

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
 Data File : BP008783.D
 Acq On : 12 Jan 2022 20:13
 Operator : CG/JU
 Sample : N1097-13 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3S

Quant Time: Jan 13 07:01:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 12 00:18:56 2022
 Response via : Initial Calibration

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

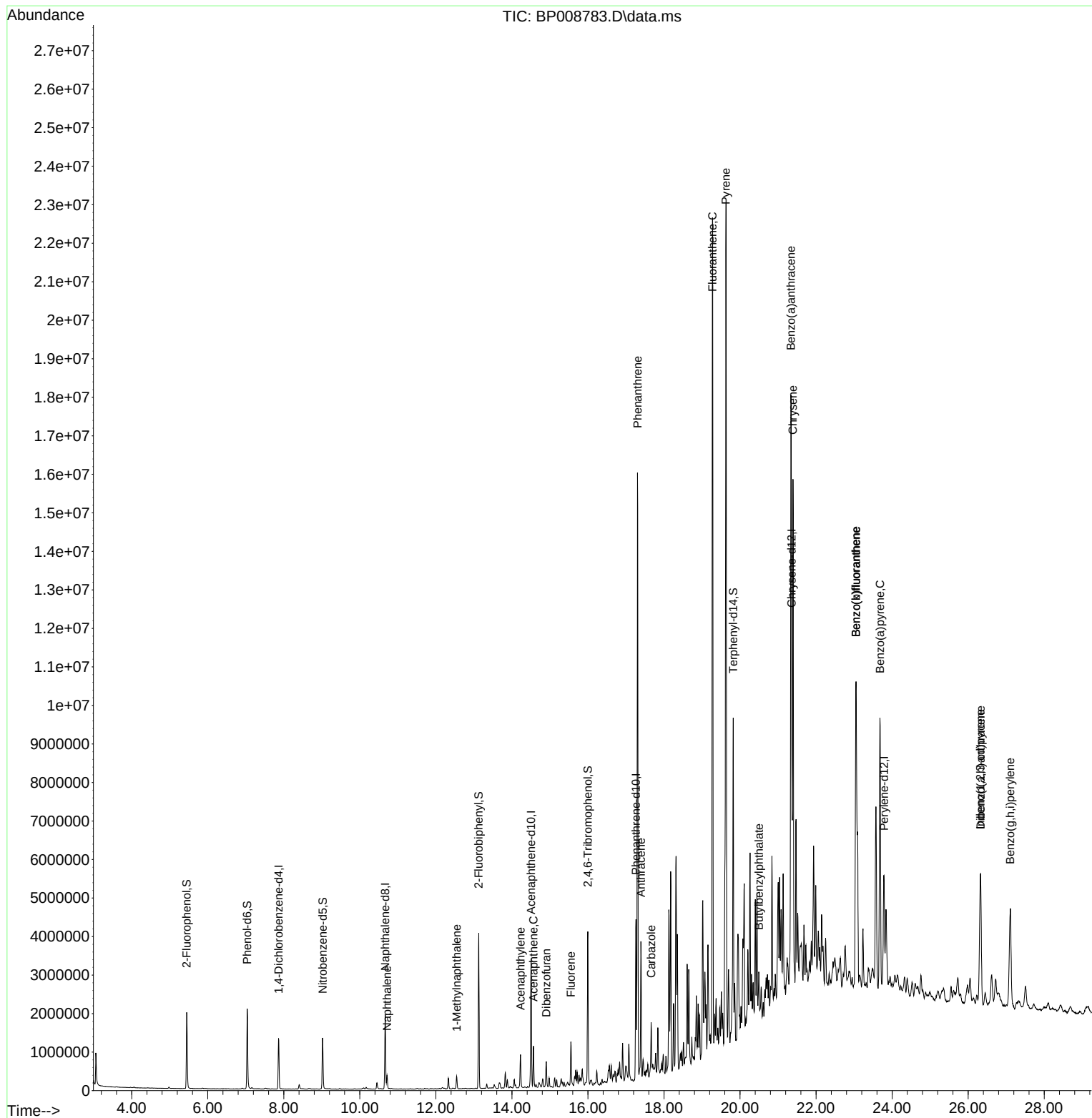
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	400022	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	1698860	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	1224609	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2761908	20.000	ng	0.00
76) Chrysene-d12	21.357	240	2474252	20.000	ng	0.01
86) Perylene-d12	23.786	264	2342765	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1032676	40.426	ng	0.00
7) Phenol-d6	7.040	99	1340067	39.078	ng	0.00
23) Nitrobenzene-d5	9.022	82	815514	27.186	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	756799	36.630	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	2199204	25.248	ng	0.00
79) Terphenyl-d14	19.821	244	3606441	29.703	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.716	128	290479	3.162	ng	99
38) 1-Methylnaphthalene	12.545	142	160305	2.388	ng	99
49) Acenaphthylene	14.228	152	622673	5.349	ng	99
52) Acenaphthene	14.569	154	387181	5.554	ng	100
55) Dibenzofuran	14.904	168	332997	2.896	ng	# 95
58) Fluorene	15.551	166	503177	5.437	ng	99
71) Phenanthrene	17.304	178	9895561	64.485	ng	98
72) Anthracene	17.392	178	2244537	14.323	ng	99
73) Carbazole	17.663	167	837377	5.830	ng	99
75) Fluoranthene	19.274	202	13259157	72.157	ng	96
78) Pyrene	19.627	202	14191954	87.722	ng	94
80) Butylbenzylphthalate	20.498	149	288609	4.363	ng	98
81) Benzo(a)anthracene	21.339	228	8034402	49.497	ng	98
83) Chrysene	21.392	228	7611177	48.607	ng	99
87) Indeno(1,2,3-cd)pyrene	26.321	276	3597357	19.217	ng	96
88) Benzo(b)fluoranthene	23.051	252	10106404	66.023	ng	98
89) Benzo(k)fluoranthene	23.051	252	10106404	70.546	ng	99
90) Benzo(a)pyrene	23.680	252	5777363	39.049	ng	98
91) Dibenzo(a,h)anthracene	26.327	278	1045096	6.607	ng	# 92
92) Benzo(g,h,i)perylene	27.109	276	3542747	22.564	ng	99

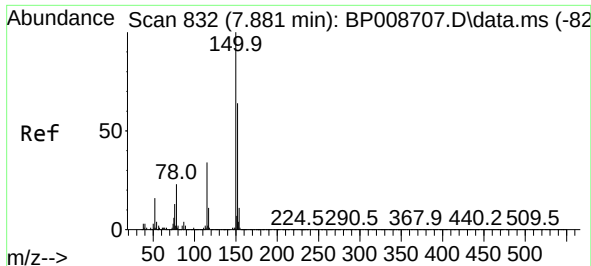
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
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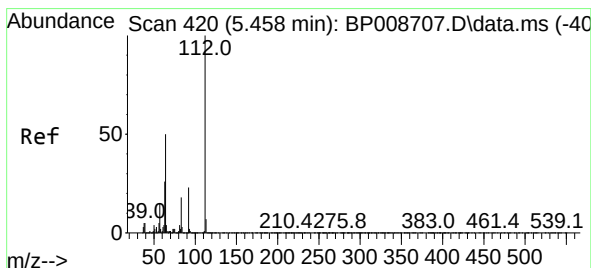
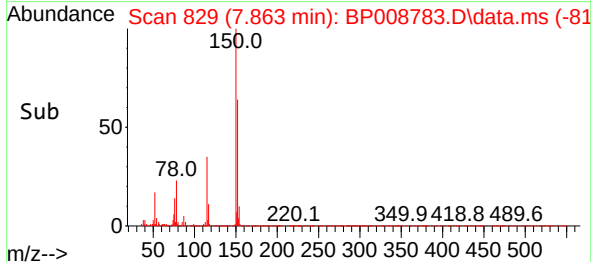
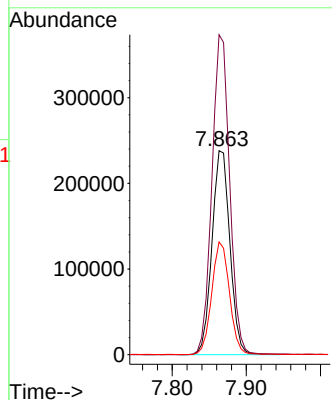
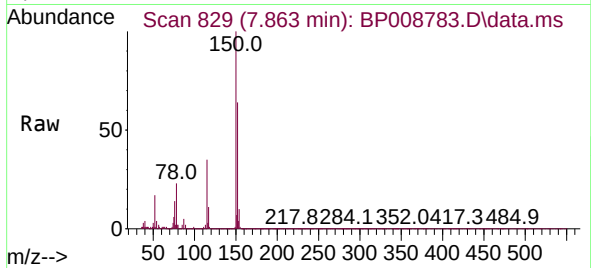




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

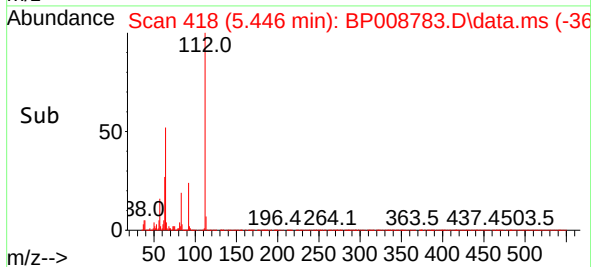
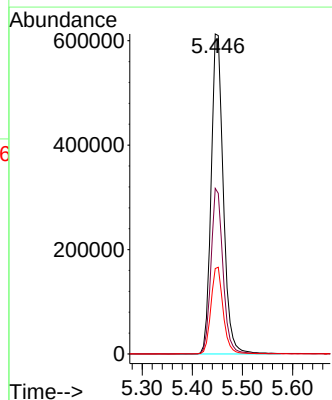
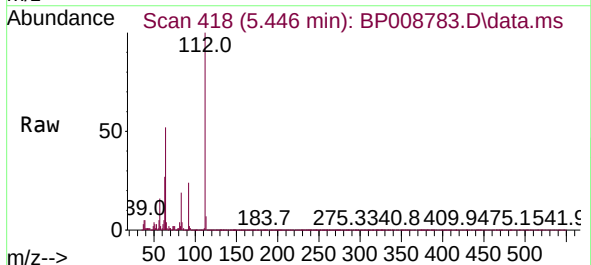
Instrument :
BNA_P
ClientSampleId :
TP-3S

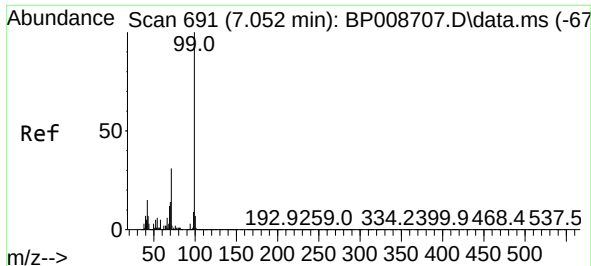
Tgt Ion:152 Resp: 400022
Ion Ratio Lower Upper
152 100
150 156.9 127.0 190.6
115 55.3 43.7 65.5



#5
2-Fluorophenol
Concen: 40.426 ng
RT: 5.446 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

Tgt Ion:112 Resp: 1032676
Ion Ratio Lower Upper
112 100
64 51.8 39.7 59.5
63 26.7 20.0 30.0

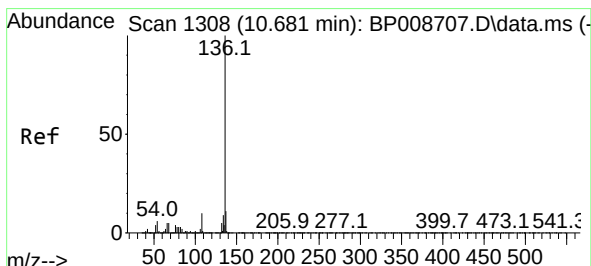
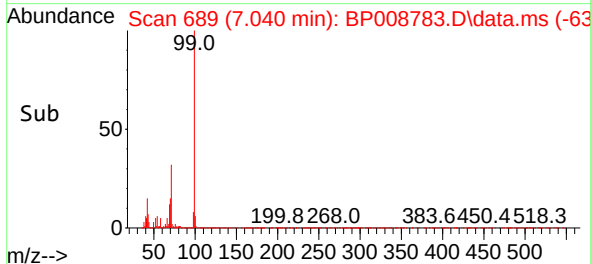
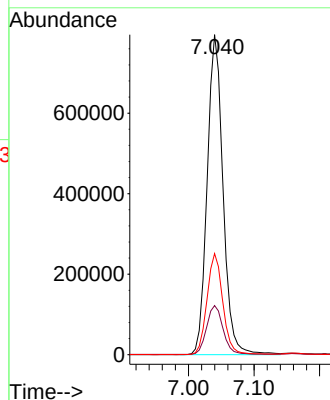
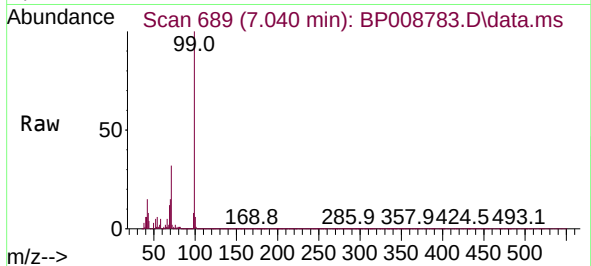




#7
Phenol-d6
Concen: 39.078 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

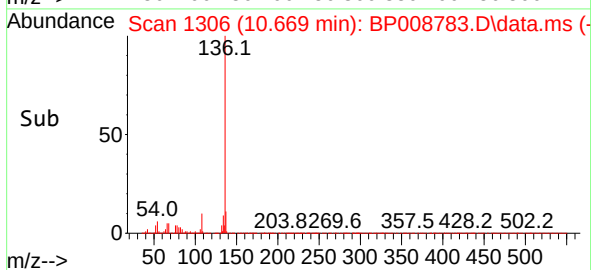
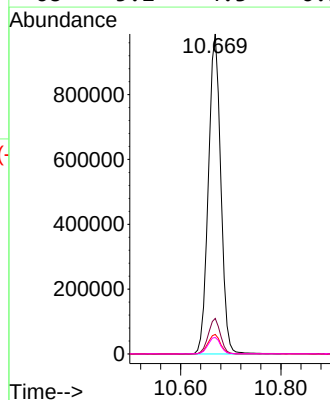
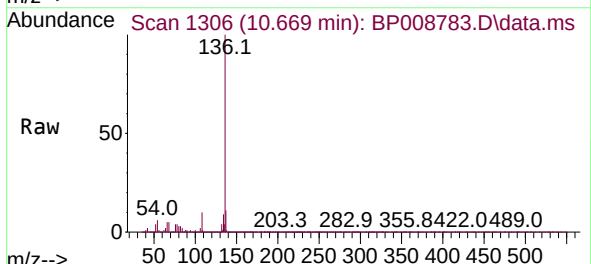
Instrument :
BNA_P
ClientSampleId :
TP-3S

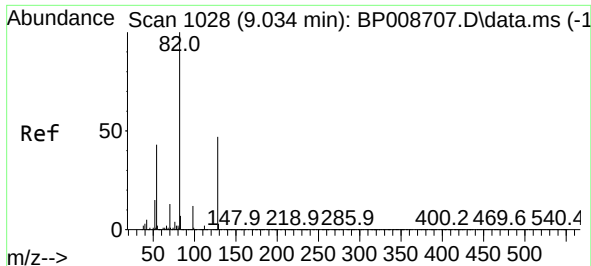
Tgt Ion: 99 Resp: 1340067
Ion Ratio Lower Upper
99 100
42 15.4 10.8 16.2
71 31.6 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

Tgt Ion: 136 Resp: 1698860
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.1 4.9 7.3
68 5.2 4.3 6.5

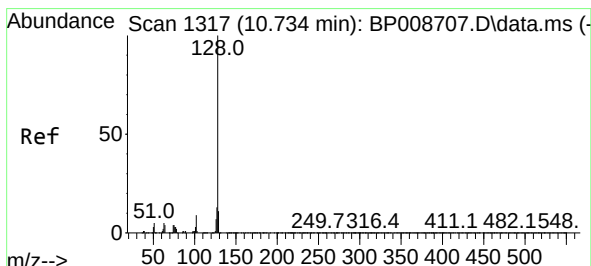
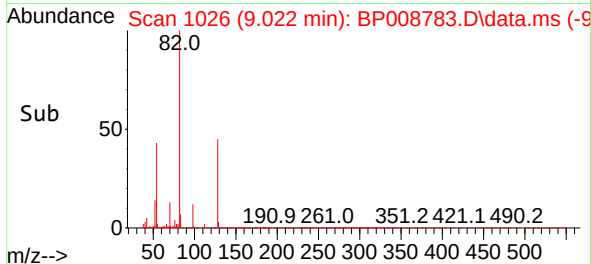
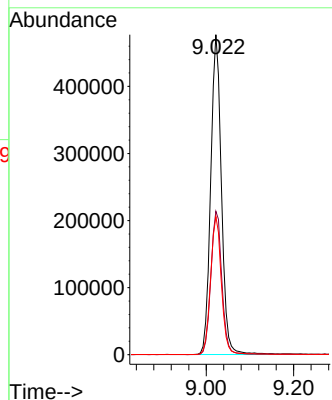
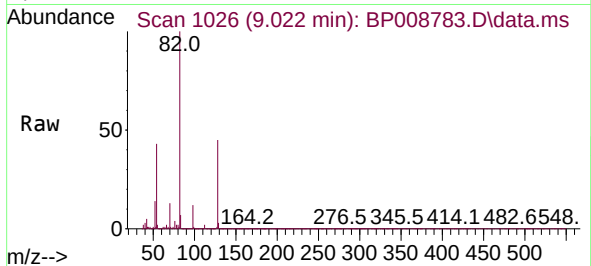




#23
Nitrobenzene-d5
Concen: 27.186 ng
RT: 9.022 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

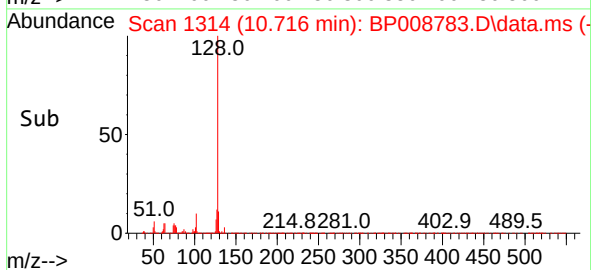
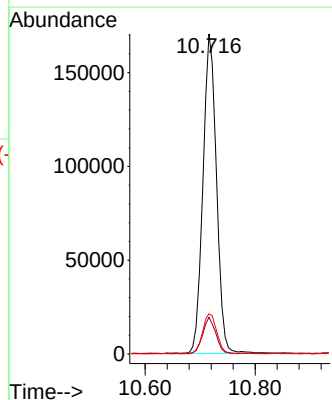
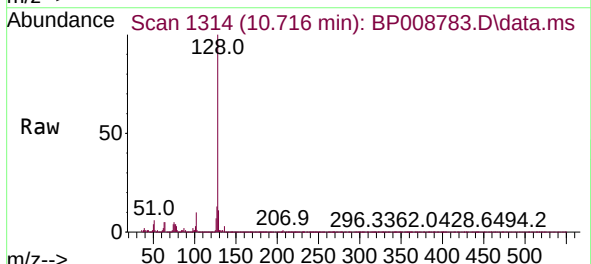
Instrument :
BNA_P
ClientSampleId :
TP-3S

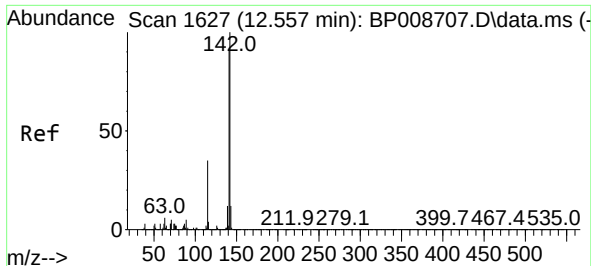
Tgt Ion: 82 Resp: 815514
Ion Ratio Lower Upper
82 100
128 44.8 39.4 59.2
54 43.2 32.6 48.8



#31
Naphthalene
Concen: 3.162 ng
RT: 10.716 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

Tgt Ion: 128 Resp: 290479
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 12.6 10.4 15.6

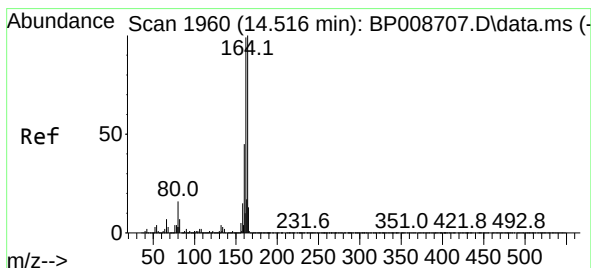
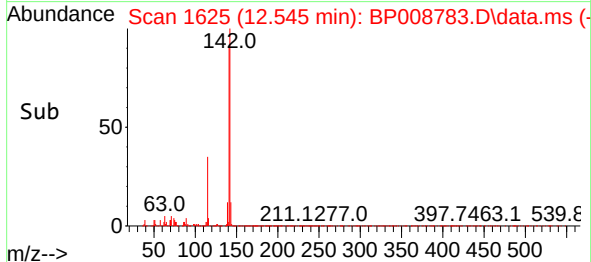
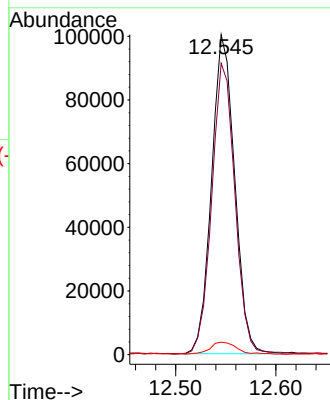
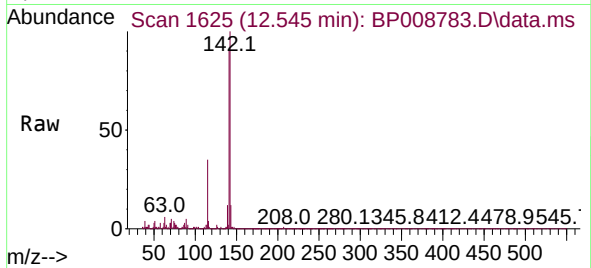




#38
1-Methylnaphthalene
Concen: 2.388 ng
RT: 12.545 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

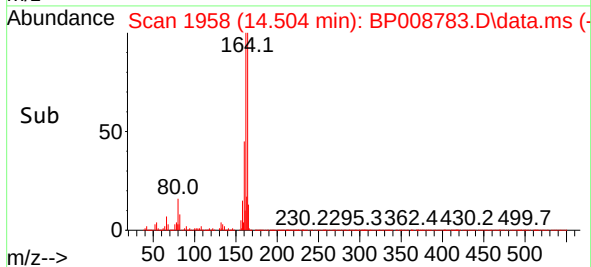
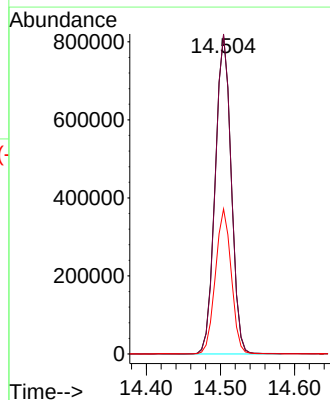
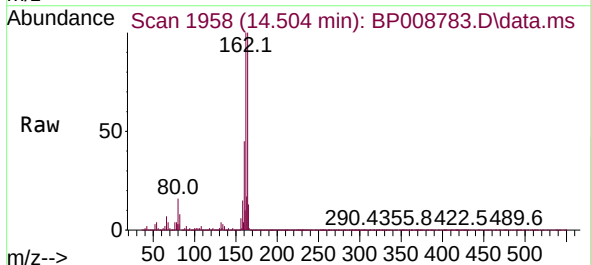
Instrument :
BNA_P
ClientSampleId :
TP-3S

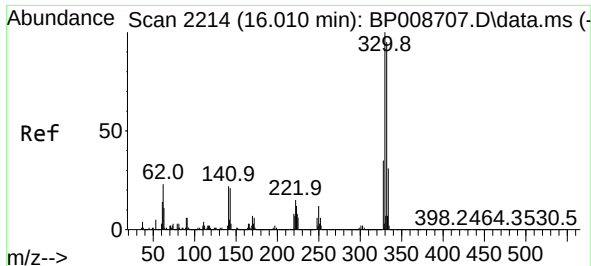
Tgt Ion:142 Resp: 160305
Ion Ratio Lower Upper
142 100
141 91.0 73.2 109.8
116 3.9 2.7 4.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

Tgt Ion:164 Resp: 1224609
Ion Ratio Lower Upper
164 100
162 100.4 79.9 119.9
160 45.5 35.5 53.3

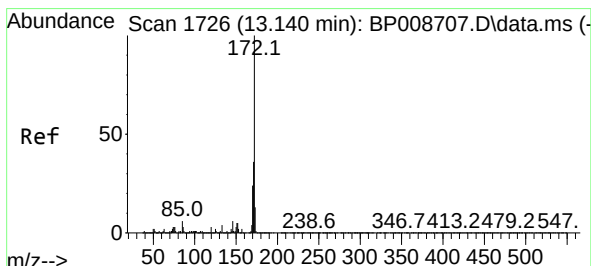
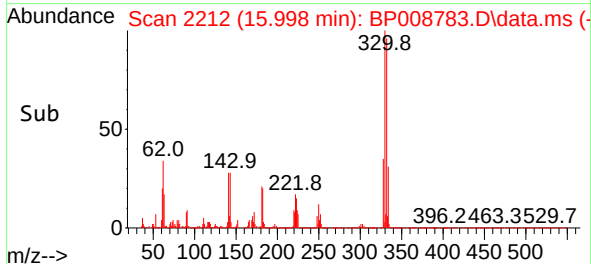
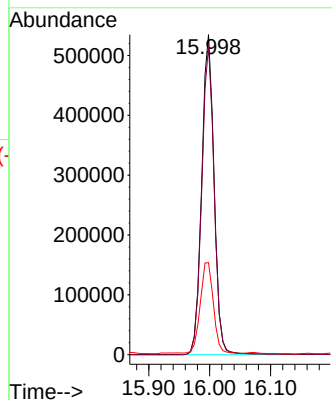
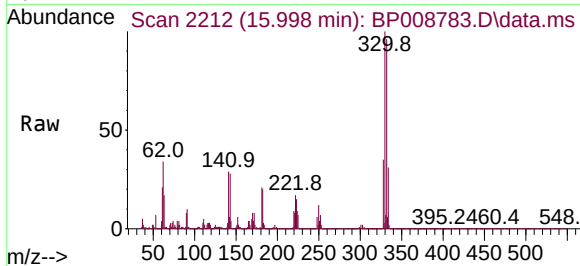




#42
2,4,6-Tribromophenol
Concen: 36.630 ng
RT: 15.998 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

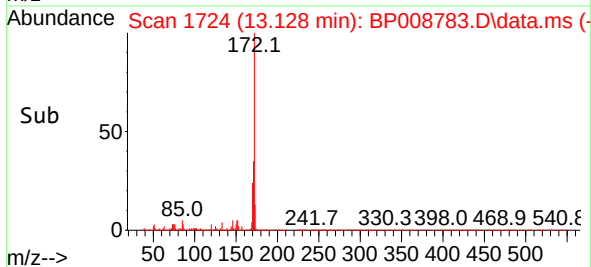
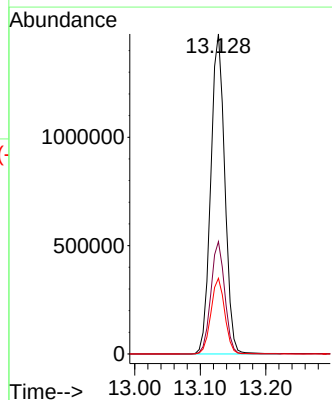
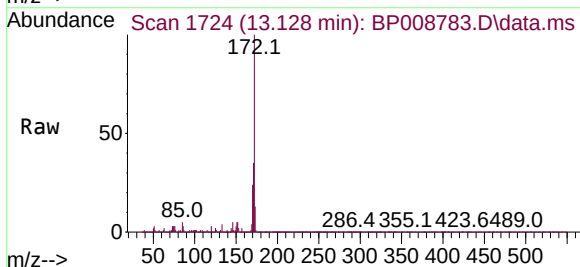
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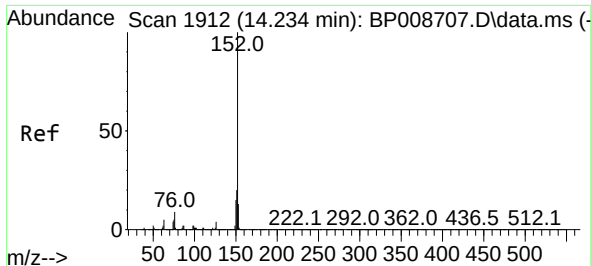
Tgt Ion:330 Resp: 756799
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 31.1 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 25.248 ng
RT: 13.128 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

Tgt Ion:172 Resp: 2199204
Ion Ratio Lower Upper
172 100
171 35.1 29.3 43.9
170 23.7 19.5 29.3

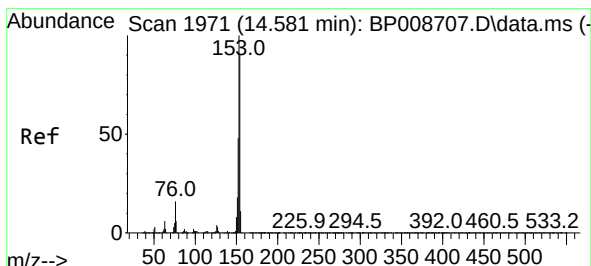
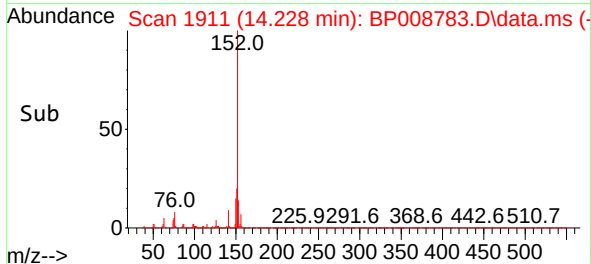
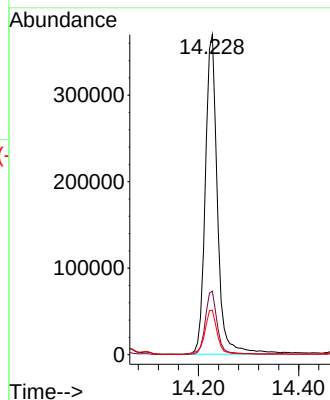
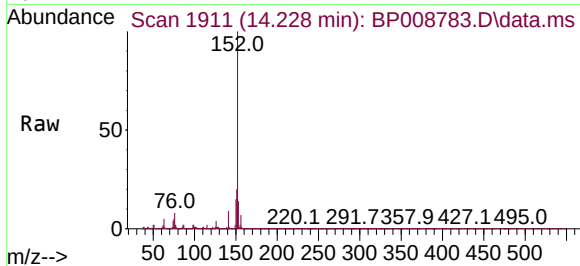




#49
Acenaphthylene
Concen: 5.349 ng
RT: 14.228 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

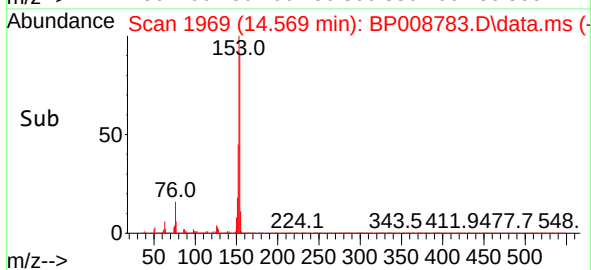
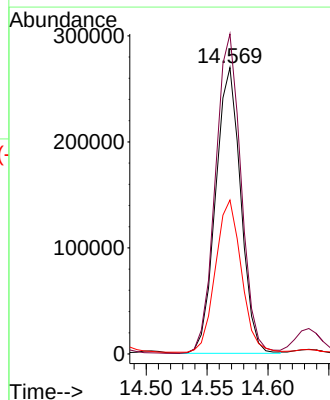
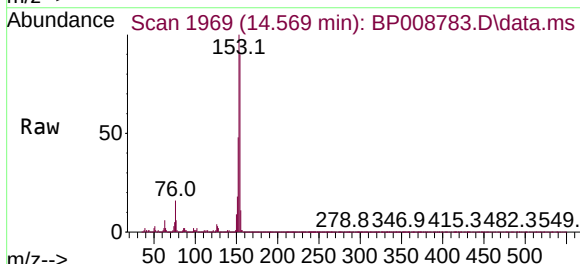
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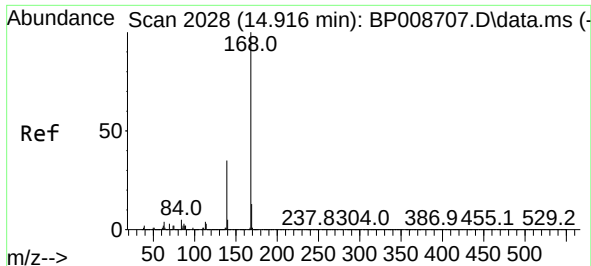
Tgt Ion:152 Resp: 622673
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.9 10.6 16.0



#52
Acenaphthene
Concen: 5.554 ng
RT: 14.569 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

Tgt Ion:154 Resp: 387181
Ion Ratio Lower Upper
154 100
153 111.7 89.4 134.2
152 53.7 42.6 63.8

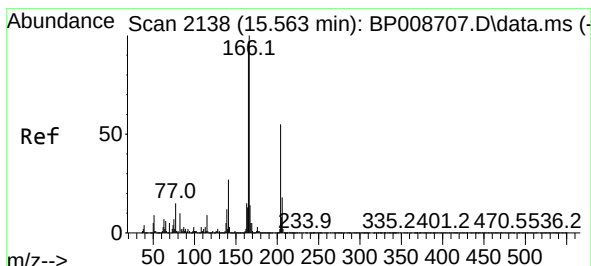
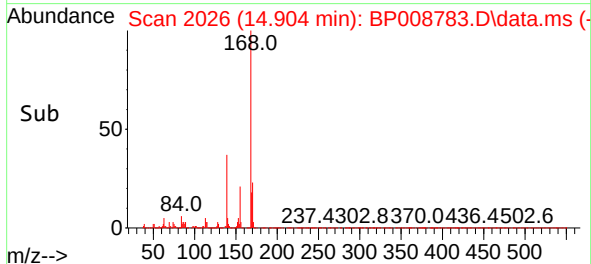
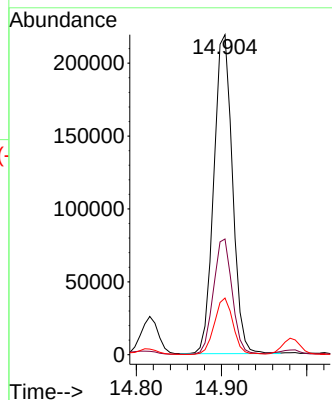
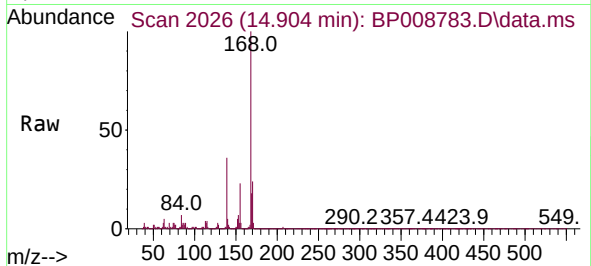




#55
Dibenzofuran
Concen: 2.896 ng
RT: 14.904 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

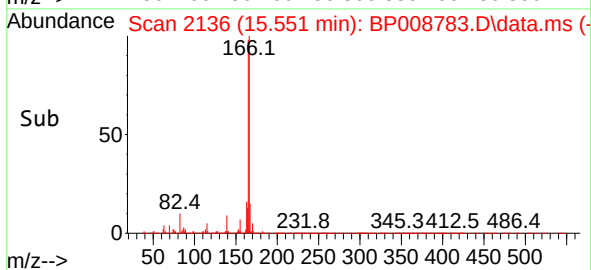
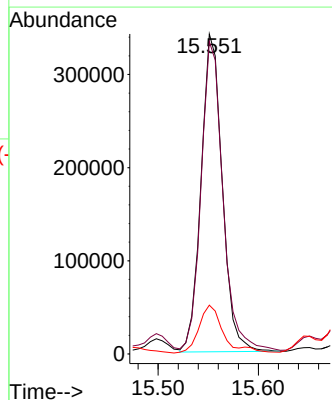
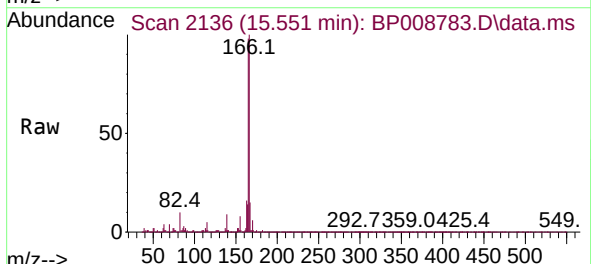
Instrument :
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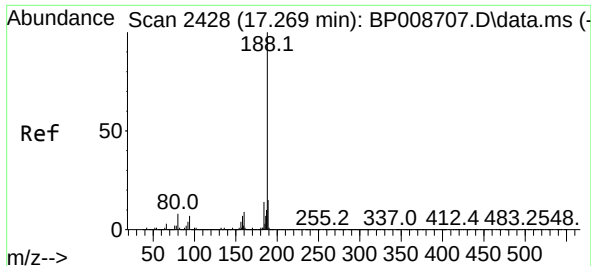
Tgt Ion:168 Resp: 332997
Ion Ratio Lower Upper
168 100
139 36.2 27.4 41.0
169 17.7 10.9 16.3#



#58
Fluorene
Concen: 5.437 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

Tgt Ion:166 Resp: 503177
Ion Ratio Lower Upper
166 100
165 97.7 77.2 115.8
167 15.2 11.2 16.8

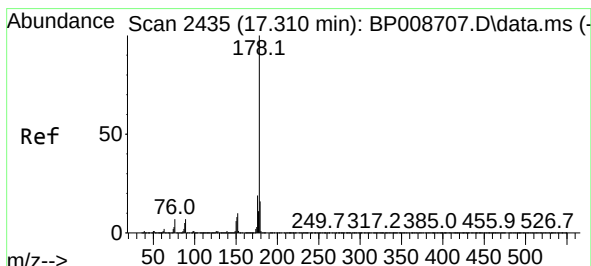
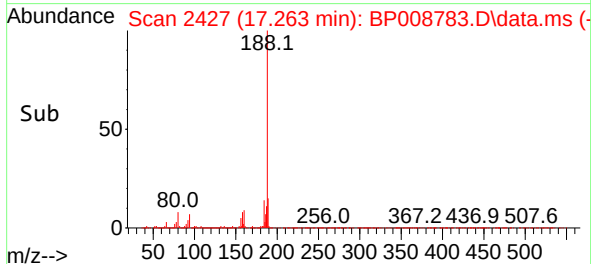
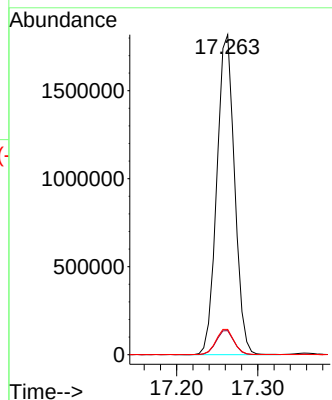
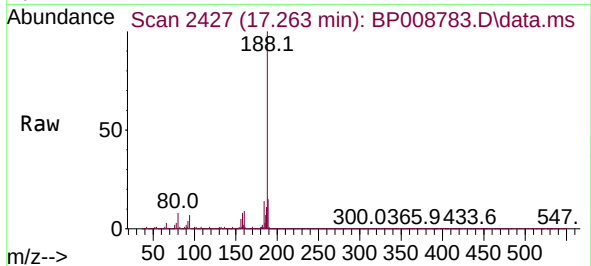




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2427
Delta R.T. 0.006 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

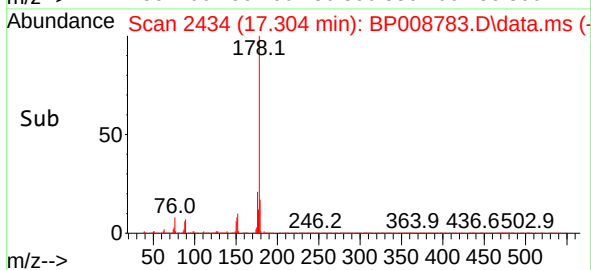
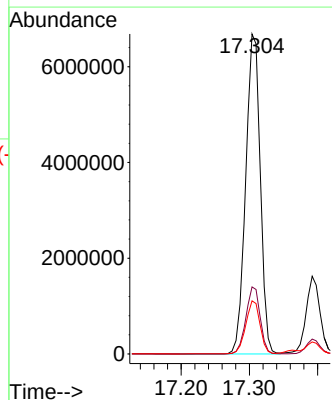
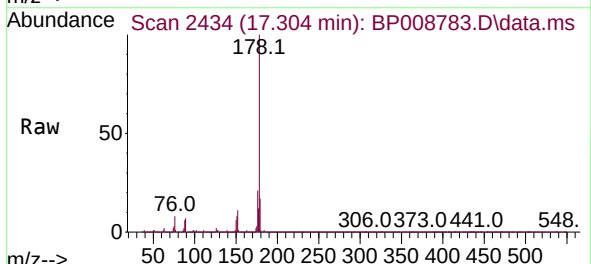
Instrument :
BNA_P
ClientSampleId :
TP-3S

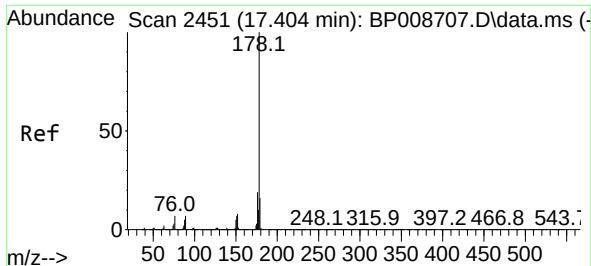
Tgt Ion:188 Resp: 2761908
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 7.9 7.2 10.8



#71
Phenanthrene
Concen: 64.485 ng
RT: 17.304 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

Tgt Ion:178 Resp: 9895561
Ion Ratio Lower Upper
178 100
176 20.9 16.0 24.0
179 16.6 13.0 19.4

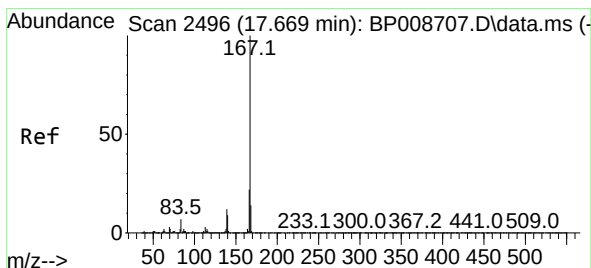
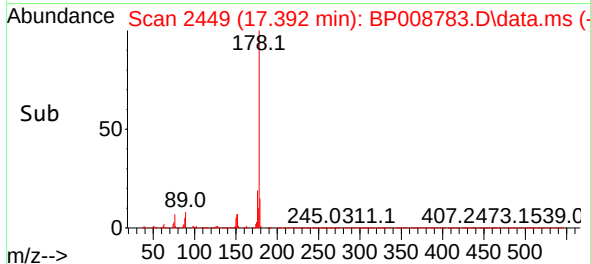
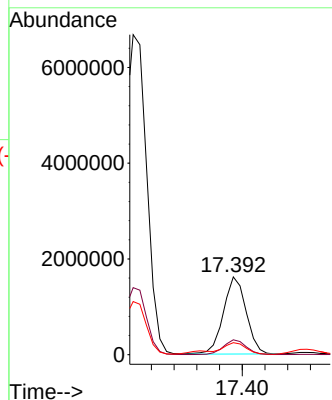
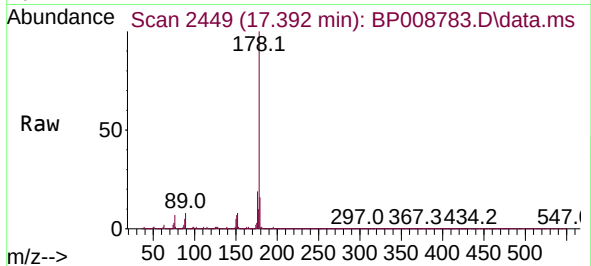




#72
Anthracene
Concen: 14.323 ng
RT: 17.392 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

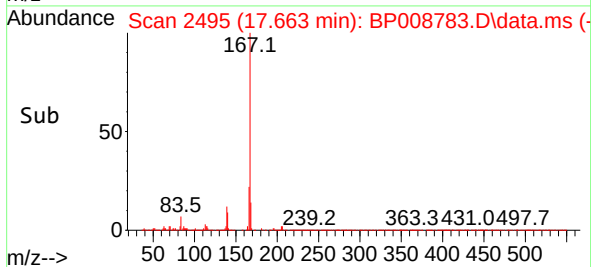
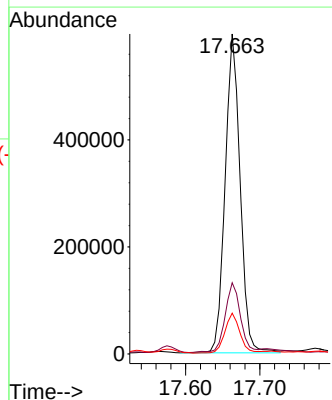
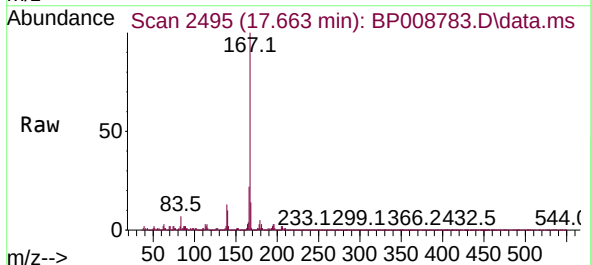
Instrument :
BNA_P
ClientSampleId :
TP-3S

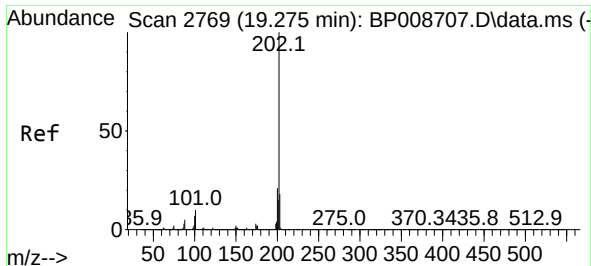
Tgt Ion:178 Resp: 2244537
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.6 12.8 19.2



#73
Carbazole
Concen: 5.830 ng
RT: 17.663 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

Tgt Ion:167 Resp: 837377
Ion Ratio Lower Upper
167 100
166 22.2 17.7 26.5
139 12.8 9.8 14.6

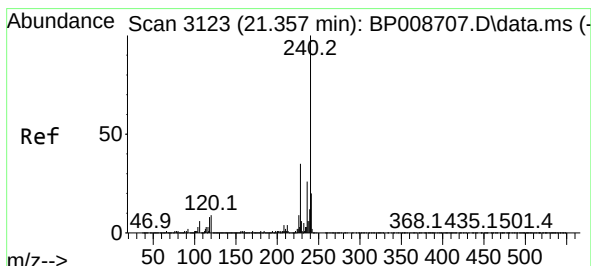
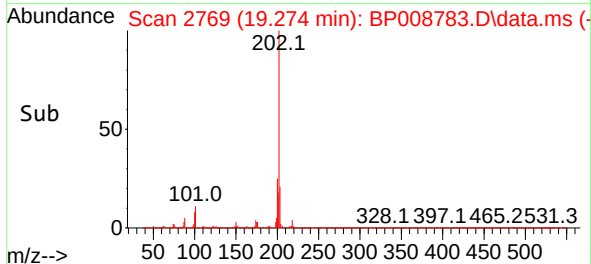
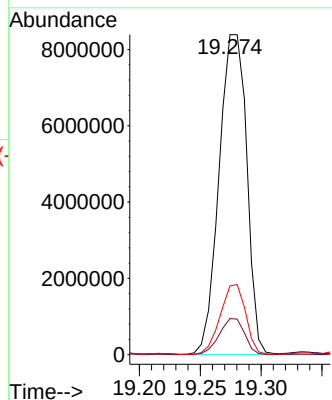
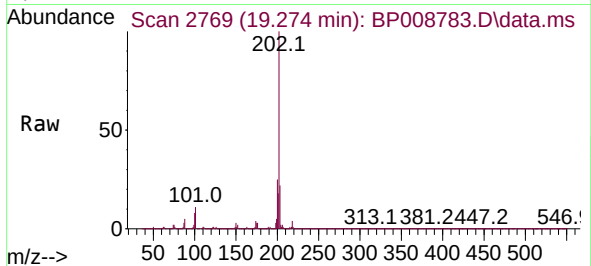




#75
Fluoranthene
Concen: 72.157 ng
RT: 19.274 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

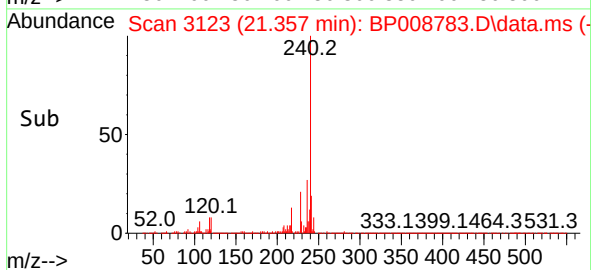
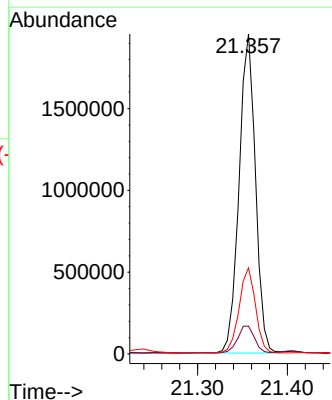
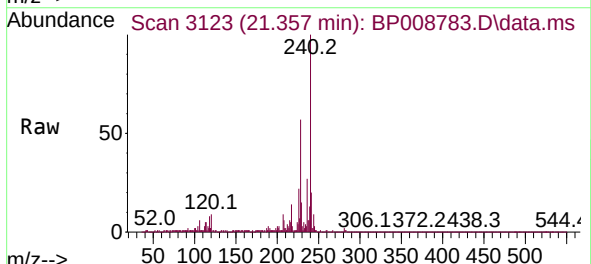
Instrument :
BNA_P
ClientSampleId :
TP-3S

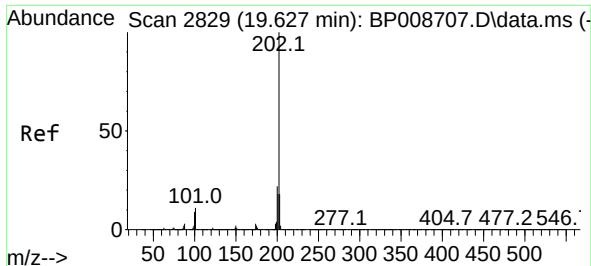
Tgt Ion:202 Resp:13259157
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.7
203 21.5 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3123
Delta R.T. 0.011 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

Tgt Ion:240 Resp: 2474252
Ion Ratio Lower Upper
240 100
120 8.7 7.7 11.5
236 26.9 21.2 31.8

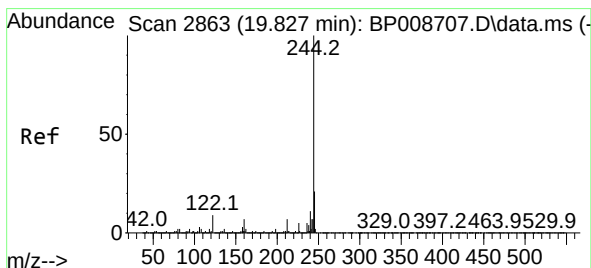
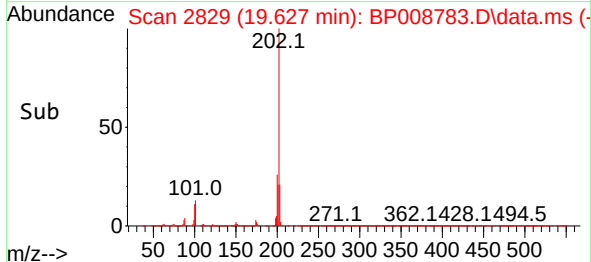
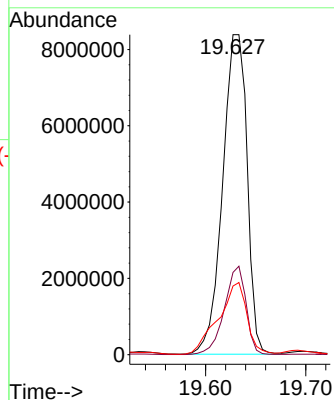
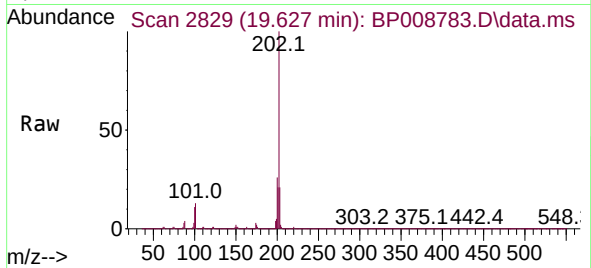




#78
Pyrene
Concen: 87.722 ng
RT: 19.627 min Scan# 2829
Delta R.T. 0.006 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

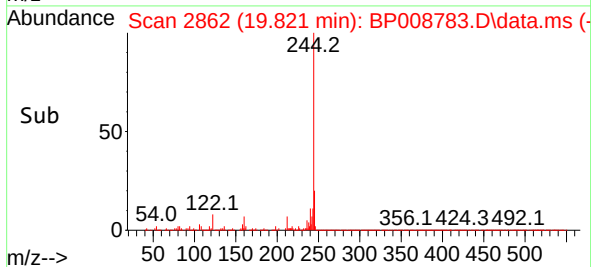
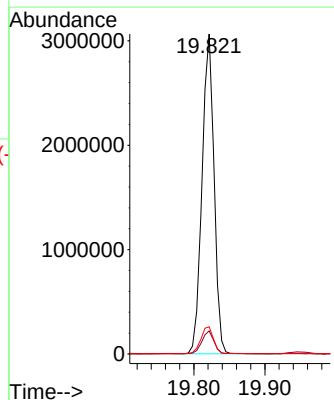
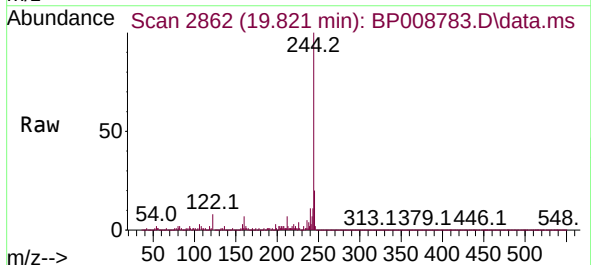
Instrument :
BNA_P
ClientSampleId :
TP-3S

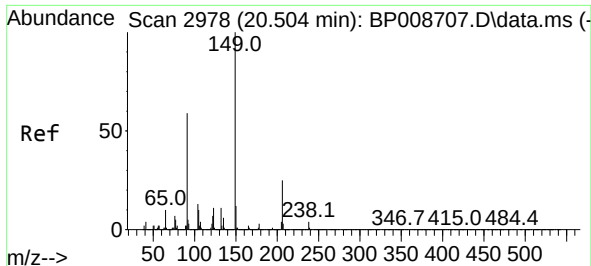
Tgt Ion:202 Resp:14191954
Ion Ratio Lower Upper
202 100
200 25.7 18.0 27.0
203 21.4 15.0 22.6



#79
Terphenyl-d14
Concen: 29.703 ng
RT: 19.821 min Scan# 2862
Delta R.T. 0.006 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

Tgt Ion:244 Resp: 3606441
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 8.5 9.2 13.8#

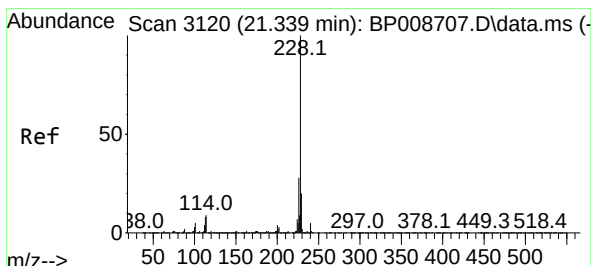
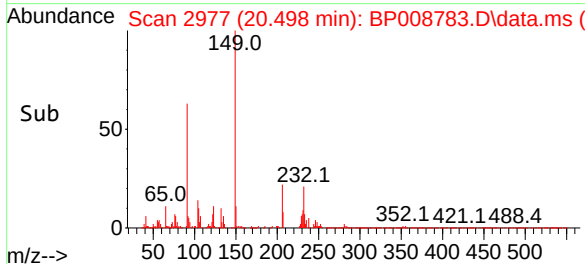
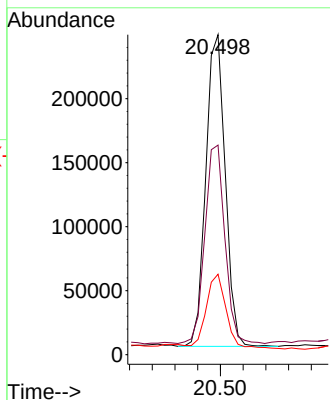
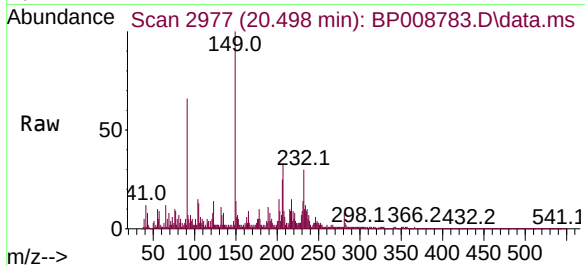




#80
Butylbenzylphthalate
Concen: 4.363 ng
RT: 20.498 min Scan# 2978
Delta R.T. 0.006 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

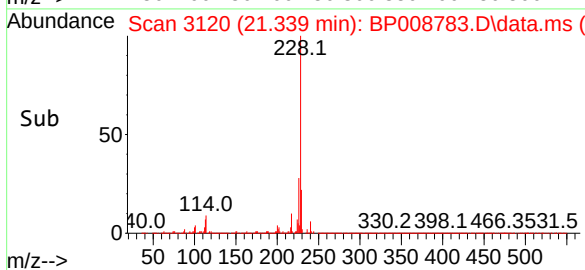
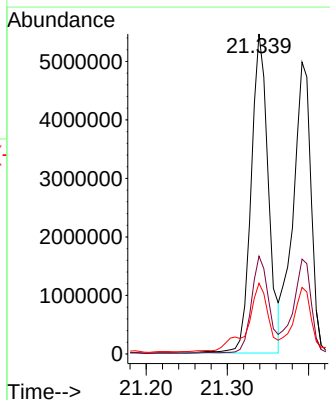
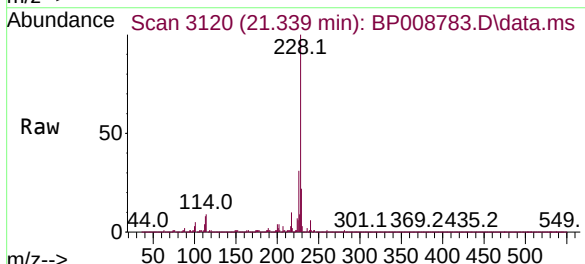
Instrument :
BNA_P
ClientSampleId :
TP-3S

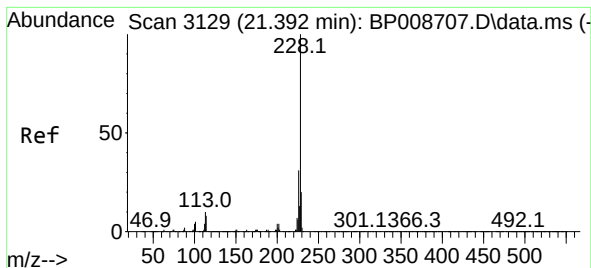
Tgt Ion:149 Resp: 288609
Ion Ratio Lower Upper
149 100
91 65.5 50.6 76.0
206 25.2 19.7 29.5



#81
Benzo(a)anthracene
Concen: 49.497 ng
RT: 21.339 min Scan# 3120
Delta R.T. 0.006 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

Tgt Ion:228 Resp: 8034402
Ion Ratio Lower Upper
228 100
226 30.6 23.3 34.9
229 22.1 17.0 25.6





#83

Chrysene

Concen: 48.607 ng

RT: 21.392 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BP008783.D

Acq: 12 Jan 2022 20:13

Instrument :

BNA_P

ClientSampleId :

TP-3S

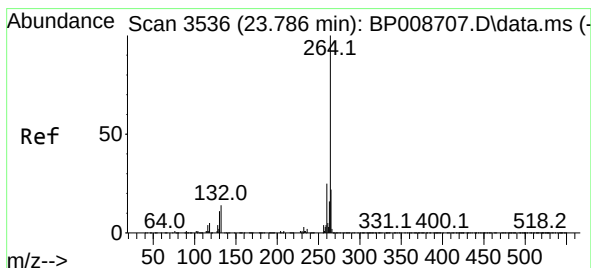
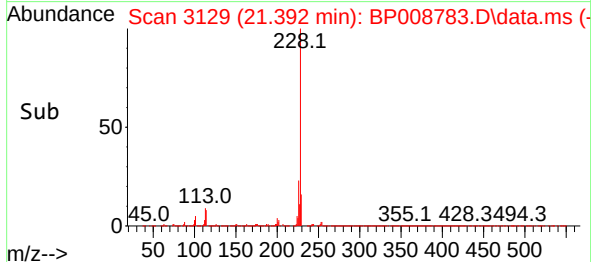
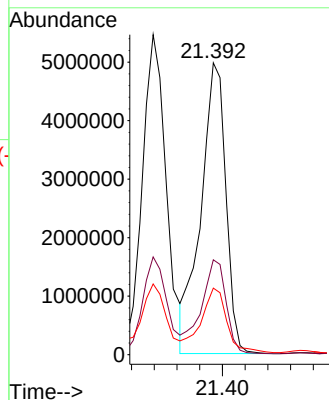
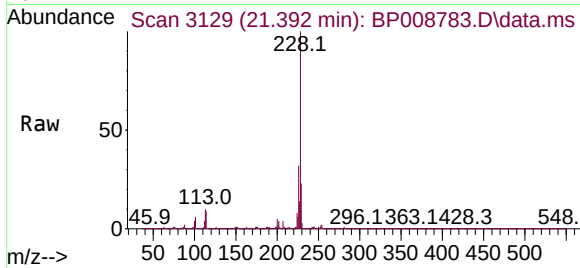
Tgt Ion:228 Resp: 7611177

Ion Ratio Lower Upper

228 100

226 32.5 26.0 39.0

229 22.8 16.9 25.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.786 min Scan# 3536

Delta R.T. 0.017 min

Lab File: BP008783.D

Acq: 12 Jan 2022 20:13

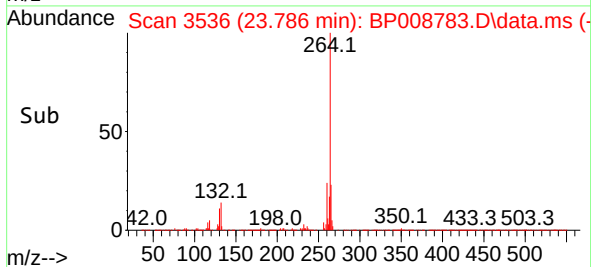
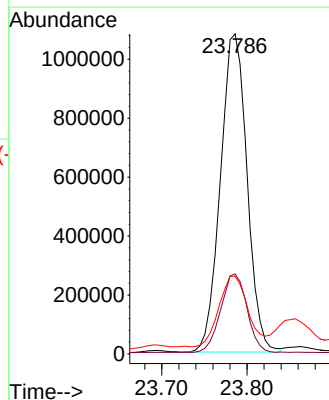
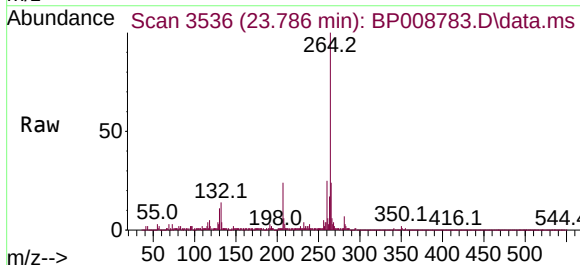
Tgt Ion:264 Resp: 2342765

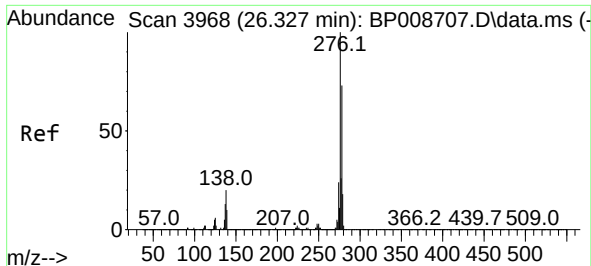
Ion Ratio Lower Upper

264 100

260 25.0 19.1 28.7

265 24.3 17.1 25.7

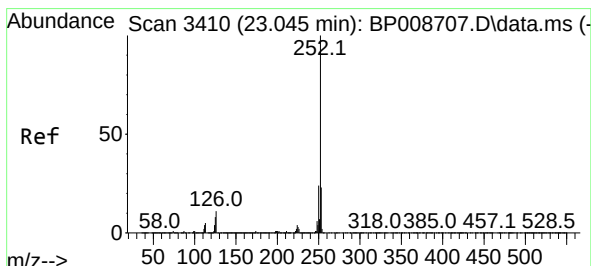
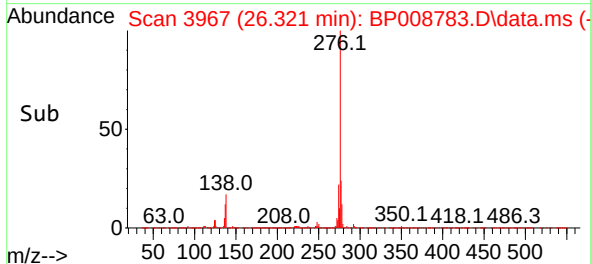
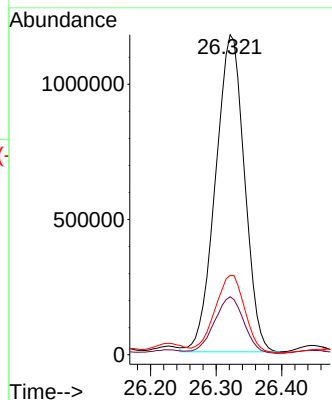
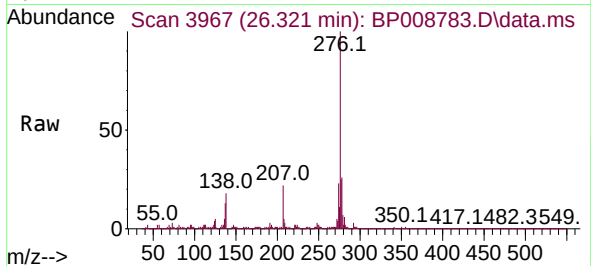




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 19.217 ng
 RT: 26.321 min Scan# 3968
 Delta R.T. 0.023 min
 Lab File: BP008783.D
 Acq: 12 Jan 2022 20:13

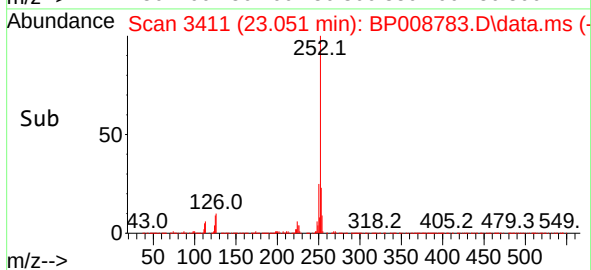
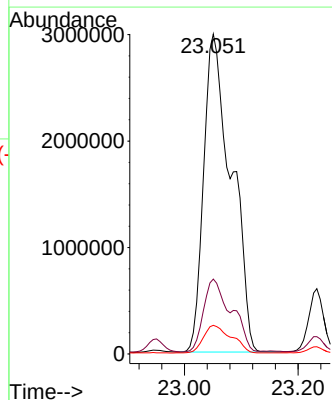
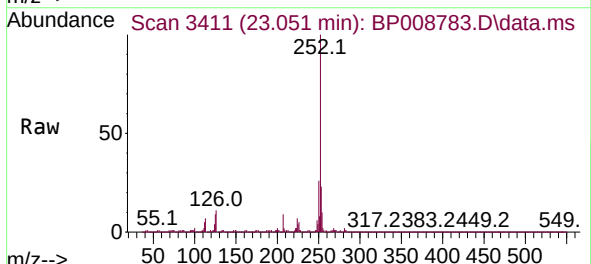
Instrument :
 BNA_P
 ClientSampleId :
 TP-3S

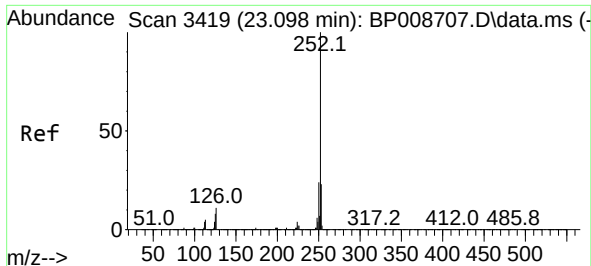
Tgt Ion:276 Resp: 3597357
 Ion Ratio Lower Upper
 276 100
 138 18.2 17.8 26.6
 277 25.1 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 66.023 ng
 RT: 23.051 min Scan# 3411
 Delta R.T. 0.023 min
 Lab File: BP008783.D
 Acq: 12 Jan 2022 20:13

Tgt Ion:252 Resp:10106404
 Ion Ratio Lower Upper
 252 100
 253 23.4 18.0 27.0
 125 9.0 6.9 10.3

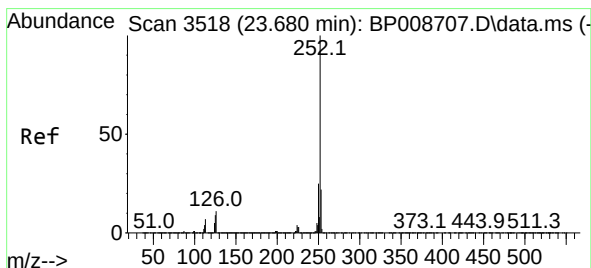
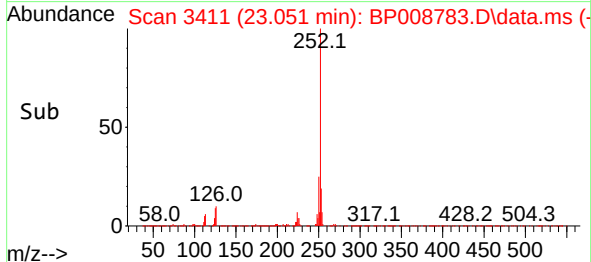
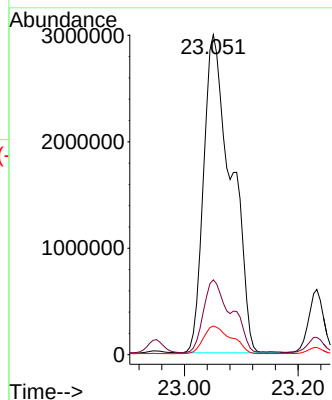
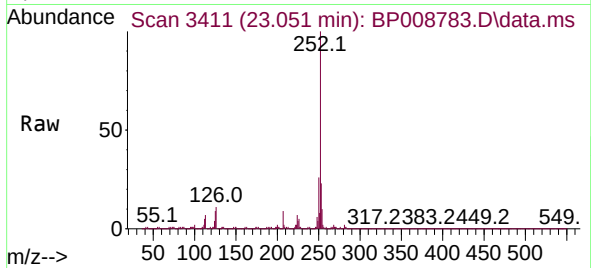




#89
Benzo(k)fluoranthene
Concen: 70.546 ng
RT: 23.051 min Scan# 3419
Delta R.T. -0.030 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

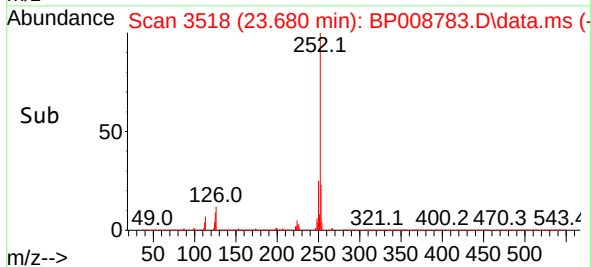
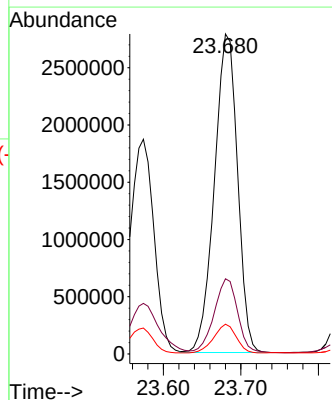
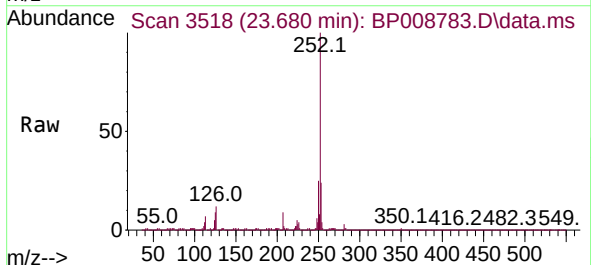
Instrument :
BNA_P
ClientSampleId :
TP-3S

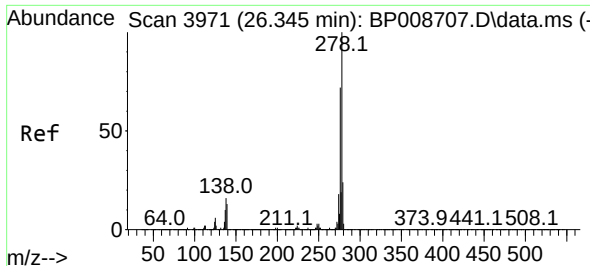
Tgt Ion:252 Resp:10106404
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.2
125 9.0 7.3 10.9



#90
Benzo(a)pyrene
Concen: 39.049 ng
RT: 23.680 min Scan# 3518
Delta R.T. 0.017 min
Lab File: BP008783.D
Acq: 12 Jan 2022 20:13

Tgt Ion:252 Resp: 5777363
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 9.3 7.8 11.6

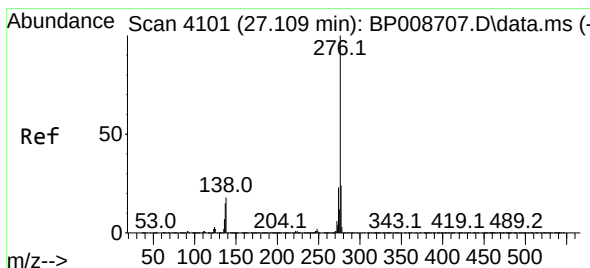
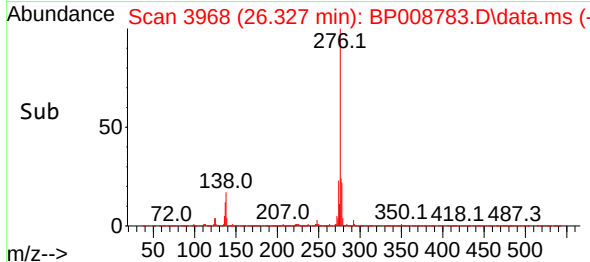
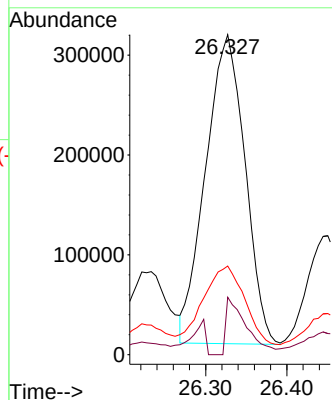
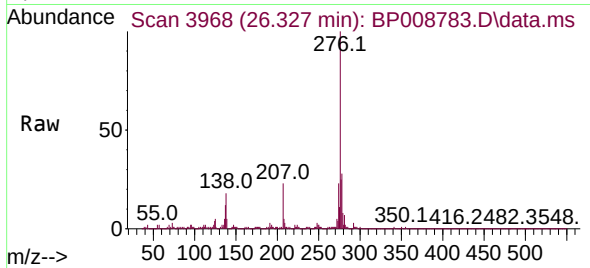




#91
 Dibenzo(a,h)anthracene
 Concen: 6.607 ng
 RT: 26.327 min Scan# 3971
 Delta R.T. 0.011 min
 Lab File: BP008783.D
 Acq: 12 Jan 2022 20:13

Instrument :
 BNA_P
 ClientSampleId :
 TP-3S

Tgt Ion:278 Resp: 1045096
 Ion Ratio Lower Upper
 278 100
 139 17.9 11.5 17.3#
 279 27.7 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 22.564 ng
 RT: 27.109 min Scan# 4101
 Delta R.T. 0.035 min
 Lab File: BP008783.D
 Acq: 12 Jan 2022 20:13

Tgt Ion:276 Resp: 3542747
 Ion Ratio Lower Upper
 276 100
 277 24.5 19.2 28.8
 138 18.7 15.0 22.4

