

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102921\
 Data File : BG050792.D
 Acq On : 30 Oct 2021 00:51
 Operator : CG/JU
 Sample : M4406-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-27334

Quant Time: Oct 30 01:39:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

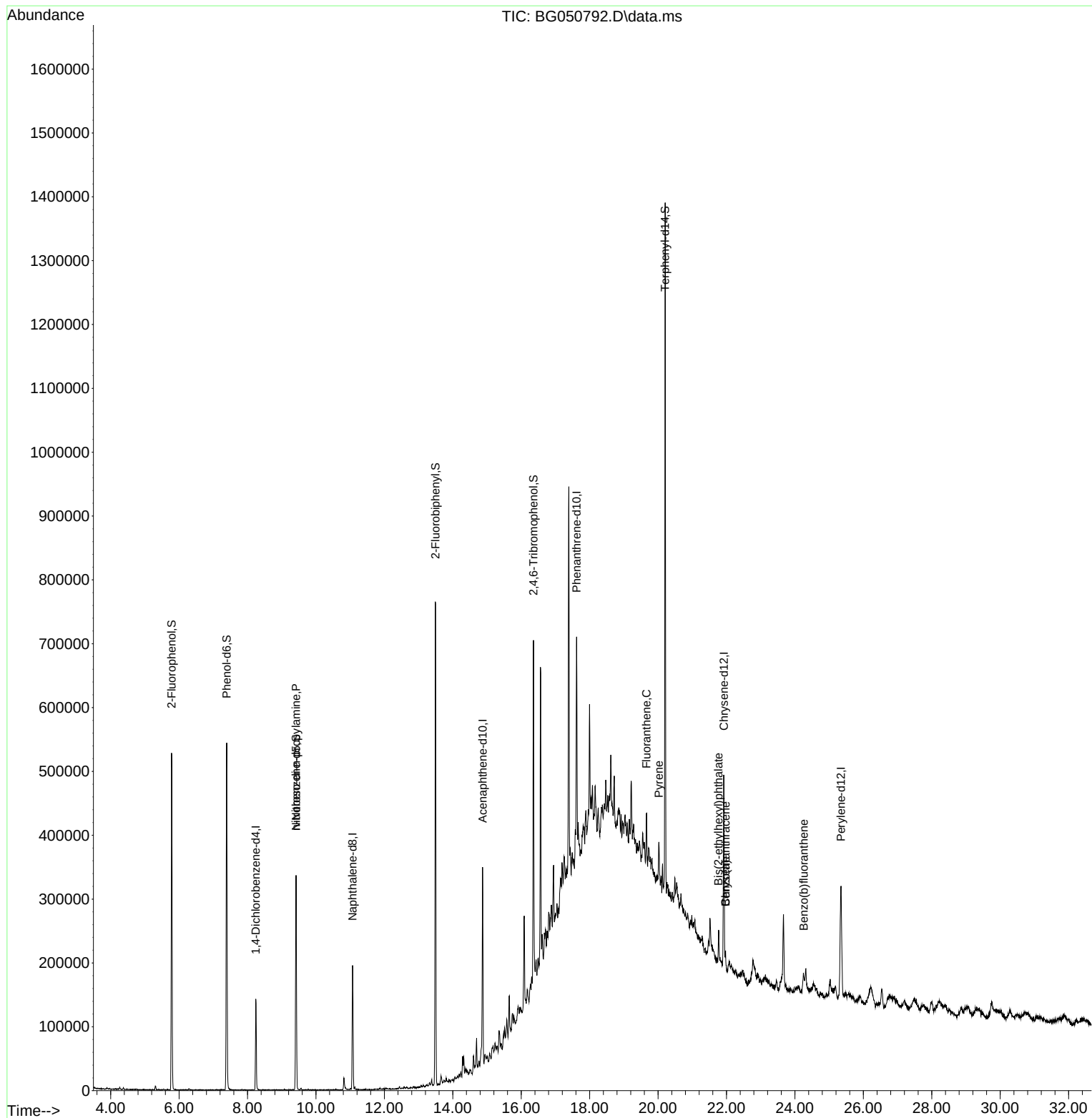
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.243	152	38650	20.000	ng	-0.01
21) Naphthalene-d8	11.069	136	167551	20.000	ng	#-0.02
39) Acenaphthene-d10	14.871	164	104182	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	196523	20.000	ng	# 0.00
76) Chrysene-d12	21.921	240	179229	20.000	ng	# 0.00
86) Perylene-d12	25.347	264	181735	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.781	112	229712	88.885	ng	0.00
7) Phenol-d6	7.391	99	314990	84.184	ng	0.00
23) Nitrobenzene-d5	9.418	82	217603	53.762	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	81167	81.681	ng	0.00
45) 2-Fluorobiphenyl	13.496	172	389188	56.223	ng	0.00
79) Terphenyl-d14	20.206	244	484304	52.660	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.385	77	866	Below Cal	#	26
19) n-Nitroso-di-n-propyla...	9.418	70	31080	11.396	ng	# 68
75) Fluoranthene	19.659	202	46932	3.687	ng	93
78) Pyrene	20.024	202	36474	2.868	ng	97
81) Benzo(a)anthracene	21.974	228	26559	2.239	ng	95
83) Chrysene	21.974	228	26559	2.381	ng	95
84) Bis(2-ethylhexyl)phtha...	21.769	149	20320	2.659	ng	99
88) Benzo(b)fluoranthene	24.254	252	32007	2.876	ng	# 91

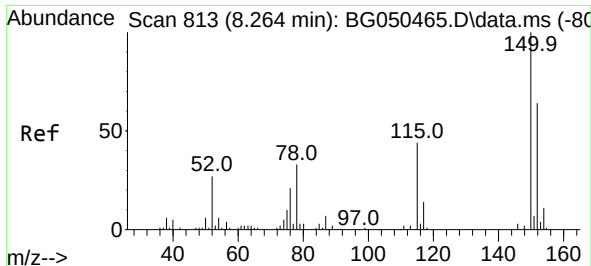
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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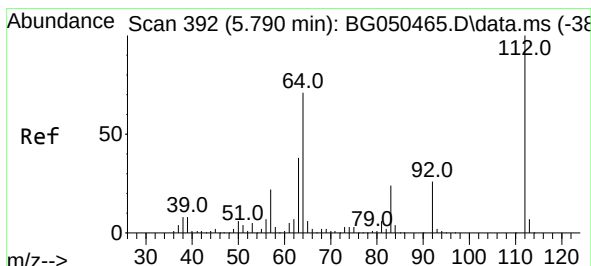
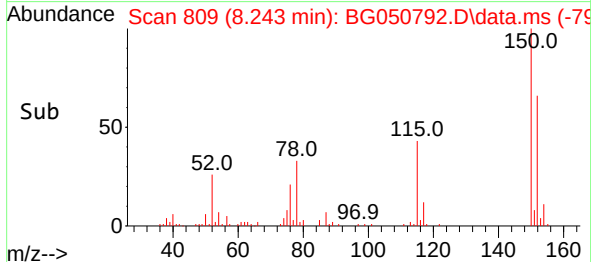
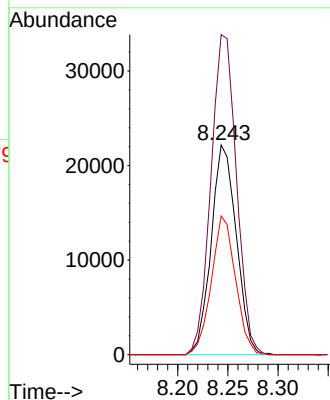
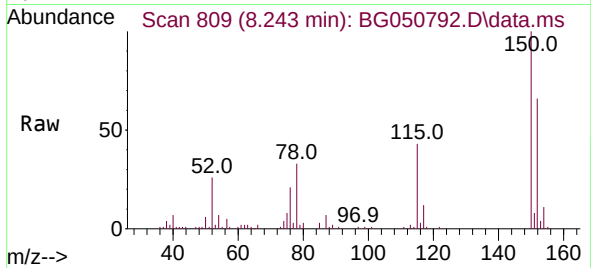




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.243 min Scan# 809
Delta R.T. -0.015 min
Lab File: BG050792.D
Acq: 30 Oct 2021 00:51

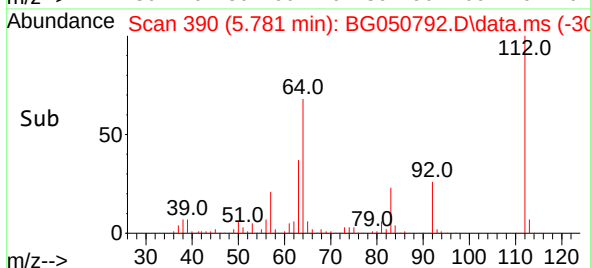
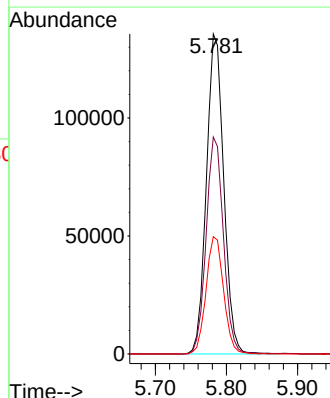
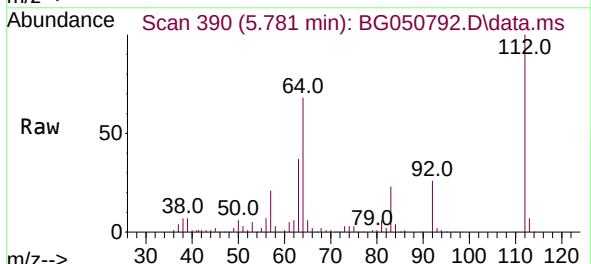
Instrument :
BNA_G
ClientSampleId :
CHRT-27334

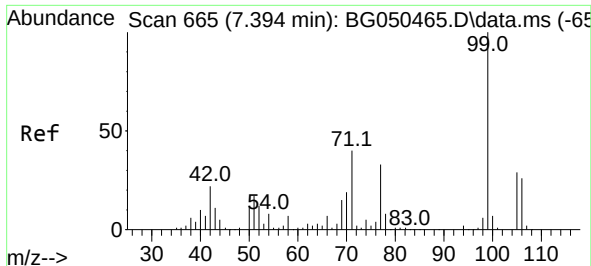
Tgt Ion:152 Resp: 38650
Ion Ratio Lower Upper
152 100
150 152.6 119.4 179.0
115 66.2 60.2 90.4



#5
2-Fluorophenol
Concen: 88.885 ng
RT: 5.781 min Scan# 390
Delta R.T. -0.009 min
Lab File: BG050792.D
Acq: 30 Oct 2021 00:51

Tgt Ion:112 Resp: 229712
Ion Ratio Lower Upper
112 100
64 67.8 46.7 70.1
63 36.6 35.3 52.9

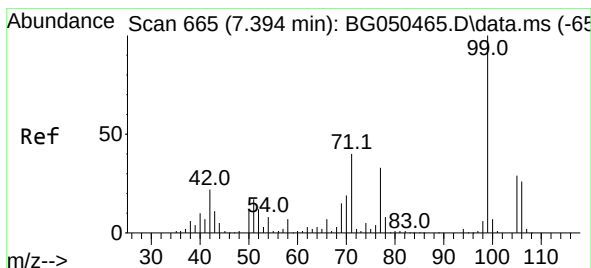
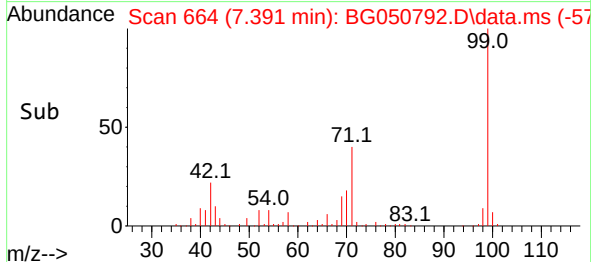
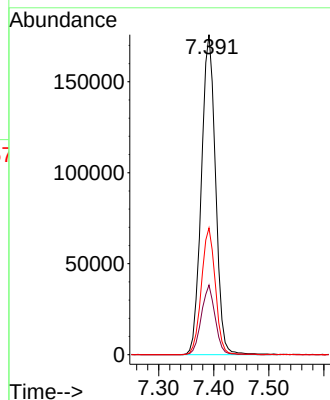
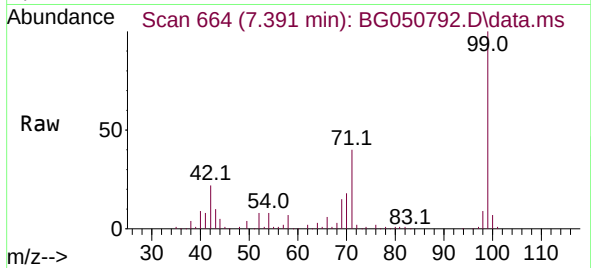




#7
Phenol-d6
Concen: 84.184 ng
RT: 7.391 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG050792.D
Acq: 30 Oct 2021 00:51

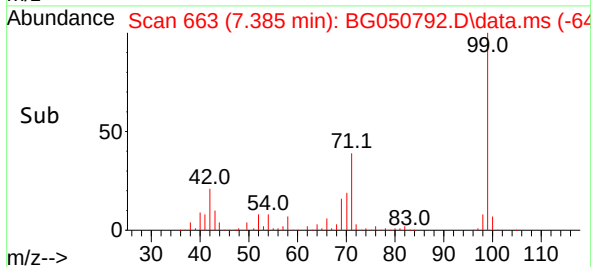
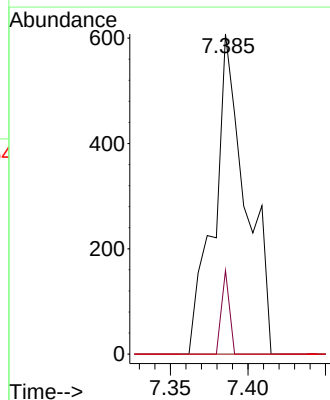
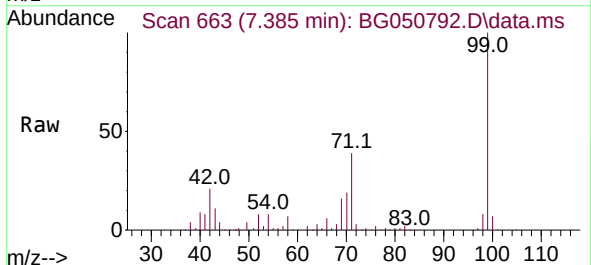
Instrument :
BNA_G
ClientSampleId :
CHRT-27334

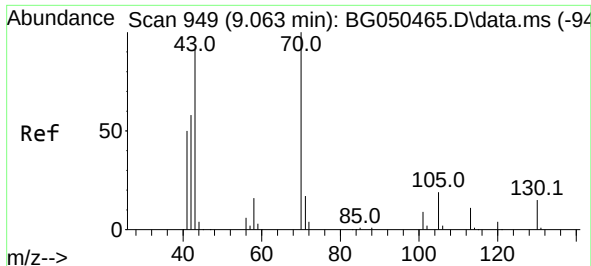
Tgt Ion: 99 Resp: 314990
Ion Ratio Lower Upper
99 100
42 21.8 20.5 30.7
71 39.6 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.385 min Scan# 663
Delta R.T. -0.003 min
Lab File: BG050792.D
Acq: 30 Oct 2021 00:51

Tgt Ion: 77 Resp: 866
Ion Ratio Lower Upper
77 100
105 26.2 68.8 108.8#
106 0.0 47.9 87.9#

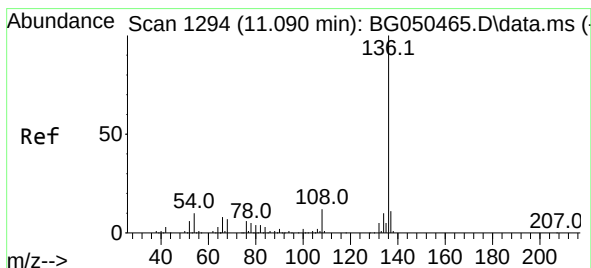
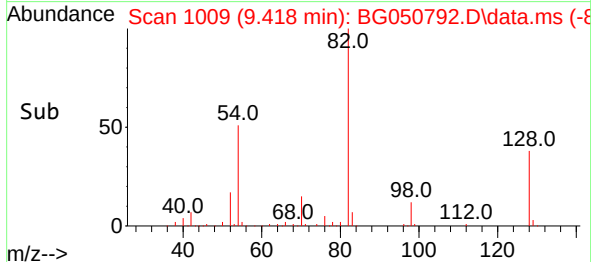
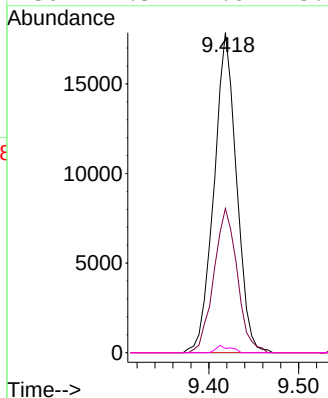
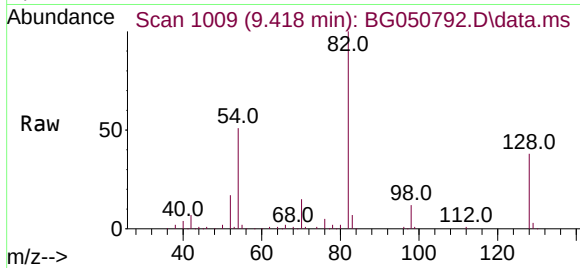




#19
n-Nitroso-di-n-propylamine
Concen: 11.396 ng
RT: 9.418 min Scan# 1009
Delta R.T. 0.361 min
Lab File: BG050792.D
Acq: 30 Oct 2021 00:51

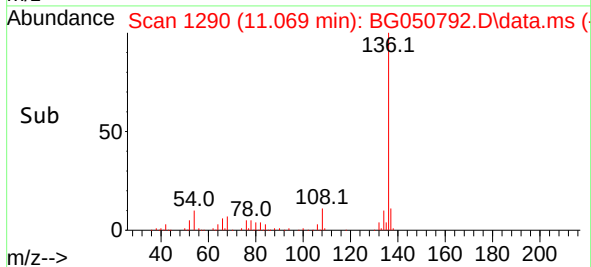
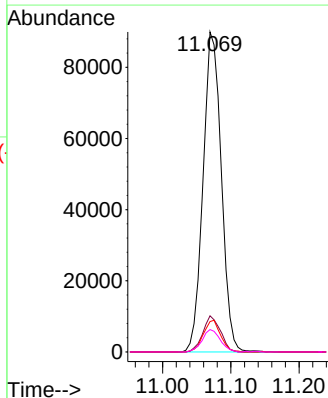
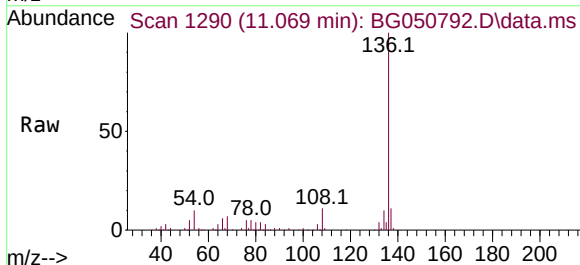
Instrument :
BNA_G
ClientSampleId :
CHRT-27334

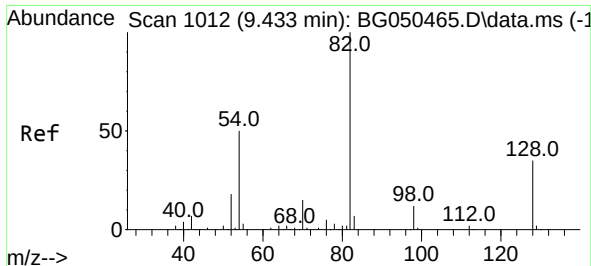
Tgt Ion:	70	Resp:	31080
Ion	Ratio	Lower	Upper
70	100		
42	45.1	54.5	81.7#
101	0.0	9.0	13.6#
130	1.3	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.069 min Scan# 1290
Delta R.T. -0.015 min
Lab File: BG050792.D
Acq: 30 Oct 2021 00:51

Tgt Ion:	136	Resp:	167551
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.2
54	9.5	5.5	8.3#
68	7.0	2.3	3.5#

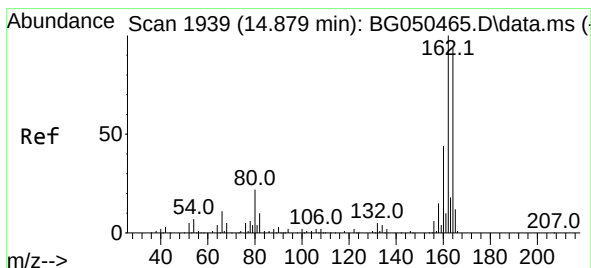
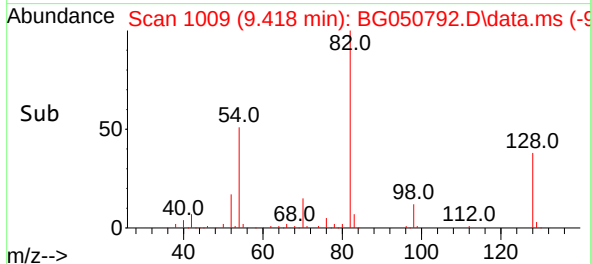
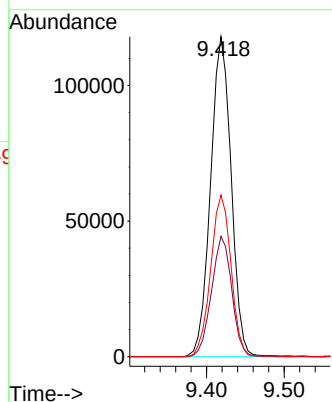
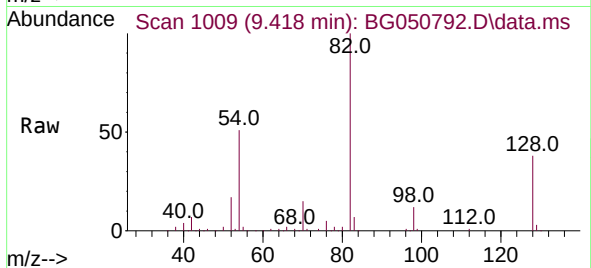




#23
Nitrobenzene-d5
Concen: 53.762 ng
RT: 9.418 min Scan# 1009
Delta R.T. -0.009 min
Lab File: BG050792.D
Acq: 30 Oct 2021 00:51

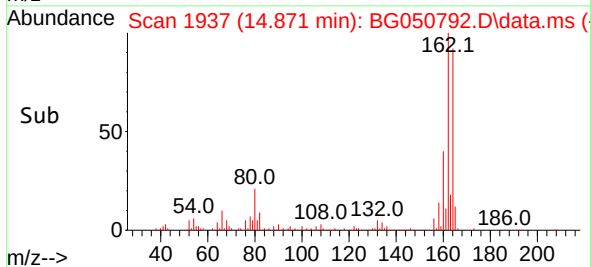
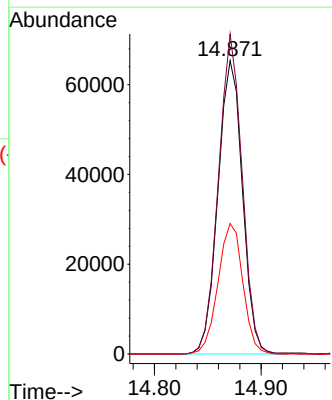
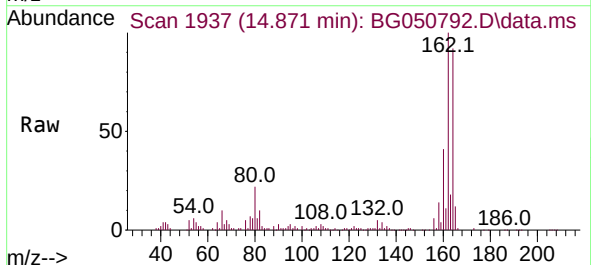
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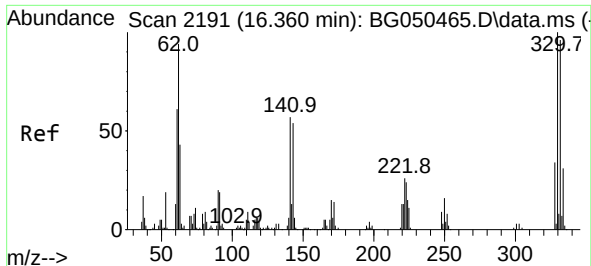
Tgt Ion: 82 Resp: 217603
Ion Ratio Lower Upper
82 100
128 37.6 29.8 44.6
54 50.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG050792.D
Acq: 30 Oct 2021 00:51

Tgt Ion:164 Resp: 104182
Ion Ratio Lower Upper
164 100
162 109.1 81.4 122.0
160 44.5 34.9 52.3

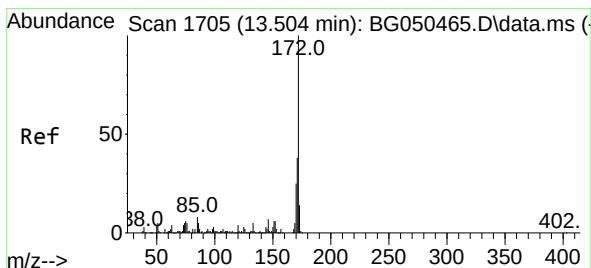
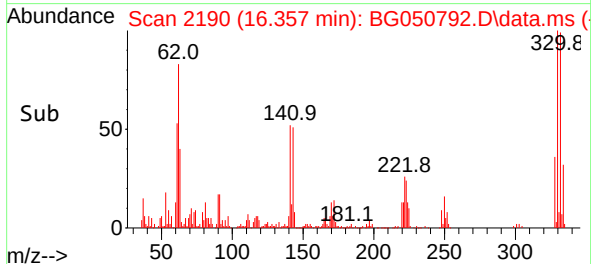
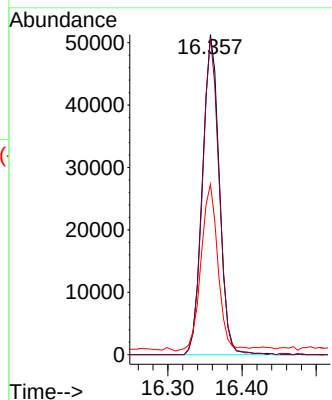
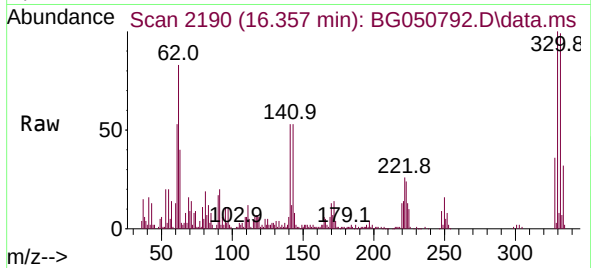




#42
2,4,6-Tribromophenol
Concen: 81.681 ng
RT: 16.357 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG050792.D
Acq: 30 Oct 2021 00:51

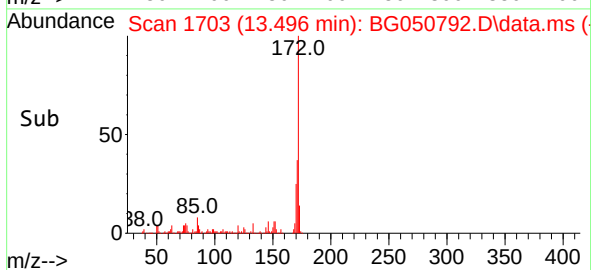
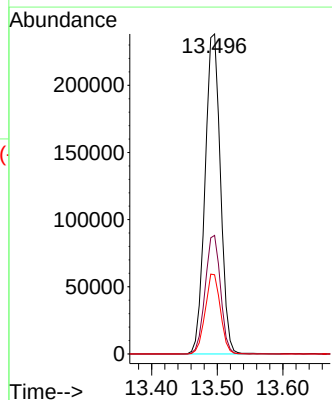
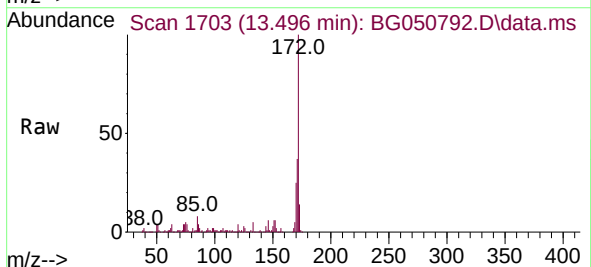
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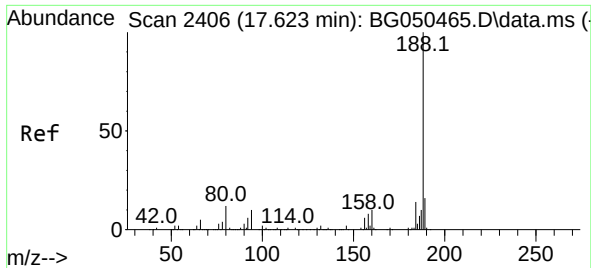
Tgt Ion:330 Resp: 81167
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 52.3 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 56.223 ng
RT: 13.496 min Scan# 1703
Delta R.T. -0.009 min
Lab File: BG050792.D
Acq: 30 Oct 2021 00:51

Tgt Ion:172 Resp: 389188
Ion Ratio Lower Upper
172 100
171 37.1 28.6 43.0
170 24.7 18.6 27.8

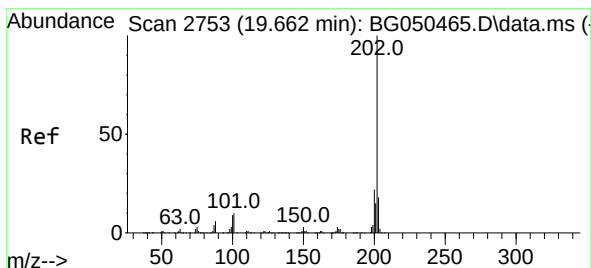
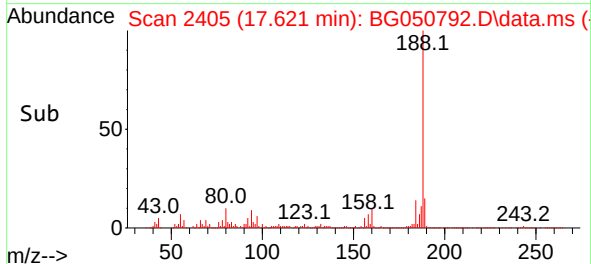
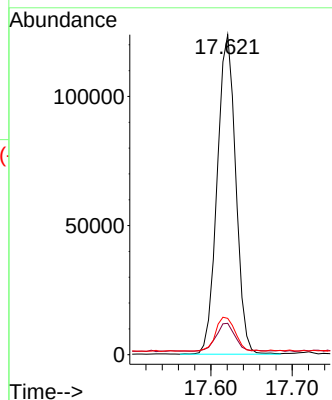
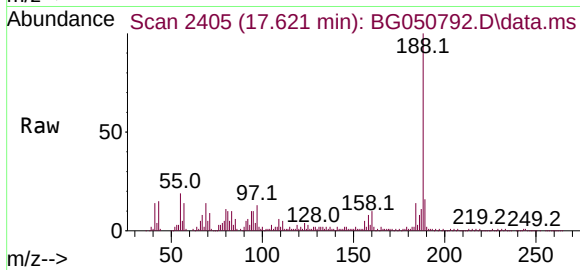




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.621 min Scan# 2405
Delta R.T. 0.003 min
Lab File: BG050792.D
Acq: 30 Oct 2021 00:51

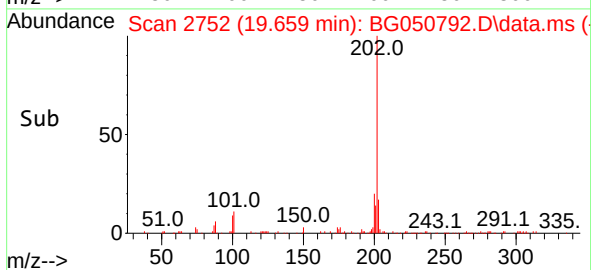
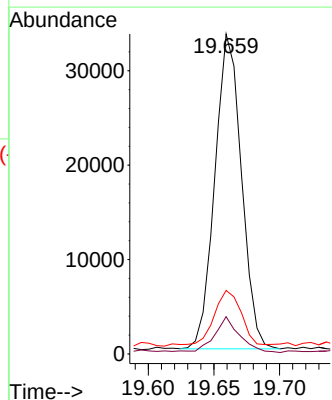
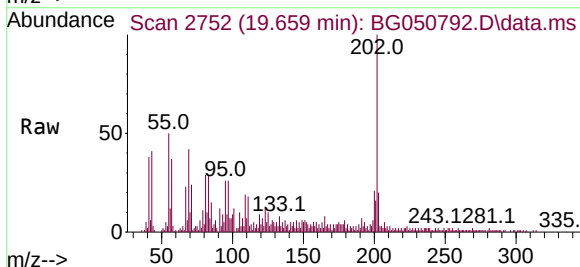
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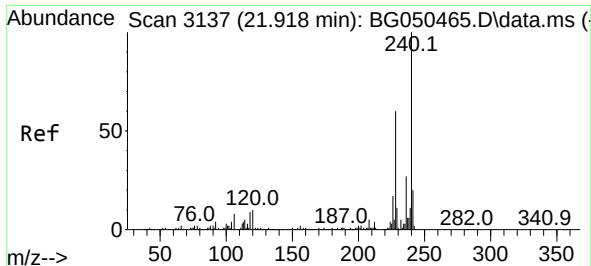
Tgt Ion:188 Resp: 196523
Ion Ratio Lower Upper
188 100
94 9.8 5.4 8.0#
80 11.4 3.7 5.5#



#75
Fluoranthene
Concen: 3.687 ng
RT: 19.659 min Scan# 2752
Delta R.T. -0.003 min
Lab File: BG050792.D
Acq: 30 Oct 2021 00:51

Tgt Ion:202 Resp: 46932
Ion Ratio Lower Upper
202 100
101 11.6 0.0 24.7
203 19.9 0.0 38.5

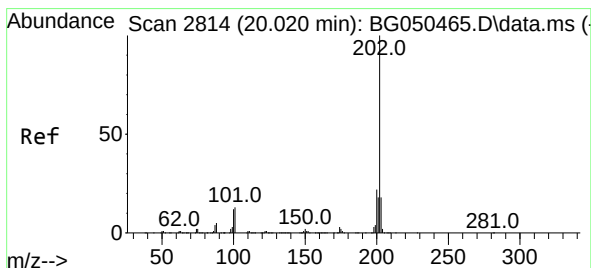
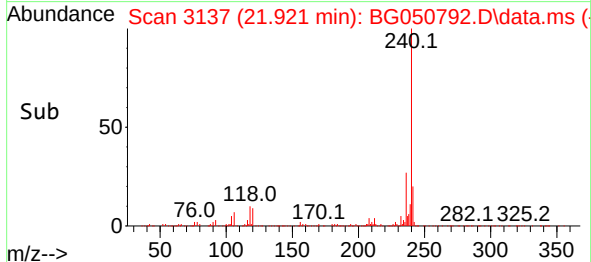
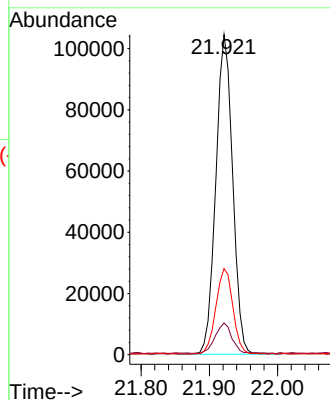
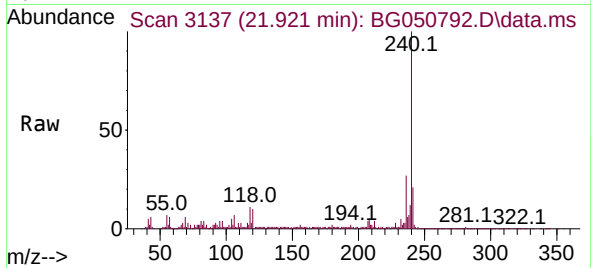




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.921 min Scan# 3137
Delta R.T. -0.003 min
Lab File: BG050792.D
Acq: 30 Oct 2021 00:51

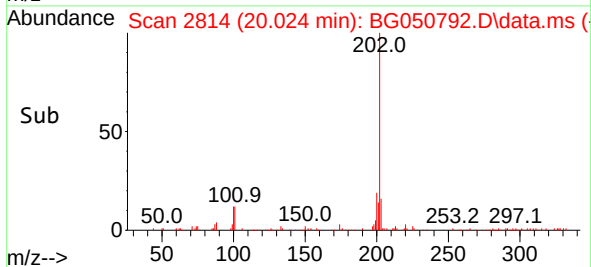
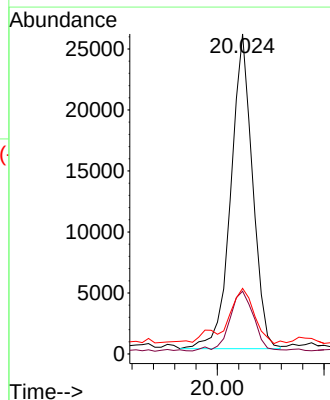
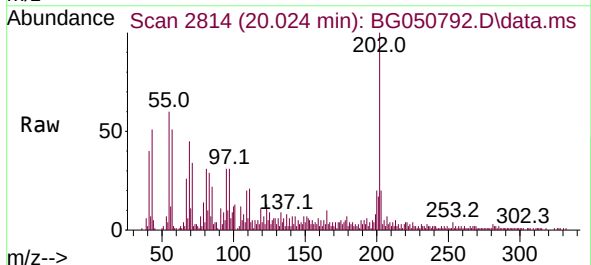
Instrument :
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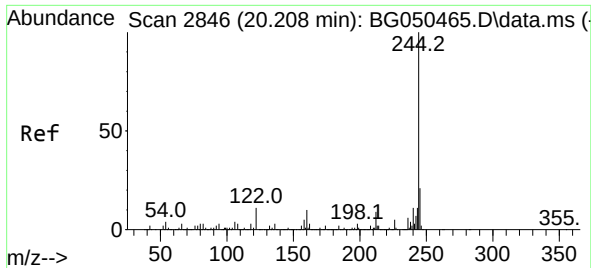
Tgt Ion:240 Resp: 179229
Ion Ratio Lower Upper
240 100
120 9.9 4.2 6.2#
236 26.9 21.8 32.6



#78
Pyrene
Concen: 2.868 ng
RT: 20.024 min Scan# 2814
Delta R.T. 0.003 min
Lab File: BG050792.D
Acq: 30 Oct 2021 00:51

Tgt Ion:202 Resp: 36474
Ion Ratio Lower Upper
202 100
200 19.6 15.8 23.8
203 20.5 14.6 21.8

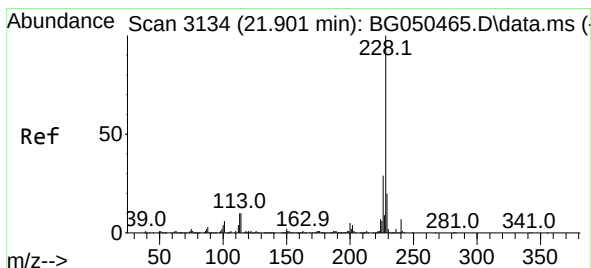
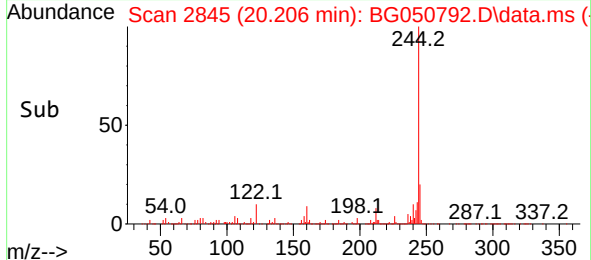
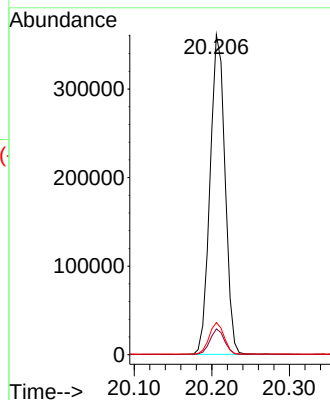
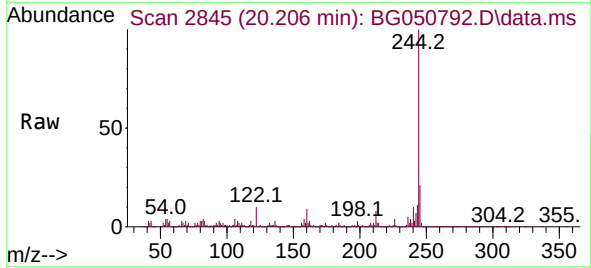




#79
 Terphenyl-d14
 Concen: 52.660 ng
 RT: 20.206 min Scan# 2845
 Delta R.T. -0.003 min
 Lab File: BG050792.D
 Acq: 30 Oct 2021 00:51

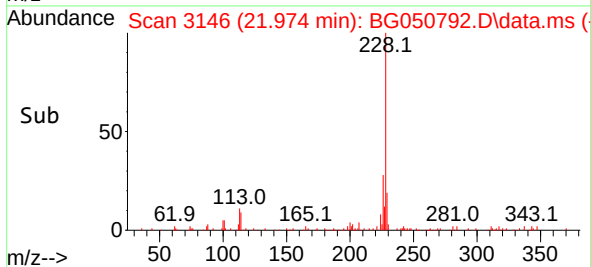
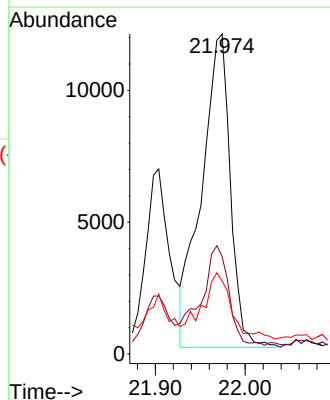
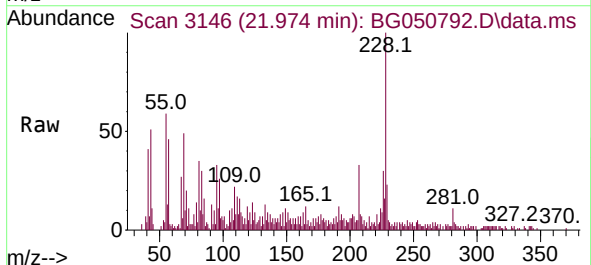
Instrument :
 BNA_G
 ClientSampleId :
 CHRT-27334

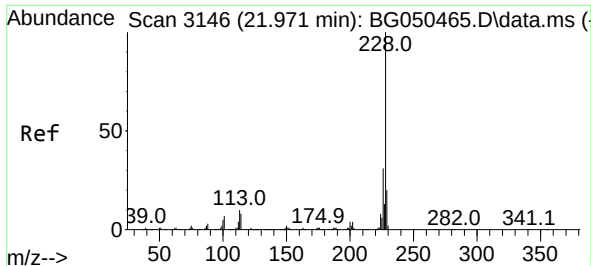
Tgt Ion:244 Resp: 484304
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.9 10.3
 122 10.0 5.0 7.6#



#81
 Benzo(a)anthracene
 Concen: 2.239 ng
 RT: 21.974 min Scan# 3146
 Delta R.T. 0.073 min
 Lab File: BG050792.D
 Acq: 30 Oct 2021 00:51

Tgt Ion:228 Resp: 26559
 Ion Ratio Lower Upper
 228 100
 226 30.4 22.7 34.1
 229 22.8 16.0 24.0

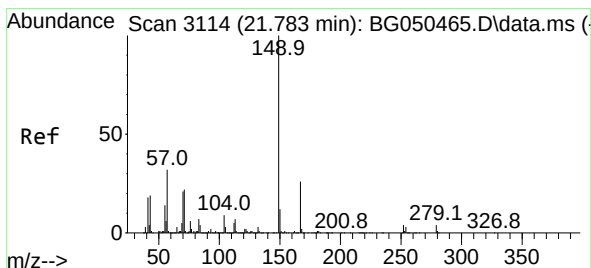
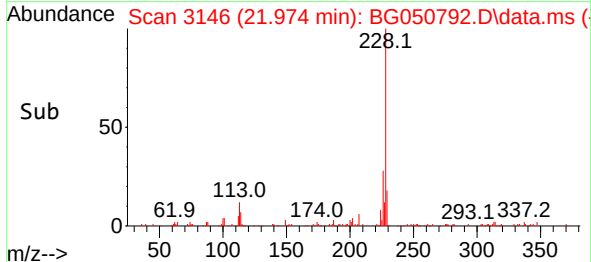
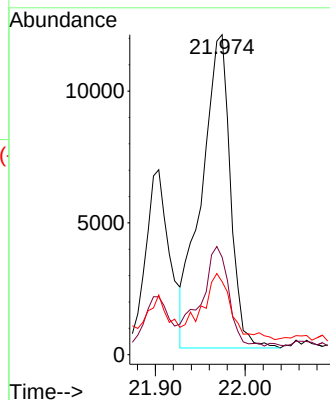
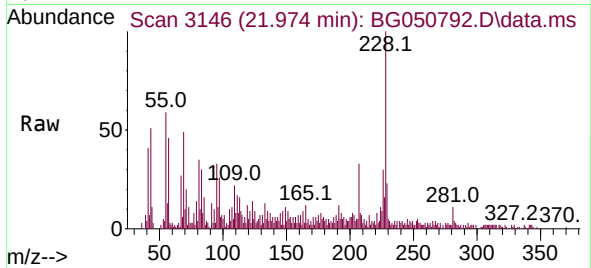




#83
Chrysene
Concen: 2.381 ng
RT: 21.974 min Scan# 3146
Delta R.T. 0.003 min
Lab File: BG050792.D
Acq: 30 Oct 2021 00:51

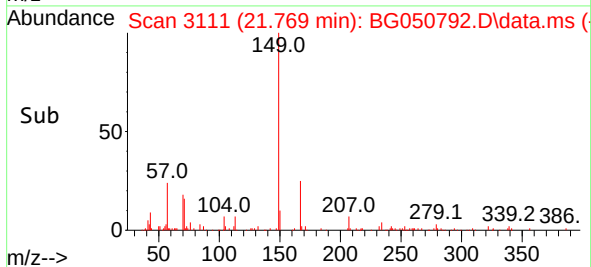
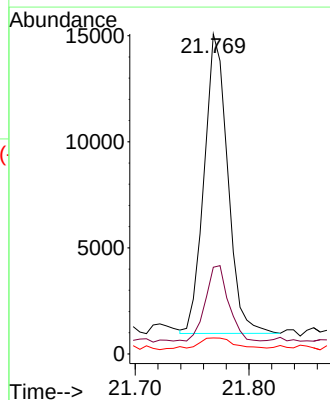
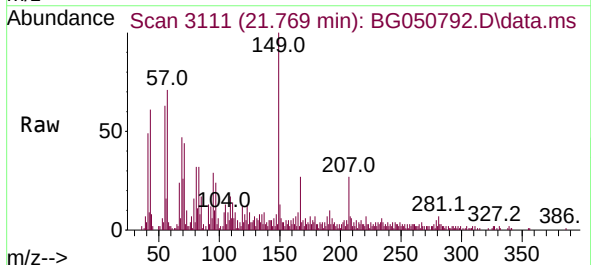
Instrument :
BNA_G
ClientSampleId :
CHRT-27334

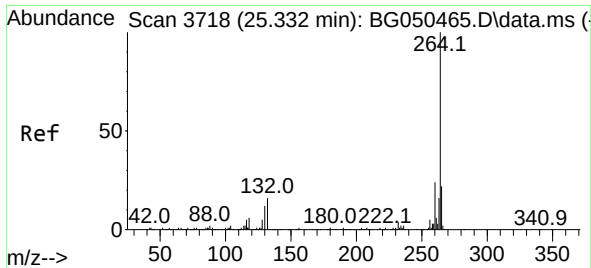
Tgt Ion:228 Resp: 26559
Ion Ratio Lower Upper
228 100
226 30.4 23.1 34.7
229 22.8 15.3 22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.659 ng
RT: 21.769 min Scan# 3111
Delta R.T. -0.009 min
Lab File: BG050792.D
Acq: 30 Oct 2021 00:51

Tgt Ion:149 Resp: 20320
Ion Ratio Lower Upper
149 100
167 27.1 22.3 33.5
279 5.0 3.8 5.8

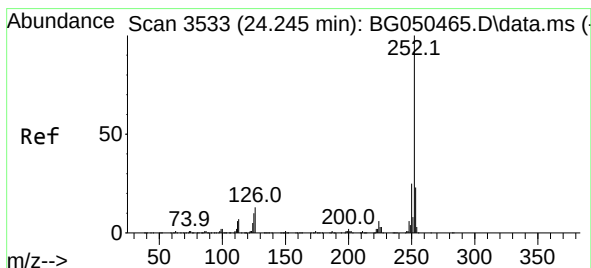
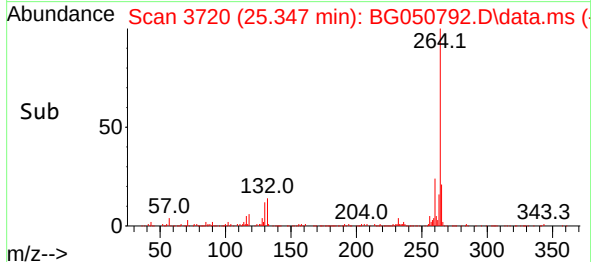
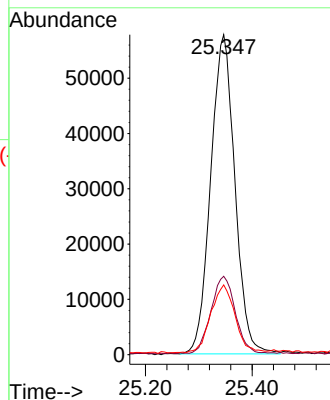
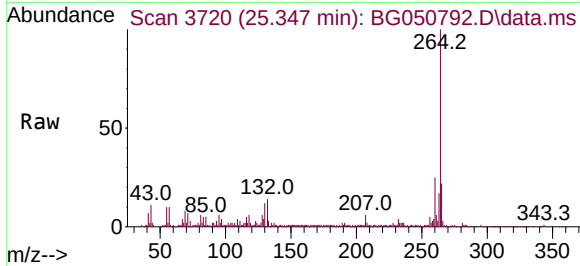




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.347 min Scan# 3720
Delta R.T. 0.014 min
Lab File: BG050792.D
Acq: 30 Oct 2021 00:51

Instrument :
BNA_G
ClientSampleId :
CHRT-27334

Tgt Ion:	264	Resp:	181735
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.4	29.2
265	21.8	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 2.876 ng
RT: 24.254 min Scan# 3534
Delta R.T. 0.008 min
Lab File: BG050792.D
Acq: 30 Oct 2021 00:51

Tgt Ion:	252	Resp:	32007
Ion Ratio	Lower	Upper	
252	100		
253	22.3	16.2	24.4
125	15.2	3.0	4.4#

