

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
 Data File : BP007125.D
 Acq On : 23 Sep 2021 14:34
 Operator : CG/JU
 Sample : M3871-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SS01-BL-(0.0)

Quant Time: Sep 23 15:00:02 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)

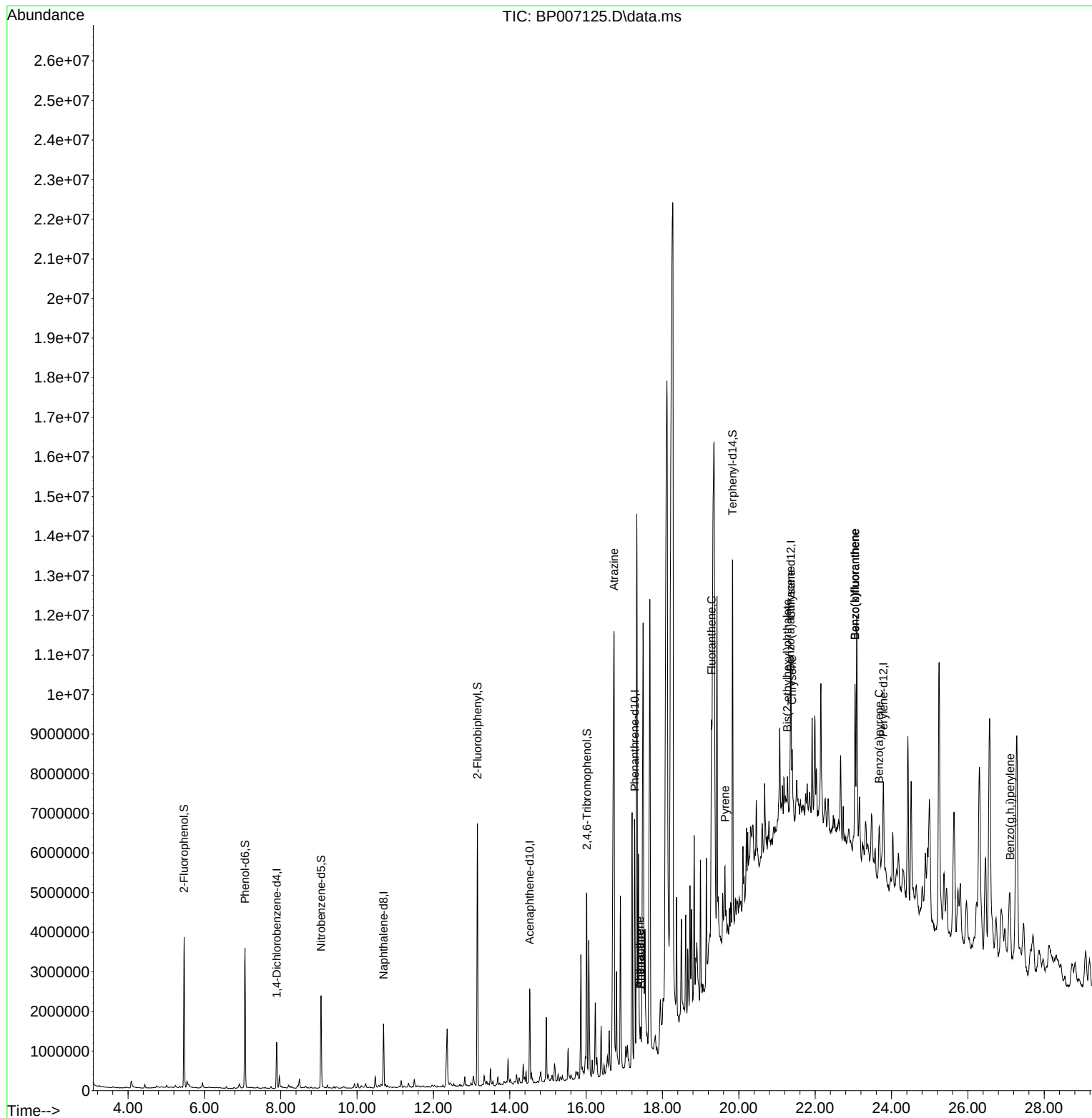
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	338011	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	1340889	20.000	ng	# 0.00
39) Acenaphthene-d10	14.522	164	842629	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	1623851	20.000	ng	# 0.00
76) Chrysene-d12	21.363	240	1633692	20.000	ng	# 0.00
86) Perylene-d12	23.786	264	1775074	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	1759332	87.128	ng	0.00
7) Phenol-d6	7.064	99	2217200	80.339	ng	0.00
23) Nitrobenzene-d5	9.058	82	1379869	59.929	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	999000	91.448	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	3512360	59.717	ng	0.00
79) Terphenyl-d14	19.833	244	4924254	57.760	ng	0.00
Target Compounds						
						Qvalue
69) Atrazine	16.734	200	35251	2.070	ng	# 54
71) Phenanthrene	17.404	178	182564	2.097	ng	98
72) Anthracene	17.404	178	182564	2.143	ng	98
75) Fluoranthene	19.286	202	1178373	11.747	ng	96
78) Pyrene	19.639	202	1153569	10.762	ng	98
81) Benzo(a)anthracene	21.351	228	668307	6.302	ng	93
83) Chrysene	21.398	228	724150	7.145	ng	97
84) Bis(2-ethylhexyl)phtha...	21.275	149	167716	2.718	ng	# 87
88) Benzo(b)fluoranthene	23.045	252	1185376	11.174	ng	# 78
89) Benzo(k)fluoranthene	23.045	252	1185376	11.036	ng	# 78
90) Benzo(a)pyrene	23.674	252	694841	7.710	ng	# 85
92) Benzo(g,h,i)perylene	27.110	276	588884	5.645	ng	# 89

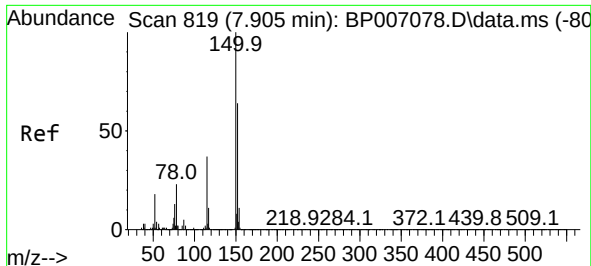
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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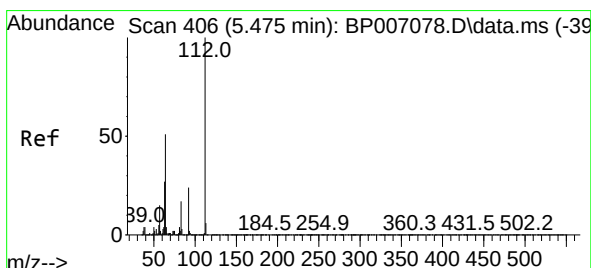
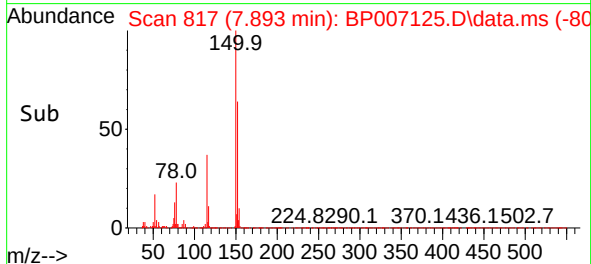
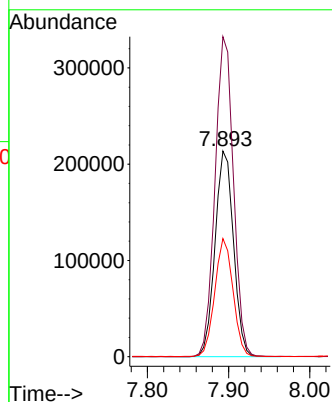
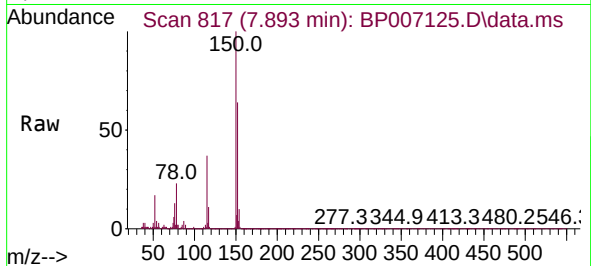




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

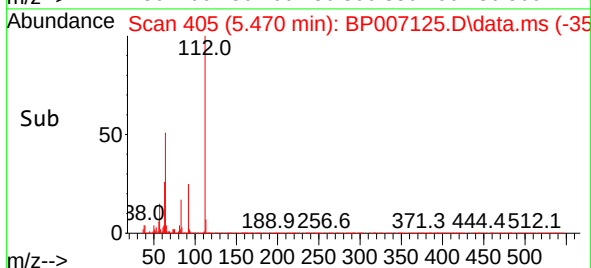
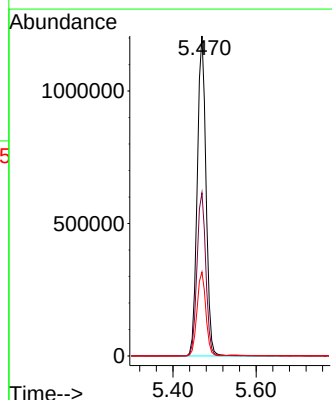
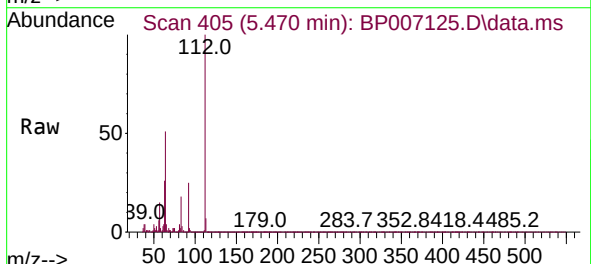
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BNA_P
ClientSampleId :
SS01-BL-(0.0)

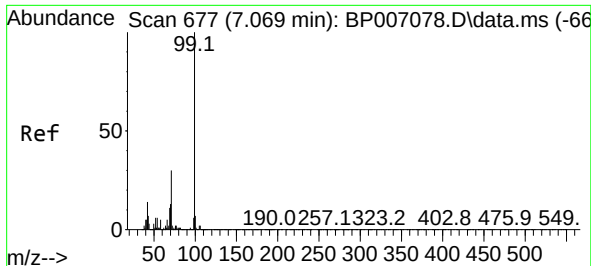
Tgt Ion:152 Resp: 338011
Ion Ratio Lower Upper
152 100
150 155.6 125.6 188.4
115 57.4 48.5 72.7



#5
2-Fluorophenol
Concen: 87.128 ng
RT: 5.470 min Scan# 405
Delta R.T. 0.006 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

Tgt Ion:112 Resp: 1759332
Ion Ratio Lower Upper
112 100
64 51.0 41.4 62.2
63 26.2 23.8 35.8

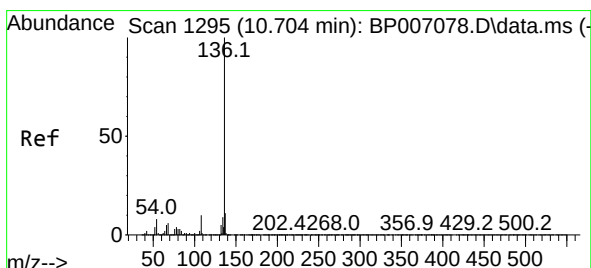
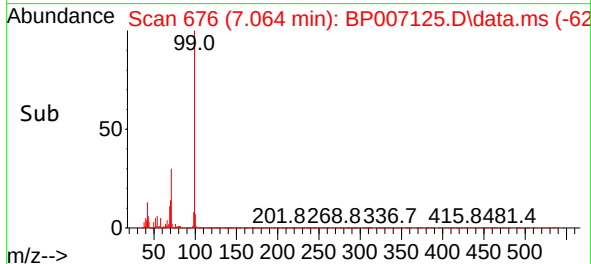
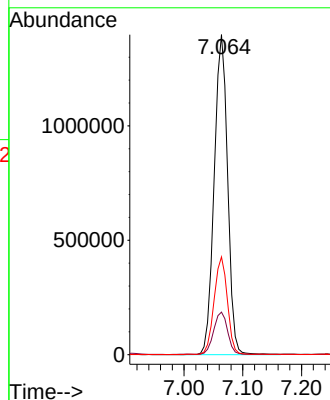
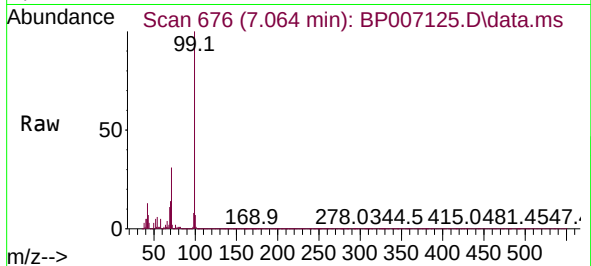




#7
Phenol-d6
Concen: 80.339 ng
RT: 7.064 min Scan# 676
Delta R.T. 0.000 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

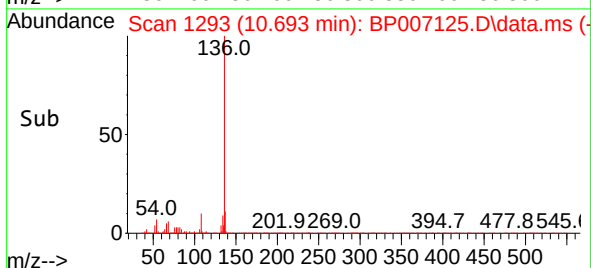
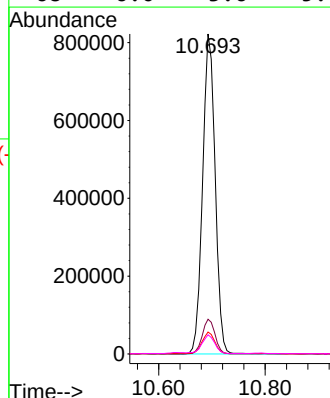
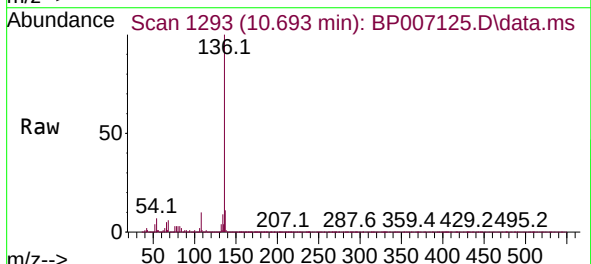
Instrument :
BNA_P
ClientSampleId :
SS01-BL-(0.0)

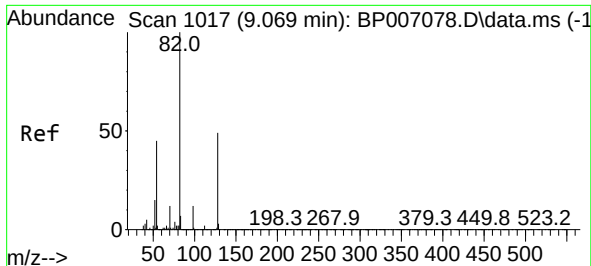
Tgt Ion: 99 Resp: 2217200
Ion Ratio Lower Upper
99 100
42 13.3 13.4 20.0#
71 30.5 30.6 46.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

Tgt Ion: 136 Resp: 1340889
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.9 4.6 6.8#
68 6.0 3.6 5.4#

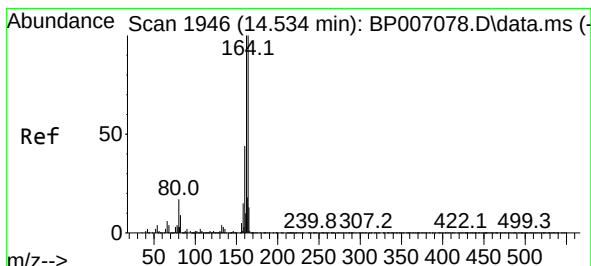
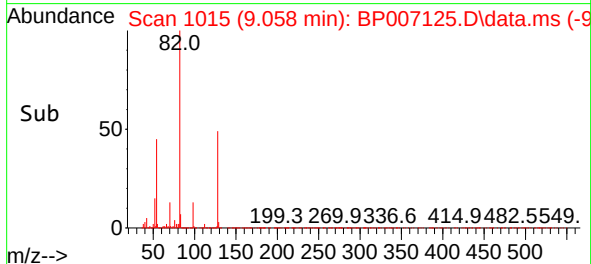
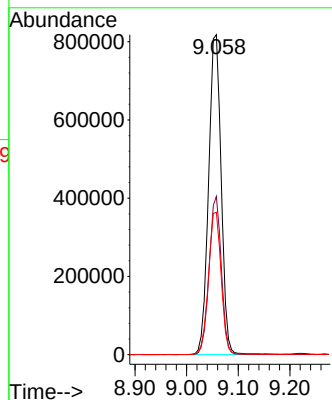
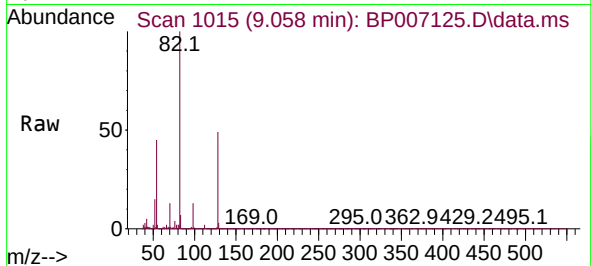




#23
Nitrobenzene-d5
Concen: 59.929 ng
RT: 9.058 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

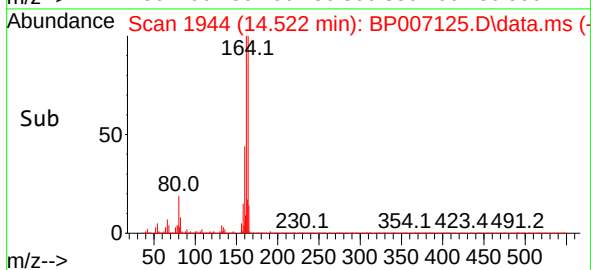
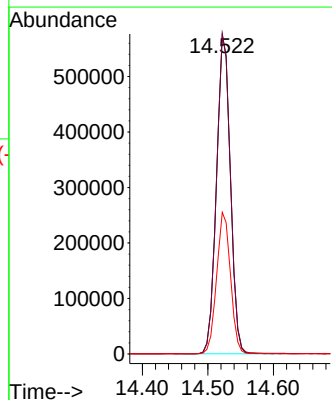
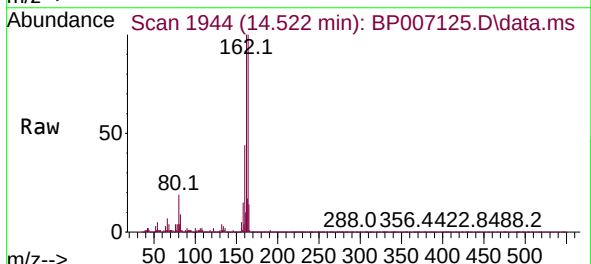
Instrument :
BNA_P
ClientSampleId :
SS01-BL-(0.0)

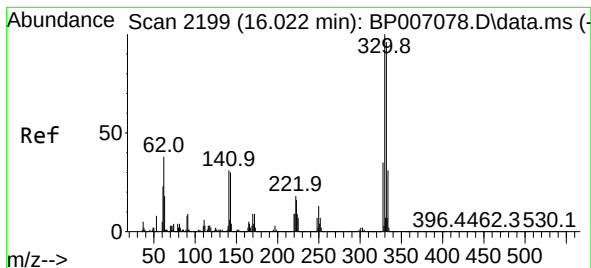
Tgt Ion: 82 Resp: 1379869
Ion Ratio Lower Upper
82 100
128 49.5 35.7 53.5
54 44.5 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

Tgt Ion:164 Resp: 842629
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.2
160 44.3 34.5 51.7

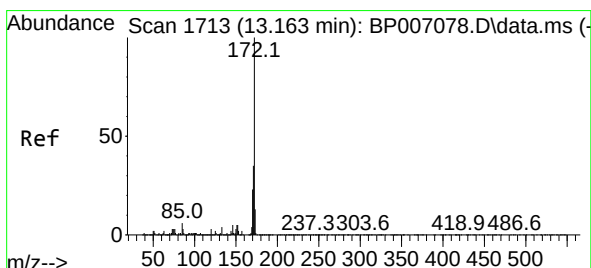
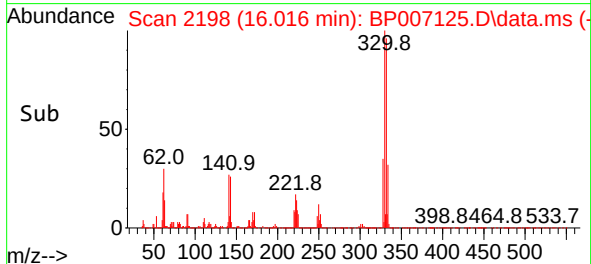
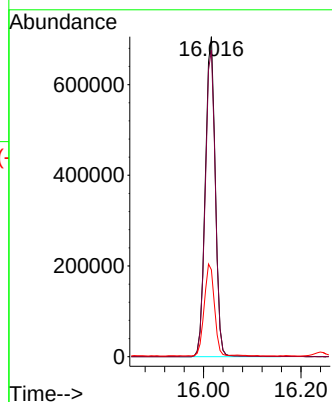
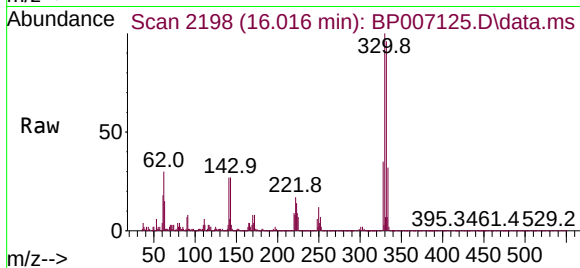




#42
2,4,6-Tribromophenol
Concen: 91.448 ng
RT: 16.016 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

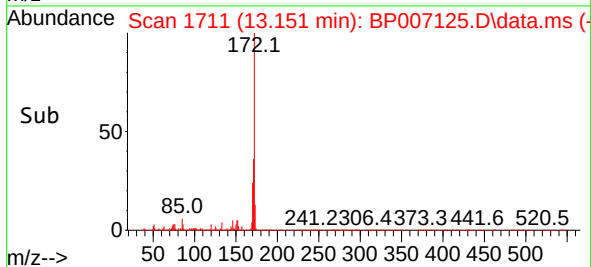
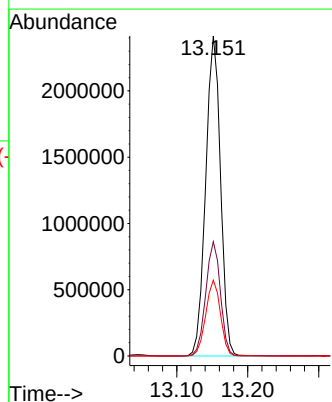
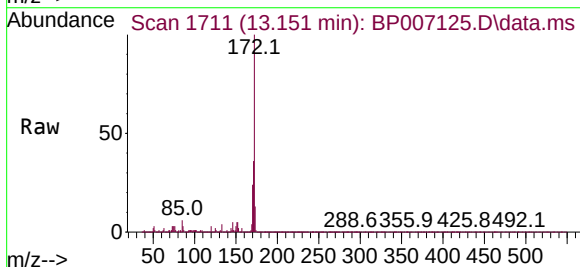
Instrument :
BNA_P
ClientSampleId :
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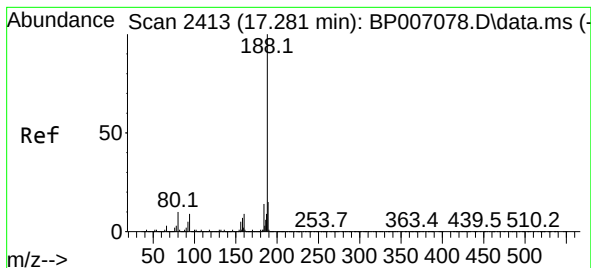
Tgt Ion:330 Resp: 999000
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 29.3 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 59.717 ng
RT: 13.151 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

Tgt Ion:172 Resp: 3512360
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.7 18.6 27.8

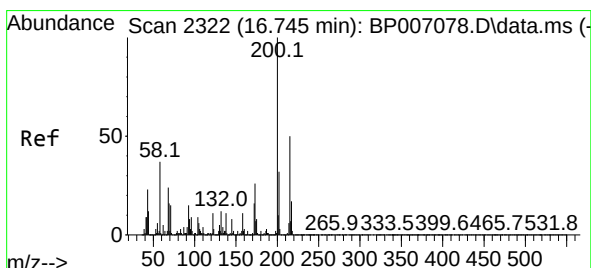
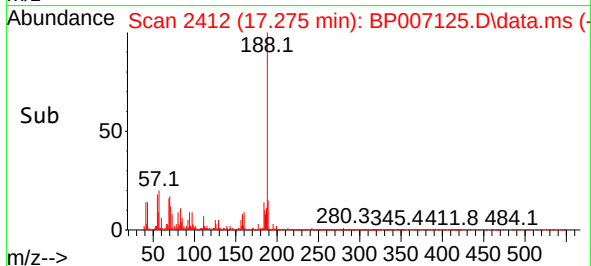
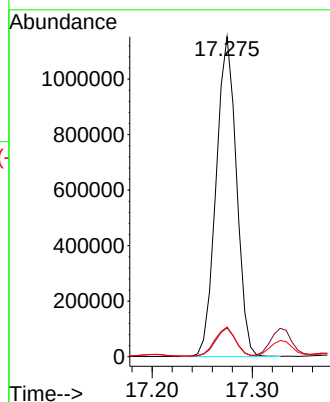
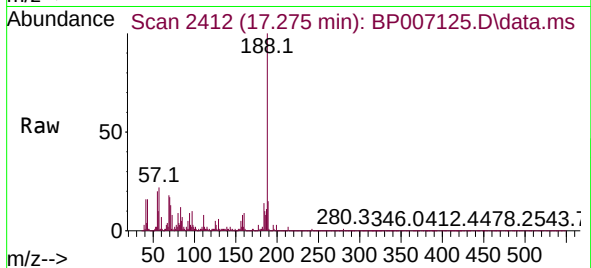




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

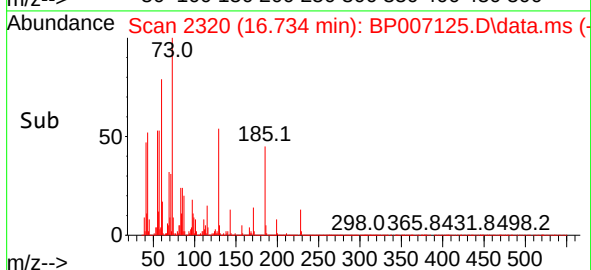
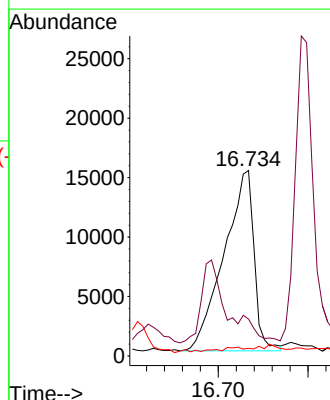
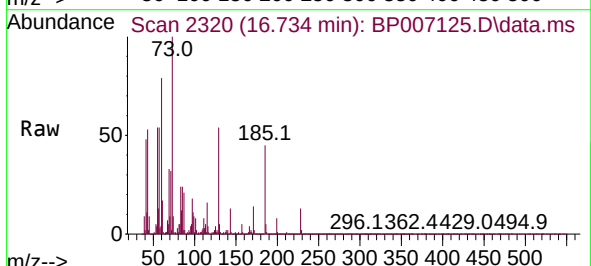
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ClientSampleId :
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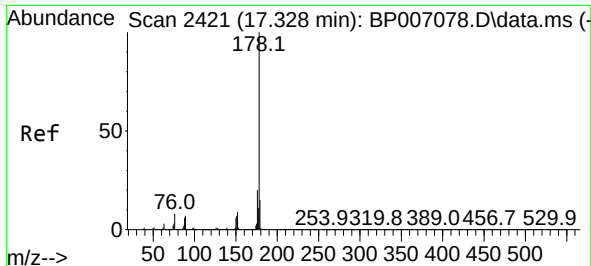
Tgt Ion:188 Resp: 1623851
Ion Ratio Lower Upper
188 100
94 9.0 5.6 8.4#
80 9.3 6.3 9.5



#69
Atrazine
Concen: 2.070 ng
RT: 16.734 min Scan# 2320
Delta R.T. -0.006 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

Tgt Ion:200 Resp: 35251
Ion Ratio Lower Upper
200 100
173 19.9 4.1 44.1
215 4.2 27.7 67.7#

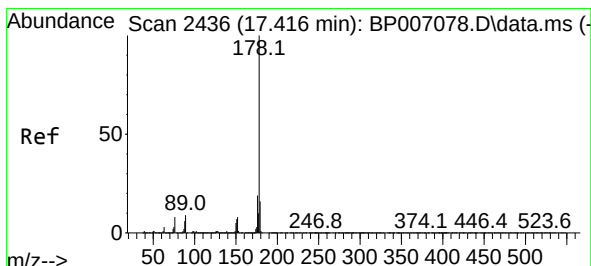
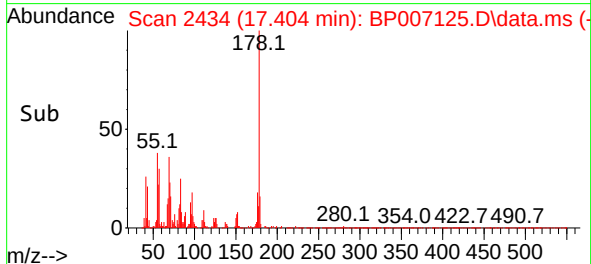
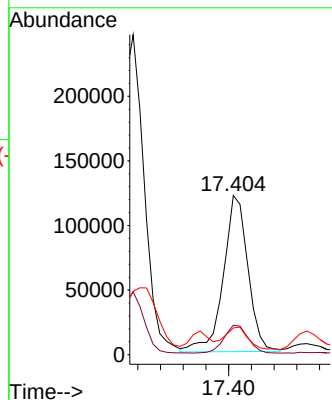
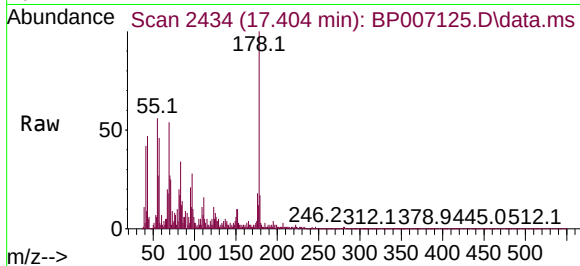




#71
Phenanthrene
Concen: 2.097 ng
RT: 17.404 min Scan# 2434
Delta R.T. 0.088 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

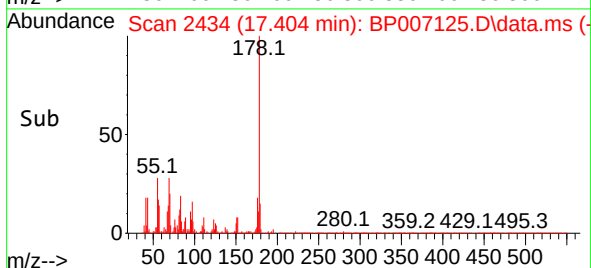
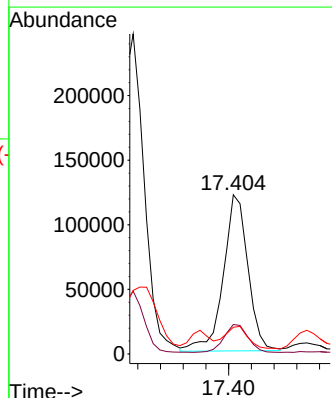
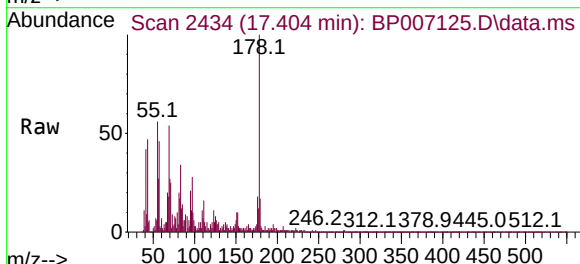
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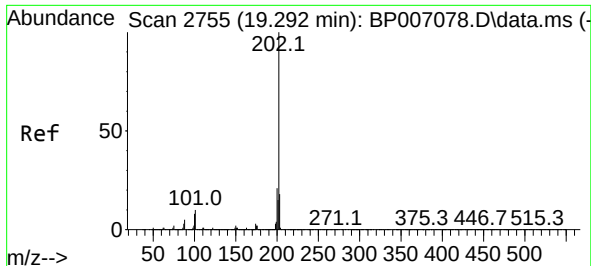
Tgt Ion:178 Resp: 182564
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 16.8 12.4 18.6



#72
Anthracene
Concen: 2.143 ng
RT: 17.404 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

Tgt Ion:178 Resp: 182564
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 16.8 12.2 18.2

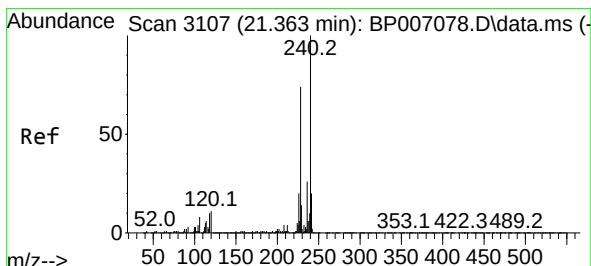
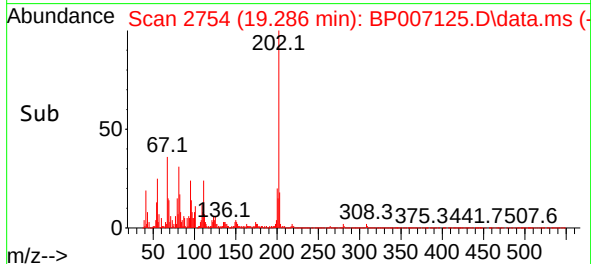
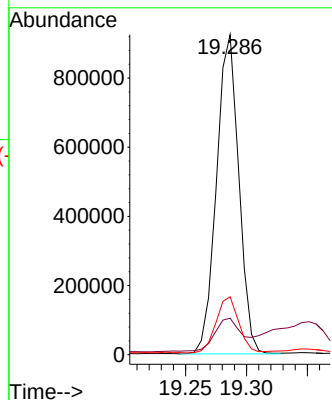
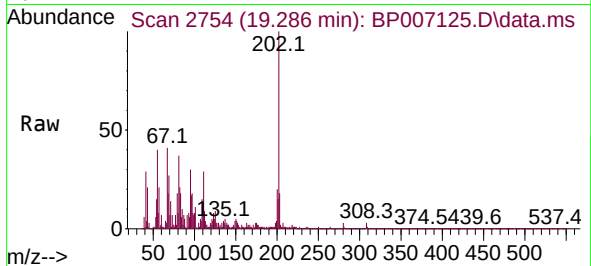




#75
Fluoranthene
Concen: 11.747 ng
RT: 19.286 min Scan# 2754
Delta R.T. 0.006 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

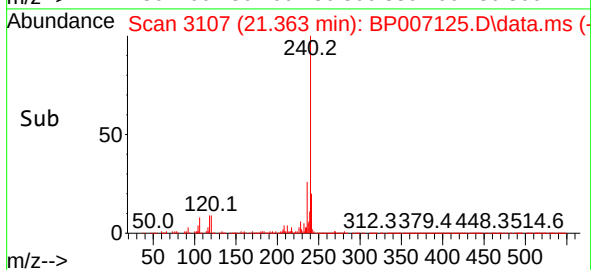
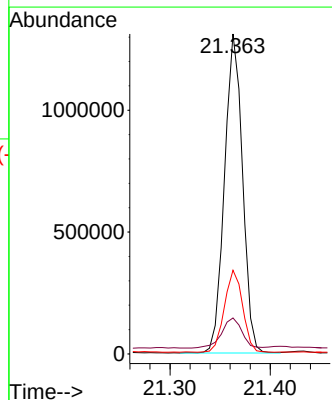
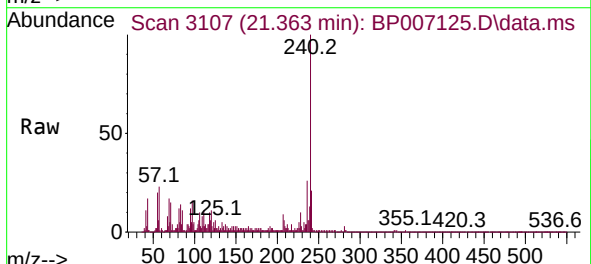
Instrument :
BNA_P
ClientSampleId :
SS01-BL-(0.0)

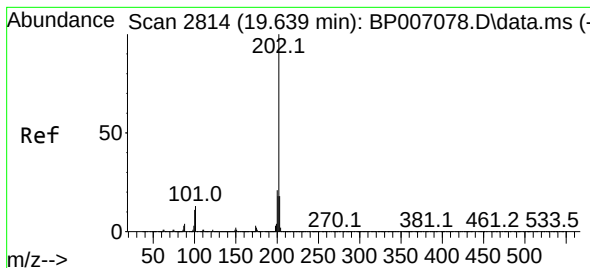
Tgt Ion:202 Resp: 1178373
Ion Ratio Lower Upper
202 100
101 11.4 0.0 27.6
203 18.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.363 min Scan# 3107
Delta R.T. 0.006 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

Tgt Ion:240 Resp: 1633692
Ion Ratio Lower Upper
240 100
120 11.3 6.5 9.7#
236 26.2 20.6 31.0





#78

Pyrene

Concen: 10.762 ng

RT: 19.639 min Scan# 2814

Delta R.T. 0.006 min

Lab File: BP007125.D

Acq: 23 Sep 2021 14:34

Instrument :

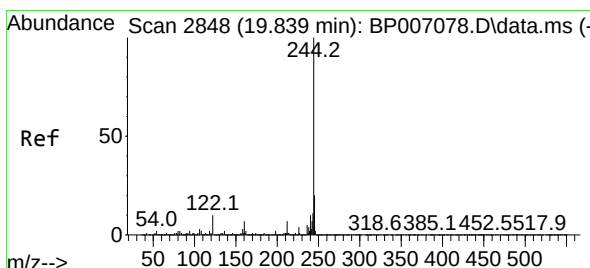
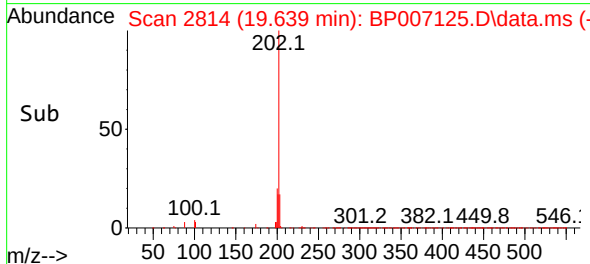
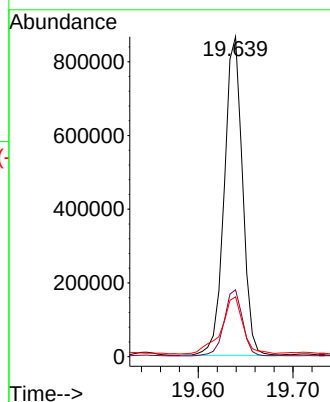
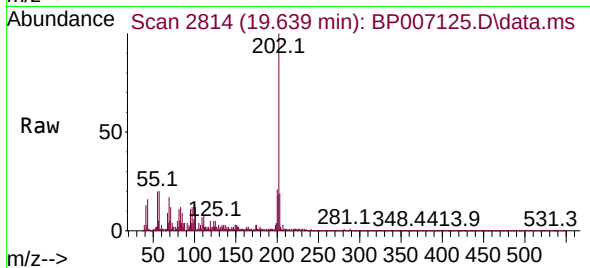
BNA_P

ClientSampleId :

SS01-BL-(0.0)

Tgt Ion:202 Resp: 1153569

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.3	24.5
203	18.7	14.2	21.2



#79

Terphenyl-d14

Concen: 57.760 ng

RT: 19.833 min Scan# 2847

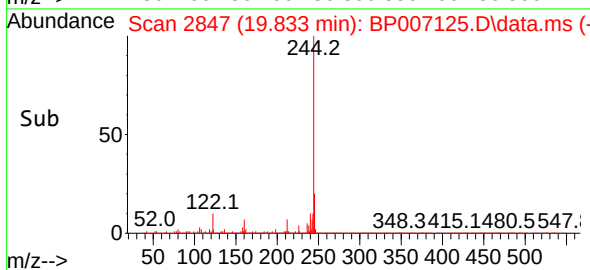
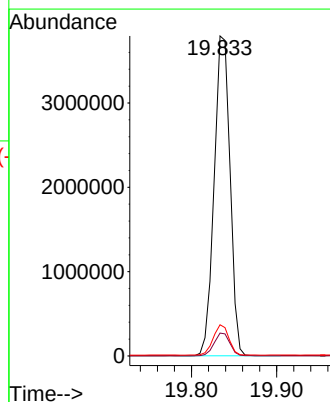
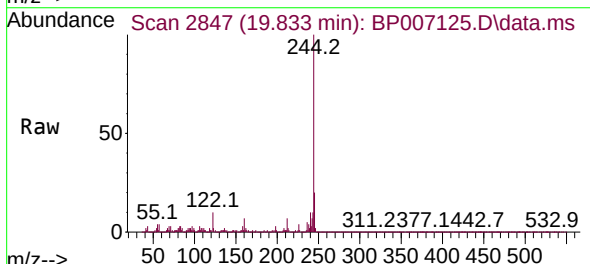
Delta R.T. 0.000 min

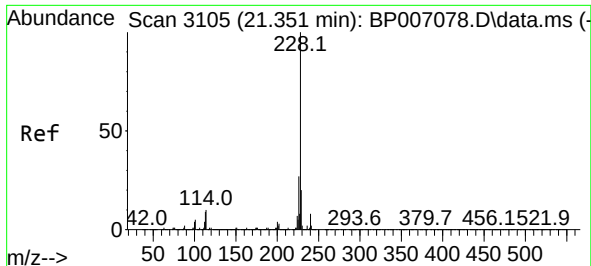
Lab File: BP007125.D

Acq: 23 Sep 2021 14:34

Tgt Ion:244 Resp: 4924254

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	9.8	7.1	10.7

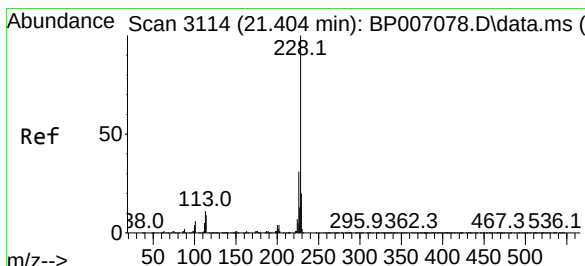
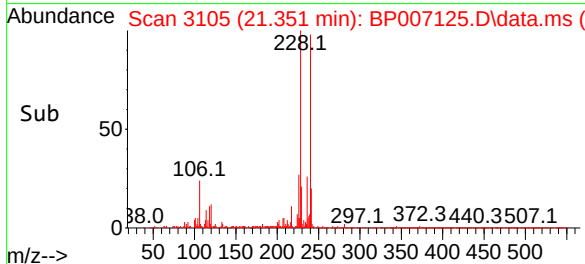
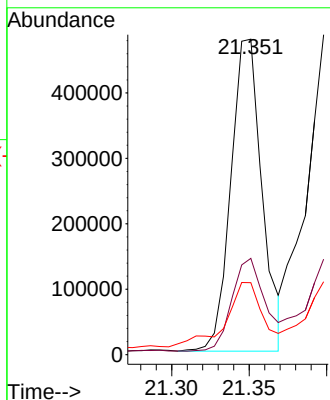
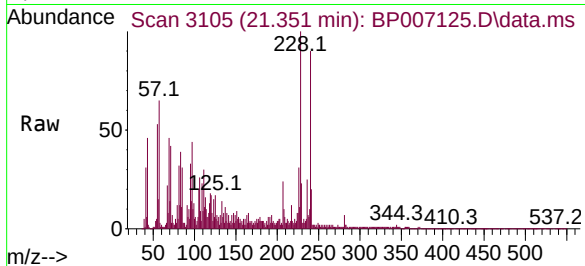




#81
Benzo(a)anthracene
Concen: 6.302 ng
RT: 21.351 min Scan# 3105
Delta R.T. 0.006 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

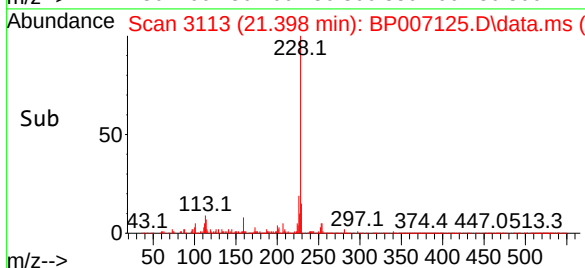
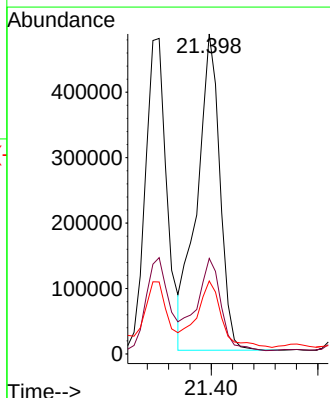
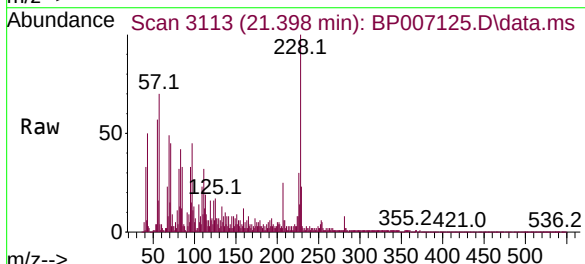
Instrument :
BNA_P
ClientSampleId :
SS01-BL-(0.0)

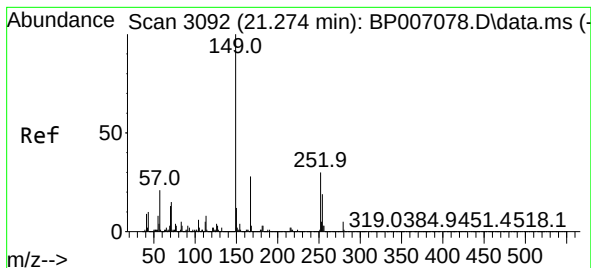
Tgt Ion:228 Resp: 668307
Ion Ratio Lower Upper
228 100
226 30.5 21.6 32.4
229 22.8 15.8 23.6



#83
Chrysene
Concen: 7.145 ng
RT: 21.398 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

Tgt Ion:228 Resp: 724150
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.6
229 22.8 15.4 23.2

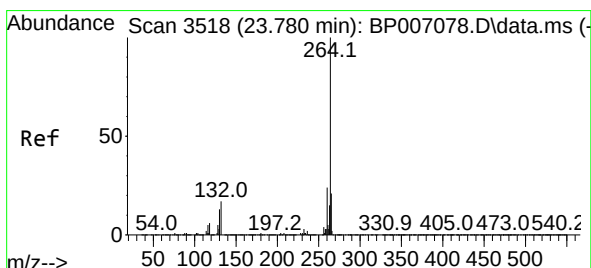
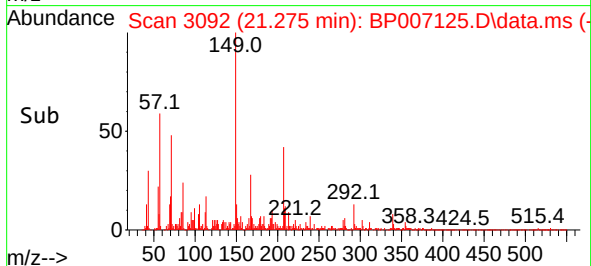
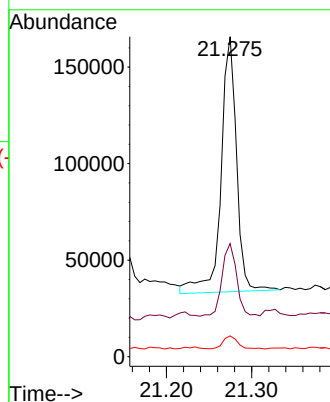
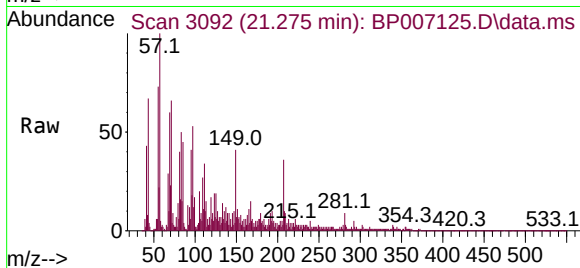




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.718 ng
RT: 21.275 min Scan# 3092
Delta R.T. 0.006 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

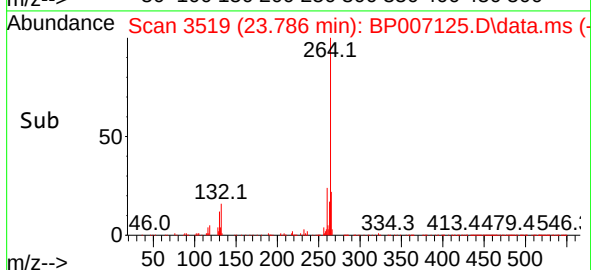
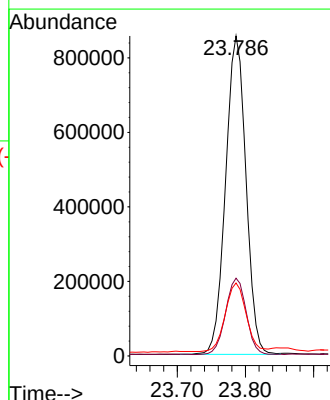
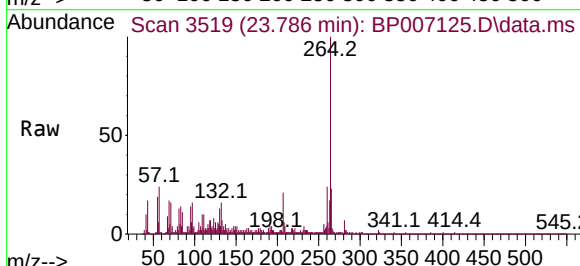
Instrument :
BNA_P
ClientSampleId :
SS01-BL-(0.0)

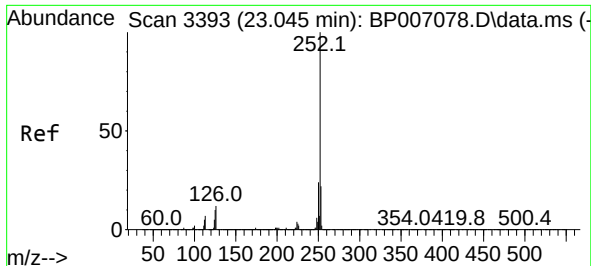
Tgt Ion:149 Resp: 167716
Ion Ratio Lower Upper
149 100
167 35.3 21.9 32.9#
279 6.5 4.3 6.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.786 min Scan# 3519
Delta R.T. 0.018 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

Tgt Ion:264 Resp: 1775074
Ion Ratio Lower Upper
264 100
260 24.3 18.6 28.0
265 22.8 17.6 26.4

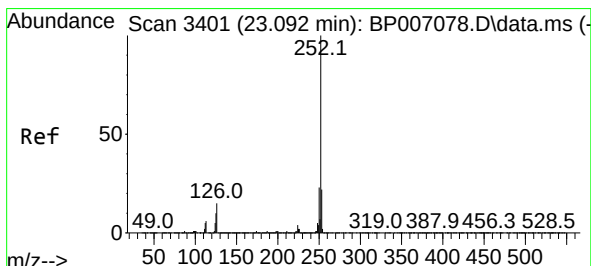
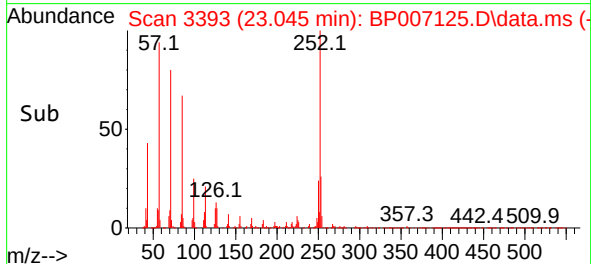
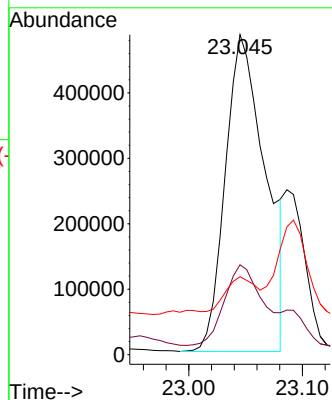
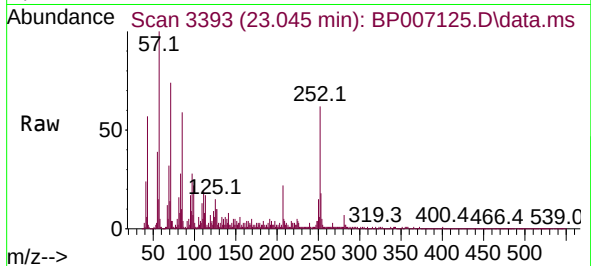




#88
Benzo(b)fluoranthene
Concen: 11.174 ng
RT: 23.045 min Scan# 3393
Delta R.T. 0.012 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

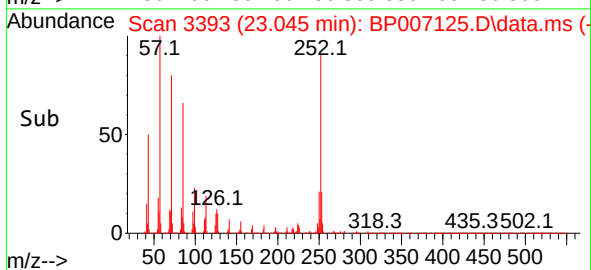
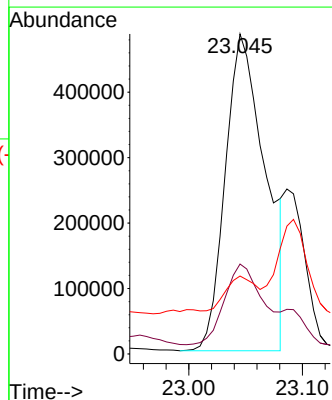
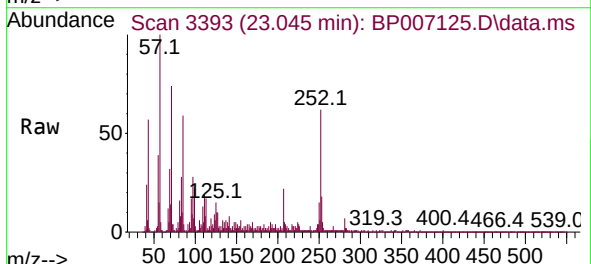
Instrument :
BNA_P
ClientSampleId :
SS01-BL-(0.0)

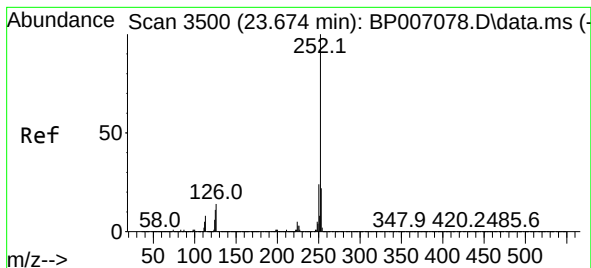
Tgt Ion:252 Resp: 1185376
Ion Ratio Lower Upper
252 100
253 28.1 17.5 26.3#
125 24.4 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 11.036 ng
RT: 23.045 min Scan# 3393
Delta R.T. -0.041 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

Tgt Ion:252 Resp: 1185376
Ion Ratio Lower Upper
252 100
253 28.1 17.6 26.4#
125 24.4 6.0 9.0#

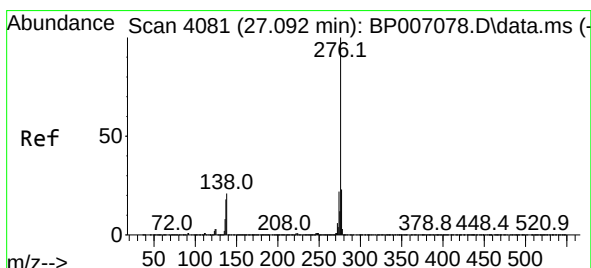
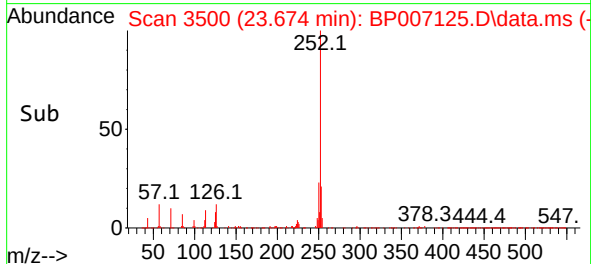
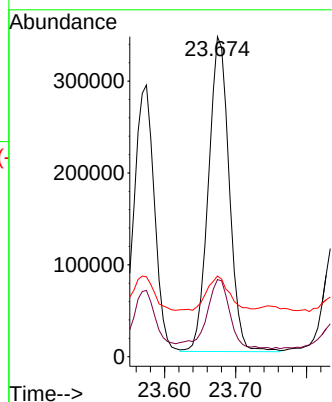
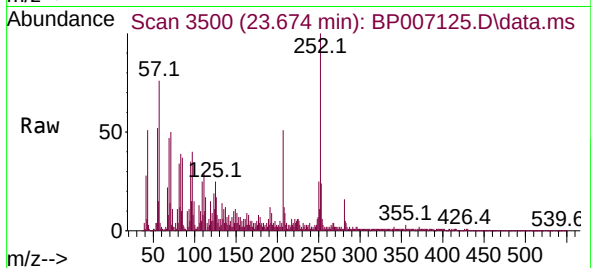




#90
Benzo(a)pyrene
Concen: 7.710 ng
RT: 23.674 min Scan# 3500
Delta R.T. 0.006 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

Instrument :
BNA_P
ClientSampleId :
SS01-BL-(0.0)

Tgt Ion:252 Resp: 694841
Ion Ratio Lower Upper
252 100
253 24.1 17.9 26.9
125 25.2 6.5 9.7#



#92
Benzo(g,h,i)perylene
Concen: 5.645 ng
RT: 27.110 min Scan# 4084
Delta R.T. 0.035 min
Lab File: BP007125.D
Acq: 23 Sep 2021 14:34

Tgt Ion:276 Resp: 588884
Ion Ratio Lower Upper
276 100
277 25.3 18.9 28.3
138 24.7 12.6 18.8#

