

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
 Data File : BG049128.D
 Acq On : 28 Jun 2021 21:07
 Operator : CG/JU
 Sample : M2828-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LT-4

Quant Time: Jun 29 04:01:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

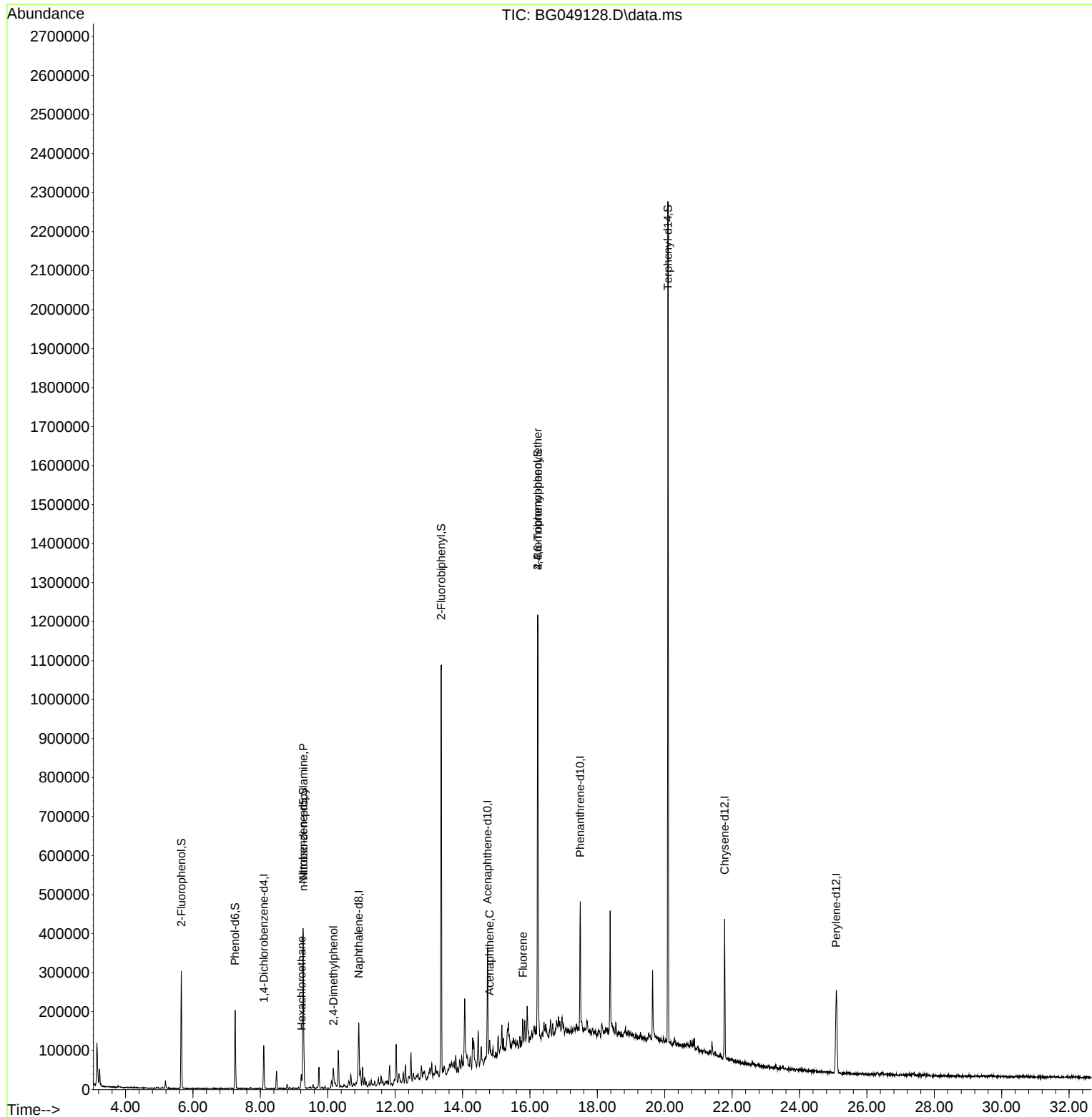
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	29366	20.00	ng	0.00
21) Naphthalene-d8	10.919	136	126071	20.00	ng	# 0.00
39) Acenaphthene-d10	14.743	164	90166	20.00	ng	# 0.00
64) Phenanthrene-d10	17.493	188	201906	20.00	ng	# 0.00
76) Chrysene-d12	21.776	240	220768	20.00	ng	-0.01
86) Perylene-d12	25.090	264	238618	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	117262	62.16	ng	0.00
7) Phenol-d6	7.252	99	101163	35.78	ng	0.00
23) Nitrobenzene-d5	9.268	82	244799	83.73	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	213109	159.53	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	545367	85.44	ng	0.00
79) Terphenyl-d14	20.096	244	1027378	85.23	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.221	117	9034	9.72	ng	# 42
19) n-Nitroso-di-n-propyla...	9.273	70	37146	16.81	ng	# 71
27) 2,4-Dimethylphenol	10.172	122	9175	4.53	ng	# 1
52) Acenaphthene	14.802	154	18821	3.30	ng	91
58) Fluorene	15.789	166	15050	2.08	ng	# 94
67) 4-Bromophenyl-phenylether	16.230	248	13020	5.16	ng	# 1

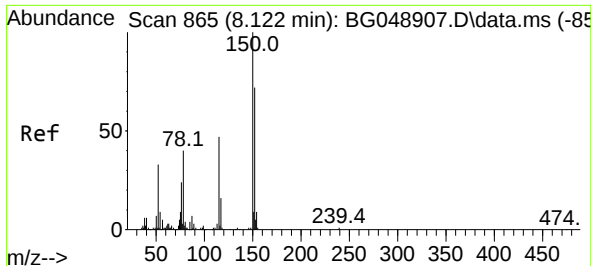
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 13 Sample Multiplier: 1

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QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

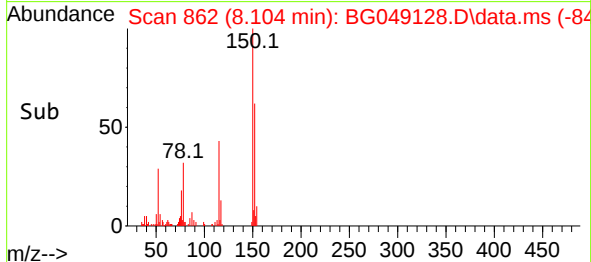
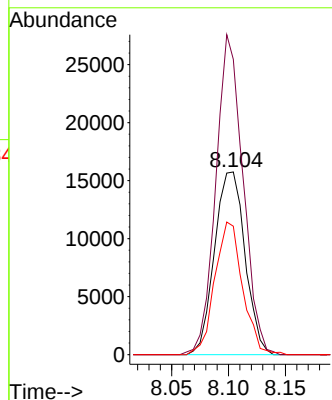
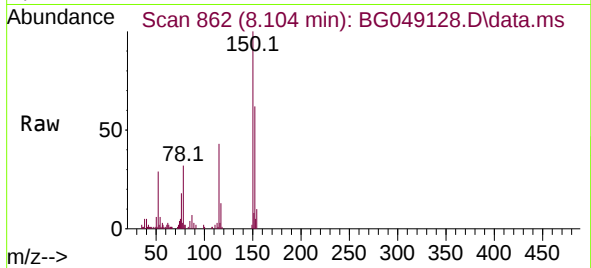




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.104 min Scan# 862
Delta R.T. -0.001 min
Lab File: BG049128.D
Acq: 28 Jun 2021 21:07

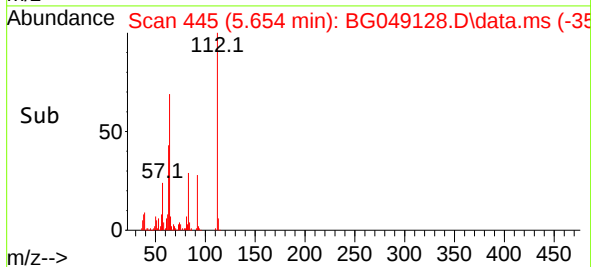
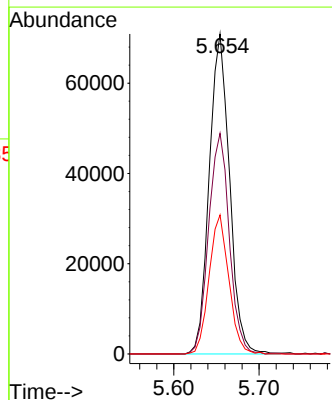
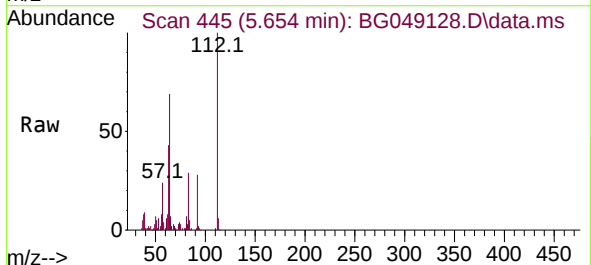
Instrument :
BNA_G
ClientSampled :
LT-4

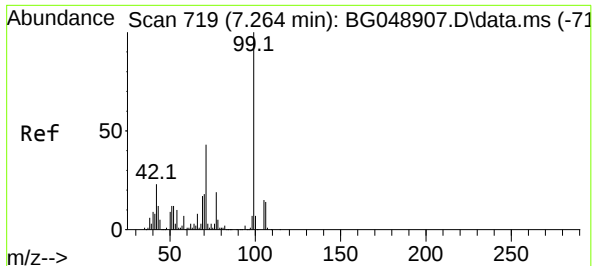
Tgt Ion:152 Resp: 29366
Ion Ratio Lower Upper
152 100
150 161.7 119.4 179.0
115 70.3 60.2 90.4



#5
2-Fluorophenol
Concen: 62.16 ng
RT: 5.654 min Scan# 445
Delta R.T. -0.001 min
Lab File: BG049128.D
Acq: 28 Jun 2021 21:07

Tgt Ion:112 Resp: 117262
Ion Ratio Lower Upper
112 100
64 69.0 46.7 70.1
63 43.5 35.3 52.9

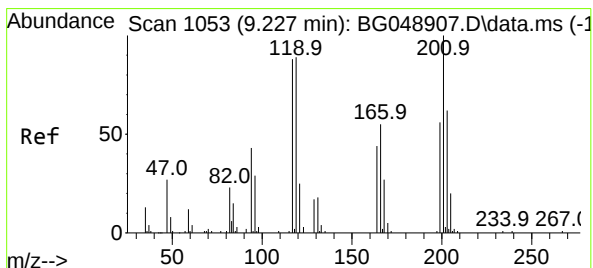
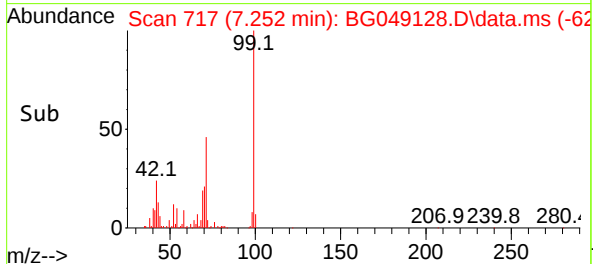
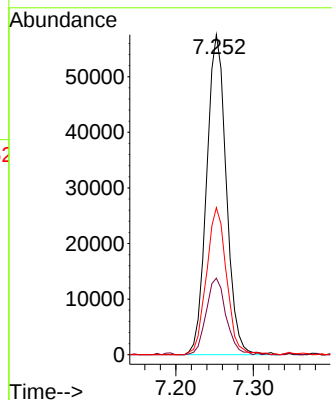
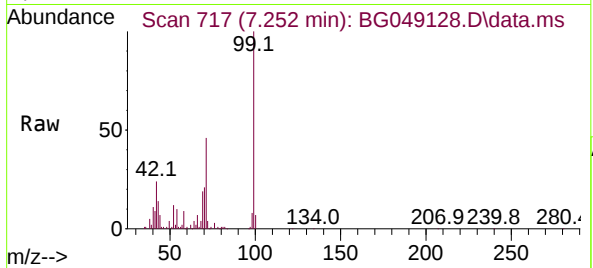




#7
Phenol-d6
Concen: 35.78 ng
RT: 7.252 min Scan# 717
Delta R.T. -0.007 min
Lab File: BG049128.D
Acq: 28 Jun 2021 21:07

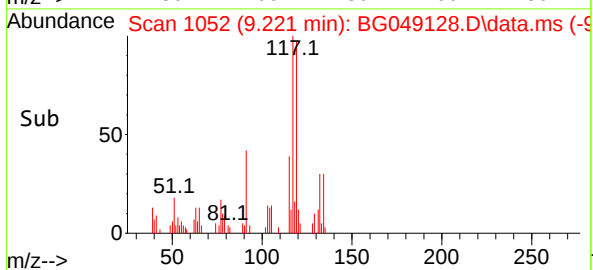
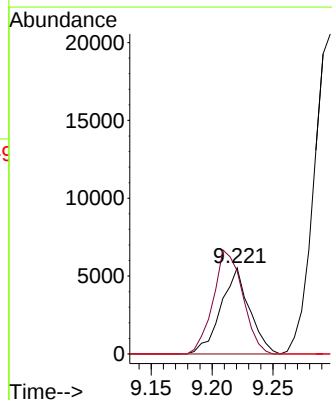
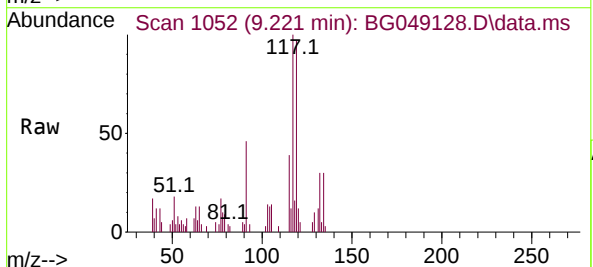
Instrument :
BNA_G
ClientSampleId :
LT-4

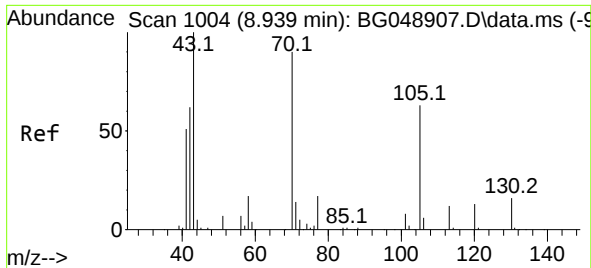
Tgt Ion: 99 Resp: 101163
Ion Ratio Lower Upper
99 100
42 23.9 20.5 30.7
71 46.0 41.5 62.3



#18
Hexachloroethane
Concen: 9.72 ng
RT: 9.221 min Scan# 1052
Delta R.T. 0.022 min
Lab File: BG049128.D
Acq: 28 Jun 2021 21:07

Tgt Ion: 117 Resp: 9034
Ion Ratio Lower Upper
117 100
119 96.5 74.4 111.6
201 0.0 88.6 133.0#

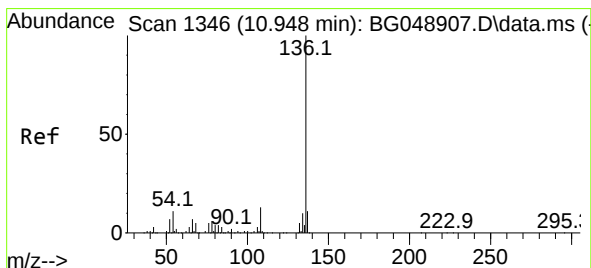
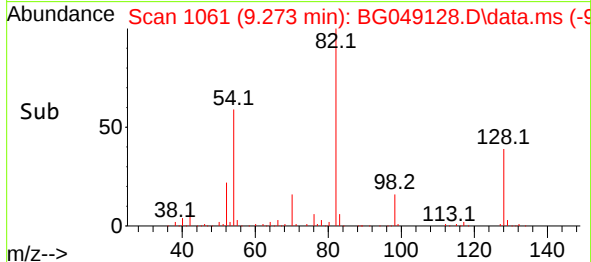
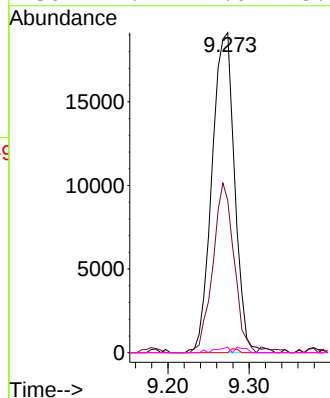
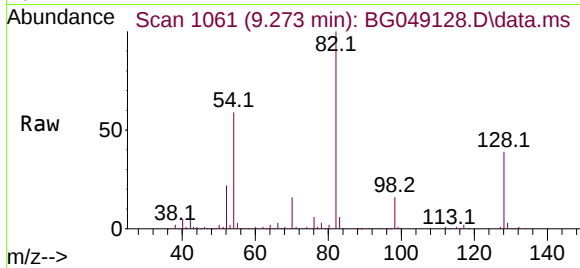




#19
n-Nitroso-di-n-propylamine
Concen: 16.81 ng
RT: 9.273 min Scan# 1061
Delta R.T. 0.363 min
Lab File: BG049128.D
Acq: 28 Jun 2021 21:07

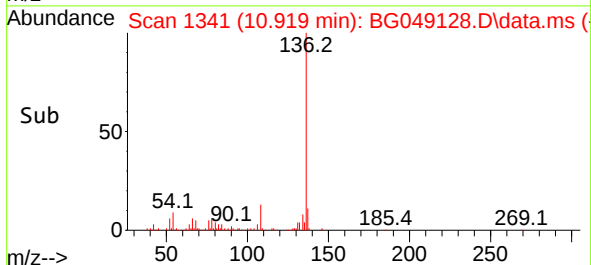
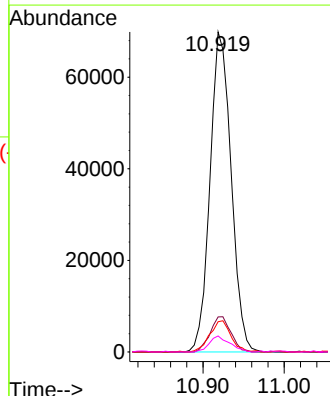
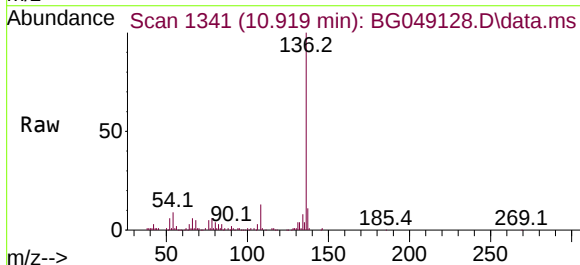
Instrument :
BNA_G
ClientSampleId :
LT-4

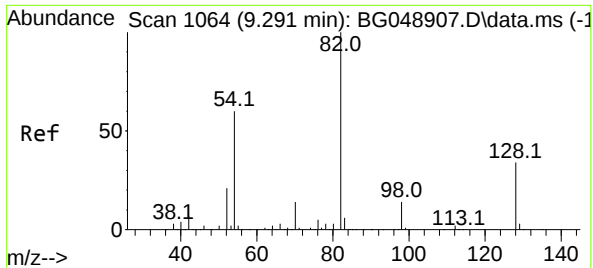
Tgt Ion:	70	Resp:	37146
Ion Ratio	Lower	Upper	
70	100		
42	47.7	54.5	81.7#
101	0.0	9.0	13.6#
130	1.7	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.919 min Scan# 1341
Delta R.T. -0.007 min
Lab File: BG049128.D
Acq: 28 Jun 2021 21:07

Tgt Ion:	136	Resp:	126071
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.2	12.2
54	9.5	5.5	8.3#
68	5.0	2.3	3.5#

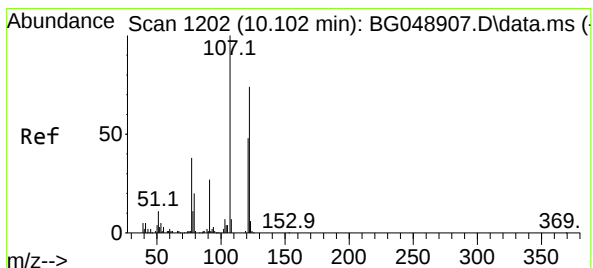
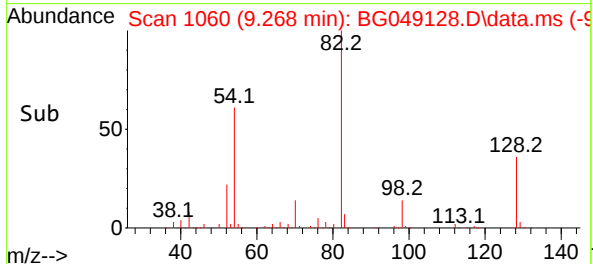
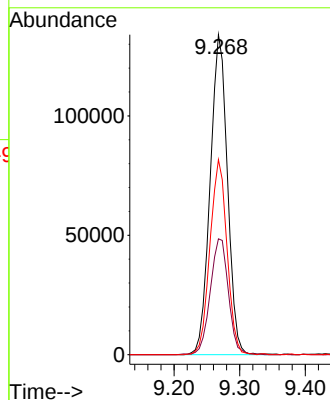
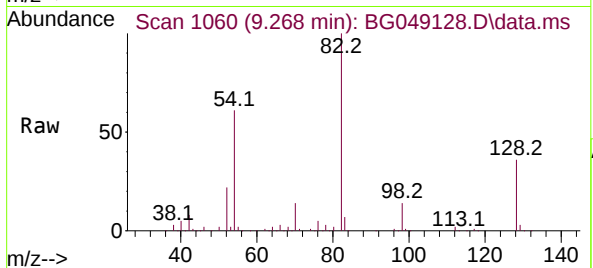




#23
Nitrobenzene-d5
Concen: 83.73 ng
RT: 9.268 min Scan# 1060
Delta R.T. -0.007 min
Lab File: BG049128.D
Acq: 28 Jun 2021 21:07

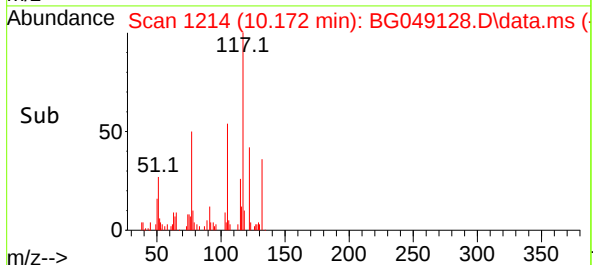
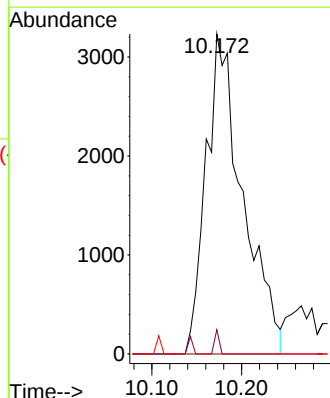
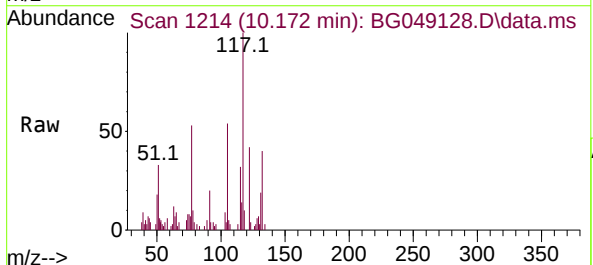
Instrument :
BNA_G
ClientSampleId :
LT-4

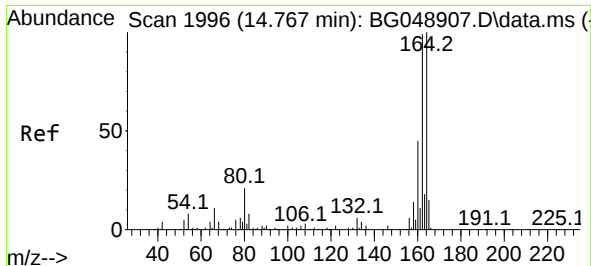
Tgt Ion: 82 Resp: 244799
Ion Ratio Lower Upper
82 100
128 36.2 29.8 44.6
54 61.0 45.8 68.8



#27
2,4-Dimethylphenol
Concen: 4.53 ng
RT: 10.172 min Scan# 1214
Delta R.T. 0.087 min
Lab File: BG049128.D
Acq: 28 Jun 2021 21:07

Tgt Ion: 122 Resp: 9175
Ion Ratio Lower Upper
122 100
107 7.6 110.1 165.1#
121 0.0 49.0 73.6#

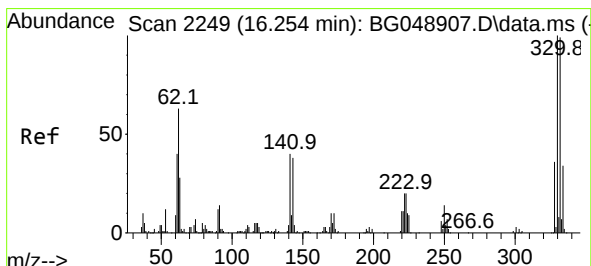
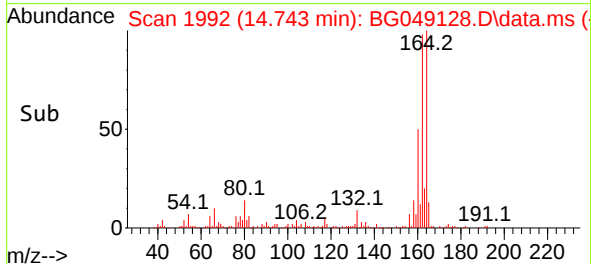
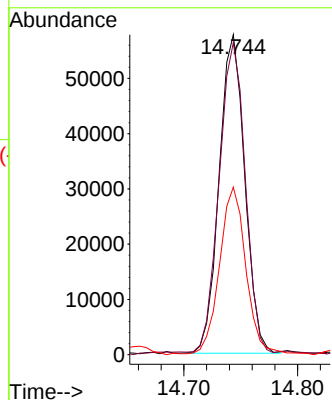
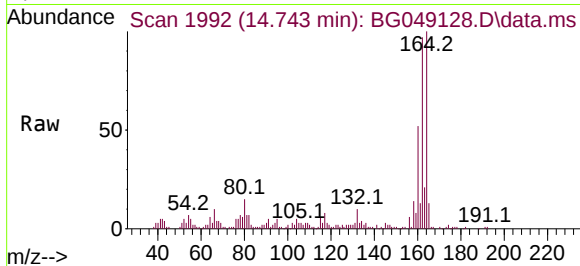




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1992
Delta R.T. -0.007 min
Lab File: BG049128.D
Acq: 28 Jun 2021 21:07

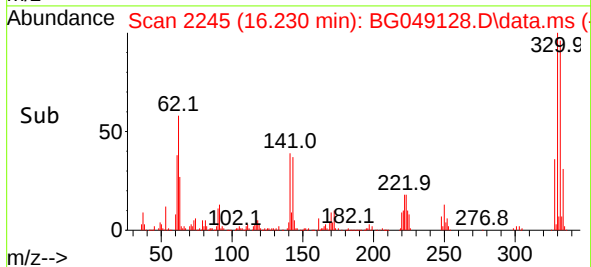
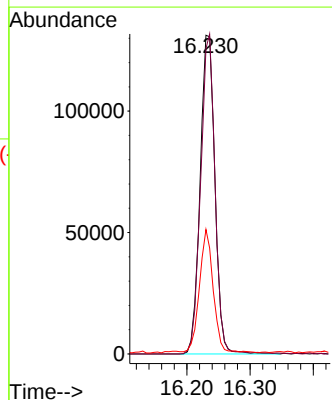
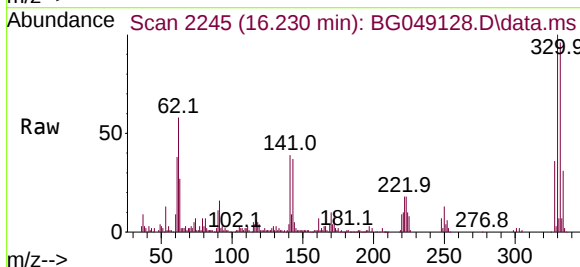
Instrument :
BNA_G
ClientSampleId :
LT-4

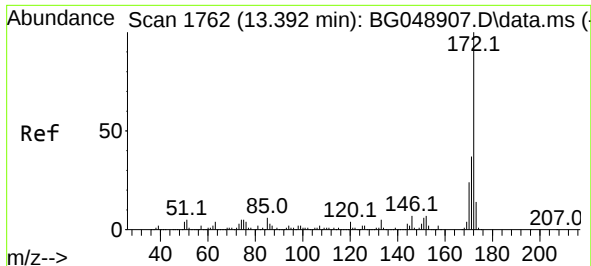
Tgt Ion:164 Resp: 90166
Ion Ratio Lower Upper
164 100
162 97.5 81.4 122.0
160 52.4 34.9 52.3#



#42
2,4,6-Tribromophenol
Concen: 159.53 ng
RT: 16.230 min Scan# 2245
Delta R.T. -0.007 min
Lab File: BG049128.D
Acq: 28 Jun 2021 21:07

Tgt Ion:330 Resp: 213109
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 36.3 35.6 53.4

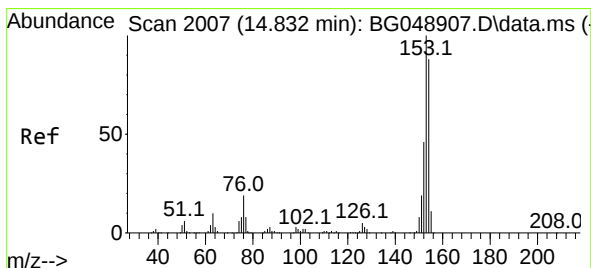
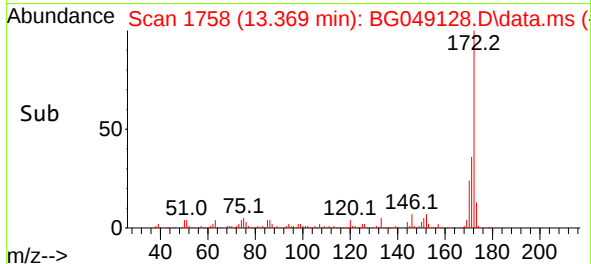
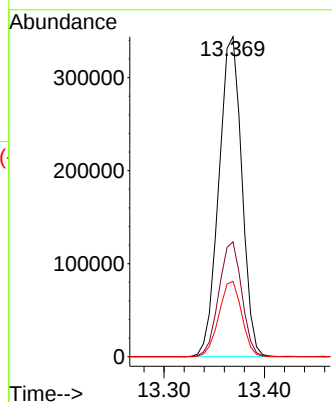
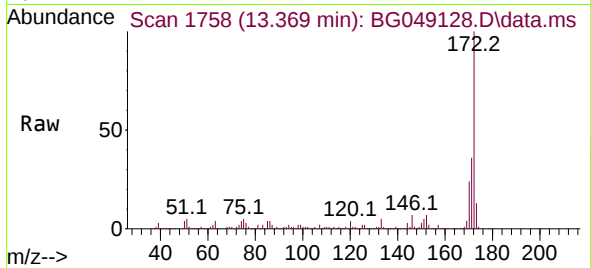




#45
2-Fluorobiphenyl
Concen: 85.44 ng
RT: 13.369 min Scan# 1758
Delta R.T. -0.001 min
Lab File: BG049128.D
Acq: 28 Jun 2021 21:07

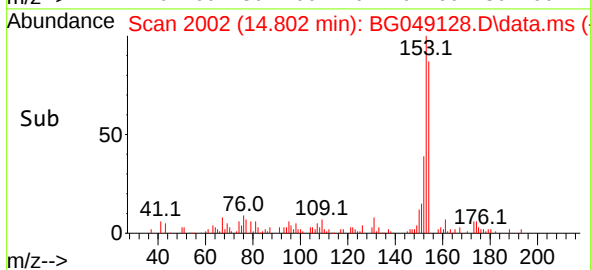
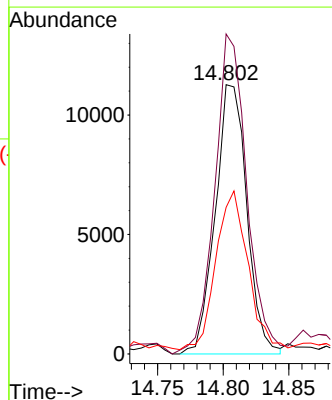
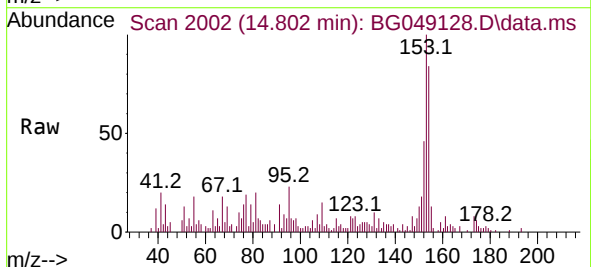
Instrument :
BNA_G
ClientSampled :
LT-4

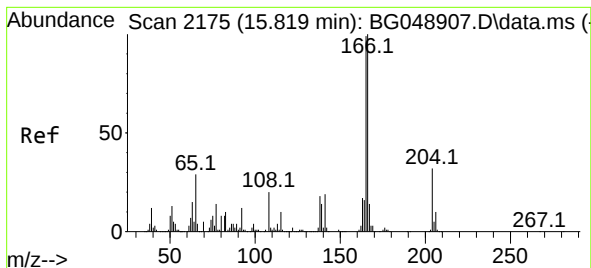
Tgt Ion:172 Resp: 545367
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.6 18.6 27.8



#52
Acenaphthene
Concen: 3.30 ng
RT: 14.802 min Scan# 2002
Delta R.T. -0.013 min
Lab File: BG049128.D
Acq: 28 Jun 2021 21:07

Tgt Ion:154 Resp: 18821
Ion Ratio Lower Upper
154 100
153 118.9 87.0 130.4
152 54.5 40.1 60.1

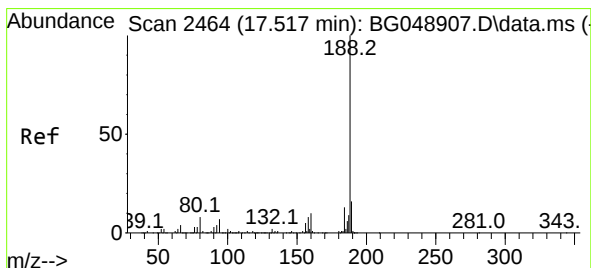
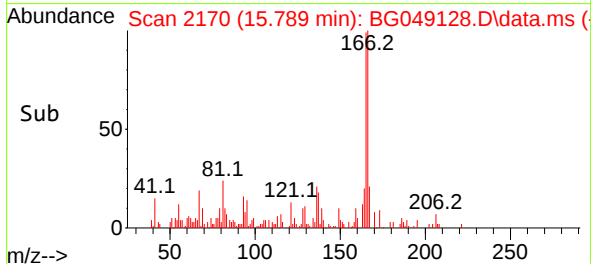
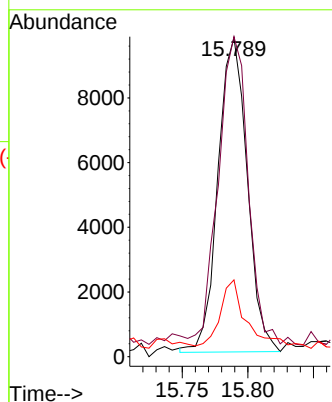
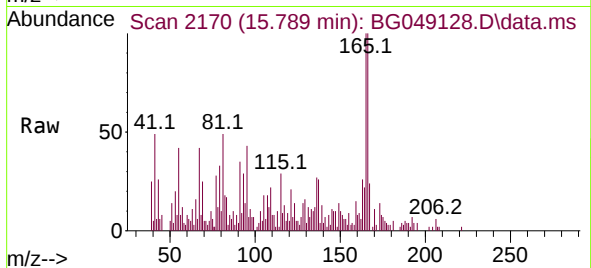




#58
Fluorene
Concen: 2.08 ng
RT: 15.789 min Scan# 2170
Delta R.T. -0.007 min
Lab File: BG049128.D
Acq: 28 Jun 2021 21:07

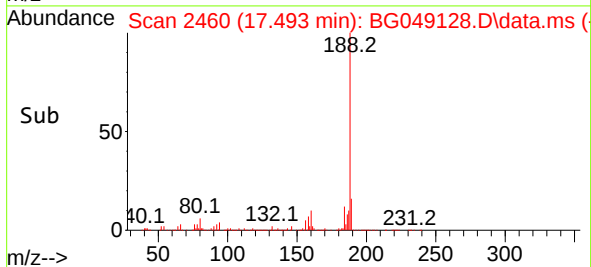
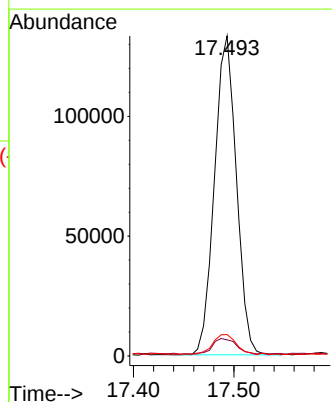
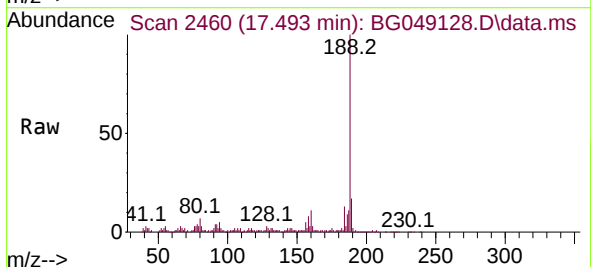
Instrument :
BNA_G
ClientSampled :
LT-4

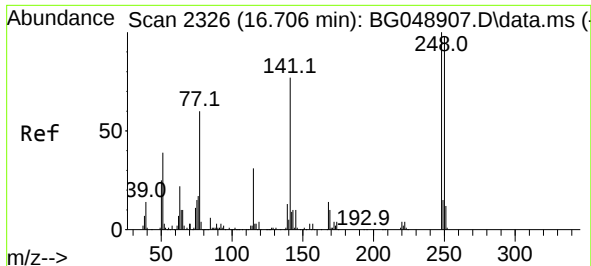
Tgt Ion:166 Resp: 15050
Ion Ratio Lower Upper
166 100
165 100.3 77.7 116.5
167 24.1 10.8 16.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2460
Delta R.T. -0.007 min
Lab File: BG049128.D
Acq: 28 Jun 2021 21:07

Tgt Ion:188 Resp: 201906
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 6.7 3.7 5.5#

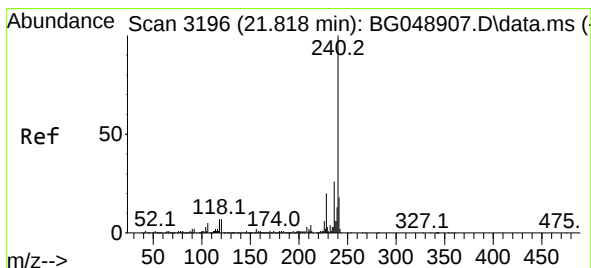
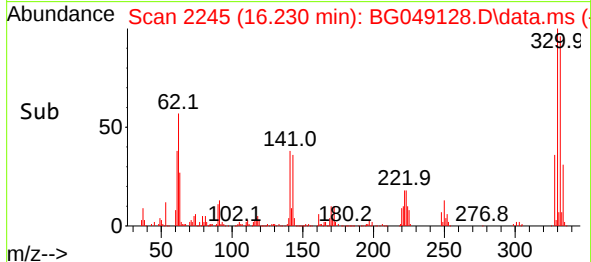
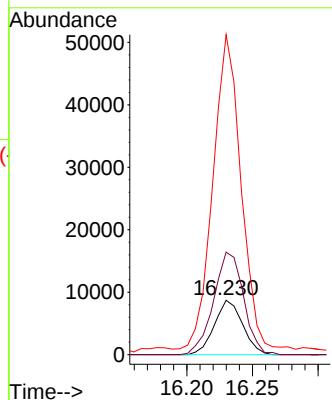
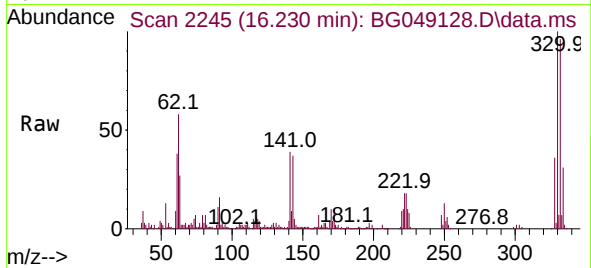




#67
4-Bromophenyl-phenylether
Concen: 5.16 ng
RT: 16.230 min Scan# 2245
Delta R.T. -0.454 min
Lab File: BG049128.D
Acq: 28 Jun 2021 21:07

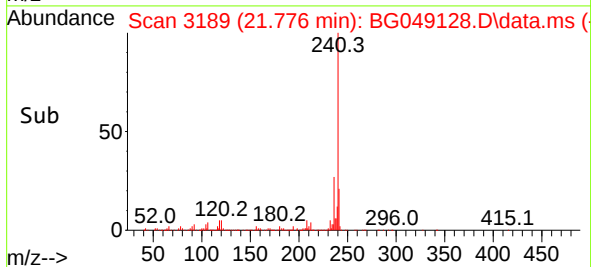
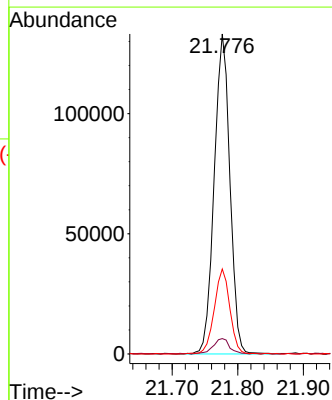
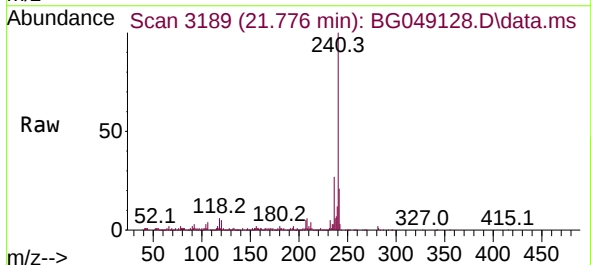
Instrument :
BNA_G
ClientSampled :
LT-4

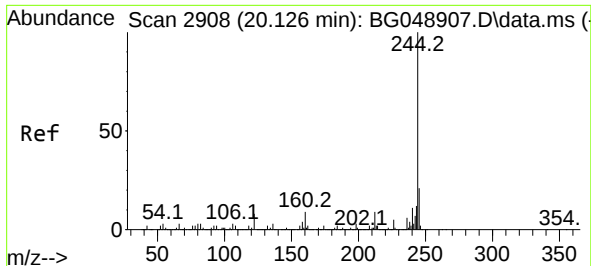
Tgt Ion:248 Resp: 13020
Ion Ratio Lower Upper
248 100
250 188.4 76.1 114.1#
141 587.4 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.776 min Scan# 3189
Delta R.T. -0.013 min
Lab File: BG049128.D
Acq: 28 Jun 2021 21:07

Tgt Ion:240 Resp: 220768
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 26.6 21.8 32.6

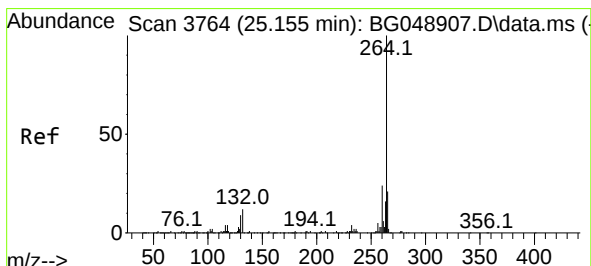
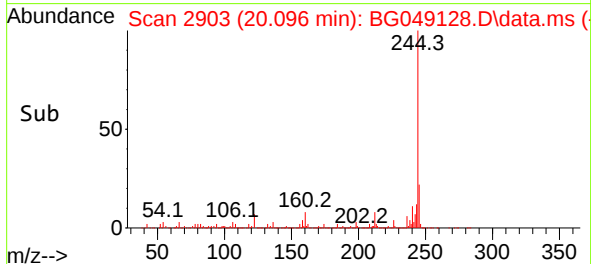
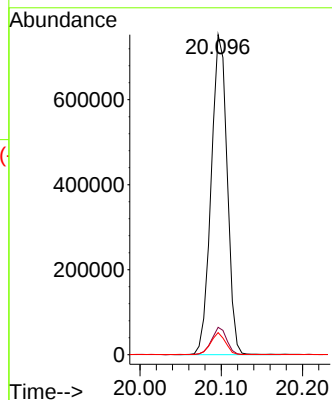
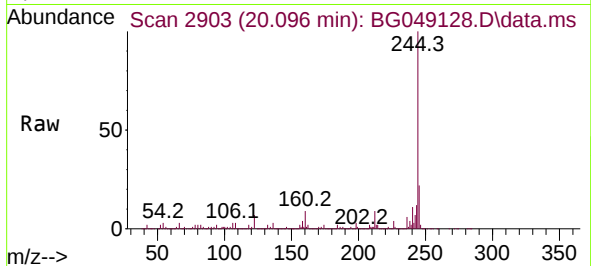




#79
 Terphenyl-d14
 Concen: 85.23 ng
 RT: 20.096 min Scan# 2903
 Delta R.T. -0.007 min
 Lab File: BG049128.D
 Acq: 28 Jun 2021 21:07

Instrument :
 BNA_G
 ClientSampleId :
 LT-4

Tgt Ion:244 Resp: 1027378
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.9 10.3
 122 6.9 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.090 min Scan# 3753
 Delta R.T. -0.013 min
 Lab File: BG049128.D
 Acq: 28 Jun 2021 21:07

Tgt Ion:264 Resp: 238618
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.4 29.2
 265 20.4 16.9 25.3

