

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
 Data File : BG054134.D
 Acq On : 29 Jun 2022 2:02
 Operator : CG/JU
 Sample : N3494-11 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-1-5

Quant Time: Jun 29 02:37:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

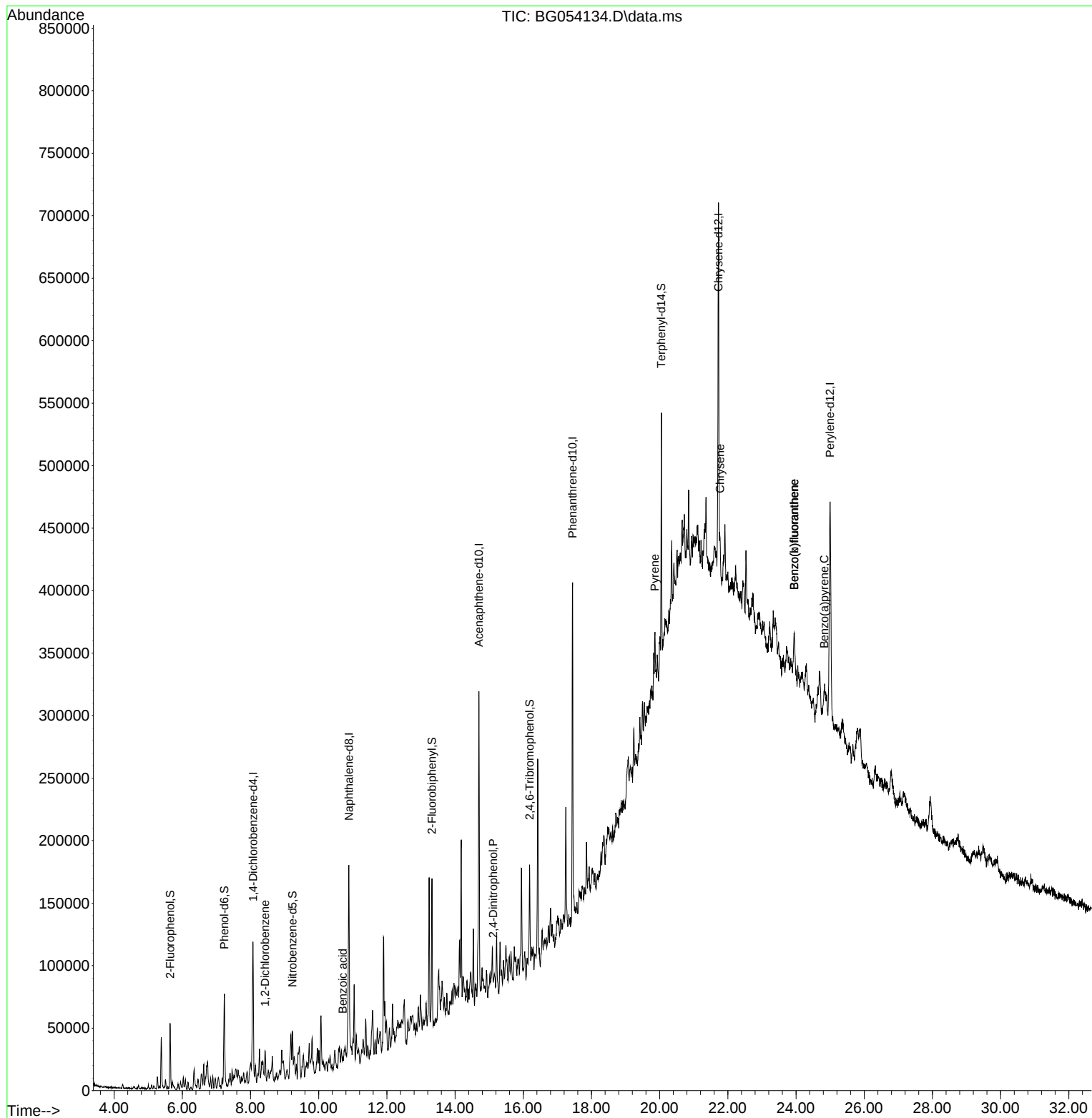
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	33168	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	129676	20.000	ng	0.00
39) Acenaphthene-d10	14.698	164	87658	20.000	ng	0.00
64) Phenanthrene-d10	17.447	188	186301	20.000	ng	0.00
76) Chrysene-d12	21.725	240	196563	20.000	ng	0.00
86) Perylene-d12	24.997	264	201560	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	25897	14.928	ng	0.00
7) Phenol-d6	7.236	99	34189	14.528	ng	0.00
23) Nitrobenzene-d5	9.233	82	24406	10.577	ng	0.00
42) 2,4,6-Tribromophenol	16.184	330	18314	13.004	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	61296	10.168	ng	0.00
79) Terphenyl-d14	20.050	244	102504	10.503	ng	0.00
Target Compounds						
						Qvalue
14) 1,2-Dichlorobenzene	8.428	146	7338	3.279	ng	92
32) Benzoic acid	10.702	122	88	11.380	ng	94
54) 2,4-Dinitrophenol	15.121	184	63	7.128	ng	# 68
78) Pyrene	19.856	202	32367	2.726	ng	# 89
83) Chrysene	21.772	228	34111	2.812	ng	# 83
88) Benzo(b)fluoranthene	23.946	252	34612	2.824	ng	# 69
89) Benzo(k)fluoranthene	23.946	252	34612	2.852	ng	# 70
90) Benzo(a)pyrene	24.833	252	26238	2.537	ng	# 68

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

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SP-EXC-1-5

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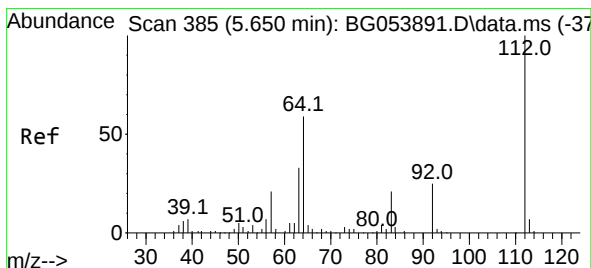
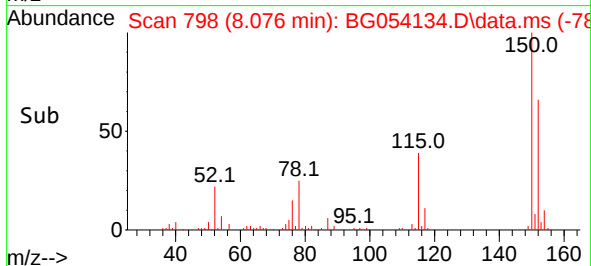
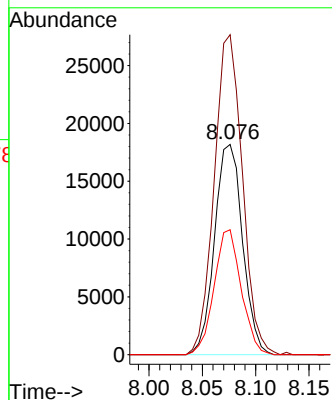
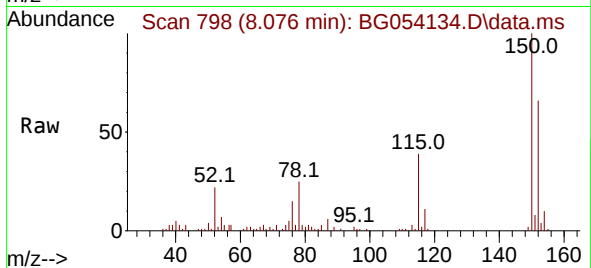




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.076 min Scan# 79
Delta R.T. 0.006 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02

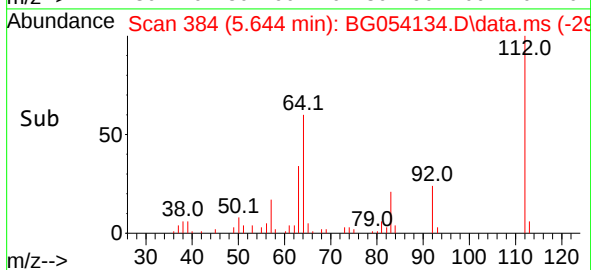
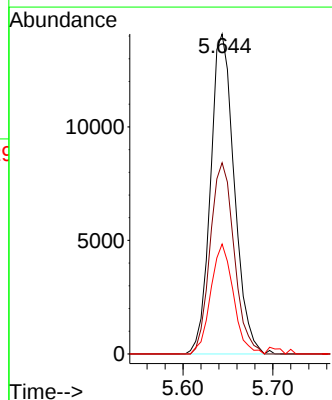
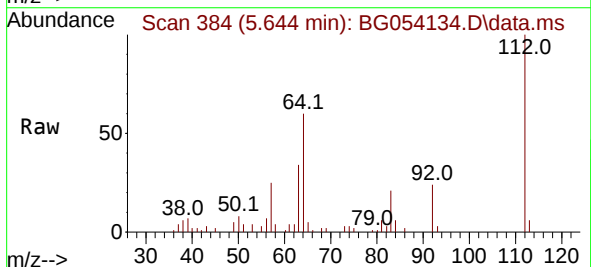
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-5

Tgt Ion:152 Resp: 33168
Ion Ratio Lower Upper
152 100
150 152.2 131.6 197.4
115 59.4 50.9 76.3



#5
2-Fluorophenol
Concen: 14.928 ng
RT: 5.644 min Scan# 384
Delta R.T. 0.006 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02

Tgt Ion:112 Resp: 25897
Ion Ratio Lower Upper
112 100
64 59.8 55.1 82.7
63 34.4 30.4 45.6

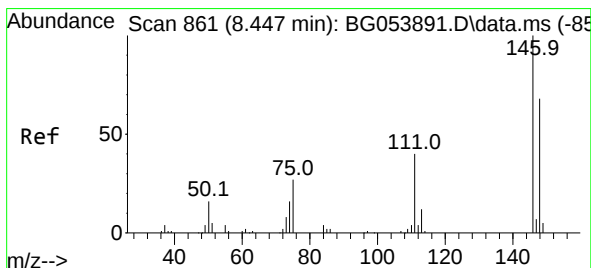
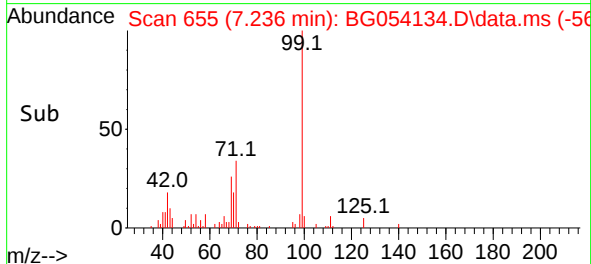
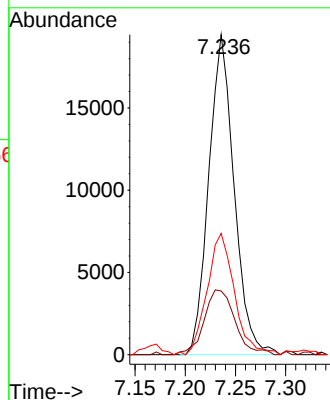
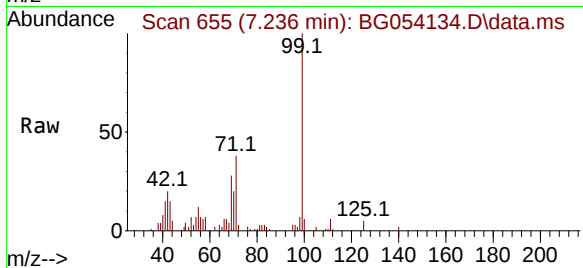




#7
Phenol-d6
Concen: 14.528 ng
RT: 7.236 min Scan# 611
Delta R.T. 0.006 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02

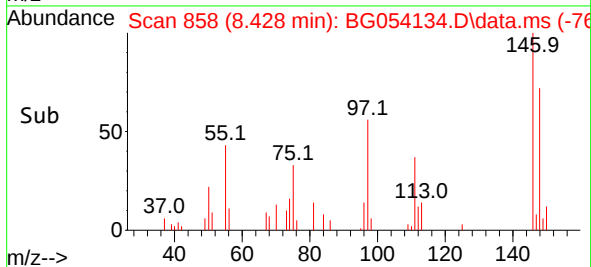
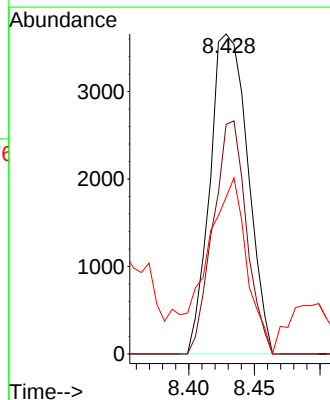
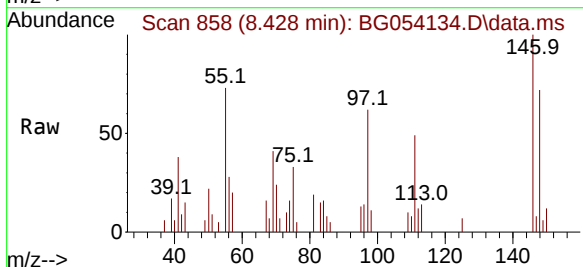
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-5

Tgt Ion:	99	Resp:	34189
Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.0	25.6
71	37.9	33.8	50.8



#14
1,2-Dichlorobenzene
Concen: 3.279 ng
RT: 8.428 min Scan# 858
Delta R.T. -0.000 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02

Tgt Ion:	146	Resp:	7338
Ion	Ratio	Lower	Upper
146	100		
148	71.8	52.6	78.8
111	49.0	34.5	51.7

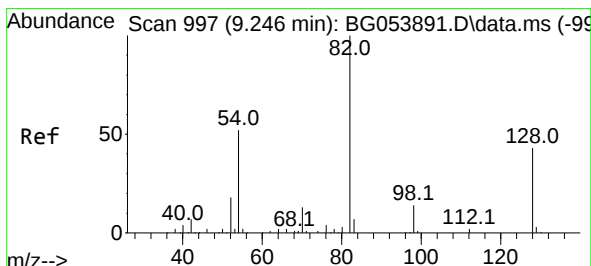
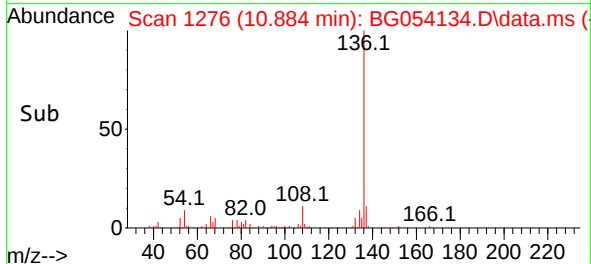
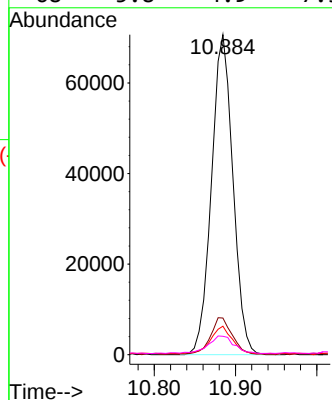
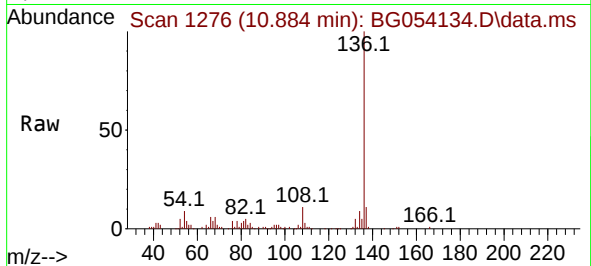




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.884 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02

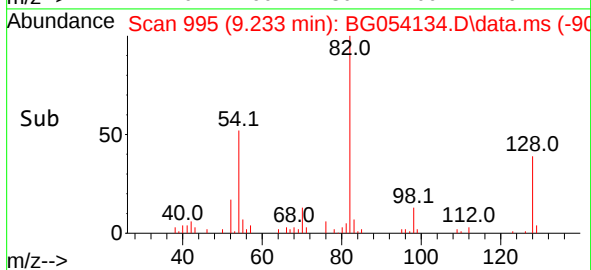
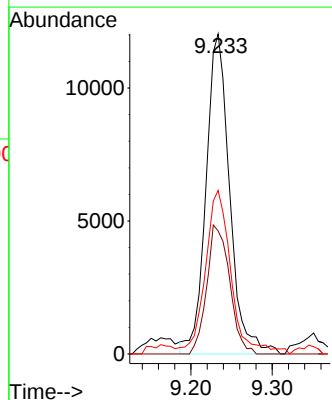
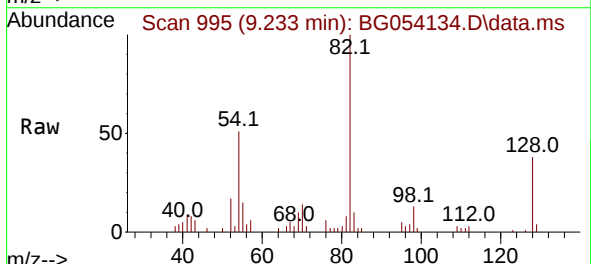
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-5

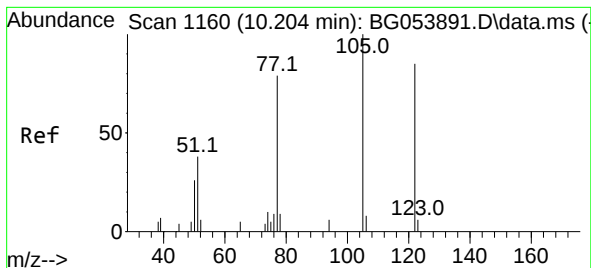
Tgt Ion:	136	Resp:	129676
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.5	12.7
54	8.9	7.4	11.2
68	5.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 10.577 ng
RT: 9.233 min Scan# 995
Delta R.T. -0.000 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02

Tgt Ion:	82	Resp:	24406
Ion Ratio	Lower	Upper	
82	100		
128	38.4	27.9	41.9
54	51.1	41.2	61.8





#32

Benzoic acid

Concen: 11.380 ng

RT: 10.702 min Scan# 1160

Delta R.T. 0.505 min

Lab File: BG054134.D

Acq: 29 Jun 2022 2:02

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-5

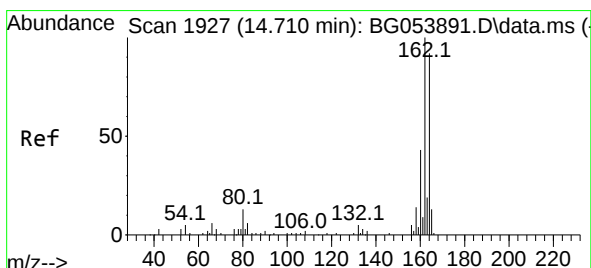
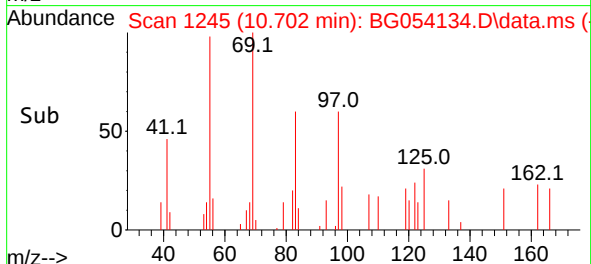
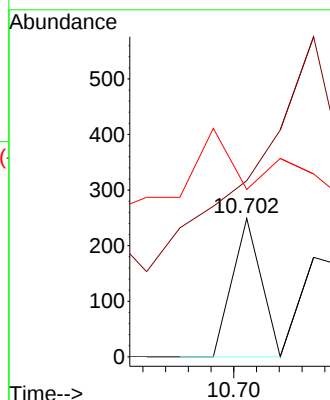
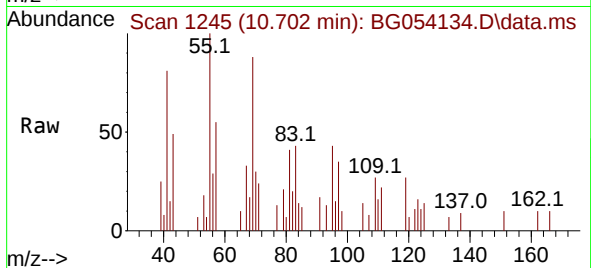
Tgt Ion:122 Resp: 88

Ion Ratio Lower Upper

122 100

105 127.3 111.8 151.8

77 120.9 109.4 149.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.698 min Scan# 1925

Delta R.T. -0.000 min

Lab File: BG054134.D

Acq: 29 Jun 2022 2:02

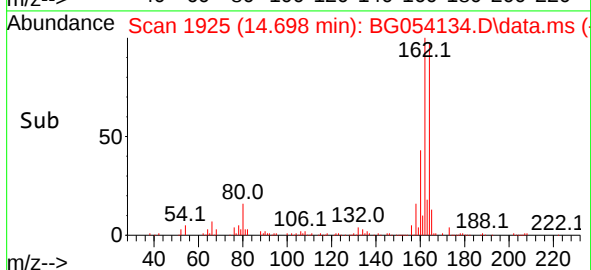
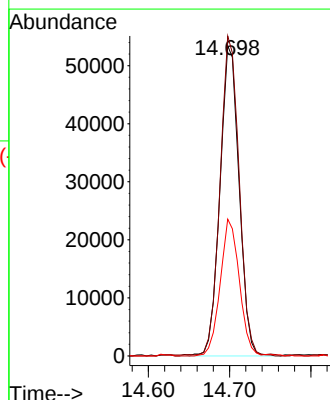
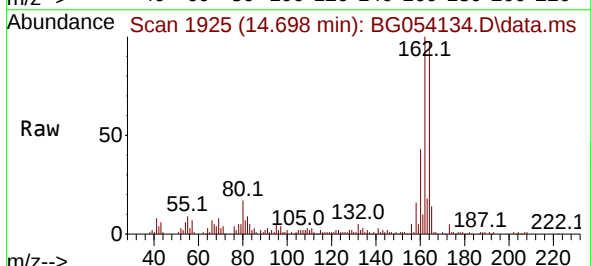
Tgt Ion:164 Resp: 87658

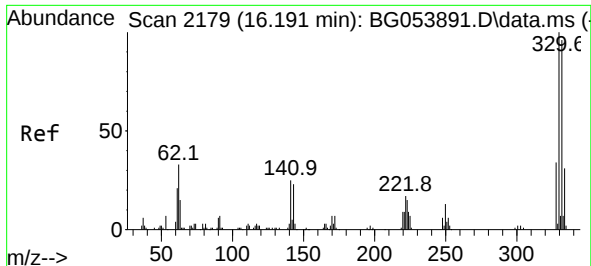
Ion Ratio Lower Upper

164 100

162 103.2 82.3 123.5

160 44.1 34.2 51.2

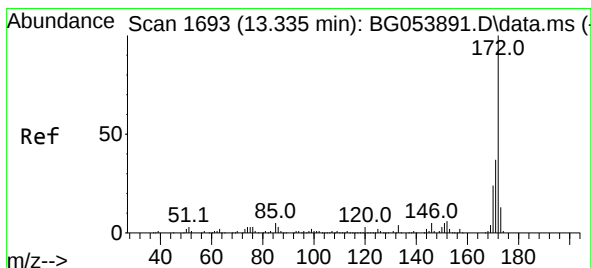
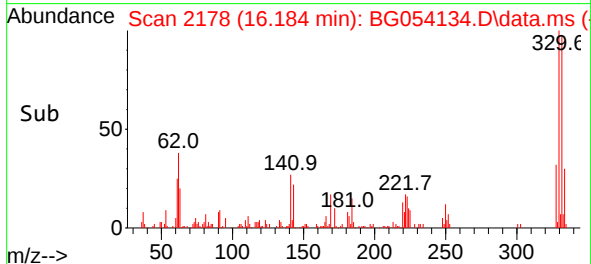
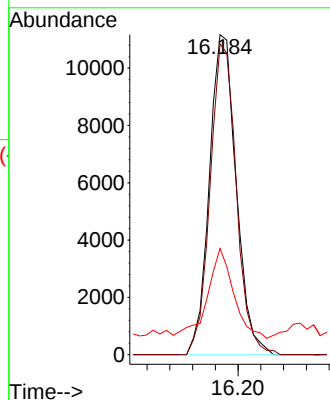
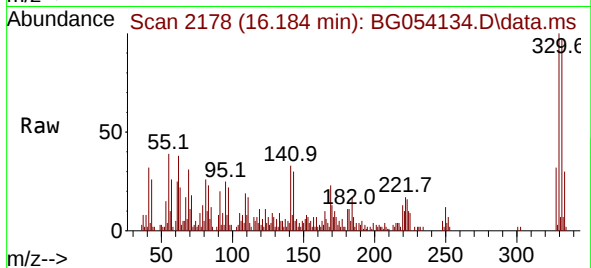




#42
2,4,6-Tribromophenol
Concen: 13.004 ng
RT: 16.184 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02

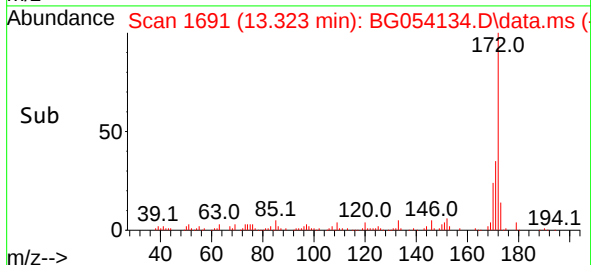
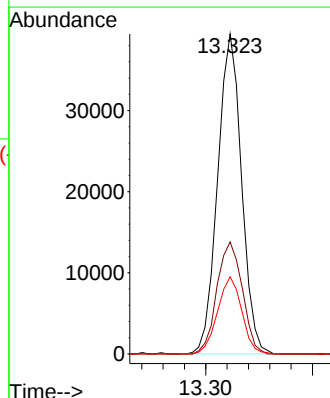
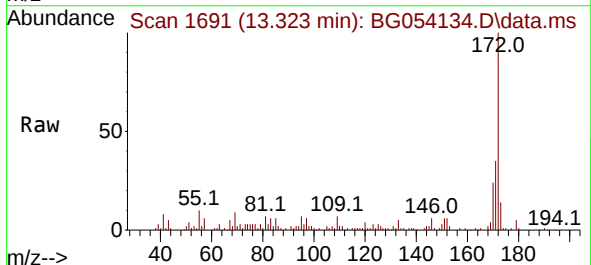
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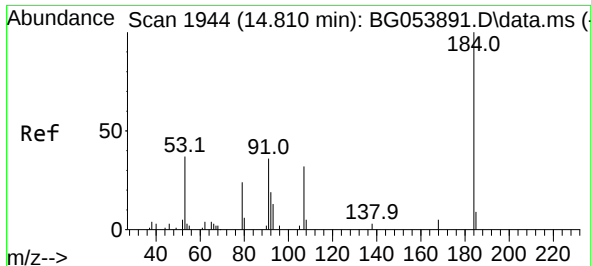
Tgt Ion:330 Resp: 18314
Ion Ratio Lower Upper
330 100
332 94.8 76.0 114.0
141 27.4 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 10.168 ng
RT: 13.323 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02

Tgt Ion:172 Resp: 61296
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 24.1 18.9 28.3

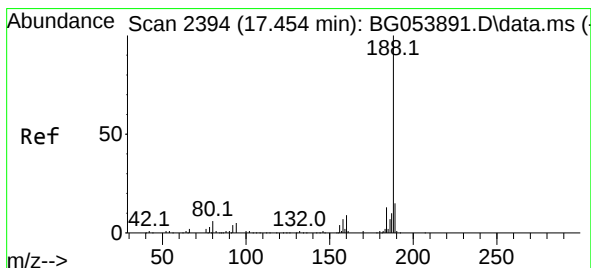
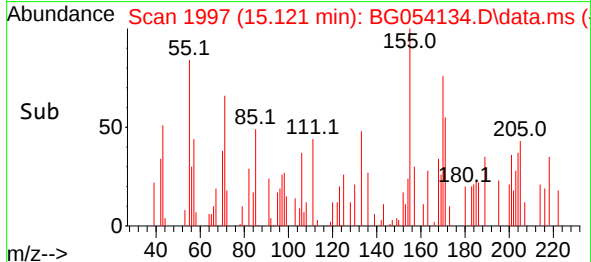
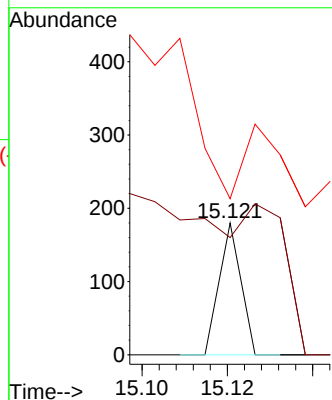
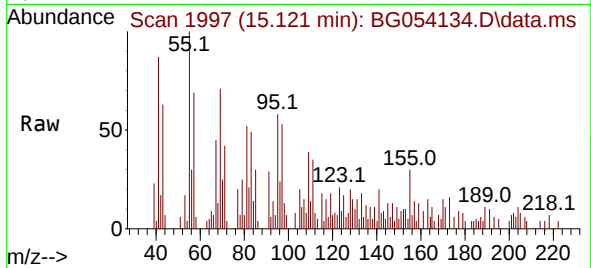




#54
2,4-Dinitrophenol
Concen: 7.128 ng
RT: 15.121 min Scan# 1944
Delta R.T. 0.317 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02

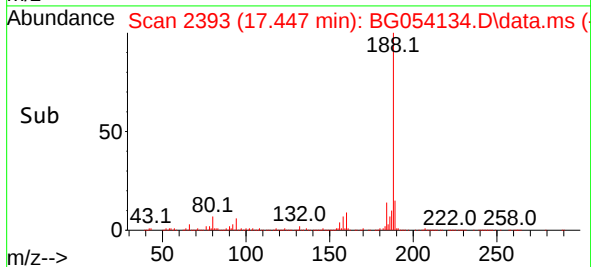
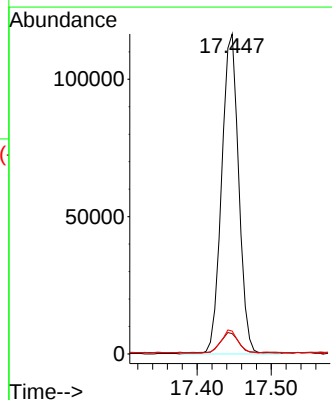
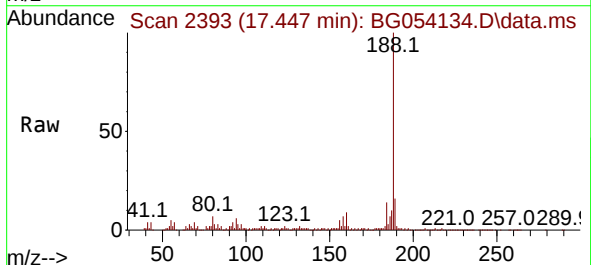
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SP-EXC-1-5

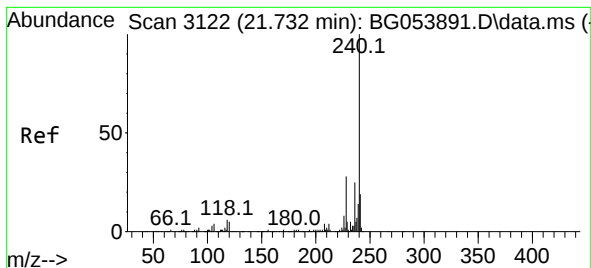
Tgt Ion:184 Resp: 63
Ion Ratio Lower Upper
184 100
63 88.9 61.1 91.7
154 118.3 60.6 91.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.447 min Scan# 2393
Delta R.T. 0.006 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02

Tgt Ion:188 Resp: 186301
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 7.2 6.8 10.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.725 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG054134.D

Acq: 29 Jun 2022 2:02

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-5

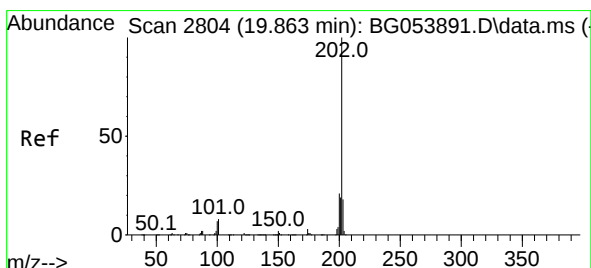
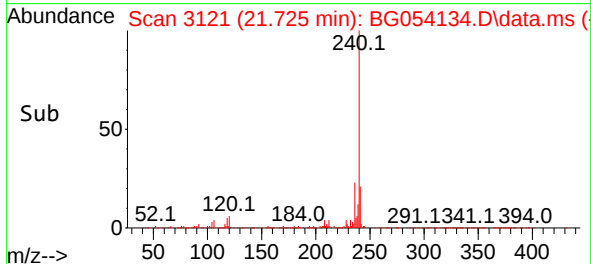
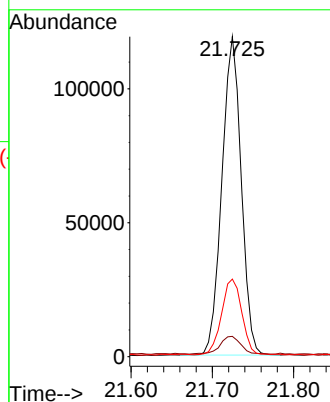
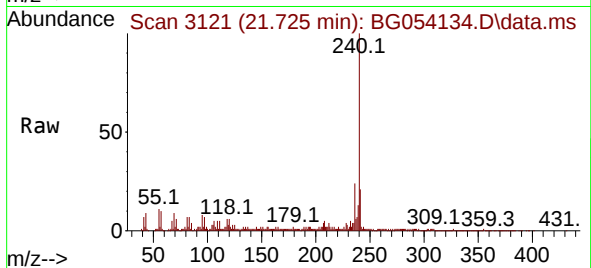
Tgt Ion:240 Resp: 196563

Ion Ratio Lower Upper

240 100

120 6.4 4.6 7.0

236 24.2 20.2 30.4



#78

Pyrene

Concen: 2.726 ng

RT: 19.856 min Scan# 2803

Delta R.T. 0.006 min

Lab File: BG054134.D

Acq: 29 Jun 2022 2:02

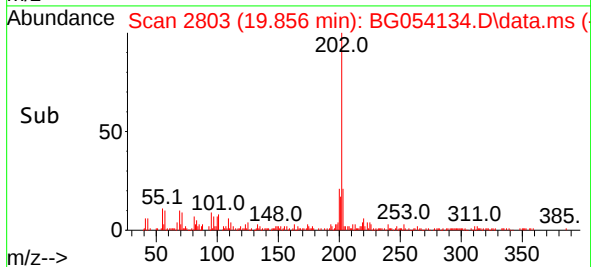
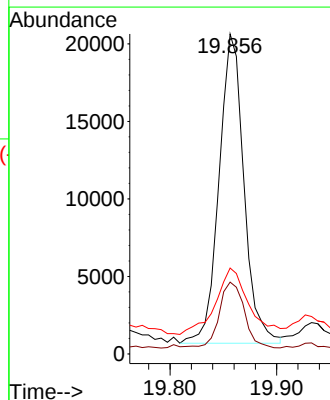
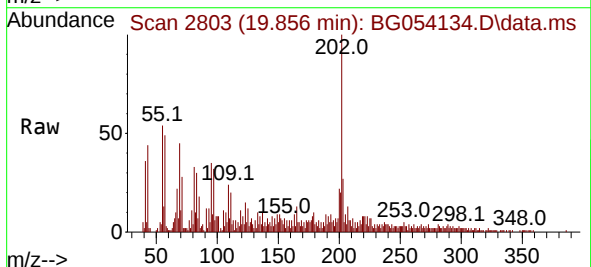
Tgt Ion:202 Resp: 32367

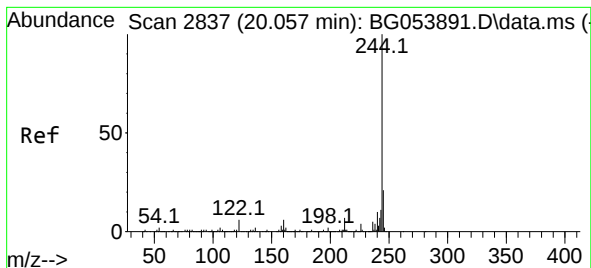
Ion Ratio Lower Upper

202 100

200 22.4 16.6 24.8

203 26.8 14.6 21.8#





#79

Terphenyl-d14

Concen: 10.503 ng

RT: 20.050 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG054134.D

Acq: 29 Jun 2022 2:02

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-5

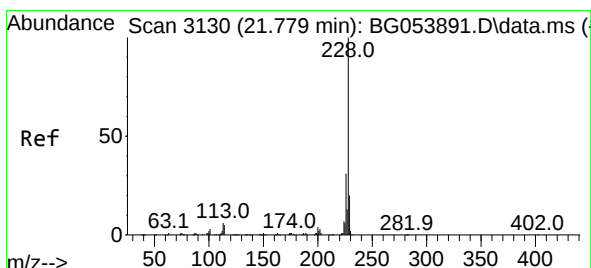
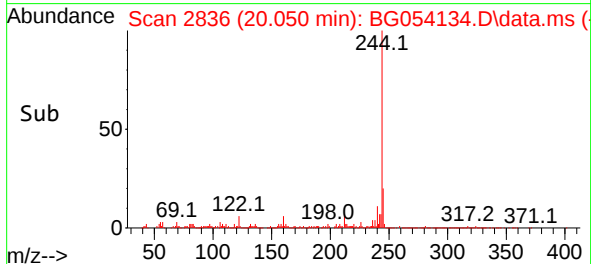
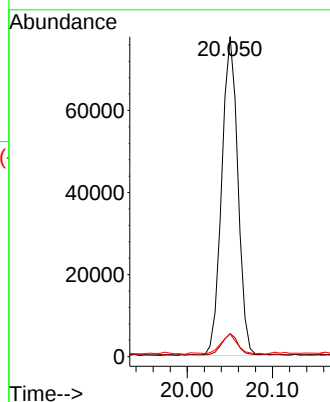
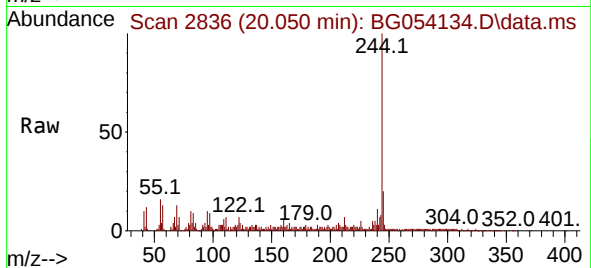
Tgt Ion:244 Resp: 102504

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 7.1 5.0 7.4



#83

Chrysene

Concen: 2.812 ng

RT: 21.772 min Scan# 3129

Delta R.T. 0.011 min

Lab File: BG054134.D

Acq: 29 Jun 2022 2:02

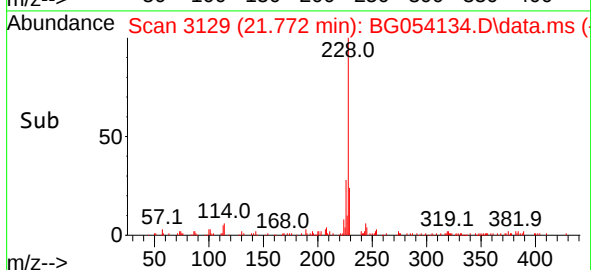
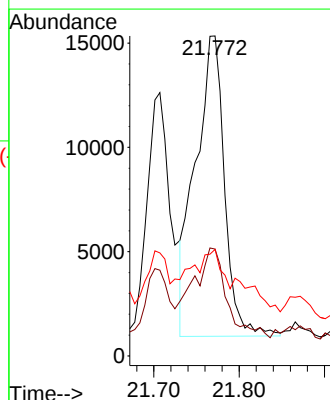
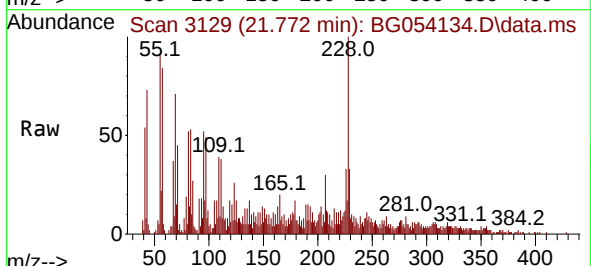
Tgt Ion:228 Resp: 34111

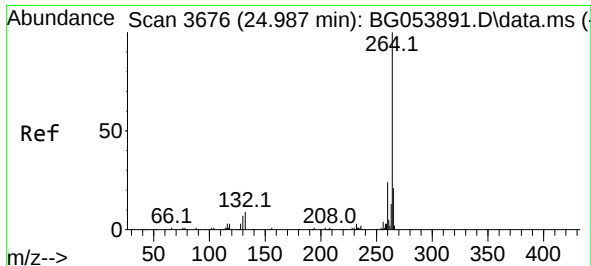
Ion Ratio Lower Upper

228 100

226 33.4 23.4 35.2

229 33.3 15.5 23.3#

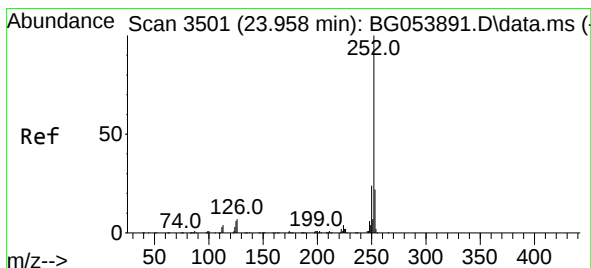
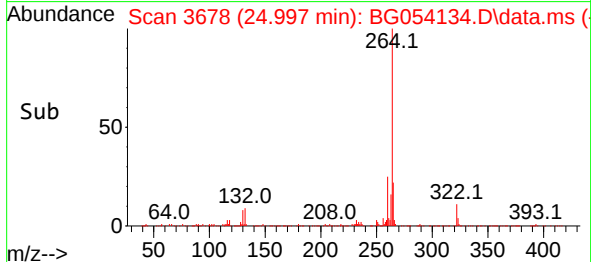
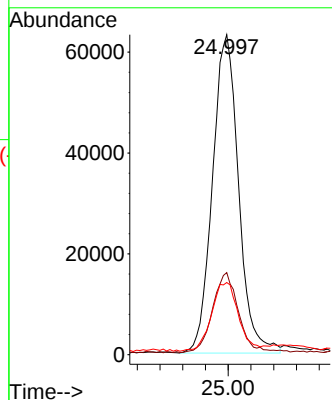
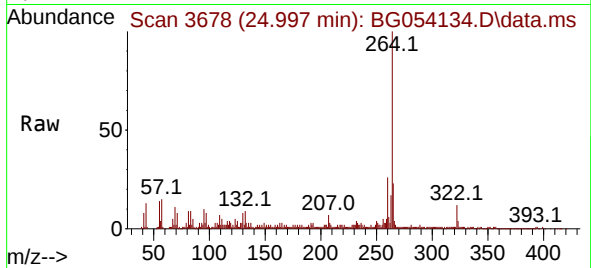




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.997 min Scan# 30
Delta R.T. 0.035 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02

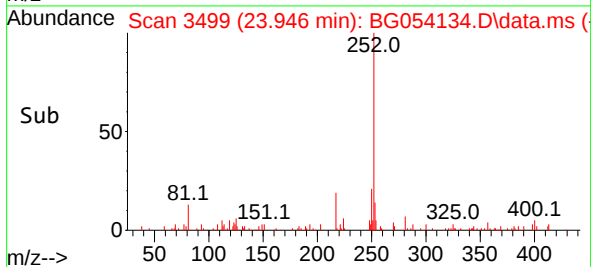
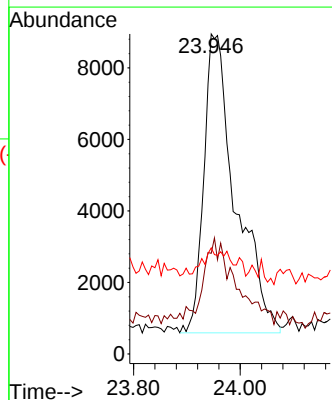
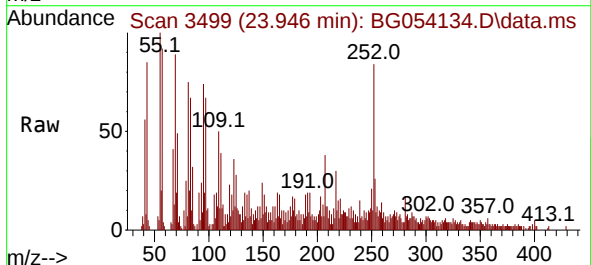
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-5

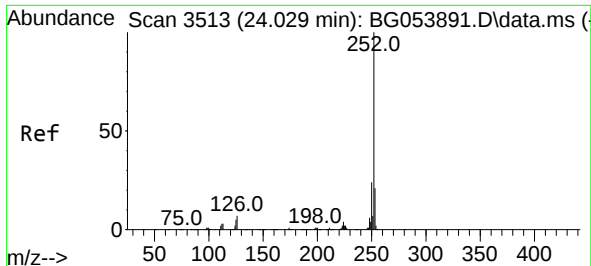
Tgt Ion:	264	Resp:	201560
Ion Ratio	Lower	Upper	
264	100		
260	25.6	19.0	28.6
265	22.6	17.4	26.2



#88
Benzo(b)fluoranthene
Concen: 2.824 ng
RT: 23.946 min Scan# 3499
Delta R.T. 0.011 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02

Tgt Ion:	252	Resp:	34612
Ion Ratio	Lower	Upper	
252	100		
253	31.4	18.0	27.0#
125	33.1	4.6	6.8#

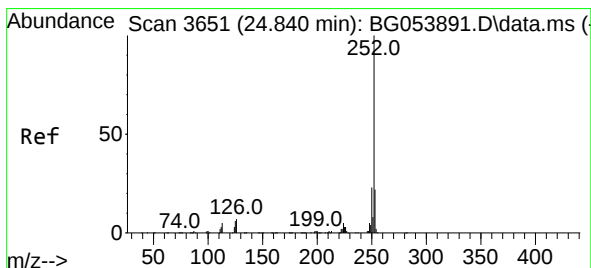
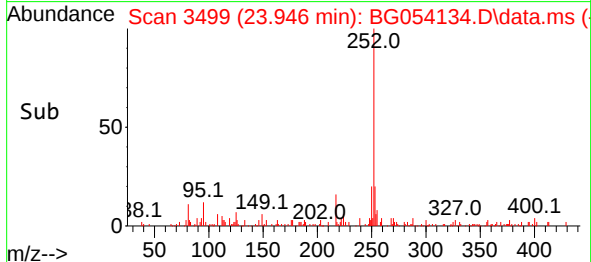
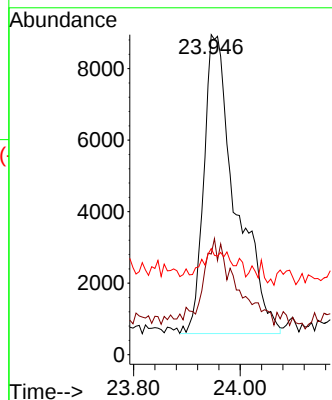
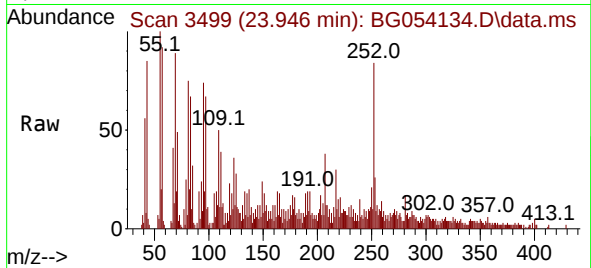




#89
Benzo(k)fluoranthene
Concen: 2.852 ng
RT: 23.946 min Scan# 34
Delta R.T. -0.059 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-5

Tgt Ion:252 Resp: 34612
Ion Ratio Lower Upper
252 100
253 31.4 18.4 27.6#
125 33.1 4.8 7.2#



#90
Benzo(a)pyrene
Concen: 2.537 ng
RT: 24.833 min Scan# 3650
Delta R.T. 0.017 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02

Tgt Ion:252 Resp: 26238
Ion Ratio Lower Upper
252 100
253 32.8 17.8 26.8#
125 29.6 4.3 6.5#

