -0.000 min
Lab File: BG054829.D
Acq: 1 Sep 2022 19:44

Tgt Ion:276 Resp: 124573
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.0
138 20.1 16.6 25.0

