

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
 Data File : BP009665.D
 Acq On : 01 Apr 2022 19:11
 Operator : CG/JU
 Sample : N2220-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A11015

Quant Time: Apr 01 22:45:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

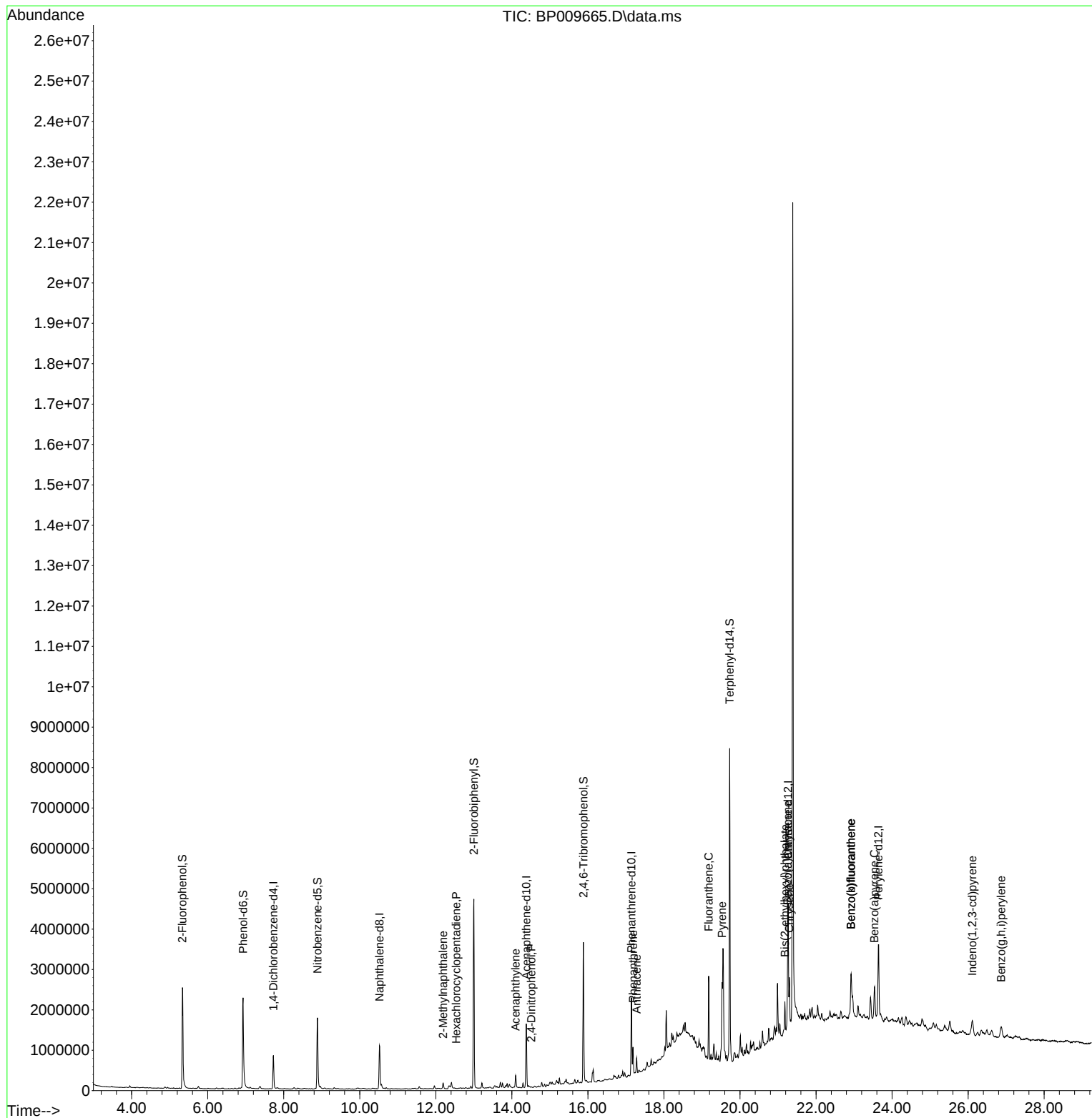
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	259235	20.000	ng	-0.01
21) Naphthalene-d8	10.516	136	1003610	20.000	ng	-0.02
39) Acenaphthene-d10	14.381	164	610147	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1265699	20.000	ng	-0.01
76) Chrysene-d12	21.263	240	1321987	20.000	ng	-0.01
86) Perylene-d12	23.639	264	1467006	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1380598	92.982	ng	-0.01
7) Phenol-d6	6.928	99	1777427	88.519	ng	0.00
23) Nitrobenzene-d5	8.887	82	1249171	66.143	ng	-0.01
42) 2,4,6-Tribromophenol	15.881	330	735141	73.014	ng	-0.01
45) 2-Fluorobiphenyl	12.998	172	2697453	61.288	ng	-0.01
79) Terphenyl-d14	19.728	244	3904356	53.010	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.893	77	4199	Below Cal	Qvalue #	45
37) 2-Methylnaphthalene	12.193	142	81467	2.246 ng		99
41) Hexachlorocyclopentadiene	12.534	237	50	7.294 ng		84
49) Acenaphthylene	14.098	152	235627	4.259 ng		98
54) 2,4-Dinitrophenol	14.510	184	49	4.540 ng	#	1
71) Phenanthrene	17.186	178	452091	6.673 ng		99
72) Anthracene	17.281	178	271933	4.065 ng		100
75) Fluoranthene	19.175	202	1158055	14.118 ng		98
78) Pyrene	19.528	202	1130456	12.977 ng		100
81) Benzo(a)anthracene	21.251	228	579933	6.677 ng		95
83) Chrysene	21.298	228	729934	8.875 ng		97
84) Bis(2-ethylhexyl)phtha...	21.180	149	272536	5.281 ng		100
87) Indeno(1,2,3-cd)pyrene	26.110	276	367418	3.301 ng	#	94
88) Benzo(b)fluoranthene	22.921	252	1126051	12.858 ng		97
89) Benzo(k)fluoranthene	22.921	252	1126051	13.132 ng		97
90) Benzo(a)pyrene	23.533	252	493265	6.583 ng		96
92) Benzo(g,h,i)perylene	26.868	276	382053	4.187 ng	#	91

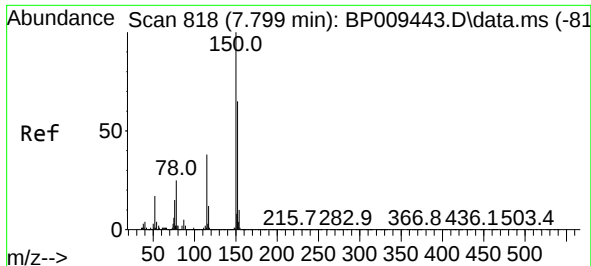
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
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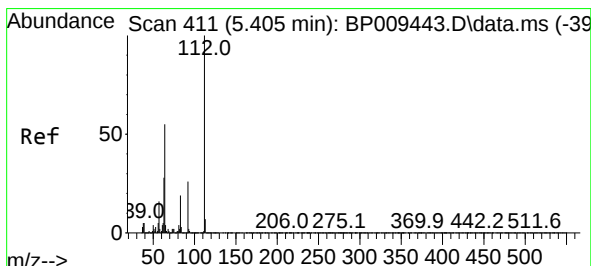
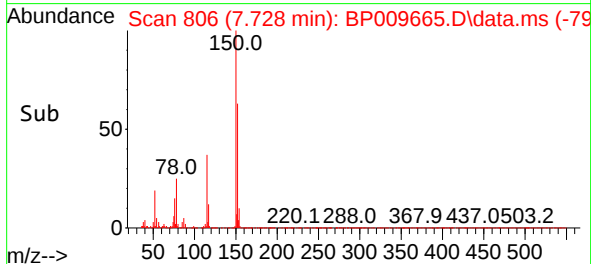
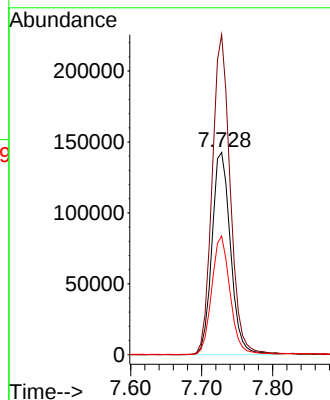
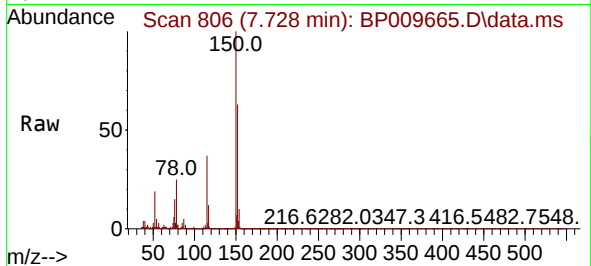




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

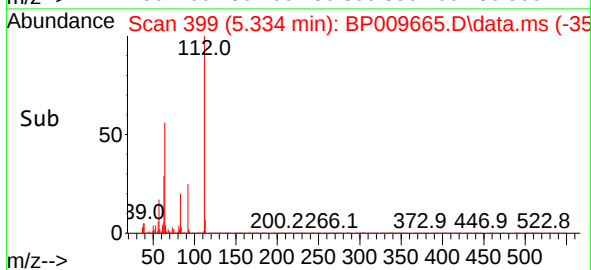
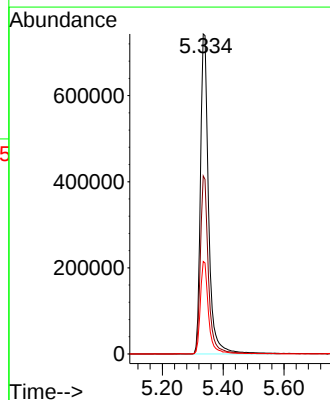
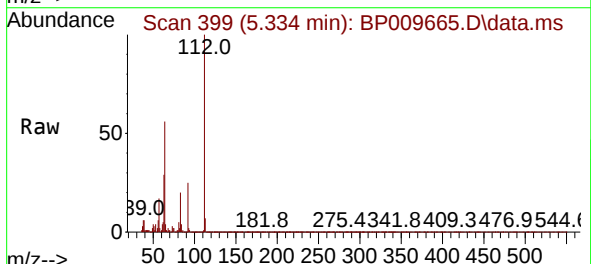
Instrument :
BNA_P
ClientSampleId :
A11015

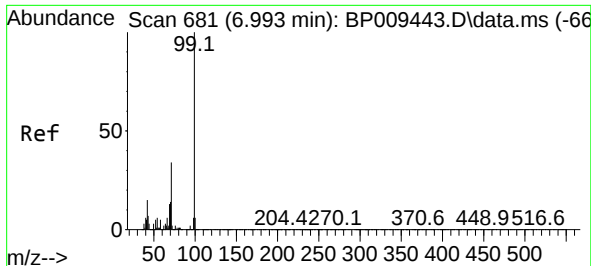
Tgt Ion:152 Resp: 259235
Ion Ratio Lower Upper
152 100
150 158.2 124.5 186.7
115 58.7 48.2 72.4



#5
2-Fluorophenol
Concen: 92.982 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

Tgt Ion:112 Resp: 1380598
Ion Ratio Lower Upper
112 100
64 55.7 45.0 67.4
63 28.9 23.0 34.6

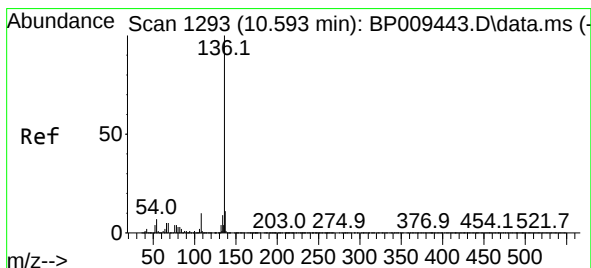
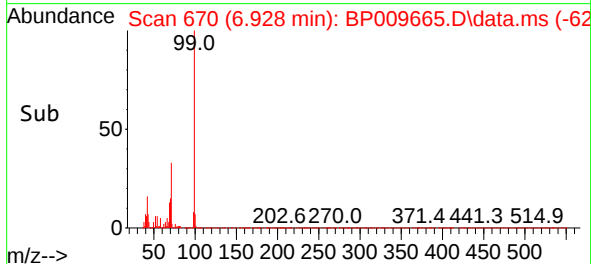
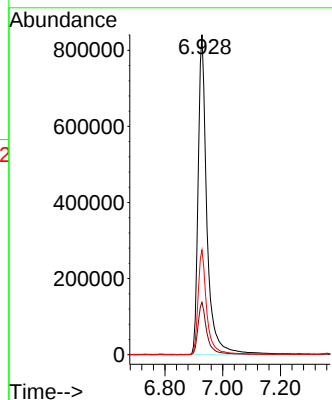
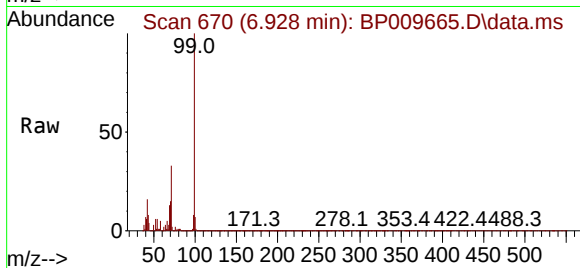




#7
Phenol-d6
Concen: 88.519 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

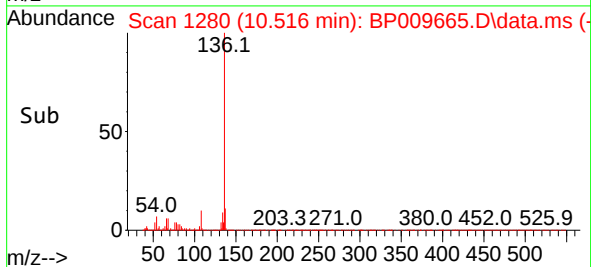
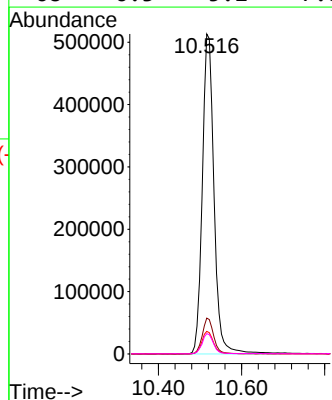
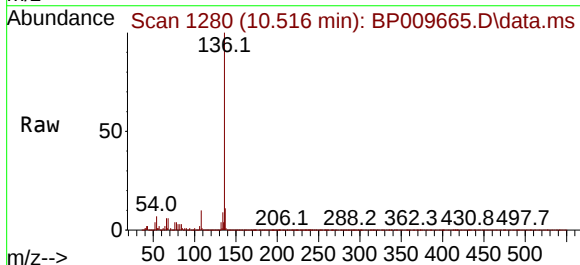
Instrument :
BNA_P
ClientSampleId :
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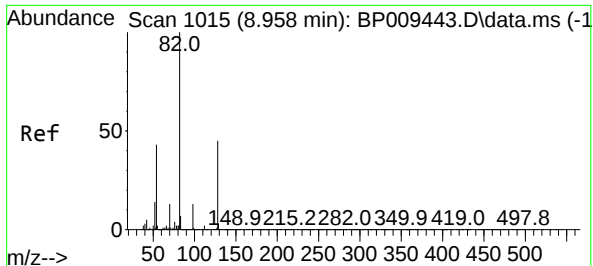
Tgt Ion: 99 Resp: 1777427
Ion Ratio Lower Upper
99 100
42 16.3 12.8 19.2
71 32.8 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

Tgt Ion: 136 Resp: 1003610
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 7.1 5.8 8.8
68 6.3 5.2 7.8

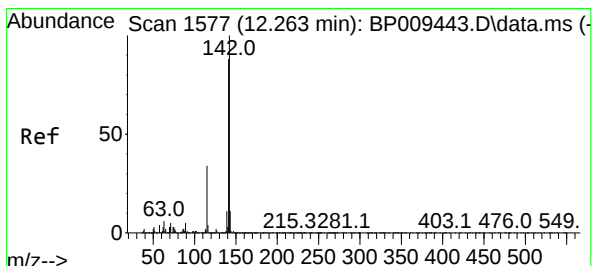
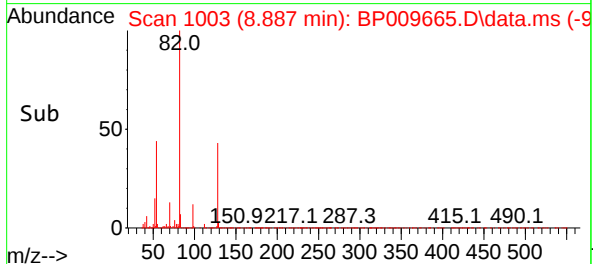
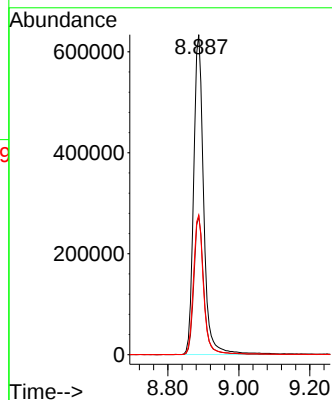
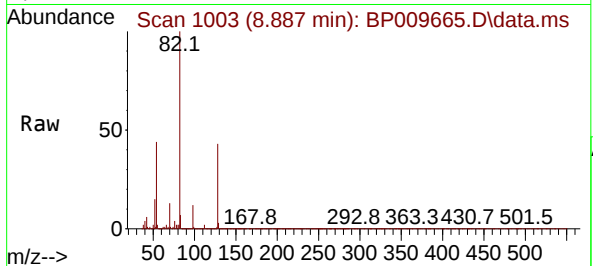




#23
Nitrobenzene-d5
Concen: 66.143 ng
RT: 8.887 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

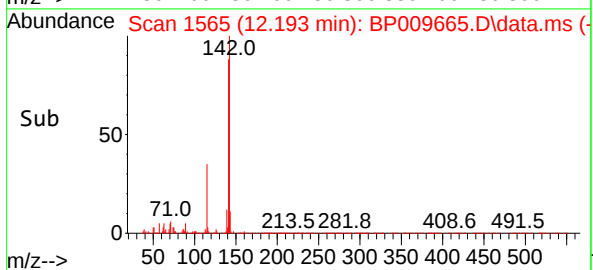
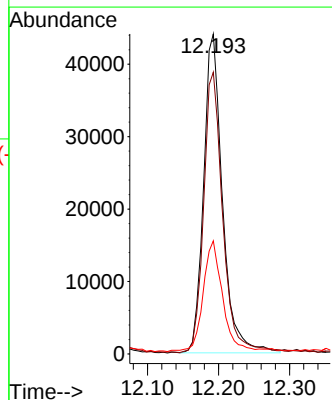
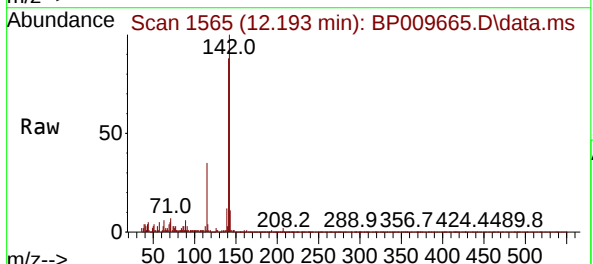
Instrument :
BNA_P
ClientSampleId :
A11015

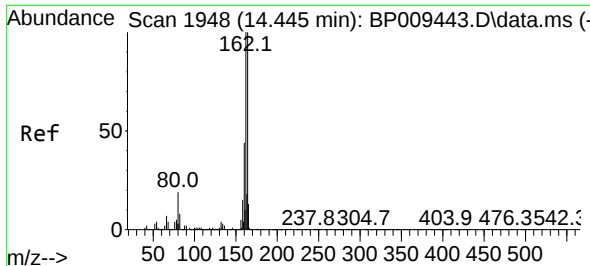
Tgt Ion: 82 Resp: 1249171
Ion Ratio Lower Upper
82 100
128 43.3 34.2 51.4
54 43.6 34.7 52.1



#37
2-Methylnaphthalene
Concen: 2.246 ng
RT: 12.193 min Scan# 1565
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

Tgt Ion: 142 Resp: 81467
Ion Ratio Lower Upper
142 100
141 88.0 70.2 105.4
115 35.4 27.4 41.2

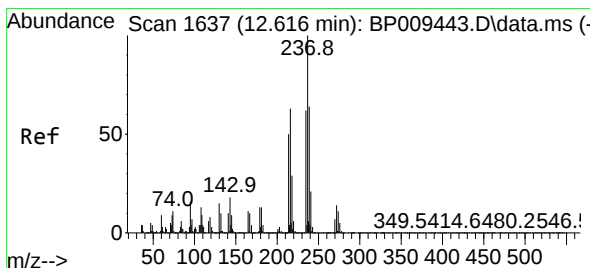
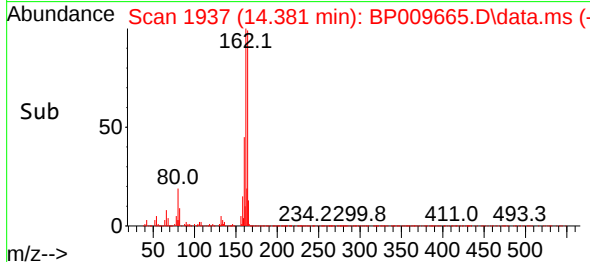
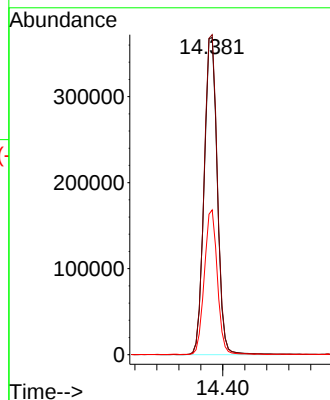
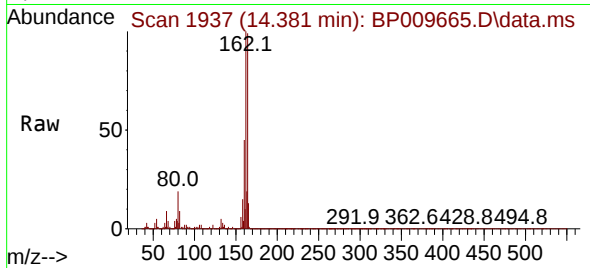




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

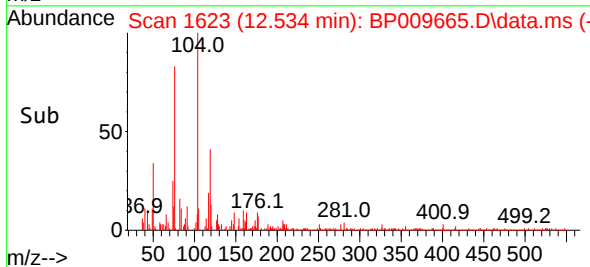
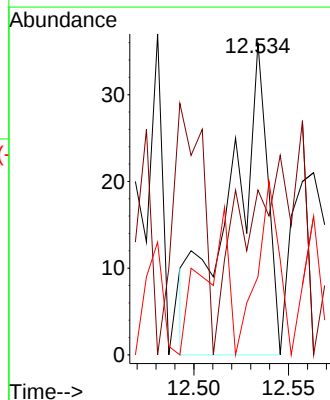
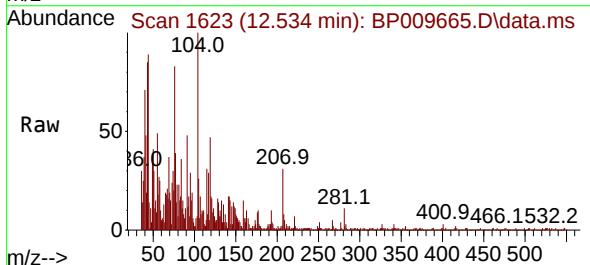
Instrument :
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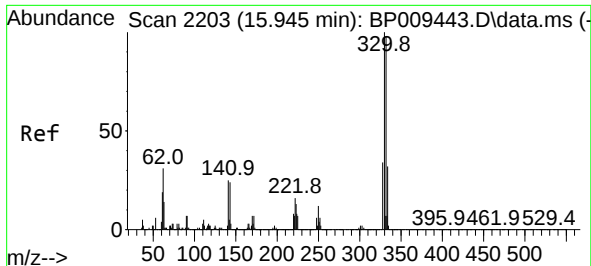
Tgt Ion:164 Resp: 610147
Ion Ratio Lower Upper
164 100
162 100.9 79.1 118.7
160 45.7 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 7.294 ng
RT: 12.534 min Scan# 1623
Delta R.T. -0.023 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

Tgt Ion:237 Resp: 50
Ion Ratio Lower Upper
237 100
235 52.8 42.6 82.6
272 25.0 0.0 32.8

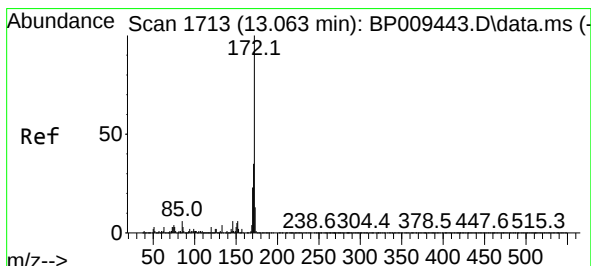
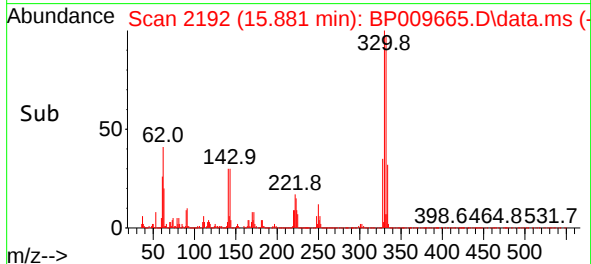
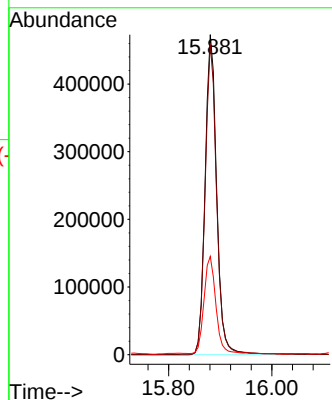
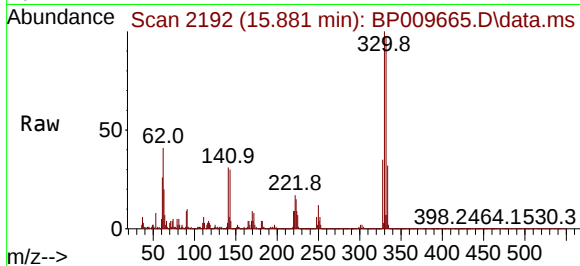




#42
2,4,6-Tribromophenol
Concen: 73.014 ng
RT: 15.881 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

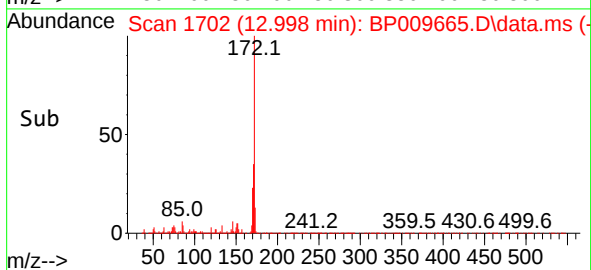
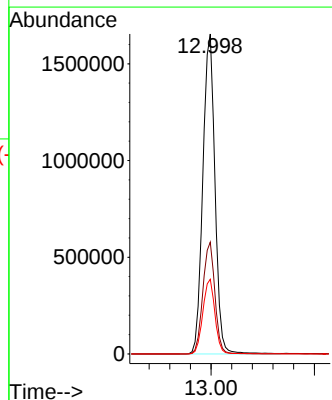
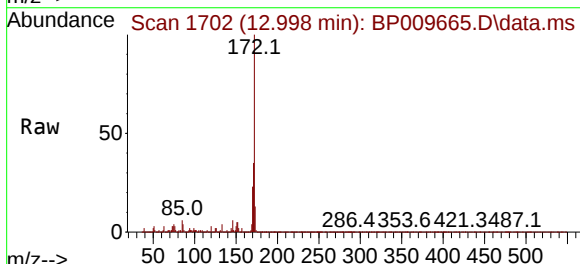
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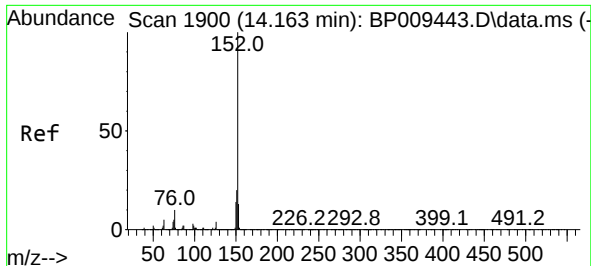
Tgt Ion:330 Resp: 735141
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 31.4 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 61.288 ng
RT: 12.998 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

Tgt Ion:172 Resp: 2697453
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.4 18.6 27.8

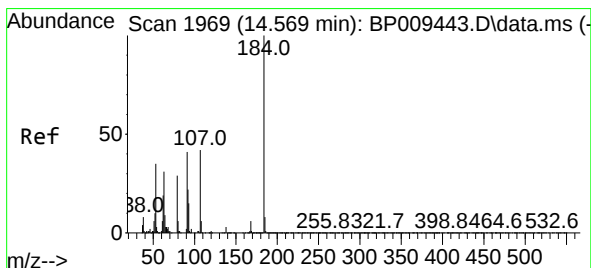
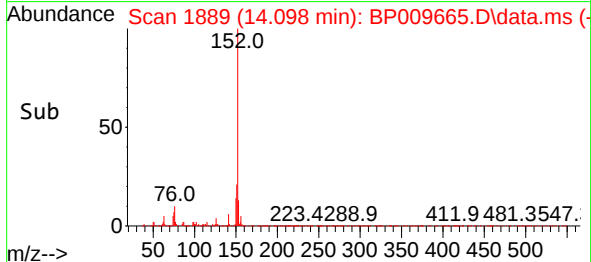
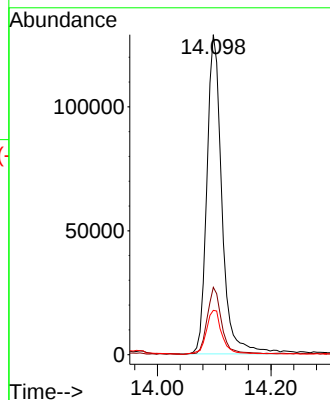
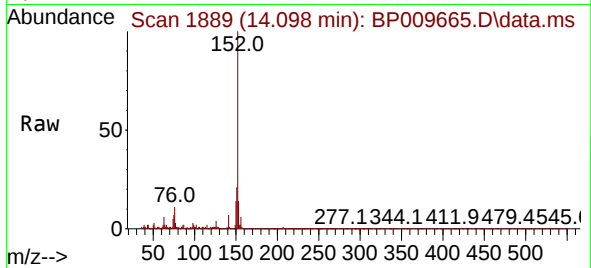




#49
Acenaphthylene
Concen: 4.259 ng
RT: 14.098 min Scan# 1889
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

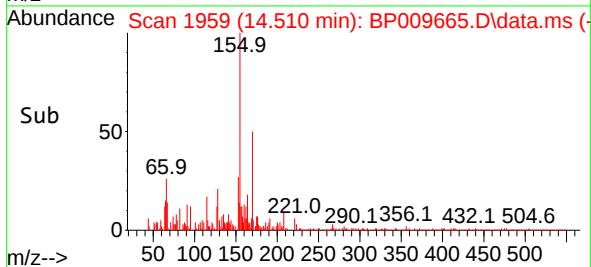
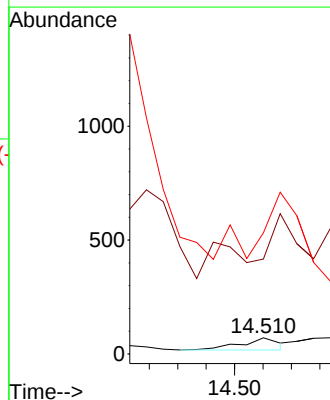
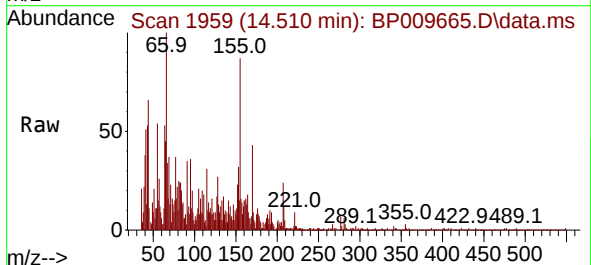
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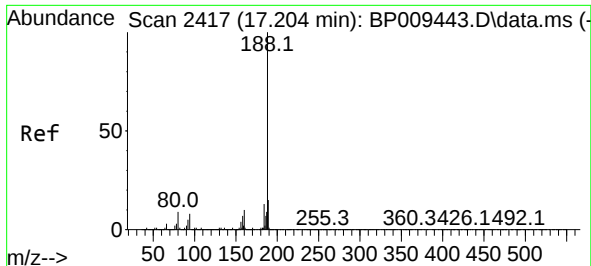
Tgt Ion:152 Resp: 235627
Ion Ratio Lower Upper
152 100
151 21.0 15.9 23.9
153 13.9 10.7 16.1



#54
2,4-Dinitrophenol
Concen: 4.540 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.018 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

Tgt Ion:184 Resp: 49
Ion Ratio Lower Upper
184 100
63 587.3 46.3 69.5#
154 749.3 45.8 68.6#

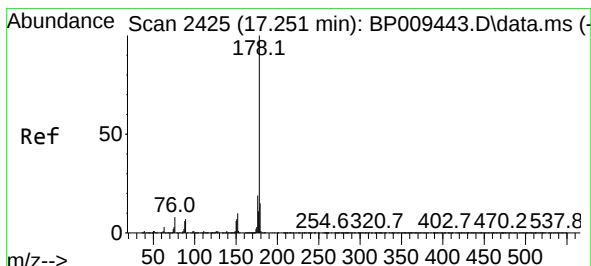
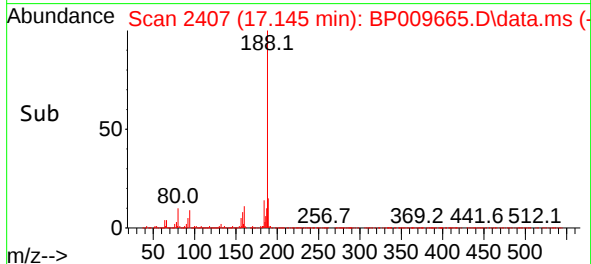
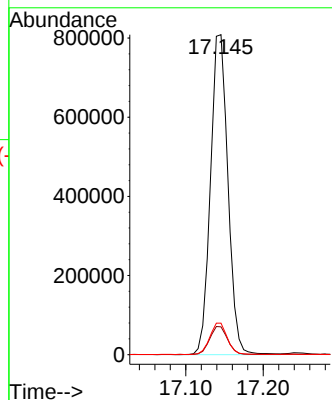
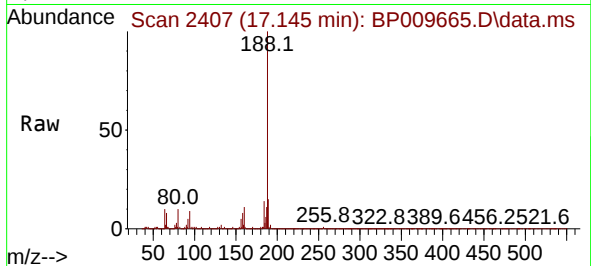




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

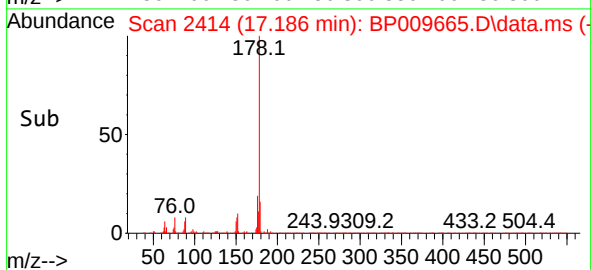
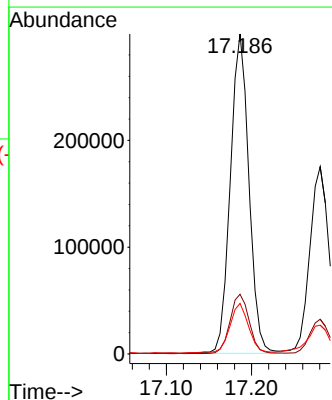
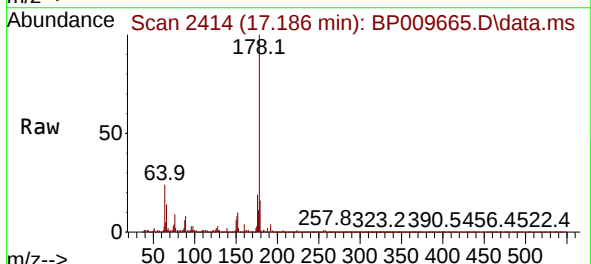
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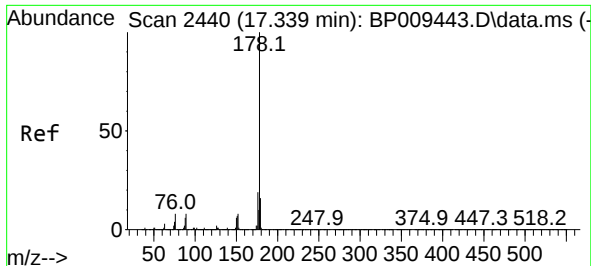
Tgt Ion:188 Resp: 1265699
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.9 8.8 13.2



#71
Phenanthrene
Concen: 6.673 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

Tgt Ion:178 Resp: 452091
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.8 12.3 18.5

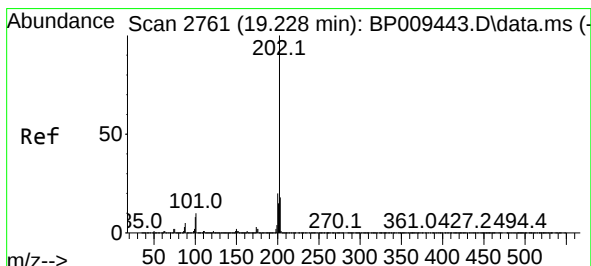
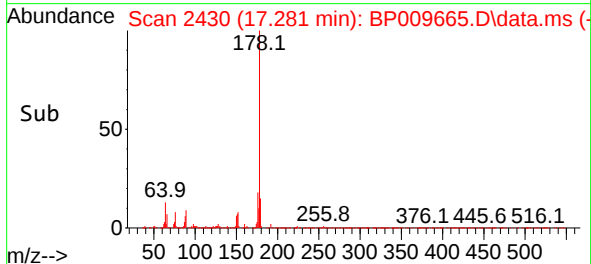
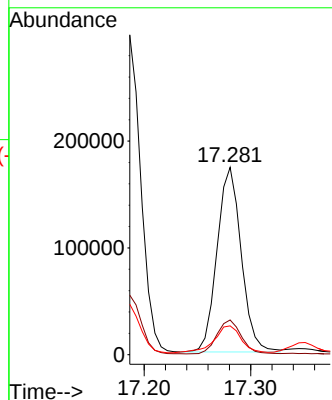
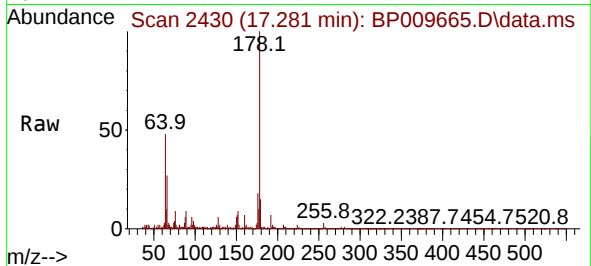




#72
 Anthracene
 Concen: 4.065 ng
 RT: 17.281 min Scan# 24
 Delta R.T. -0.012 min
 Lab File: BP009665.D
 Acq: 01 Apr 2022 19:11

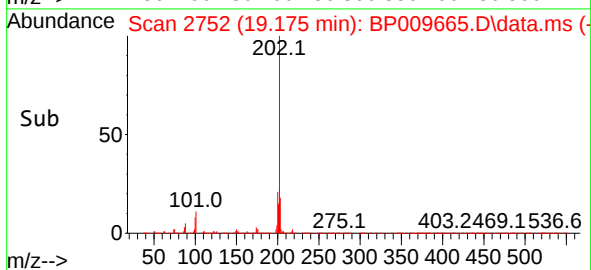
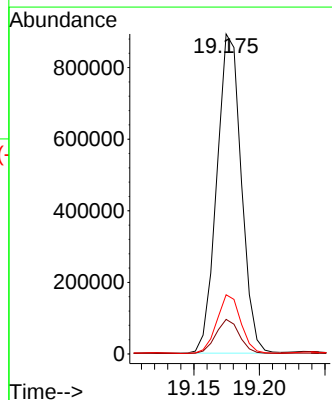
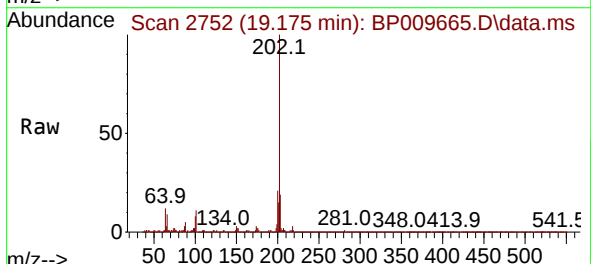
Instrument :
 BNA_P
 ClientSampleId :
 A11015

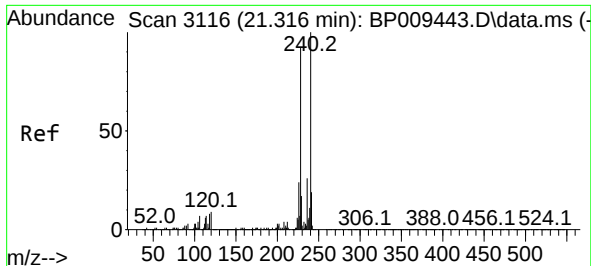
Tgt Ion:178 Resp: 271933
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.8 22.2
 179 15.4 12.2 18.4



#75
 Fluoranthene
 Concen: 14.118 ng
 RT: 19.175 min Scan# 2752
 Delta R.T. -0.006 min
 Lab File: BP009665.D
 Acq: 01 Apr 2022 19:11

Tgt Ion:202 Resp: 1158055
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 31.5
 203 18.5 0.0 37.8

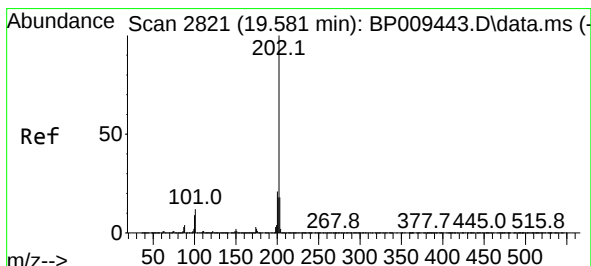
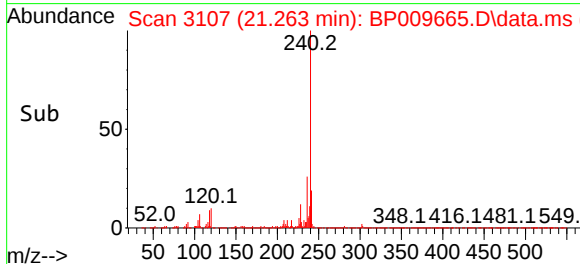
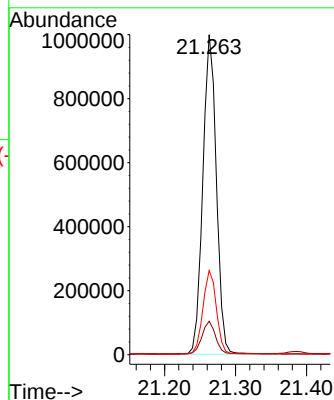
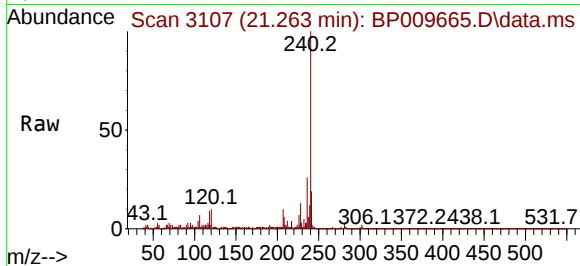




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

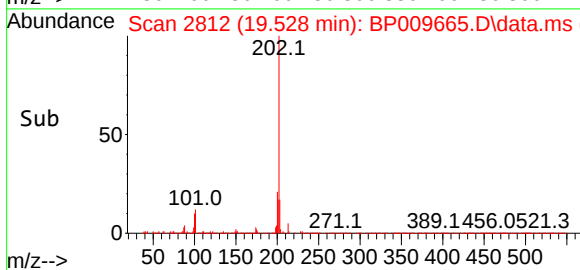
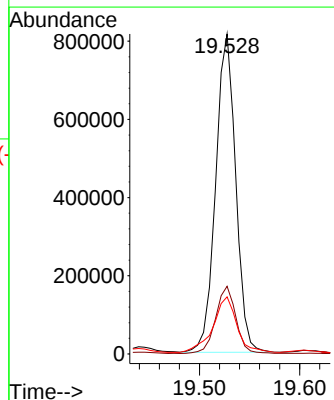
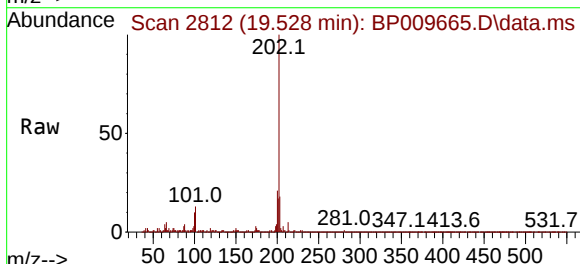
Instrument :
BNA_P
ClientSampleId :
A11015

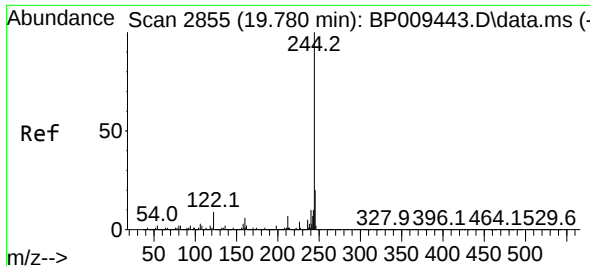
Tgt Ion:240 Resp: 1321987
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 26.3 20.6 30.8



#78
Pyrene
Concen: 12.977 ng
RT: 19.528 min Scan# 2812
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

Tgt Ion:202 Resp: 1130456
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.8 14.2 21.4

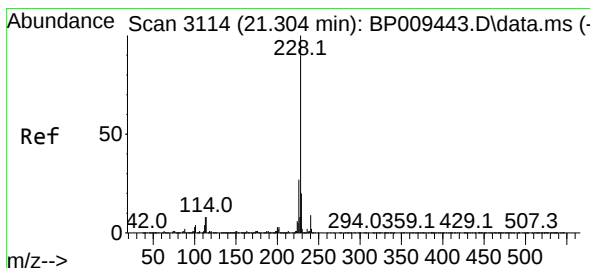
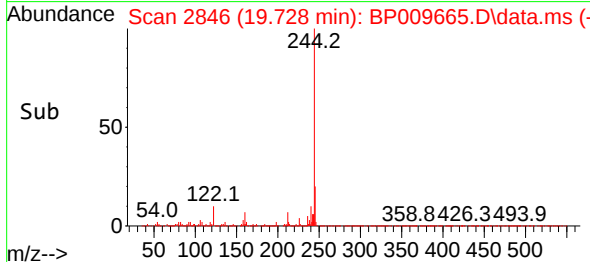
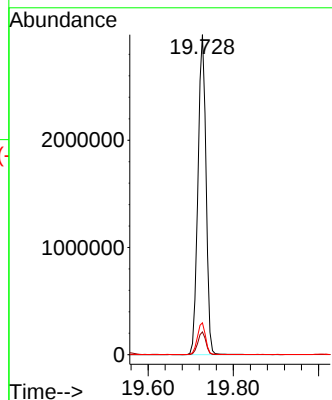
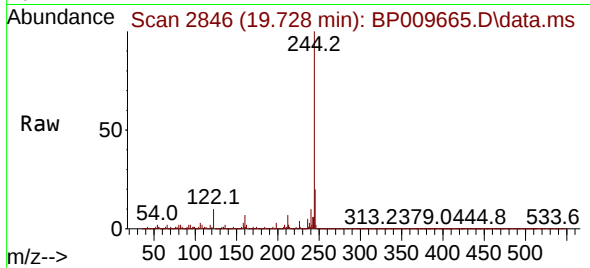




#79
 Terphenyl-d14
 Concen: 53.010 ng
 RT: 19.728 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP009665.D
 Acq: 01 Apr 2022 19:11

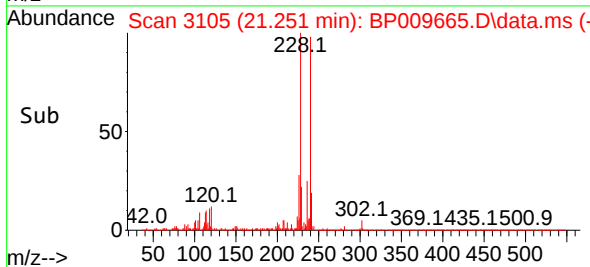
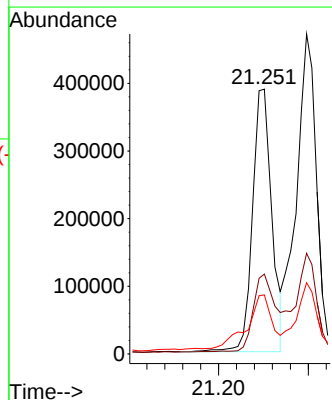
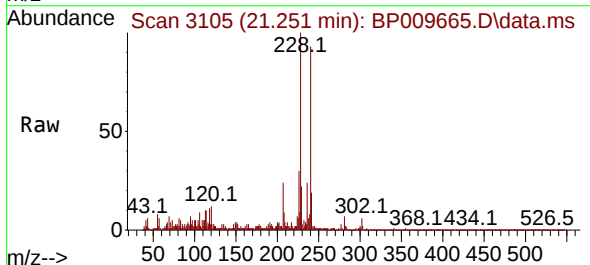
Instrument :
 BNA_P
 ClientSampleId :
 A11015

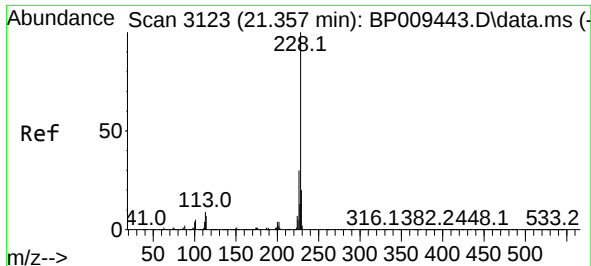
Tgt Ion:244 Resp: 3904356
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.0 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 6.677 ng
 RT: 21.251 min Scan# 3105
 Delta R.T. -0.012 min
 Lab File: BP009665.D
 Acq: 01 Apr 2022 19:11

Tgt Ion:228 Resp: 579933
 Ion Ratio Lower Upper
 228 100
 226 30.1 22.0 33.0
 229 22.3 16.1 24.1





#83

Chrysene

Concen: 8.875 ng

RT: 21.298 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP009665.D

Acq: 01 Apr 2022 19:11

Instrument :

BNA_P

ClientSampleId :

A11015

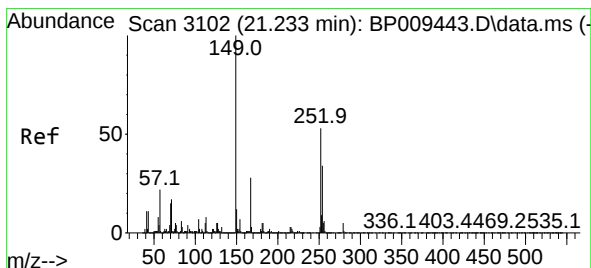
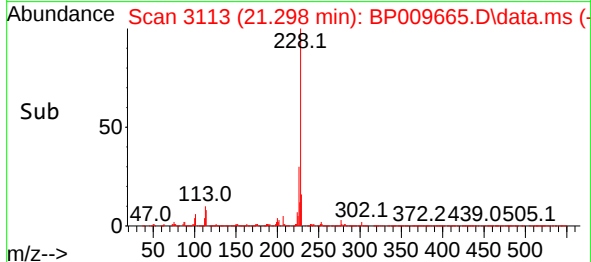
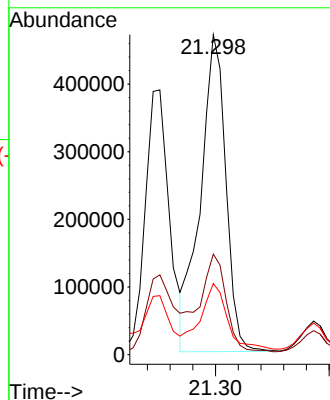
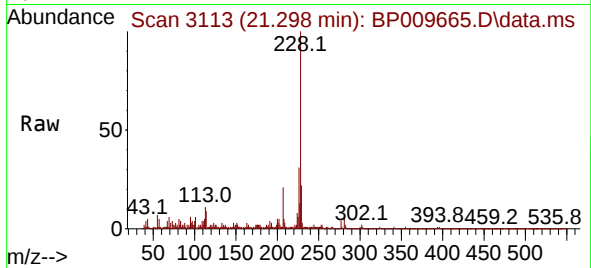
Tgt Ion:228 Resp: 729934

Ion Ratio Lower Upper

228 100

226 31.5 24.2 36.2

229 22.2 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.281 ng

RT: 21.180 min Scan# 3093

Delta R.T. -0.012 min

Lab File: BP009665.D

Acq: 01 Apr 2022 19:11

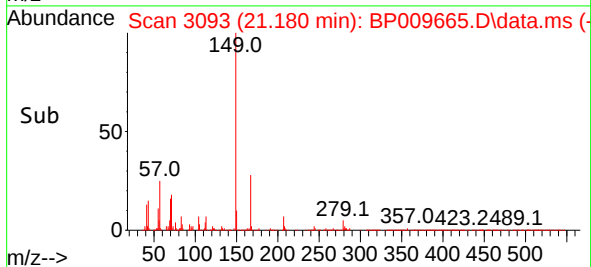
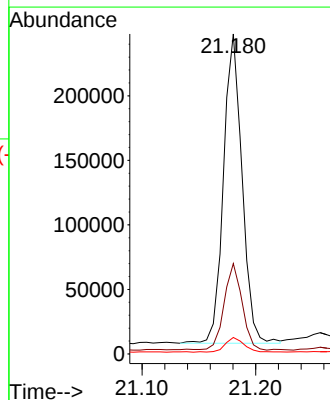
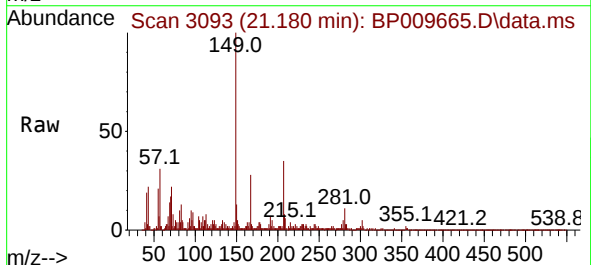
Tgt Ion:149 Resp: 272536

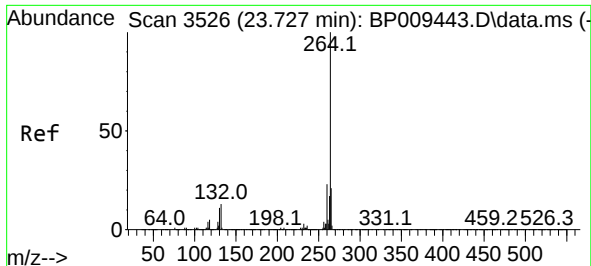
Ion Ratio Lower Upper

149 100

167 28.3 22.6 33.8

279 5.2 3.8 5.6

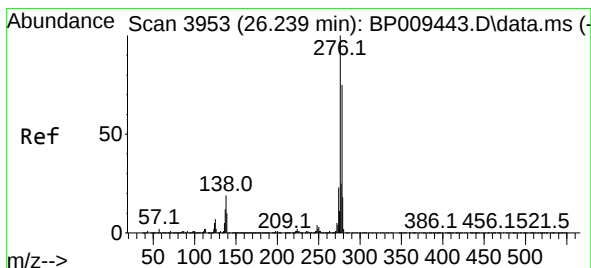
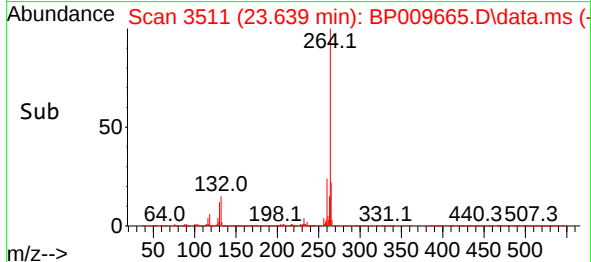
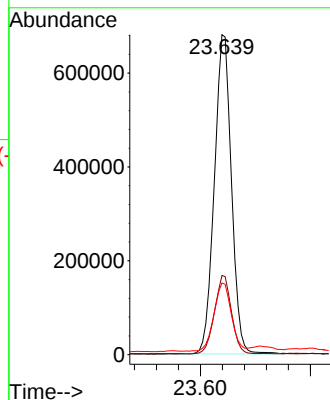
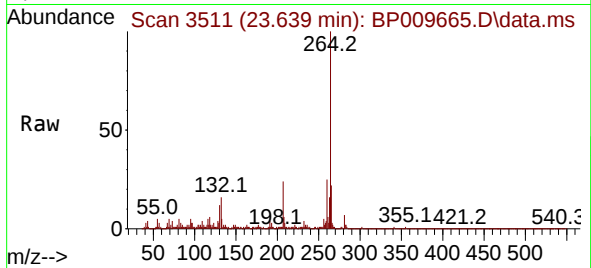




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.639 min Scan# 311
Delta R.T. -0.012 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

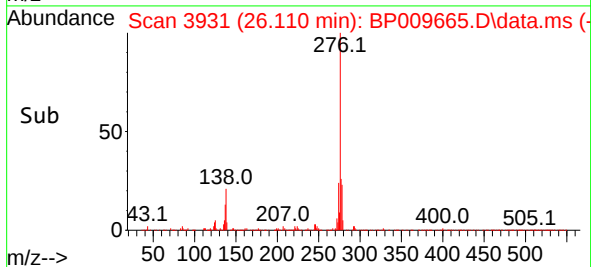
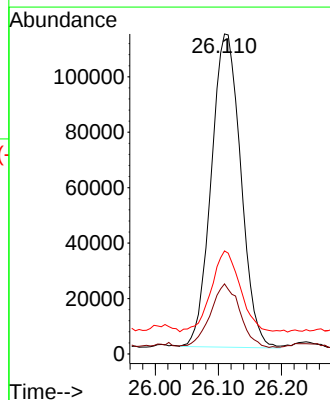
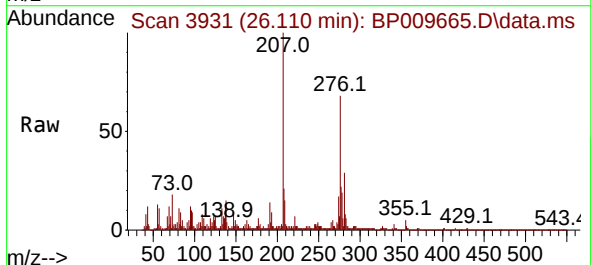
Instrument :
BNA_P
ClientSampleId :
A11015

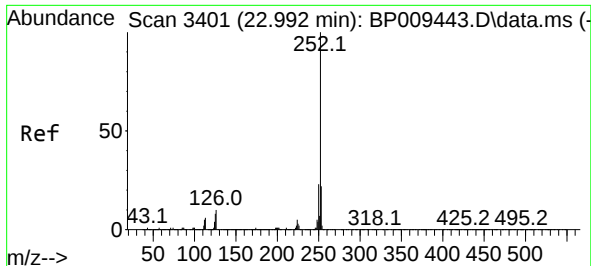
Tgt Ion:264 Resp: 1467006
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.0
265 22.4 17.2 25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.301 ng
RT: 26.110 min Scan# 3931
Delta R.T. -0.029 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

Tgt Ion:276 Resp: 367418
Ion Ratio Lower Upper
276 100
138 20.2 20.5 30.7#
277 25.2 20.4 30.6

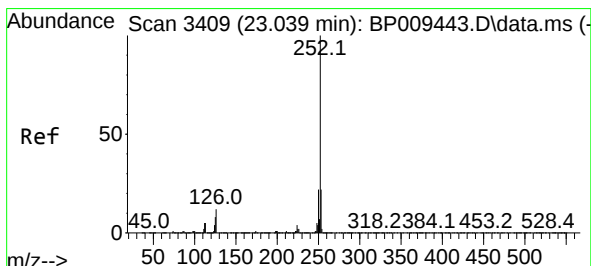
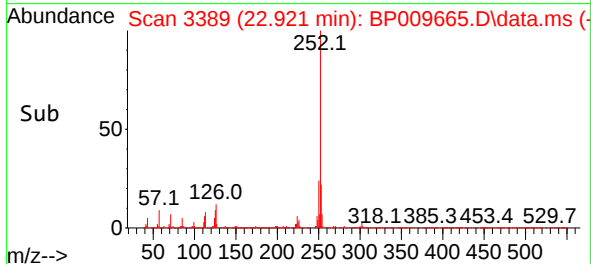
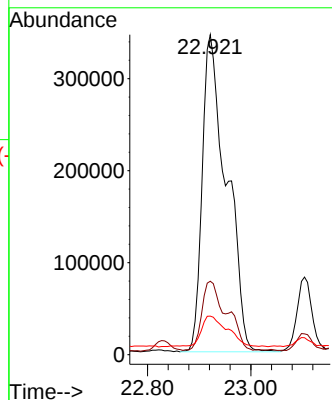
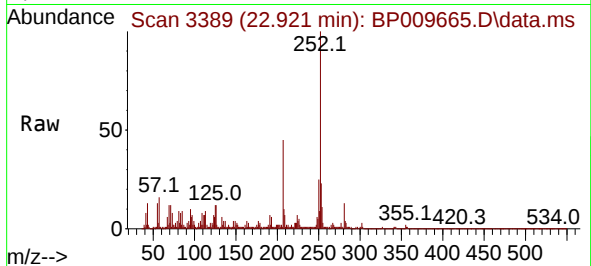




#88
Benzo(b)fluoranthene
Concen: 12.858 ng
RT: 22.921 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

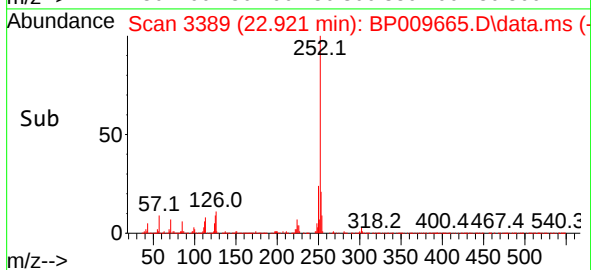
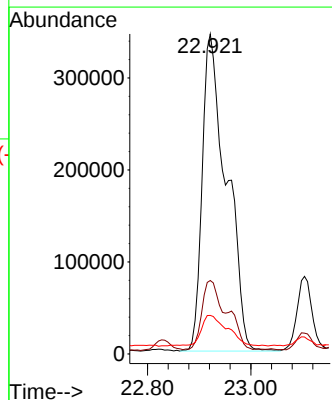
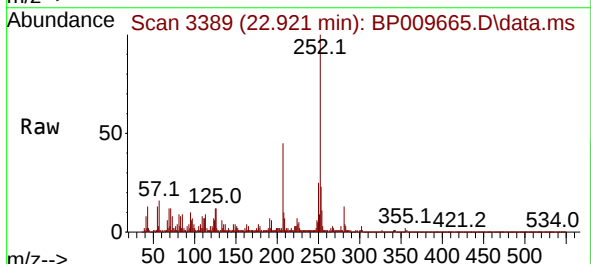
Instrument :
BNA_P
ClientSampleId :
A11015

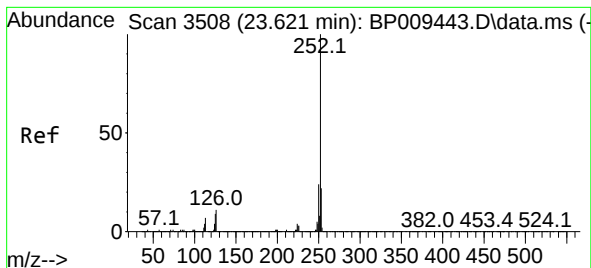
Tgt Ion:252 Resp: 1126051
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 12.1 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 13.132 ng
RT: 22.921 min Scan# 3389
Delta R.T. -0.059 min
Lab File: BP009665.D
Acq: 01 Apr 2022 19:11

Tgt Ion:252 Resp: 1126051
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 12.1 8.3 12.5





#90

Benzo(a)pyrene

Concen: 6.583 ng

RT: 23.533 min Scan# 34

Delta R.T. -0.018 min

Lab File: BP009665.D

Acq: 01 Apr 2022 19:11

Instrument :

BNA_P

ClientSampleId :

A11015

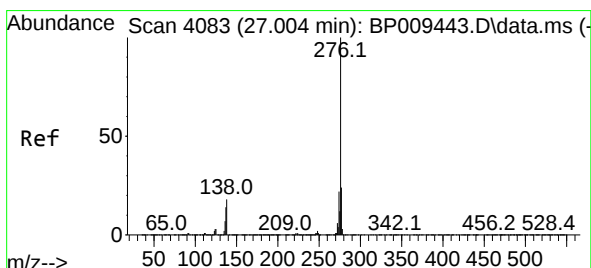
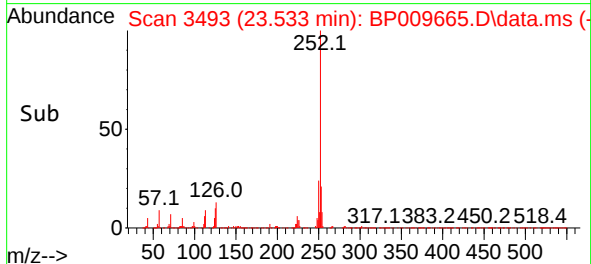
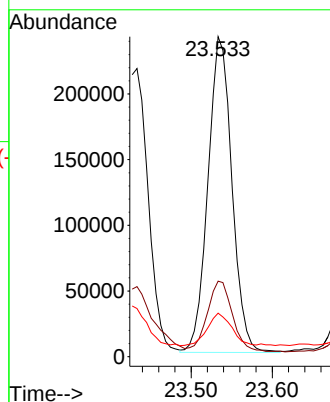
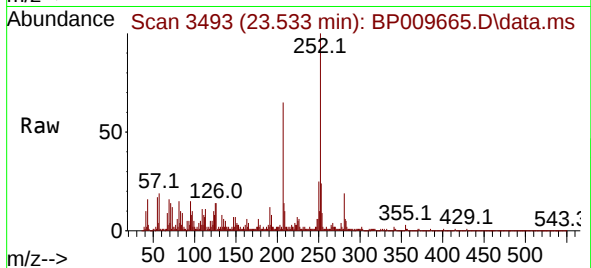
Tgt Ion:252 Resp: 493265

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.6

125 13.6 9.3 13.9



#92

Benzo(g,h,i)perylene

Concen: 4.187 ng

RT: 26.868 min Scan# 4060

Delta R.T. -0.029 min

Lab File: BP009665.D

Acq: 01 Apr 2022 19:11

Tgt Ion:276 Resp: 382053

Ion Ratio Lower Upper

276 100

277 30.9 19.2 28.8#

138 20.7 18.0 27.0

