

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
 Data File : BP007219.D
 Acq On : 27 Sep 2021 22:57
 Operator : CG/JU
 Sample : M3956-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SS01-NA

Quant Time: Sep 28 02:53:04 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 23 11:17:25 2021
 Response via : Initial Calibration

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

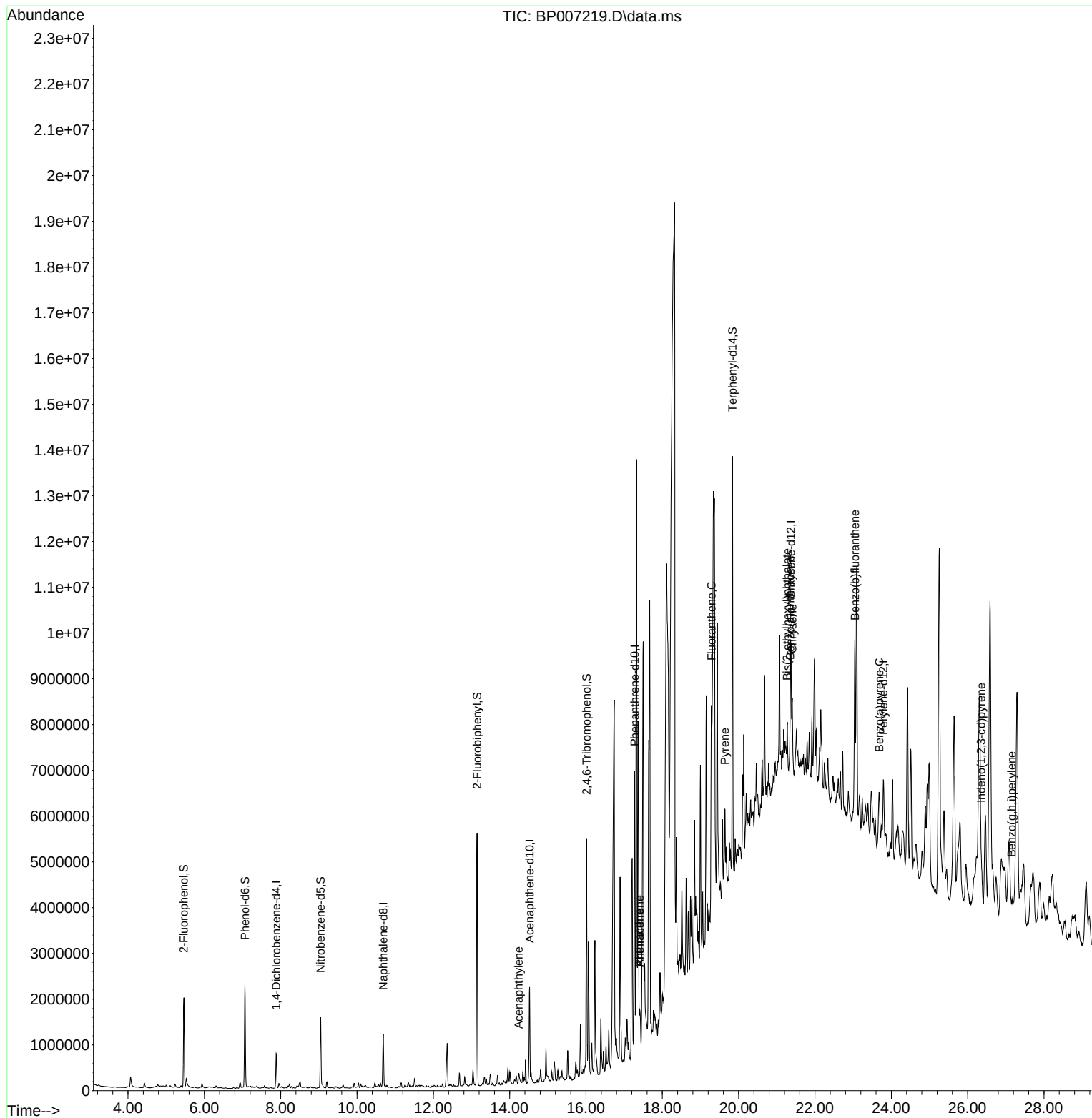
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	220667	20.000	ng	0.00
21) Naphthalene-d8	10.687	136	1002086	20.000	ng	# 0.00
39) Acenaphthene-d10	14.522	164	746843	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	1511709	20.000	ng	0.00
76) Chrysene-d12	21.368	240	1216811	20.000	ng	0.01
86) Perylene-d12	23.792	264	1243860	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	963402	73.082	ng	0.00
7) Phenol-d6	7.063	99	1441020	79.980	ng	0.00
23) Nitrobenzene-d5	9.046	82	905599	52.629	ng	-0.01
42) 2,4,6-Tribromophenol	16.016	330	1144793	118.234	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	2962149	56.821	ng	0.00
79) Terphenyl-d14	19.839	244	4680389	73.708	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.239	152	138635	2.092	ng	98
71) Phenanthrene	17.404	178	200569	2.474	ng	98
72) Anthracene	17.404	178	200569	2.529	ng	97
75) Fluoranthene	19.286	202	1270649	13.606	ng	97
78) Pyrene	19.639	202	1199602	15.026	ng	97
81) Benzo(a)anthracene	21.351	228	569639	7.212	ng	94
83) Chrysene	21.404	228	712386	9.437	ng	96
84) Bis(2-ethylhexyl)phtha...	21.268	149	263197	5.726	ng	# 90
87) Indeno(1,2,3-cd)pyrene	26.351	276	499757	5.591	ng	98
88) Benzo(b)fluoranthene	23.051	252	1354434	18.221	ng	# 82
90) Benzo(a)pyrene	23.686	252	576876	9.134	ng	# 84
92) Benzo(g,h,i)perylene	27.150	276	504648	6.903	ng	# 89

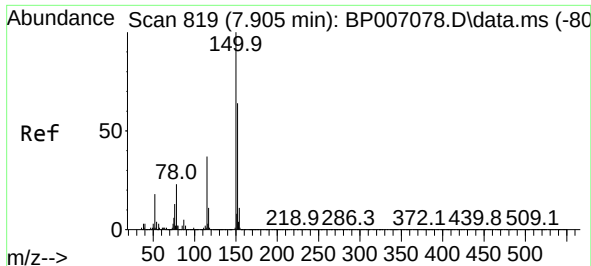
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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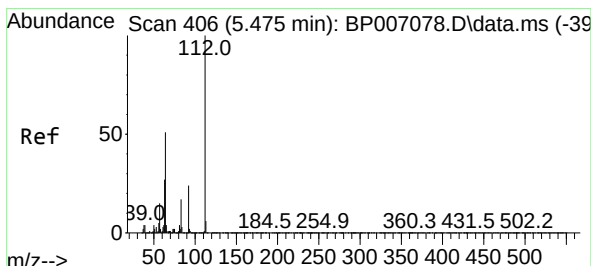
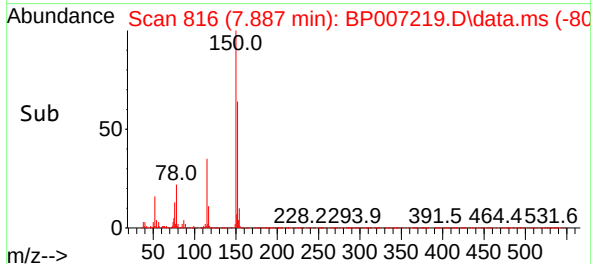
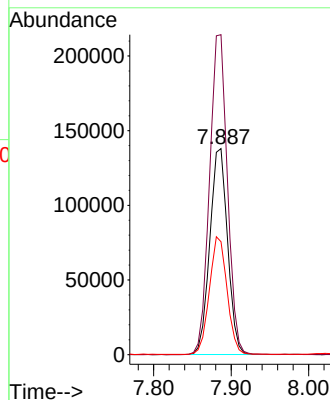
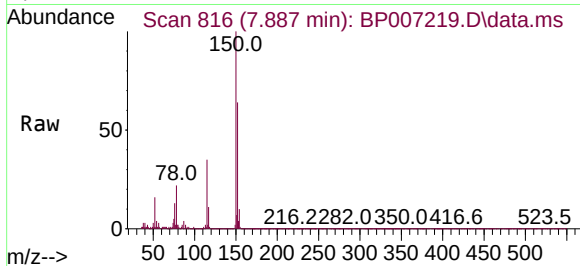




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

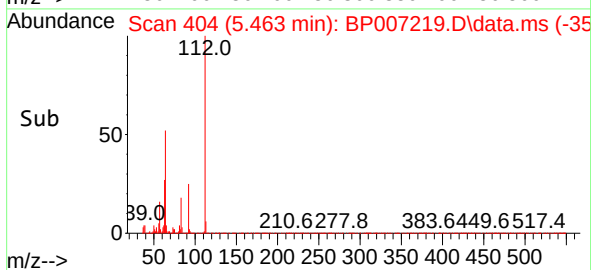
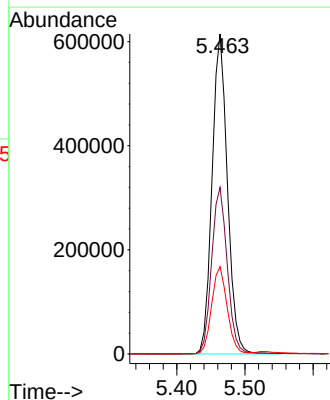
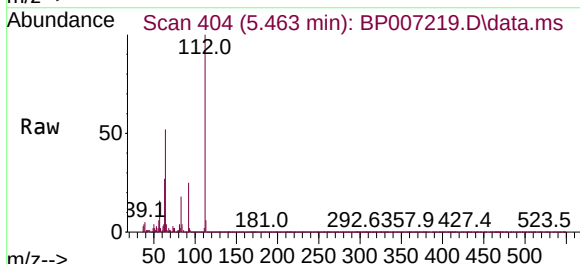
Instrument :
BNA_P
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SS01-NA

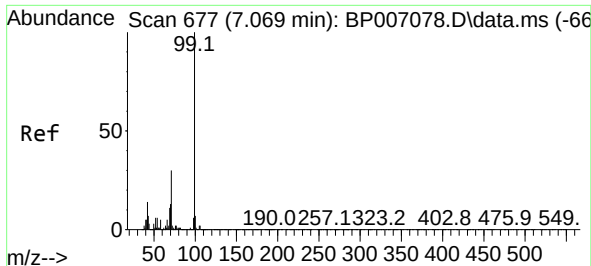
Tgt Ion:152 Resp: 220667
Ion Ratio Lower Upper
152 100
150 155.3 125.6 188.4
115 54.8 48.5 72.7



#5
2-Fluorophenol
Concen: 73.082 ng
RT: 5.463 min Scan# 404
Delta R.T. -0.000 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

Tgt Ion:112 Resp: 963402
Ion Ratio Lower Upper
112 100
64 52.1 41.4 62.2
63 27.3 23.8 35.8

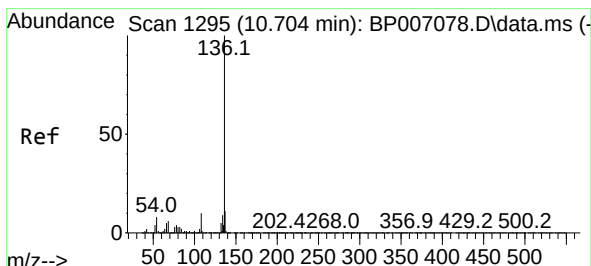
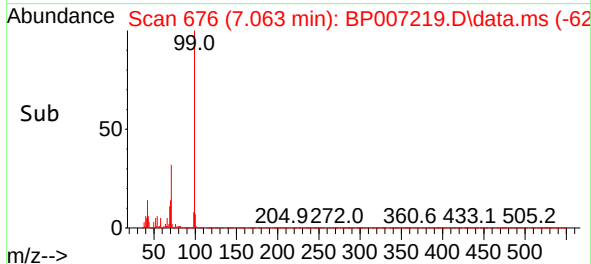
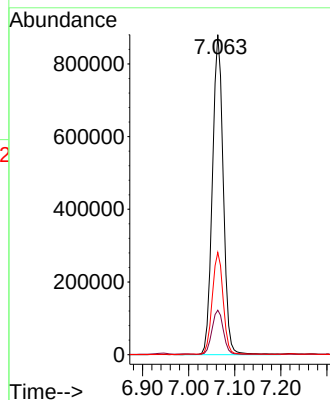
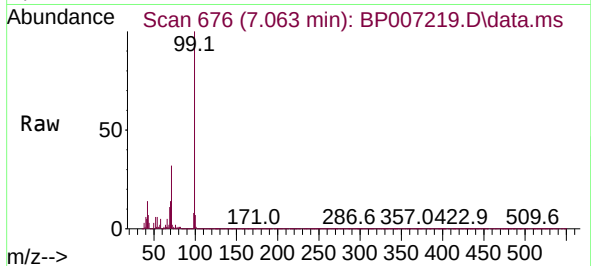




#7
Phenol-d6
Concen: 79.980 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

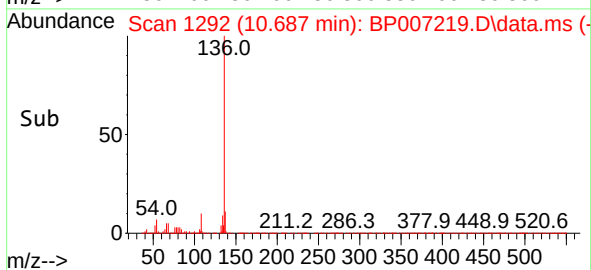
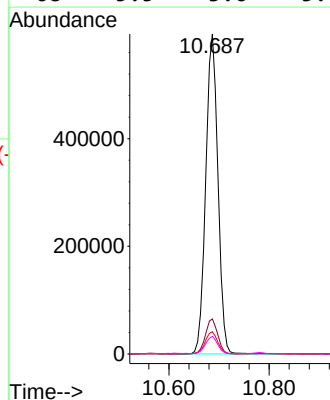
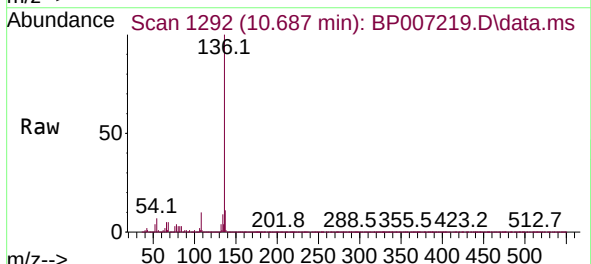
Instrument :
BNA_P
ClientSampleId :
SS01-NA

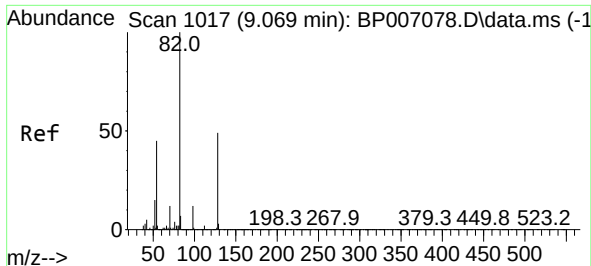
Tgt Ion: 99 Resp: 1441020
Ion Ratio Lower Upper
99 100
42 13.9 13.4 20.0
71 31.9 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

Tgt Ion: 136 Resp: 1002086
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.0 4.6 6.8#
68 5.5 3.6 5.4#

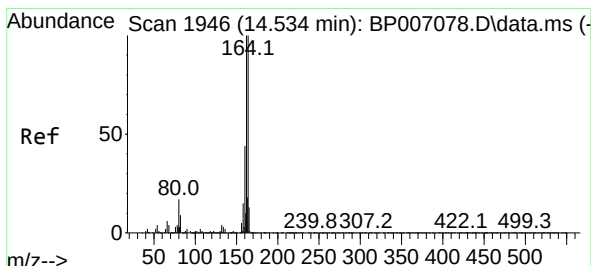
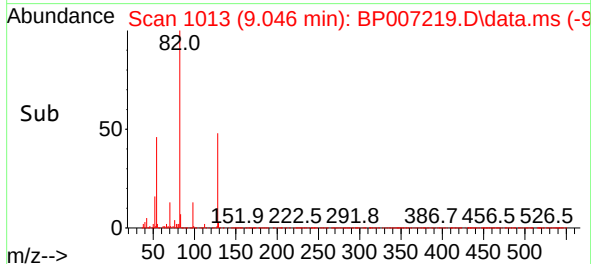
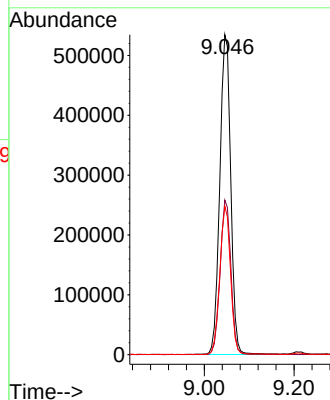
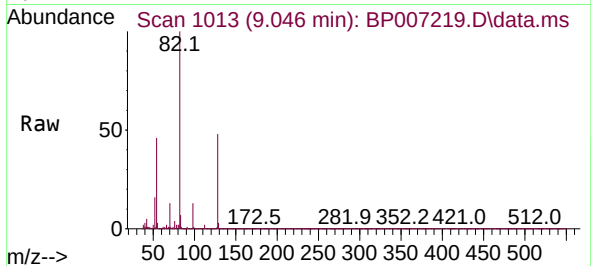




#23
Nitrobenzene-d5
Concen: 52.629 ng
RT: 9.046 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

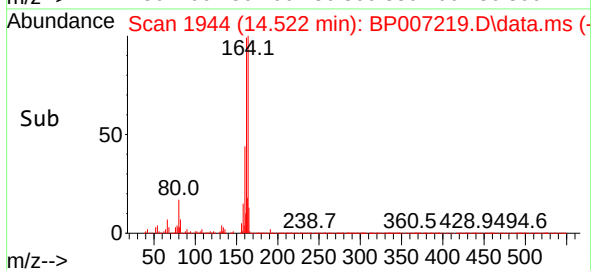
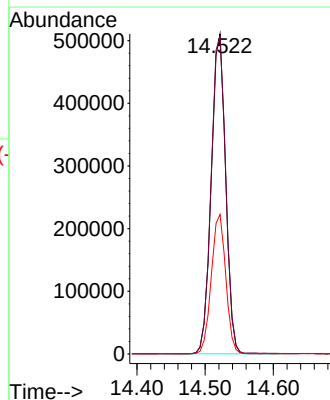
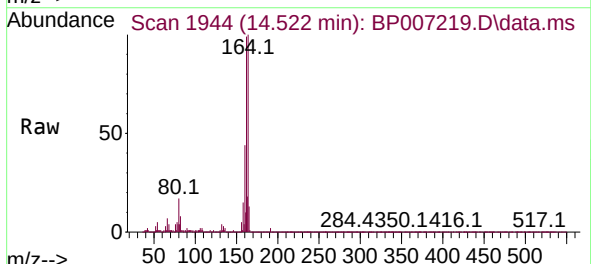
Instrument :
BNA_P
ClientSampleId :
SS01-NA

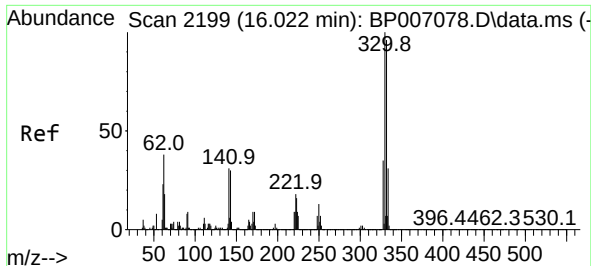
Tgt Ion: 82 Resp: 905599
Ion Ratio Lower Upper
82 100
128 48.3 35.7 53.5
54 46.3 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

Tgt Ion:164 Resp: 746843
Ion Ratio Lower Upper
164 100
162 99.3 80.2 120.2
160 43.6 34.5 51.7

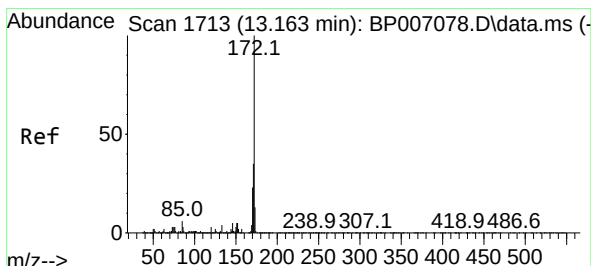
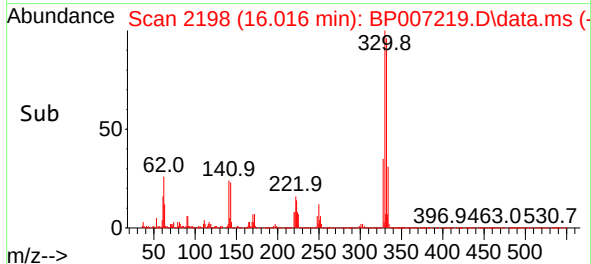
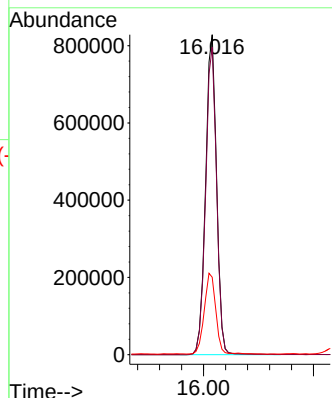
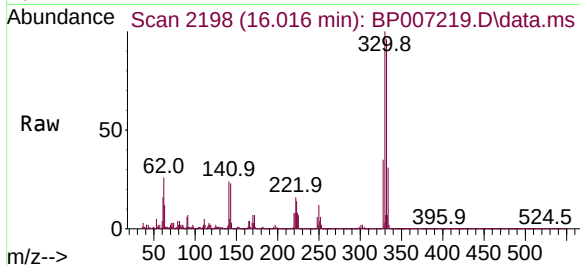




#42
2,4,6-Tribromophenol
Concen: 118.234 ng
RT: 16.016 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

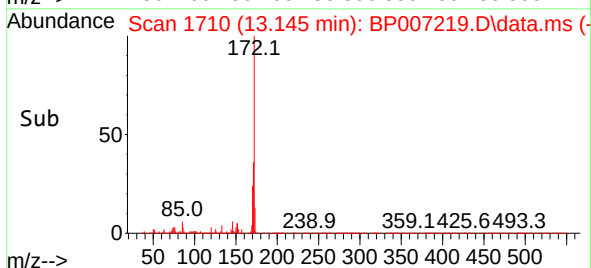
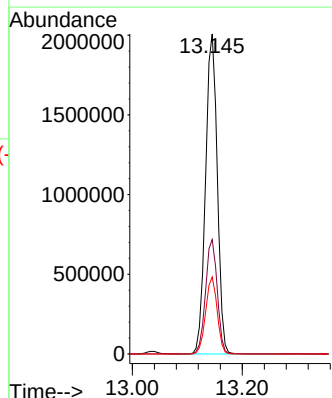
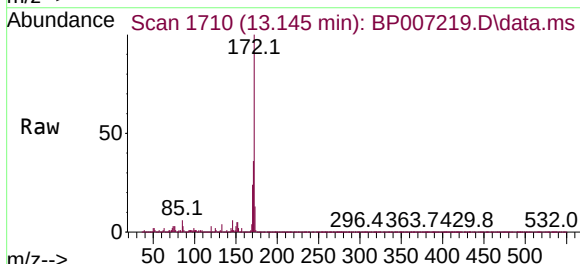
Instrument :
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ClientSampleId :
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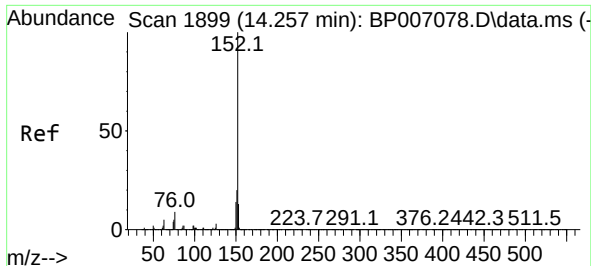
Tgt Ion:330 Resp: 1144793
Ion Ratio Lower Upper
330 100
332 96.2 77.8 116.8
141 26.3 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 56.821 ng
RT: 13.145 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

Tgt Ion:172 Resp: 2962149
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 24.0 18.6 27.8

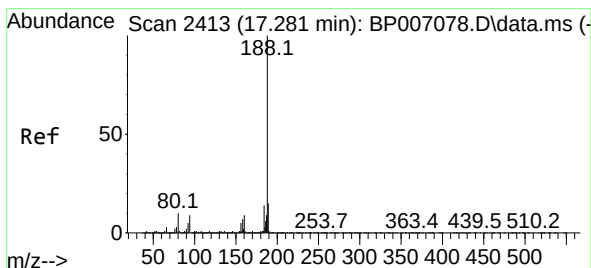
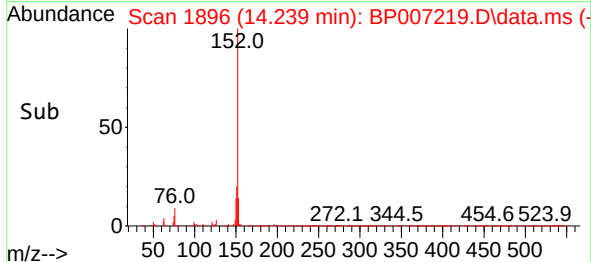
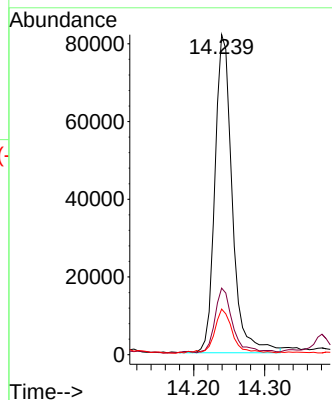
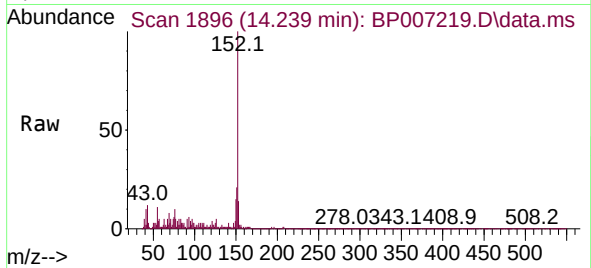




#49
Acenaphthylene
Concen: 2.092 ng
RT: 14.239 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

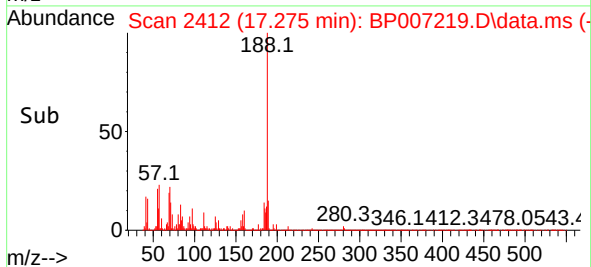
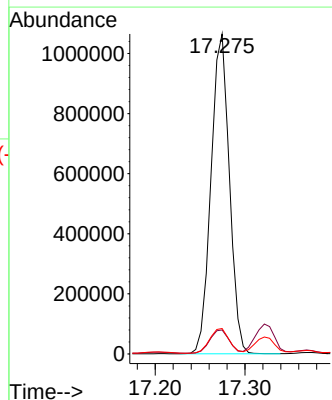
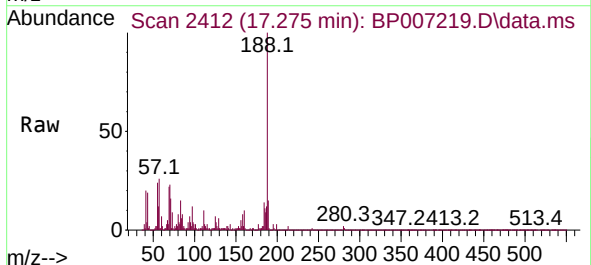
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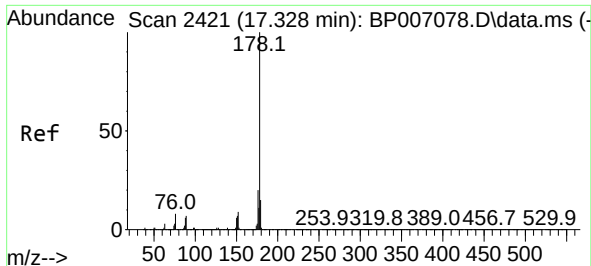
Tgt Ion:152 Resp: 138635
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2
153 14.2 10.6 16.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

Tgt Ion:188 Resp: 1511709
Ion Ratio Lower Upper
188 100
94 7.5 5.6 8.4
80 7.9 6.3 9.5

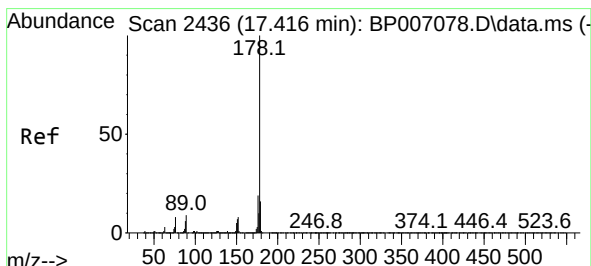
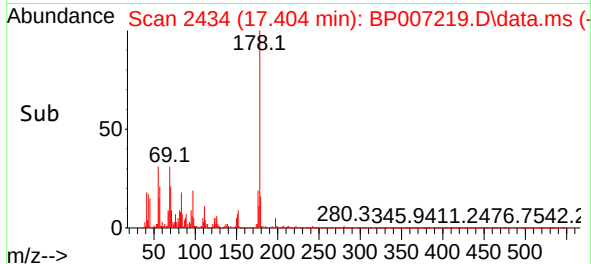
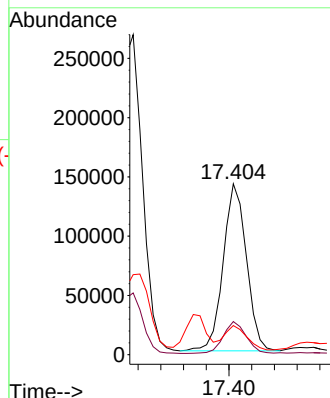
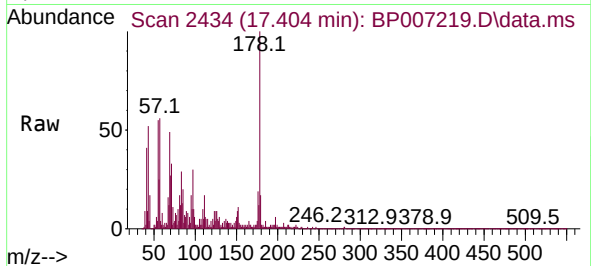




#71
Phenanthrene
Concen: 2.474 ng
RT: 17.404 min Scan# 2434
Delta R.T. 0.088 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

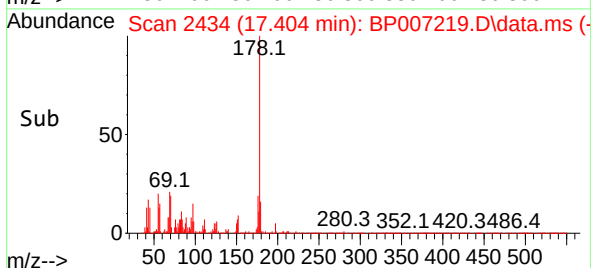
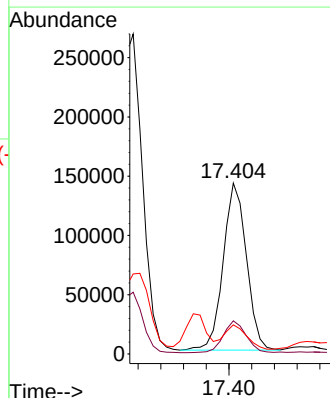
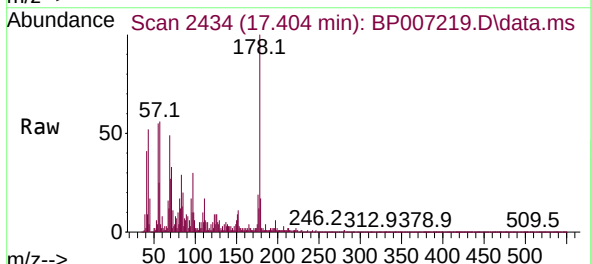
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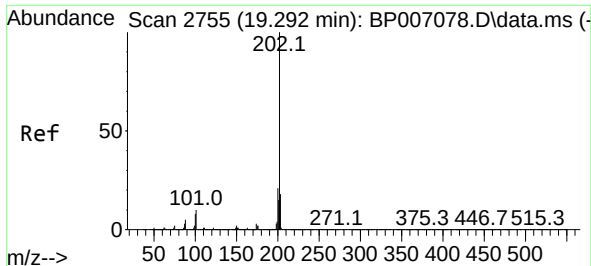
Tgt Ion:178 Resp: 200569
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 17.1 12.4 18.6



#72
Anthracene
Concen: 2.529 ng
RT: 17.404 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

Tgt Ion:178 Resp: 200569
Ion Ratio Lower Upper
178 100
176 19.4 14.9 22.3
179 17.1 12.2 18.2

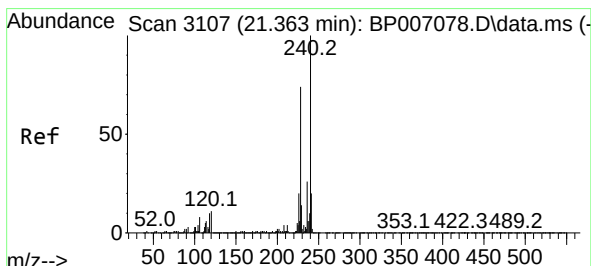
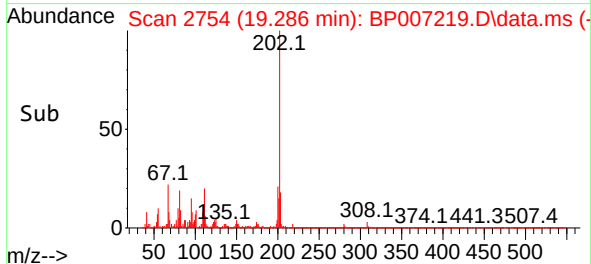
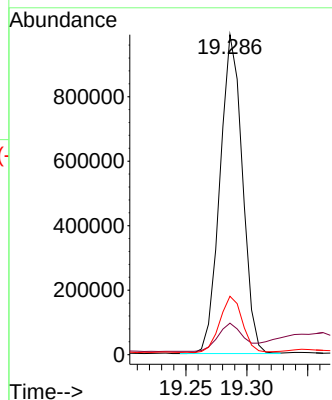
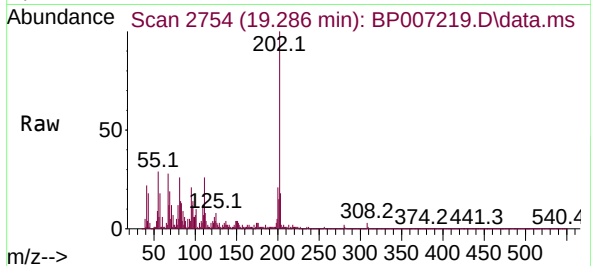




#75
Fluoranthene
Concen: 13.606 ng
RT: 19.286 min Scan# 2754
Delta R.T. 0.006 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

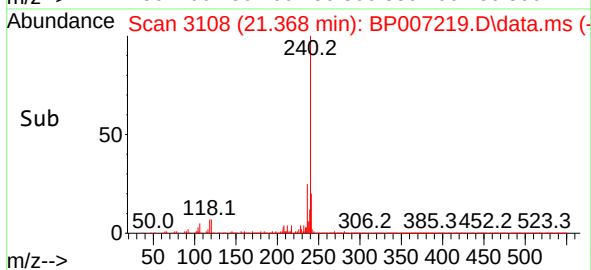
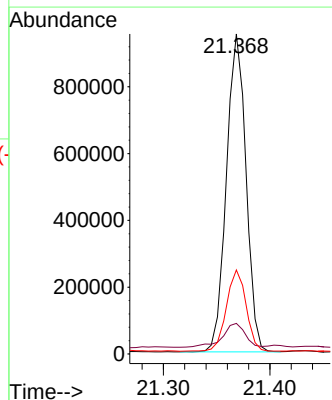
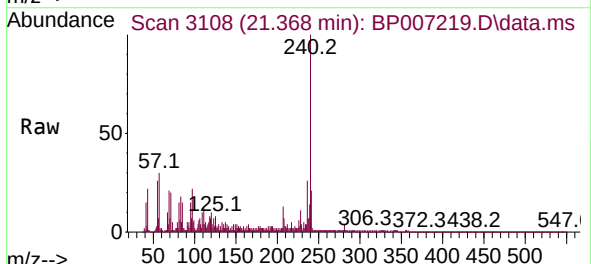
Instrument :
BNA_P
ClientSampleId :
SS01-NA

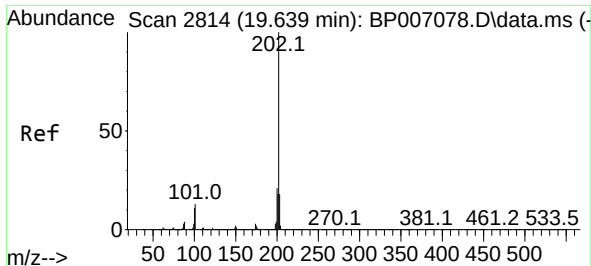
Tgt Ion:202 Resp: 1270649
Ion Ratio Lower Upper
202 100
101 9.8 0.0 27.6
203 18.2 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.368 min Scan# 3108
Delta R.T. 0.012 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

Tgt Ion:240 Resp: 1216811
Ion Ratio Lower Upper
240 100
120 9.6 6.5 9.7
236 26.3 20.6 31.0

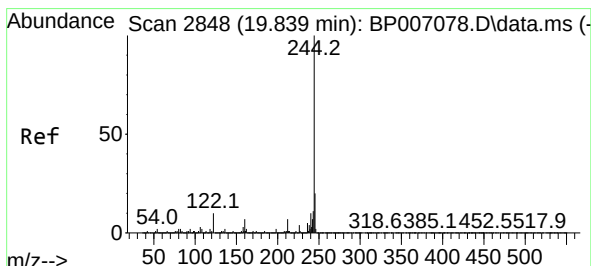
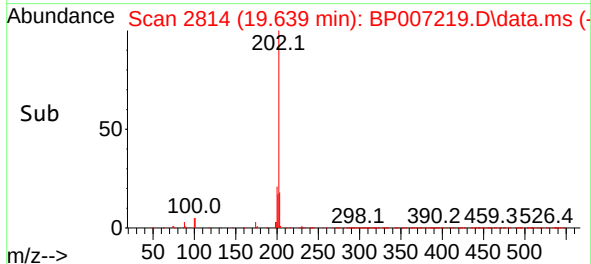
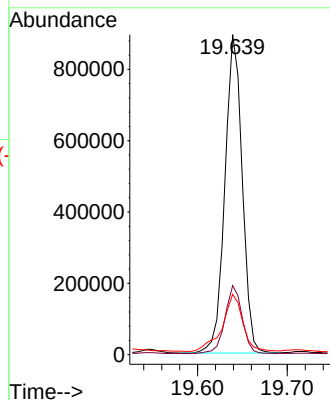
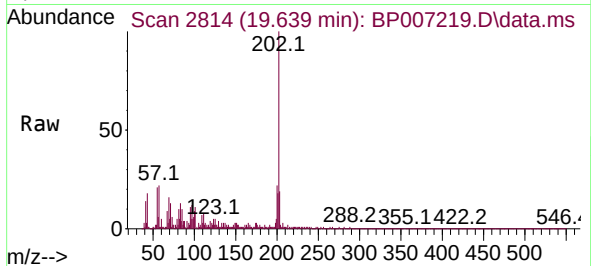




#78
Pyrene
Concen: 15.026 ng
RT: 19.639 min Scan# 2814
Delta R.T. 0.006 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

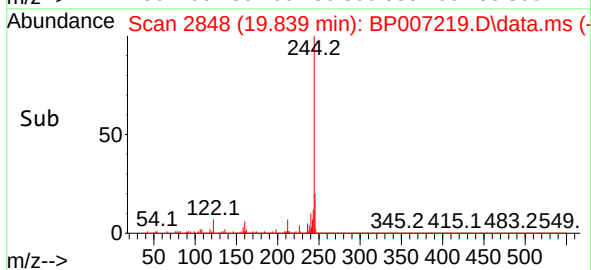
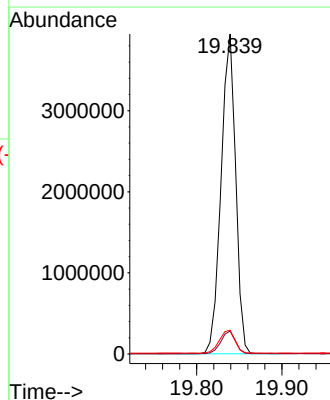
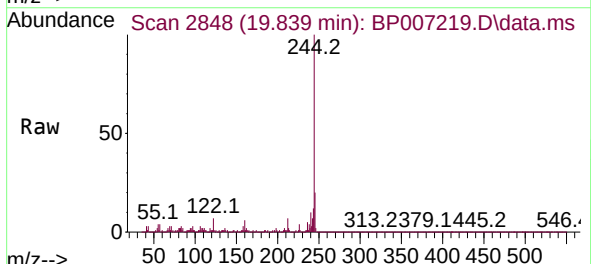
Instrument :
BNA_P
ClientSampleId :
SS01-NA

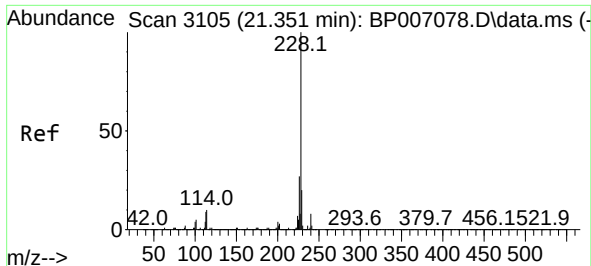
Tgt Ion:202 Resp: 1199602
Ion Ratio Lower Upper
202 100
200 21.6 16.3 24.5
203 18.9 14.2 21.2



#79
Terphenyl-d14
Concen: 73.708 ng
RT: 19.839 min Scan# 2848
Delta R.T. 0.006 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

Tgt Ion:244 Resp: 4680389
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 7.4 7.1 10.7

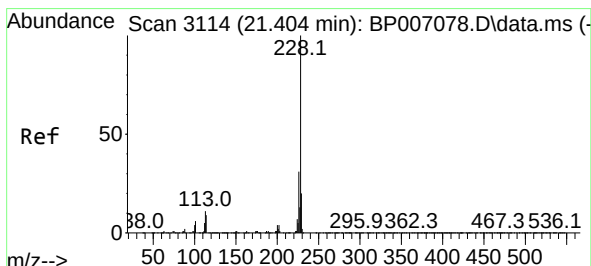
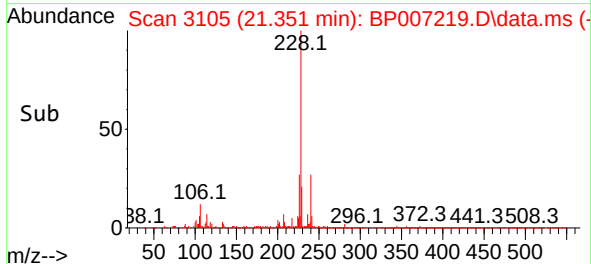
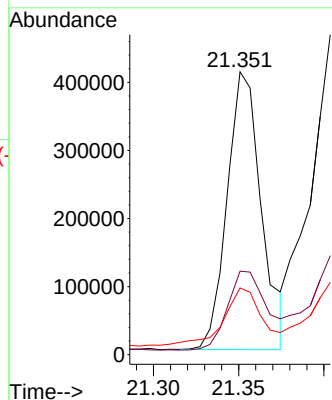
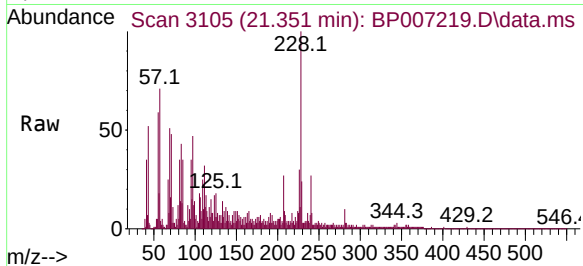




#81
Benzo(a)anthracene
Concen: 7.212 ng
RT: 21.351 min Scan# 3105
Delta R.T. 0.006 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

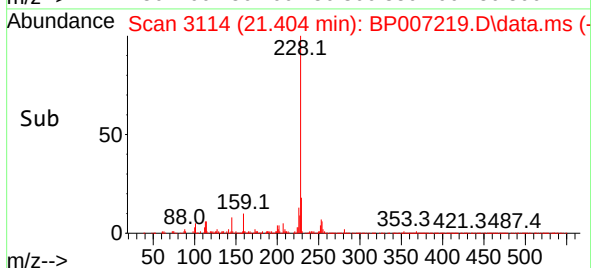
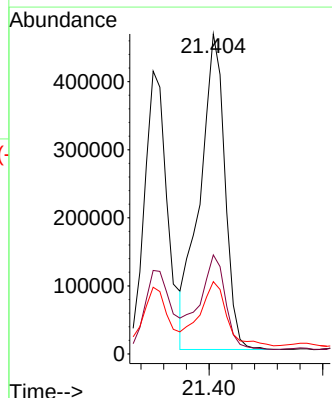
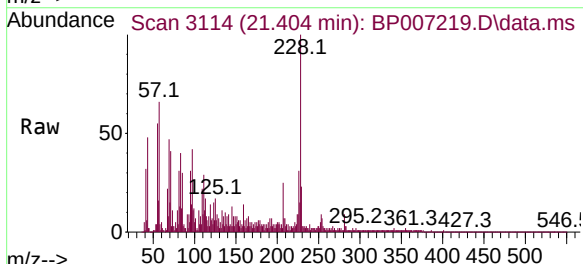
Instrument :
BNA_P
ClientSampleId :
SS01-NA

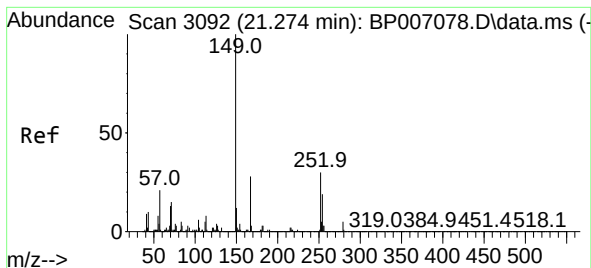
Tgt Ion:	228	Resp:	569639
Ion Ratio	Lower	Upper	
228	100		
226	29.5	21.6	32.4
229	23.6	15.8	23.6



#83
Chrysene
Concen: 9.437 ng
RT: 21.404 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

Tgt Ion:	228	Resp:	712386
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.8	35.6
229	22.6	15.4	23.2

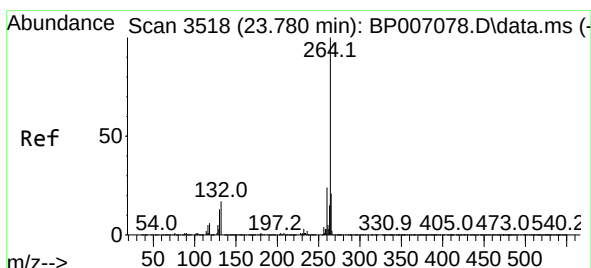
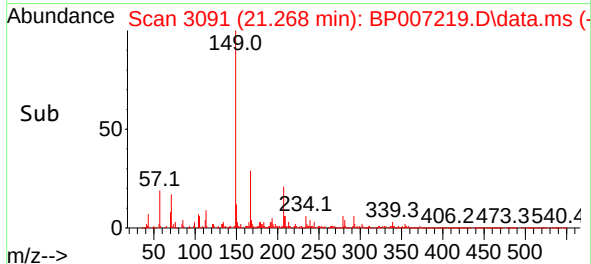
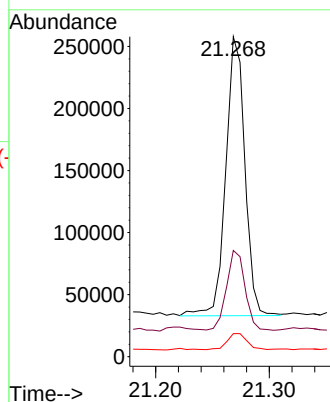
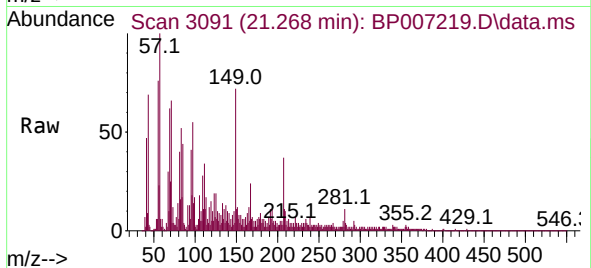




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.726 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

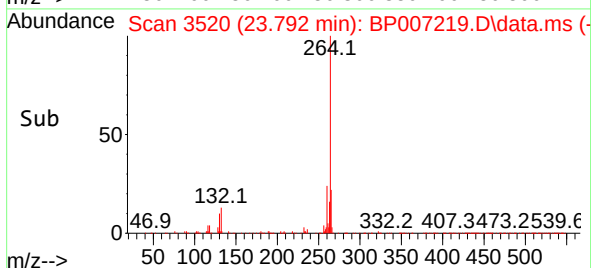
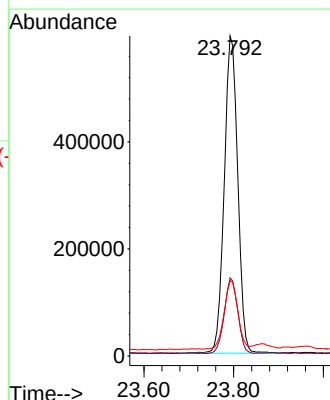
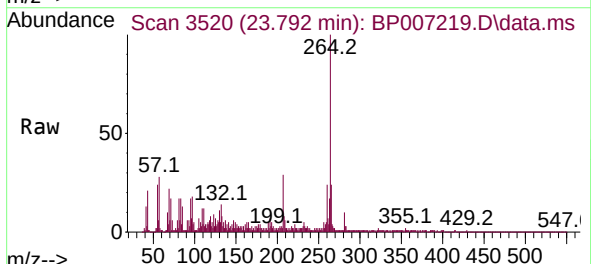
Instrument :
BNA_P
ClientSampleId :
SS01-NA

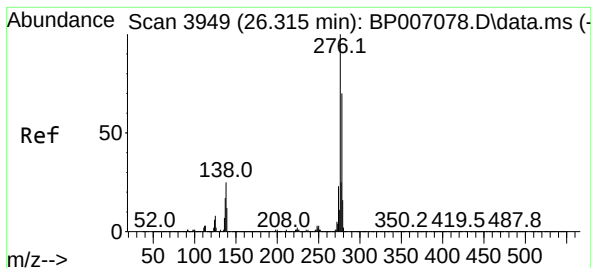
Tgt Ion:149 Resp: 263197
Ion Ratio Lower Upper
149 100
167 33.2 21.9 32.9#
279 7.2 4.3 6.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.792 min Scan# 3520
Delta R.T. 0.023 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

Tgt Ion:264 Resp: 1243860
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 23.5 17.6 26.4

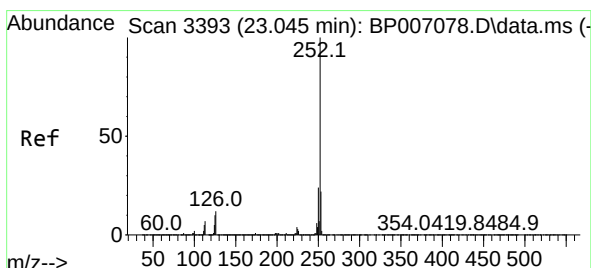
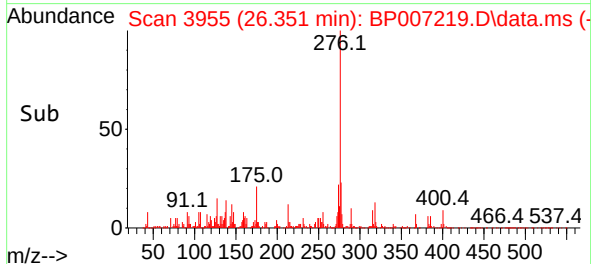
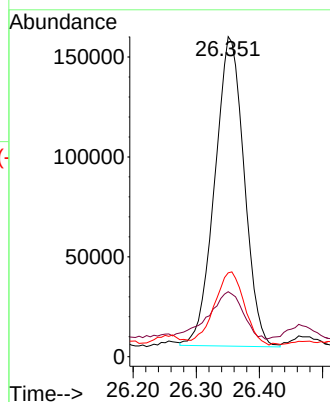
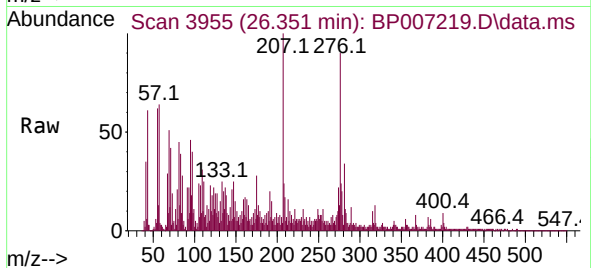




#87
Indeno(1,2,3-cd)pyrene
Concen: 5.591 ng
RT: 26.351 min Scan# 3955
Delta R.T. 0.047 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

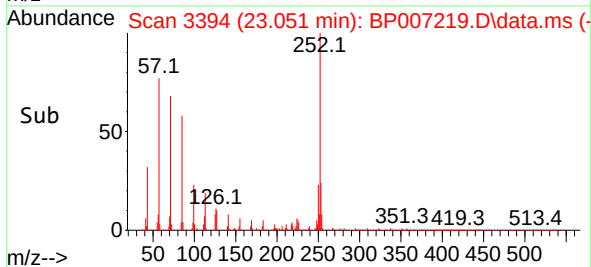
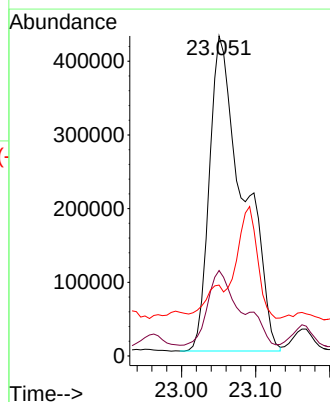
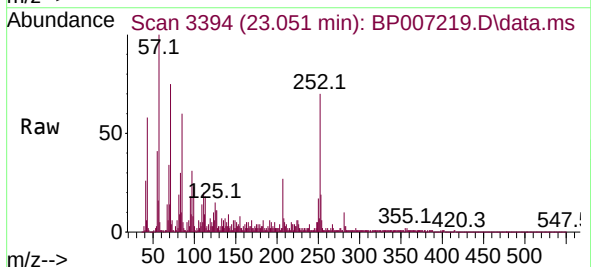
Instrument :
BNA_P
ClientSampleId :
SS01-NA

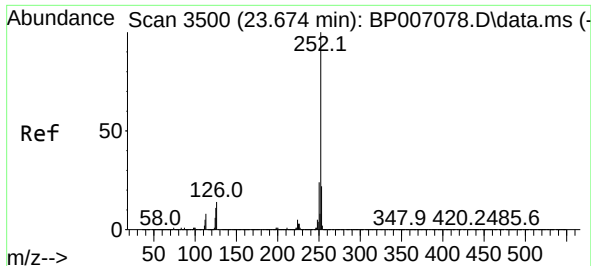
Tgt Ion:	276	Resp:	499757
Ion Ratio	Lower	Upper	
276	100		
138	18.2	15.3	22.9
277	24.1	20.4	30.6



#88
Benzo(b)fluoranthene
Concen: 18.221 ng
RT: 23.051 min Scan# 3394
Delta R.T. 0.017 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

Tgt Ion:	252	Resp:	1354434
Ion Ratio	Lower	Upper	
252	100		
253	26.7	17.5	26.3#
125	22.2	6.2	9.4#

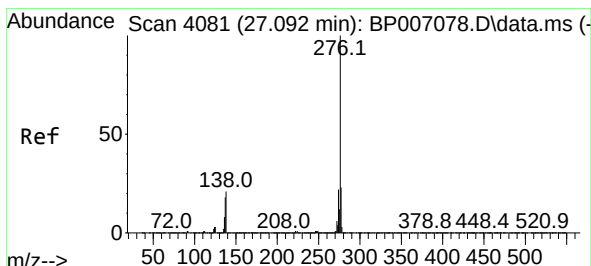
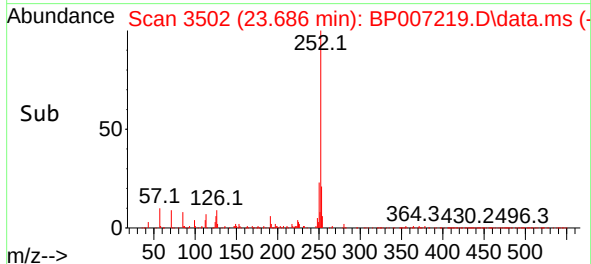
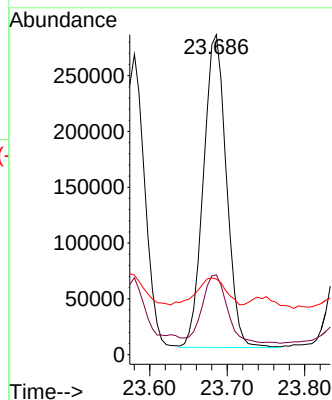
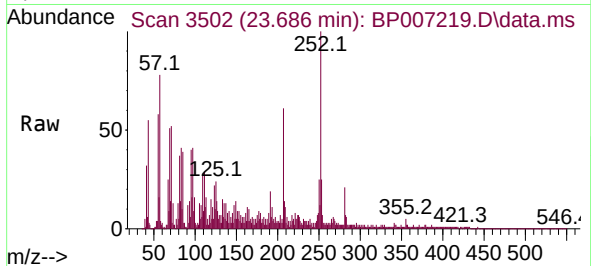




#90
Benzo(a)pyrene
Concen: 9.134 ng
RT: 23.686 min Scan# 3502
Delta R.T. 0.017 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

Instrument :
BNA_P
ClientSampleId :
SS01-NA

Tgt Ion:252 Resp: 576876
Ion Ratio Lower Upper
252 100
253 25.0 17.9 26.9
125 23.6 6.5 9.7#



#92
Benzo(g,h,i)perylene
Concen: 6.903 ng
RT: 27.150 min Scan# 4091
Delta R.T. 0.076 min
Lab File: BP007219.D
Acq: 27 Sep 2021 22:57

Tgt Ion:276 Resp: 504648
Ion Ratio Lower Upper
276 100
277 26.5 18.9 28.3
138 23.2 12.6 18.8#

