

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
 Data File : BP009103.D
 Acq On : 10 Feb 2022 17:15
 Operator : CG/JU
 Sample : N1469-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-1

Quant Time: Feb 10 18:01:03 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)

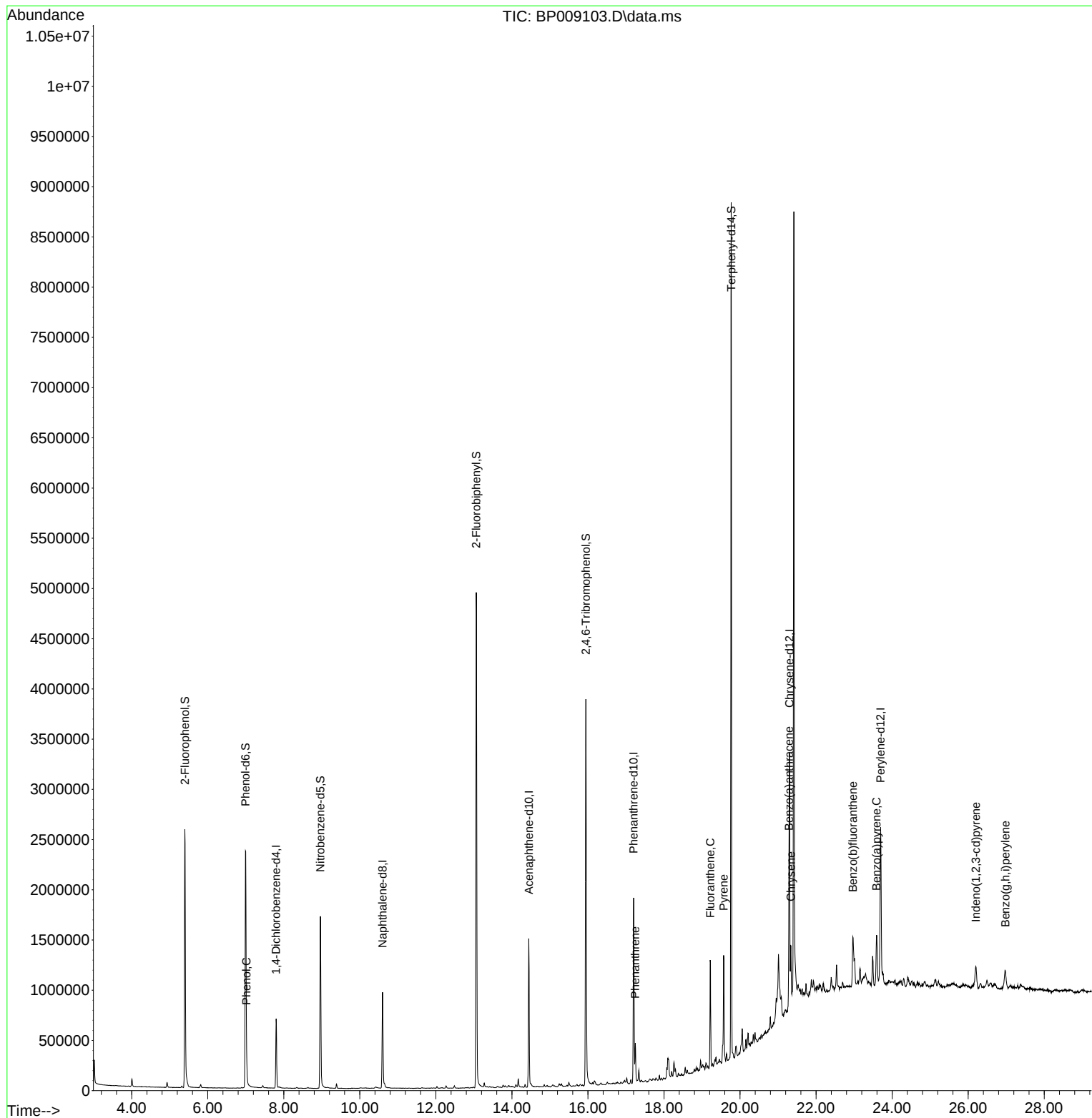
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	214587	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	884503	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	586267	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1226772	20.000	ng	0.00
76) Chrysene-d12	21.298	240	1128544	20.000	ng	0.00
86) Perylene-d12	23.698	264	1237015	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1328947	110.472	ng	0.00
7) Phenol-d6	6.993	99	1675558	105.706	ng	0.00
23) Nitrobenzene-d5	8.963	82	1068313	68.113	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	966856	123.517	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2984510	71.264	ng	0.00
79) Terphenyl-d14	19.769	244	4298387	68.495	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.022	94	39386	2.471	ng	# 60
71) Phenanthrene	17.245	178	248888	3.747	ng	98
75) Fluoranthene	19.222	202	680952	9.147	ng	95
78) Pyrene	19.569	202	694481	8.651	ng	98
81) Benzo(a)anthracene	21.286	228	422811	5.814	ng	99
83) Chrysene	21.339	228	344035	4.907	ng	98
87) Indeno(1,2,3-cd)pyrene	26.204	276	253701	2.760	ng	# 93
88) Benzo(b)fluoranthene	22.968	252	508801	6.681	ng	96
90) Benzo(a)pyrene	23.592	252	374024	5.891	ng	98
92) Benzo(g,h,i)perylene	26.980	276	257456	3.423	ng	93

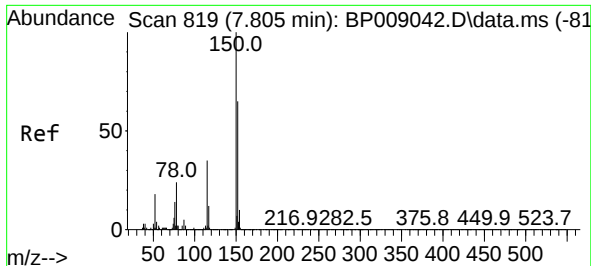
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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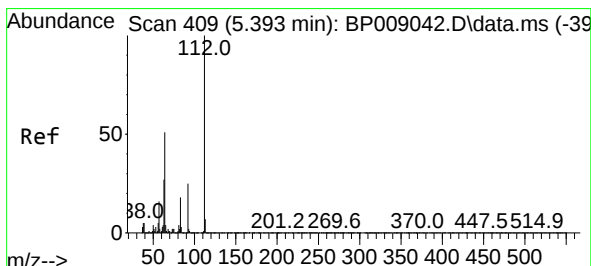
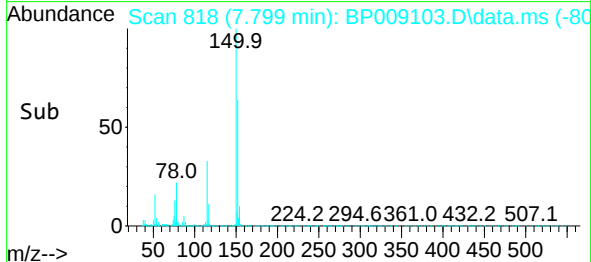
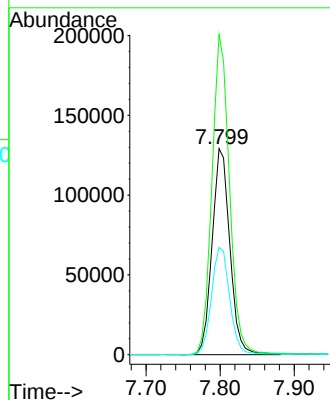
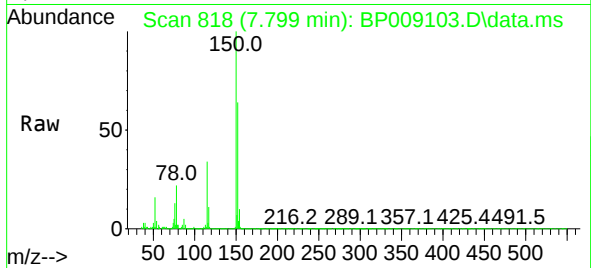




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

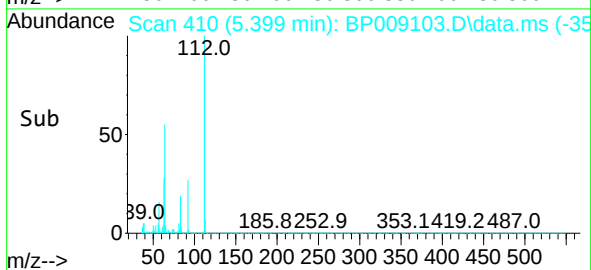
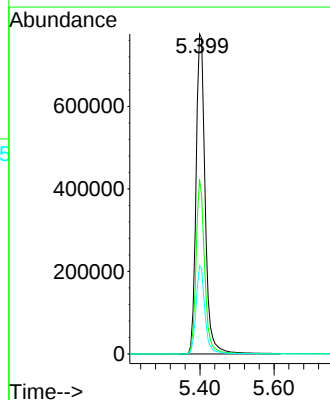
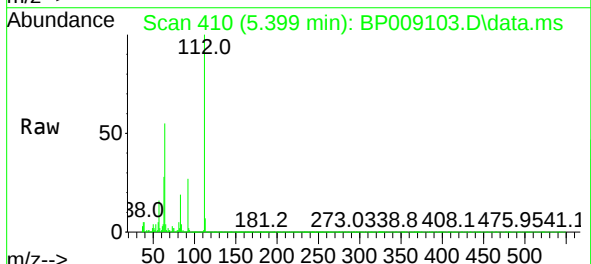
Instrument :
BNA_P
ClientSampleId :
B-1

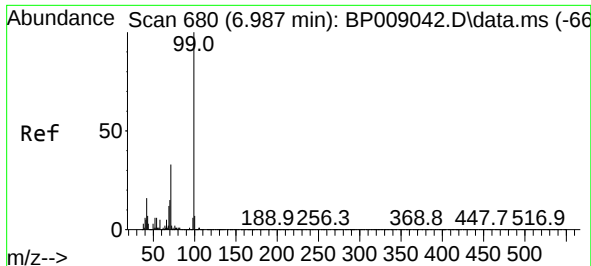
Tgt Ion:152 Resp: 214587
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.6
115 52.1 43.7 65.5



#5
2-Fluorophenol
Concen: 110.472 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

Tgt Ion:112 Resp: 1328947
Ion Ratio Lower Upper
112 100
64 54.6 39.7 59.5
63 27.6 20.0 30.0

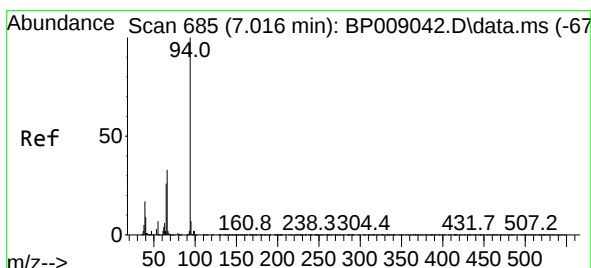
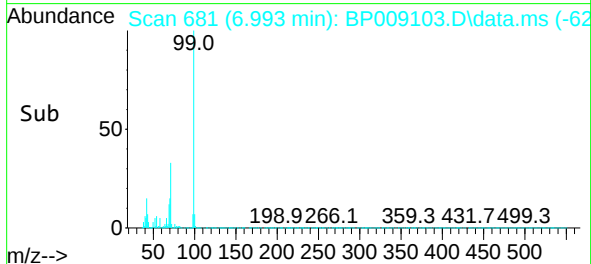
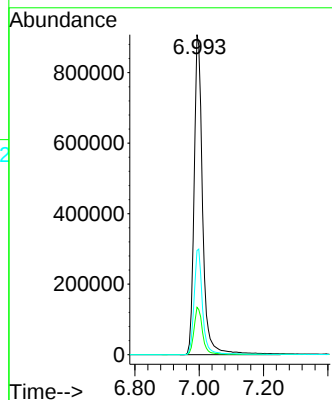
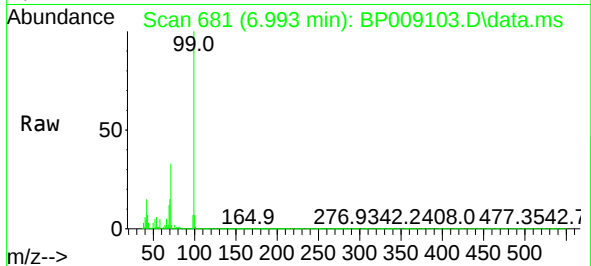




#7
Phenol-d6
Concen: 105.706 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

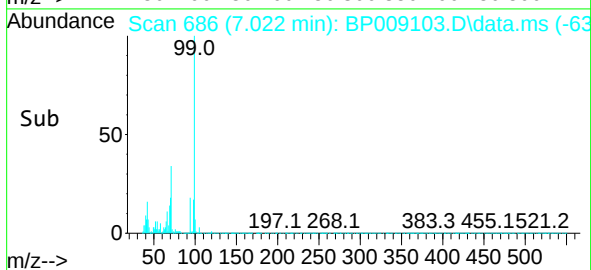
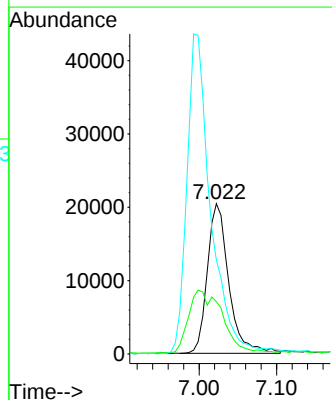
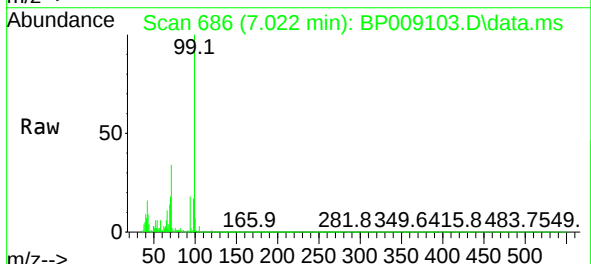
Instrument :
BNA_P
ClientSampleId :
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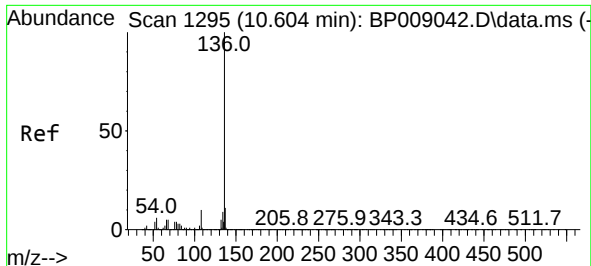
Tgt Ion: 99 Resp: 1675558
Ion Ratio Lower Upper
99 100
42 14.8 10.8 16.2
71 32.5 23.8 35.6



#10
Phenol
Concen: 2.471 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.006 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

Tgt Ion: 94 Resp: 39386
Ion Ratio Lower Upper
94 100
65 34.9 4.1 44.1
66 62.5 12.4 52.4#



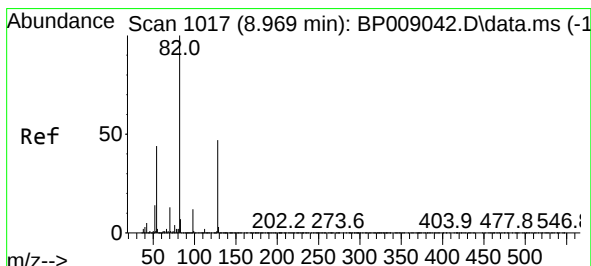
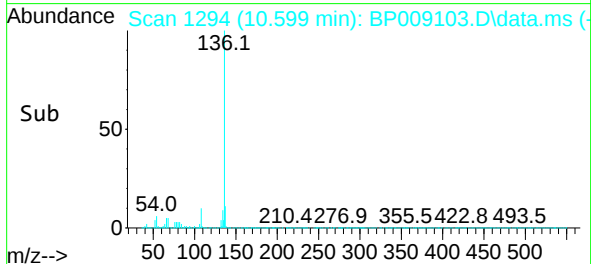
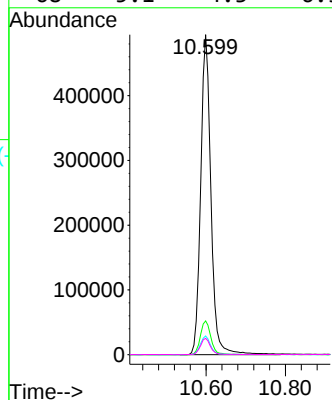
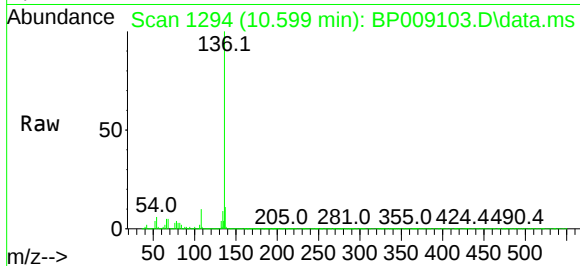


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1016
Delta R.T. -0.005 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

Instrument :
BNA_P
ClientSampleId :
B-1

Tgt Ion:136 Resp: 884503

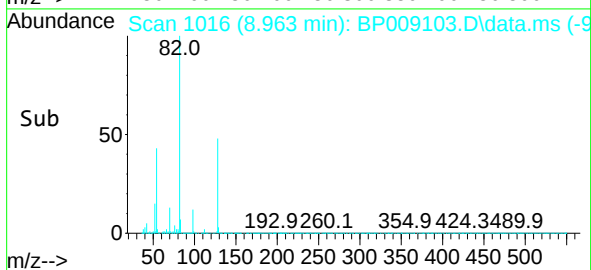
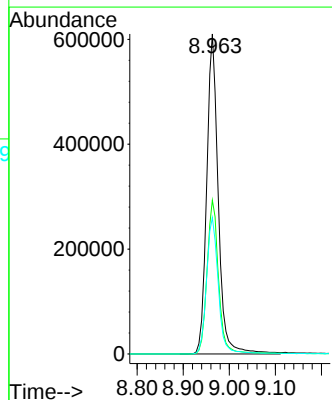
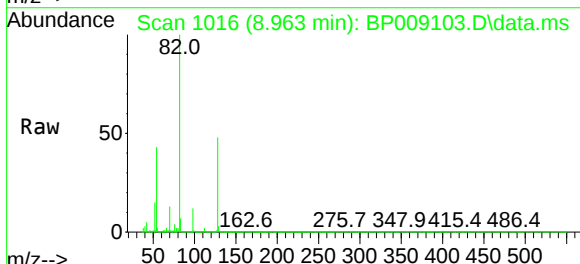
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	5.8	4.9	7.3
68	5.1	4.3	6.5

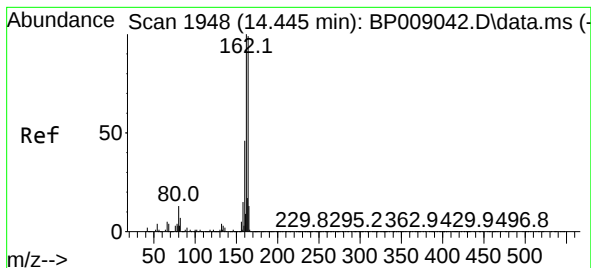


#23
Nitrobenzene-d5
Concen: 68.113 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

Tgt Ion: 82 Resp: 1068313

Ion	Ratio	Lower	Upper
82	100		
128	48.1	39.4	59.2
54	42.6	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: BP009103.D

Acq: 10 Feb 2022 17:15

Instrument :

BNA_P

ClientSampleId :

B-1

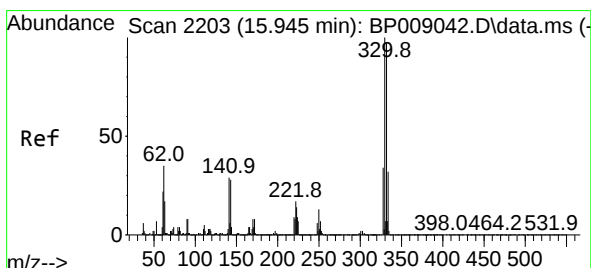
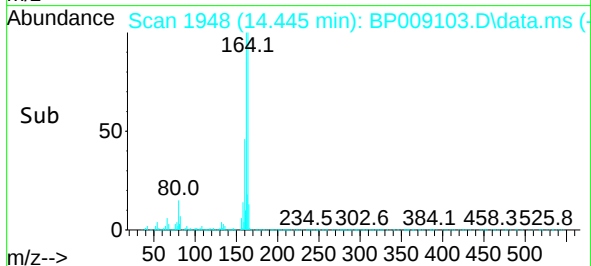
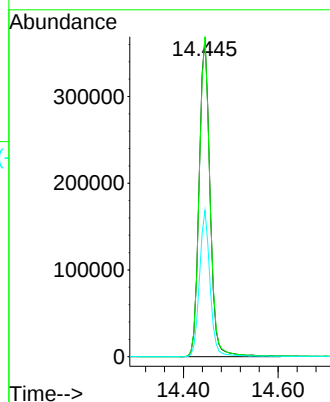
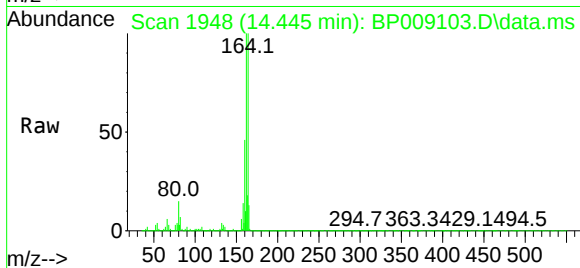
Tgt Ion:164 Resp: 586267

Ion Ratio Lower Upper

164 100

162 100.1 79.9 119.9

160 45.8 35.5 53.3



#42

2,4,6-Tribromophenol

Concen: 123.517 ng

RT: 15.945 min Scan# 2203

Delta R.T. -0.000 min

Lab File: BP009103.D

Acq: 10 Feb 2022 17:15

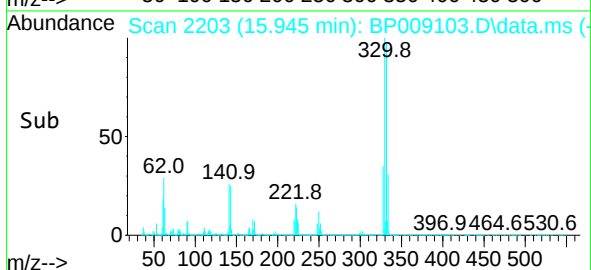
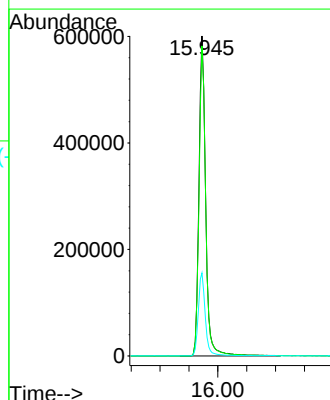
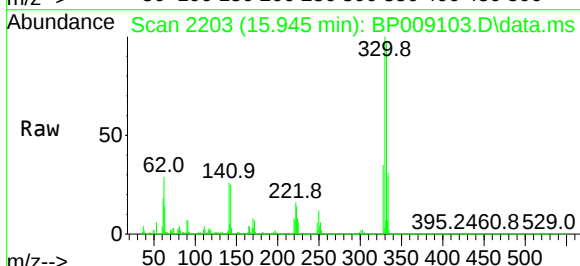
Tgt Ion:330 Resp: 966856

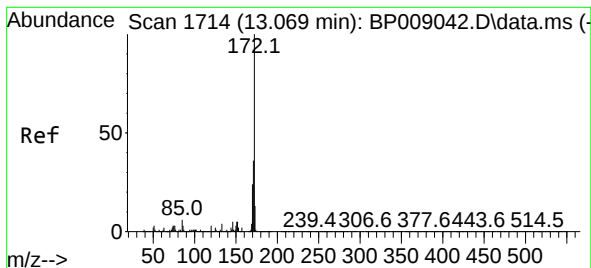
Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.4

141 26.8 21.3 31.9





#45

2-Fluorobiphenyl

Concen: 71.264 ng

RT: 13.063 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP009103.D

Acq: 10 Feb 2022 17:15

Instrument :

BNA_P

ClientSampleId :

B-1

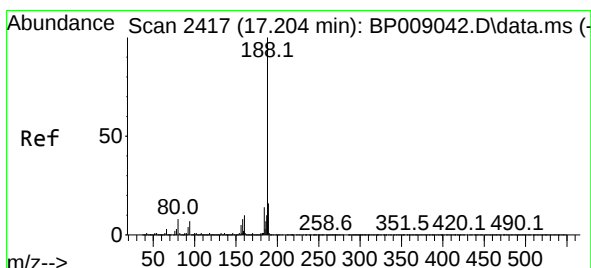
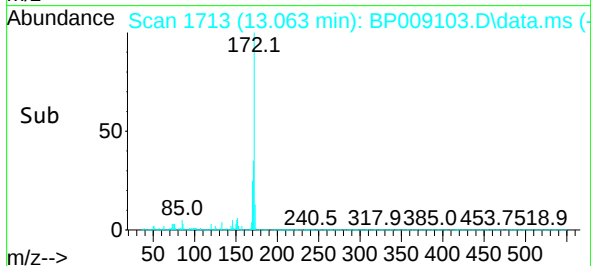
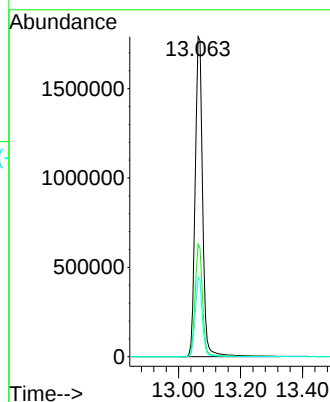
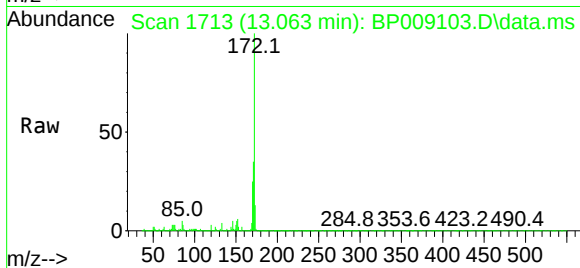
Tgt Ion:172 Resp: 2984510

Ion Ratio Lower Upper

172 100

171 35.2 29.3 43.9

170 24.8 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: BP009103.D

Acq: 10 Feb 2022 17:15

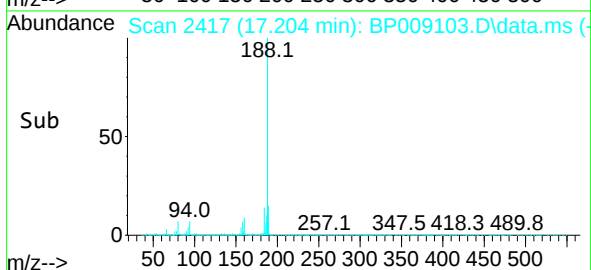
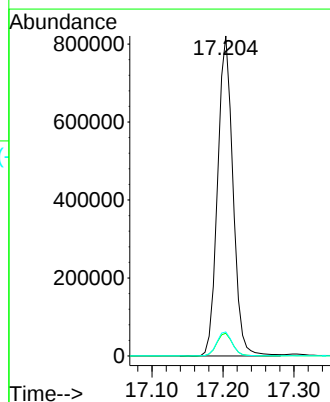
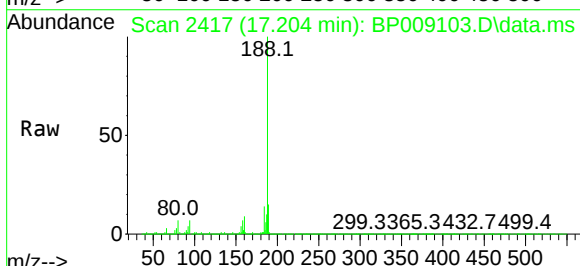
Tgt Ion:188 Resp: 1226772

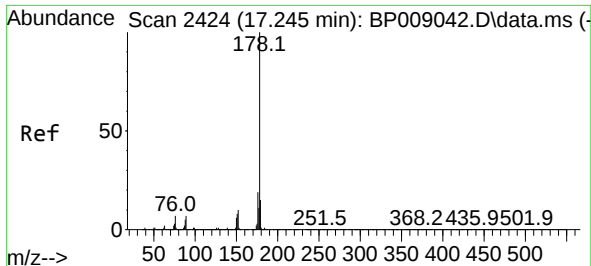
Ion Ratio Lower Upper

188 100

94 7.1 6.8 10.2

80 7.5 7.2 10.8

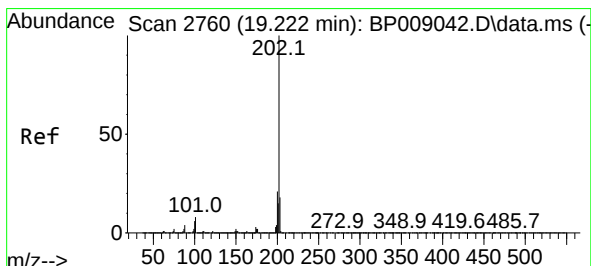
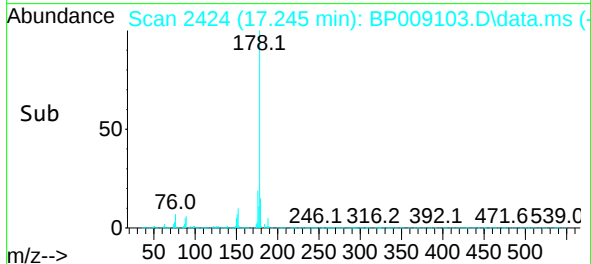
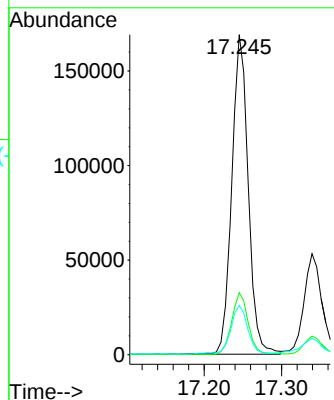
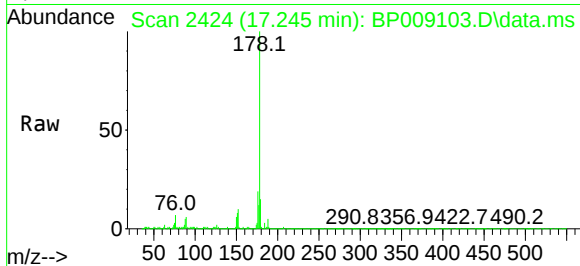




#71
Phenanthrene
Concen: 3.747 ng
RT: 17.245 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

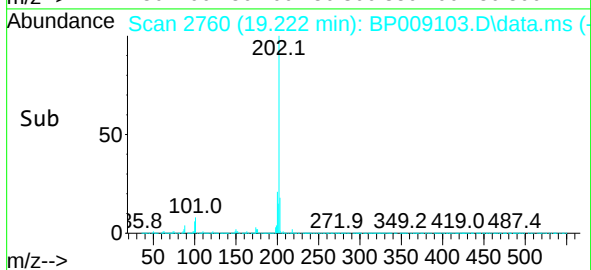
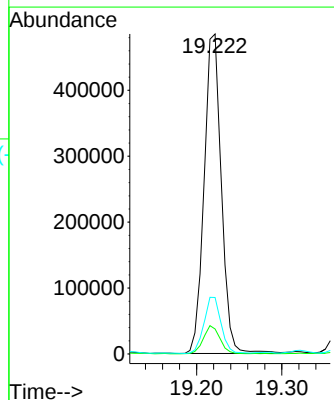
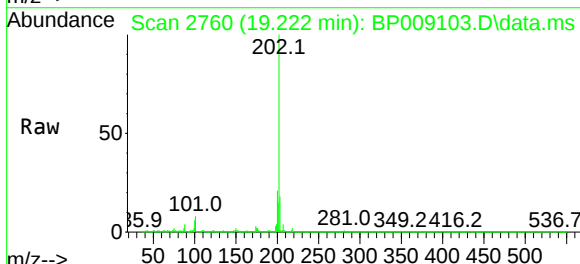
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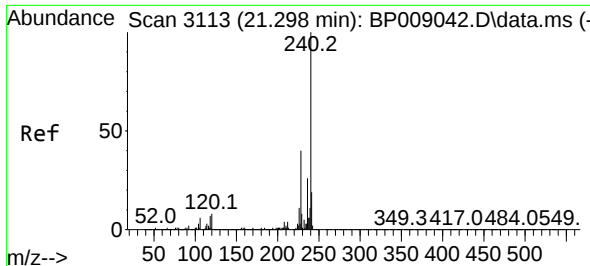
Tgt Ion:178 Resp: 248888
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.4 13.0 19.4



#75
Fluoranthene
Concen: 9.147 ng
RT: 19.222 min Scan# 2760
Delta R.T. -0.000 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

Tgt Ion:202 Resp: 680952
Ion Ratio Lower Upper
202 100
101 7.8 0.0 30.7
203 17.7 0.0 38.9

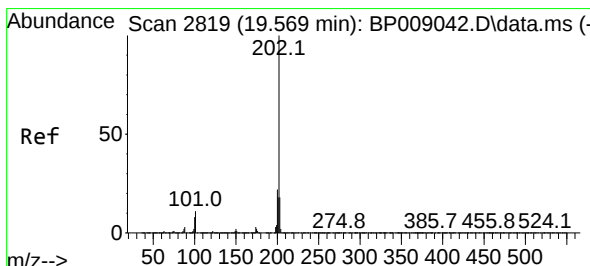
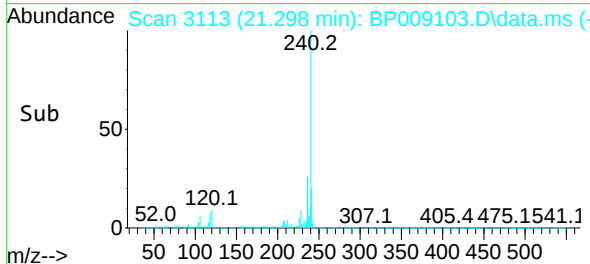
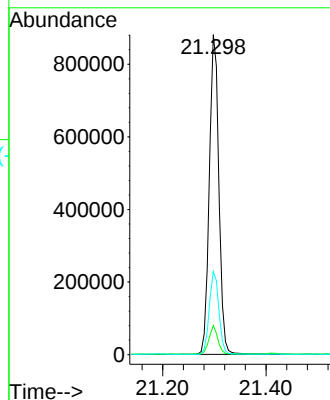
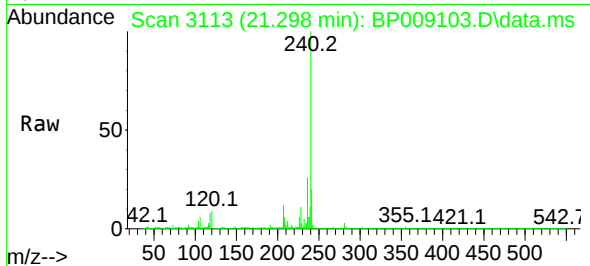




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

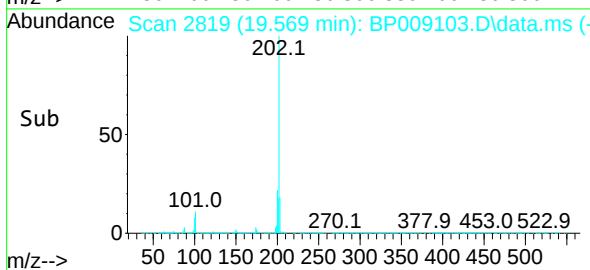
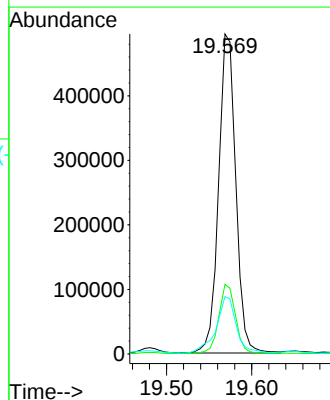
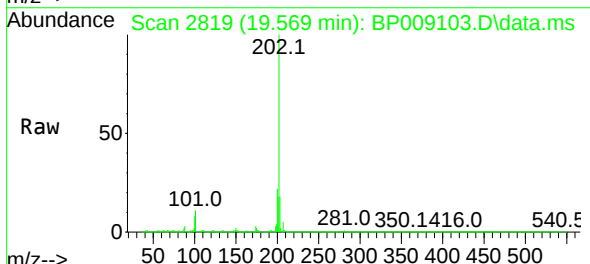
Instrument :
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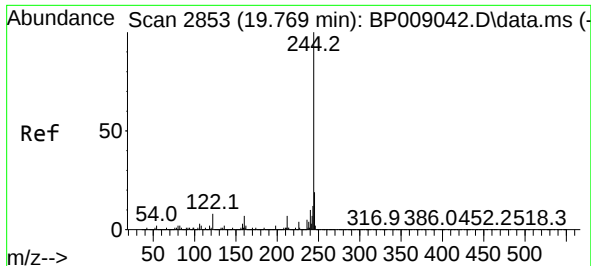
Tgt Ion:240 Resp: 1128544
Ion Ratio Lower Upper
240 100
120 9.1 7.7 11.5
236 26.0 21.2 31.8



#78
Pyrene
Concen: 8.651 ng
RT: 19.569 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

Tgt Ion:202 Resp: 694481
Ion Ratio Lower Upper
202 100
200 21.7 18.0 27.0
203 18.0 15.0 22.6

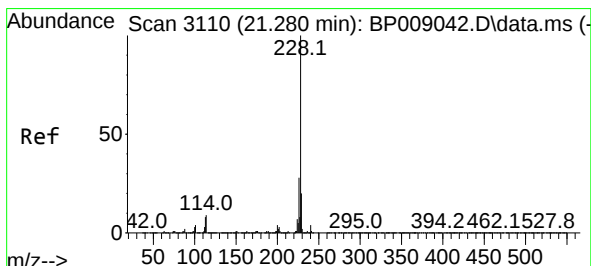
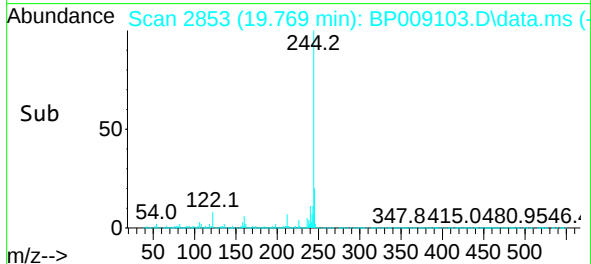
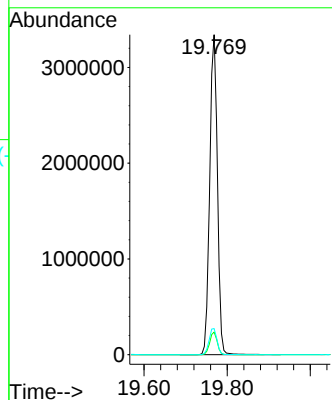
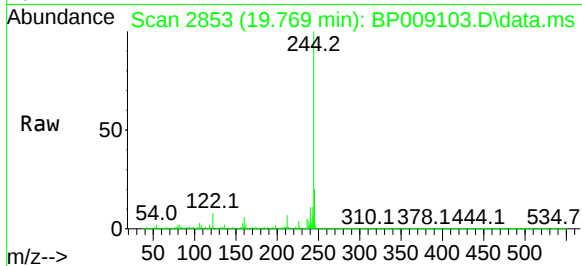




#79
 Terphenyl-d14
 Concen: 68.495 ng
 RT: 19.769 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP009103.D
 Acq: 10 Feb 2022 17:15

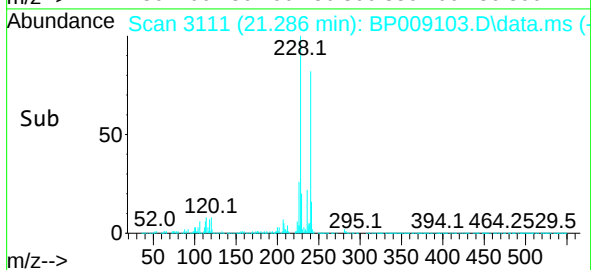
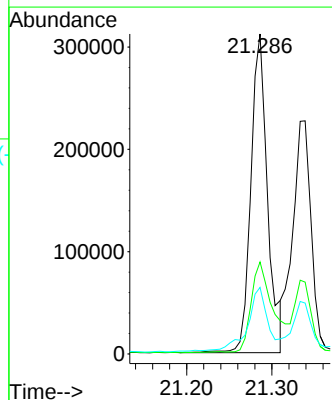
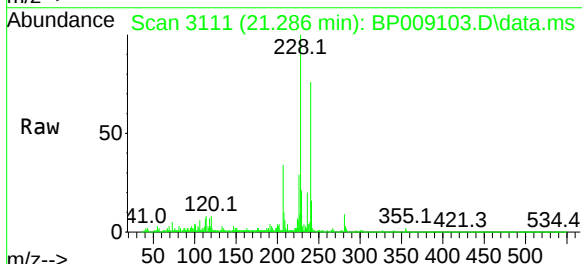
Instrument :
 BNA_P
 ClientSampleId :
 B-1

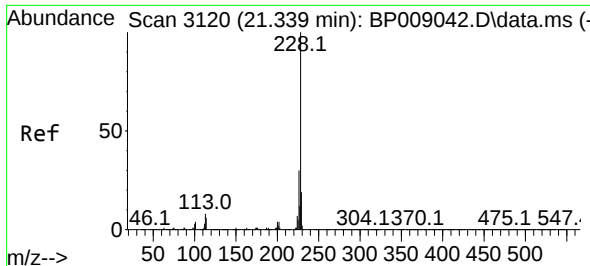
Tgt Ion:244 Resp: 4298387
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 8.2 9.2 13.8#



#81
 Benzo(a)anthracene
 Concen: 5.814 ng
 RT: 21.286 min Scan# 3111
 Delta R.T. 0.006 min
 Lab File: BP009103.D
 Acq: 10 Feb 2022 17:15

Tgt Ion:228 Resp: 422811
 Ion Ratio Lower Upper
 228 100
 226 28.7 23.3 34.9
 229 20.8 17.0 25.6

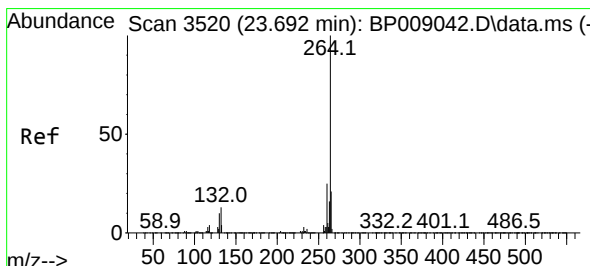
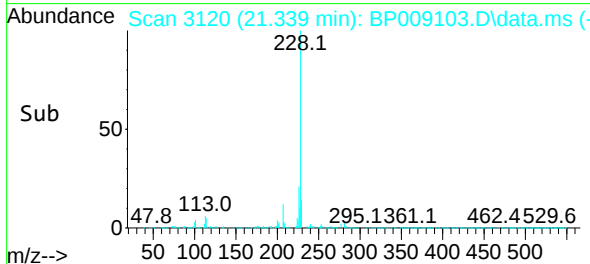
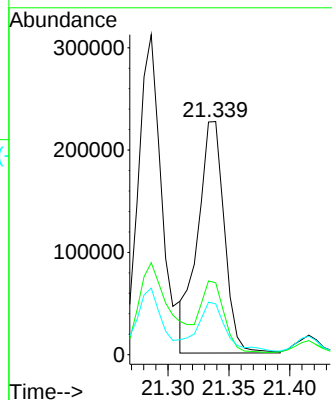
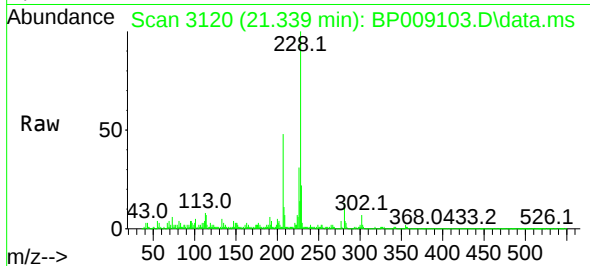




#83
Chrysene
Concen: 4.907 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

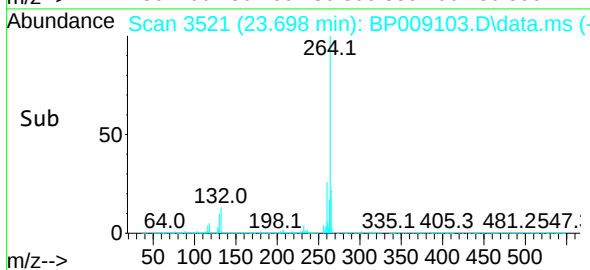
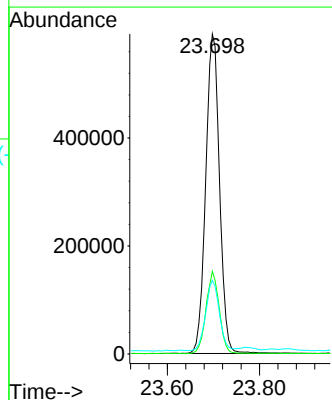
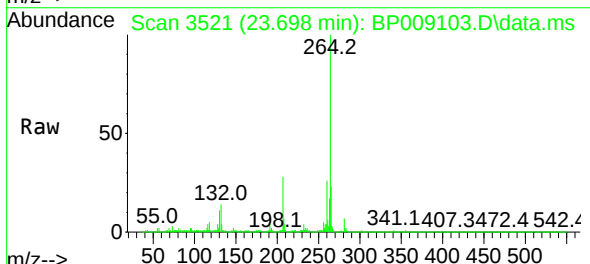
Instrument :
BNA_P
ClientSampleId :
B-1

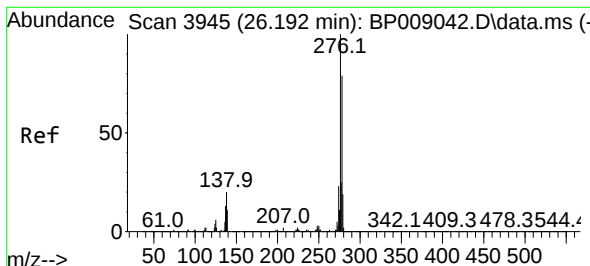
Tgt Ion:228 Resp: 344035
Ion Ratio Lower Upper
228 100
226 30.8 26.0 39.0
229 21.8 16.9 25.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.698 min Scan# 3521
Delta R.T. 0.006 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

Tgt Ion:264 Resp: 1237015
Ion Ratio Lower Upper
264 100
260 25.8 19.1 28.7
265 23.0 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.760 ng

RT: 26.204 min Scan# 3947

Delta R.T. 0.012 min

Lab File: BP009103.D

Acq: 10 Feb 2022 17:15

Instrument :

BNA_P

ClientSampleId :

B-1

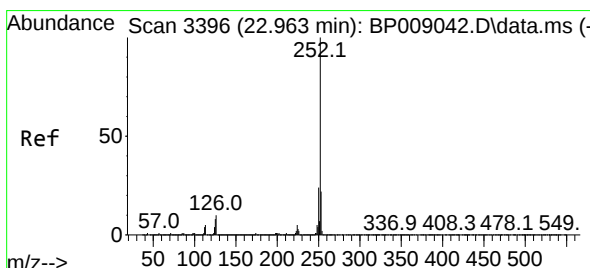
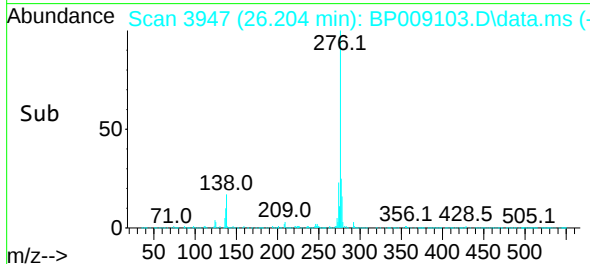
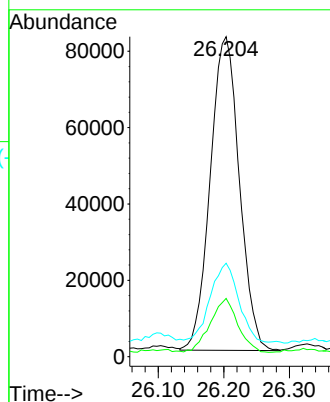
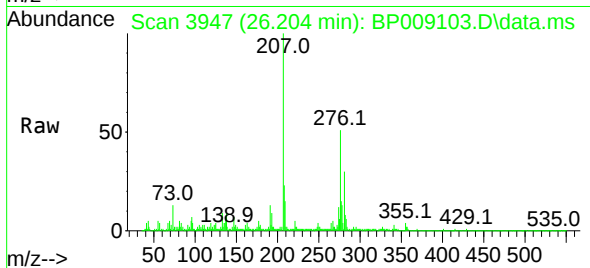
Tgt Ion:276 Resp: 253701

Ion Ratio Lower Upper

276 100

138 16.2 17.8 26.6#

277 24.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 6.681 ng

RT: 22.968 min Scan# 3397

Delta R.T. 0.006 min

Lab File: BP009103.D

Acq: 10 Feb 2022 17:15

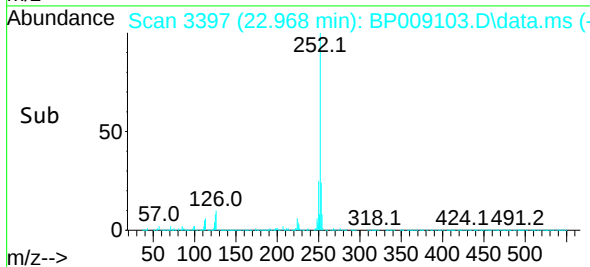
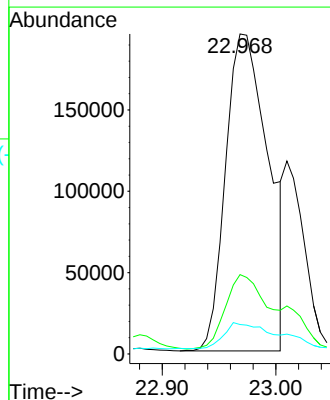
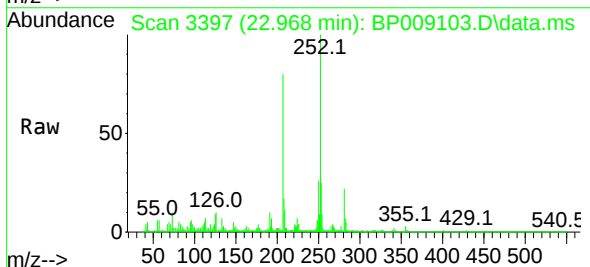
Tgt Ion:252 Resp: 508801

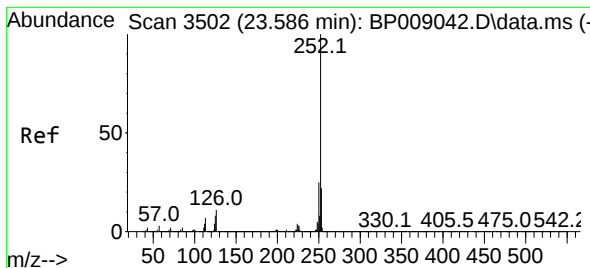
Ion Ratio Lower Upper

252 100

253 24.8 18.0 27.0

125 9.2 6.9 10.3





#90

Benzo(a)pyrene

Concen: 5.891 ng

RT: 23.592 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP009103.D

Acq: 10 Feb 2022 17:15

Instrument :

BNA_P

ClientSampleId :

B-1

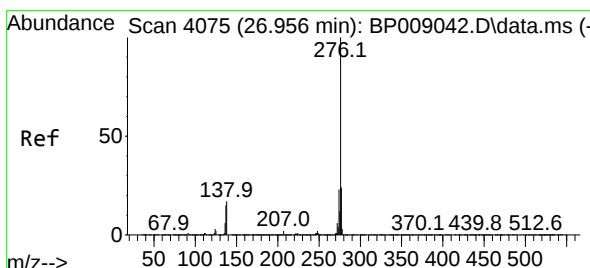
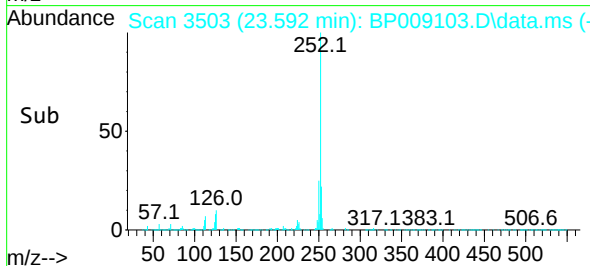
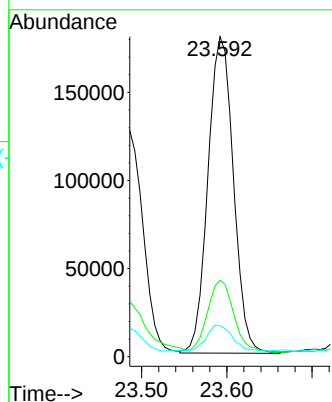
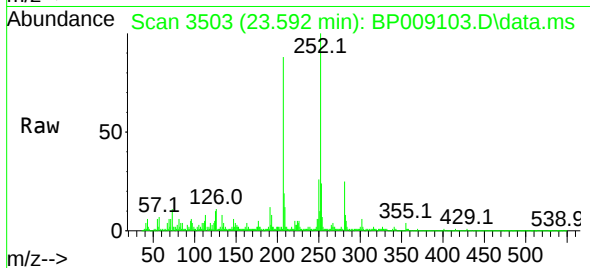
Tgt Ion:252 Resp: 374024

Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.8

125 9.6 7.8 11.6



#92

Benzo(g,h,i)perylene

Concen: 3.423 ng

RT: 26.980 min Scan# 4079

Delta R.T. 0.023 min

Lab File: BP009103.D

Acq: 10 Feb 2022 17:15

Tgt Ion:276 Resp: 257456

Ion Ratio Lower Upper

276 100

277 28.0 19.2 28.8

138 15.9 15.0 22.4

