

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123021\
 Data File : BP008608.D
 Acq On : 30 Dec 2021 13:57
 Operator : CG/JU
 Sample : M5210-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 R206

Quant Time: Dec 30 14:29:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 08:44:33 2021
 Response via : Initial Calibration

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

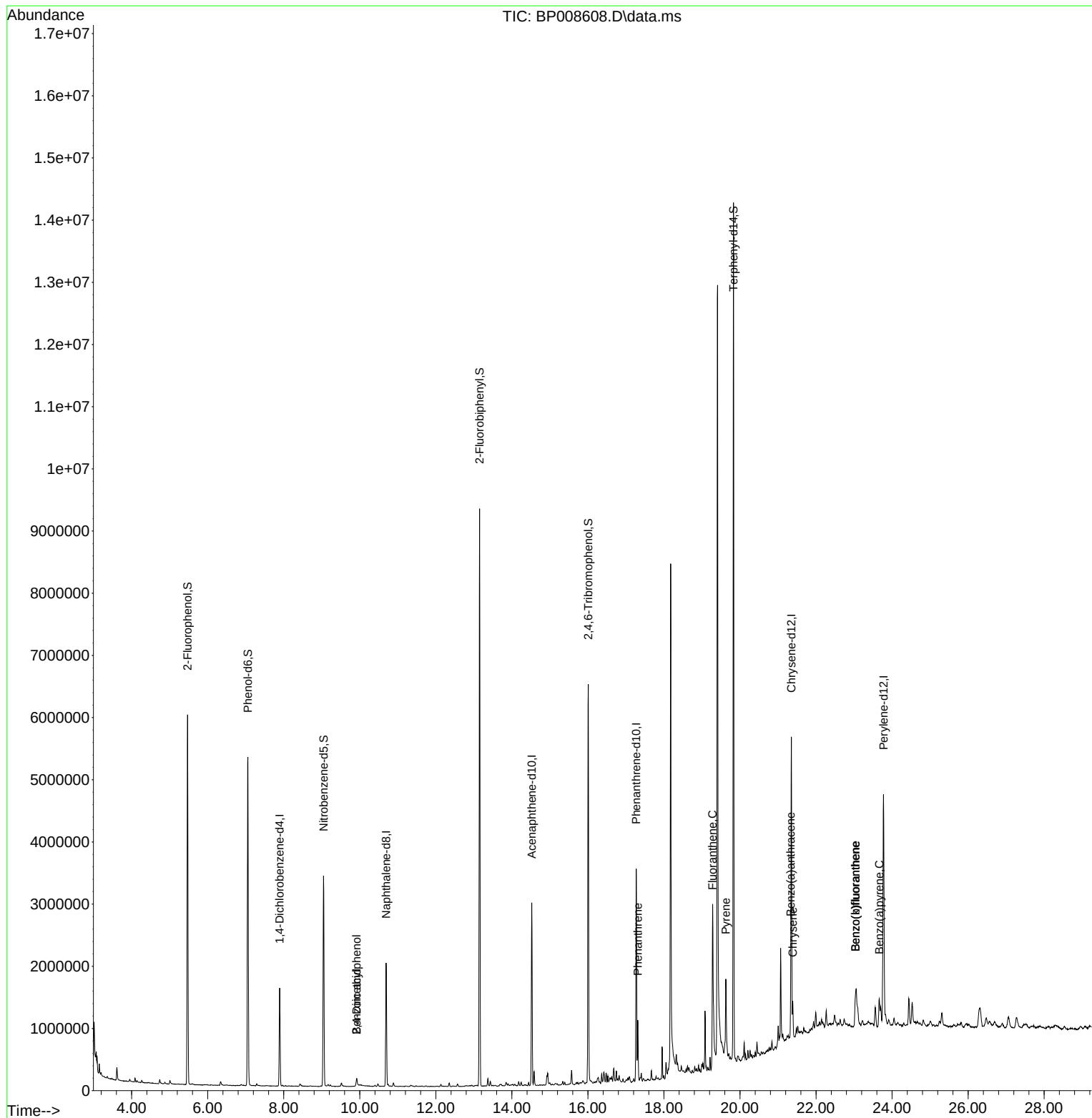
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	482014	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	1778618	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	1080749	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	2152494	20.000	ng	0.00
76) Chrysene-d12	21.351	240	2299341	20.000	ng	-0.01
86) Perylene-d12	23.774	264	2972062	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	2883214	109.180	ng	0.00
7) Phenol-d6	7.058	99	3466132	94.298	ng	0.00
23) Nitrobenzene-d5	9.046	82	2016642	67.450	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	1437534	98.312	ng	0.00
45) 2-Fluorobiphenyl	13.152	172	5025936	67.376	ng	0.00
79) Terphenyl-d14	19.828	244	6576063	58.395	ng	0.00
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	9.916	122	79724	3.267	ng	# 5
32) Benzoic acid	9.916	122	79724	5.172	ng	97
71) Phenanthrene	17.310	178	667002	5.748	ng	98
75) Fluoranthene	19.275	202	765557	5.735	ng	98
78) Pyrene	19.628	202	662496	4.429	ng	98
81) Benzo(a)anthracene	21.333	228	330948	2.219	ng	99
83) Chrysene	21.386	228	344627	2.471	ng	97
88) Benzo(b)fluoranthene	23.033	252	507460	2.655	ng	97
89) Benzo(k)fluoranthene	23.033	252	507460	2.671	ng	98
90) Benzo(a)pyrene	23.663	252	340071	2.207	ng	98

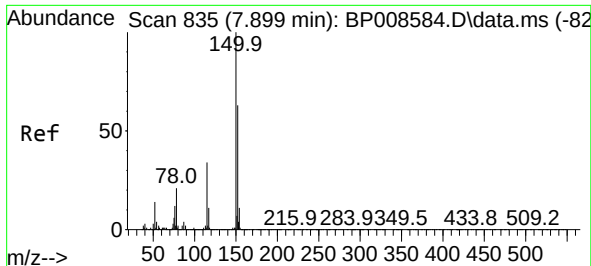
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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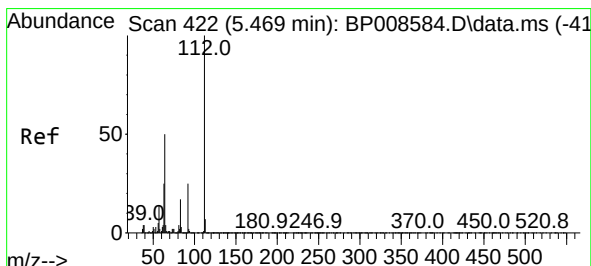
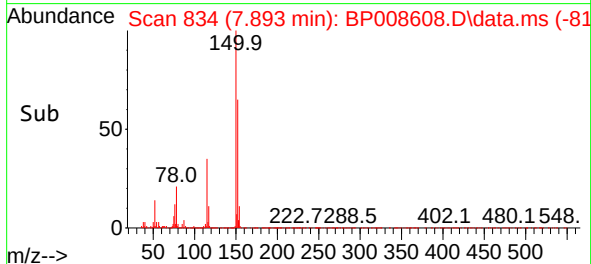
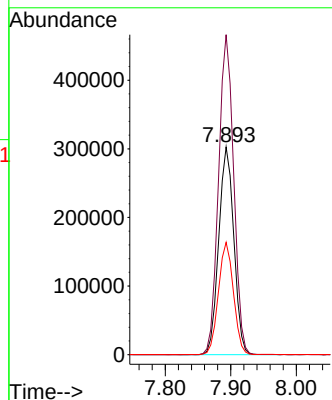
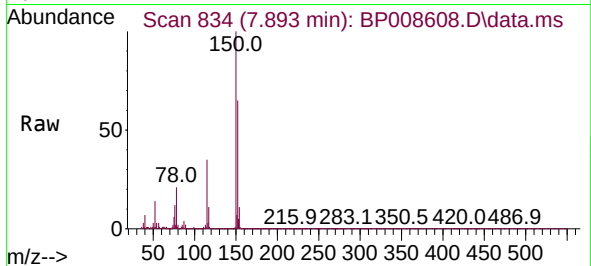




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008608.D
Acq: 30 Dec 2021 13:57

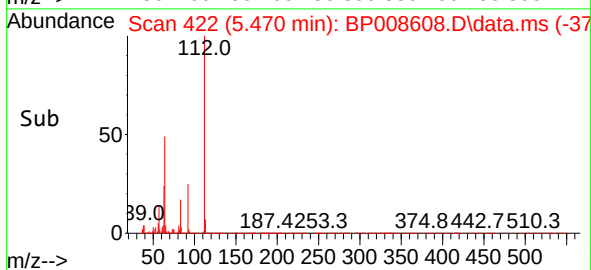
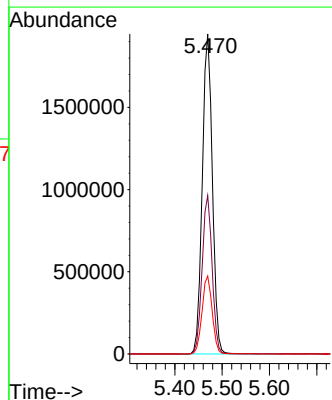
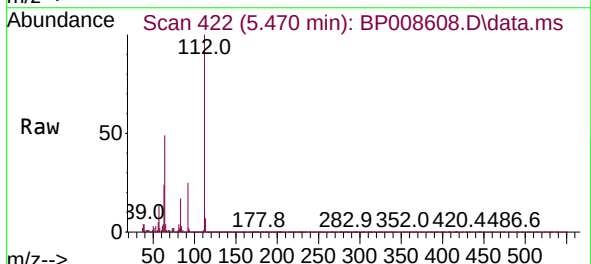
Instrument :
BNA_P
ClientSampleId :
R206

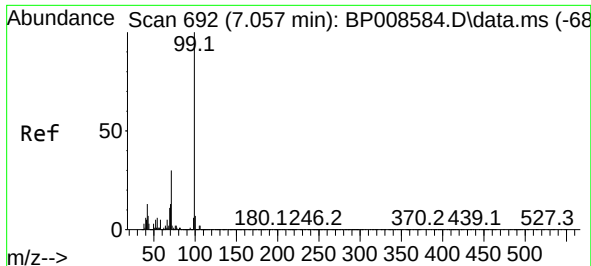
Tgt Ion:152 Resp: 482014
Ion Ratio Lower Upper
152 100
150 154.1 127.0 190.6
115 54.1 43.7 65.5



#5
2-Fluorophenol
Concen: 109.180 ng
RT: 5.470 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP008608.D
Acq: 30 Dec 2021 13:57

Tgt Ion:112 Resp: 2883214
Ion Ratio Lower Upper
112 100
64 49.5 39.7 59.5
63 24.3 20.0 30.0



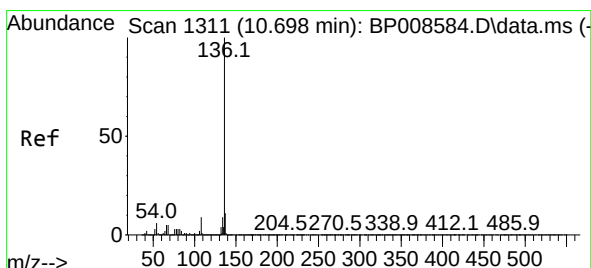
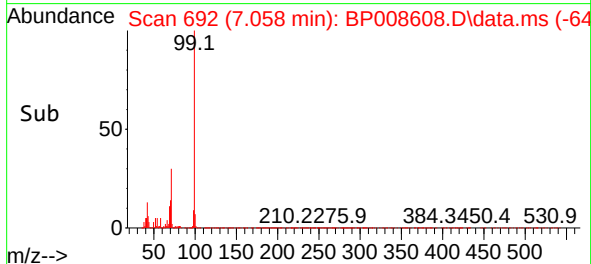
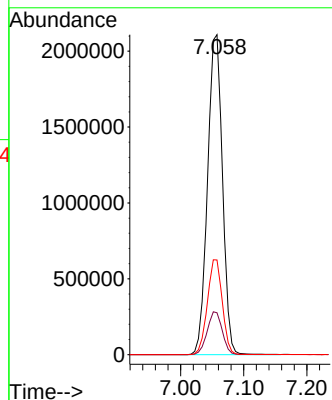
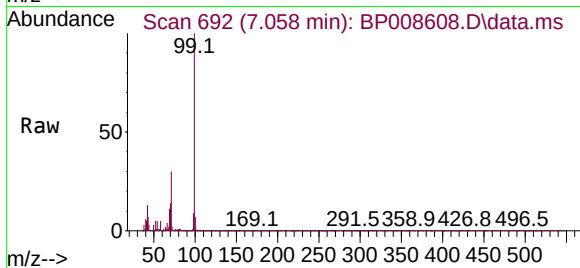


#7
Phenol-d6
Concen: 94.298 ng
RT: 7.058 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP008608.D
Acq: 30 Dec 2021 13:57

Instrument :
BNA_P
ClientSampleId :
R206

Tgt Ion: 99 Resp: 3466132

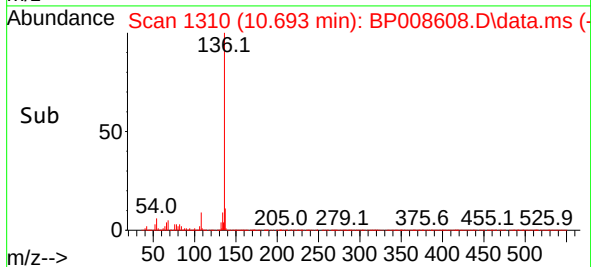
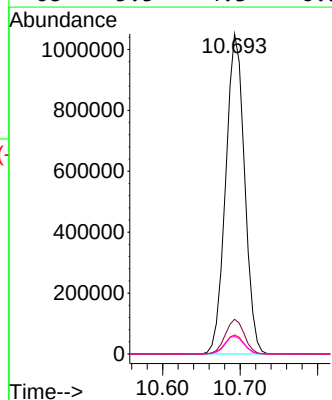
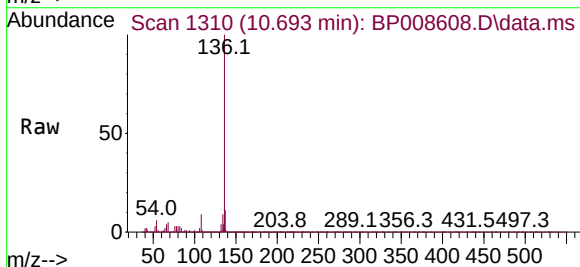
Ion	Ratio	Lower	Upper
99	100		
42	13.1	10.8	16.2
71	29.6	23.8	35.6

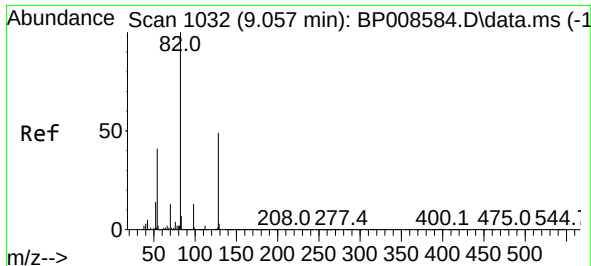


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP008608.D
Acq: 30 Dec 2021 13:57

Tgt Ion: 136 Resp: 1778618

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	5.9	4.9	7.3
68	5.5	4.3	6.5





#23

Nitrobenzene-d5

Concen: 67.450 ng

RT: 9.046 min Scan# 1032

Delta R.T. -0.012 min

Lab File: BP008608.D

Acq: 30 Dec 2021 13:57

Instrument :

BNA_P

ClientSampleId :

R206

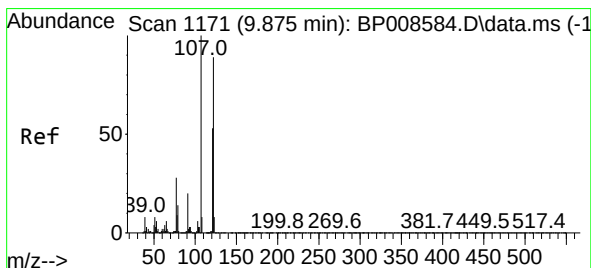
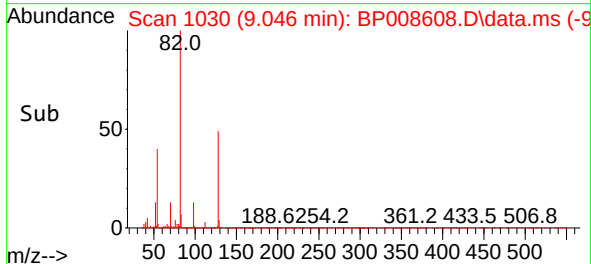
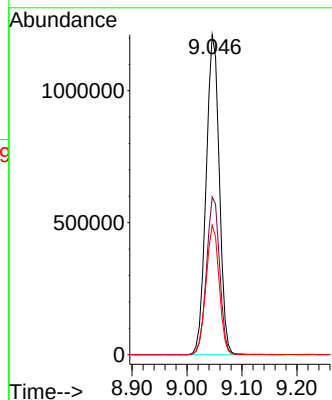
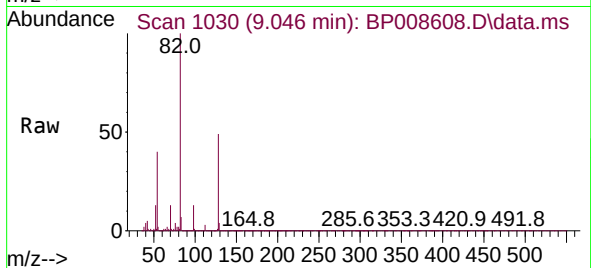
Tgt Ion: 82 Resp: 2016642

Ion Ratio Lower Upper

82 100

128 49.3 39.4 59.2

54 40.5 32.6 48.8



#27

2,4-Dimethylphenol

Concen: 3.267 ng

RT: 9.916 min Scan# 1178

Delta R.T. 0.041 min

Lab File: BP008608.D

Acq: 30 Dec 2021 13:57

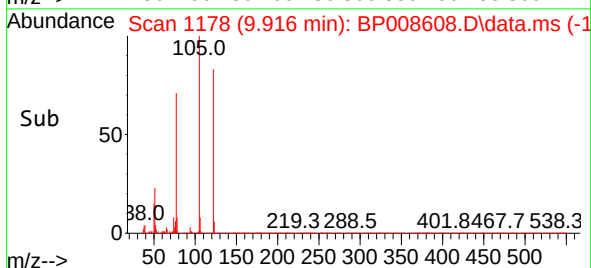
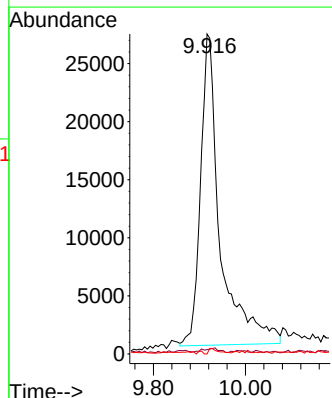
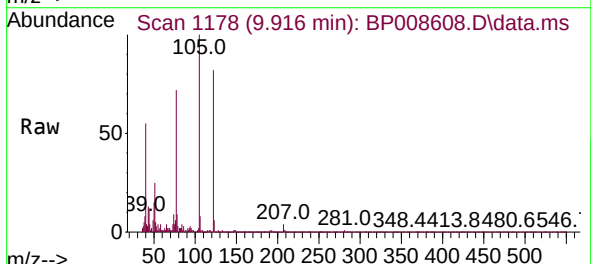
Tgt Ion:122 Resp: 79724

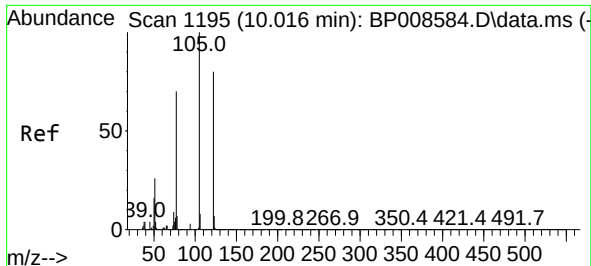
Ion Ratio Lower Upper

122 100

107 1.4 89.6 134.4#

121 0.0 47.8 71.8#

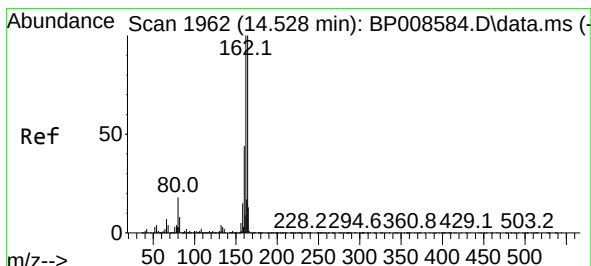
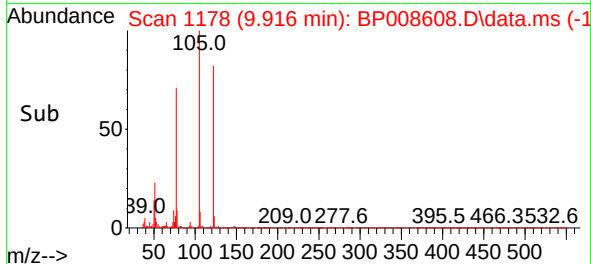
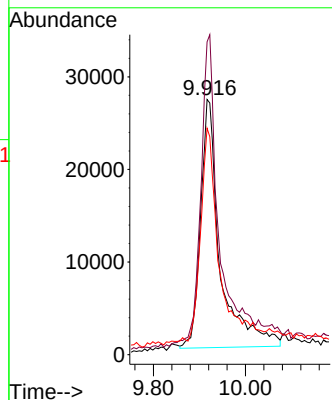
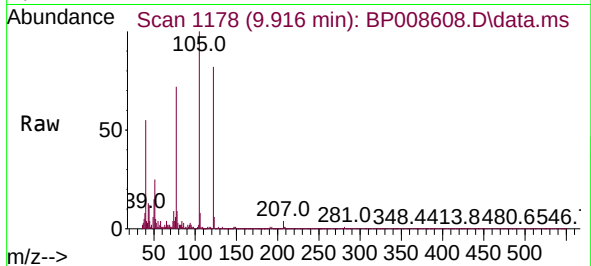




#32
Benzoic acid
Concen: 5.172 ng
RT: 9.916 min Scan# 1195
Delta R.T. -0.100 min
Lab File: BP008608.D
Acq: 30 Dec 2021 13:57

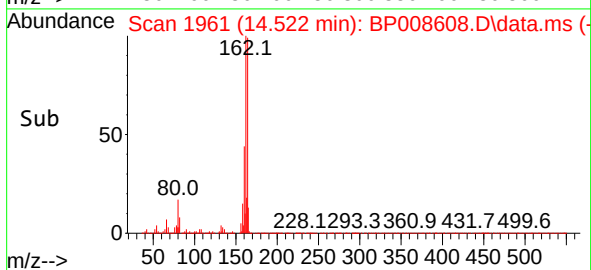
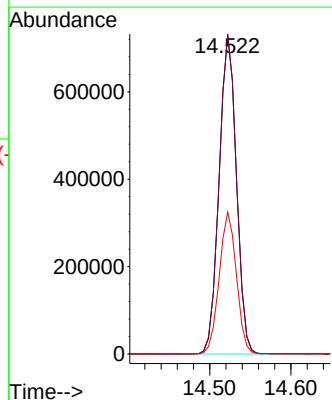
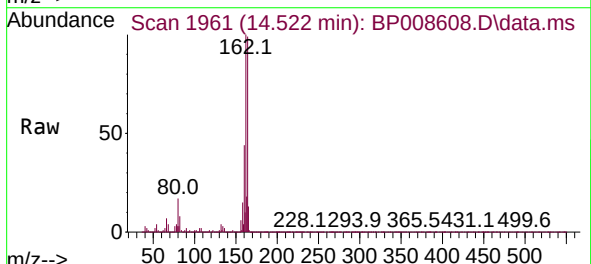
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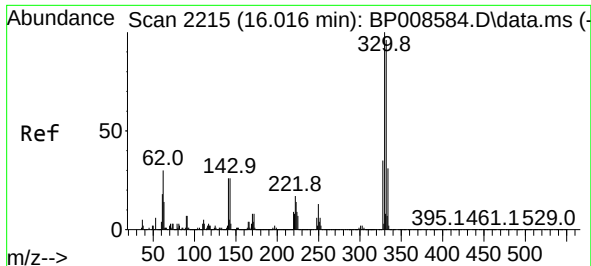
Tgt Ion:122 Resp: 79724
Ion Ratio Lower Upper
122 100
105 122.6 100.1 140.1
77 88.7 65.5 105.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BP008608.D
Acq: 30 Dec 2021 13:57

Tgt Ion:164 Resp: 1080749
Ion Ratio Lower Upper
164 100
162 100.6 79.9 119.9
160 44.6 35.5 53.3

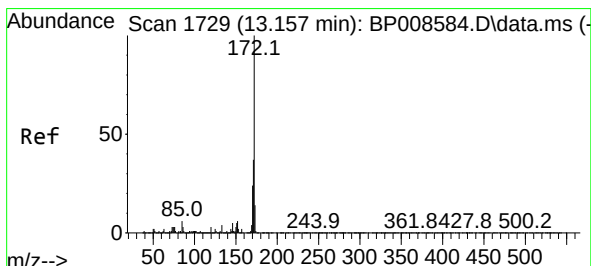
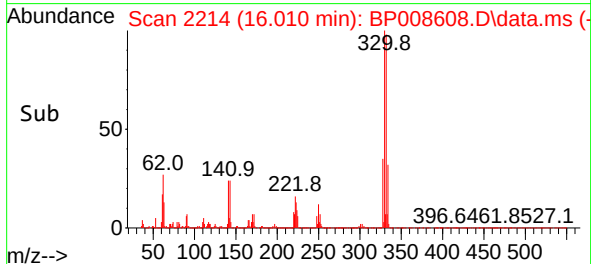
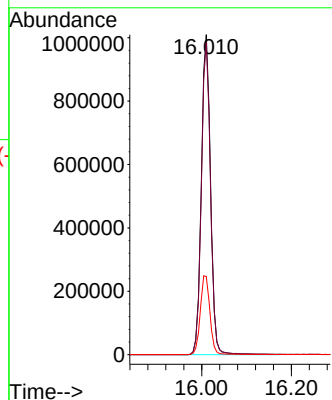
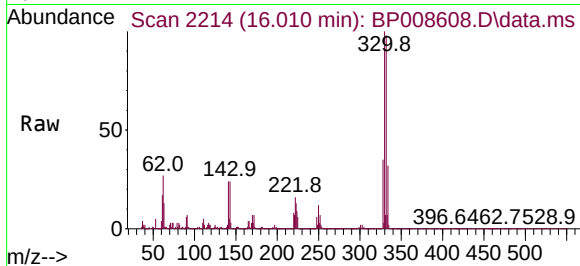




#42
2,4,6-Tribromophenol
Concen: 98.312 ng
RT: 16.010 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008608.D
Acq: 30 Dec 2021 13:57

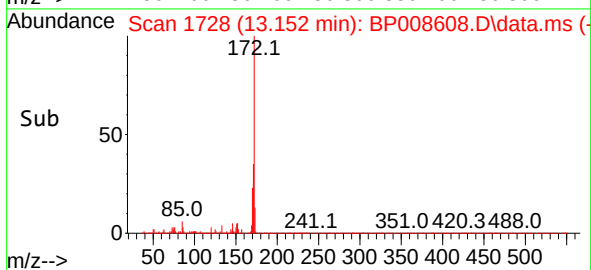
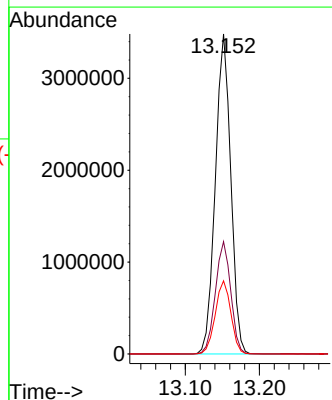
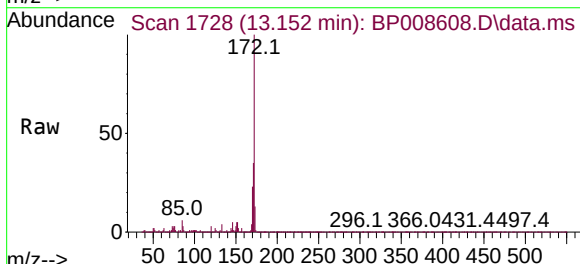
Instrument :
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ClientSampleId :
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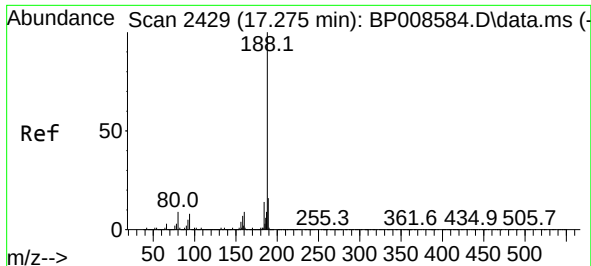
Tgt Ion:330 Resp: 1437534
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 25.7 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 67.376 ng
RT: 13.152 min Scan# 1728
Delta R.T. -0.005 min
Lab File: BP008608.D
Acq: 30 Dec 2021 13:57

Tgt Ion:172 Resp: 5025936
Ion Ratio Lower Upper
172 100
171 35.1 29.3 43.9
170 22.9 19.5 29.3

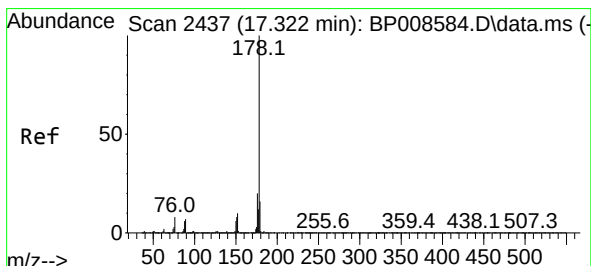
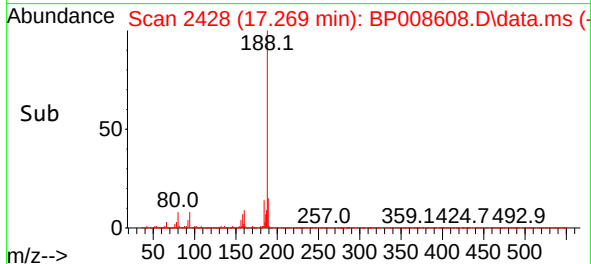
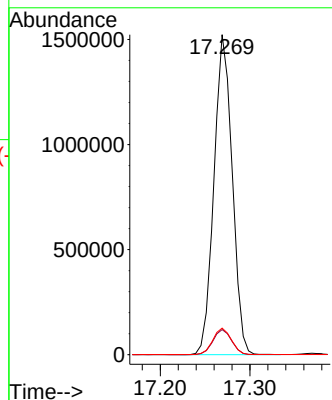
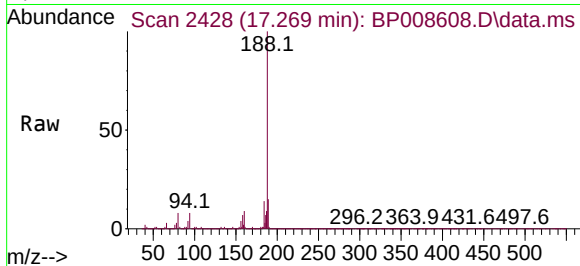




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP008608.D
Acq: 30 Dec 2021 13:57

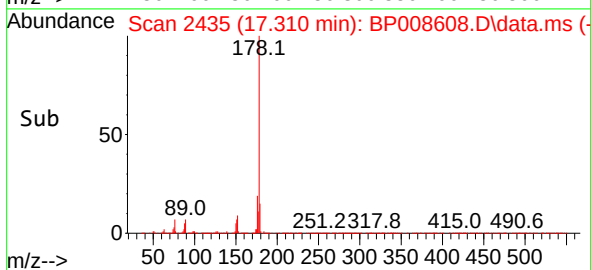
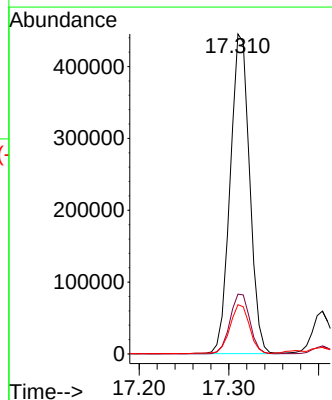
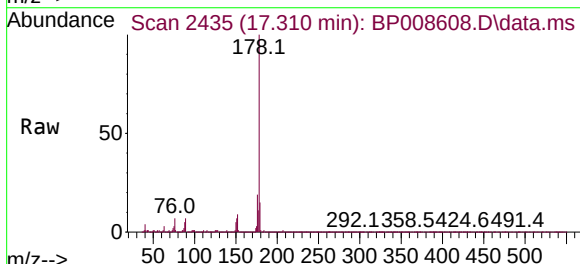
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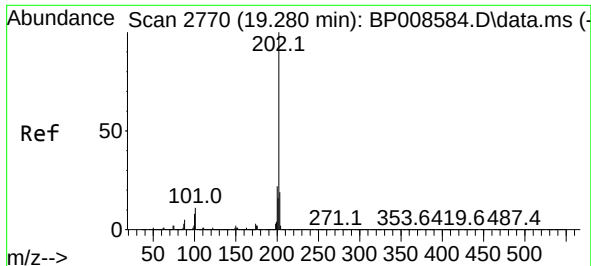
Tgt Ion:188 Resp: 2152494
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.3 7.2 10.8



#71
Phenanthrene
Concen: 5.748 ng
RT: 17.310 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP008608.D
Acq: 30 Dec 2021 13:57

Tgt Ion:178 Resp: 667002
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 15.4 13.0 19.4

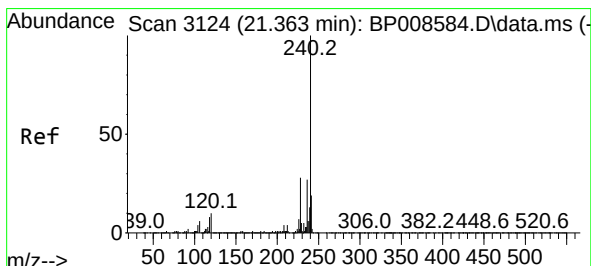
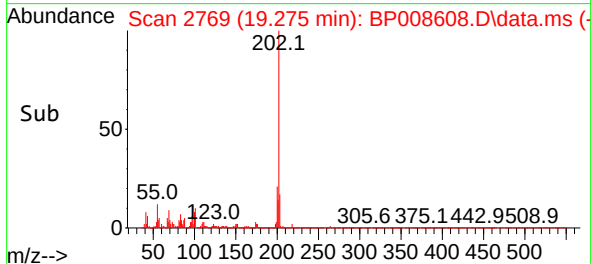
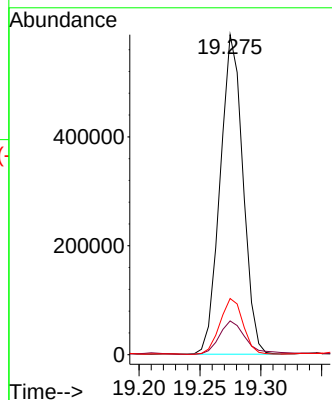
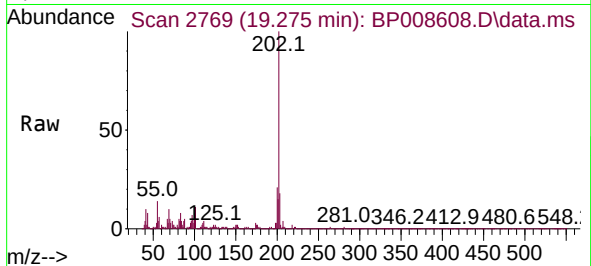




#75
Fluoranthene
Concen: 5.735 ng
RT: 19.275 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP008608.D
Acq: 30 Dec 2021 13:57

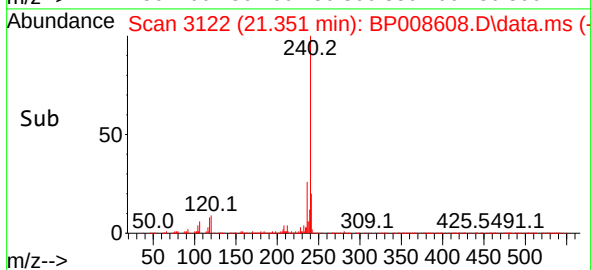
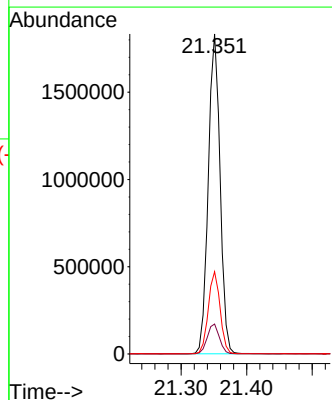
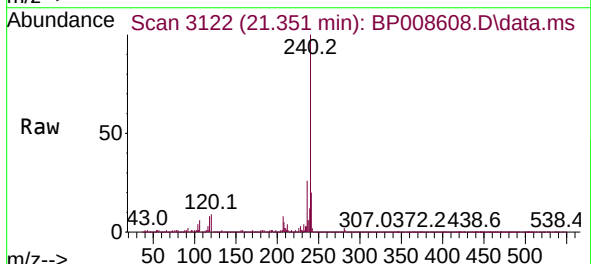
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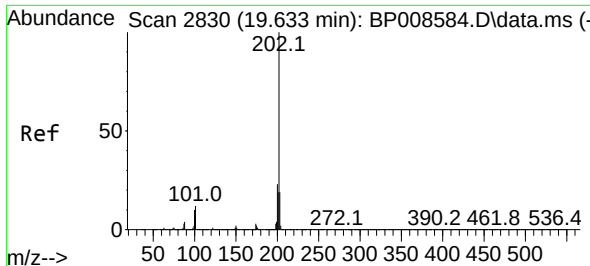
Tgt Ion:202 Resp: 765557
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 17.5 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BP008608.D
Acq: 30 Dec 2021 13:57

Tgt Ion:240 Resp: 2299341
Ion Ratio Lower Upper
240 100
120 9.4 7.7 11.5
236 25.7 21.2 31.8

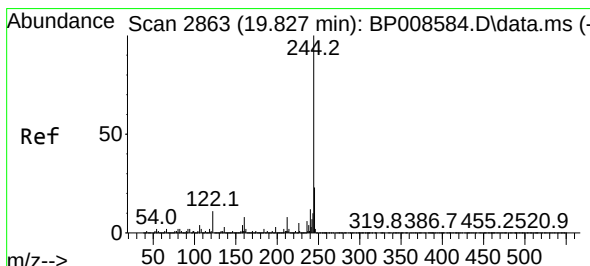
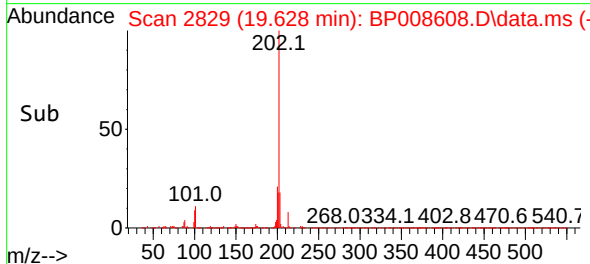
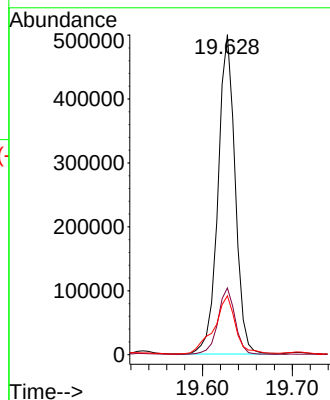
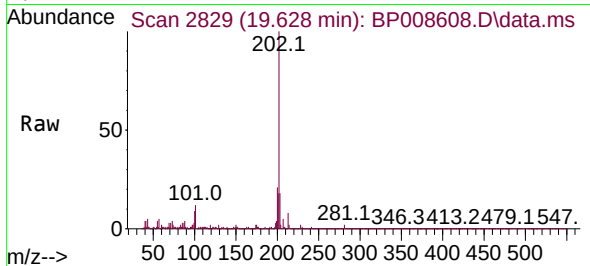




#78
Pyrene
Concen: 4.429 ng
RT: 19.628 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP008608.D
Acq: 30 Dec 2021 13:57

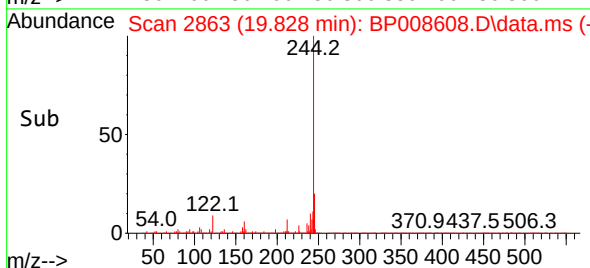
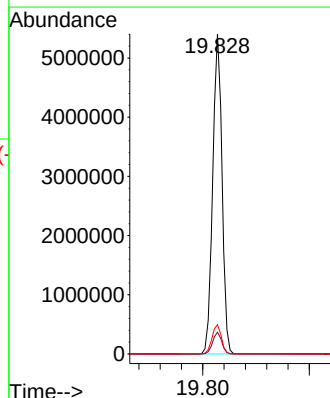
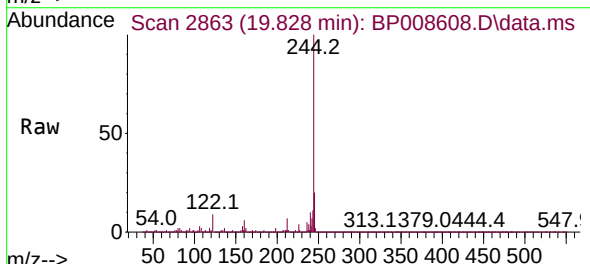
Instrument :
BNA_P
ClientSampleId :
R206

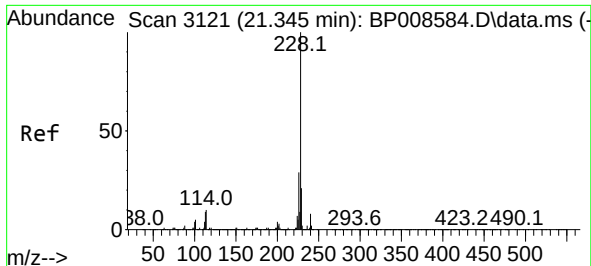
Tgt Ion:202 Resp: 662496
Ion Ratio Lower Upper
202 100
200 20.9 18.0 27.0
203 18.4 15.0 22.6



#79
Terphenyl-d14
Concen: 58.395 ng
RT: 19.828 min Scan# 2863
Delta R.T. 0.001 min
Lab File: BP008608.D
Acq: 30 Dec 2021 13:57

Tgt Ion:244 Resp: 6576063
Ion Ratio Lower Upper
244 100
212 6.8 6.5 9.7
122 9.2 9.2 13.8#

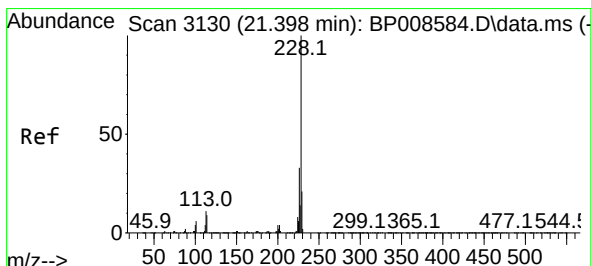
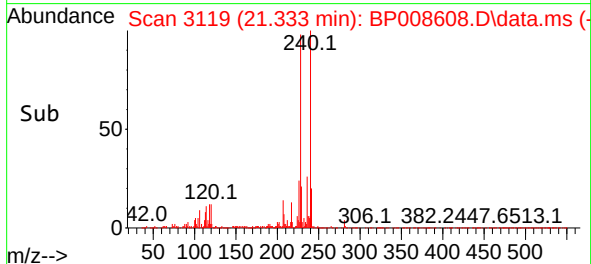
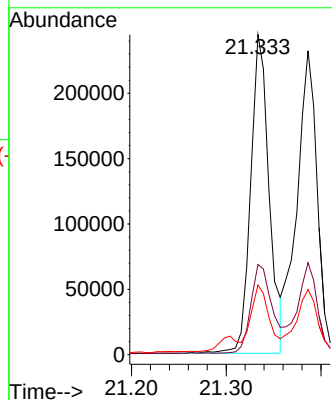
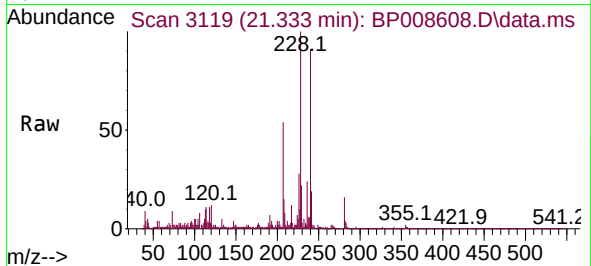




#81
Benzo(a)anthracene
Concen: 2.219 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BP008608.D
Acq: 30 Dec 2021 13:57

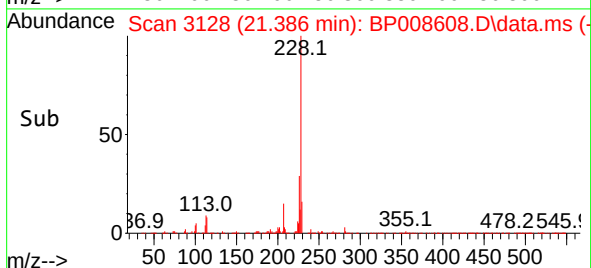
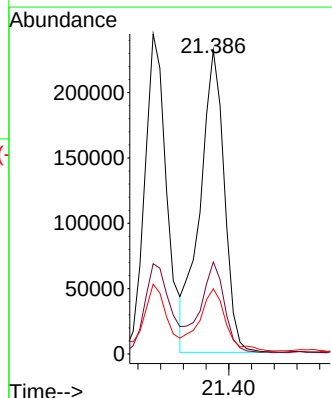
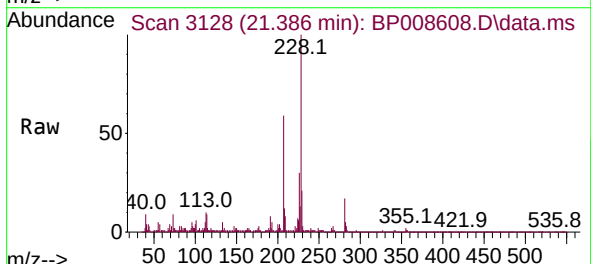
Instrument :
BNA_P
ClientSampleId :
R206

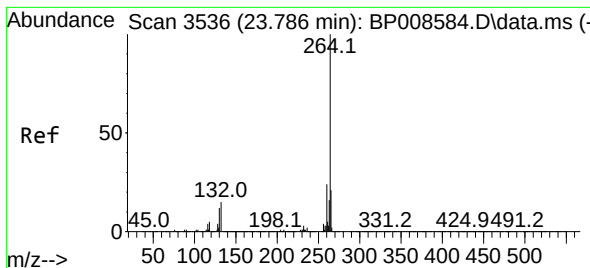
Tgt Ion:228 Resp: 330948
Ion Ratio Lower Upper
228 100
226 28.2 23.3 34.9
229 21.8 17.0 25.6



#83
Chrysene
Concen: 2.471 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.012 min
Lab File: BP008608.D
Acq: 30 Dec 2021 13:57

Tgt Ion:228 Resp: 344627
Ion Ratio Lower Upper
228 100
226 30.3 26.0 39.0
229 21.4 16.9 25.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP008608.D

Acq: 30 Dec 2021 13:57

Instrument :

BNA_P

ClientSampleId :

R206

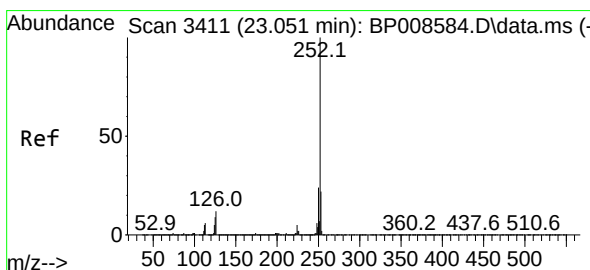
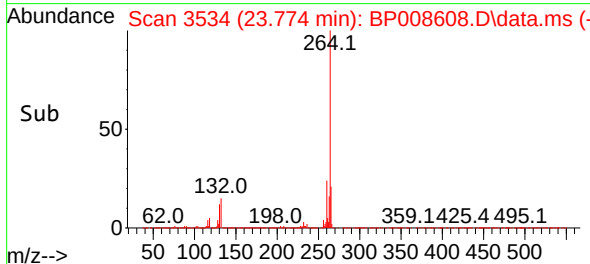
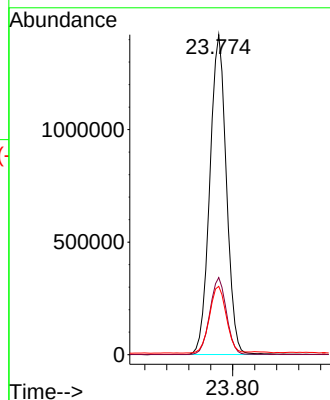
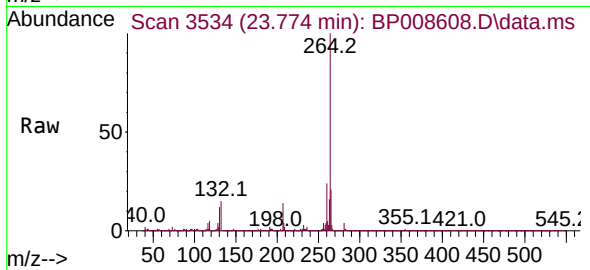
Tgt Ion:264 Resp: 2972062

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 21.3 17.1 25.7



#88

Benzo(b)fluoranthene

Concen: 2.655 ng

RT: 23.033 min Scan# 3408

Delta R.T. -0.017 min

Lab File: BP008608.D

Acq: 30 Dec 2021 13:57

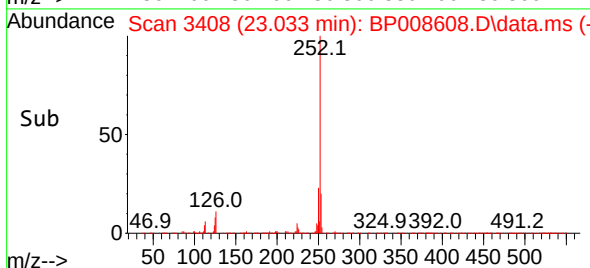
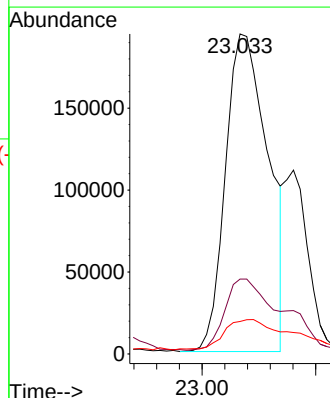
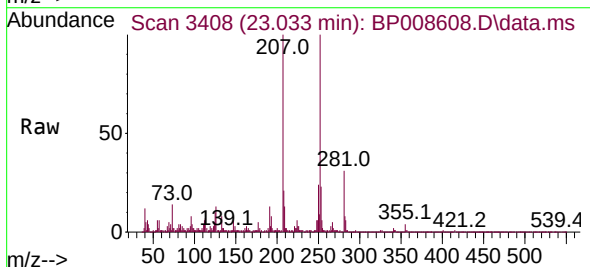
Tgt Ion:252 Resp: 507460

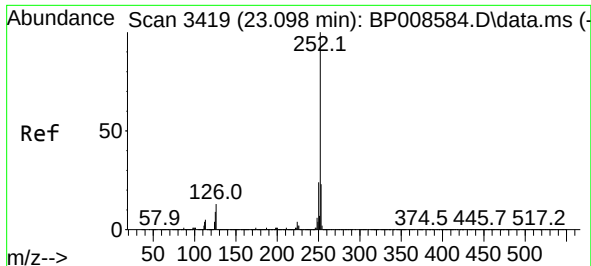
Ion Ratio Lower Upper

252 100

253 23.4 18.0 27.0

125 10.1 6.9 10.3

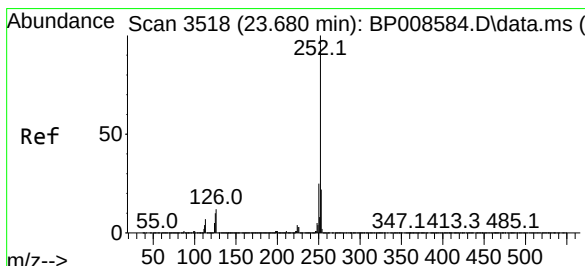
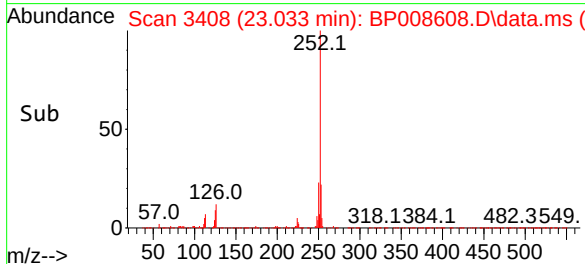
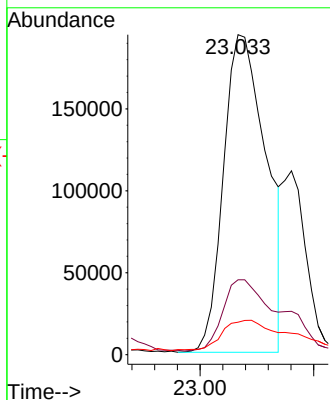
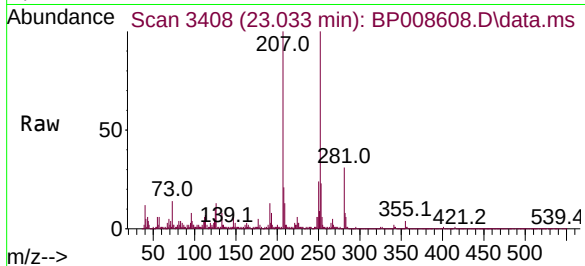




#89
Benzo(k)fluoranthene
Concen: 2.671 ng
RT: 23.033 min Scan# 3419
Delta R.T. -0.064 min
Lab File: BP008608.D
Acq: 30 Dec 2021 13:57

Instrument :
BNA_P
ClientSampleId :
R206

Tgt Ion:252 Resp: 507460
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.2
125 10.1 7.3 10.9



#90
Benzo(a)pyrene
Concen: 2.207 ng
RT: 23.663 min Scan# 3515
Delta R.T. -0.017 min
Lab File: BP008608.D
Acq: 30 Dec 2021 13:57

Tgt Ion:252 Resp: 340071
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 11.0 7.8 11.6

