

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)

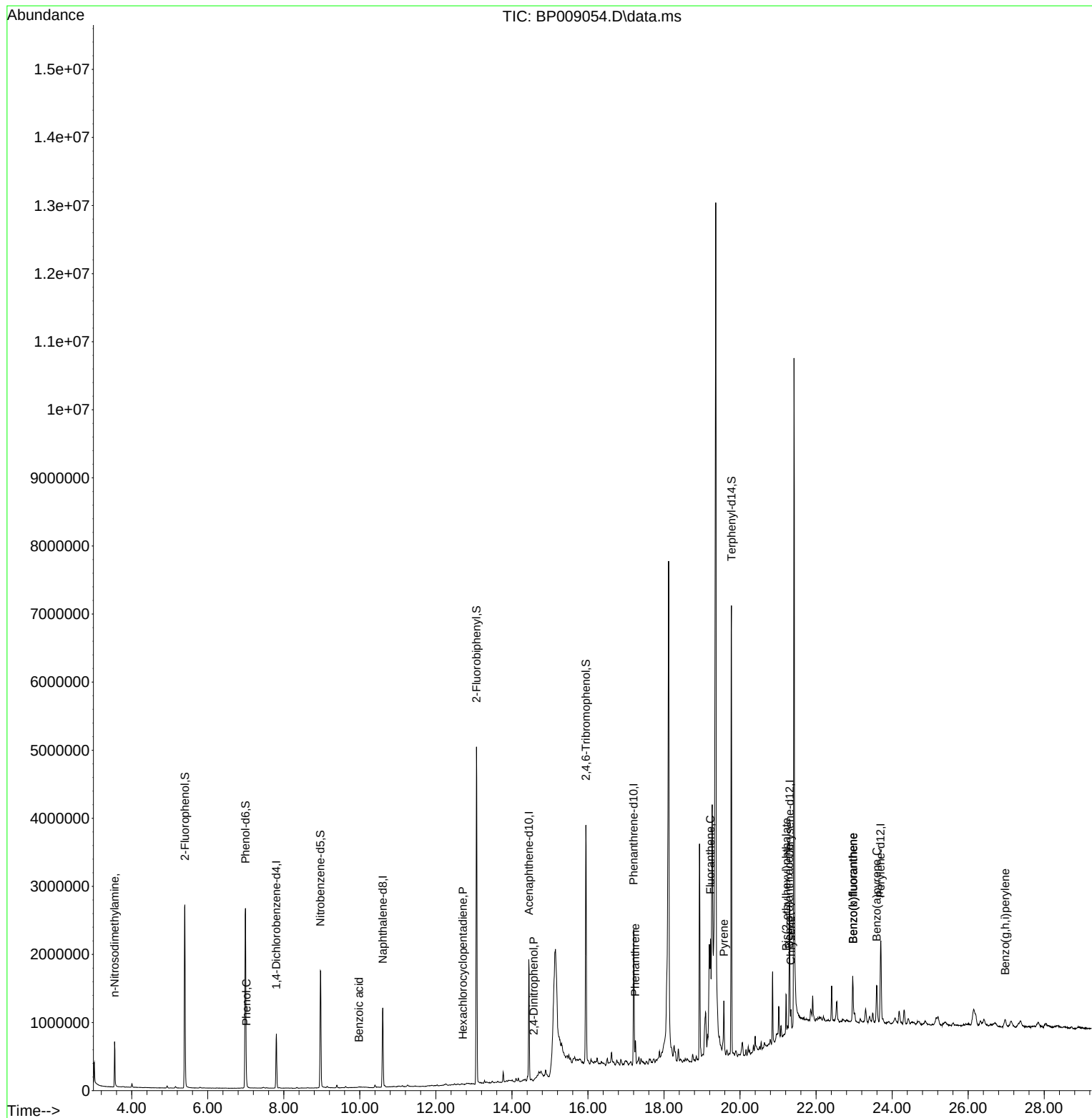
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	237479	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1031237	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	643537	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1238736	20.000	ng	0.00
76) Chrysene-d12	21.304	240	877856	20.000	ng	0.00
86) Perylene-d12	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
4) n-Nitrosodimethylamine	3.552	42	20959	4.272	ng	# 1
10) Phenol	7.016	94	37292	2.114	ng	78
32) Benzoic acid	9.981	122	2432	2.944	ng	# 68
41) Hexachlorocyclopentadiene	12.710	237	61	8.663	ng	81
54) 2,4-Dinitrophenol	14.575	184	119	2.196	ng	# 13
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
89) Benzo(k)fluoranthene	22.974	252	234188	3.945	ng	# 92
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

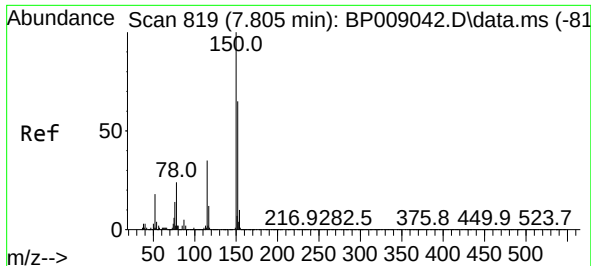
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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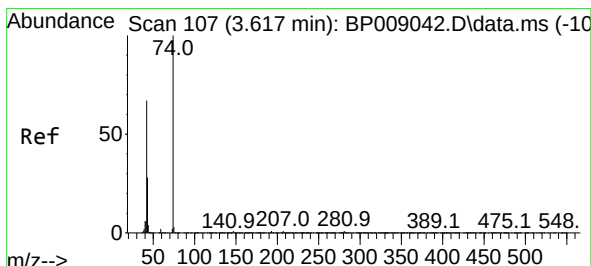
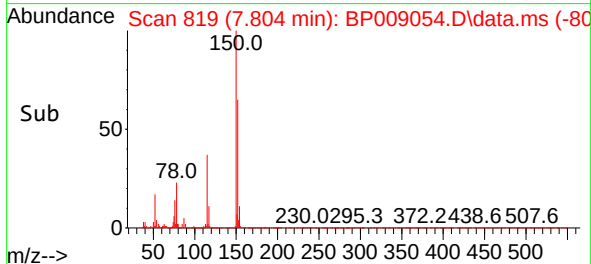
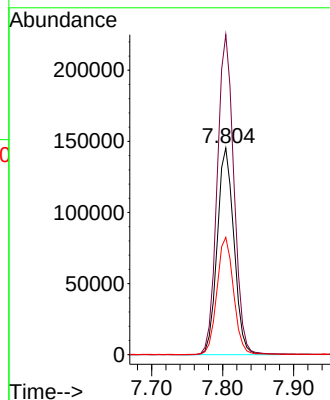
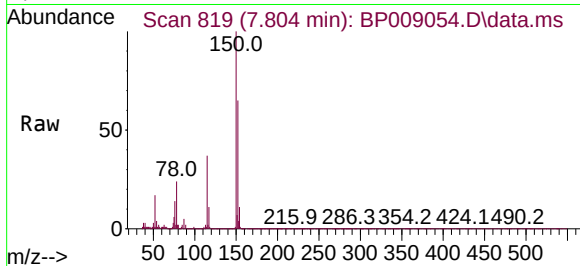




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.001 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

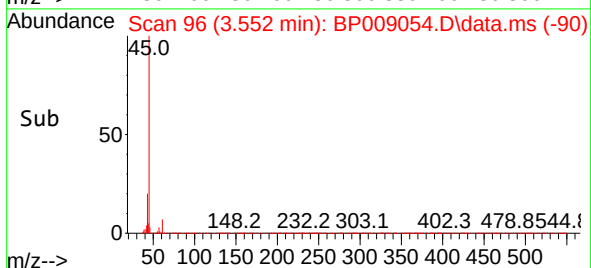
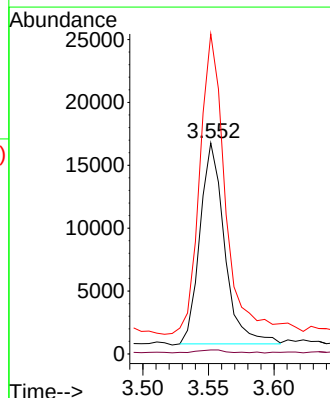
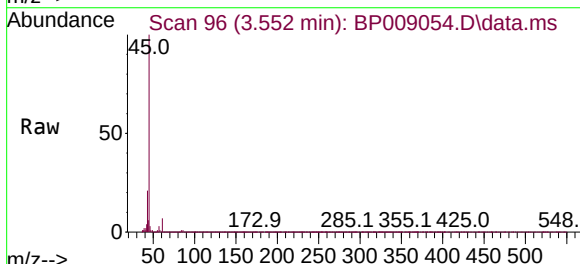
Instrument :
BNA_P
ClientSampleId :
RO-342

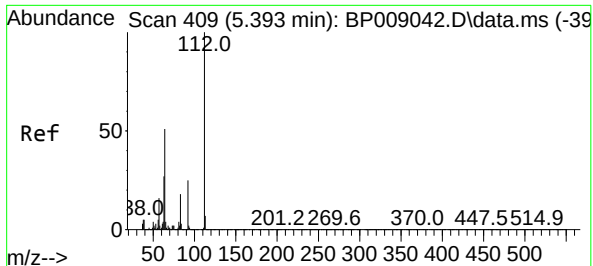
Tgt Ion:152 Resp: 237479
Ion Ratio Lower Upper
152 100
150 154.8 127.0 190.6
115 56.8 43.7 65.5



#4
n-Nitrosodimethylamine
Concen: 4.272 ng
RT: 3.552 min Scan# 96
Delta R.T. -0.065 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

Tgt Ion: 42 Resp: 20959
Ion Ratio Lower Upper
42 100
74 1.9 131.1 196.7#
44 151.6 6.2 9.2#

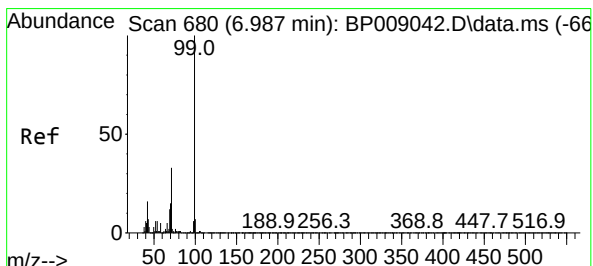
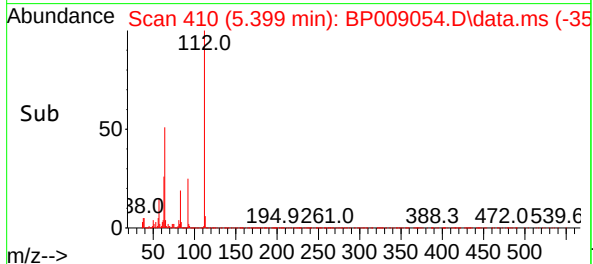
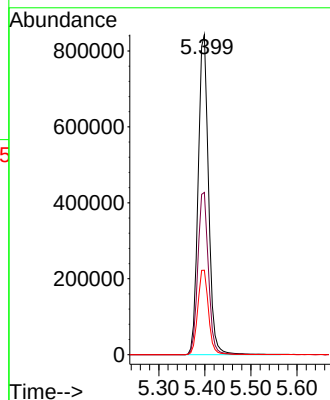
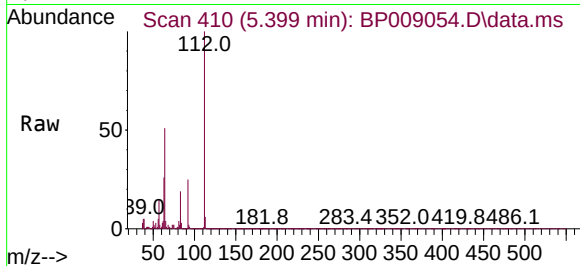




#5
2-Fluorophenol
Concen: 98.847 ng
RT: 5.399 min Scan# 411
Delta R.T. 0.006 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

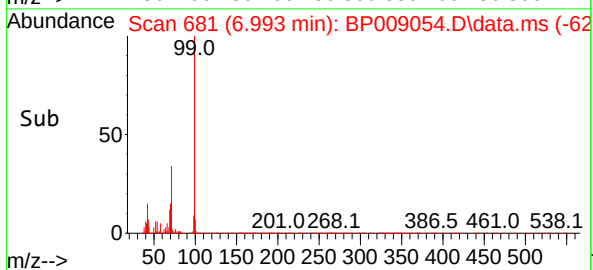
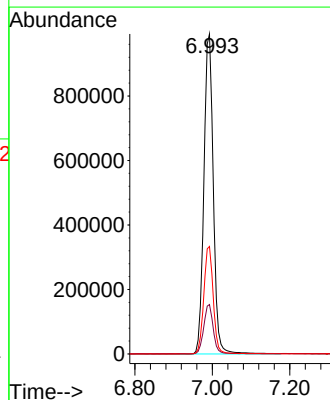
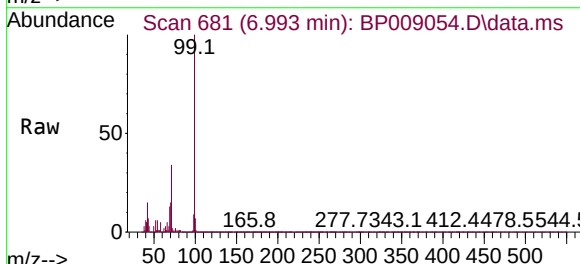
Instrument :
BNA_P
ClientSampleId :
RO-342

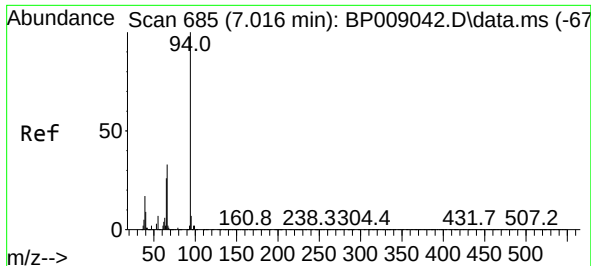
Tgt Ion:112 Resp: 1315958
Ion Ratio Lower Upper
112 100
64 50.7 39.7 59.5
63 26.4 20.0 30.0



#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

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

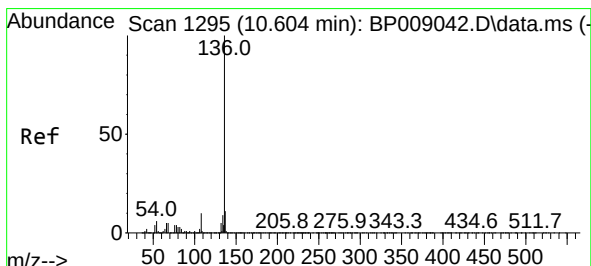
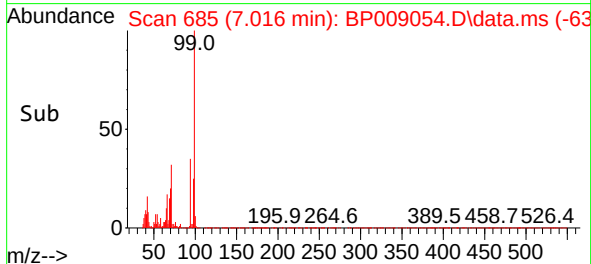
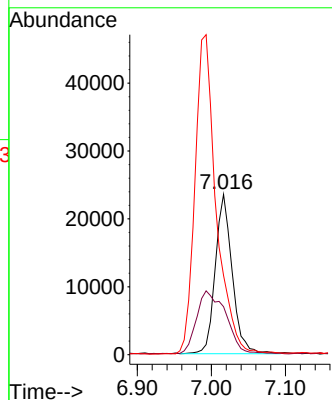
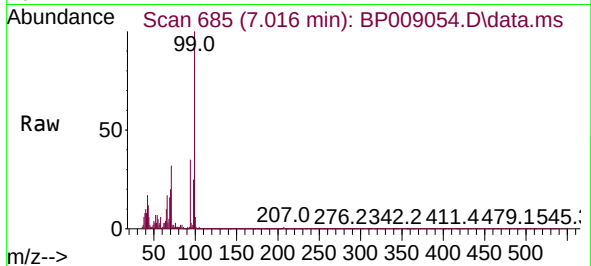




#10
Phenol
Concen: 2.114 ng
RT: 7.016 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

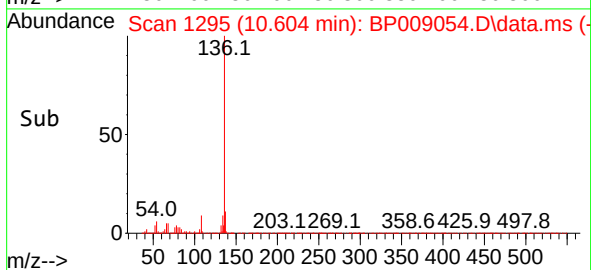
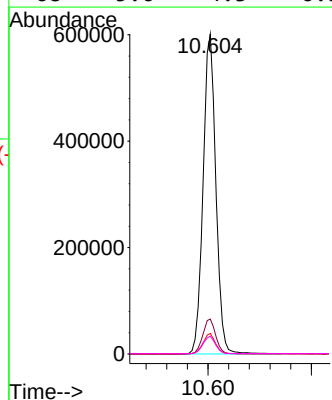
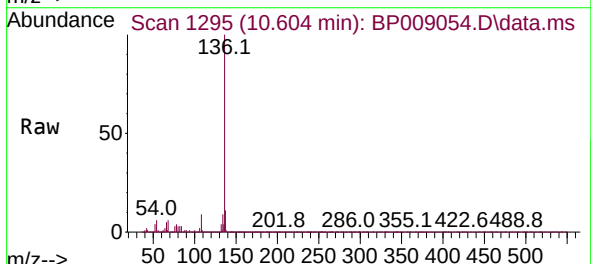
Instrument :
BNA_P
ClientSampleId :
RO-342

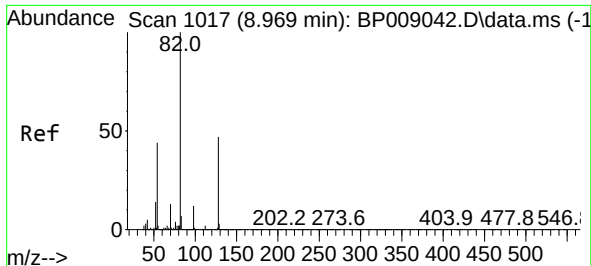
Tgt Ion: 94 Resp: 37292
Ion Ratio Lower Upper
94 100
65 29.9 4.1 44.1
66 49.4 12.4 52.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

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# 110

Delta R.T. -0.006 min

Lab File: BP009054.D

Acq: 08 Feb 2022 12:44

Instrument :

BNA_P

ClientSampleId :

RO-342

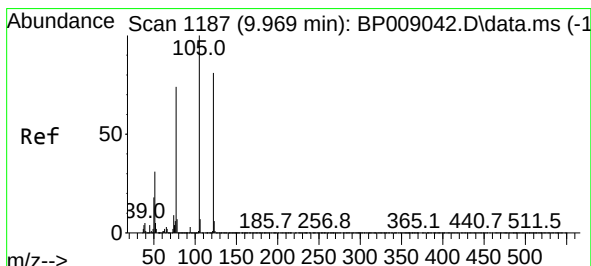
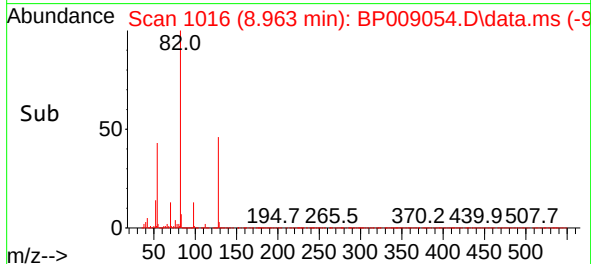
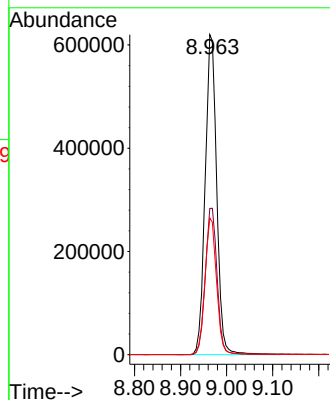
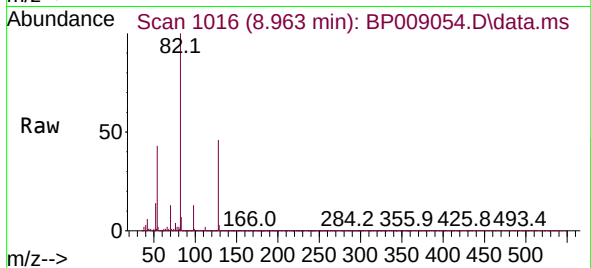
Tgt Ion: 82 Resp: 1085280

Ion Ratio Lower Upper

82 100

128 45.7 39.4 59.2

54 42.7 32.6 48.8



#32

Benzoic acid

Concen: 2.944 ng

RT: 9.981 min Scan# 1189

Delta R.T. 0.012 min

Lab File: BP009054.D

Acq: 08 Feb 2022 12:44

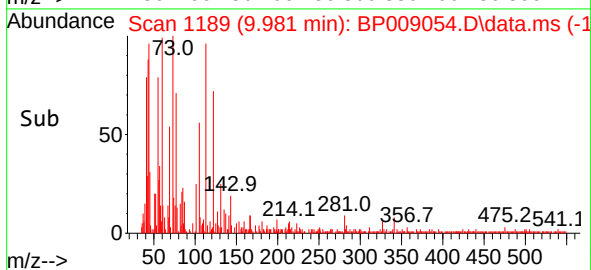
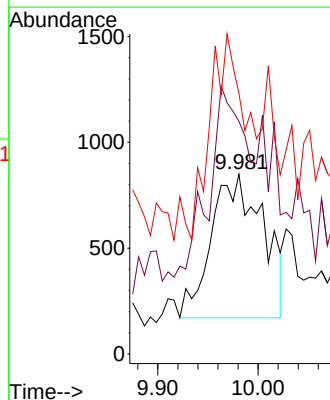
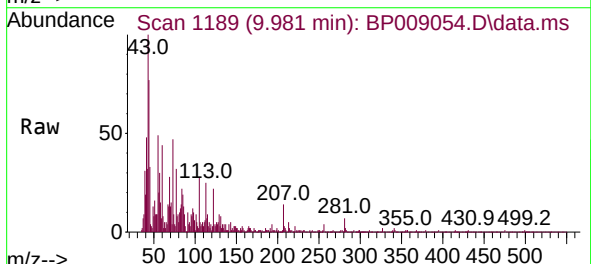
Tgt Ion:122 Resp: 2432

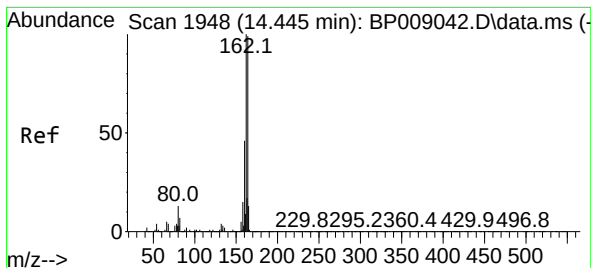
Ion Ratio Lower Upper

122 100

105 129.4 100.1 140.1

77 145.1 65.5 105.5#





#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

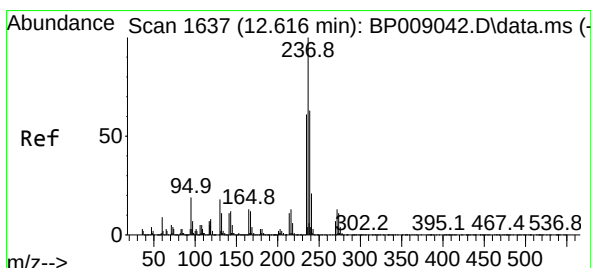
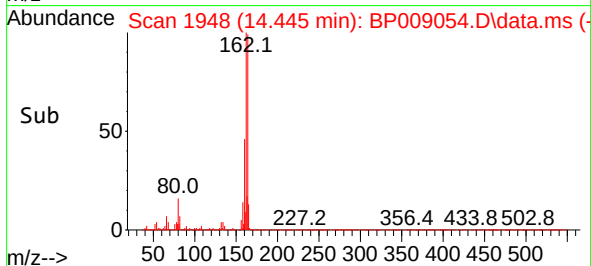
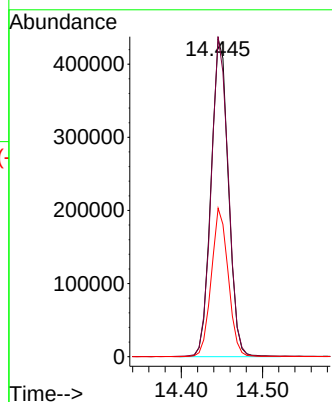
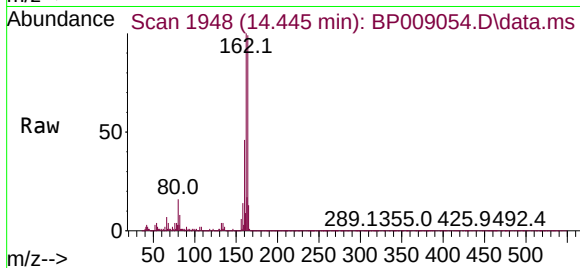
Tgt Ion:164 Resp: 643537

Ion Ratio Lower Upper

164 100

162 100.7 79.9 119.9

160 46.7 35.5 53.3



#41

Hexachlorocyclopentadiene

Concen: 8.663 ng

RT: 12.710 min Scan# 1653

Delta R.T. 0.094 min

Lab File: BP009054.D

Acq: 08 Feb 2022 12:44

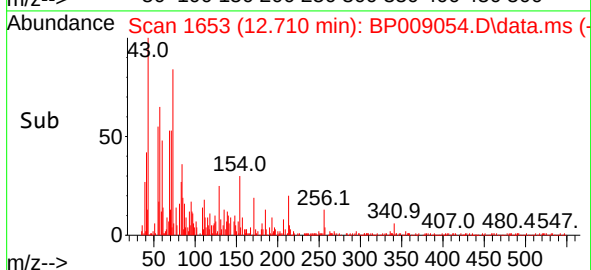
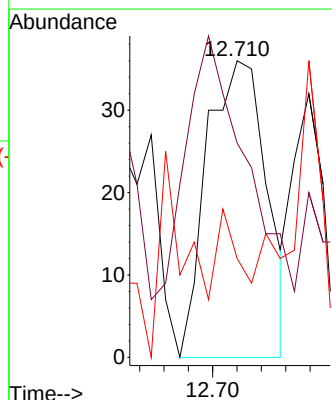
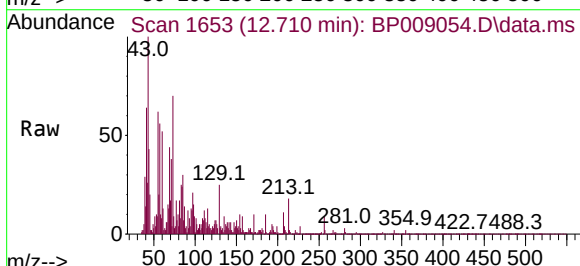
Tgt Ion:237 Resp: 61

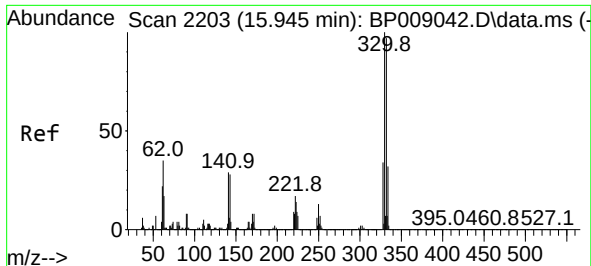
Ion Ratio Lower Upper

237 100

235 72.2 42.9 82.9

272 33.3 0.0 33.8

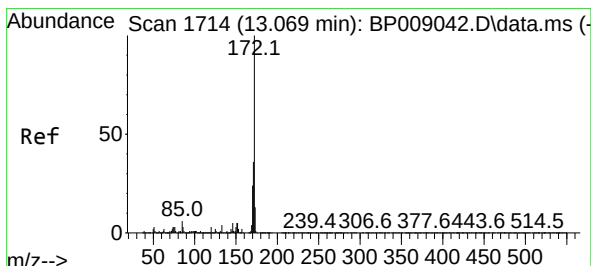
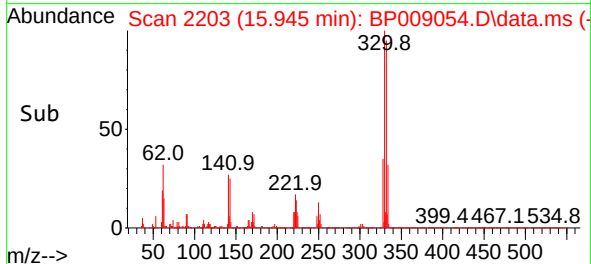
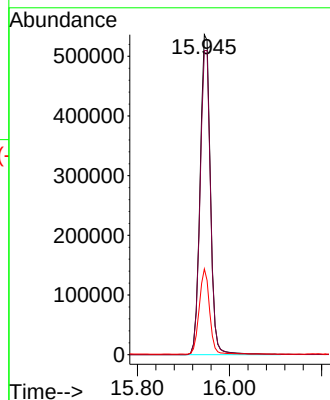
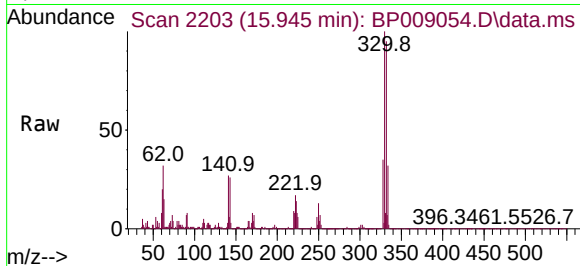




#42
2,4,6-Tribromophenol
Concen: 96.942 ng
RT: 15.945 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

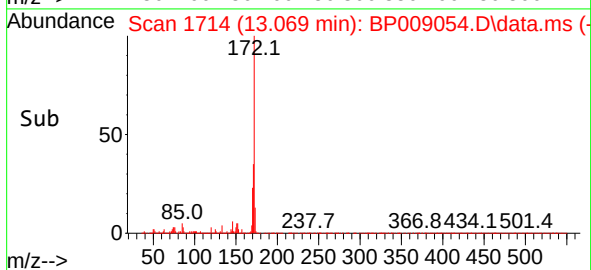
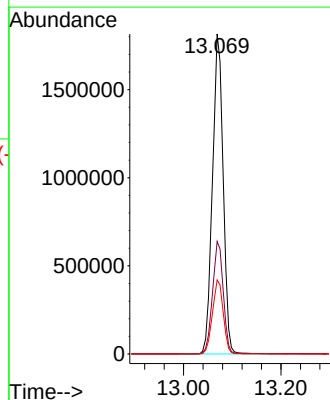
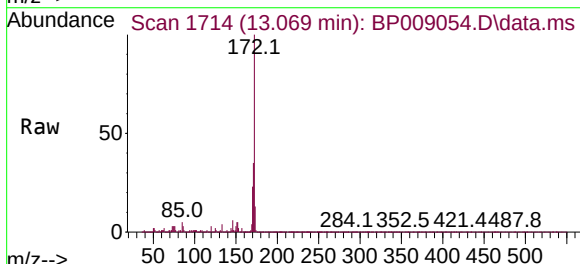
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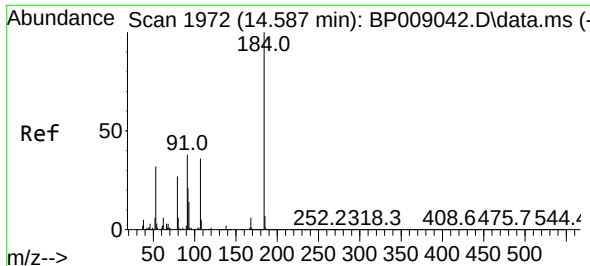
Tgt Ion:330 Resp: 832965
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 26.7 21.3 31.9



#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

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

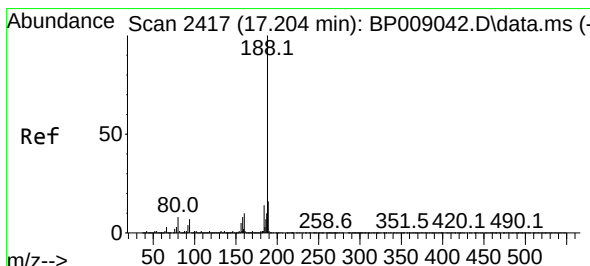
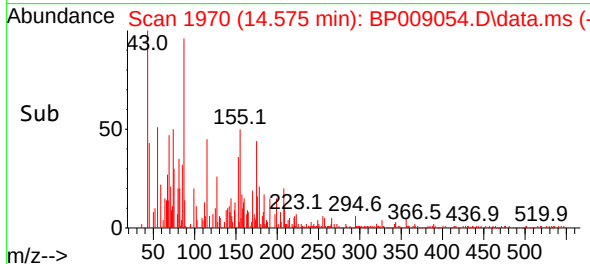
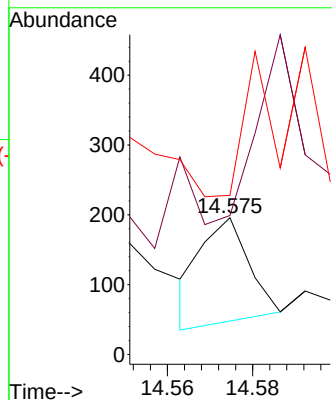
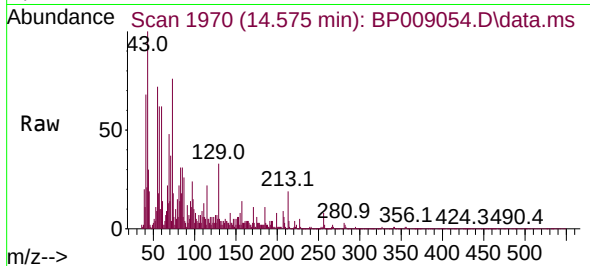




#54
2,4-Dinitrophenol
Concen: 2.196 ng
RT: 14.575 min Scan# 1970
Delta R.T. -0.012 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

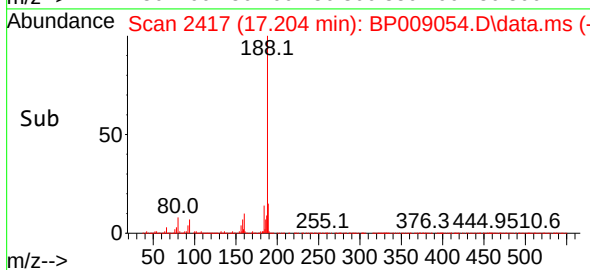
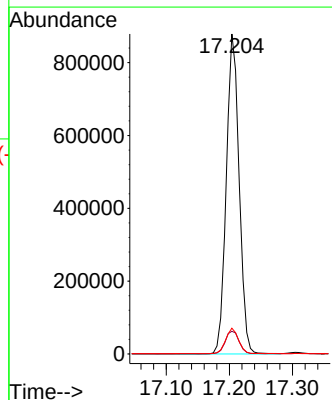
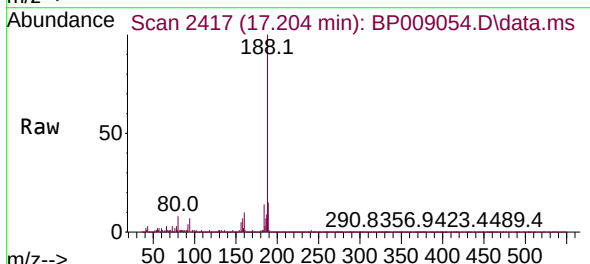
Instrument :
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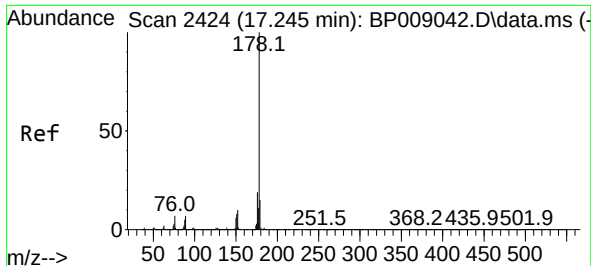
Tgt Ion:184 Resp: 119
Ion Ratio Lower Upper
184 100
63 101.5 35.6 53.4#
154 116.3 43.4 65.0#



#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

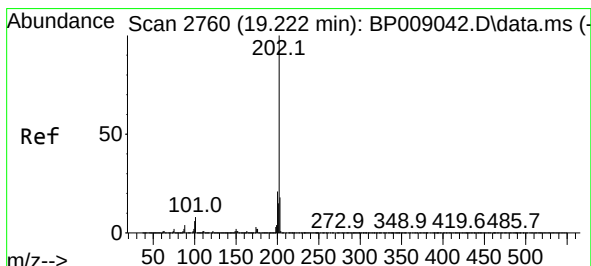
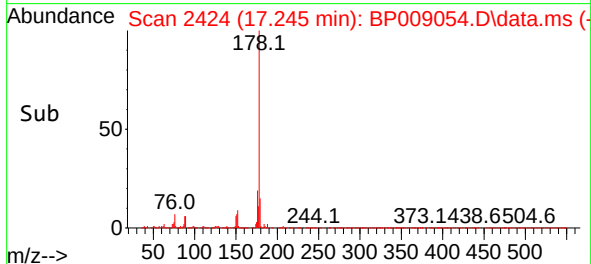
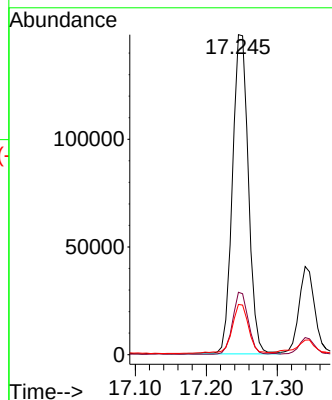
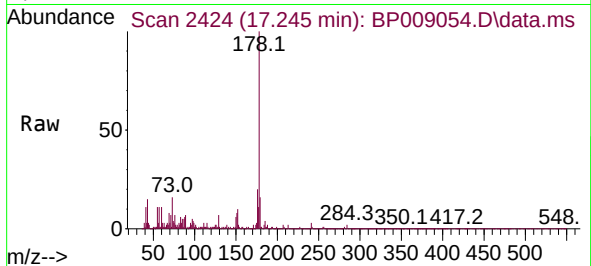




#71
Phenanthrene
Concen: 3.463 ng
RT: 17.245 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

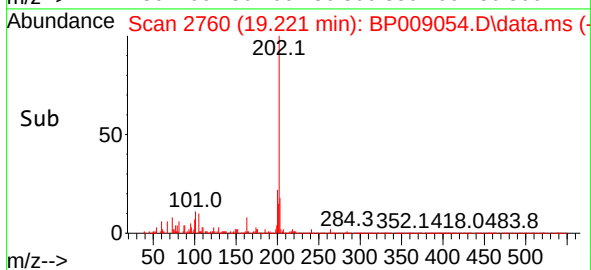
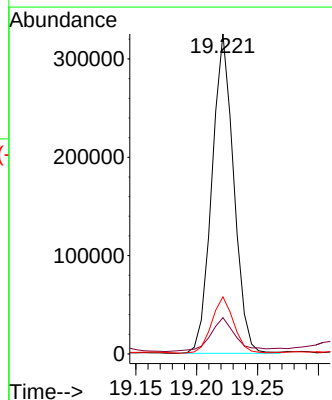
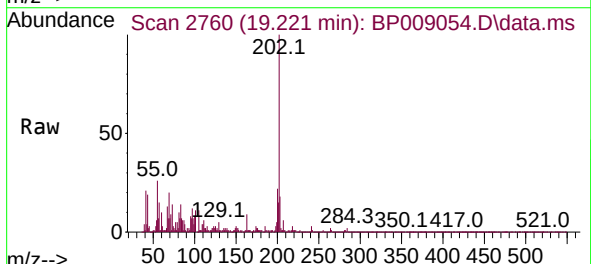
Instrument :
BNA_P
ClientSampleId :
RO-342

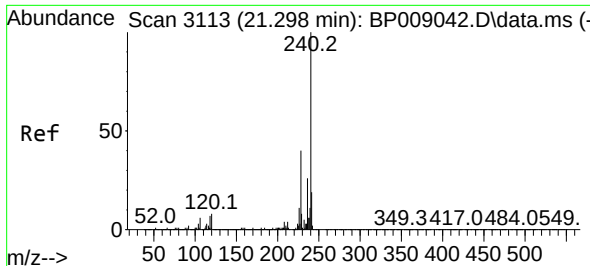
Tgt Ion:178 Resp: 232251
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.7 13.0 19.4



#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

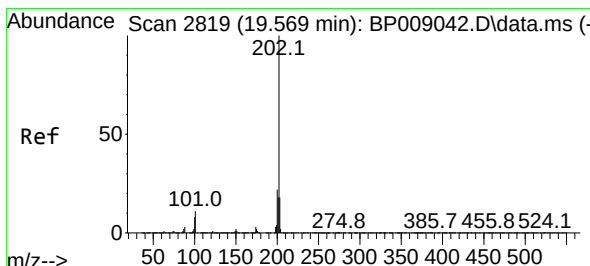
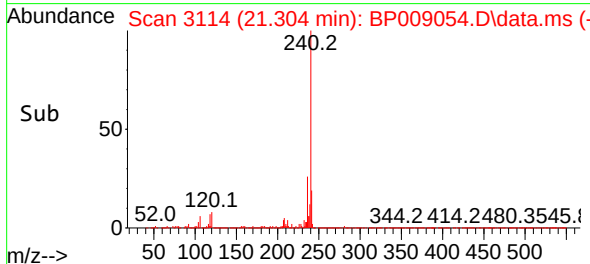
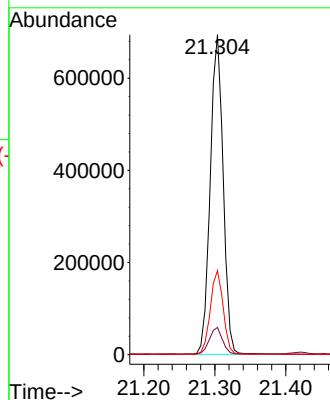
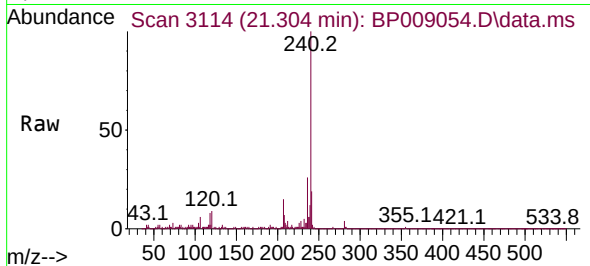




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3113
Delta R.T. 0.006 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

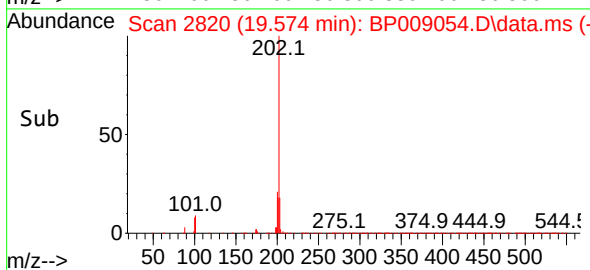
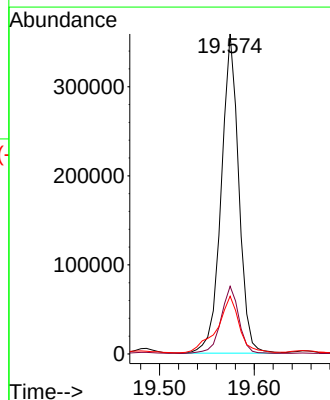
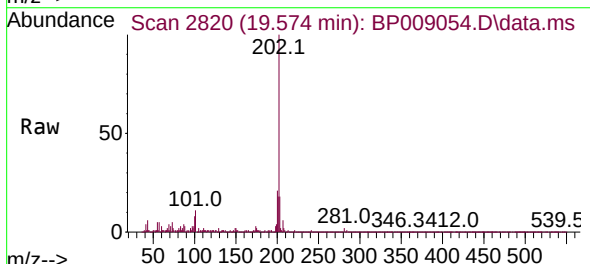
Instrument :
BNA_P
ClientSampleId :
RO-342

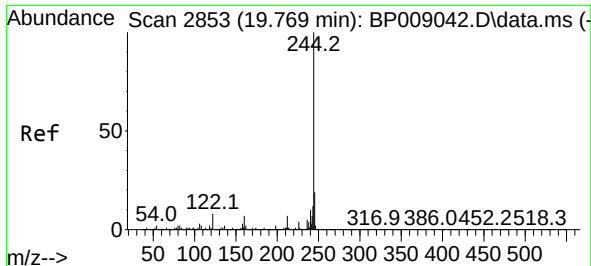
Tgt Ion:240 Resp: 877856
Ion Ratio Lower Upper
240 100
120 8.5 7.7 11.5
236 26.3 21.2 31.8



#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

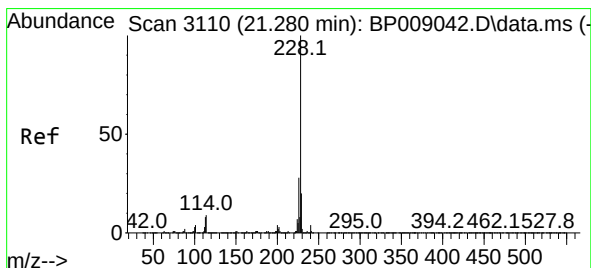
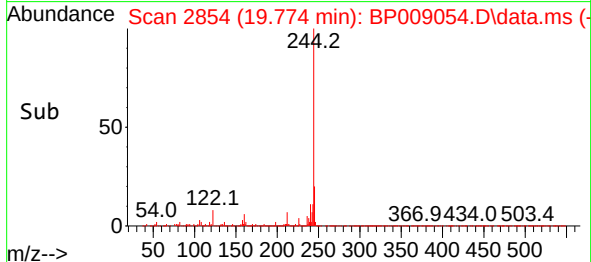
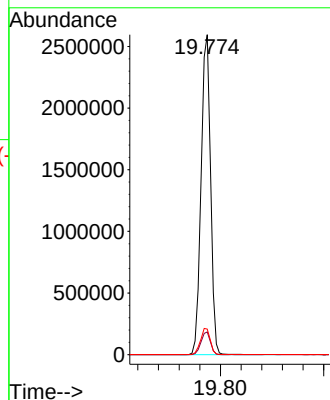
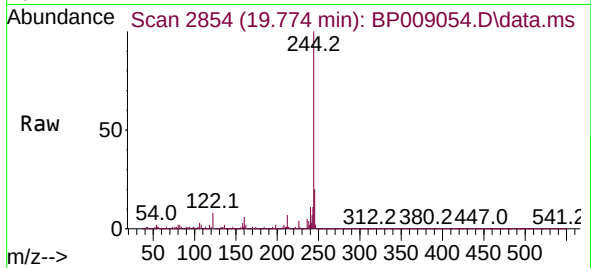




#79
 Terphenyl-d14
 Concen: 67.483 ng
 RT: 19.774 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP009054.D
 Acq: 08 Feb 2022 12:44

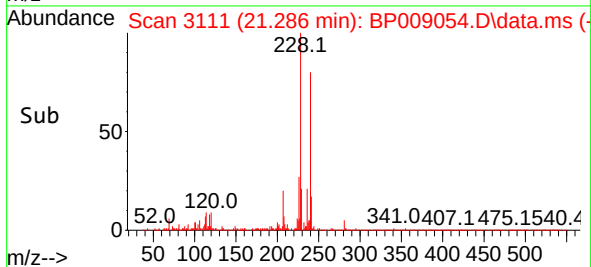
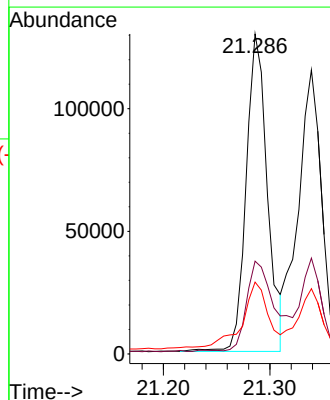
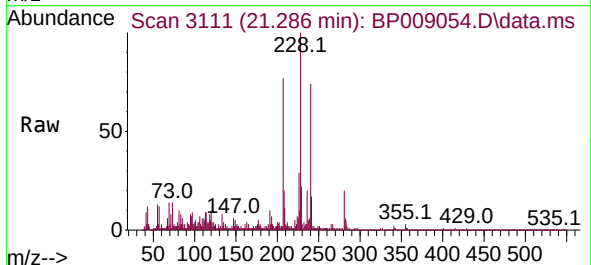
Instrument :
 BNA_P
 ClientSampleId :
 RO-342

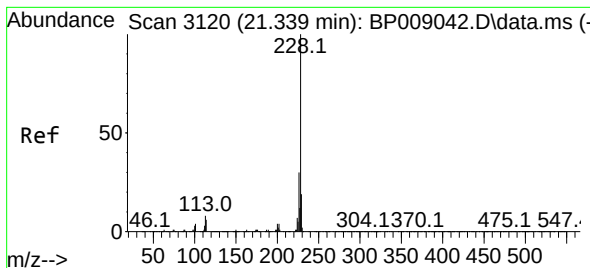
Tgt Ion:244 Resp: 3294205
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 8.0 9.2 13.8#



#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

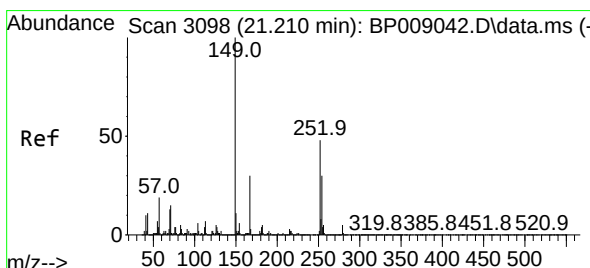
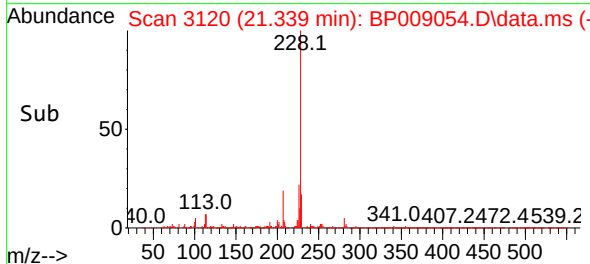
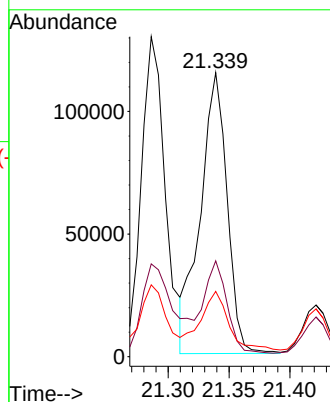
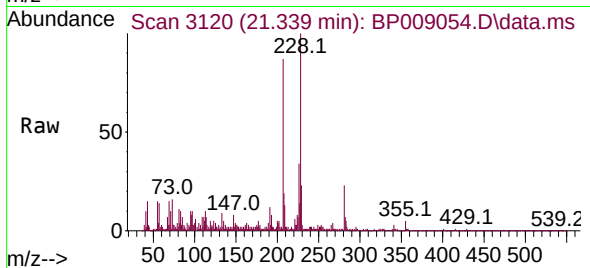
Tgt Ion:228 Resp: 175170

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

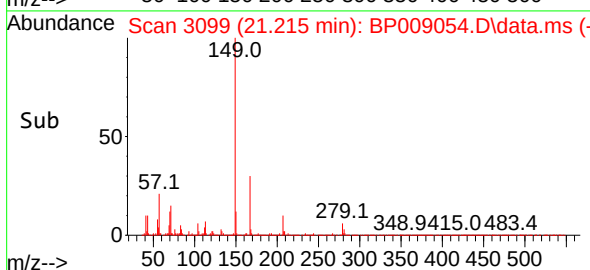
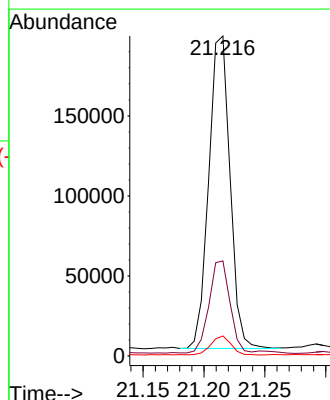
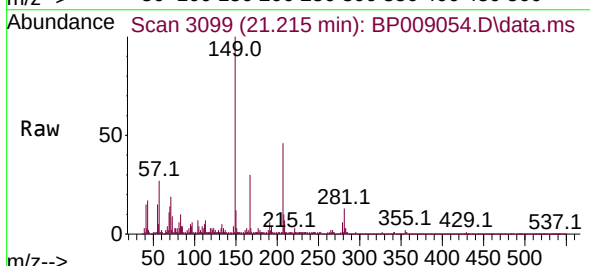
Tgt Ion:149 Resp: 236380

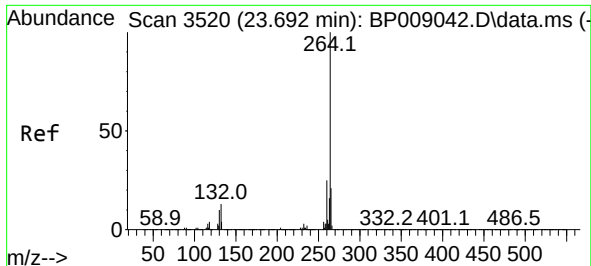
Ion Ratio Lower Upper

149 100

167 29.7 25.0 37.4

279 6.3 4.8 7.2

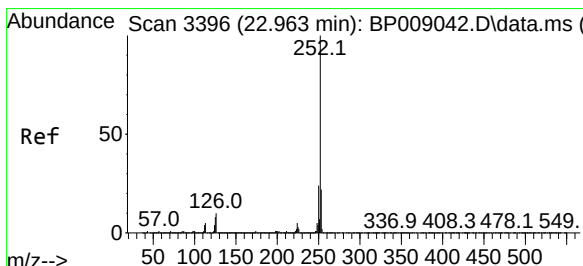
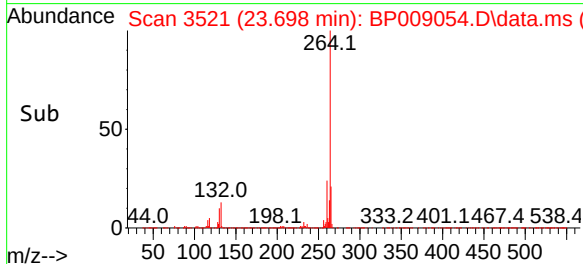
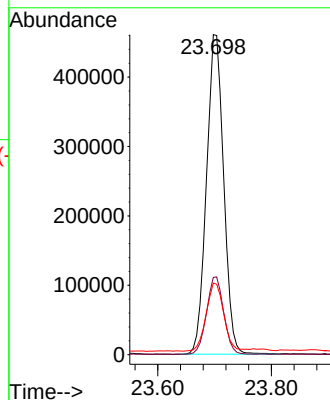
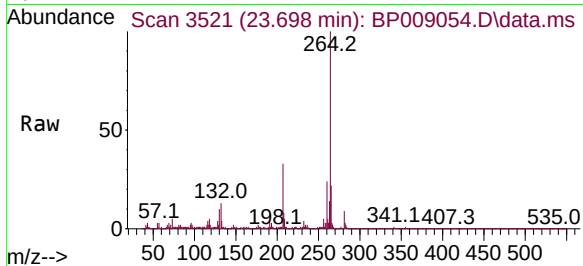




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.698 min Scan# 3520
Delta R.T. 0.006 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

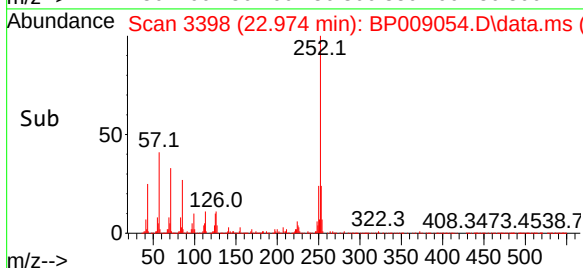
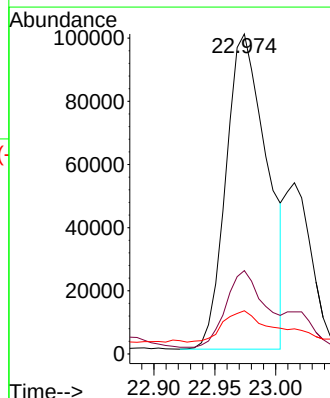
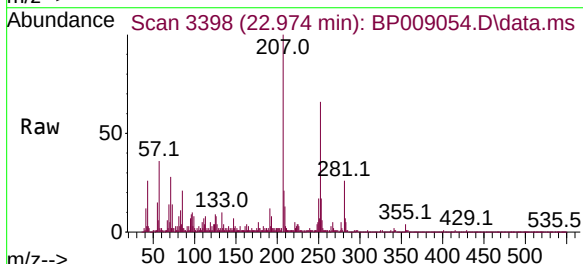
Instrument :
BNA_P
ClientSampleId :
RO-342

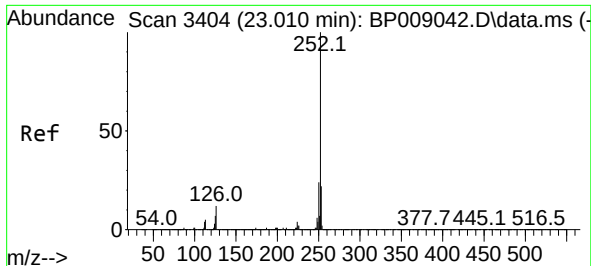
Tgt Ion:264 Resp: 966564
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 22.4 17.1 25.7



#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#

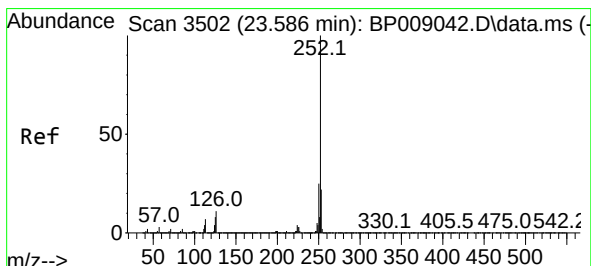
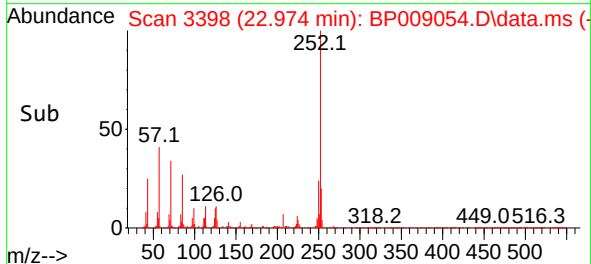
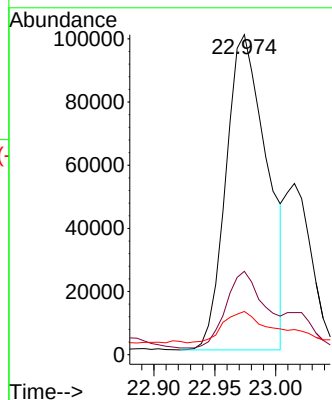
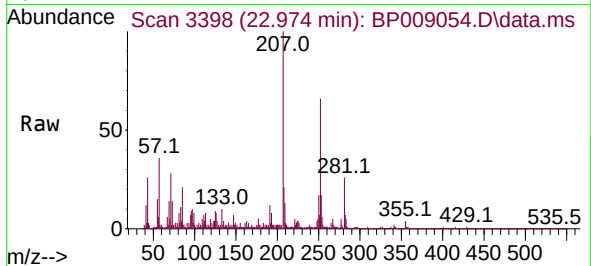




#89
Benzo(k)fluoranthene
Concen: 3.945 ng
RT: 22.974 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

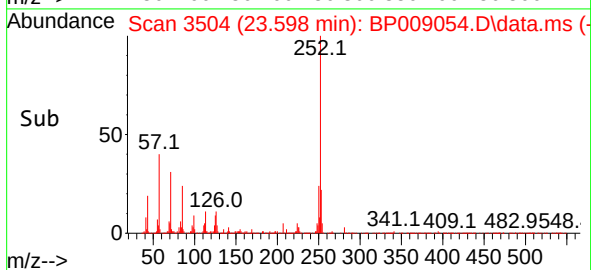
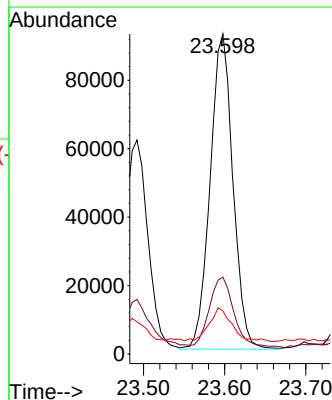
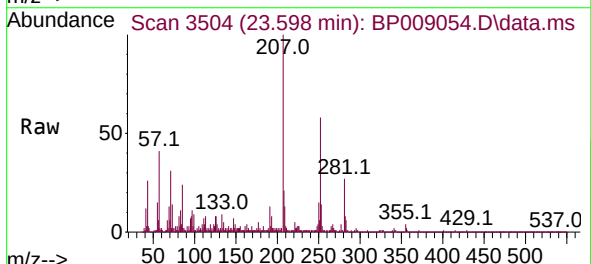
Instrument :
BNA_P
ClientSampleId :
RO-342

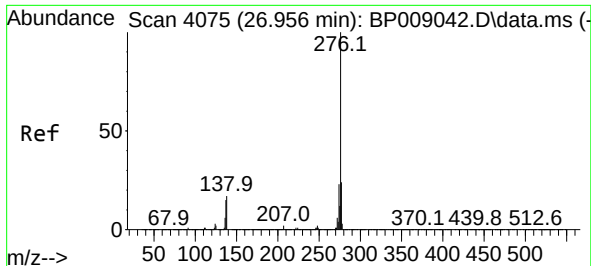
Tgt Ion:252 Resp: 234188
Ion Ratio Lower Upper
252 100
253 26.1 18.2 27.2
125 13.5 7.3 10.9#



#90
Benzo(a)pyrene
Concen: 3.631 ng
RT: 23.598 min Scan# 3504
Delta R.T. 0.012 min
Lab File: BP009054.D
Acq: 08 Feb 2022 12:44

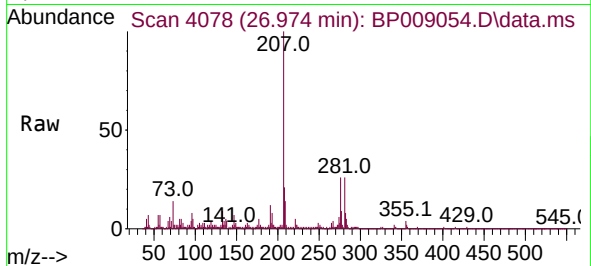
Tgt Ion:252 Resp: 180138
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 13.5 7.8 11.6#





#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

Instrument :
 BNA_P
 ClientSampleId :
 RO-342



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

