

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
 Data File : BG049125.D
 Acq On : 28 Jun 2021 19:04
 Operator : CG/JU
 Sample : M2828-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ERM-19

Quant Time: Jun 29 04:01:10 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)

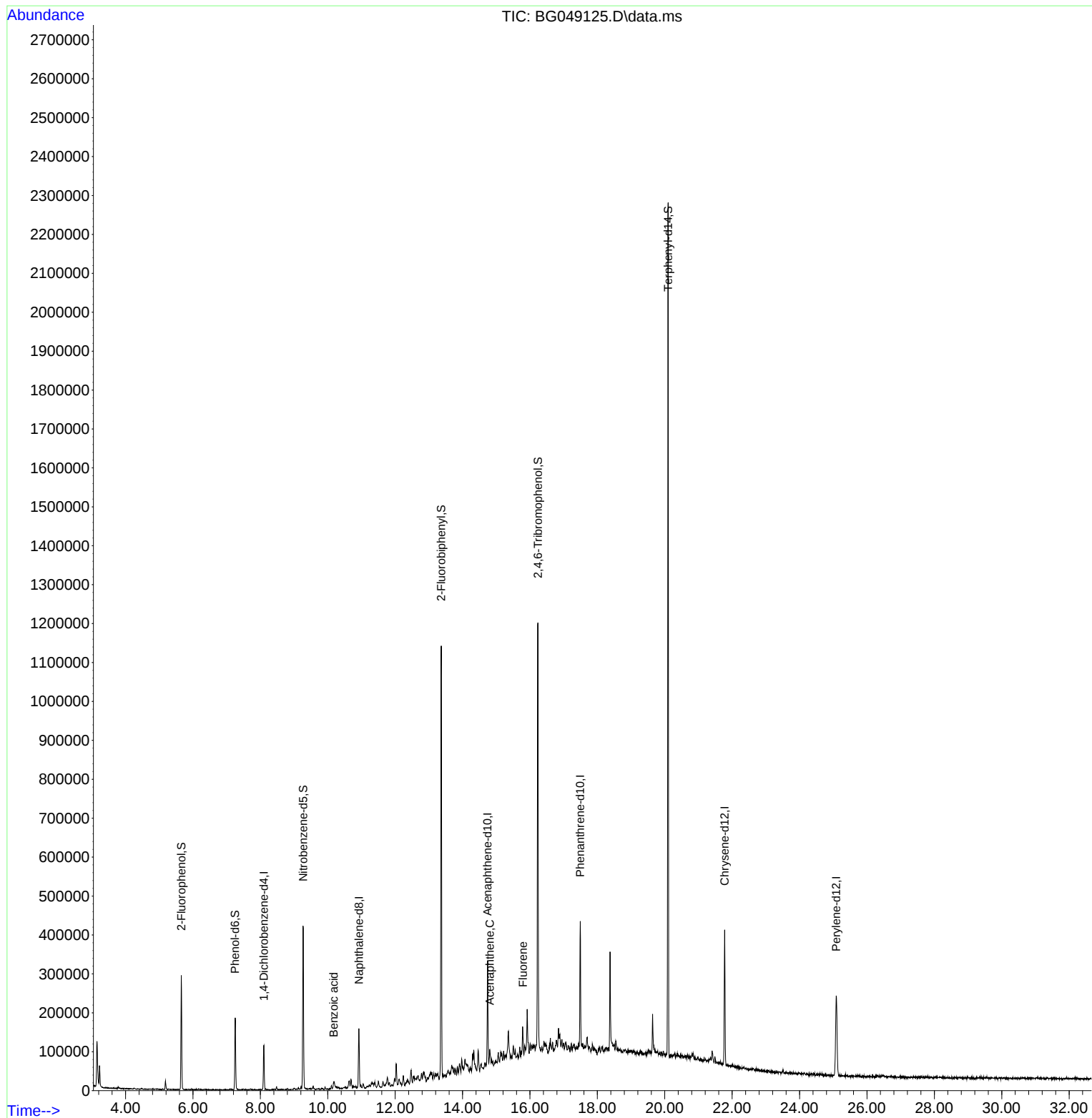
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	29536	20.000	ng	0.00
21) Naphthalene-d8	10.924	136	125722	20.000	ng	# 0.00
39) Acenaphthene-d10	14.743	164	94122	20.000	ng	0.00
64) Phenanthrene-d10	17.493	188	206998	20.000	ng	# 0.00
76) Chrysene-d12	21.776	240	218929	20.000	ng	-0.01
86) Perylene-d12	25.090	264	234835	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	116602	61.454	ng	0.00
7) Phenol-d6	7.252	99	96466	33.922	ng	0.00
23) Nitrobenzene-d5	9.267	82	253749	87.030	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	222057	159.241	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	570013	85.552	ng	0.00
79) Terphenyl-d14	20.101	244	1063107	88.932	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.178	122	9498	7.199	ng	85
52) Acenaphthene	14.808	154	14804	2.487	ng	94
58) Fluorene	15.789	166	16085	2.126	ng	98

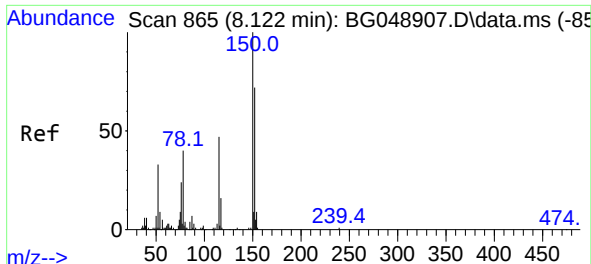
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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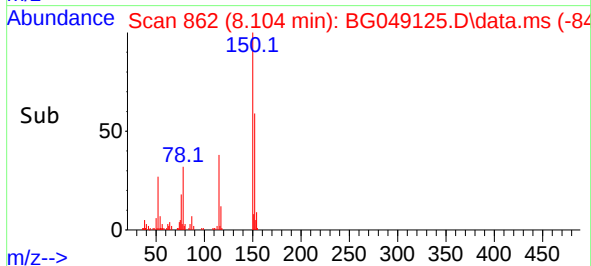
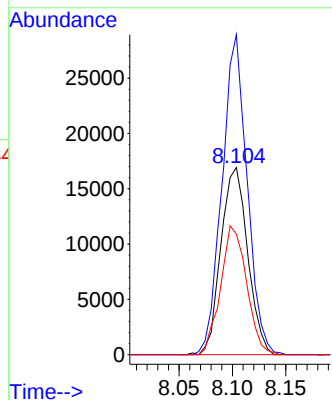
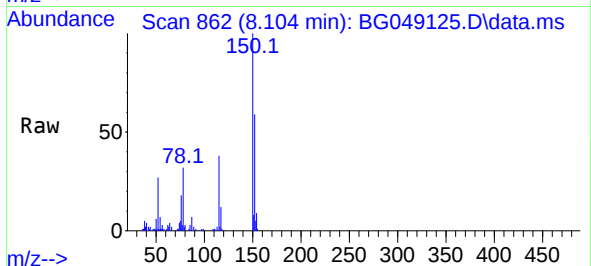




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.104 min Scan# 862
Delta R.T. -0.001 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

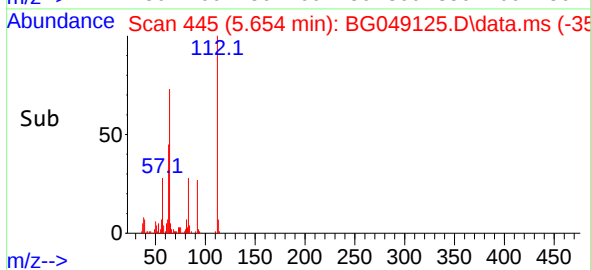
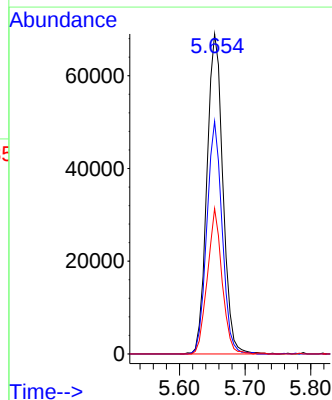
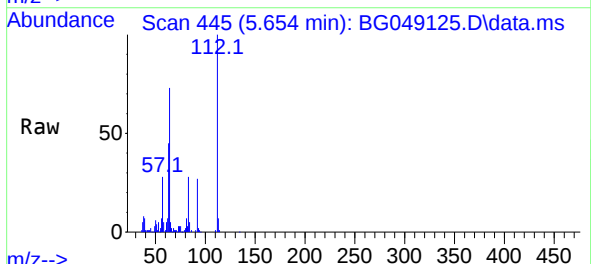
Instrument :
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ERM-19

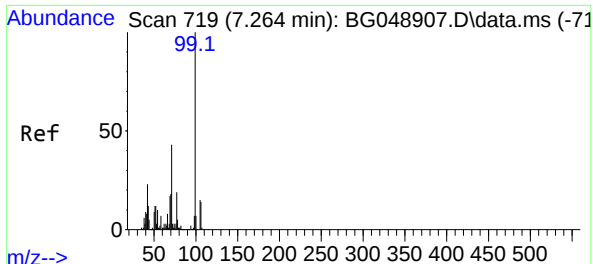
Tgt Ion:152 Resp: 29536
Ion Ratio Lower Upper
152 100
150 170.9 119.4 179.0
115 64.4 60.2 90.4



#5
2-Fluorophenol
Concen: 61.454 ng
RT: 5.654 min Scan# 445
Delta R.T. -0.002 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

Tgt Ion:112 Resp: 116602
Ion Ratio Lower Upper
112 100
64 72.7 46.7 70.1#
63 45.5 35.3 52.9

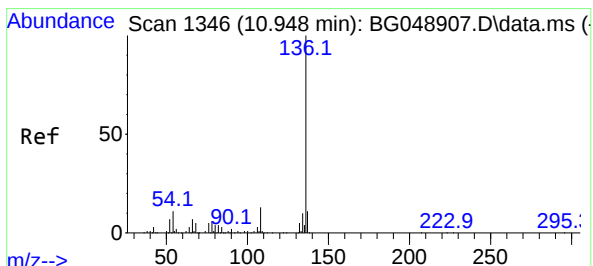
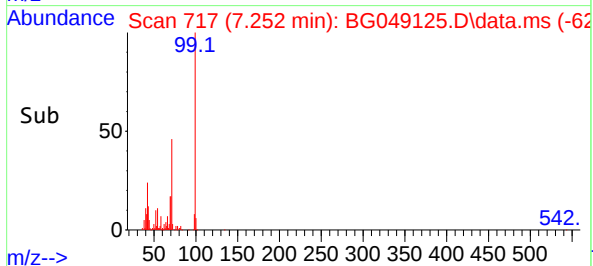
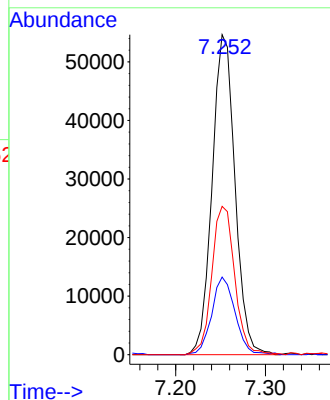
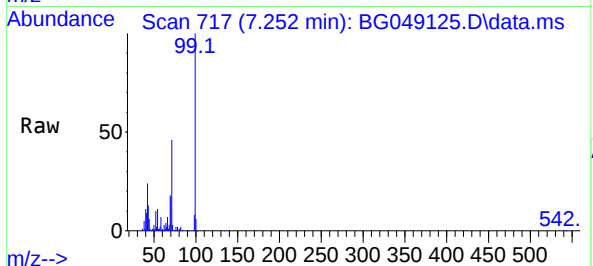




#7
Phenol-d6
Concen: 33.922 ng
RT: 7.252 min Scan# 717
Delta R.T. -0.008 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

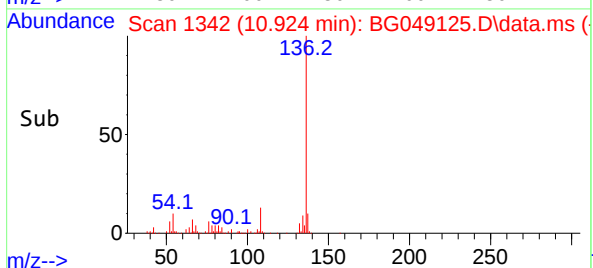
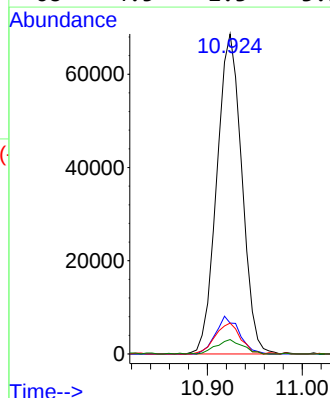
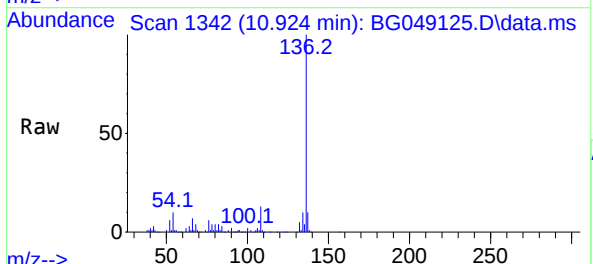
Instrument :
BNA_G
ClientSampleId :
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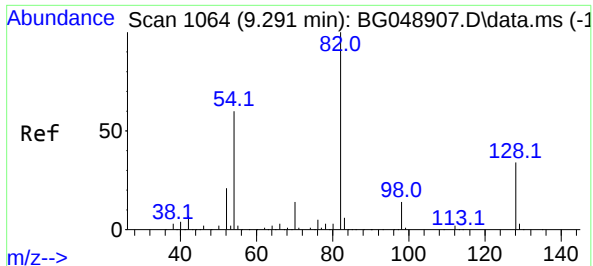
Tgt Ion:	99	Resp:	96466
Ion	Ratio	Lower	Upper
99	100		
42	24.3	20.5	30.7
71	46.3	41.5	62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.924 min Scan# 1342
Delta R.T. -0.002 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

Tgt Ion:	136	Resp:	125722
Ion	Ratio	Lower	Upper
136	100		
137	9.6	8.2	12.2
54	9.7	5.5	8.3#
68	4.5	2.3	3.5#

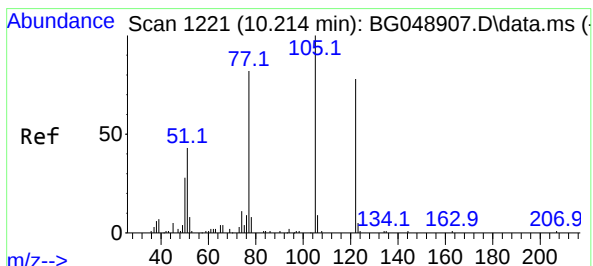
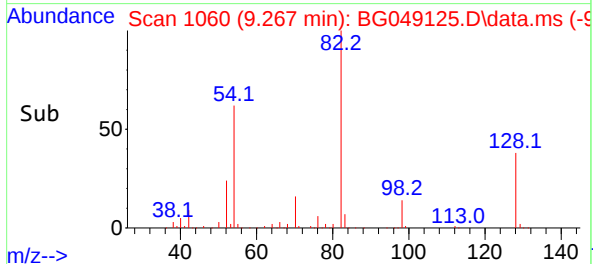
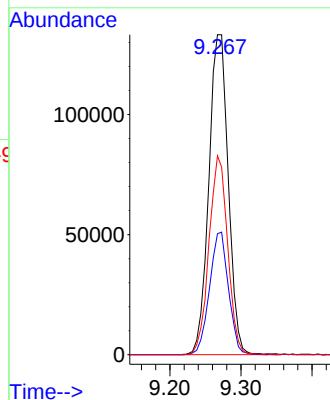
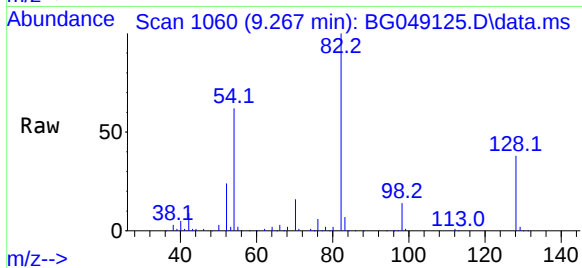




#23
Nitrobenzene-d5
Concen: 87.030 ng
RT: 9.267 min Scan# 1060
Delta R.T. -0.008 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

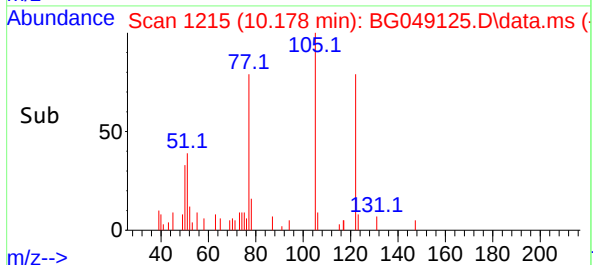
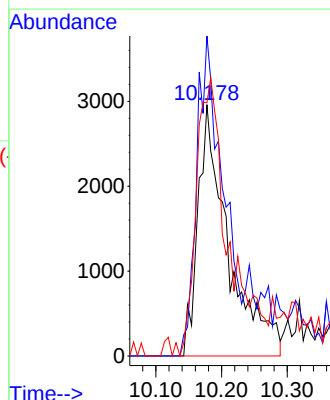
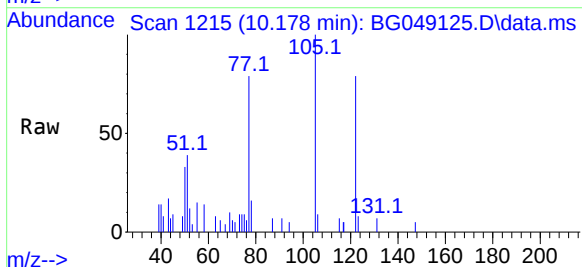
Instrument :
BNA_G
ClientSampleId :
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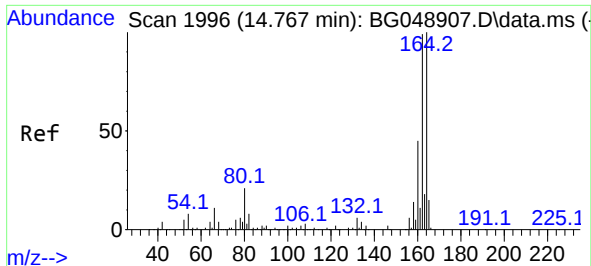
Tgt Ion: 82 Resp: 253749
Ion Ratio Lower Upper
82 100
128 37.8 29.8 44.6
54 62.2 45.8 68.8



#32
Benzoic acid
Concen: 7.199 ng
RT: 10.178 min Scan# 1215
Delta R.T. -0.055 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

Tgt Ion:122 Resp: 9498
Ion Ratio Lower Upper
122 100
105 127.3 92.3 132.3
77 100.7 66.5 106.5

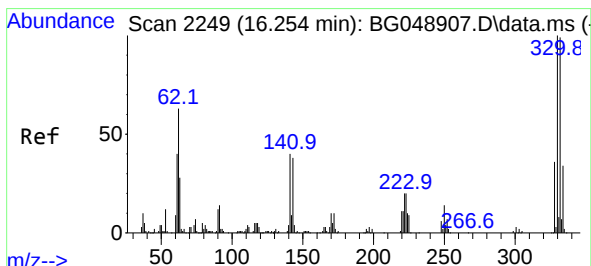
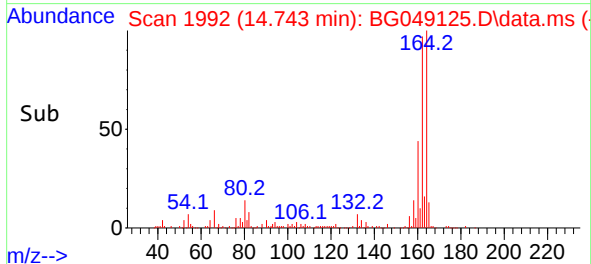
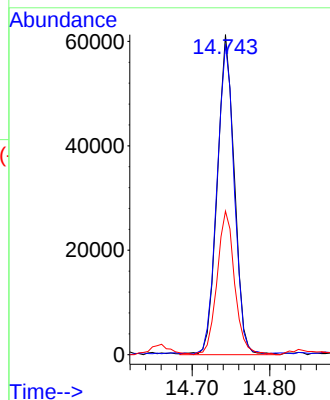
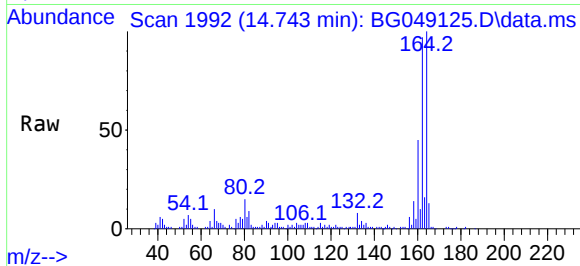




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.743 min Scan# 1992
Delta R.T. -0.008 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

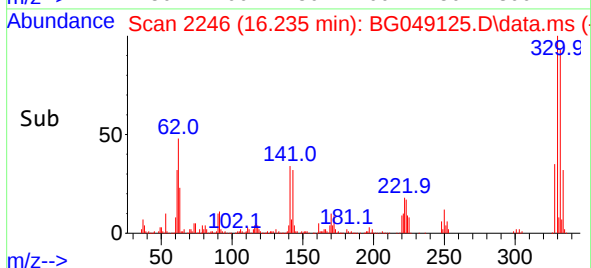
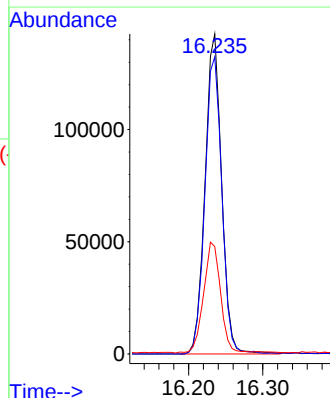
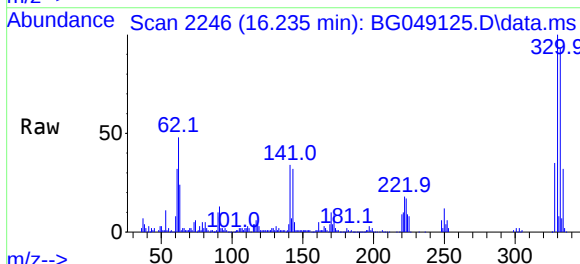
Instrument :
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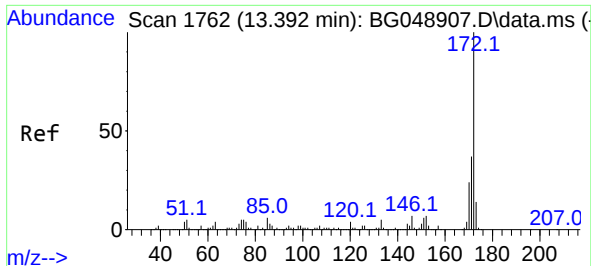
Tgt Ion:164 Resp: 94122
Ion Ratio Lower Upper
164 100
162 97.2 81.4 122.0
160 44.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 159.241 ng
RT: 16.235 min Scan# 2246
Delta R.T. -0.002 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

Tgt Ion:330 Resp: 222057
Ion Ratio Lower Upper
330 100
332 94.8 77.3 115.9
141 36.1 35.6 53.4



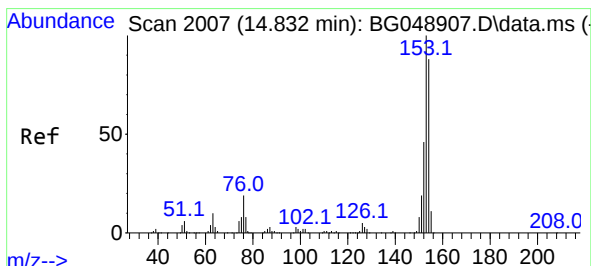
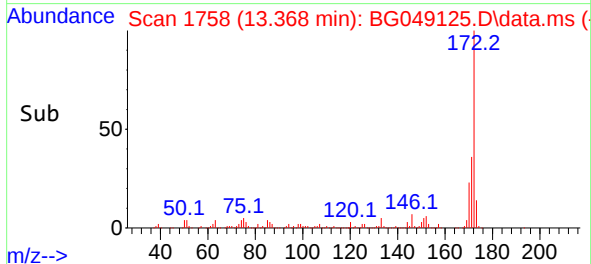
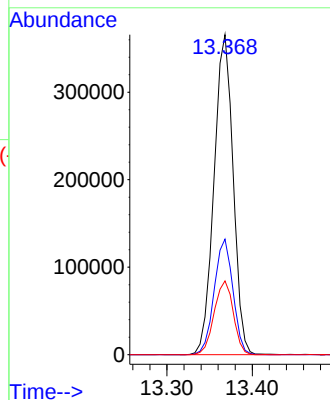
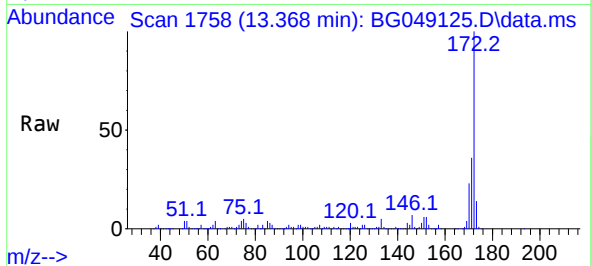


#45
2-Fluorobiphenyl
Concen: 85.552 ng
RT: 13.368 min Scan# 1758
Delta R.T. -0.002 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

Instrument :
BNA_G
ClientSampleId :
ERM-19

Tgt Ion:172 Resp: 570013

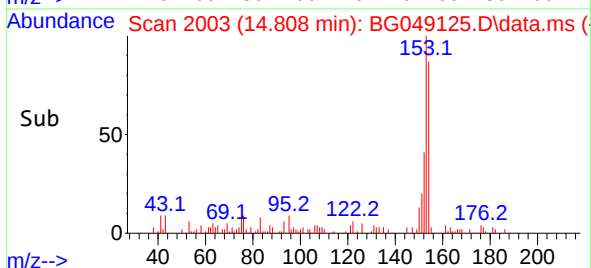
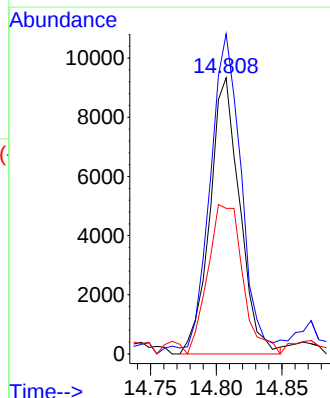
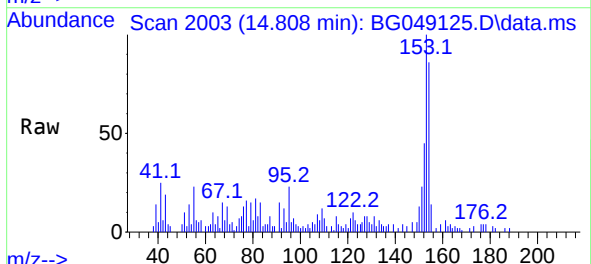
Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.1	18.6	27.8

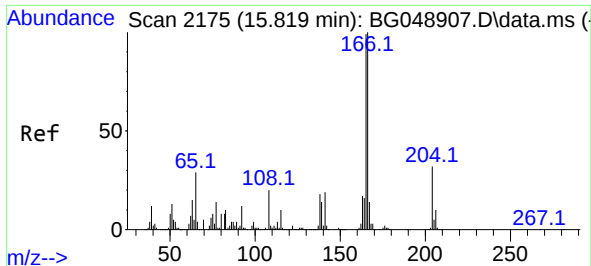


#52
Acenaphthene
Concen: 2.487 ng
RT: 14.808 min Scan# 2003
Delta R.T. -0.008 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

Tgt Ion:154 Resp: 14804

Ion	Ratio	Lower	Upper
154	100		
153	115.9	87.0	130.4
152	52.7	40.1	60.1

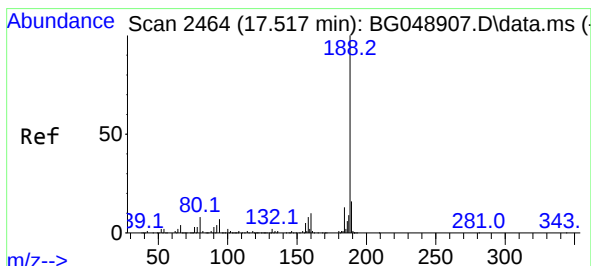
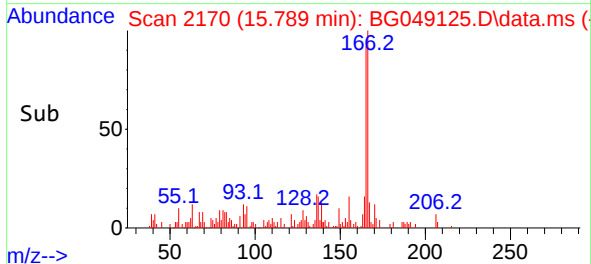
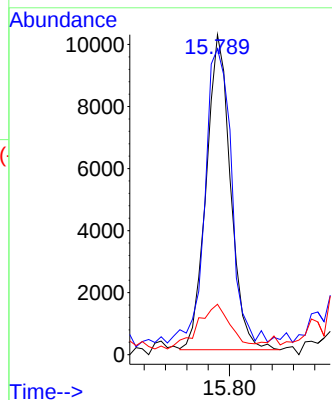
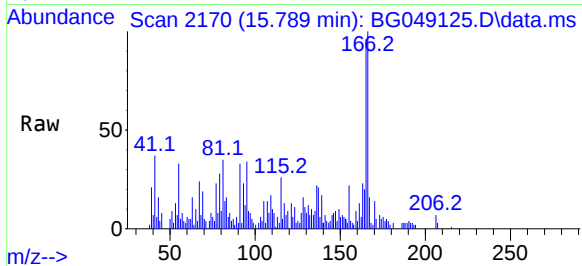




#58
Fluorene
Concen: 2.126 ng
RT: 15.789 min Scan# 2170
Delta R.T. -0.008 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

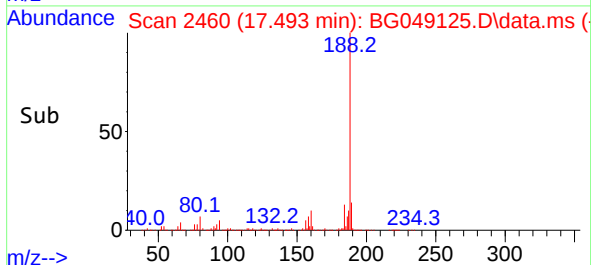
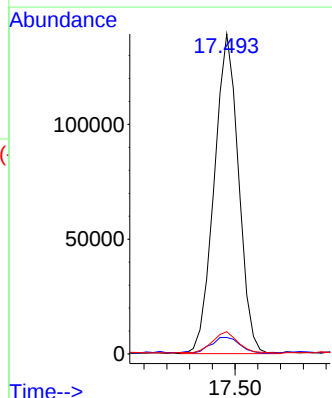
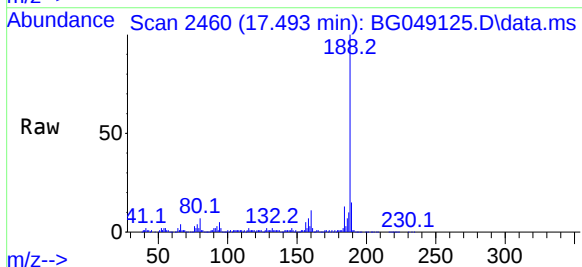
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ERM-19

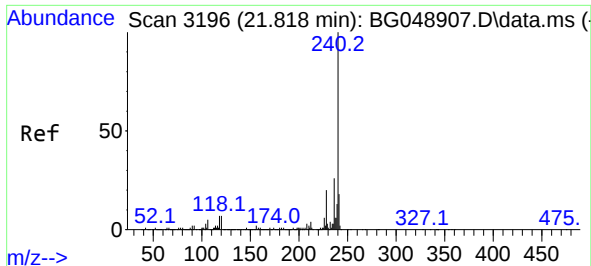
Tgt Ion:166 Resp: 16085
Ion Ratio Lower Upper
166 100
165 95.6 77.7 116.5
167 15.7 10.8 16.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.493 min Scan# 2460
Delta R.T. -0.008 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

Tgt Ion:188 Resp: 206998
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 7.0 3.7 5.5#



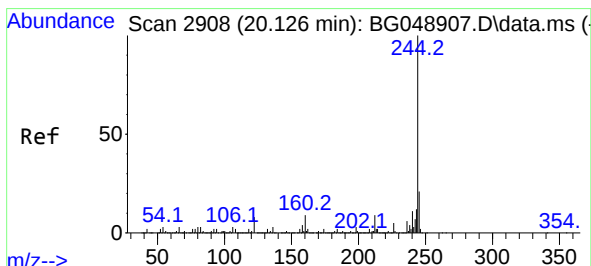
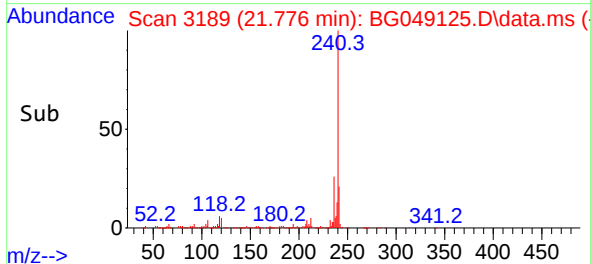
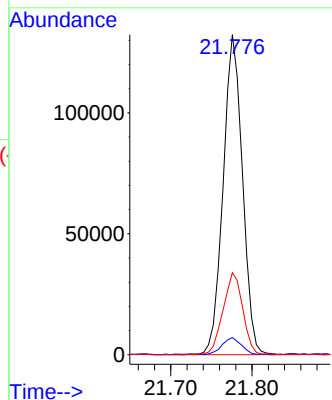
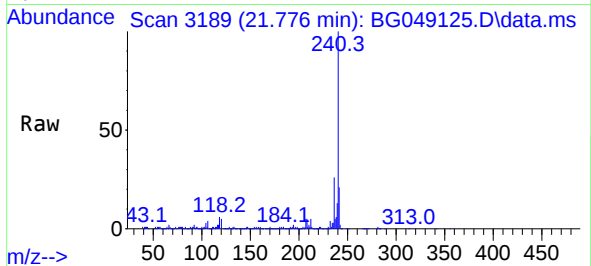


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.776 min Scan# 3189
Delta R.T. -0.014 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

Instrument :
BNA_G
ClientSampleId :
ERM-19

Tgt Ion:240 Resp: 218929

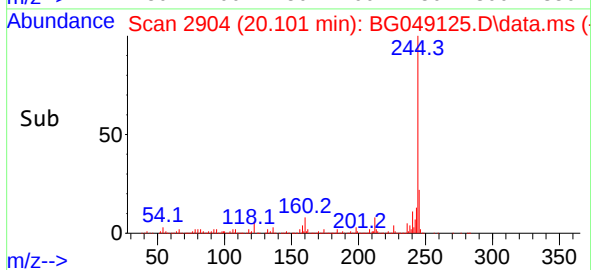
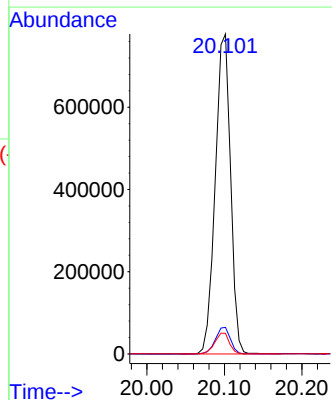
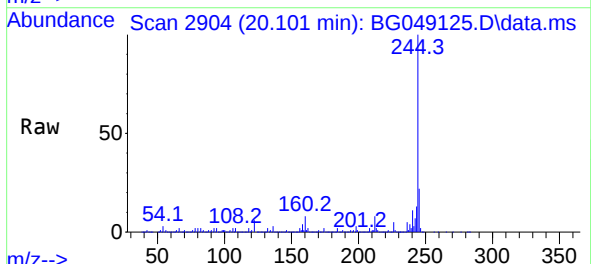
Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.2	6.2
236	25.6	21.8	32.6

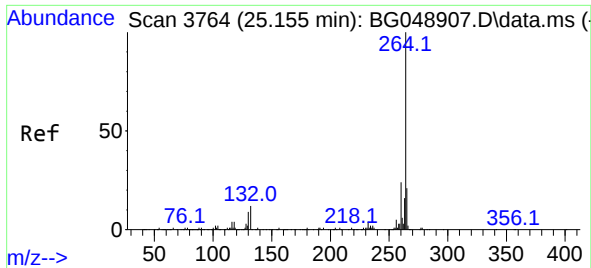


#79
Terphenyl-d14
Concen: 88.932 ng
RT: 20.101 min Scan# 2904
Delta R.T. -0.002 min
Lab File: BG049125.D
Acq: 28 Jun 2021 19:04

Tgt Ion:244 Resp: 1063107

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	6.4	5.0	7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.090 min Scan# 3753
 Delta R.T. -0.014 min
 Lab File: BG049125.D
 Acq: 28 Jun 2021 19:04

Instrument :
 BNA_G
 ClientSampleId :
 ERM-19

Tgt Ion:264 Resp: 234835

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.0	16.9	25.3

