

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
 Data File : BP007258.D
 Acq On : 29 Sep 2021 22:09
 Operator : CG/JU
 Sample : M3987-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SS02-NA

Quant Time: Sep 30 02:43:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 29 14:45:49 2021
 Response via : Initial Calibration

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

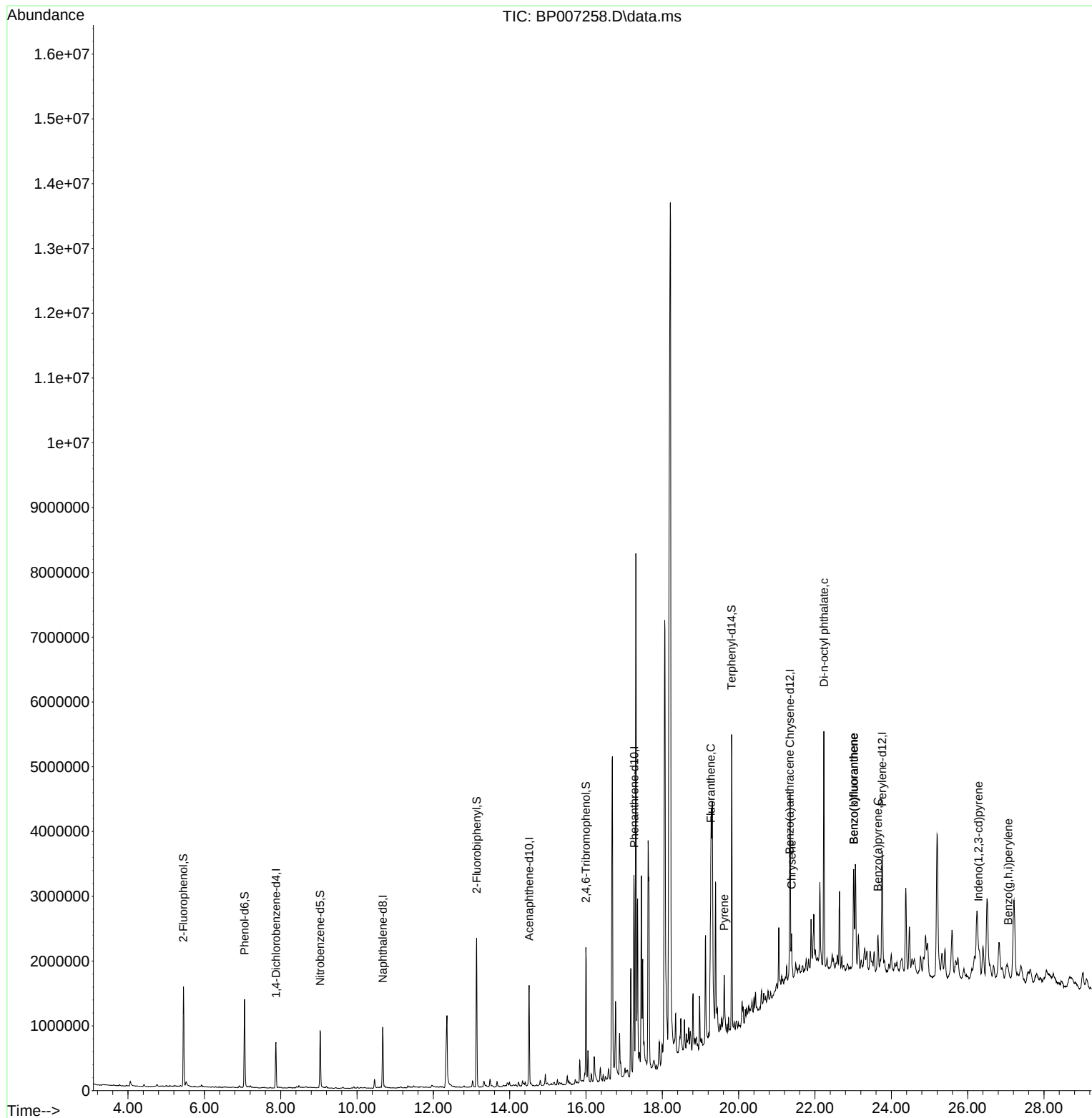
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	203730	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	828121	20.000	ng	# 0.00
39) Acenaphthene-d10	14.510	164	556315	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1367987	20.000	ng	0.00
76) Chrysene-d12	21.345	240	1306579	20.000	ng	# 0.00
86) Perylene-d12	23.762	264	1401538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	725666	59.624	ng	0.00
7) Phenol-d6	7.052	99	837219	50.331	ng	0.00
23) Nitrobenzene-d5	9.034	82	528718	37.181	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	430538	59.695	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	1224816	31.542	ng	0.00
79) Terphenyl-d14	19.816	244	2167265	31.786	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.269	202	520530	6.159	ng	95
78) Pyrene	19.622	202	544021	6.346	ng	99
81) Benzo(a)anthracene	21.333	228	308604	3.639	ng	95
83) Chrysene	21.386	228	348689	4.302	ng	96
85) Di-n-octyl phthalate	22.233	149	537137	6.392	ng	# 48
87) Indeno(1,2,3-cd)pyrene	26.286	276	234168	2.325	ng	99
88) Benzo(b)fluoranthene	23.021	252	515401	6.153	ng	# 89
89) Benzo(k)fluoranthene	23.021	252	515401	6.078	ng	# 89
90) Benzo(a)pyrene	23.651	252	290627	4.084	ng	# 89
92) Benzo(g,h,i)perylene	27.068	276	233563	2.835	ng	# 91

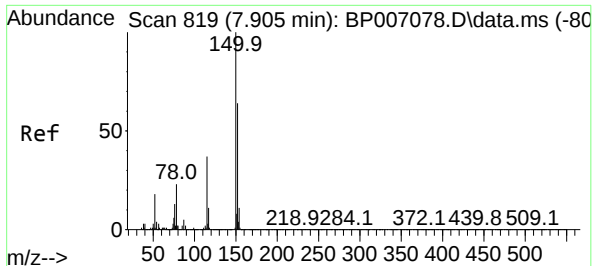
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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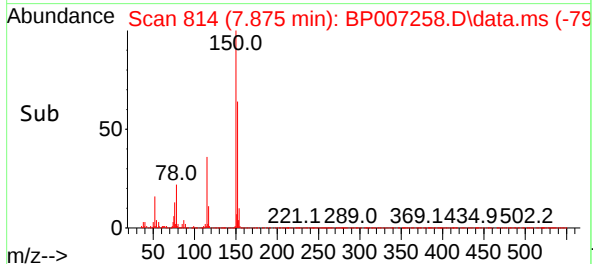
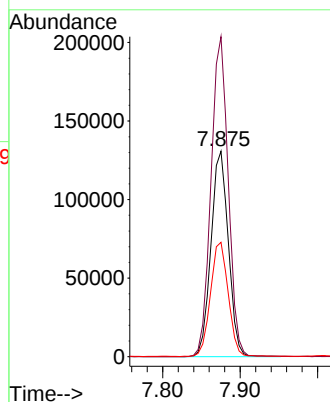
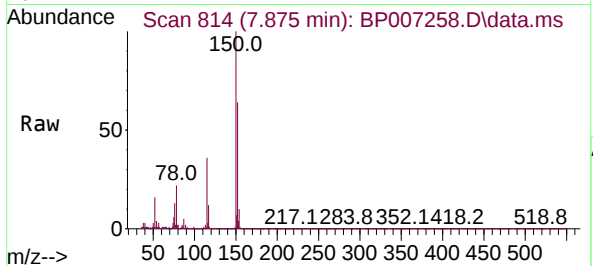




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

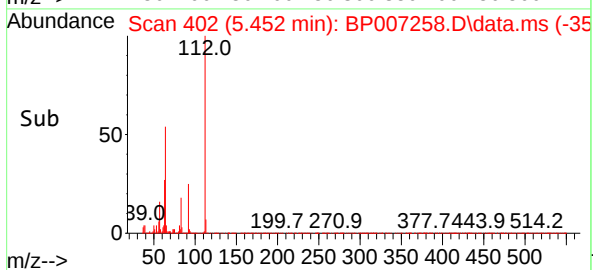
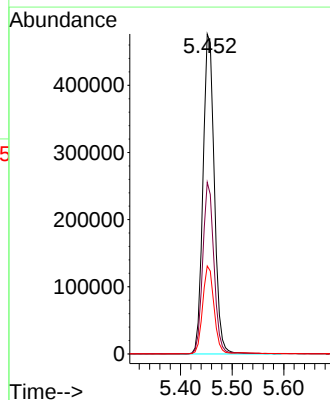
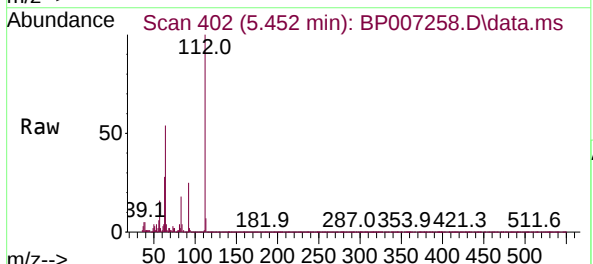
Instrument :
BNA_P
ClientSampleId :
SS02-NA

Tgt Ion:152 Resp: 203730
Ion Ratio Lower Upper
152 100
150 155.7 125.6 188.4
115 55.7 48.5 72.7



#5
2-Fluorophenol
Concen: 59.624 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.000 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

Tgt Ion:112 Resp: 725666
Ion Ratio Lower Upper
112 100
64 53.7 41.4 62.2
63 27.5 23.8 35.8

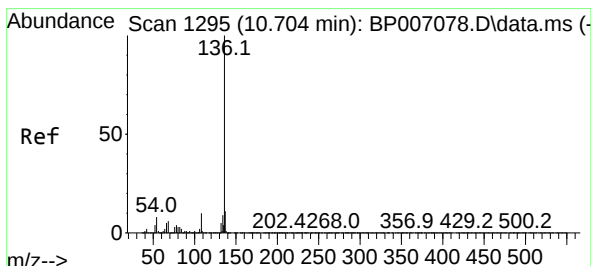
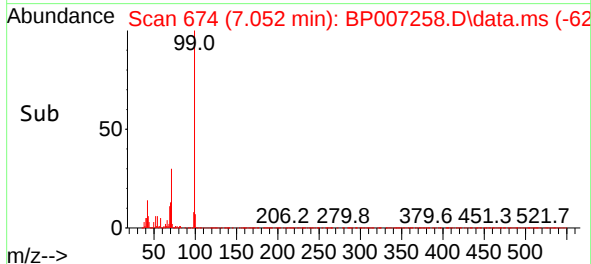
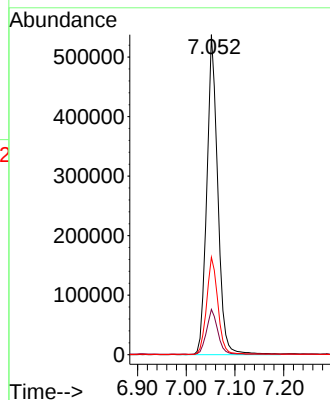
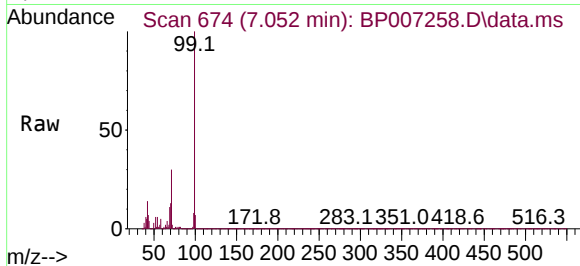




#7
Phenol-d6
Concen: 50.331 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.000 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

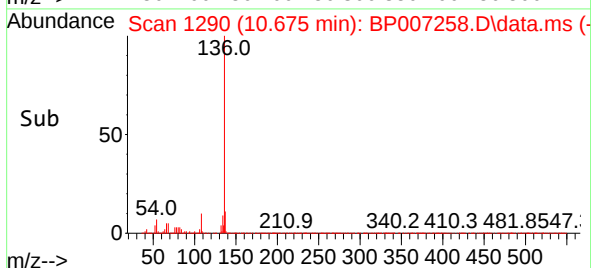
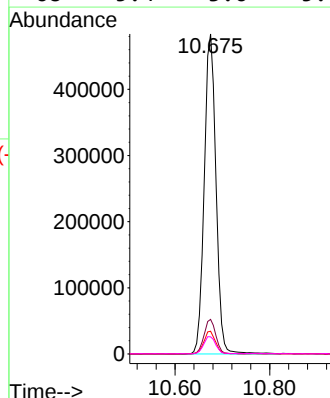
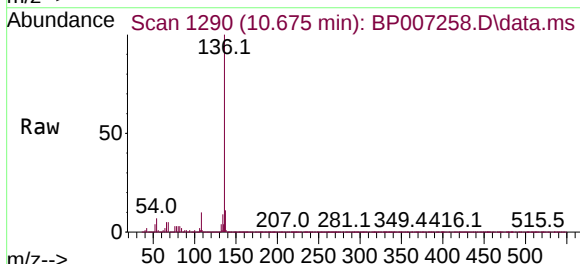
Instrument :
BNA_P
ClientSampleId :
SS02-NA

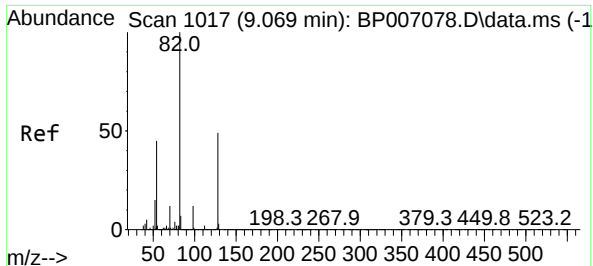
Tgt Ion: 99 Resp: 837219
Ion Ratio Lower Upper
99 100
42 14.1 13.4 20.0
71 30.4 30.6 46.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

Tgt Ion: 136 Resp: 828121
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.1 4.6 6.8#
68 5.4 3.6 5.4

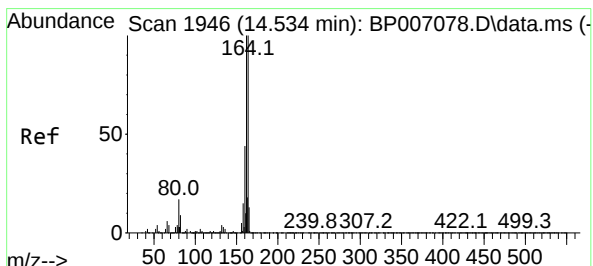
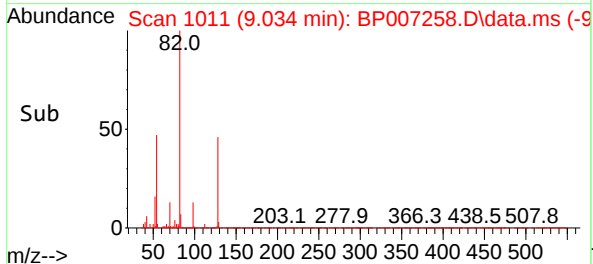
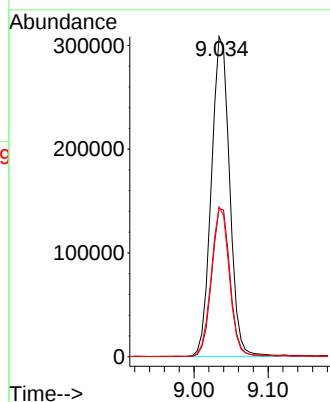
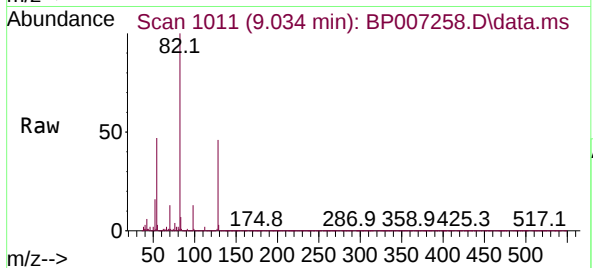




#23
Nitrobenzene-d5
Concen: 37.181 ng
RT: 9.034 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

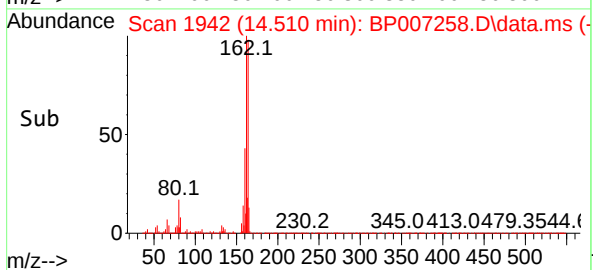
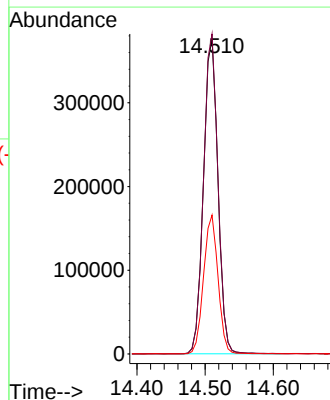
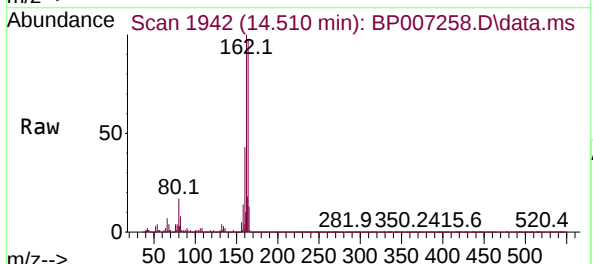
Instrument :
BNA_P
ClientSampleId :
SS02-NA

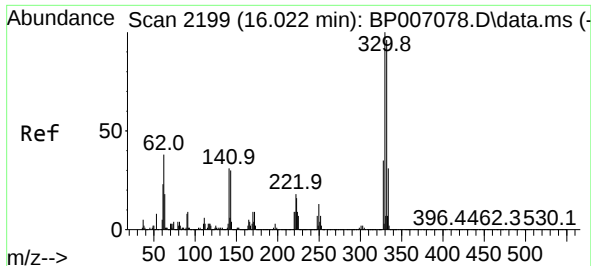
Tgt Ion: 82 Resp: 528718
Ion Ratio Lower Upper
82 100
128 46.3 35.7 53.5
54 46.8 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

Tgt Ion:164 Resp: 556315
Ion Ratio Lower Upper
164 100
162 101.6 80.2 120.2
160 44.1 34.5 51.7

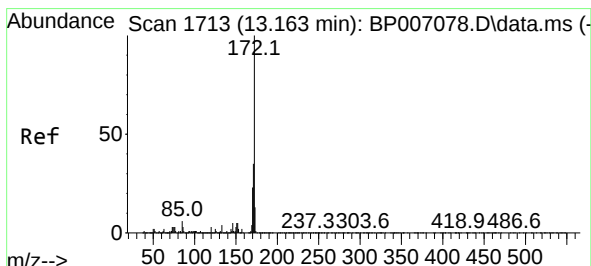
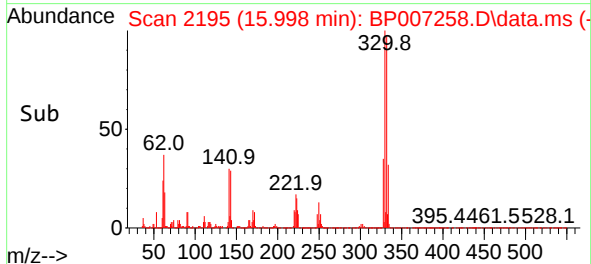
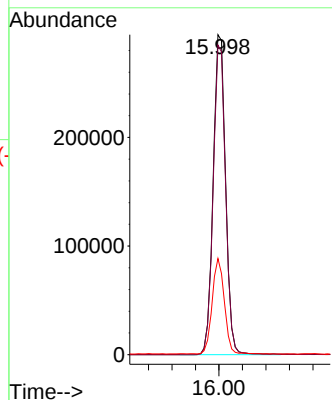
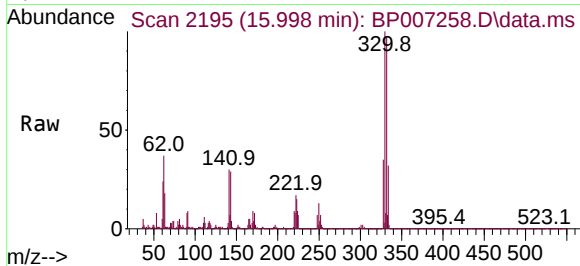




#42
2,4,6-Tribromophenol
Concen: 59.695 ng
RT: 15.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

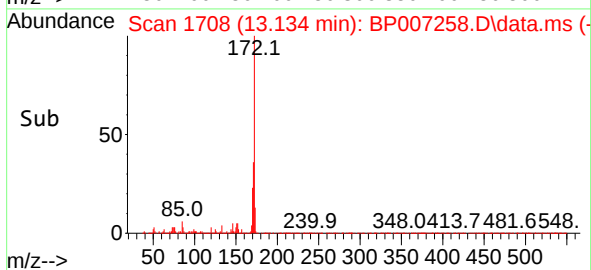
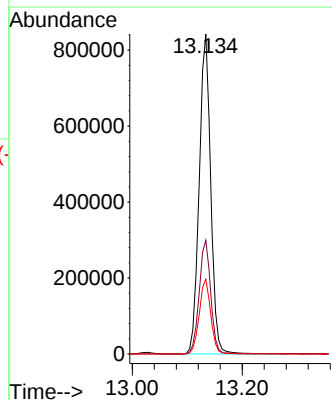
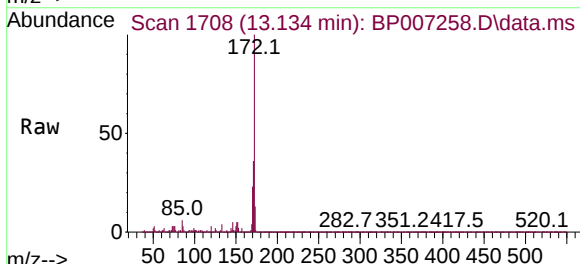
Instrument :
BNA_P
ClientSampleId :
SS02-NA

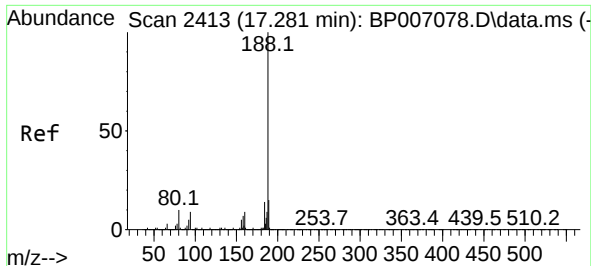
Tgt Ion:330 Resp: 430538
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 29.3 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 31.542 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

Tgt Ion:172 Resp: 1224816
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.4 18.6 27.8

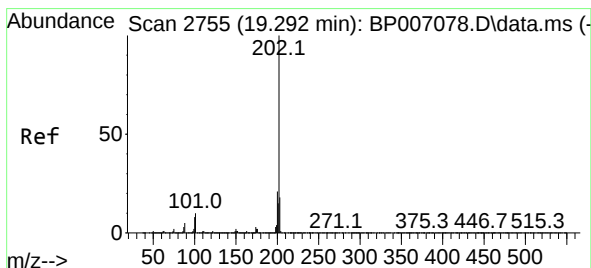
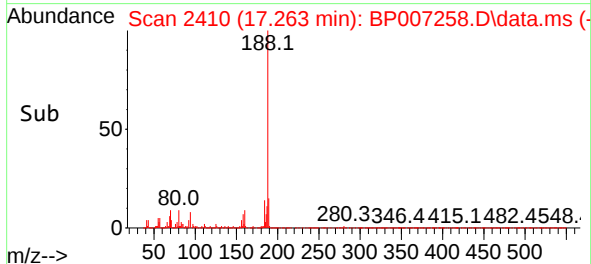
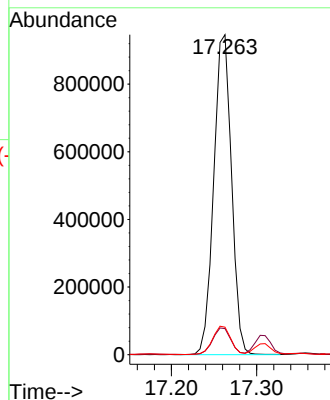
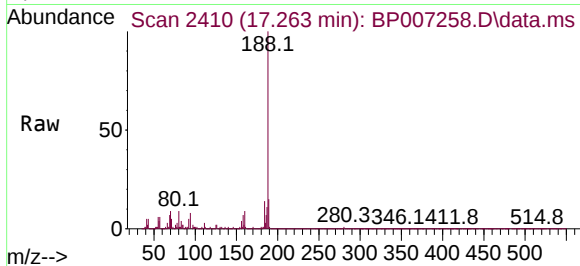




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

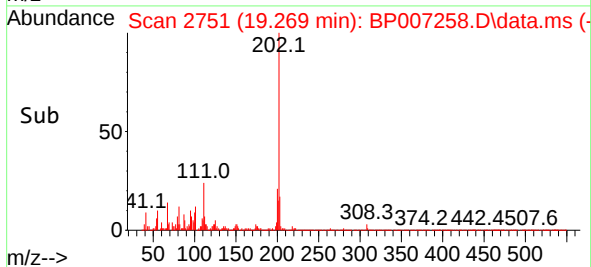
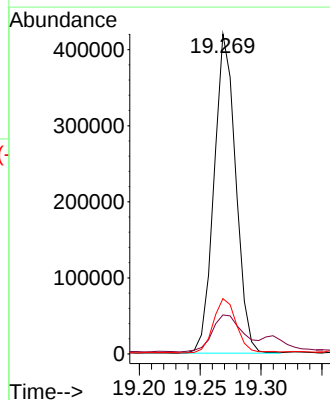
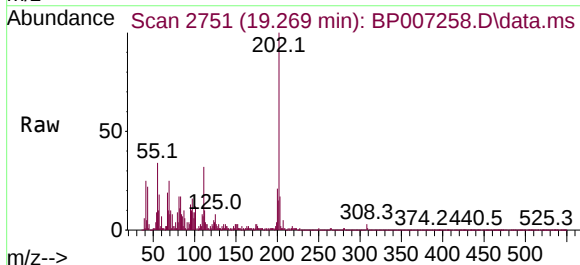
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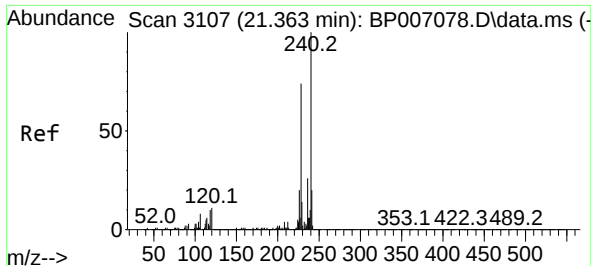
Tgt Ion:188 Resp: 1367987
Ion Ratio Lower Upper
188 100
94 8.2 5.6 8.4
80 8.6 6.3 9.5



#75
Fluoranthene
Concen: 6.159 ng
RT: 19.269 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

Tgt Ion:202 Resp: 520530
Ion Ratio Lower Upper
202 100
101 12.2 0.0 27.6
203 17.3 0.0 37.8

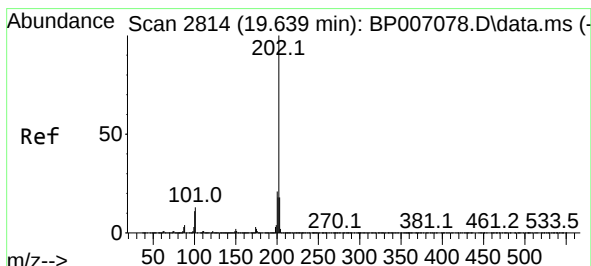
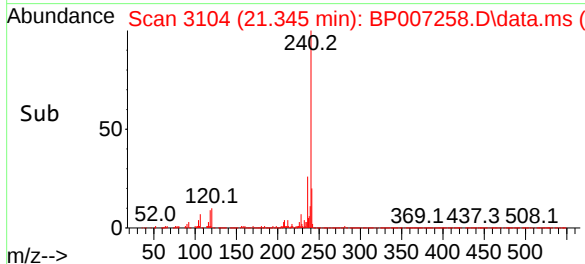
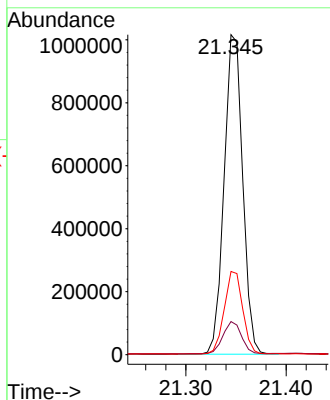
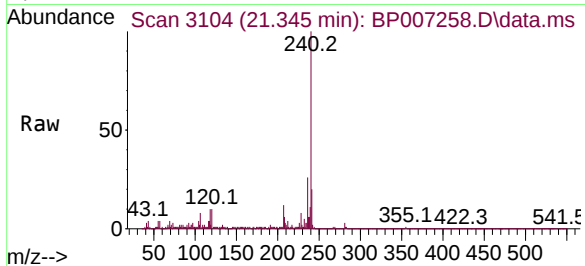




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

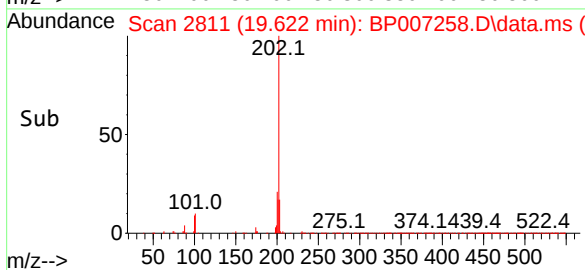
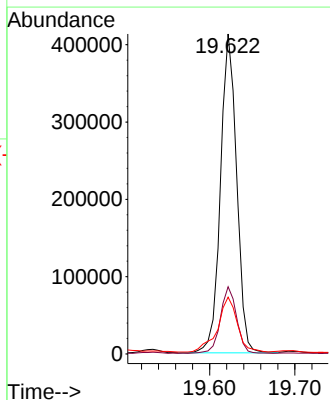
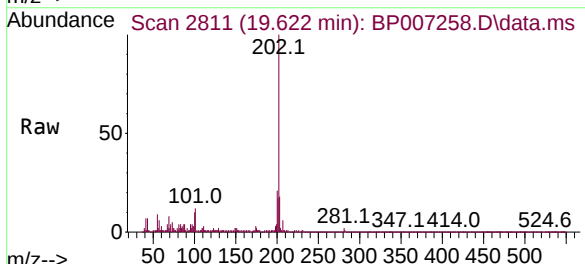
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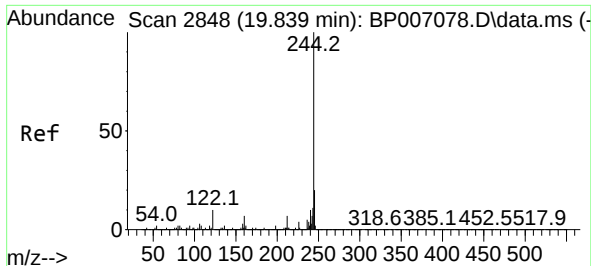
Tgt Ion:240 Resp: 1306579
Ion Ratio Lower Upper
240 100
120 10.4 6.5 9.7#
236 26.0 20.6 31.0



#78
Pyrene
Concen: 6.346 ng
RT: 19.622 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

Tgt Ion:202 Resp: 544021
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 17.7 14.2 21.2

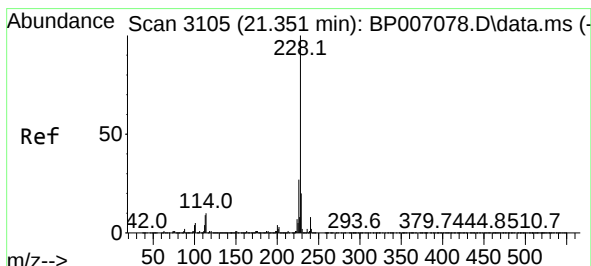
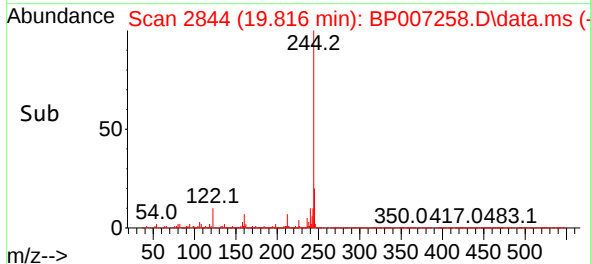
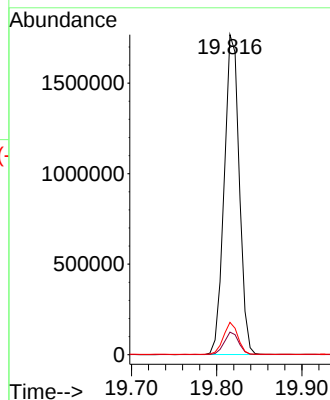
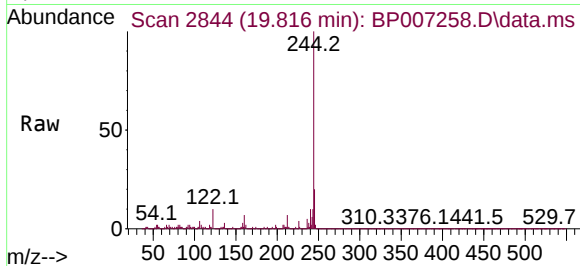




#79
 Terphenyl-d14
 Concen: 31.786 ng
 RT: 19.816 min Scan# 2844
 Delta R.T. -0.006 min
 Lab File: BP007258.D
 Acq: 29 Sep 2021 22:09

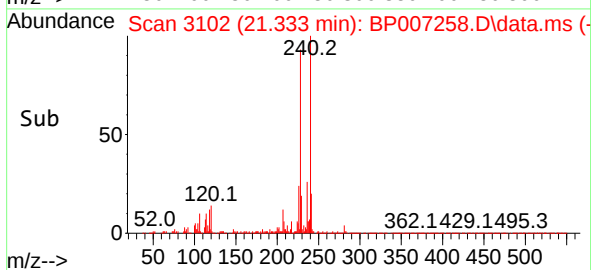
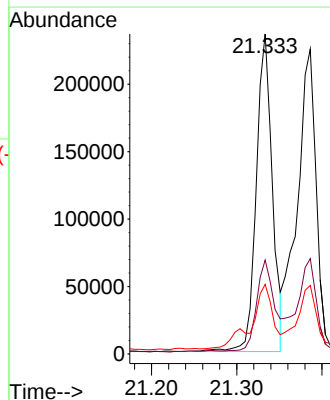
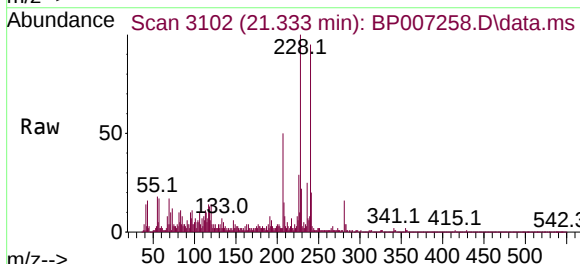
Instrument :
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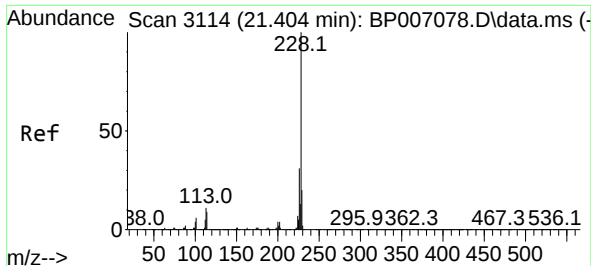
Tgt Ion:244 Resp: 2167265
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.1 7.1 10.7



#81
 Benzo(a)anthracene
 Concen: 3.639 ng
 RT: 21.333 min Scan# 3102
 Delta R.T. -0.006 min
 Lab File: BP007258.D
 Acq: 29 Sep 2021 22:09

Tgt Ion:228 Resp: 308604
 Ion Ratio Lower Upper
 228 100
 226 29.3 21.6 32.4
 229 21.8 15.8 23.6

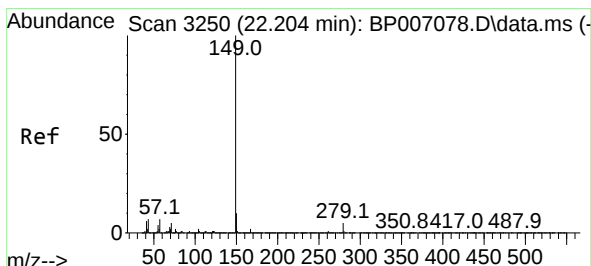
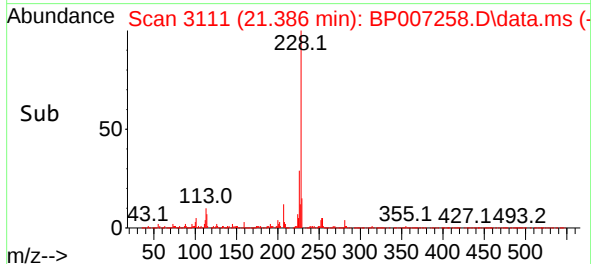
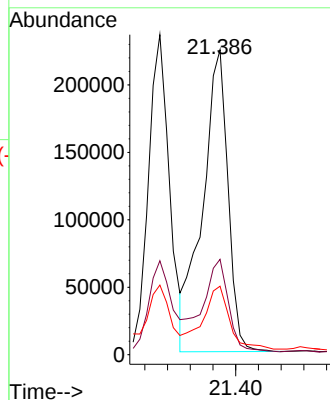
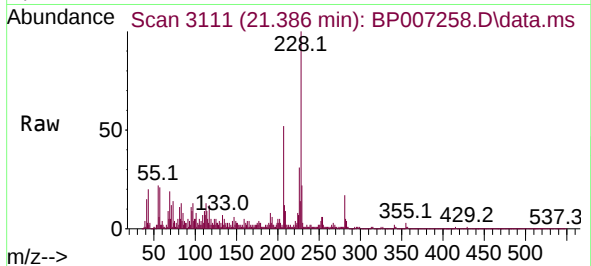




#83
Chrysene
Concen: 4.302 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

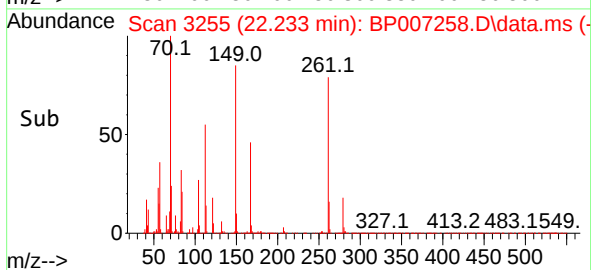
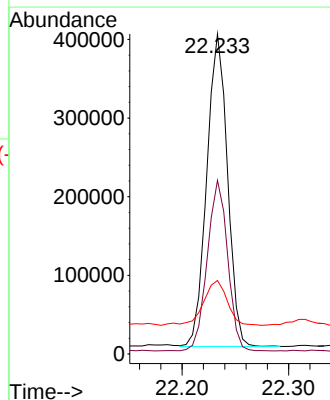
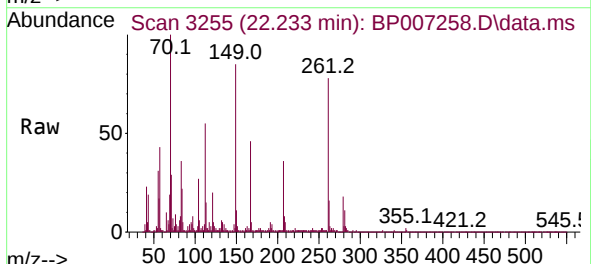
Instrument :
BNA_P
ClientSampleId :
SS02-NA

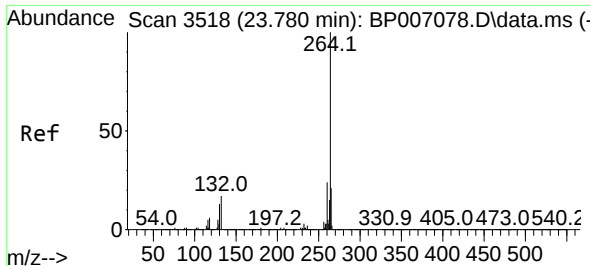
Tgt Ion:	228	Resp:	348689
Ion Ratio	Lower	Upper	
228	100		
226	31.3	23.8	35.6
229	22.5	15.4	23.2



#85
Di-n-octyl phthalate
Concen: 6.392 ng
RT: 22.233 min Scan# 3255
Delta R.T. 0.053 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

Tgt Ion:	149	Resp:	537137
Ion Ratio	Lower	Upper	
149	100		
167	53.8	1.4	2.0#
43	17.3	5.6	8.4#

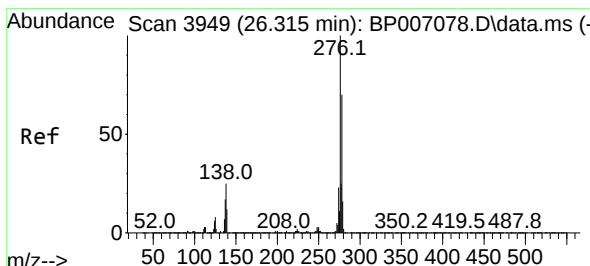
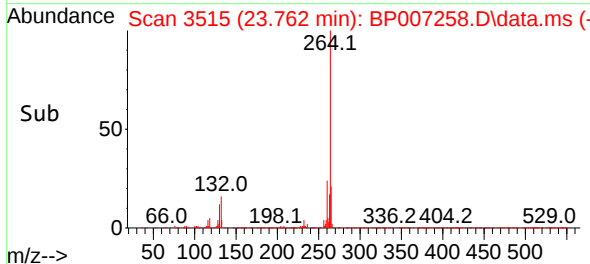
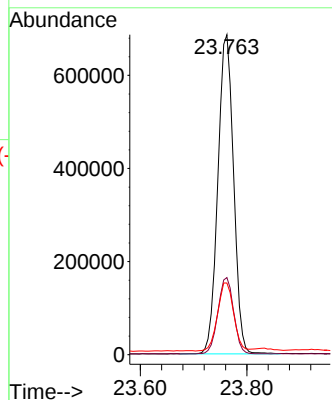
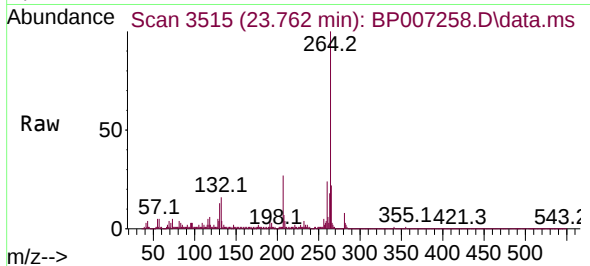




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.762 min Scan# 3515
Delta R.T. -0.000 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

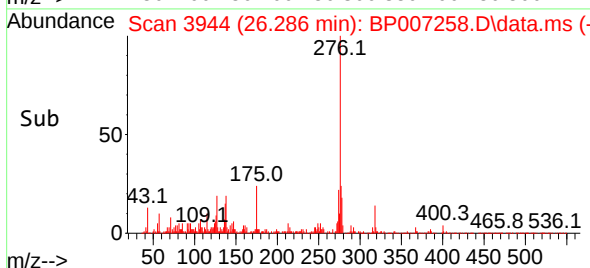
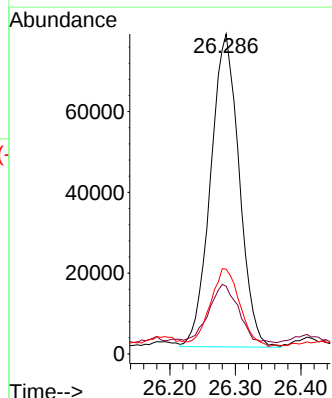
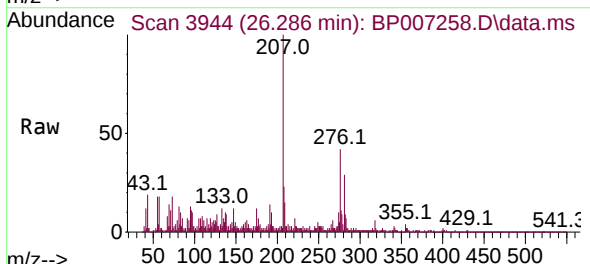
Instrument :
BNA_P
ClientSampleId :
SS02-NA

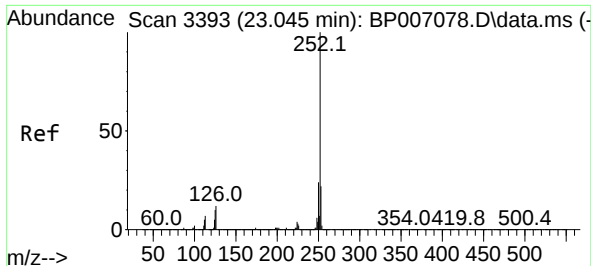
Tgt Ion:264 Resp: 1401538
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.4 17.6 26.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.325 ng
RT: 26.286 min Scan# 3944
Delta R.T. -0.012 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

Tgt Ion:276 Resp: 234168
Ion Ratio Lower Upper
276 100
138 19.4 15.3 22.9
277 25.8 20.4 30.6

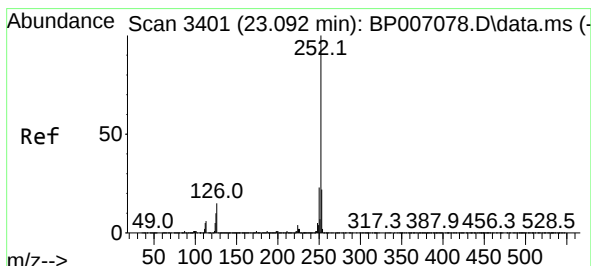
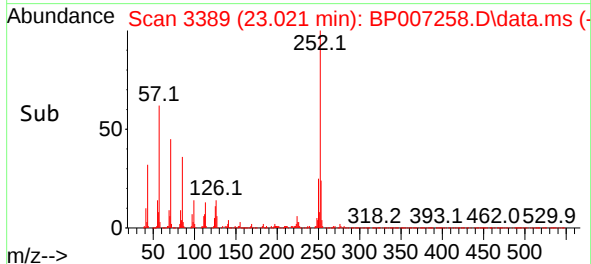
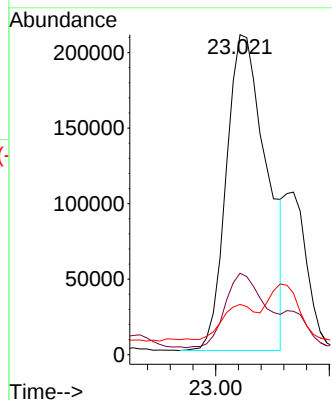
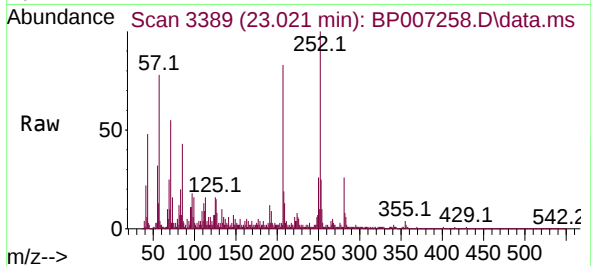




#88
Benzo(b)fluoranthene
Concen: 6.153 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.006 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

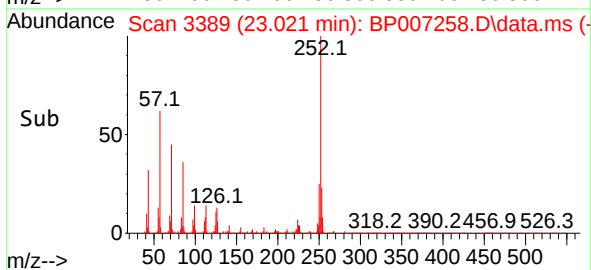
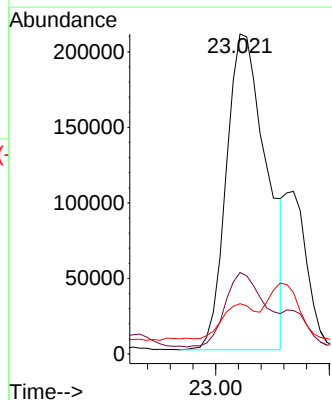
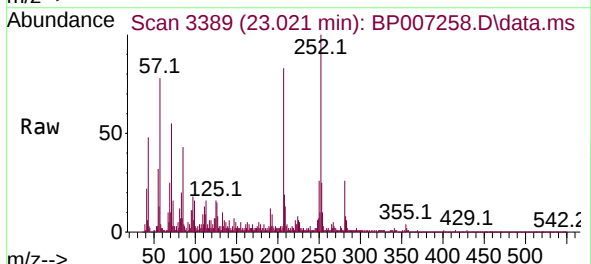
Instrument :
BNA_P
ClientSampleId :
SS02-NA

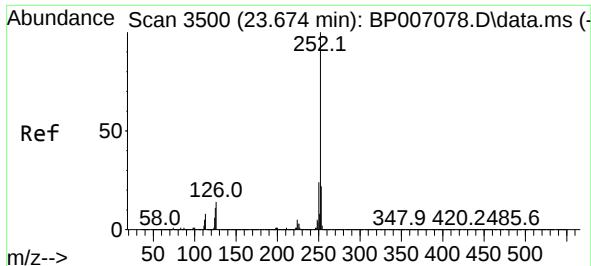
Tgt Ion:252 Resp: 515401
Ion Ratio Lower Upper
252 100
253 25.5 17.5 26.3
125 15.7 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 6.078 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.053 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

Tgt Ion:252 Resp: 515401
Ion Ratio Lower Upper
252 100
253 25.5 17.6 26.4
125 15.7 6.0 9.0#

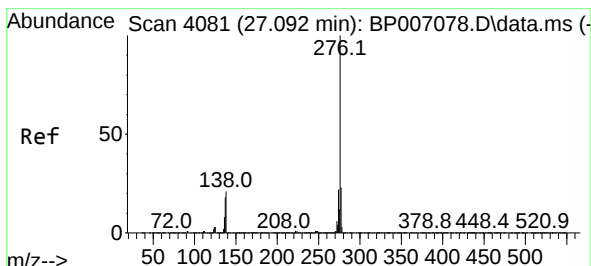
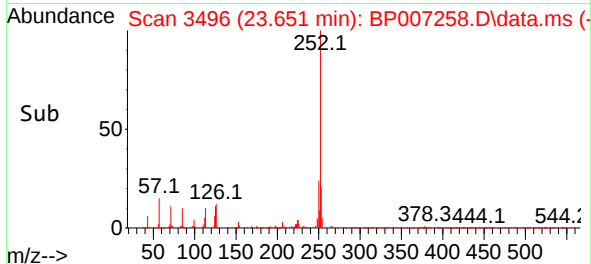
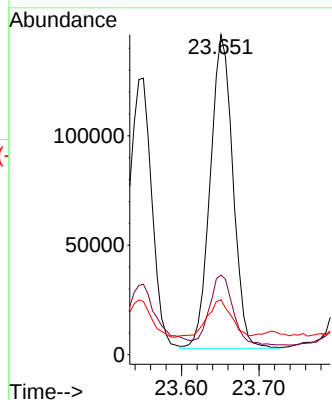
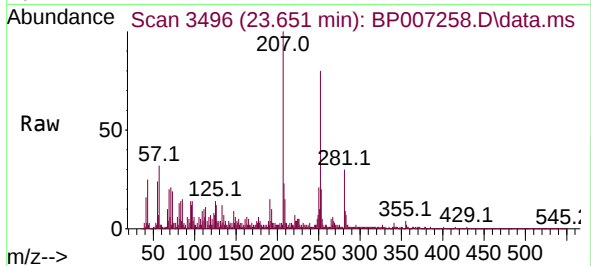




#90
Benzo(a)pyrene
Concen: 4.084 ng
RT: 23.651 min Scan# 3496
Delta R.T. -0.006 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

Instrument :
BNA_P
ClientSampleId :
SS02-NA

Tgt Ion:252 Resp: 290627
Ion Ratio Lower Upper
252 100
253 24.9 17.9 26.9
125 17.2 6.5 9.7#



#92
Benzo(g,h,i)perylene
Concen: 2.835 ng
RT: 27.068 min Scan# 4077
Delta R.T. -0.000 min
Lab File: BP007258.D
Acq: 29 Sep 2021 22:09

Tgt Ion:276 Resp: 233563
Ion Ratio Lower Upper
276 100
277 25.3 18.9 28.3
138 22.5 12.6 18.8#

