

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020122\
 Data File : BP008987.D
 Acq On : 01 Feb 2022 15:24
 Operator : CG/JU
 Sample : N1303-03RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC-6RE

Quant Time: Feb 01 16:26:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 01 04:16:03 2022
 Response via : Initial Calibration

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

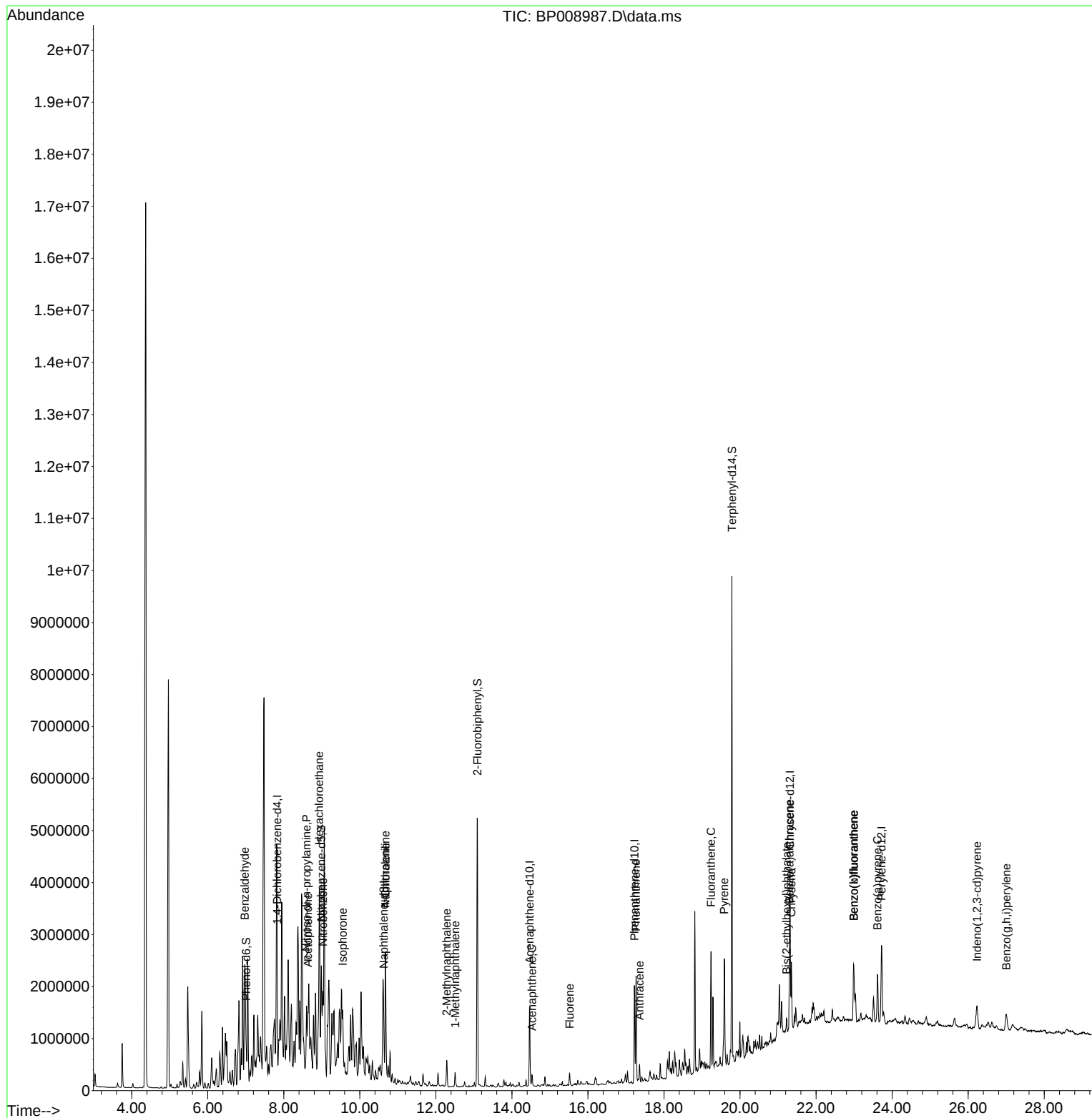
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	216826	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	871317	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	581647	20.000	ng	-0.01
64) Phenanthrene-d10	17.221	188	1176098	20.000	ng	-0.01
76) Chrysene-d12	21.315	240	1096825	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1174259	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	10310	0.735	ng	0.00
7) Phenol-d6	7.010	99	357359	21.047	ng	0.00
23) Nitrobenzene-d5	8.987	82	1180020	76.888	ng	-0.01
42) 2,4,6-Tribromophenol	15.969	330	817	0.096	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	3089899	70.056	ng	0.00
79) Terphenyl-d14	19.786	244	4316618	66.430	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.975	77	95826	8.444	ng	# 1
18) Hexachloroethane	8.934	117	250755	40.992	ng	# 1
19) n-Nitroso-di-n-propyla...	8.598	70	49575	4.995	ng	# 55
22) Acetophenone	8.634	105	601554	27.102	ng	# 63
24) Nitrobenzene	9.028	77	42312	2.729	ng	# 37
25) Isophorone	9.551	82	322394	11.624	ng	# 56
31) Naphthalene	10.675	128	1914291	40.450	ng	99
33) 4-Chloroaniline	10.675	127	255220	13.234	ng	# 37
37) 2-Methylnaphthalene	12.286	142	255920	7.397	ng	99
38) 1-Methylnaphthalene	12.510	142	142942	4.501	ng	100
52) Acenaphthene	14.527	154	77033	2.356	ng	97
58) Fluorene	15.516	166	116324	2.764	ng	97
71) Phenanthrene	17.263	178	1323240	19.983	ng	98
72) Anthracene	17.357	178	231504	3.485	ng	100
75) Fluoranthene	19.239	202	1396657	18.966	ng	96
78) Pyrene	19.586	202	1354453	17.698	ng	99
81) Benzo(a)anthracene	21.298	228	739742	10.025	ng	99
83) Chrysene	21.351	228	751326	10.504	ng	98
84) Bis(2-ethylhexyl)phtha...	21.227	149	104468	2.192	ng	99
87) Indeno(1,2,3-cd)pyrene	26.233	276	460316	4.757	ng	95
88) Benzo(b)fluoranthene	22.992	252	908259	11.582	ng	97
89) Benzo(k)fluoranthene	22.992	252	908259	11.965	ng	98
90) Benzo(a)pyrene	23.615	252	628132	8.298	ng	97
92) Benzo(g,h,i)perylene	27.003	276	459241	5.717	ng	98

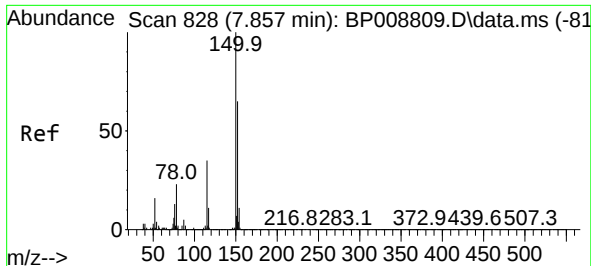
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020122\
Data File : BP008987.D
Acq On : 01 Feb 2022 15:24
Operator : CG/JU
Sample : N1303-03RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CC-6RE

Quant Time: Feb 01 16:26:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 01 04:16:03 2022
Response via : Initial Calibration

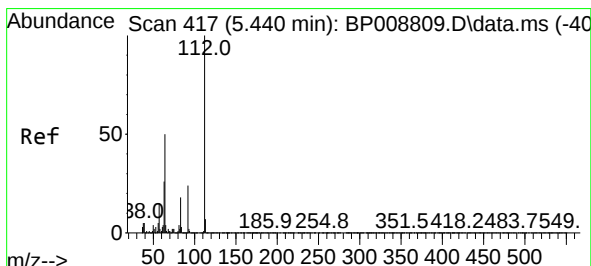
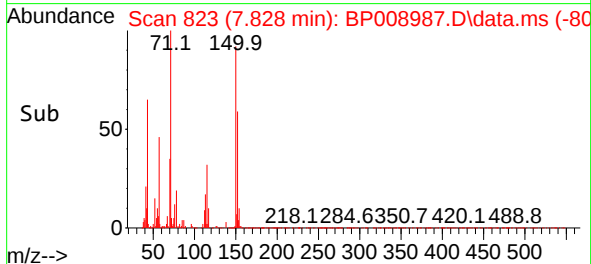
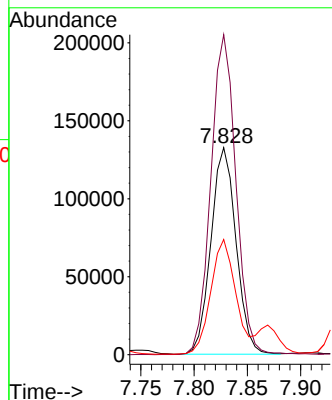
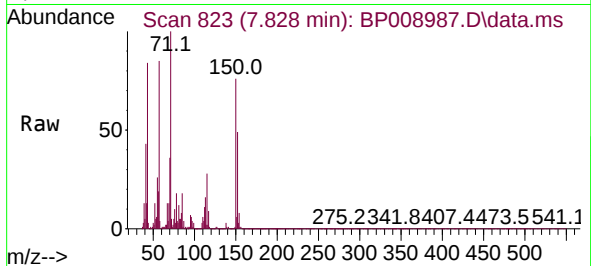




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

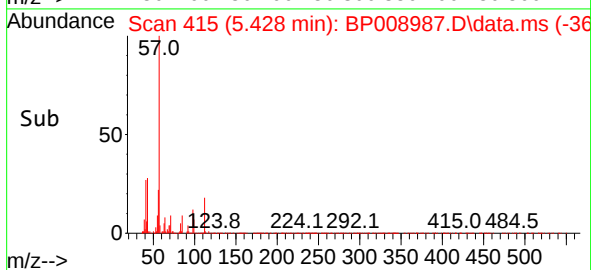
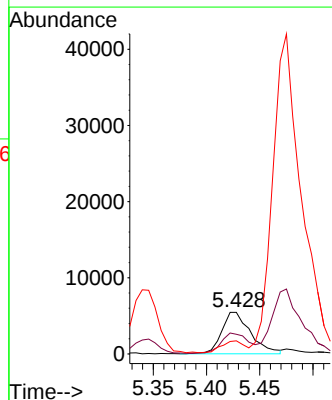
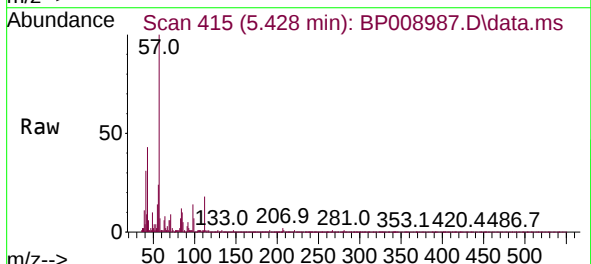
Instrument :
BNA_P
ClientSampleId :
CC-6RE

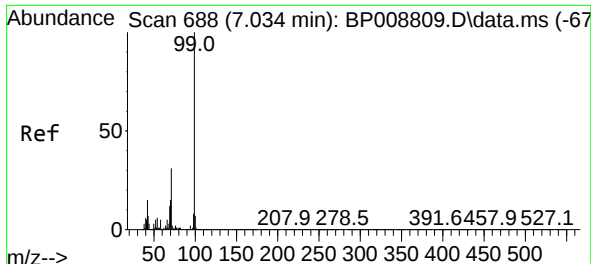
Tgt Ion:152 Resp: 216826
Ion Ratio Lower Upper
152 100
150 154.6 127.0 190.6
115 55.6 43.7 65.5



#5
2-Fluorophenol
Concen: 0.735 ng
RT: 5.428 min Scan# 415
Delta R.T. 0.006 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Tgt Ion:112 Resp: 10310
Ion Ratio Lower Upper
112 100
64 47.1 39.7 59.5
63 31.5 20.0 30.0#

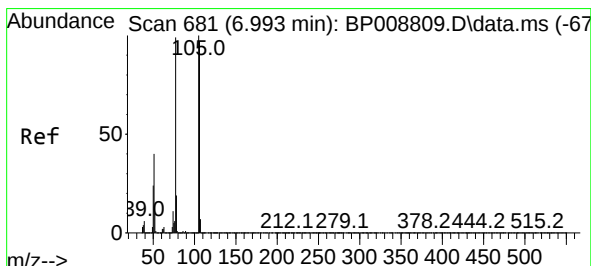
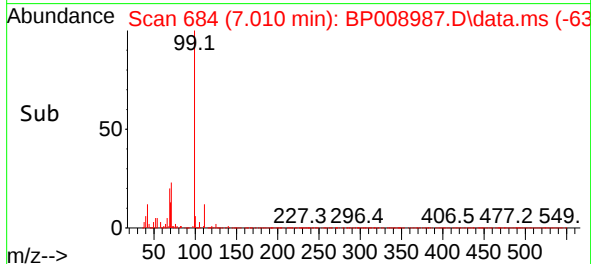
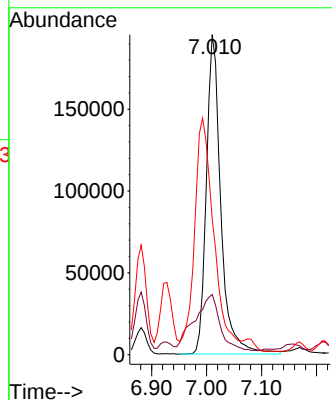
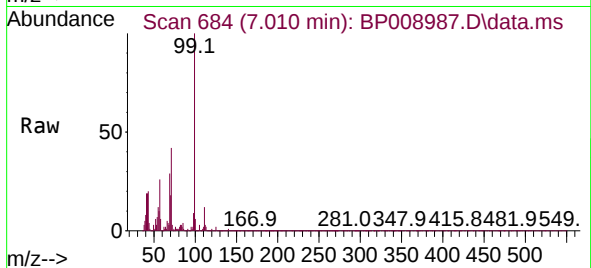




#7
Phenol-d6
Concen: 21.047 ng
RT: 7.010 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

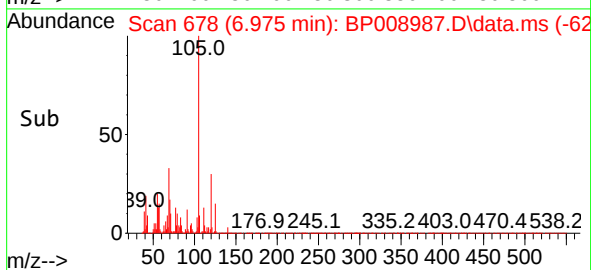
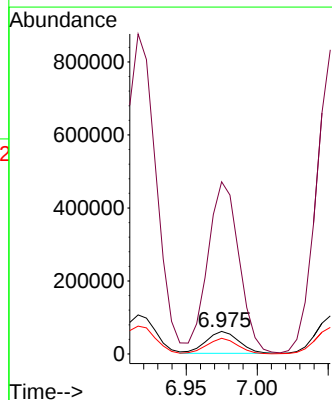
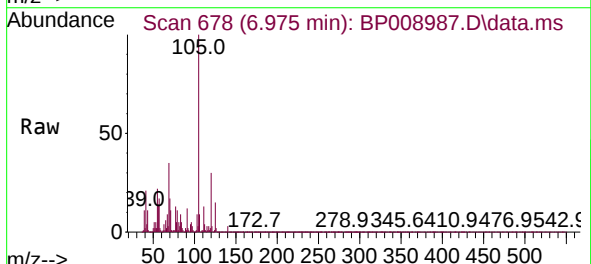
Instrument :
BNA_P
ClientSampleId :
CC-6RE

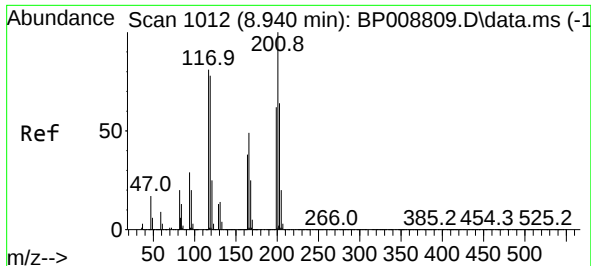
Tgt Ion: 99 Resp: 357359
Ion Ratio Lower Upper
99 100
42 18.8 10.8 16.2#
71 42.5 23.8 35.6#



#9
Benzaldehyde
Concen: 8.444 ng
RT: 6.975 min Scan# 678
Delta R.T. -0.000 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Tgt Ion: 77 Resp: 95826
Ion Ratio Lower Upper
77 100
105 763.9 84.2 124.2#
106 69.9 80.6 120.6#

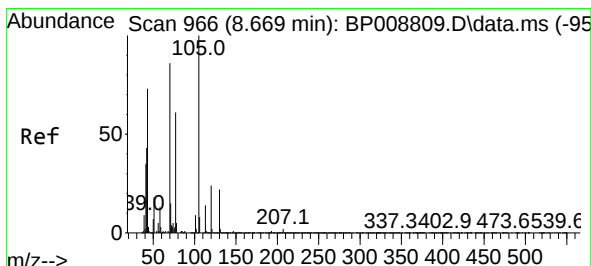
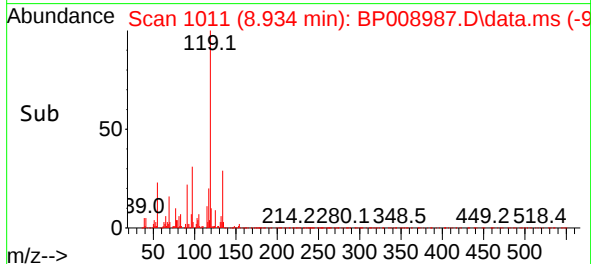
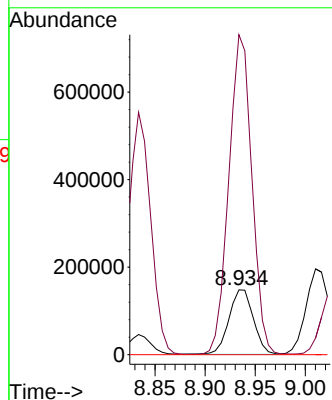
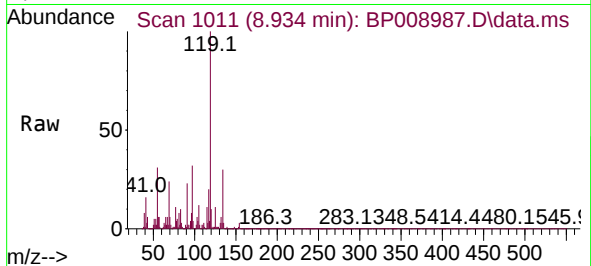




#18
Hexachloroethane
Concen: 40.992 ng
RT: 8.934 min Scan# 1012
Delta R.T. 0.023 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

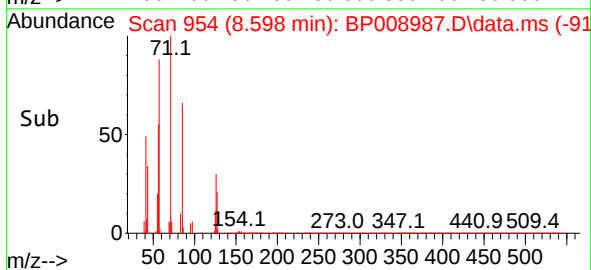
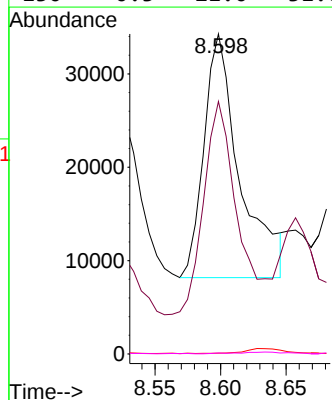
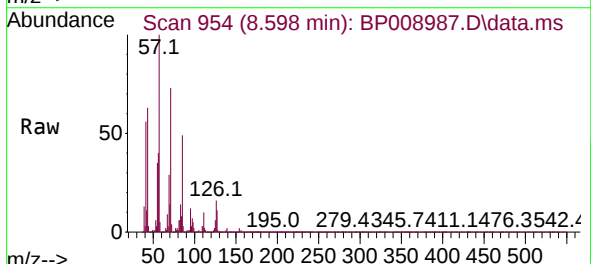
Instrument :
BNA_P
ClientSampleId :
CC-6RE

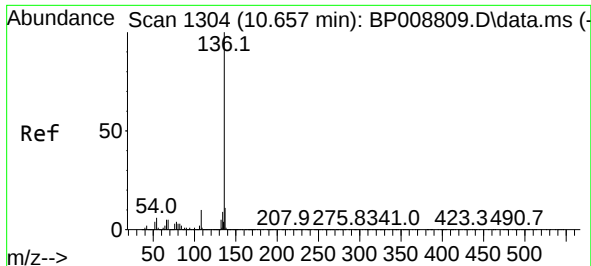
Tgt Ion:117 Resp: 250755
Ion Ratio Lower Upper
117 100
119 493.4 76.9 115.3#
201 0.0 93.7 140.5#



#19
n-Nitroso-di-n-propylamine
Concen: 4.995 ng
RT: 8.598 min Scan# 954
Delta R.T. -0.047 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Tgt Ion: 70 Resp: 49575
Ion Ratio Lower Upper
70 100
42 78.9 38.2 57.2#
101 0.3 8.7 13.1#
130 0.3 21.0 31.6#

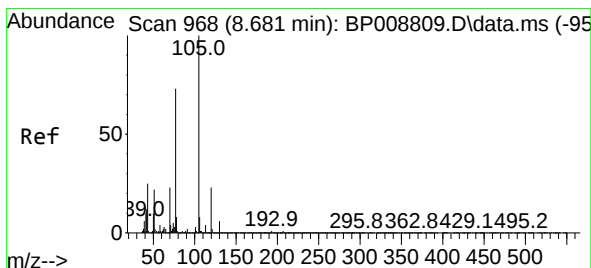
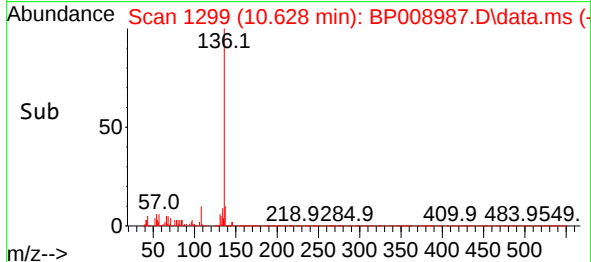
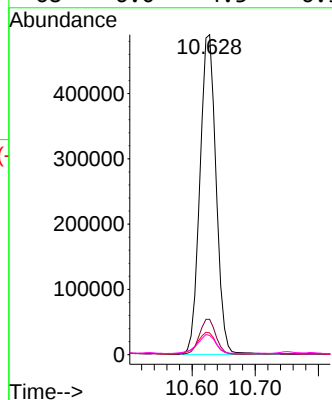
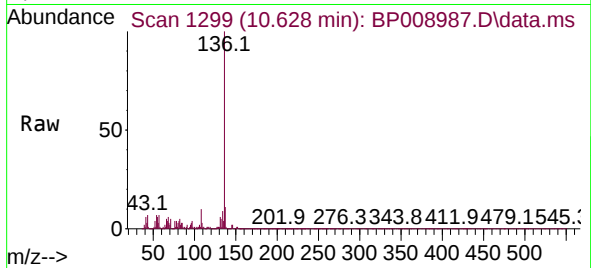




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

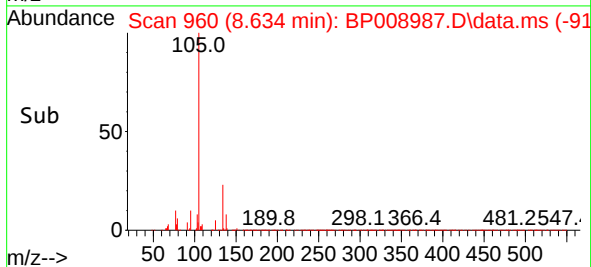
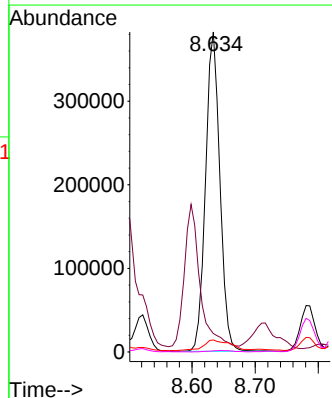
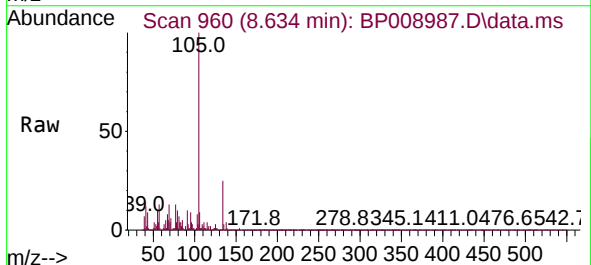
Instrument :
BNA_P
ClientSampleId :
CC-6RE

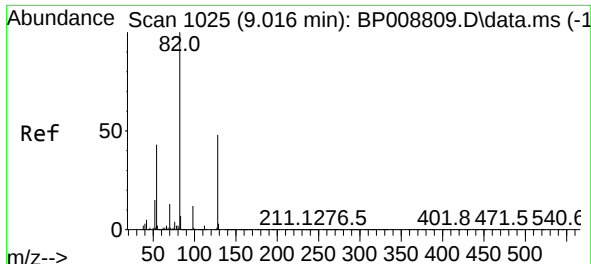
Tgt Ion:	136	Resp:	871317
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.4
54	6.8	4.9	7.3
68	6.0	4.3	6.5



#22
Acetophenone
Concen: 27.102 ng
RT: 8.634 min Scan# 960
Delta R.T. -0.030 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Tgt Ion:	105	Resp:	601554
Ion Ratio	Lower	Upper	
105	100		
71	5.7	5.3	7.9
51	3.7	16.3	24.5#
120	0.4	19.2	28.8#





#23

Nitrobenzene-d5

Concen: 76.888 ng

RT: 8.987 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BP008987.D

Acq: 01 Feb 2022 15:24

Instrument :

BNA_P

ClientSampleId :

CC-6RE

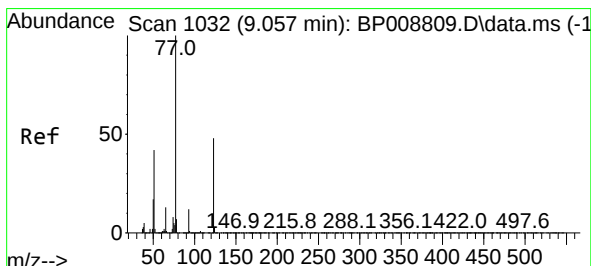
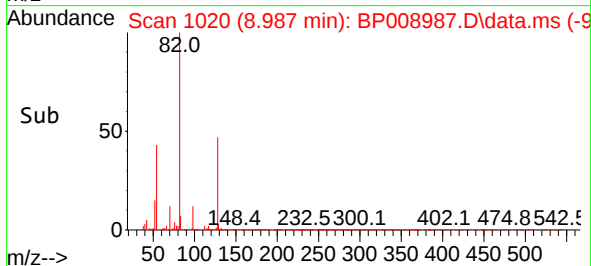
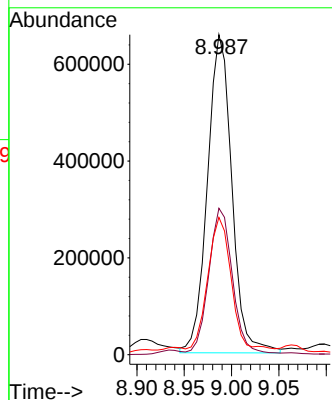
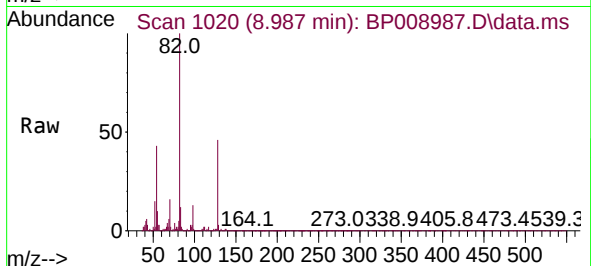
Tgt Ion: 82 Resp: 1180020

Ion Ratio Lower Upper

82 100

128 45.8 39.4 59.2

54 42.9 32.6 48.8



#24

Nitrobenzene

Concen: 2.729 ng

RT: 9.028 min Scan# 1027

Delta R.T. -0.012 min

Lab File: BP008987.D

Acq: 01 Feb 2022 15:24

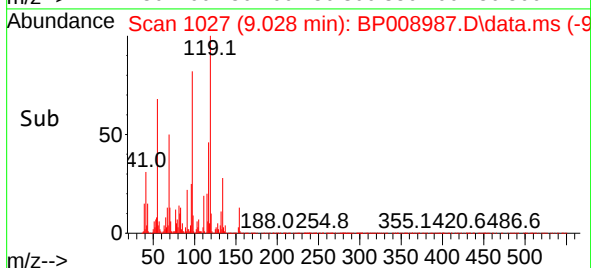
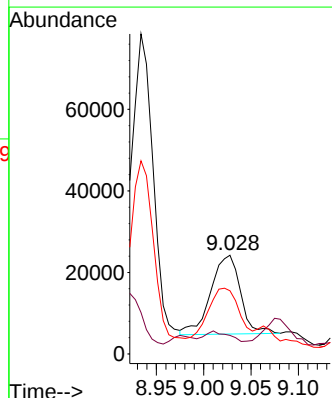
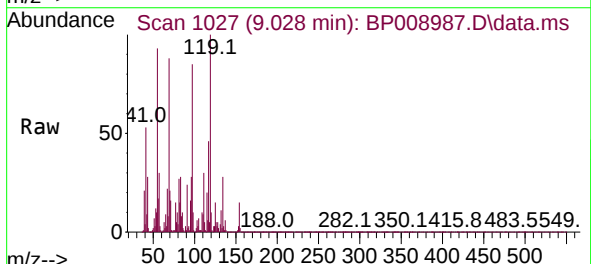
Tgt Ion: 77 Resp: 42312

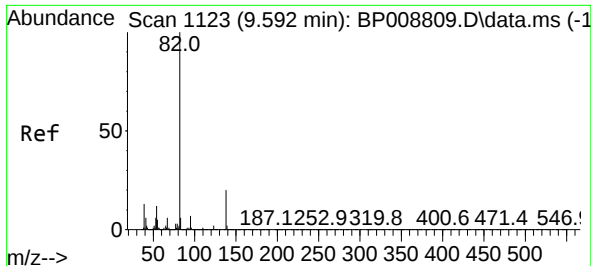
Ion Ratio Lower Upper

77 100

123 18.9 41.4 62.2#

65 63.9 9.8 14.8#

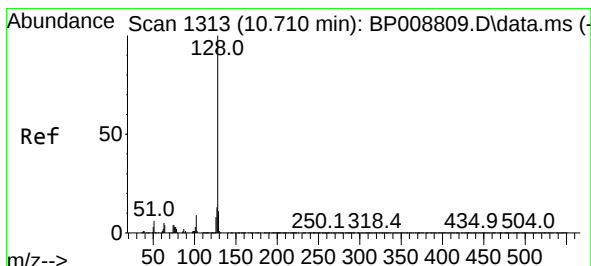
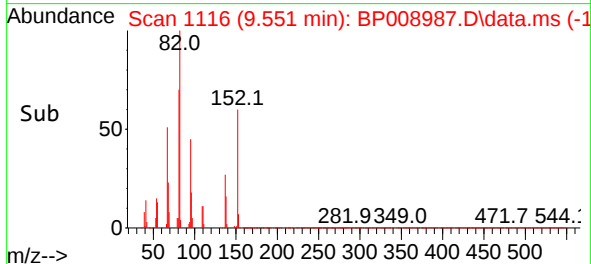
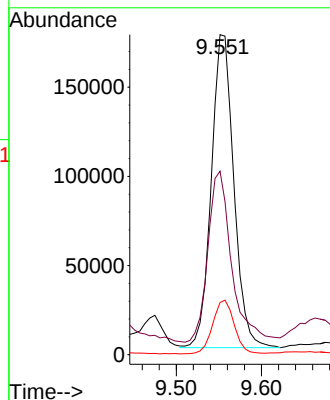
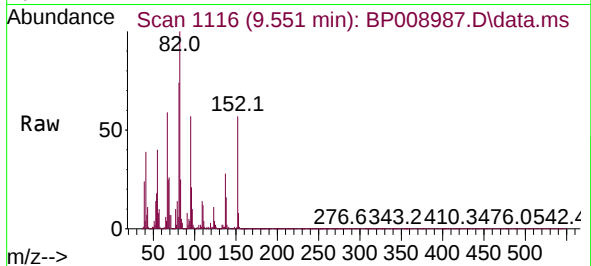




#25
Isophorone
Concen: 11.624 ng
RT: 9.551 min Scan# 1116
Delta R.T. -0.018 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

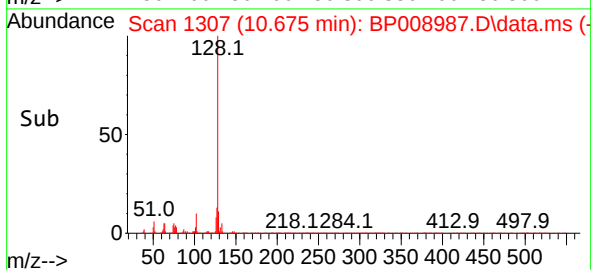
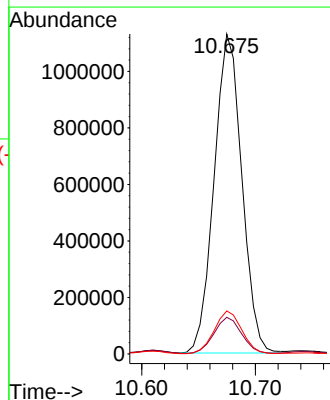
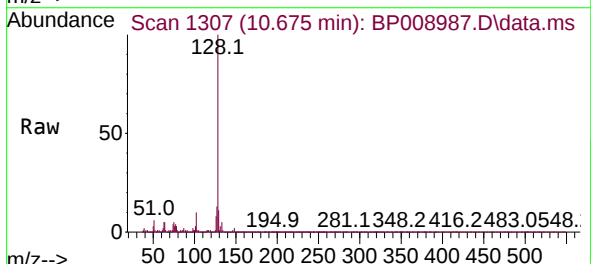
Instrument :
BNA_P
ClientSampleId :
CC-6RE

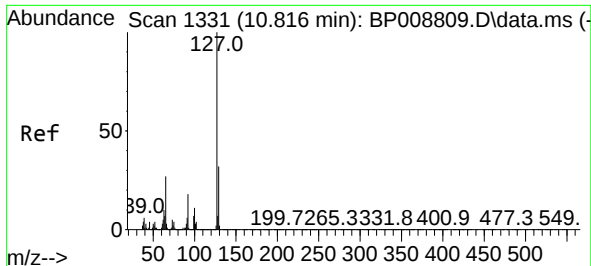
Tgt Ion: 82 Resp: 322394
Ion Ratio Lower Upper
82 100
95 57.4 5.4 8.2#
138 16.3 16.6 24.8#



#31
Naphthalene
Concen: 40.450 ng
RT: 10.675 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Tgt Ion: 128 Resp: 1914291
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.4 10.4 15.6

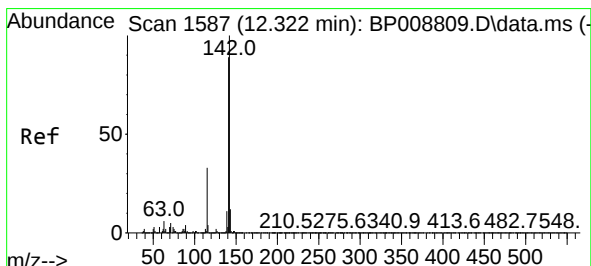
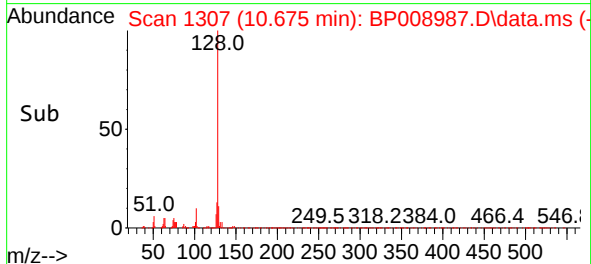
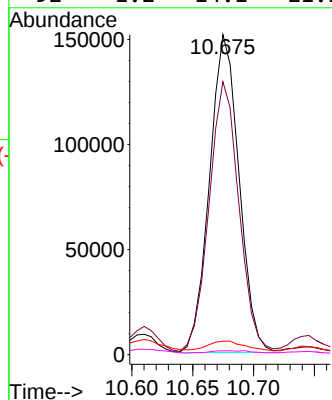
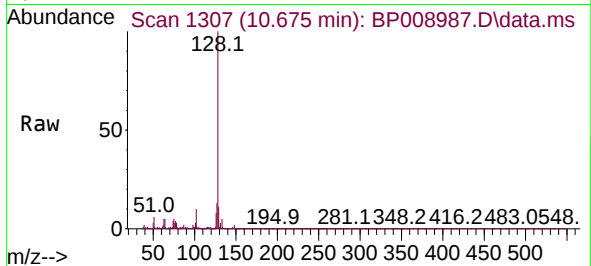




#33
4-Chloroaniline
Concen: 13.234 ng
RT: 10.675 min Scan# 11
Delta R.T. -0.124 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

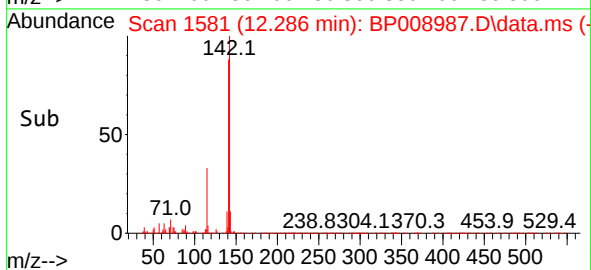
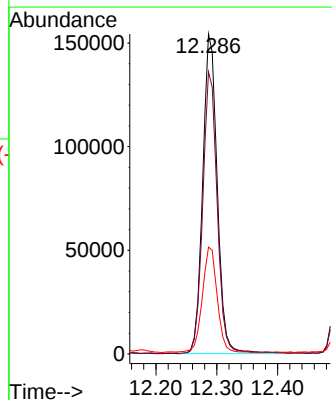
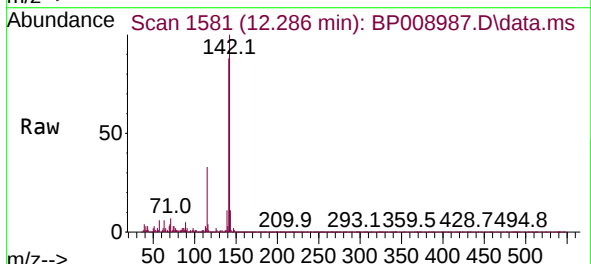
Instrument :
BNA_P
ClientSampleId :
CC-6RE

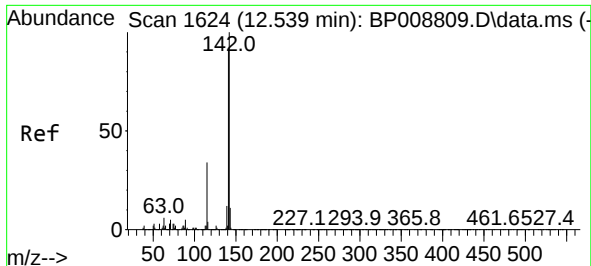
Tgt Ion:	127	Resp:	255220
Ion	Ratio	Lower	Upper
127	100		
129	85.3	26.0	39.0#
65	4.2	20.5	30.7#
92	1.2	14.1	21.1#



#37
2-Methylnaphthalene
Concen: 7.397 ng
RT: 12.286 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Tgt Ion:	142	Resp:	255920
Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.5	105.7
115	33.4	24.6	36.8

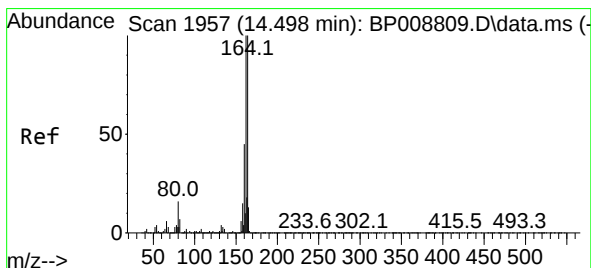
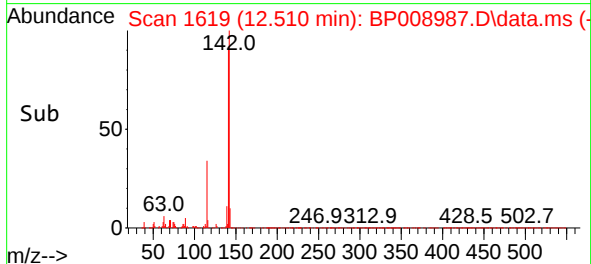
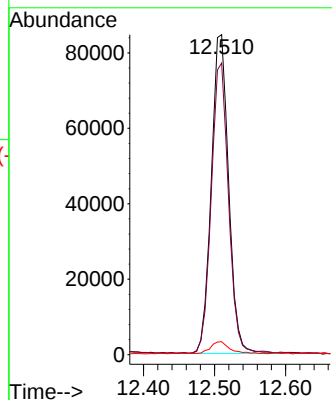
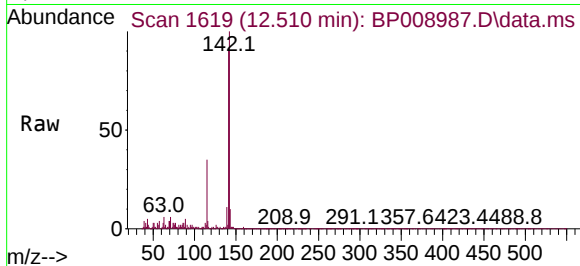




#38
1-Methylnaphthalene
Concen: 4.501 ng
RT: 12.510 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

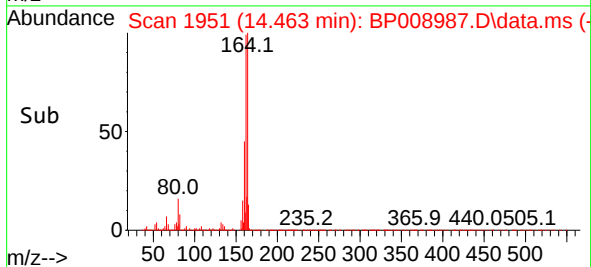
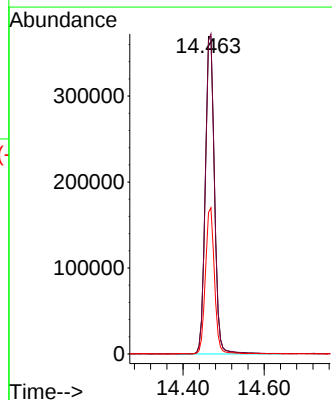
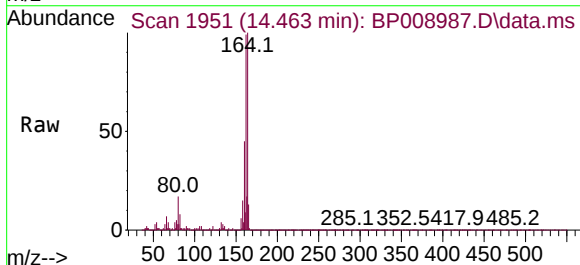
Instrument :
BNA_P
ClientSampleId :
CC-6RE

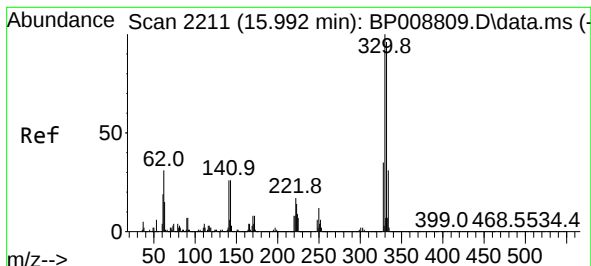
Tgt Ion:142 Resp: 142942
Ion Ratio Lower Upper
142 100
141 91.2 73.2 109.8
116 4.0 2.7 4.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Tgt Ion:164 Resp: 581647
Ion Ratio Lower Upper
164 100
162 98.6 79.9 119.9
160 44.6 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 0.096 ng

RT: 15.969 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP008987.D

Acq: 01 Feb 2022 15:24

Instrument :

BNA_P

ClientSampleId :

CC-6RE

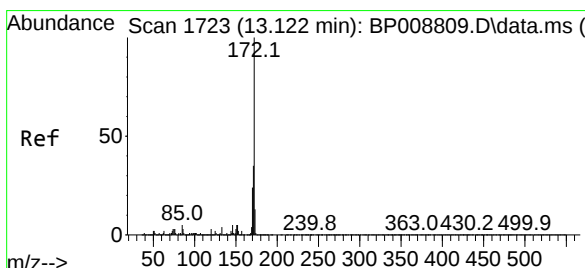
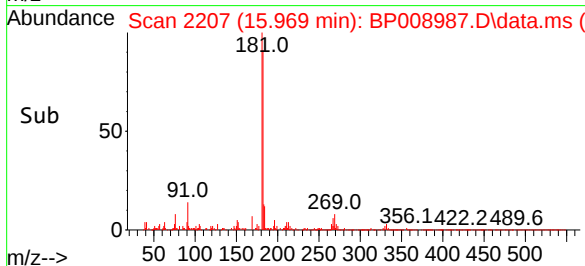
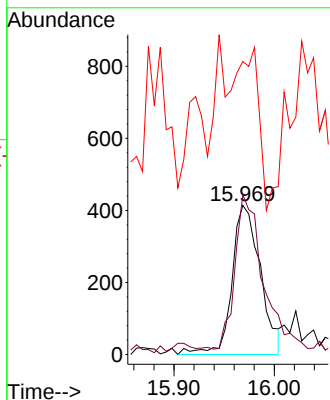
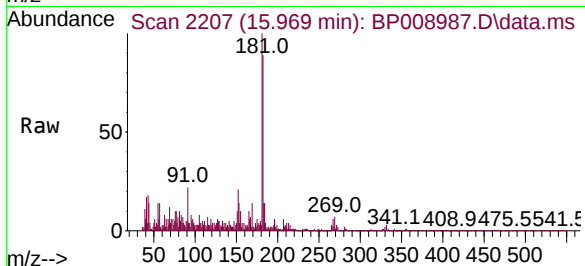
Tgt Ion:330 Resp: 817

Ion Ratio Lower Upper

330 100

332 105.9 77.0 115.4

141 81.2 21.3 31.9#



#45

2-Fluorobiphenyl

Concen: 70.056 ng

RT: 13.092 min Scan# 1718

Delta R.T. -0.006 min

Lab File: BP008987.D

Acq: 01 Feb 2022 15:24

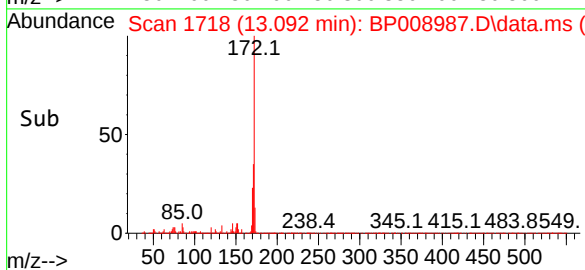
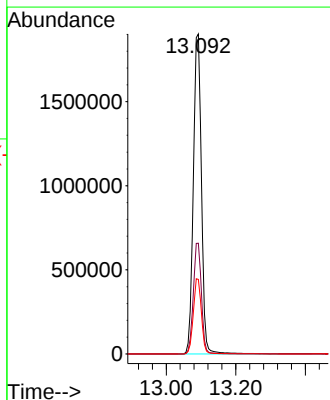
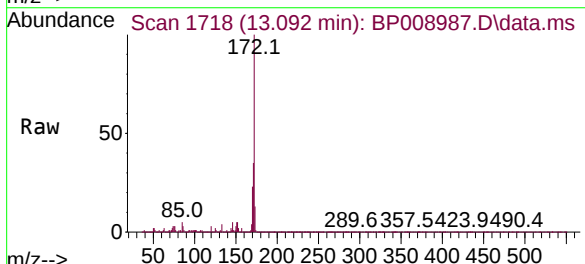
Tgt Ion:172 Resp: 3089899

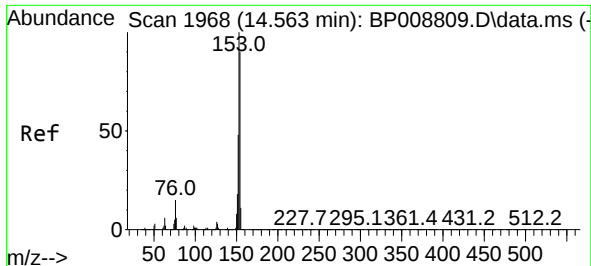
Ion Ratio Lower Upper

172 100

171 34.6 29.3 43.9

170 23.3 19.5 29.3

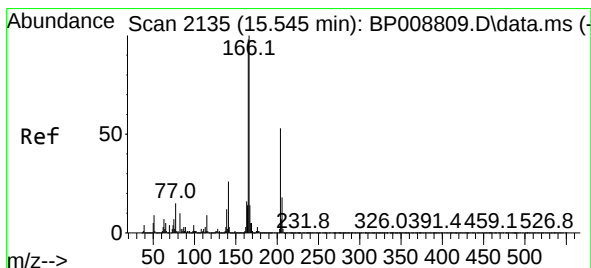
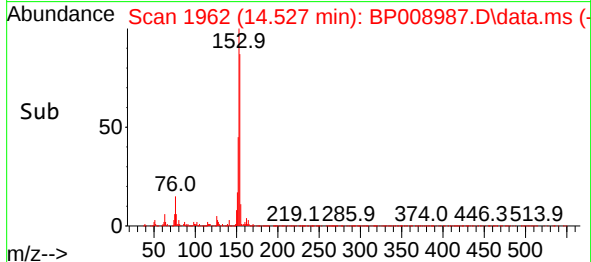
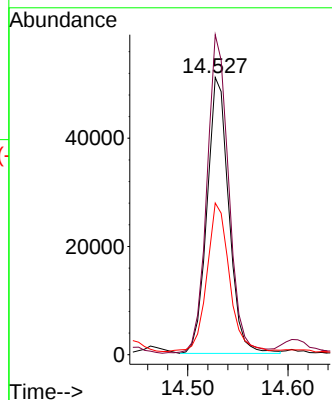
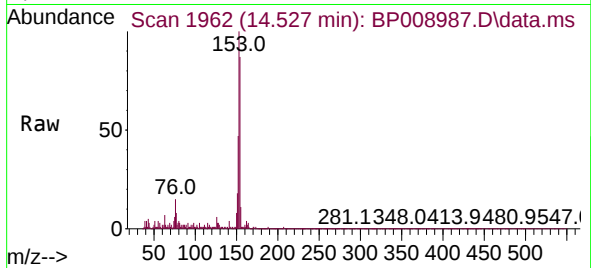




#52
Acenaphthene
Concen: 2.356 ng
RT: 14.527 min Scan# 1962
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

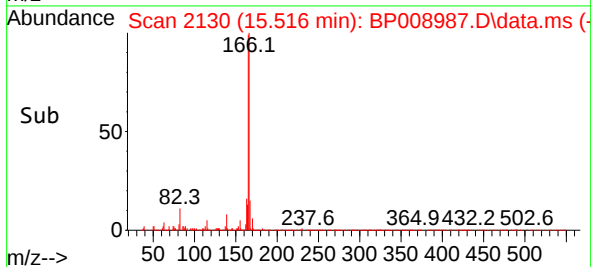
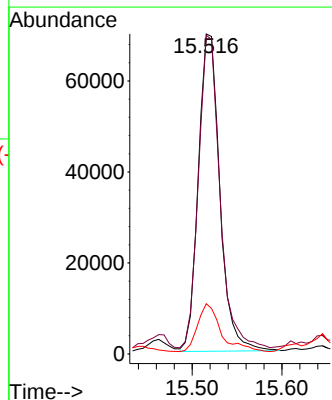
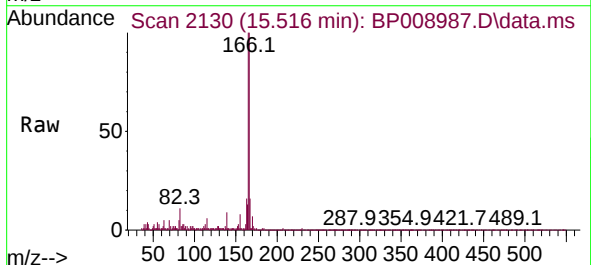
Instrument :
BNA_P
ClientSampleId :
CC-6RE

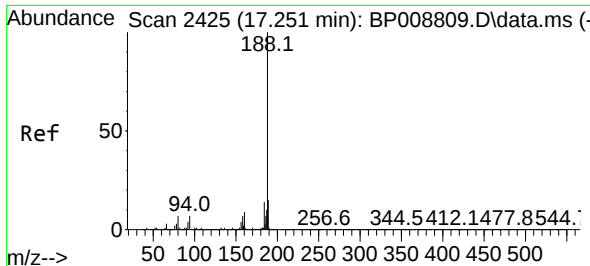
Tgt Ion:154 Resp: 77033
Ion Ratio Lower Upper
154 100
153 115.4 89.4 134.2
152 54.7 42.6 63.8



#58
Fluorene
Concen: 2.764 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Tgt Ion:166 Resp: 116324
Ion Ratio Lower Upper
166 100
165 99.6 77.2 115.8
167 15.7 11.2 16.8

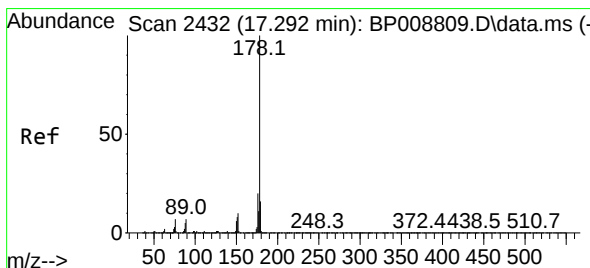
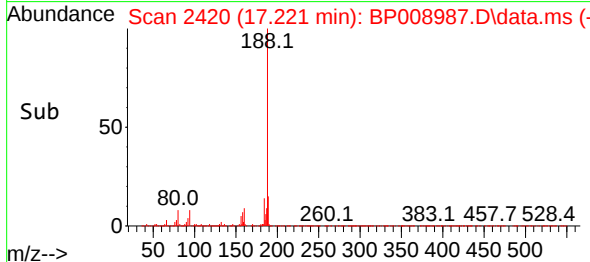
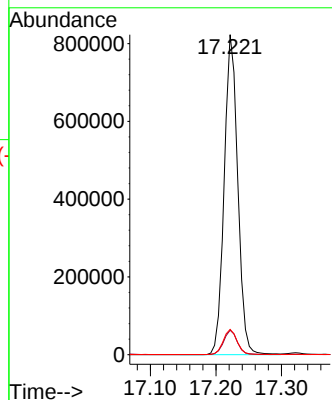
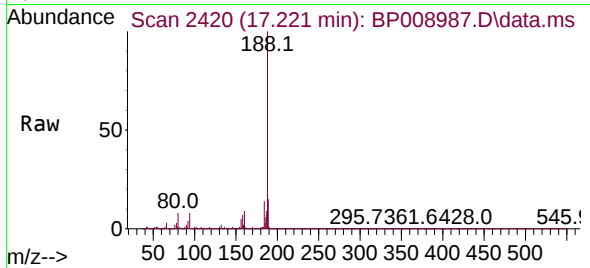




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

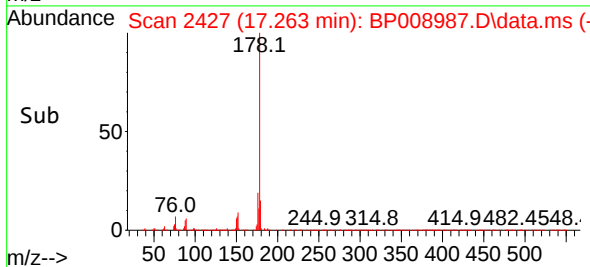
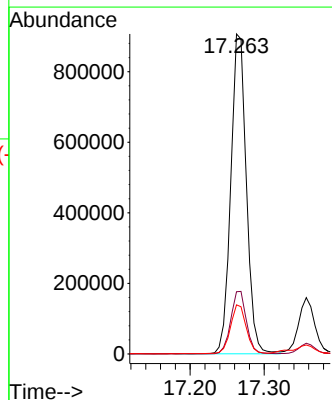
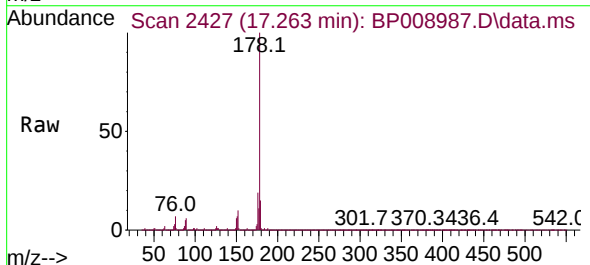
Instrument :
BNA_P
ClientSampleId :
CC-6RE

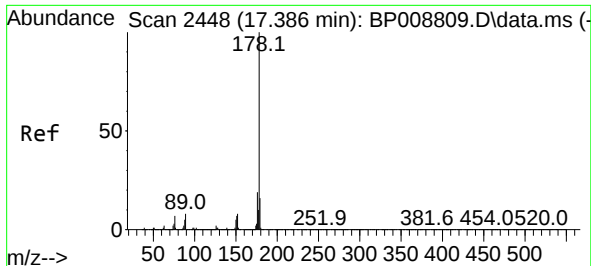
Tgt Ion:188 Resp: 1176098
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 7.9 7.2 10.8



#71
Phenanthrene
Concen: 19.983 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Tgt Ion:178 Resp: 1323240
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.3 13.0 19.4

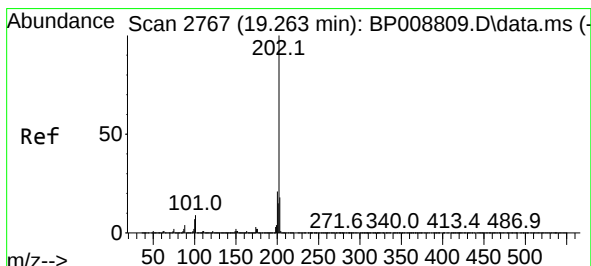
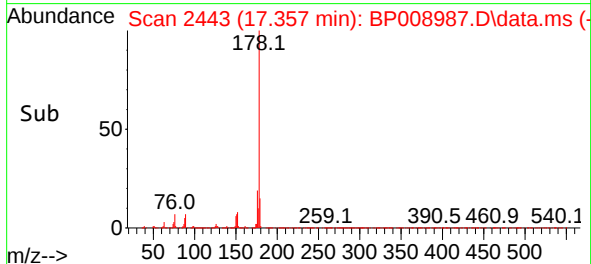
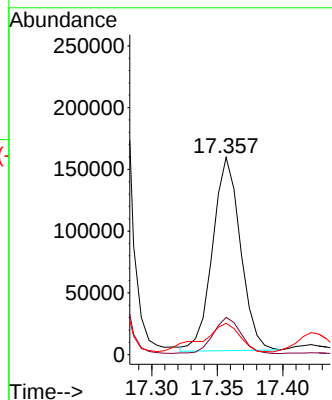
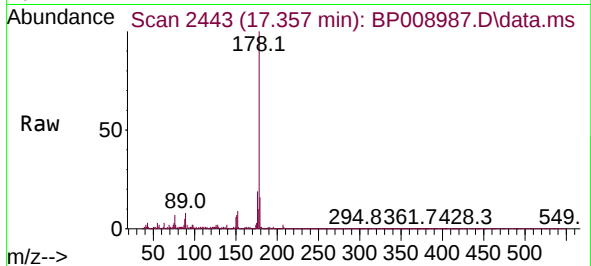




#72
 Anthracene
 Concen: 3.485 ng
 RT: 17.357 min Scan# 2448
 Delta R.T. -0.012 min
 Lab File: BP008987.D
 Acq: 01 Feb 2022 15:24

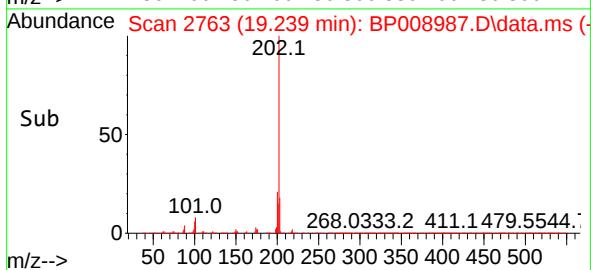
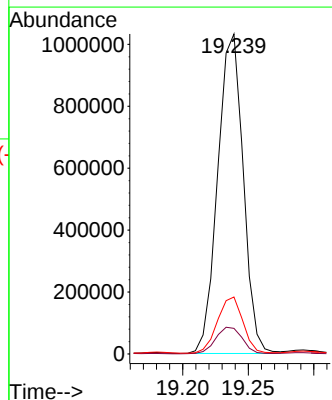
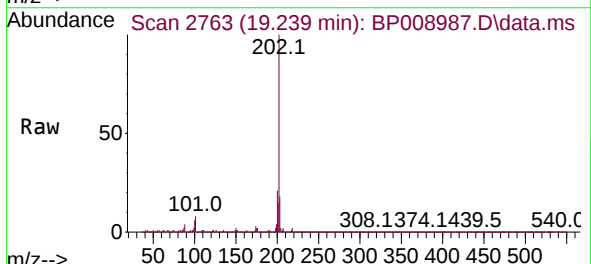
Instrument :
 BNA_P
 ClientSampleId :
 CC-6RE

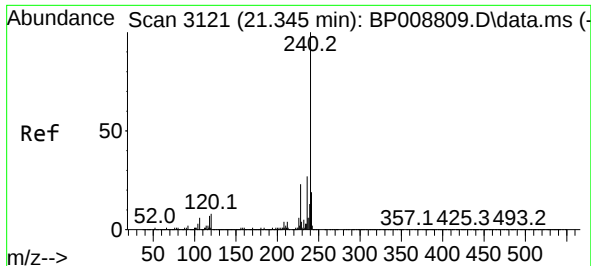
Tgt Ion:178 Resp: 231504
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.1 22.7
 179 15.9 12.8 19.2



#75
 Fluoranthene
 Concen: 18.966 ng
 RT: 19.239 min Scan# 2763
 Delta R.T. -0.006 min
 Lab File: BP008987.D
 Acq: 01 Feb 2022 15:24

Tgt Ion:202 Resp: 1396657
 Ion Ratio Lower Upper
 202 100
 101 8.0 0.0 30.7
 203 17.8 0.0 38.9

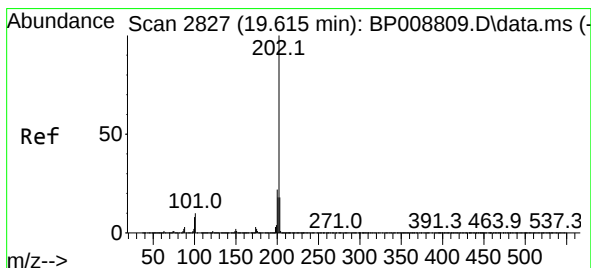
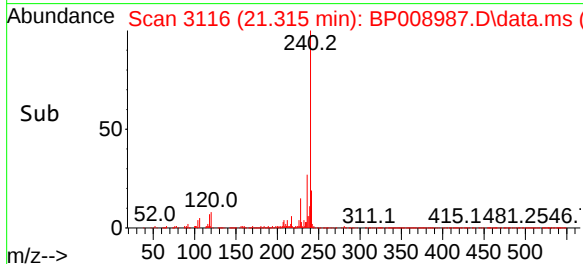
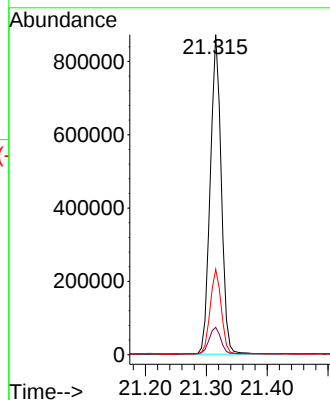
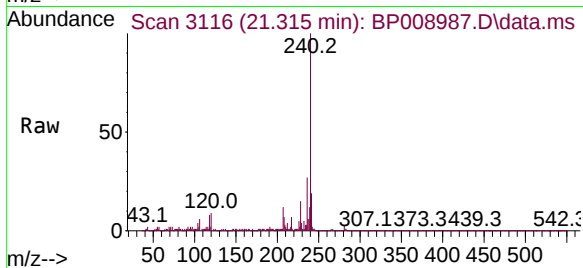




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.315 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

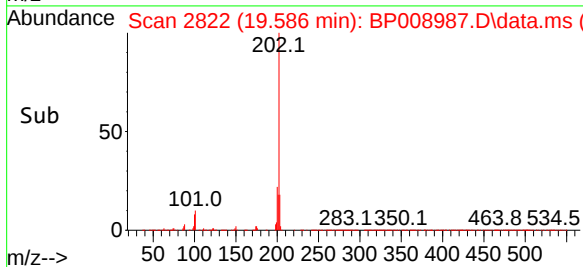
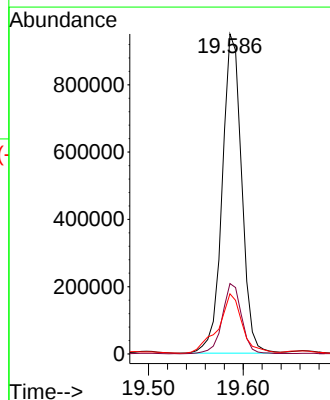
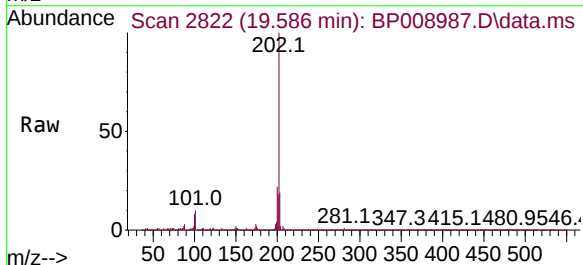
Instrument :
BNA_P
ClientSampleId :
CC-6RE

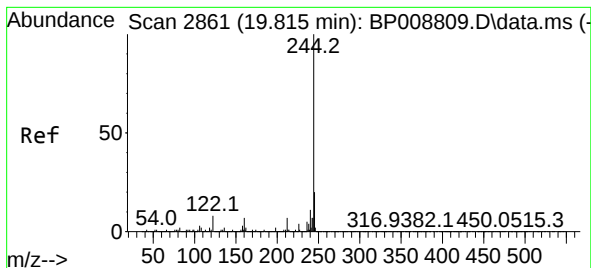
Tgt Ion:240 Resp: 1096825
Ion Ratio Lower Upper
240 100
120 8.5 7.7 11.5
236 26.7 21.2 31.8



#78
Pyrene
Concen: 17.698 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Tgt Ion:202 Resp: 1354453
Ion Ratio Lower Upper
202 100
200 22.0 18.0 27.0
203 18.8 15.0 22.6





#79

Terphenyl-d14

Concen: 66.430 ng

RT: 19.786 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP008987.D

Acq: 01 Feb 2022 15:24

Instrument :

BNA_P

ClientSampleId :

CC-6RE

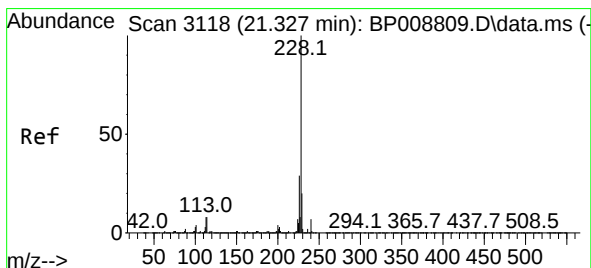
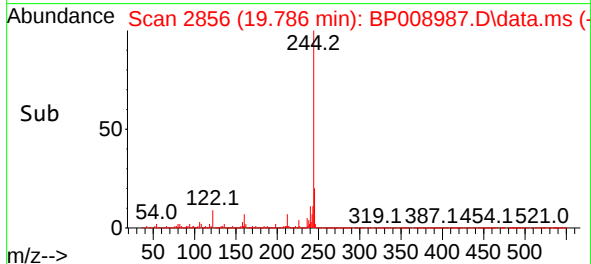
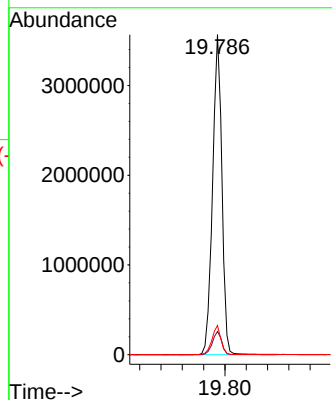
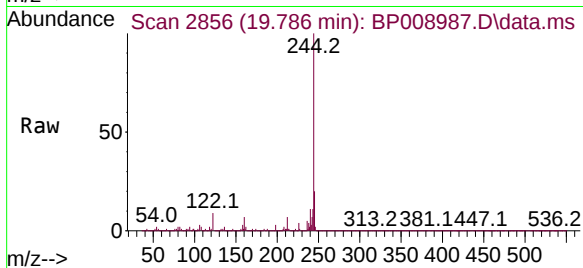
Tgt Ion:244 Resp: 4316618

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

122 9.1 9.2 13.8#



#81

Benzo(a)anthracene

Concen: 10.025 ng

RT: 21.298 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BP008987.D

Acq: 01 Feb 2022 15:24

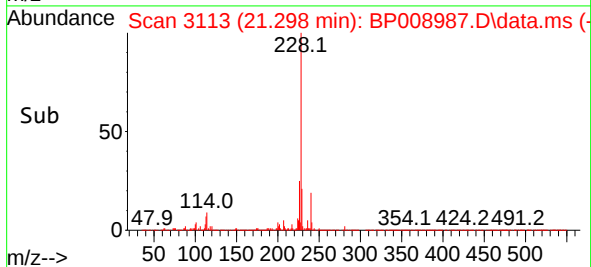
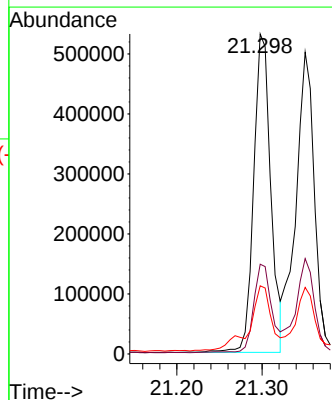
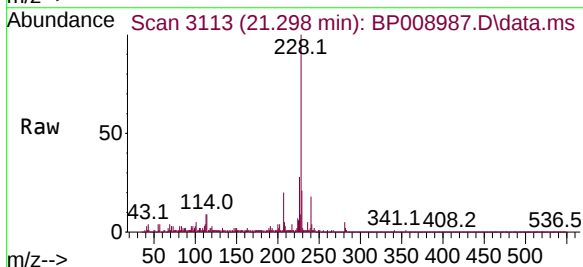
Tgt Ion:228 Resp: 739742

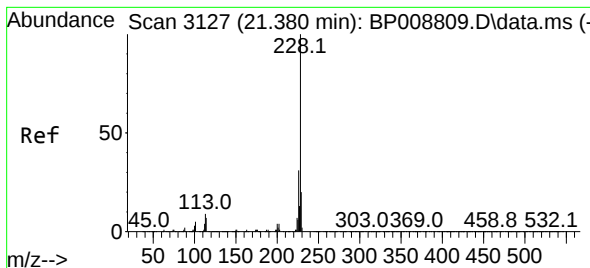
Ion Ratio Lower Upper

228 100

226 28.1 23.3 34.9

229 21.3 17.0 25.6





#83

Chrysene

Concen: 10.504 ng

RT: 21.351 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP008987.D

Acq: 01 Feb 2022 15:24

Instrument :

BNA_P

ClientSampleId :

CC-6RE

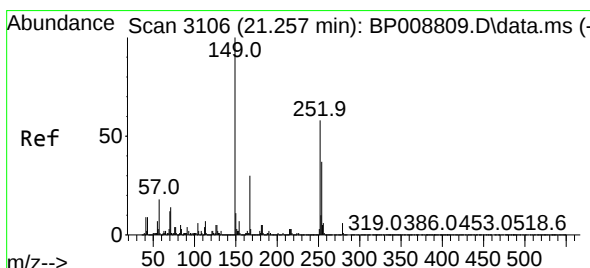
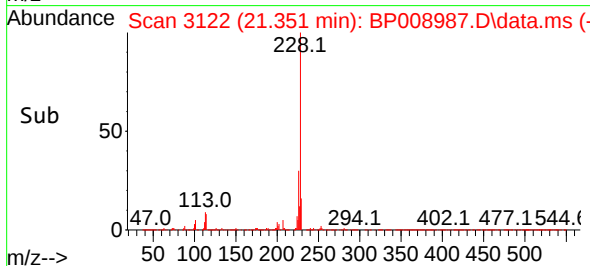
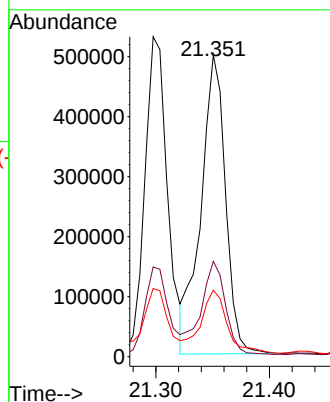
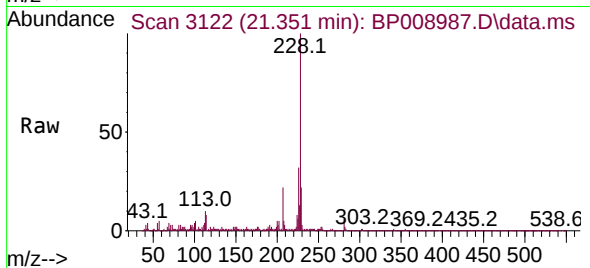
Tgt Ion:228 Resp: 751326

Ion Ratio Lower Upper

228 100

226 31.6 26.0 39.0

229 22.1 16.9 25.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.192 ng

RT: 21.227 min Scan# 3101

Delta R.T. -0.012 min

Lab File: BP008987.D

Acq: 01 Feb 2022 15:24

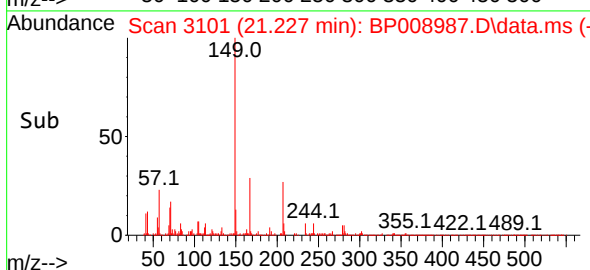
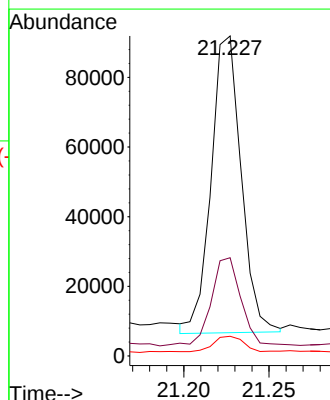
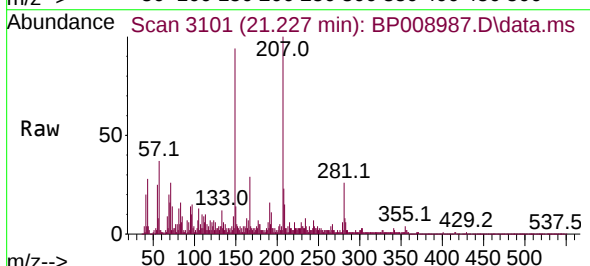
Tgt Ion:149 Resp: 104468

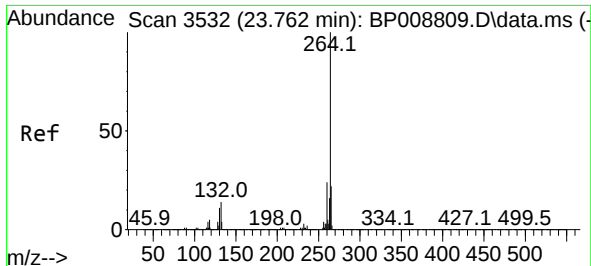
Ion Ratio Lower Upper

149 100

167 30.7 25.0 37.4

279 6.2 4.8 7.2



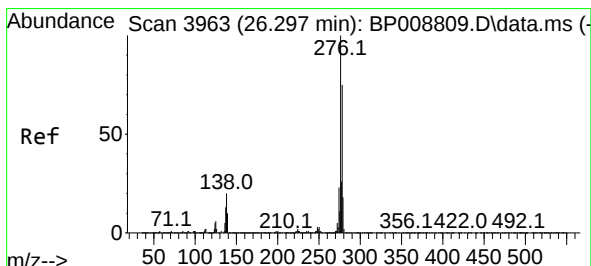
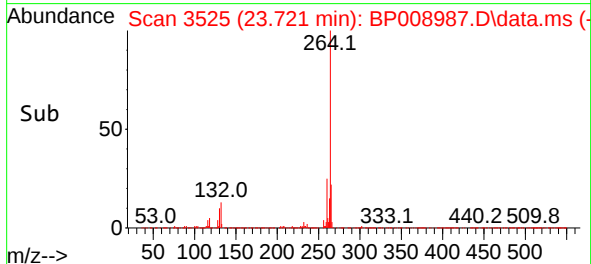
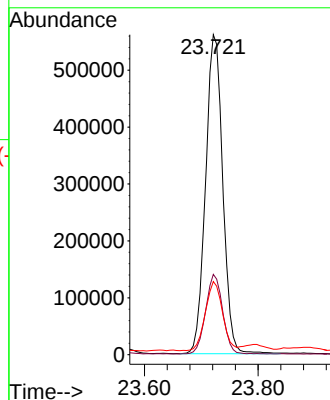
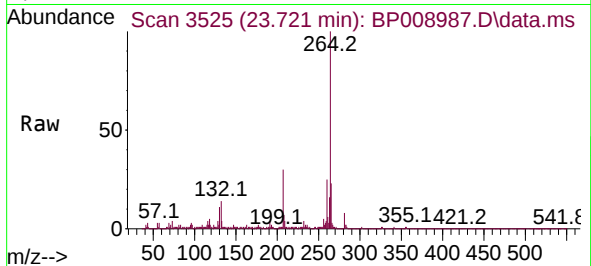


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Instrument :
BNA_P
ClientSampleId :
CC-6RE

Tgt Ion:264 Resp: 1174259

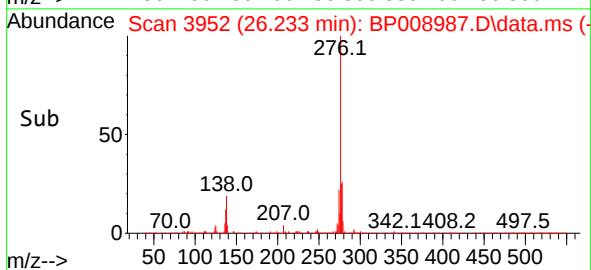
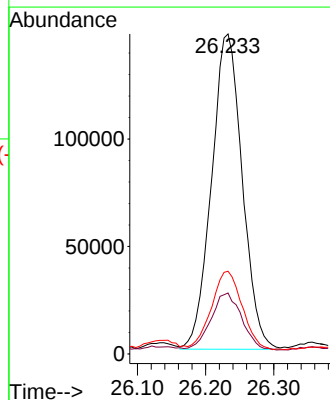
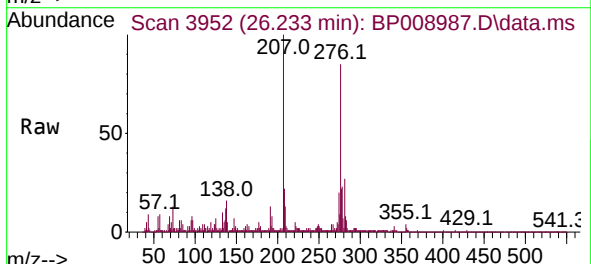
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.1	28.7
265	22.8	17.1	25.7

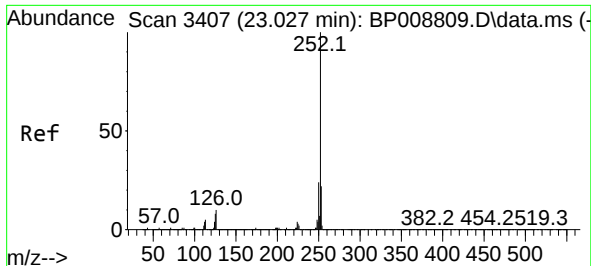


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.757 ng
RT: 26.233 min Scan# 3952
Delta R.T. -0.030 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Tgt Ion:276 Resp: 460316

Ion	Ratio	Lower	Upper
276	100		
138	18.0	17.8	26.6
277	24.4	20.4	30.6

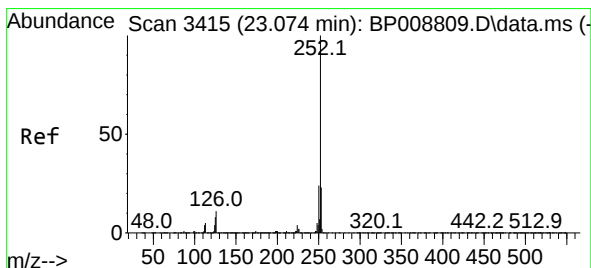
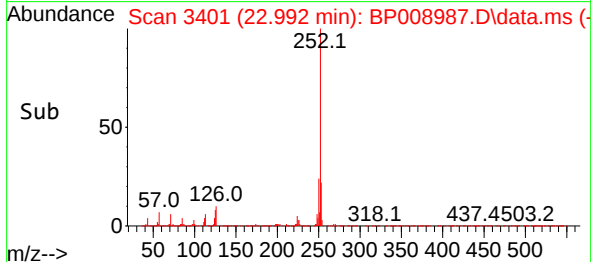
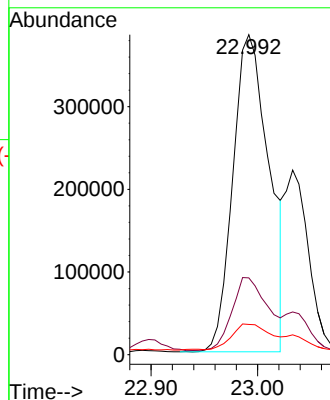
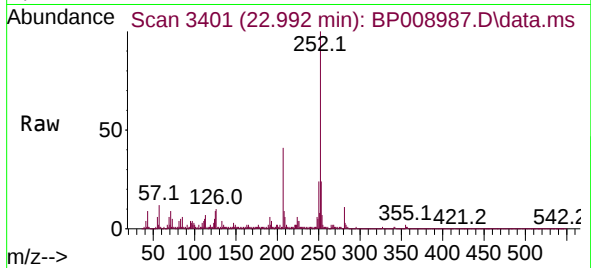




#88
Benzo(b)fluoranthene
Concen: 11.582 ng
RT: 22.992 min Scan# 3401
Delta R.T. -0.012 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

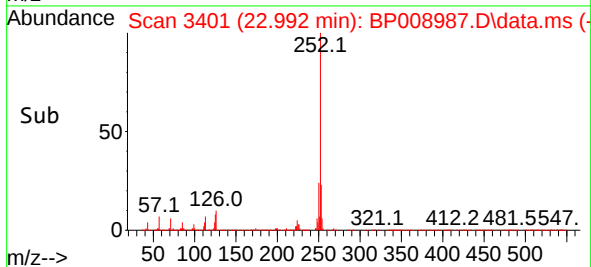
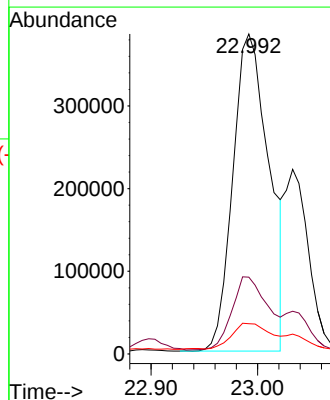
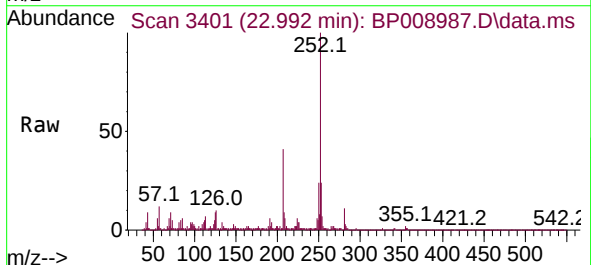
Instrument :
BNA_P
ClientSampleId :
CC-6RE

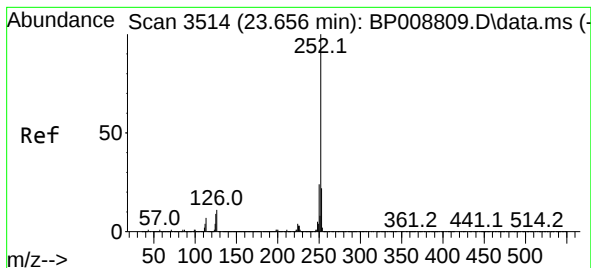
Tgt Ion:252 Resp: 908259
Ion Ratio Lower Upper
252 100
253 24.0 18.0 27.0
125 9.4 6.9 10.3



#89
Benzo(k)fluoranthene
Concen: 11.965 ng
RT: 22.992 min Scan# 3401
Delta R.T. -0.059 min
Lab File: BP008987.D
Acq: 01 Feb 2022 15:24

Tgt Ion:252 Resp: 908259
Ion Ratio Lower Upper
252 100
253 24.0 18.2 27.2
125 9.4 7.3 10.9





#90

Benzo(a)pyrene

Concen: 8.298 ng

RT: 23.615 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP008987.D

Acq: 01 Feb 2022 15:24

Instrument :

BNA_P

ClientSampleId :

CC-6RE

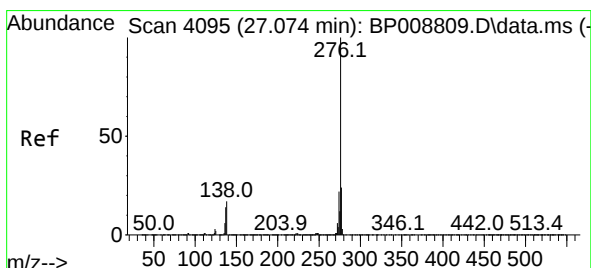
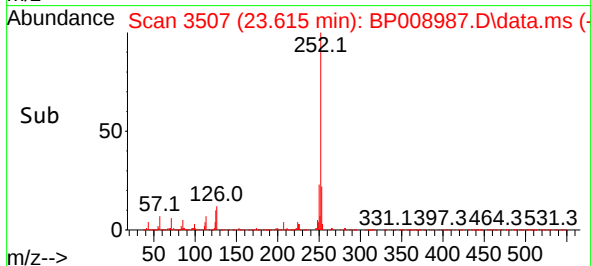
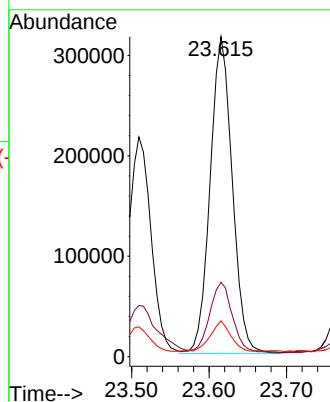
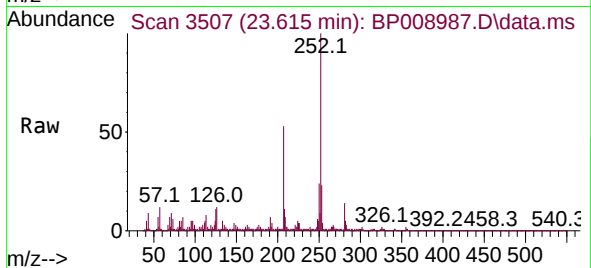
Tgt Ion:252 Resp: 628132

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

125 11.2 7.8 11.6



#92

Benzo(g,h,i)perylene

Concen: 5.717 ng

RT: 27.003 min Scan# 4083

Delta R.T. -0.030 min

Lab File: BP008987.D

Acq: 01 Feb 2022 15:24

Tgt Ion:276 Resp: 459241

Ion Ratio Lower Upper

276 100

277 24.8 19.2 28.8

138 17.7 15.0 22.4

