

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
 Data File : BP009054.D
 Acq On : 08 Feb 2022 12:44
 Operator : CG/JU
 Sample : N1362-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-342

Quant Time: Feb 08 14:04:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

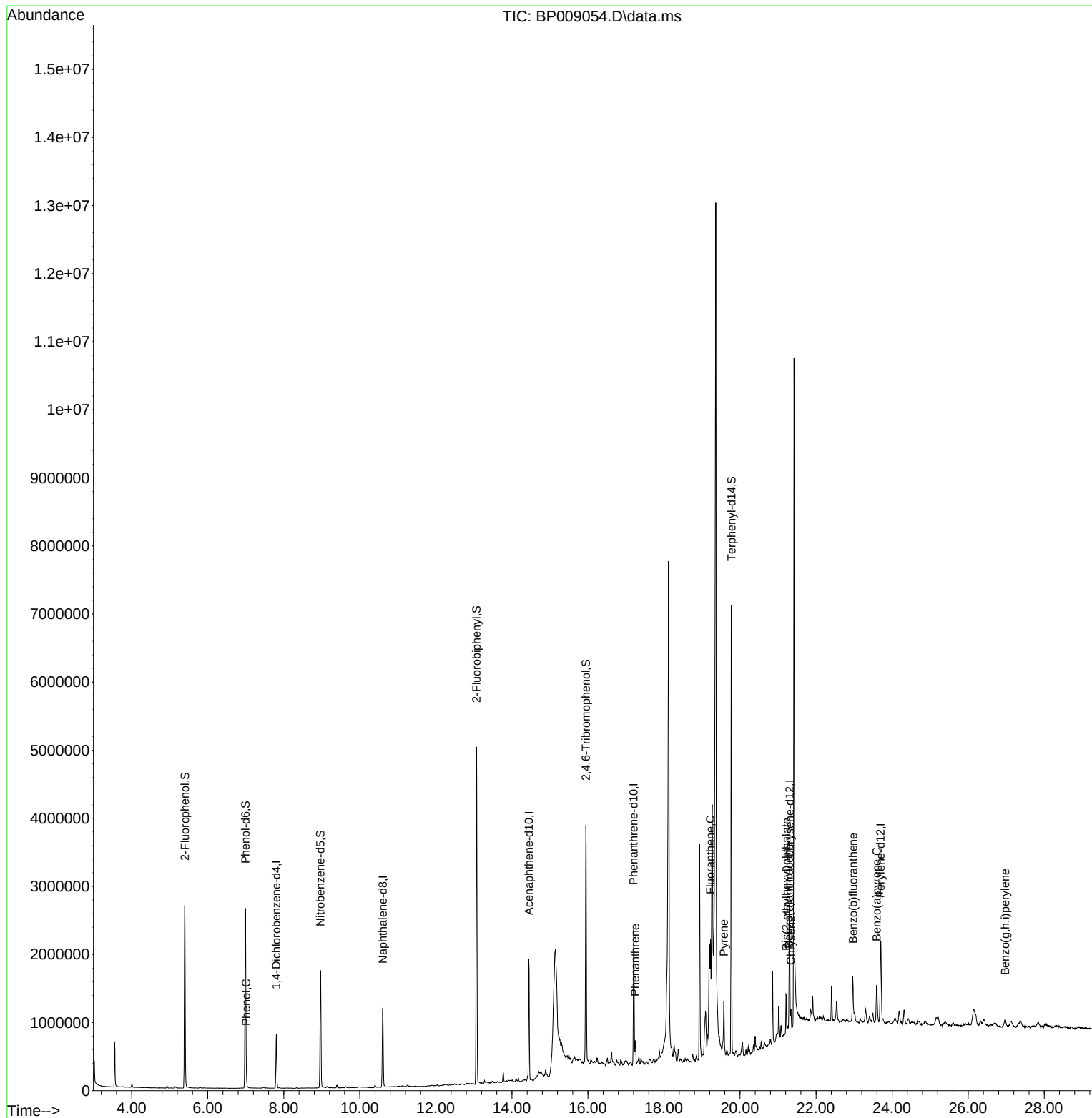
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	237479	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1031237	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	643537	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1238736	20.000	ng	0.00
76) Chrysene-d12	21.304	240	877856	20.000	ng	0.00
86) Perylene-d12	23.698	264	966564	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1315958	98.847	ng	0.00
7) Phenol-d6	6.993	99	1674685	95.466	ng	0.00
23) Nitrobenzene-d5	8.963	82	1085280	59.349	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	832965	96.942	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2753334	59.894	ng	0.00
79) Terphenyl-d14	19.774	244	3294205	67.483	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.016	94	37292	2.114	ng	78
71) Phenanthrene	17.245	178	232251	3.463	ng	99
75) Fluoranthene	19.221	202	405017	5.388	ng	98
78) Pyrene	19.574	202	461374	7.388	ng	98
81) Benzo(a)anthracene	21.286	228	179490	3.173	ng	99
83) Chrysene	21.339	228	175170	3.212	ng	97
84) Bis(2-ethylhexyl)phtha...	21.215	149	236380	8.322	ng	98
88) Benzo(b)fluoranthene	22.974	252	234188	3.936	ng	# 91
90) Benzo(a)pyrene	23.598	252	180138	3.631	ng	# 94
92) Benzo(g,h,i)perylene	26.974	276	142581	2.426	ng	# 85

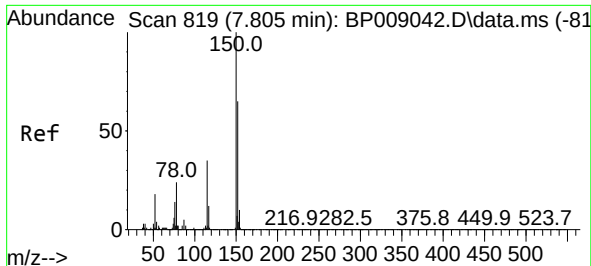
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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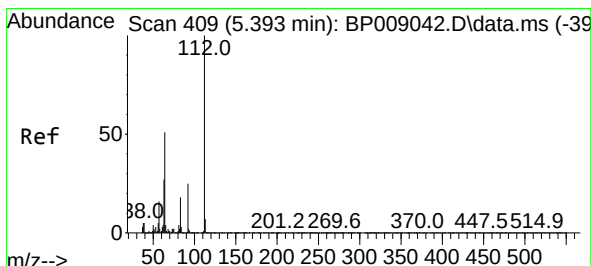
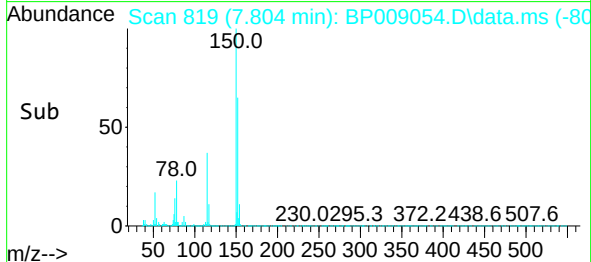
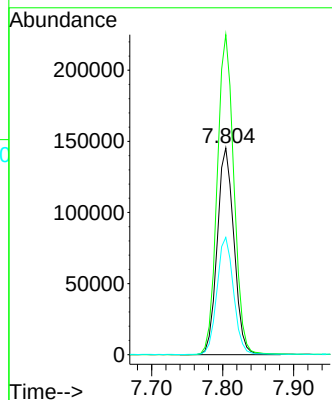
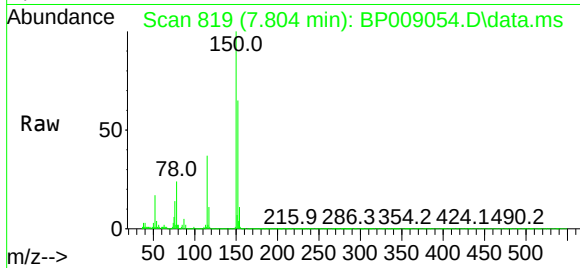




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.001 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

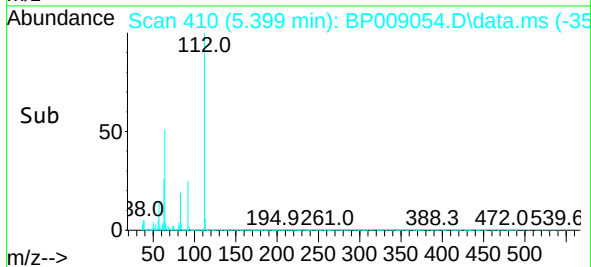
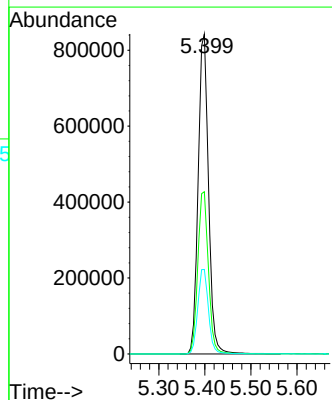
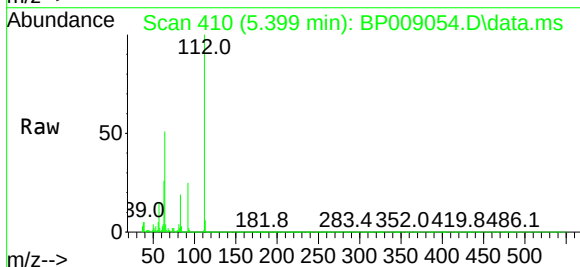
Instrument :
BNA_P
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RO-342

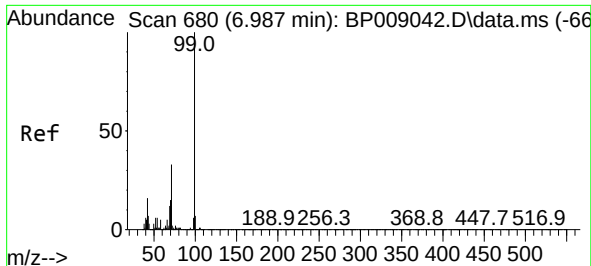
Tgt Ion:152 Resp: 237479
Ion Ratio Lower Upper
152 100
150 154.8 127.0 190.6
115 56.8 43.7 65.5



#5
2-Fluorophenol
Concen: 98.847 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

Tgt Ion:112 Resp: 1315958
Ion Ratio Lower Upper
112 100
64 50.7 39.7 59.5
63 26.4 20.0 30.0

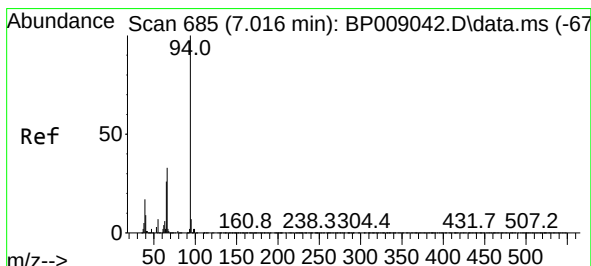
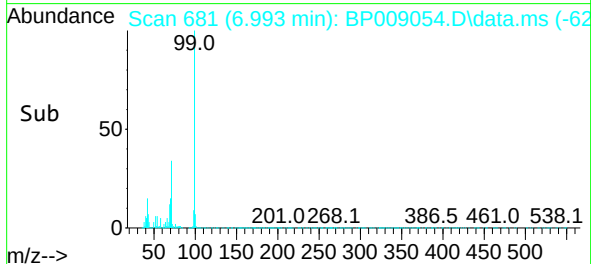
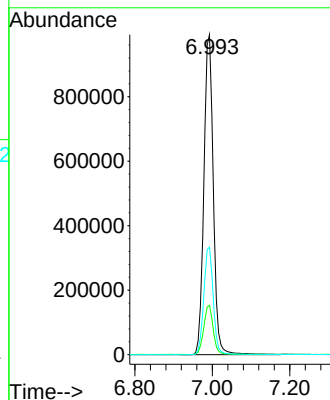
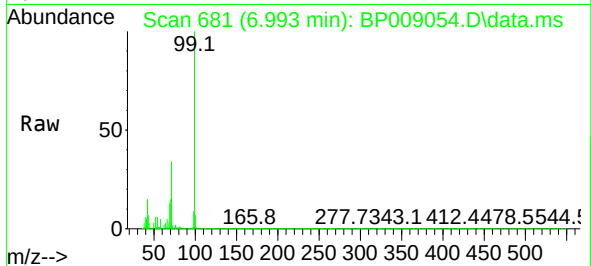




#7
Phenol-d6
Concen: 95.466 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

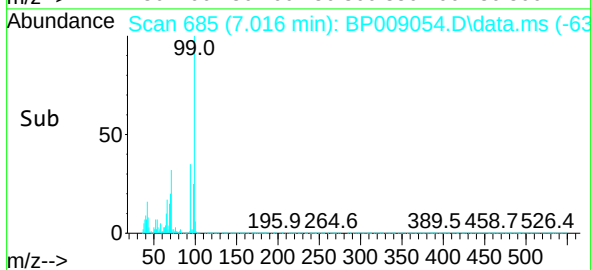
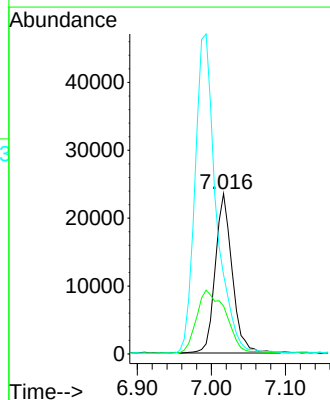
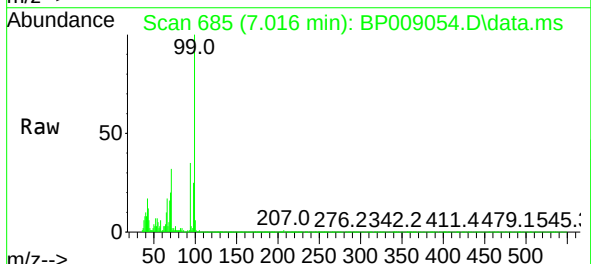
Instrument :
BNA_P
ClientSampleId :
RO-342

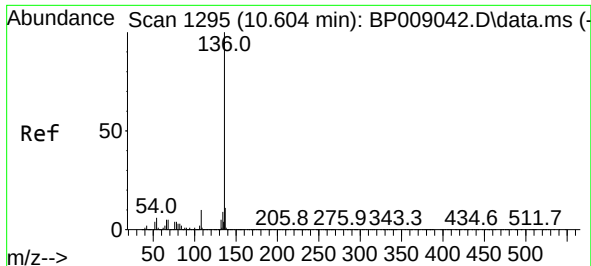
Tgt Ion: 99 Resp: 1674685
Ion Ratio Lower Upper
99 100
42 15.4 10.8 16.2
71 33.6 23.8 35.6



#10
Phenol
Concen: 2.114 ng
RT: 7.016 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

Tgt Ion: 94 Resp: 37292
Ion Ratio Lower Upper
94 100
65 29.9 4.1 44.1
66 49.4 12.4 52.4



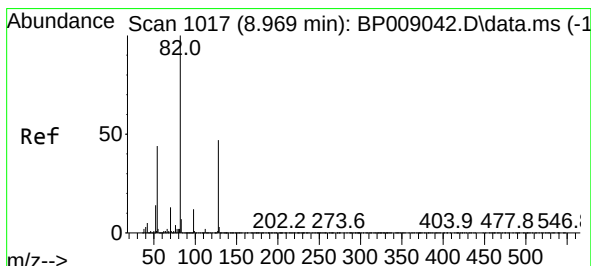
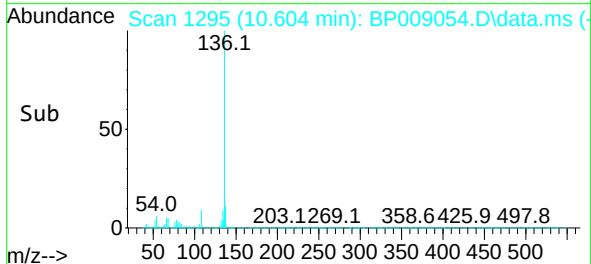
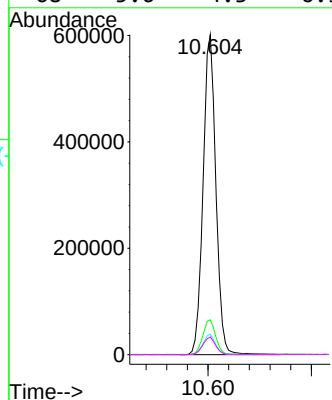
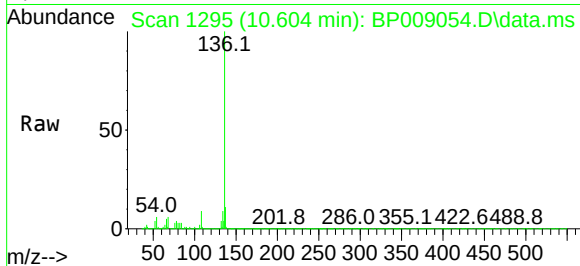


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

Instrument :
BNA_P
ClientSampleId :
RO-342

Tgt Ion:136 Resp: 1031237

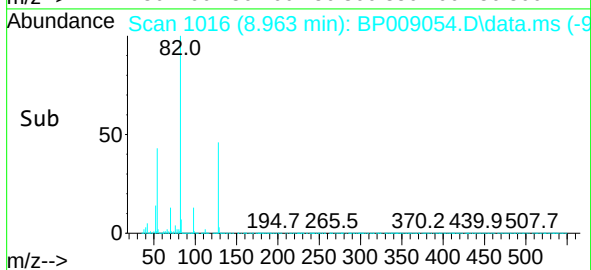
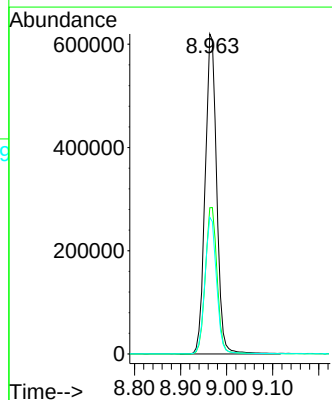
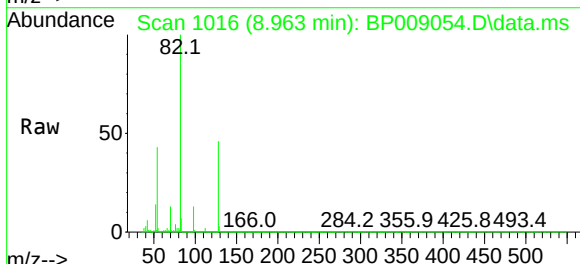
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.4	4.9	7.3
68	5.6	4.3	6.5

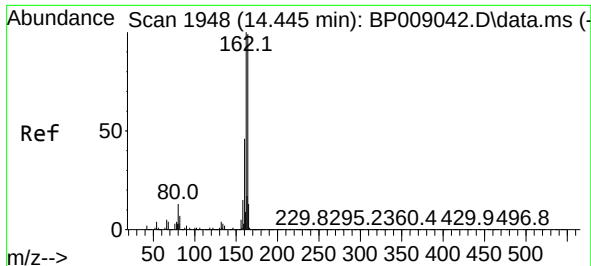


#23
Nitrobenzene-d5
Concen: 59.349 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

Tgt Ion: 82 Resp: 1085280

Ion	Ratio	Lower	Upper
82	100		
128	45.7	39.4	59.2
54	42.7	32.6	48.8

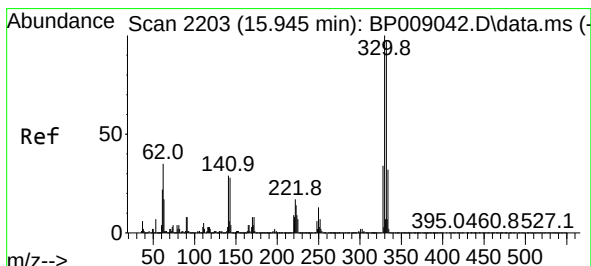
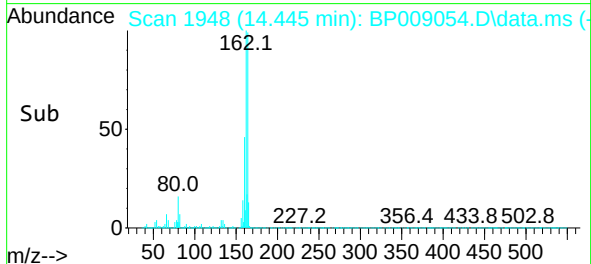
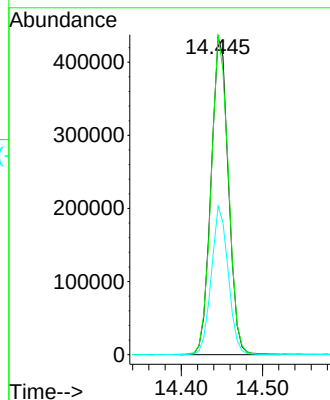
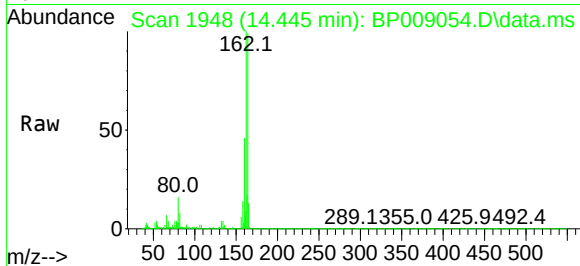




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

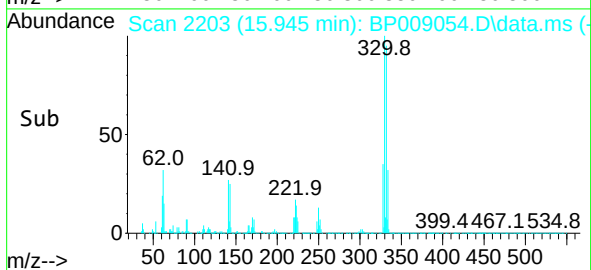
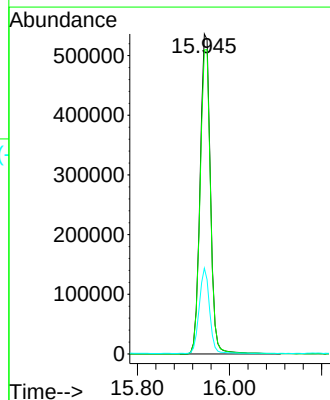
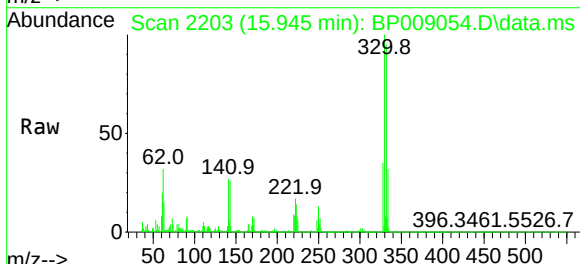
Instrument :
BNA_P
ClientSampleId :
RO-342

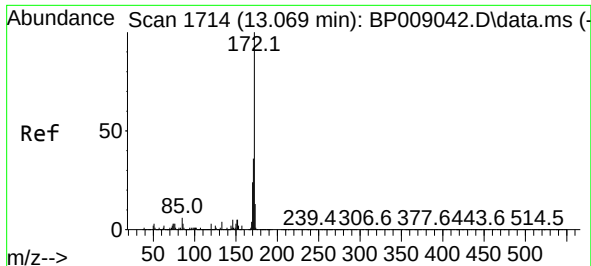
Tgt Ion:164 Resp: 643537
Ion Ratio Lower Upper
164 100
162 100.7 79.9 119.9
160 46.7 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 96.942 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

Tgt Ion:330 Resp: 832965
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 26.7 21.3 31.9

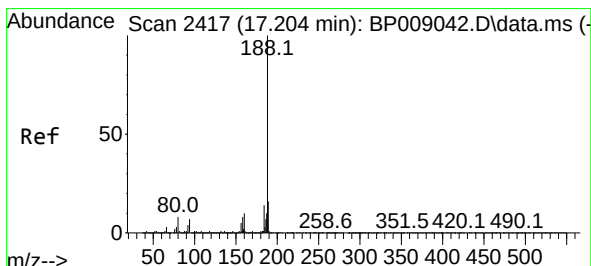
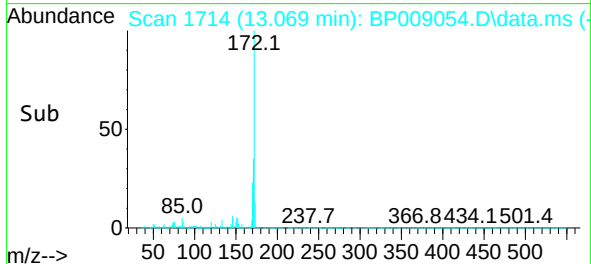
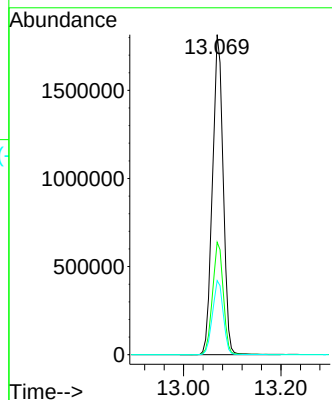
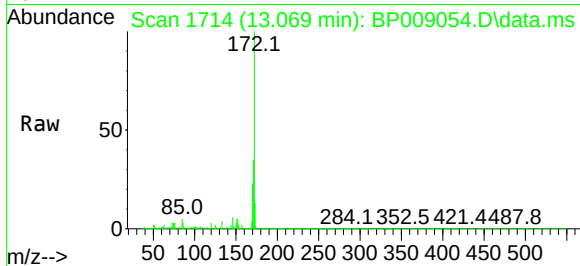




#45
2-Fluorobiphenyl
Concen: 59.894 ng
RT: 13.069 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

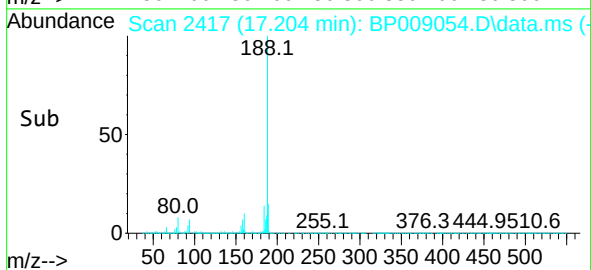
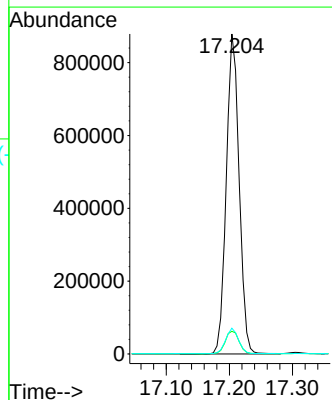
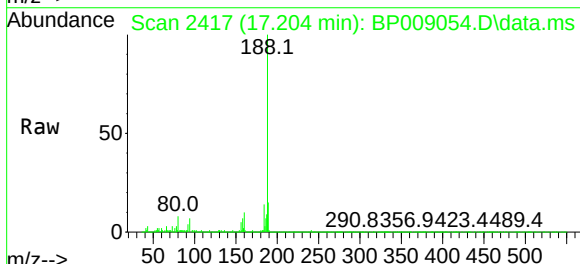
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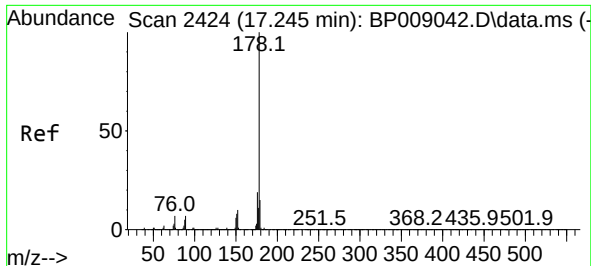
Tgt Ion:172 Resp: 2753334
Ion Ratio Lower Upper
172 100
171 35.1 29.3 43.9
170 23.2 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

Tgt Ion:188 Resp: 1238736
Ion Ratio Lower Upper
188 100
94 7.1 6.8 10.2
80 8.1 7.2 10.8

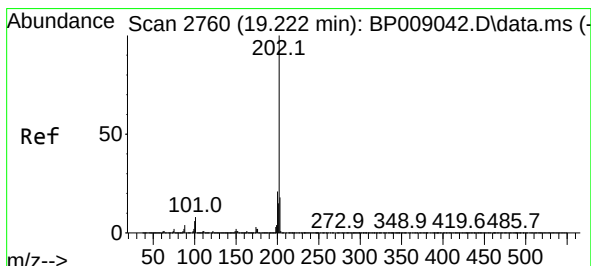
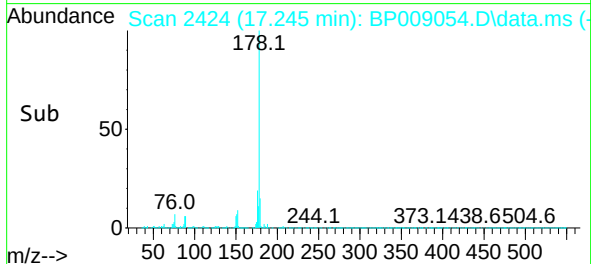
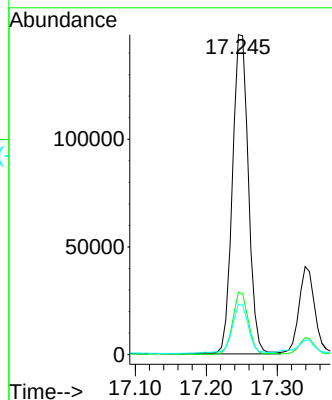
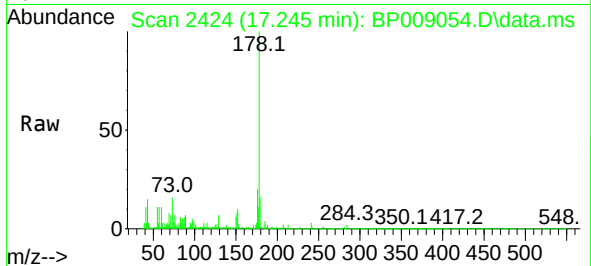




#71
Phenanthrene
Concen: 3.463 ng
RT: 17.245 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

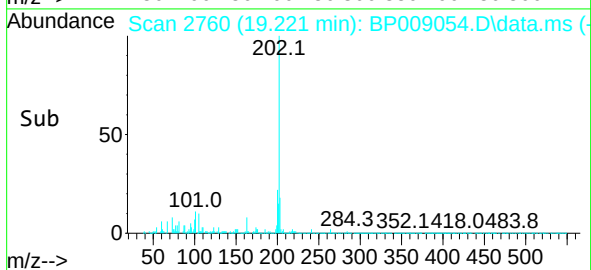
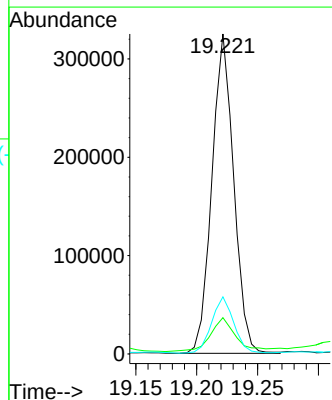
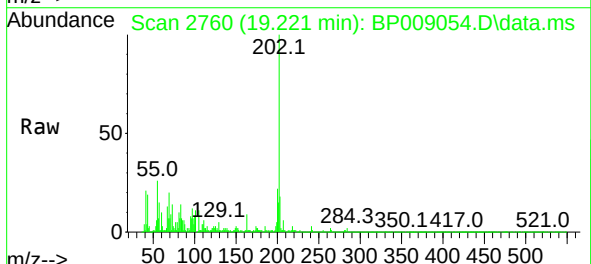
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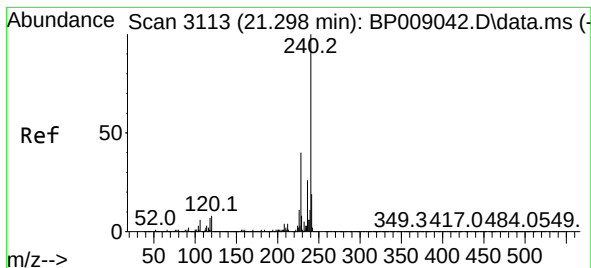
Tgt Ion:178 Resp: 232251
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.7 13.0 19.4



#75
Fluoranthene
Concen: 5.388 ng
RT: 19.221 min Scan# 2760
Delta R.T. -0.000 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

Tgt Ion:202 Resp: 405017
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.7
203 17.8 0.0 38.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.304 min Scan# 3114

Delta R.T. 0.006 min

Lab File: BP009054.D

Acq: 08 Feb 2022 12:44

Instrument :

BNA_P

ClientSampleId :

RO-342

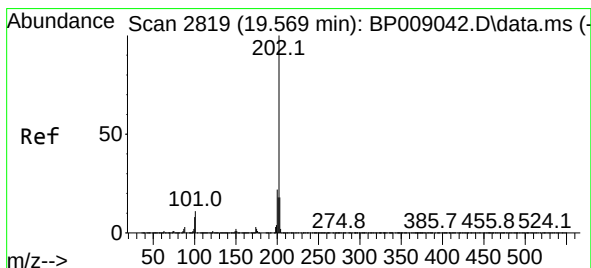
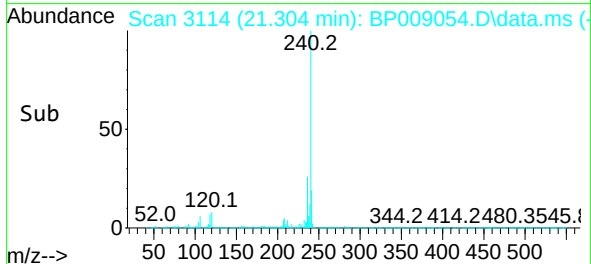
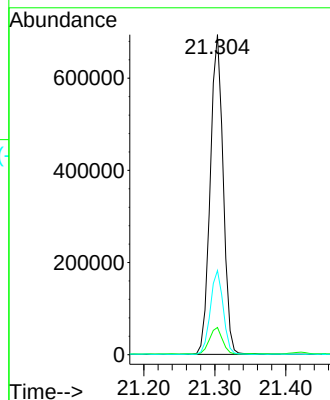
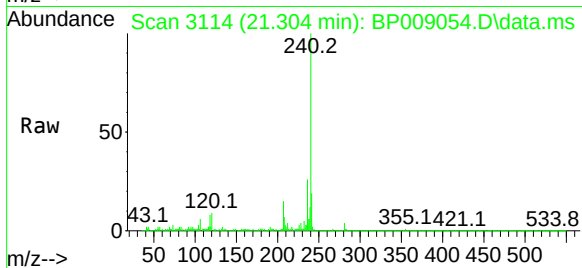
Tgt Ion:240 Resp: 877856

Ion Ratio Lower Upper

240 100

120 8.5 7.7 11.5

236 26.3 21.2 31.8



#78

Pyrene

Concen: 7.388 ng

RT: 19.574 min Scan# 2820

Delta R.T. 0.006 min

Lab File: BP009054.D

Acq: 08 Feb 2022 12:44

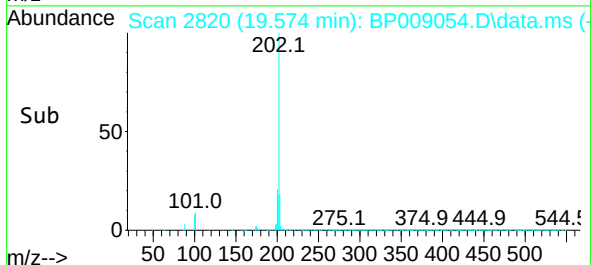
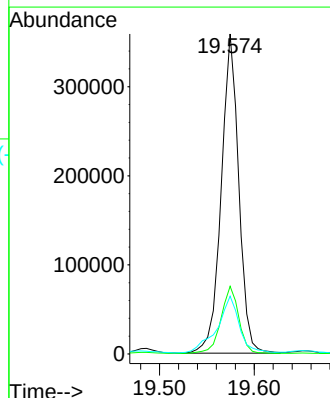
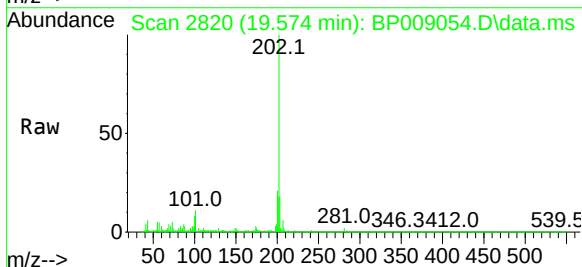
Tgt Ion:202 Resp: 461374

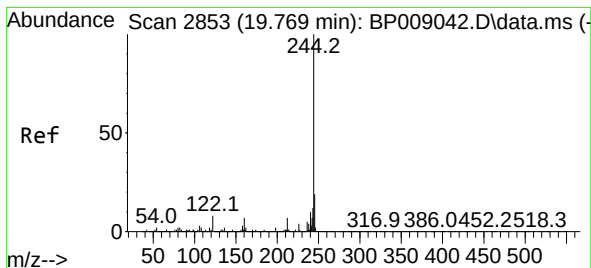
Ion Ratio Lower Upper

202 100

200 21.1 18.0 27.0

203 18.1 15.0 22.6





#79

Terphenyl-d14

Concen: 67.483 ng

RT: 19.774 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP009054.D

Acq: 08 Feb 2022 12:44

Instrument :

BNA_P

ClientSampleId :

RO-342

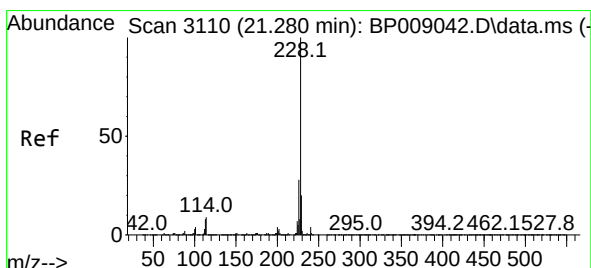
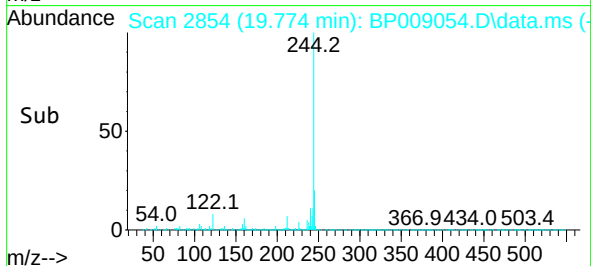
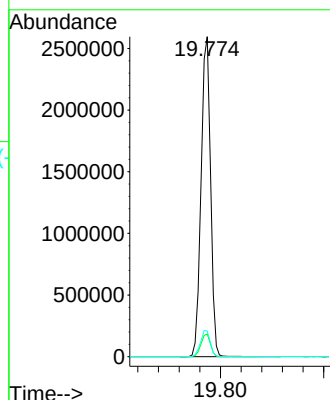
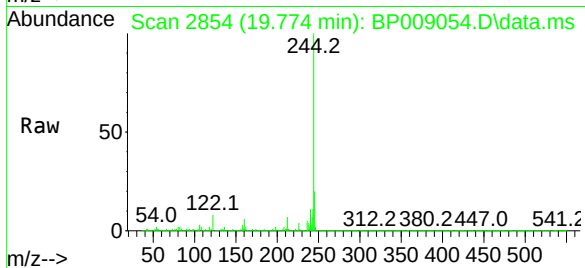
Tgt Ion:244 Resp: 3294205

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

122 8.0 9.2 13.8#



#81

Benzo(a)anthracene

Concen: 3.173 ng

RT: 21.286 min Scan# 3111

Delta R.T. 0.006 min

Lab File: BP009054.D

Acq: 08 Feb 2022 12:44

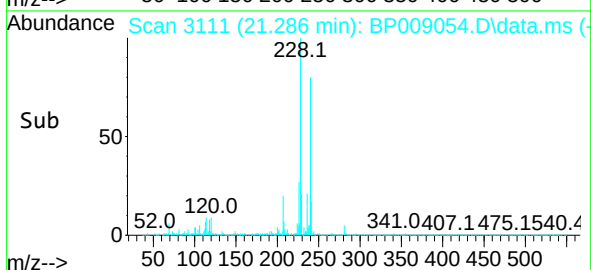
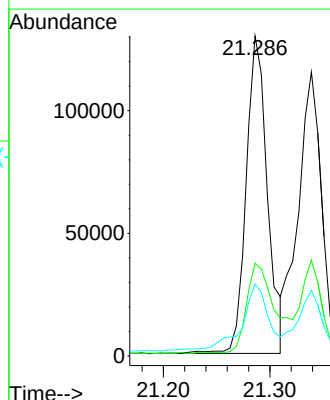
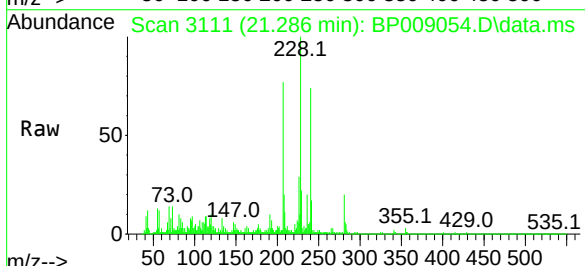
Tgt Ion:228 Resp: 179490

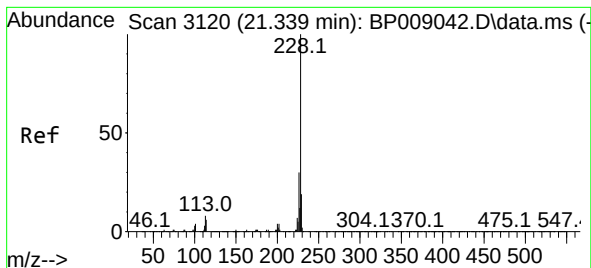
Ion Ratio Lower Upper

228 100

226 29.0 23.3 34.9

229 22.4 17.0 25.6





#83

Chrysene

Concen: 3.212 ng

RT: 21.339 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BP009054.D

Acq: 08 Feb 2022 12:44

Instrument :

BNA_P

ClientSampleId :

RO-342

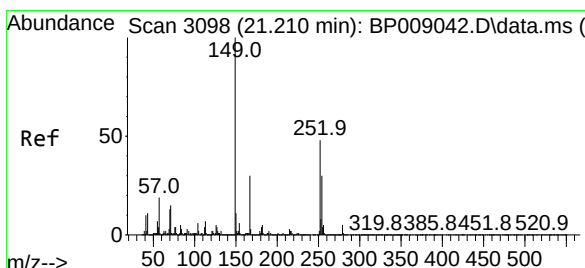
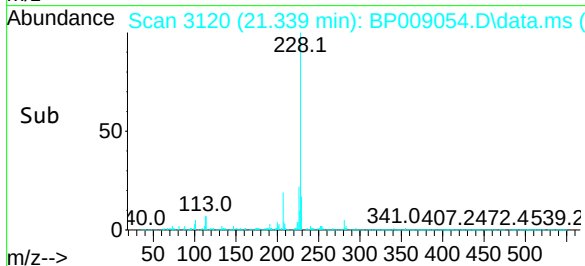
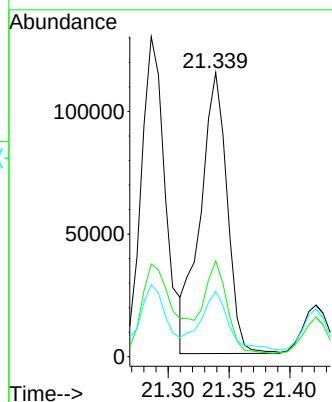
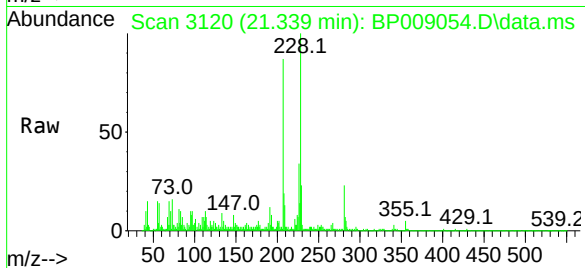
Tgt Ion:228 Resp: 175170

Ion Ratio Lower Upper

228 100

226 33.8 26.0 39.0

229 23.0 16.9 25.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.322 ng

RT: 21.215 min Scan# 3099

Delta R.T. 0.006 min

Lab File: BP009054.D

Acq: 08 Feb 2022 12:44

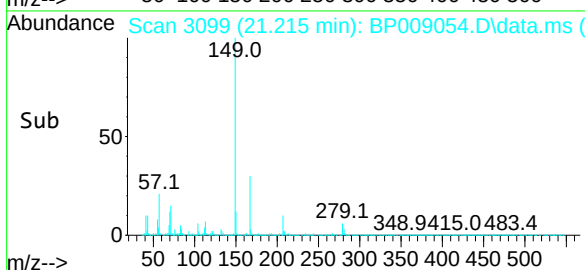
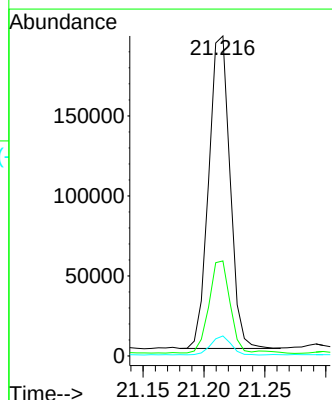
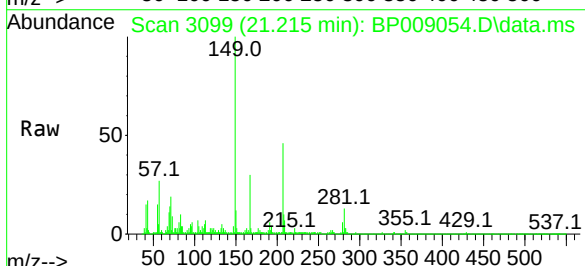
Tgt Ion:149 Resp: 236380

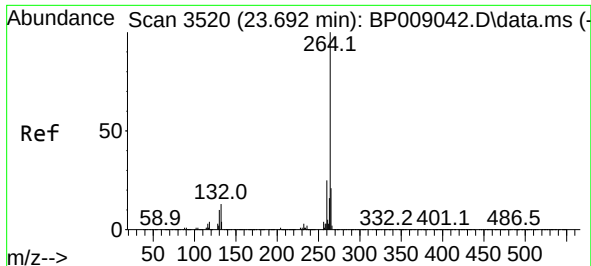
Ion Ratio Lower Upper

149 100

167 29.7 25.0 37.4

279 6.3 4.8 7.2

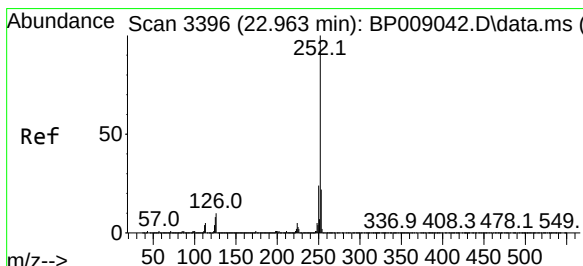
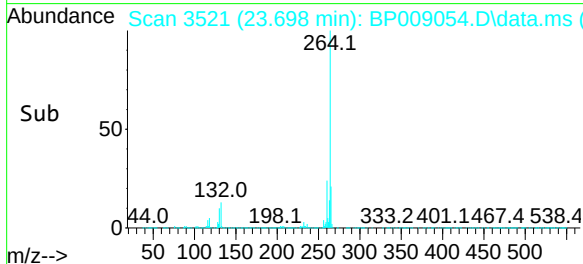
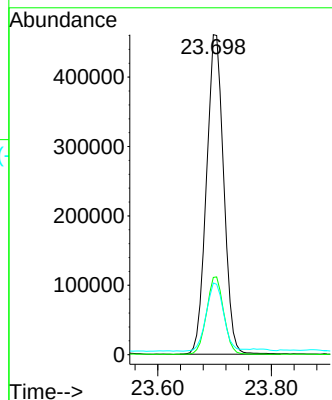
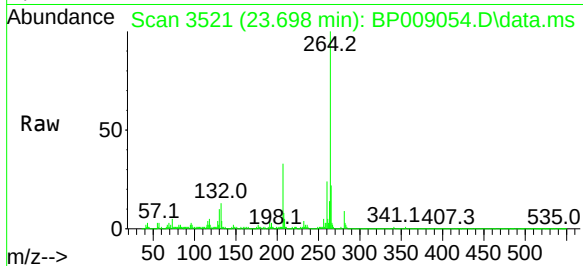




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.698 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BP009054.D
 Acq: 08 Feb 2022 12:44

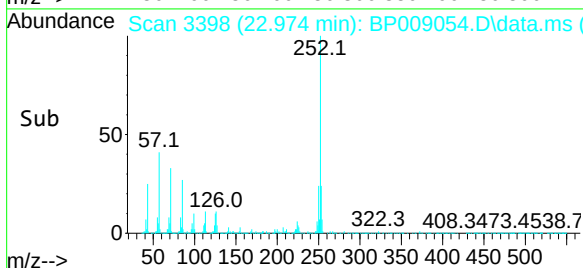
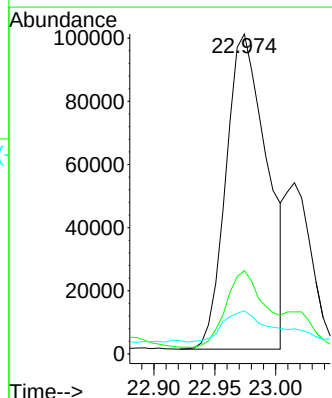
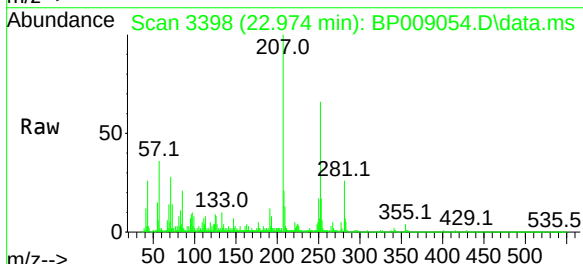
Instrument :
 BNA_P
 ClientSampleId :
 RO-342

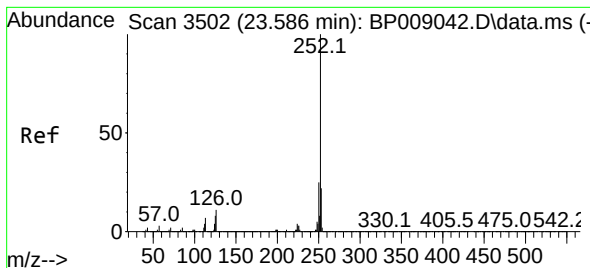
Tgt Ion:264 Resp: 966564
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 22.4 17.1 25.7



#88
 Benzo(b)fluoranthene
 Concen: 3.936 ng
 RT: 22.974 min Scan# 3398
 Delta R.T. 0.012 min
 Lab File: BP009054.D
 Acq: 08 Feb 2022 12:44

Tgt Ion:252 Resp: 234188
 Ion Ratio Lower Upper
 252 100
 253 26.1 18.0 27.0
 125 13.5 6.9 10.3#





#90

Benzo(a)pyrene

Concen: 3.631 ng

RT: 23.598 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP009054.D

Acq: 08 Feb 2022 12:44

Instrument :

BNA_P

ClientSampleId :

RO-342

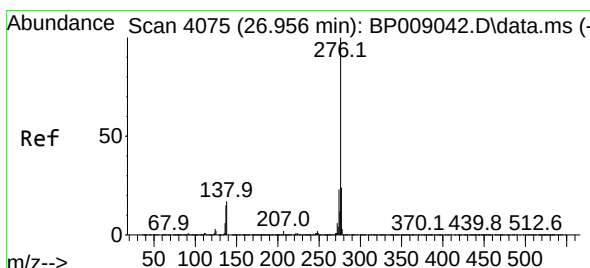
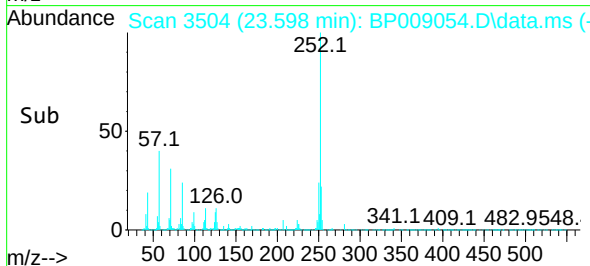
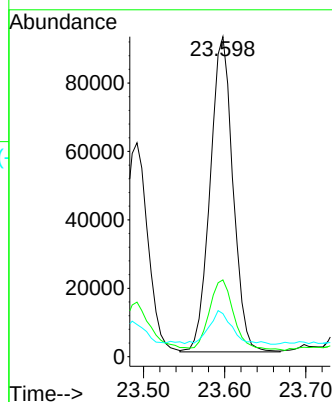
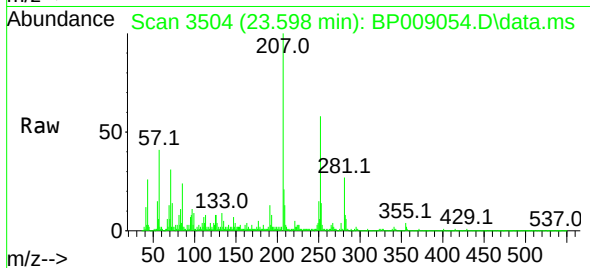
Tgt Ion:252 Resp: 180138

Ion Ratio Lower Upper

252 100

253 24.0 17.8 26.8

125 13.5 7.8 11.6#



#92

Benzo(g,h,i)perylene

Concen: 2.426 ng

RT: 26.974 min Scan# 4078

Delta R.T. 0.018 min

Lab File: BP009054.D

Acq: 08 Feb 2022 12:44

Tgt Ion:276 Resp: 142581

Ion Ratio Lower Upper

276 100

277 35.2 19.2 28.8#

138 16.4 15.0 22.4

