

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011322\
 Data File : BP008803.D
 Acq On : 13 Jan 2022 22:23
 Operator : CG/JU
 Sample : N1097-01DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1SDL

Quant Time: Jan 13 23:28:56 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)

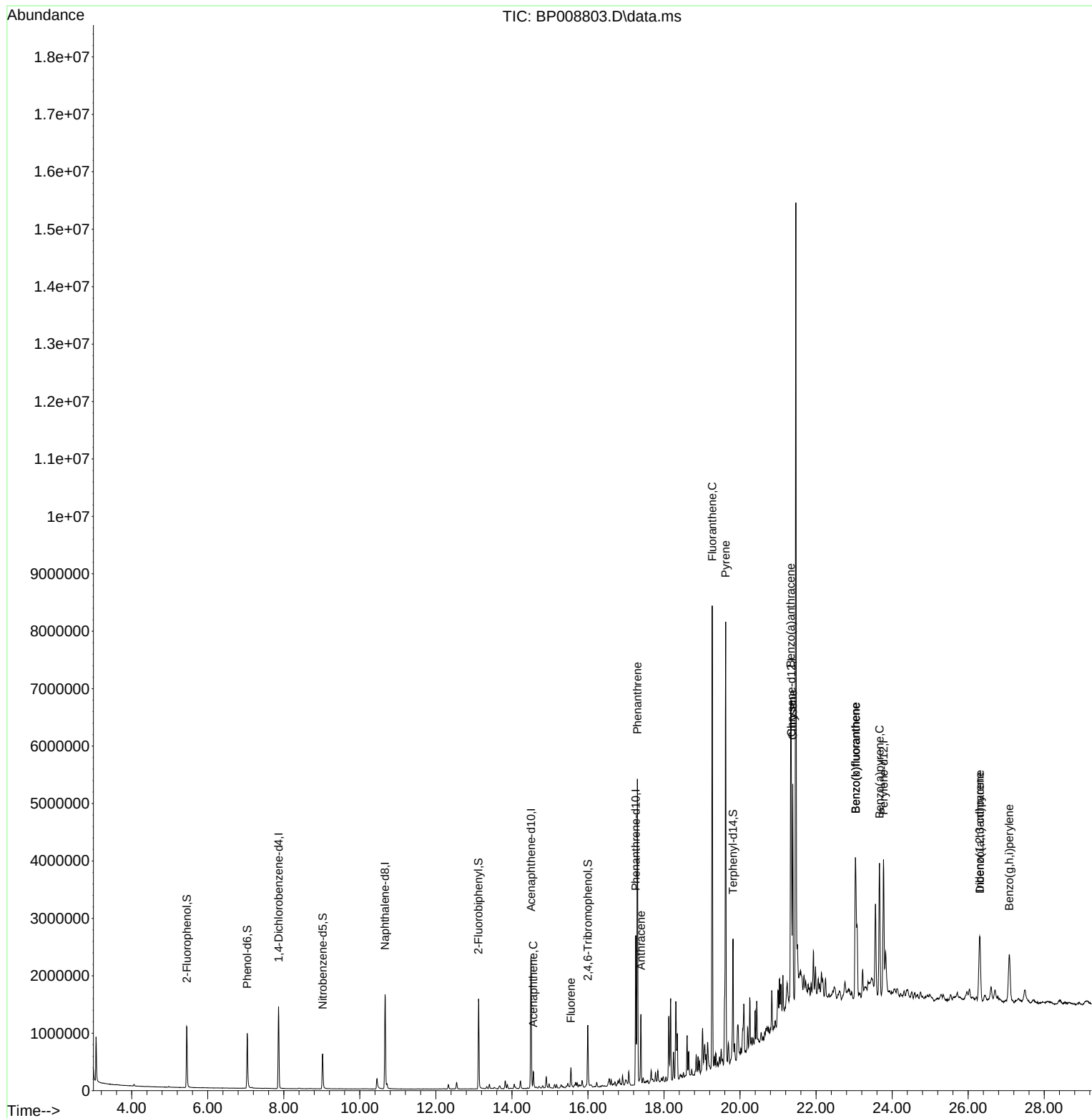
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	416214	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1521799	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	883560	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	1617150	20.000	ng	0.00
76) Chrysene-d12	21.351	240	1554820	20.000	ng	0.00
86) Perylene-d12	23.774	264	1759484	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	544799	20.498	ng	0.00
7) Phenol-d6	7.040	99	642064	17.995	ng	0.00
23) Nitrobenzene-d5	9.022	82	389213	14.484	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	222364	14.917	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	926085	14.736	ng	-0.01
79) Terphenyl-d14	19.816	244	970929	12.726	ng	0.00
Target Compounds						
						Qvalue
52) Acenaphthene	14.563	154	106239	2.112	ng	97
58) Fluorene	15.551	166	156785	2.348	ng	97
71) Phenanthrene	17.298	178	3480025	38.731	ng	100
72) Anthracene	17.392	178	772453	8.418	ng	99
75) Fluoranthene	19.269	202	4779224	44.420	ng	98
78) Pyrene	19.622	202	4835681	47.565	ng	99
81) Benzo(a)anthracene	21.333	228	2481081	24.323	ng	99
83) Chrysene	21.386	228	2133532	21.683	ng	98
87) Indeno(1,2,3-cd)pyrene	26.304	276	1185680	8.433	ng	# 95
88) Benzo(b)fluoranthene	23.039	252	3167751	27.554	ng	100
89) Benzo(k)fluoranthene	23.039	252	3169788	29.461	ng	100
90) Benzo(a)pyrene	23.668	252	1940827	17.467	ng	98
91) Dibenzo(a,h)anthracene	26.309	278	320914	2.701	ng	# 92
92) Benzo(g,h,i)perylene	27.080	276	1144741	9.708	ng	98

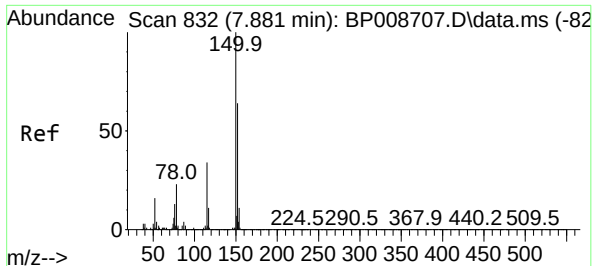
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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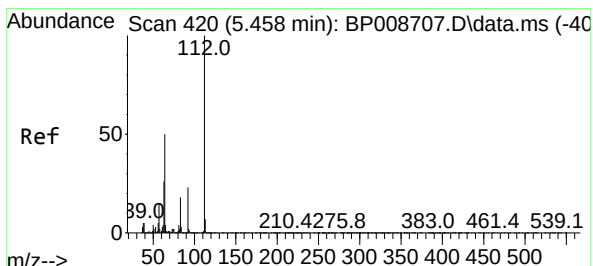
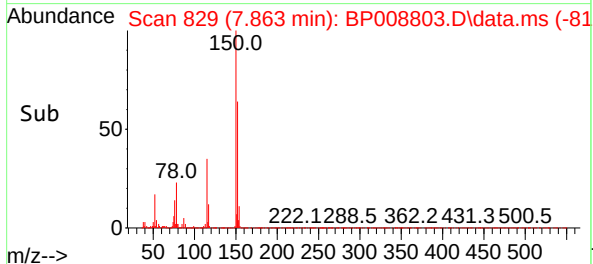
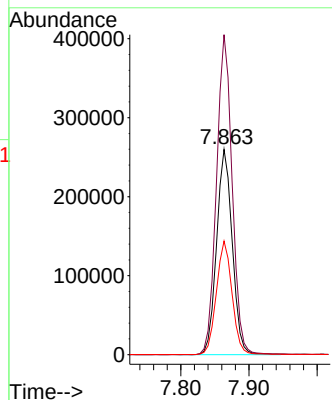
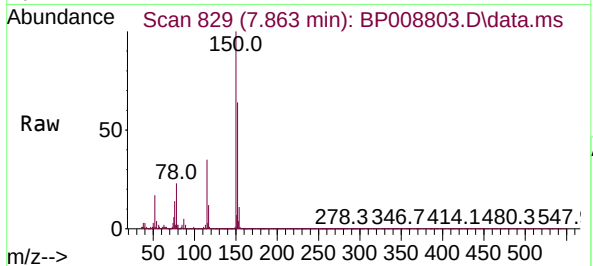




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP008803.D
 Acq: 13 Jan 2022 22:23

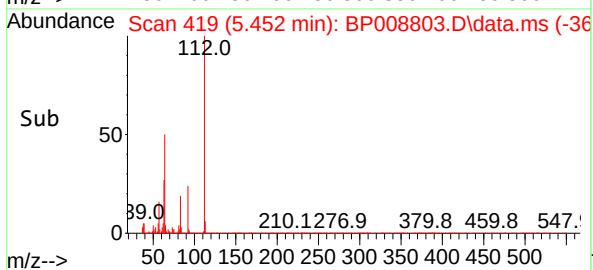
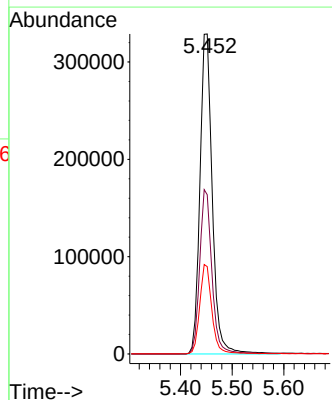
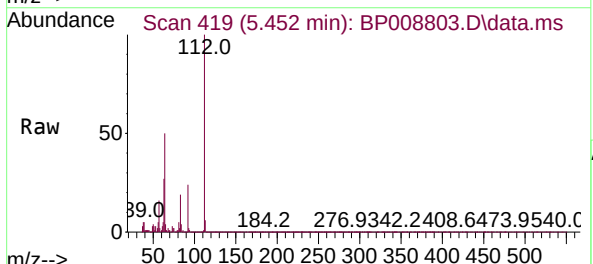
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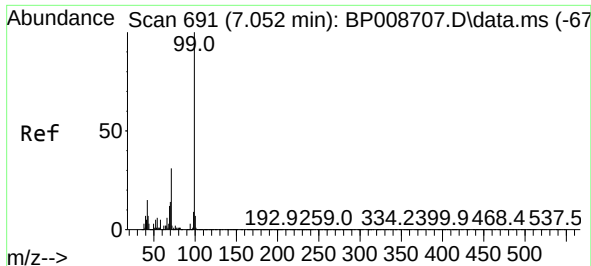
Tgt Ion:152 Resp: 416214
 Ion Ratio Lower Upper
 152 100
 150 155.9 127.0 190.6
 115 55.3 43.7 65.5



#5
 2-Fluorophenol
 Concen: 20.498 ng
 RT: 5.452 min Scan# 419
 Delta R.T. 0.006 min
 Lab File: BP008803.D
 Acq: 13 Jan 2022 22:23

Tgt Ion:112 Resp: 544799
 Ion Ratio Lower Upper
 112 100
 64 49.8 39.7 59.5
 63 27.3 20.0 30.0

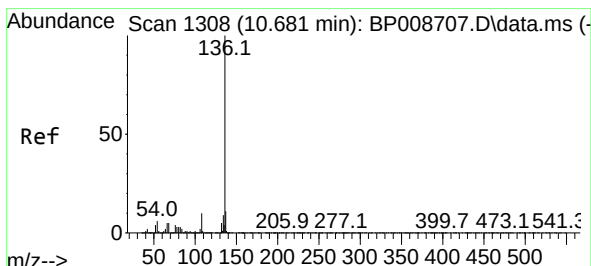
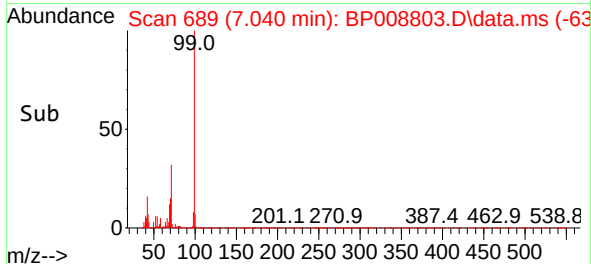
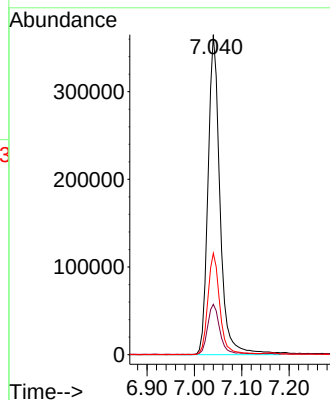
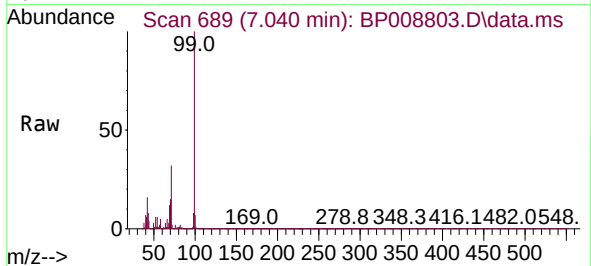




#7
Phenol-d6
Concen: 17.995 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008803.D
Acq: 13 Jan 2022 22:23

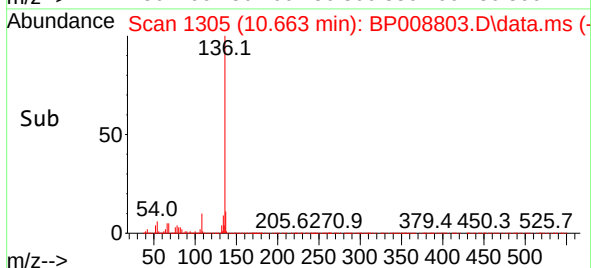
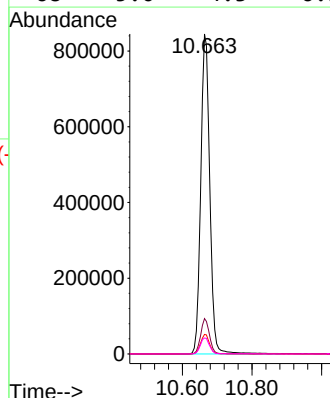
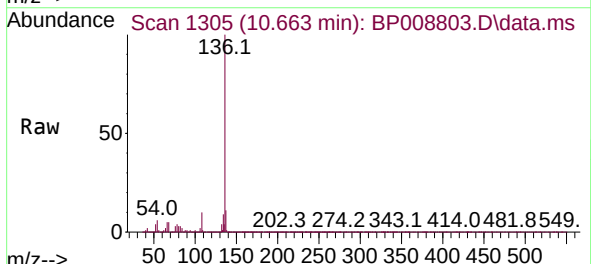
Instrument :
BNA_P
ClientSampleId :
TP-1SDL

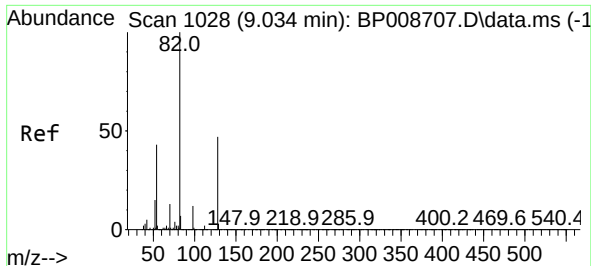
Tgt Ion: 99 Resp: 642064
Ion Ratio Lower Upper
99 100
42 15.7 10.8 16.2
71 31.7 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BP008803.D
Acq: 13 Jan 2022 22:23

Tgt Ion: 136 Resp: 1521799
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.1 4.9 7.3
68 5.0 4.3 6.5

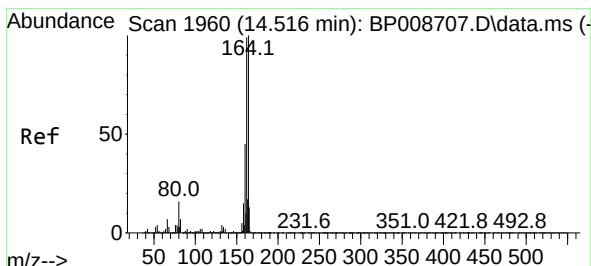
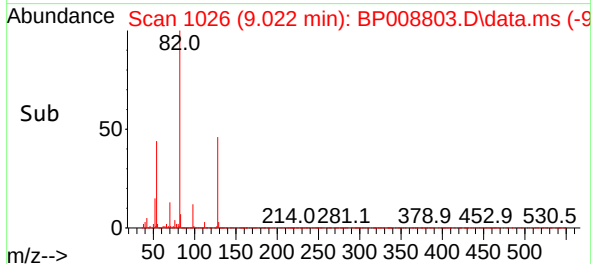
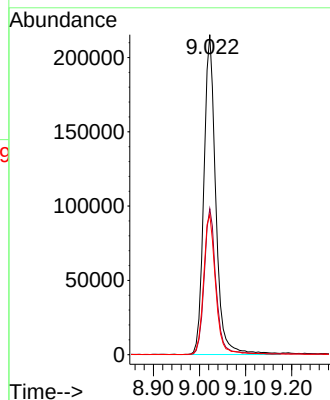
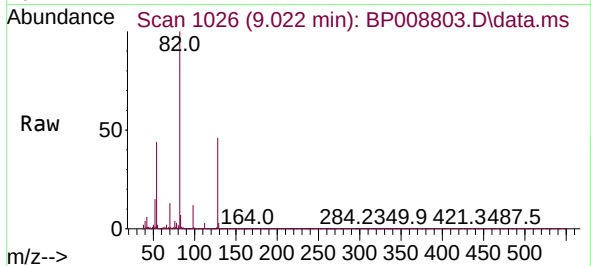




#23
Nitrobenzene-d5
Concen: 14.484 ng
RT: 9.022 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP008803.D
Acq: 13 Jan 2022 22:23

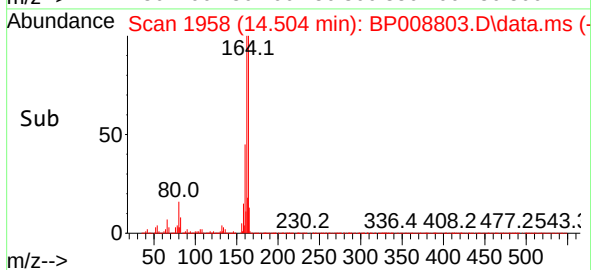
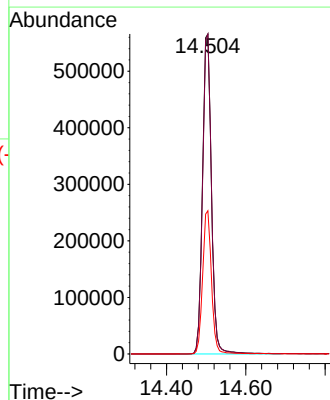
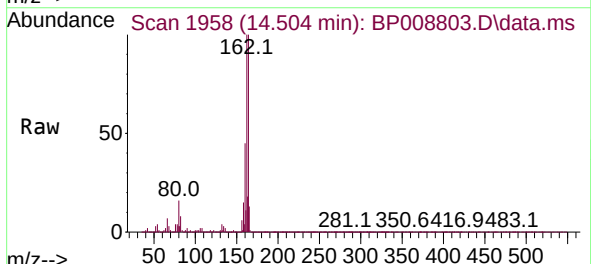
Instrument :
BNA_P
ClientSampleId :
TP-1SDL

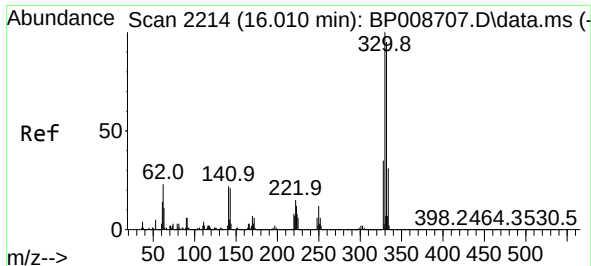
Tgt Ion: 82 Resp: 389213
Ion Ratio Lower Upper
82 100
128 45.6 39.4 59.2
54 43.8 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP008803.D
Acq: 13 Jan 2022 22:23

Tgt Ion:164 Resp: 883560
Ion Ratio Lower Upper
164 100
162 99.9 79.9 119.9
160 44.7 35.5 53.3

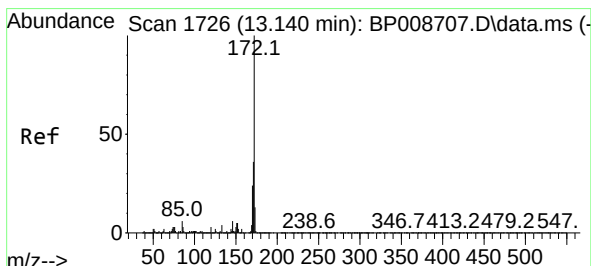
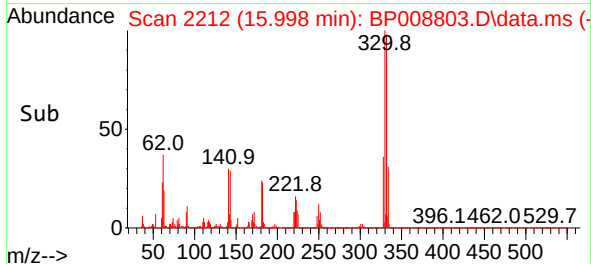
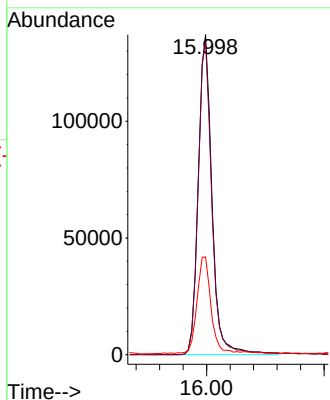
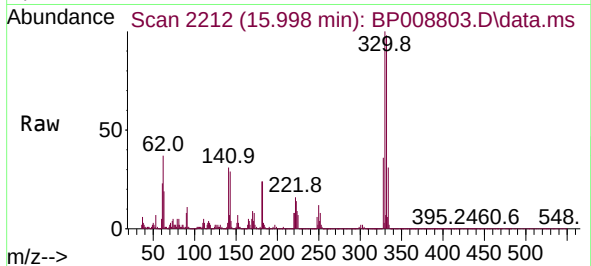




#42
2,4,6-Tribromophenol
Concen: 14.917 ng
RT: 15.998 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008803.D
Acq: 13 Jan 2022 22:23

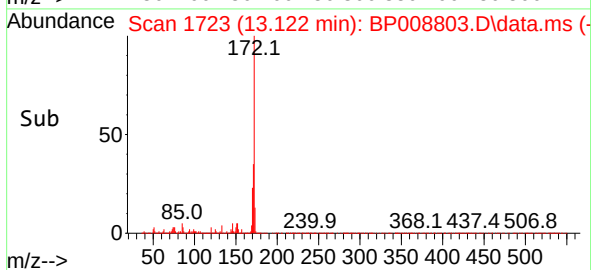
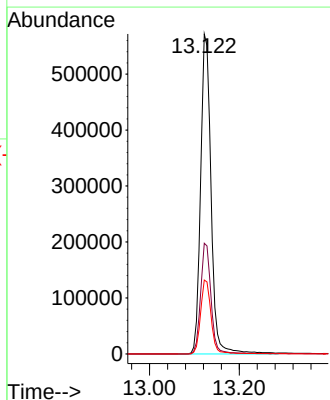
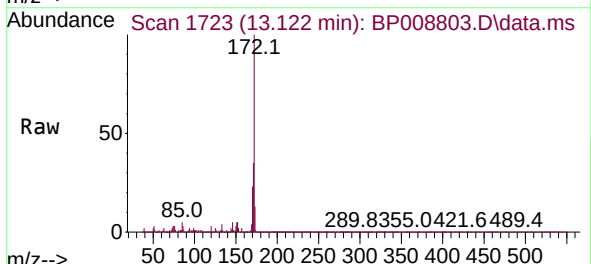
Instrument :
BNA_P
ClientSampleId :
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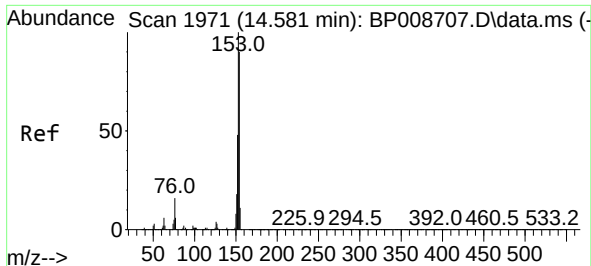
Tgt Ion:330 Resp: 222364
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.4
141 30.5 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 14.736 ng
RT: 13.122 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP008803.D
Acq: 13 Jan 2022 22:23

Tgt Ion:172 Resp: 926085
Ion Ratio Lower Upper
172 100
171 34.6 29.3 43.9
170 23.1 19.5 29.3

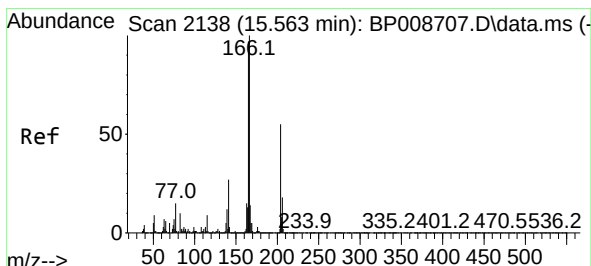
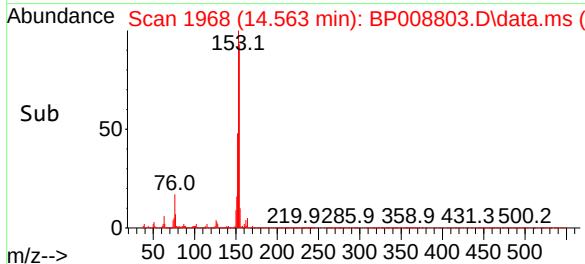
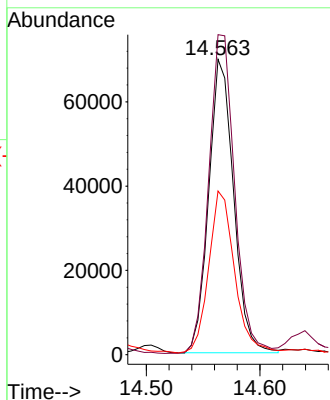
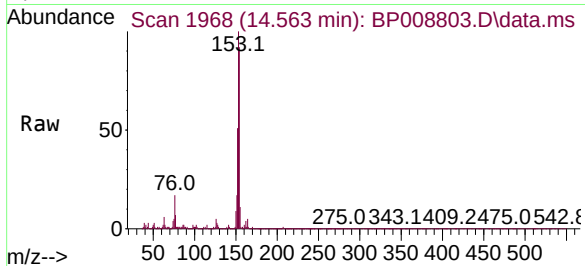




#52
Acenaphthene
Concen: 2.112 ng
RT: 14.563 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP008803.D
Acq: 13 Jan 2022 22:23

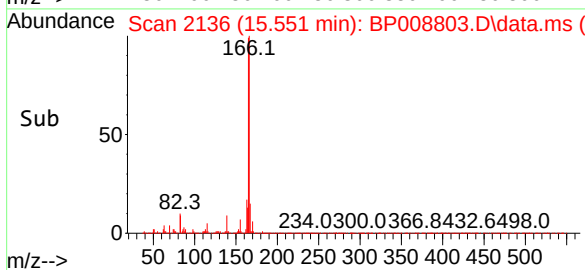
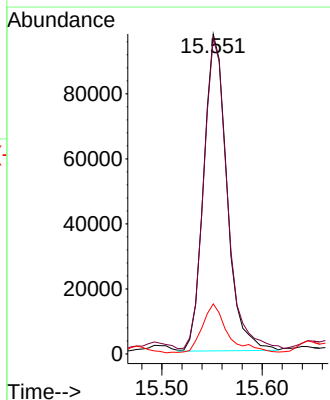
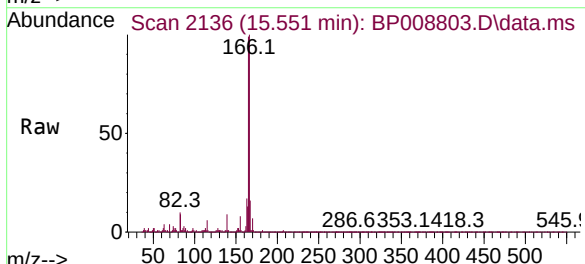
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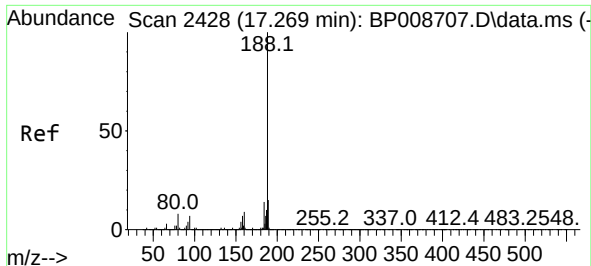
Tgt Ion:154 Resp: 106239
Ion Ratio Lower Upper
154 100
153 108.4 89.4 134.2
152 55.4 42.6 63.8



#58
Fluorene
Concen: 2.348 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP008803.D
Acq: 13 Jan 2022 22:23

Tgt Ion:166 Resp: 156785
Ion Ratio Lower Upper
166 100
165 98.8 77.2 115.8
167 15.7 11.2 16.8

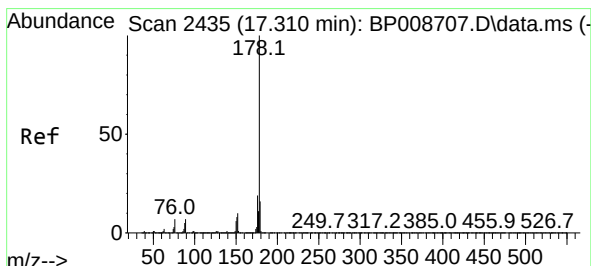
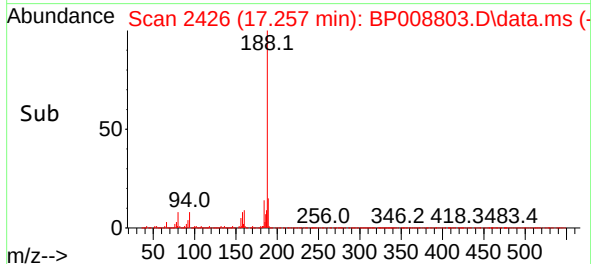
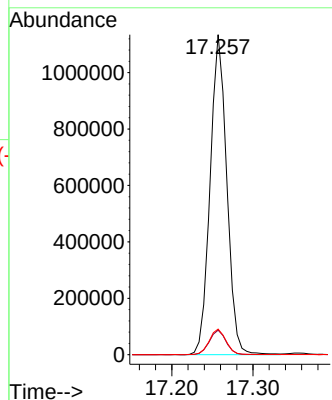
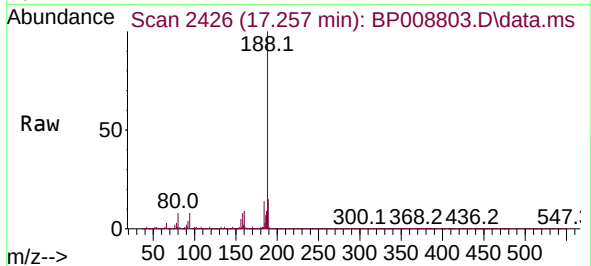




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BP008803.D
Acq: 13 Jan 2022 22:23

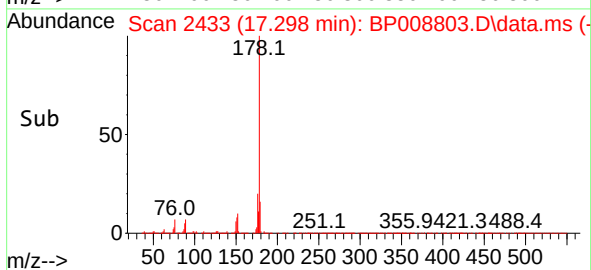
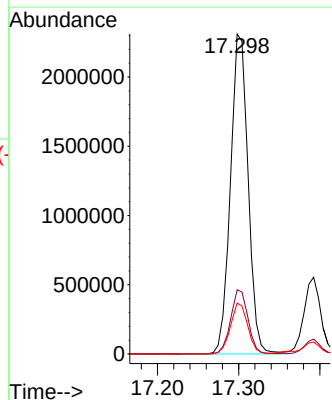
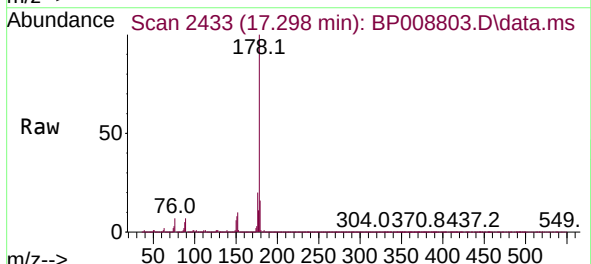
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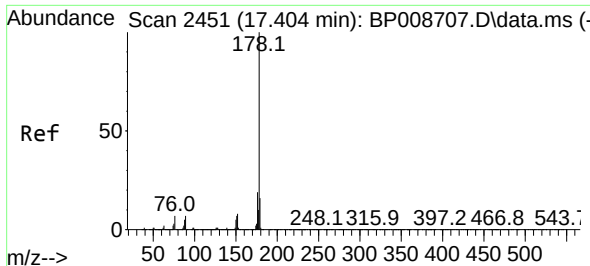
Tgt Ion:188 Resp: 1617150
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.0 7.2 10.8



#71
Phenanthrene
Concen: 38.731 ng
RT: 17.298 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BP008803.D
Acq: 13 Jan 2022 22:23

Tgt Ion:178 Resp: 3480025
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 15.9 13.0 19.4

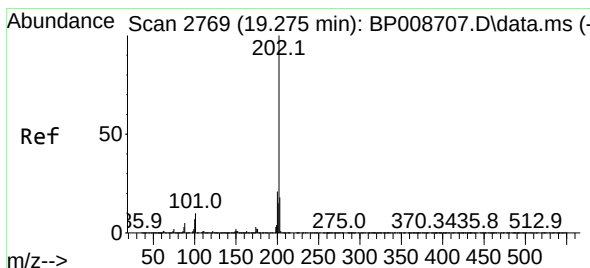
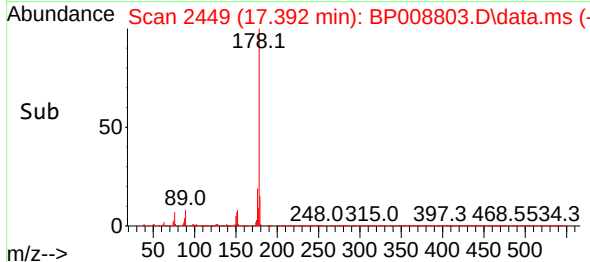
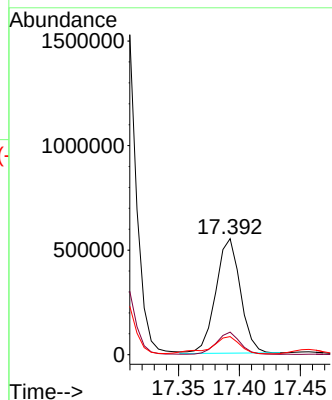
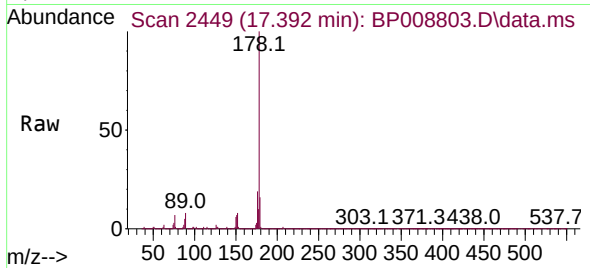




#72
 Anthracene
 Concen: 8.418 ng
 RT: 17.392 min Scan# 2451
 Delta R.T. -0.000 min
 Lab File: BP008803.D
 Acq: 13 Jan 2022 22:23

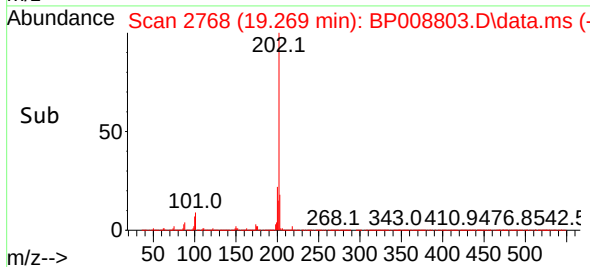
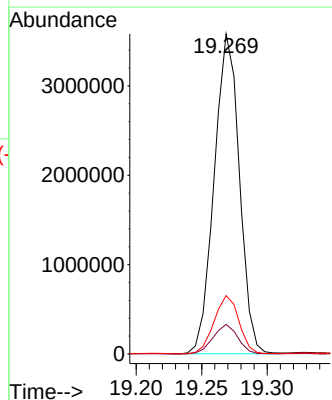
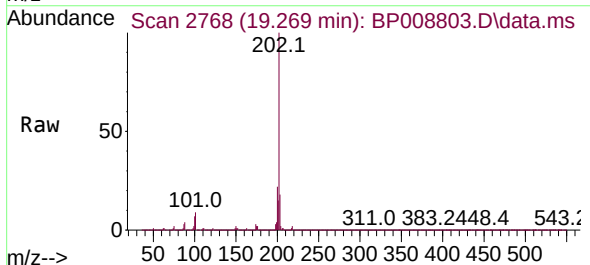
Instrument :
 BNA_P
 ClientSampleId :
 TP-1SDL

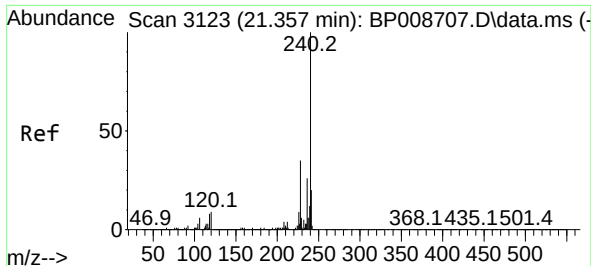
Tgt Ion:178 Resp: 772453
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.1 22.7
 179 15.5 12.8 19.2



#75
 Fluoranthene
 Concen: 44.420 ng
 RT: 19.269 min Scan# 2768
 Delta R.T. -0.000 min
 Lab File: BP008803.D
 Acq: 13 Jan 2022 22:23

Tgt Ion:202 Resp: 4779224
 Ion Ratio Lower Upper
 202 100
 101 9.2 0.0 30.7
 203 18.2 0.0 38.9

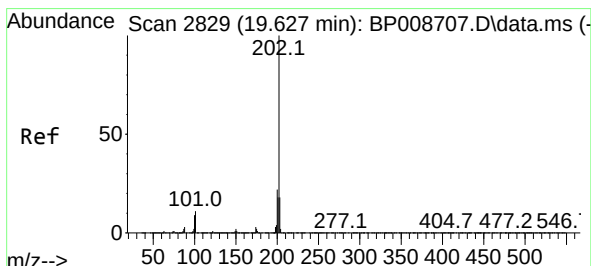
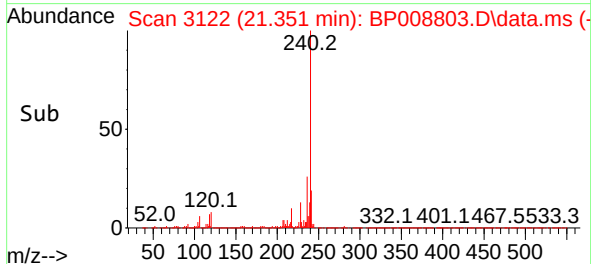
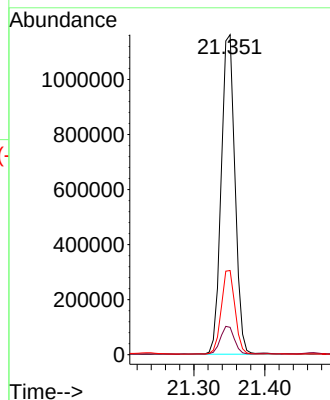
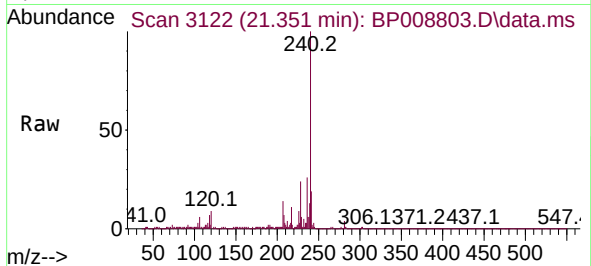




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3123
Delta R.T. 0.006 min
Lab File: BP008803.D
Acq: 13 Jan 2022 22:23

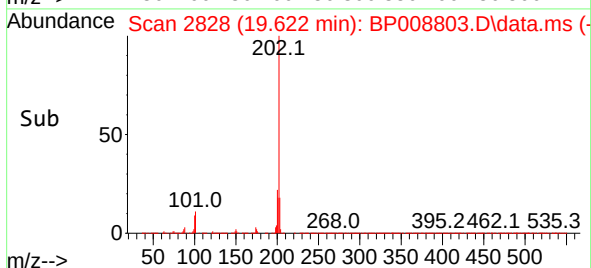
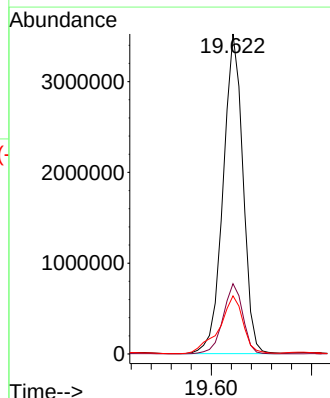
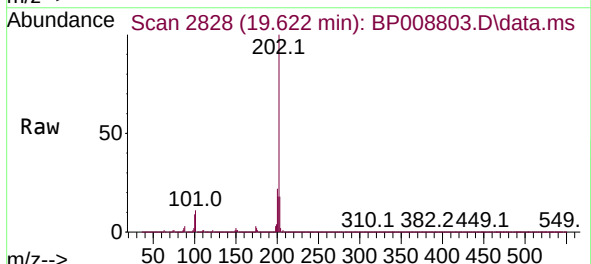
Instrument :
BNA_P
ClientSampleId :
TP-1SDL

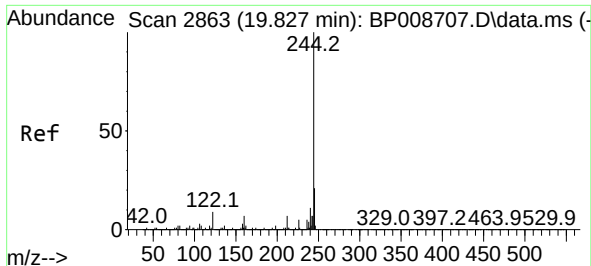
Tgt Ion:240 Resp: 1554820
Ion Ratio Lower Upper
240 100
120 8.6 7.7 11.5
236 26.3 21.2 31.8



#78
Pyrene
Concen: 47.565 ng
RT: 19.622 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BP008803.D
Acq: 13 Jan 2022 22:23

Tgt Ion:202 Resp: 4835681
Ion Ratio Lower Upper
202 100
200 22.0 18.0 27.0
203 18.1 15.0 22.6

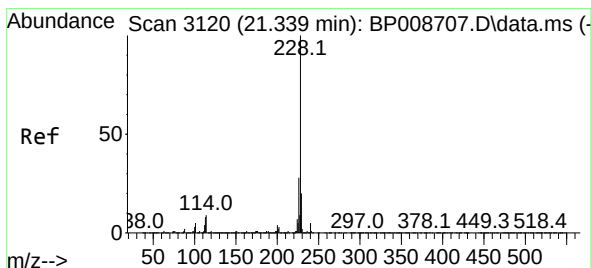
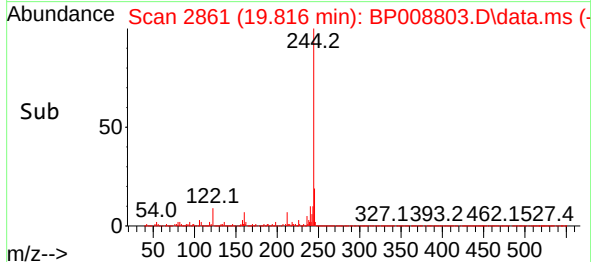
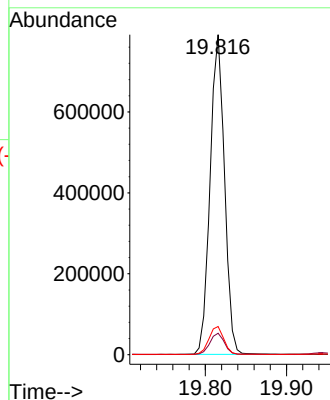
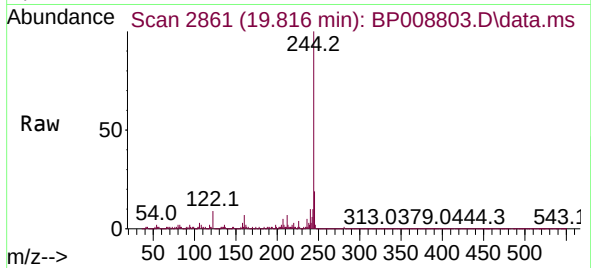




#79
 Terphenyl-d14
 Concen: 12.726 ng
 RT: 19.816 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP008803.D
 Acq: 13 Jan 2022 22:23

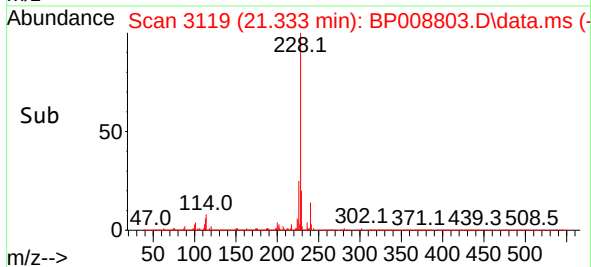
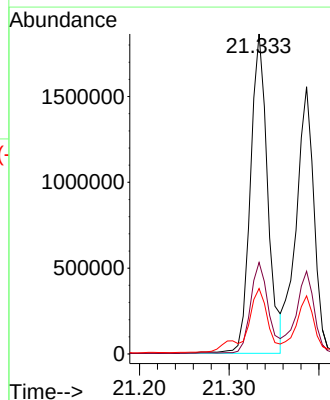
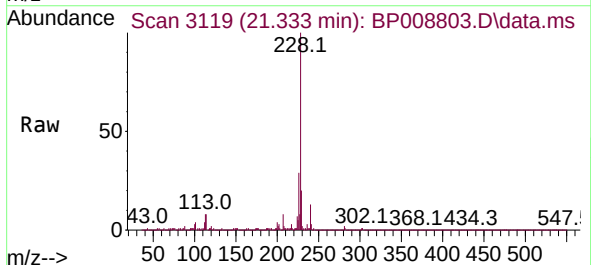
Instrument :
 BNA_P
 ClientSampleId :
 TP-1SDL

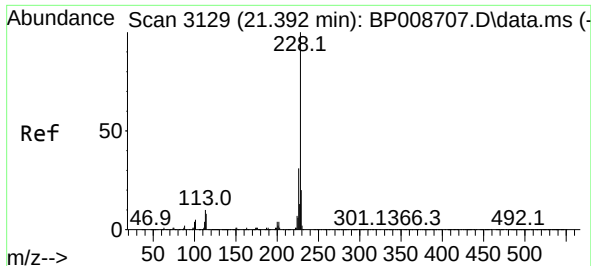
Tgt Ion:244 Resp: 970929
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.5 9.7
 122 8.8 9.2 13.8#



#81
 Benzo(a)anthracene
 Concen: 24.323 ng
 RT: 21.333 min Scan# 3119
 Delta R.T. -0.000 min
 Lab File: BP008803.D
 Acq: 13 Jan 2022 22:23

Tgt Ion:228 Resp: 2481081
 Ion Ratio Lower Upper
 228 100
 226 28.6 23.3 34.9
 229 20.5 17.0 25.6

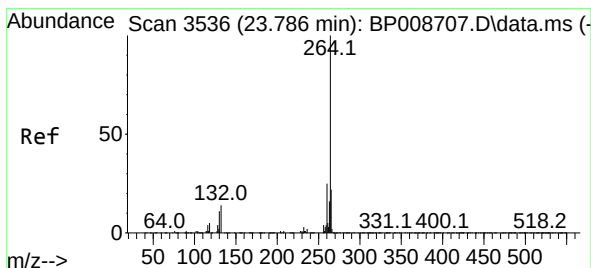
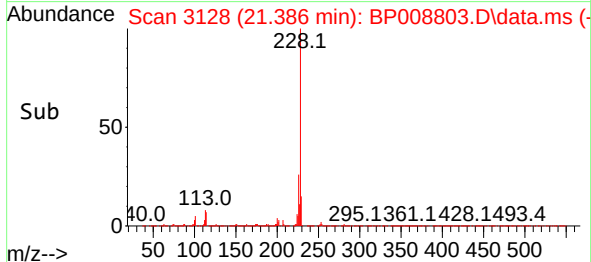
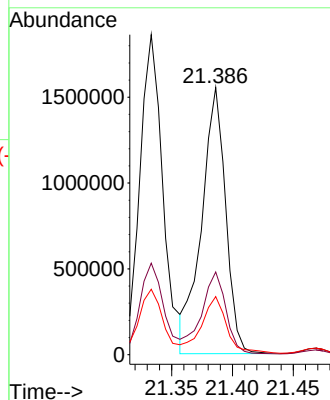
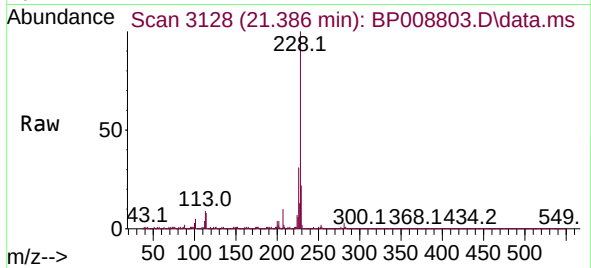




#83
Chrysene
Concen: 21.683 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BP008803.D
Acq: 13 Jan 2022 22:23

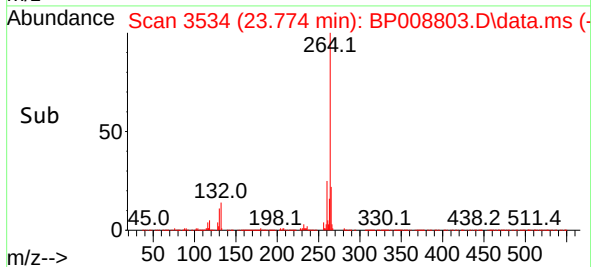
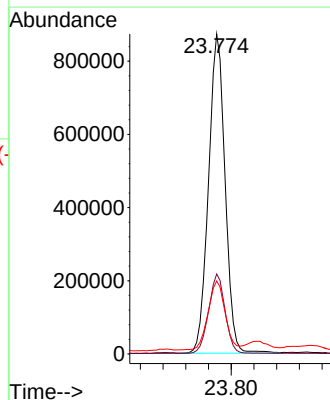
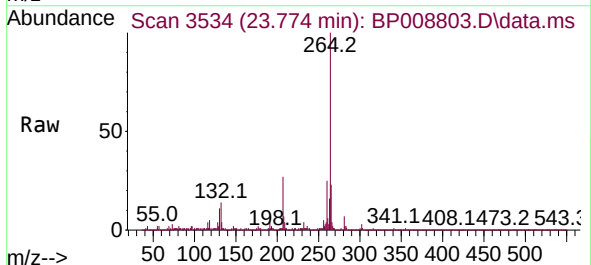
Instrument :
BNA_P
ClientSampleId :
TP-1SDL

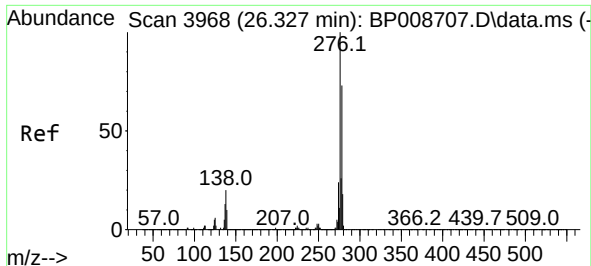
Tgt Ion:228 Resp: 2133532
Ion Ratio Lower Upper
228 100
226 31.0 26.0 39.0
229 21.8 16.9 25.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3534
Delta R.T. 0.006 min
Lab File: BP008803.D
Acq: 13 Jan 2022 22:23

Tgt Ion:264 Resp: 1759484
Ion Ratio Lower Upper
264 100
260 25.0 19.1 28.7
265 22.8 17.1 25.7

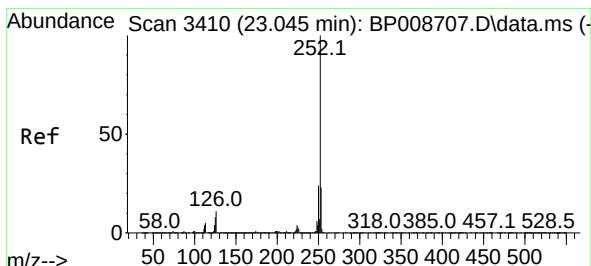
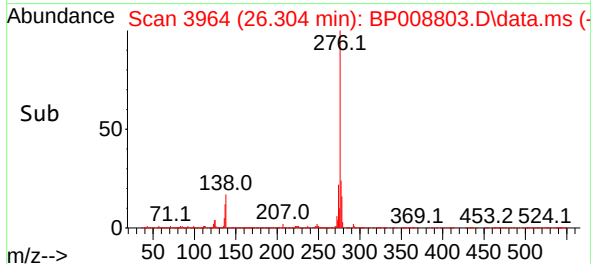
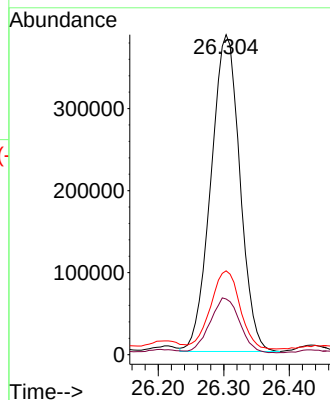
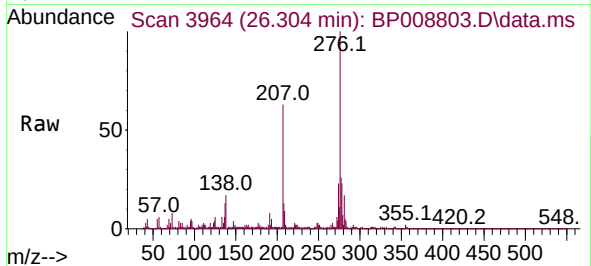




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.433 ng
 RT: 26.304 min Scan# 3409
 Delta R.T. 0.006 min
 Lab File: BP008803.D
 Acq: 13 Jan 2022 22:23

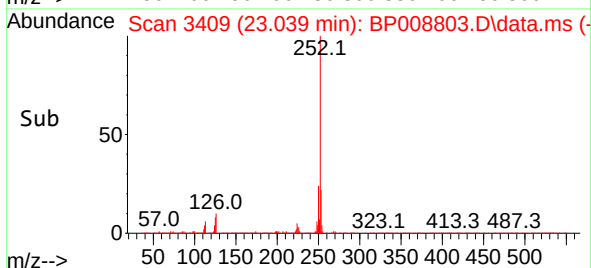
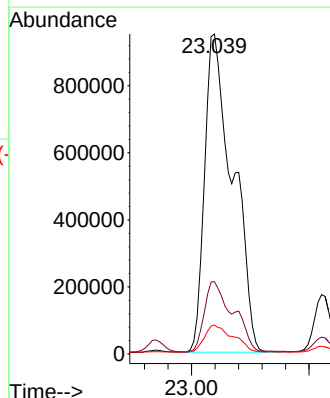
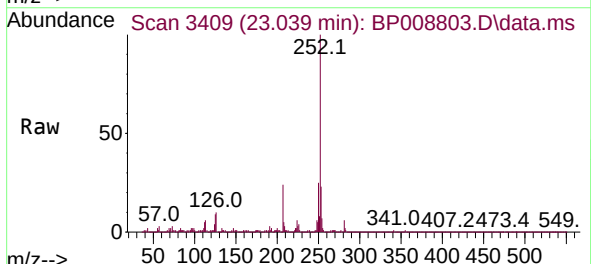
Instrument :
 BNA_P
 ClientSampleId :
 TP-1SDL

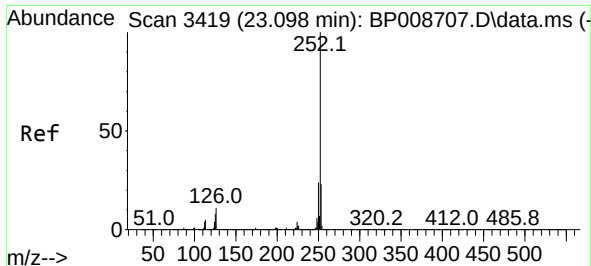
Tgt Ion:276 Resp: 1185680
 Ion Ratio Lower Upper
 276 100
 138 17.7 17.8 26.6#
 277 24.8 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 27.554 ng
 RT: 23.039 min Scan# 3409
 Delta R.T. 0.012 min
 Lab File: BP008803.D
 Acq: 13 Jan 2022 22:23

Tgt Ion:252 Resp: 3167751
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.0 27.0
 125 9.0 6.9 10.3

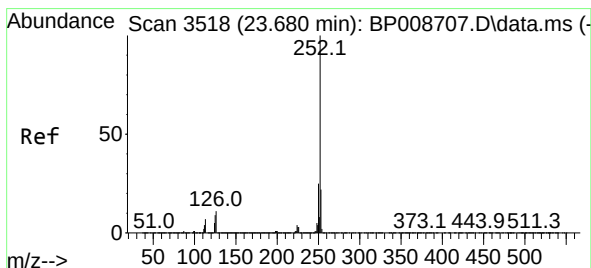
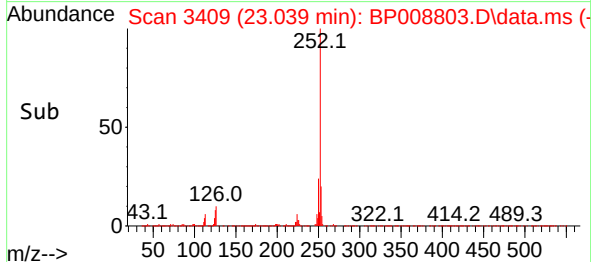
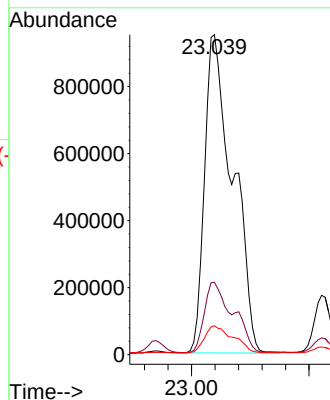
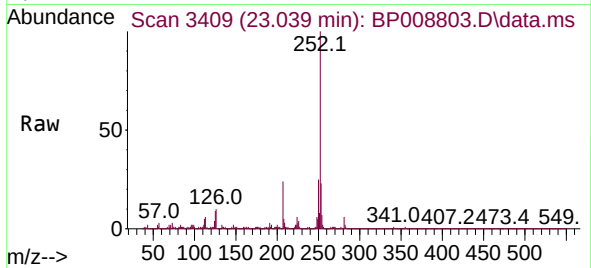




#89
Benzo(k)fluoranthene
Concen: 29.461 ng
RT: 23.039 min Scan# 3419
Delta R.T. -0.041 min
Lab File: BP008803.D
Acq: 13 Jan 2022 22:23

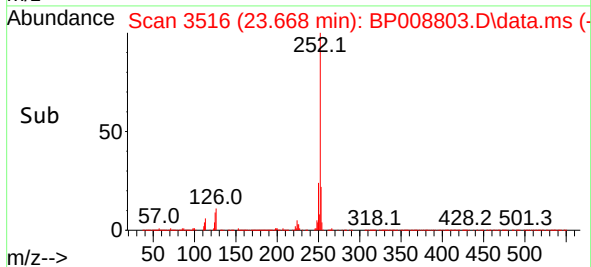
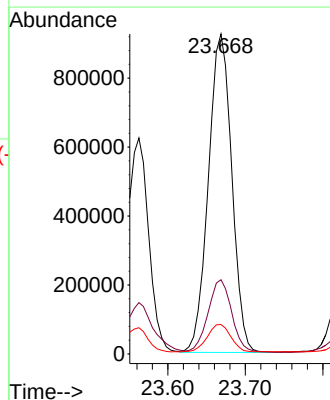
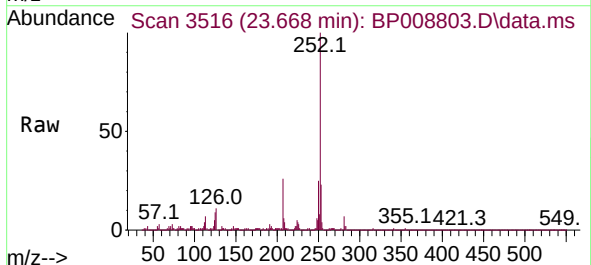
Instrument :
BNA_P
ClientSampleId :
TP-1SDL

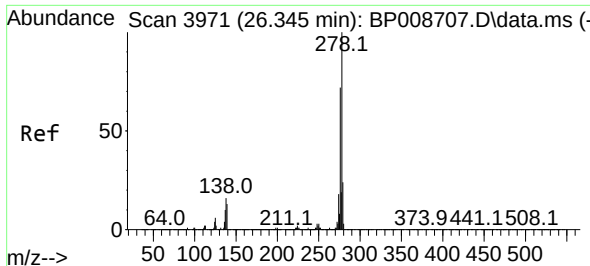
Tgt Ion:252 Resp: 3169788
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 9.0 7.3 10.9



#90
Benzo(a)pyrene
Concen: 17.467 ng
RT: 23.668 min Scan# 3516
Delta R.T. 0.006 min
Lab File: BP008803.D
Acq: 13 Jan 2022 22:23

Tgt Ion:252 Resp: 1940827
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 9.2 7.8 11.6

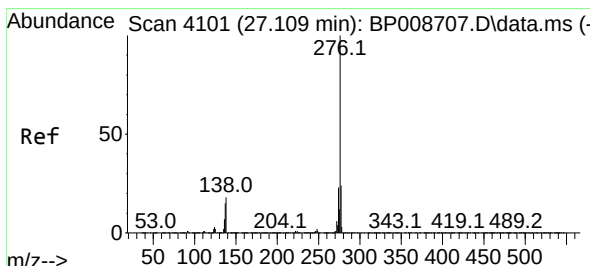
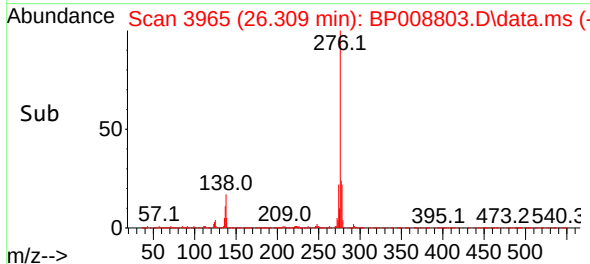
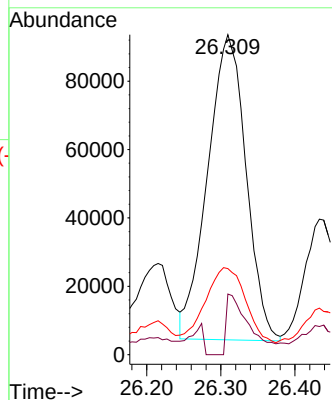
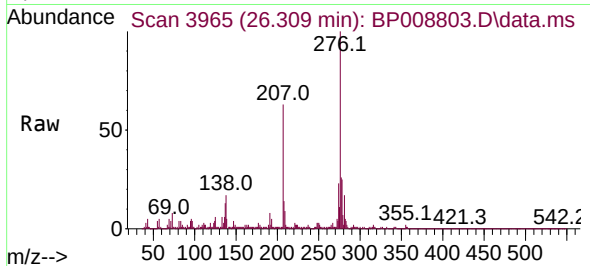




#91
Dibenzo(a,h)anthracene
Concen: 2.701 ng
RT: 26.309 min Scan# 3965
Delta R.T. -0.006 min
Lab File: BP008803.D
Acq: 13 Jan 2022 22:23

Instrument :
BNA_P
ClientSampleId :
TP-1SDL

Tgt Ion:278 Resp: 320914
Ion Ratio Lower Upper
278 100
139 18.9 11.5 17.3#
279 26.9 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 9.708 ng
RT: 27.080 min Scan# 4096
Delta R.T. 0.006 min
Lab File: BP008803.D
Acq: 13 Jan 2022 22:23

Tgt Ion:276 Resp: 1144741
Ion Ratio Lower Upper
276 100
277 25.4 19.2 28.8
138 18.3 15.0 22.4

