

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
 Data File : BP006040.D
 Acq On : 23 Jun 2021 18:10
 Operator : CG/JU
 Sample : M2790-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-04-062121

Quant Time: Jun 24 01:17:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 17:52:38 2021
 Response via : Initial Calibration

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

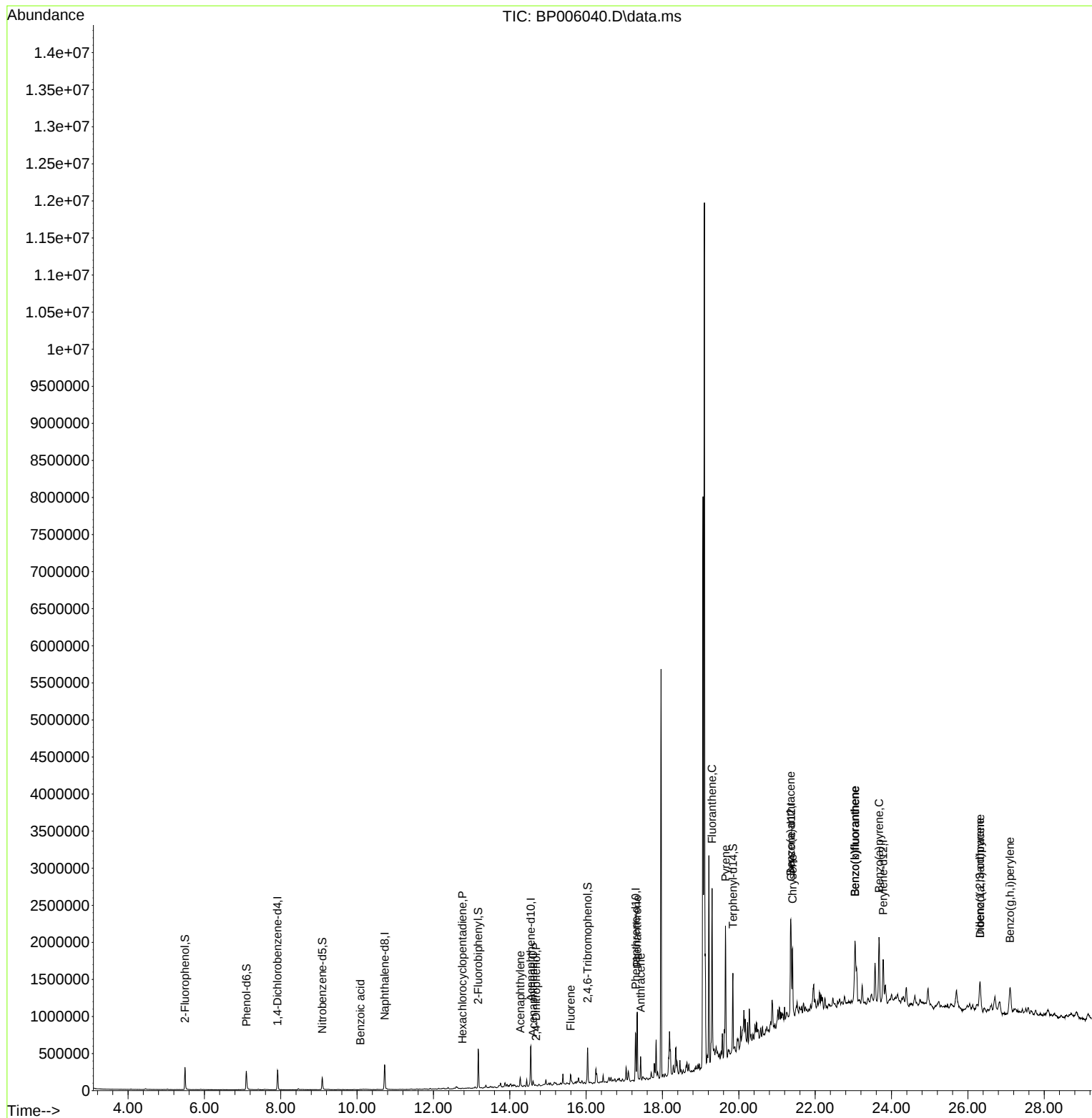
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	76671	20.00	ng	0.00
21) Naphthalene-d8	10.722	136	296073	20.00	ng	# 0.00
39) Acenaphthene-d10	14.551	164	189920	20.00	ng	0.00
64) Phenanthrene-d10	17.298	188	390422	20.00	ng	0.00
76) Chrysene-d12	21.369	240	423346	20.00	ng	# 0.00
86) Perylene-d12	23.780	264	495007	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	145374	30.42	ng	0.00
7) Phenol-d6	7.099	99	168390	27.19	ng	0.00
23) Nitrobenzene-d5	9.087	82	106193	17.58	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	99878	30.65	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	274895	19.01	ng	0.00
79) Terphenyl-d14	19.845	244	476488	21.08	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.087	122	124	6.35	ng	# 74
41) Hexachlorocyclopentadiene	12.757	237	6	5.51	ng	90
49) Acenaphthylene	14.275	152	90260	4.71	ng	99
52) Acenaphthene	14.610	154	23809	2.04	ng	95
54) 2,4-Dinitrophenol	14.693	184	94	4.89	ng	# 1
58) Fluorene	15.598	166	61528	4.12	ng	99
71) Phenanthrene	17.339	178	551477	23.52	ng	99
72) Anthracene	17.428	178	192827	8.36	ng	99
75) Fluoranthene	19.298	202	963191	33.83	ng	98
78) Pyrene	19.651	202	1011862	34.24	ng	99
81) Benzo(a)anthracene	21.357	228	574784	18.81	ng	97
83) Chrysene	21.410	228	560575	18.94	ng	97
87) Indeno(1,2,3-cd)pyrene	26.315	276	460213	10.87	ng	98
88) Benzo(b)fluoranthene	23.045	252	869561	25.65	ng	# 95
89) Benzo(k)fluoranthene	23.045	252	869561	26.45	ng	# 95
90) Benzo(a)pyrene	23.674	252	649261	20.37	ng	# 94
91) Dibenzo(a,h)anthracene	26.321	278	124349	3.41	ng	# 79
92) Benzo(g,h,i)perylene	27.104	276	475672	13.22	ng	# 94

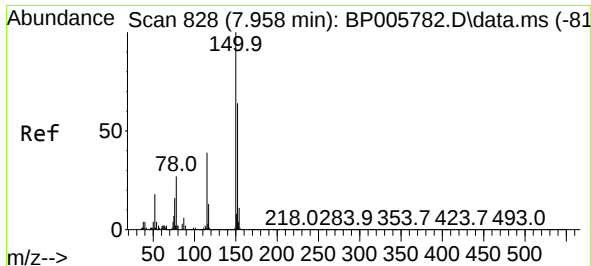
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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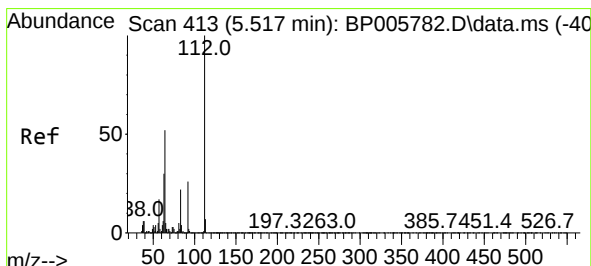
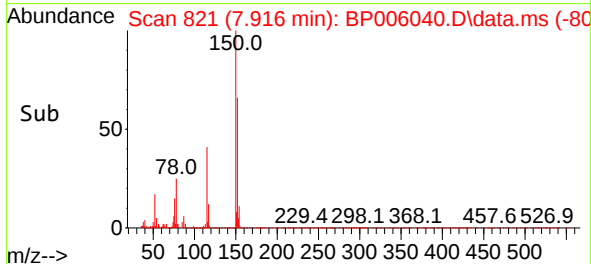
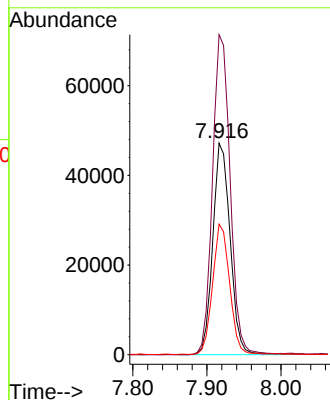
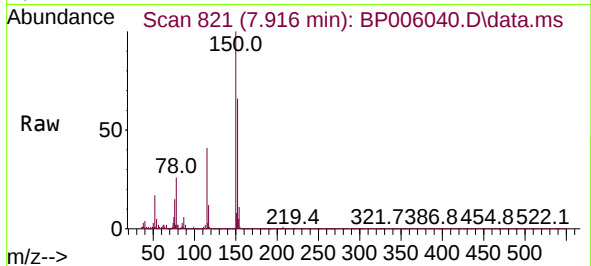




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

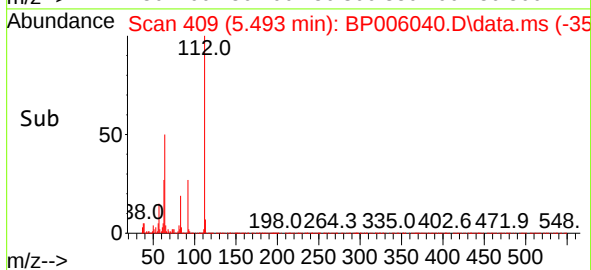
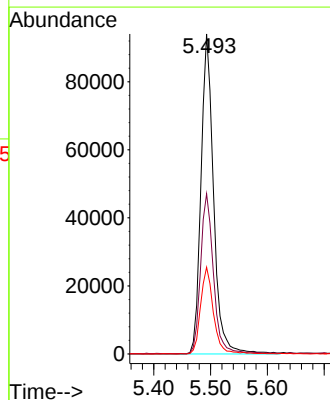
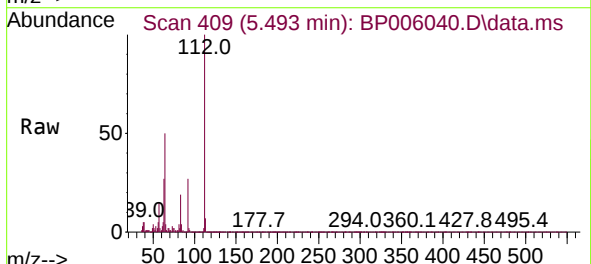
Instrument :
BNA_P
ClientSampleId :
SU-04-062121

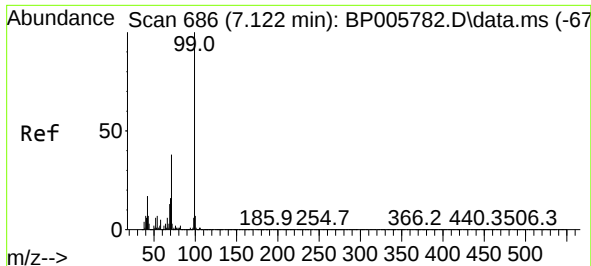
Tgt Ion:152 Resp: 76671
Ion Ratio Lower Upper
152 100
150 151.3 125.6 188.4
115 61.8 48.5 72.7



#5
2-Fluorophenol
Concen: 30.42 ng
RT: 5.493 min Scan# 409
Delta R.T. 0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

Tgt Ion:112 Resp: 145374
Ion Ratio Lower Upper
112 100
64 50.1 41.4 62.2
63 27.1 23.8 35.8

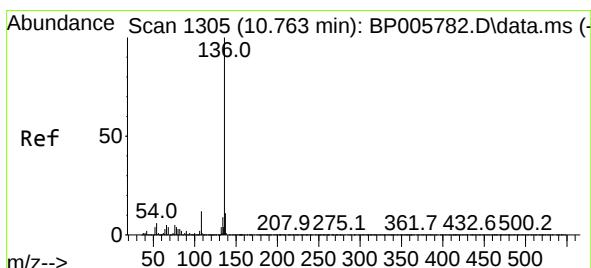
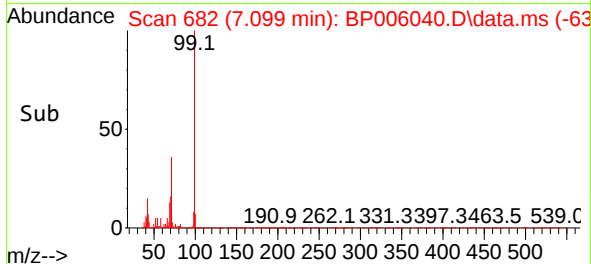
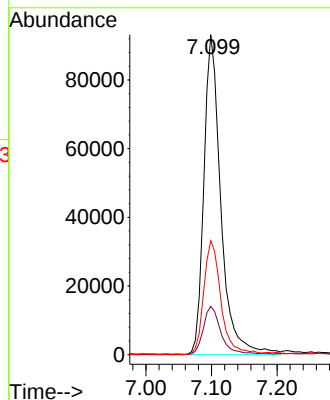
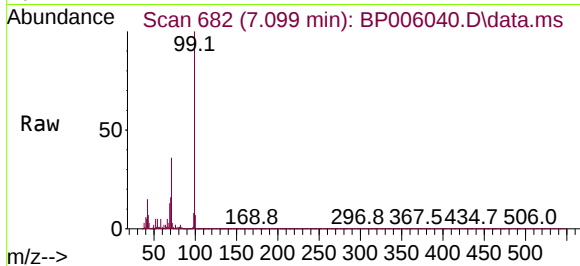




#7
Phenol-d6
Concen: 27.19 ng
RT: 7.099 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

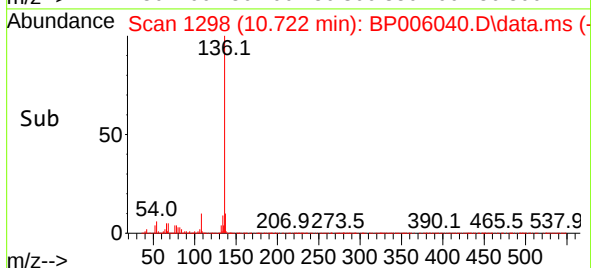
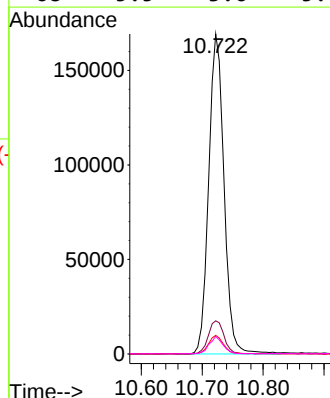
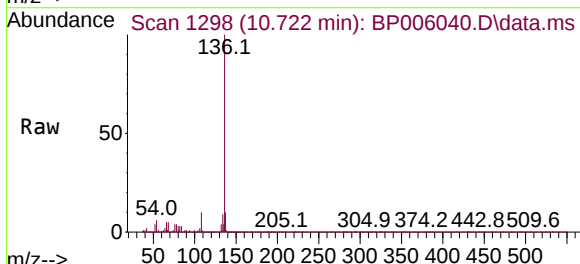
Instrument :
BNA_P
ClientSampleId :
SU-04-062121

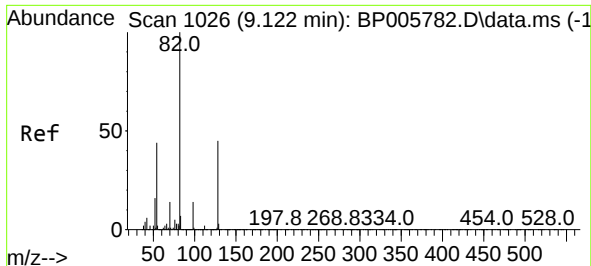
Tgt Ion:	99	Resp:	168390
Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.4	20.0
71	35.6	30.6	46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

Tgt Ion:	136	Resp:	296073
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	5.8	4.6	6.8
68	5.5	3.6	5.4

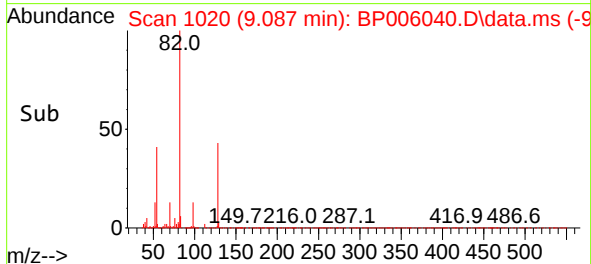
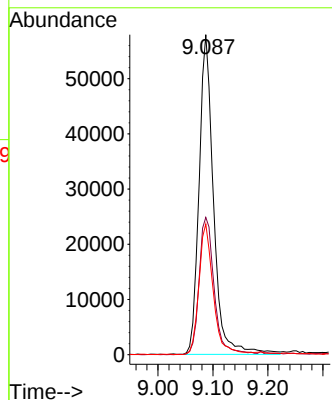
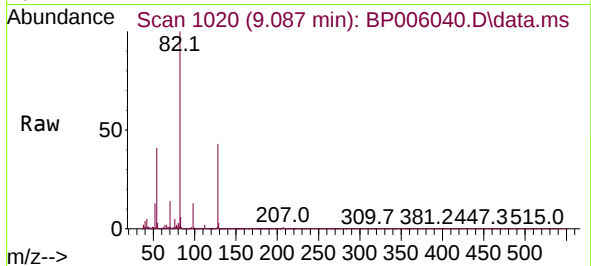




#23
Nitrobenzene-d5
Concen: 17.58 ng
RT: 9.087 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

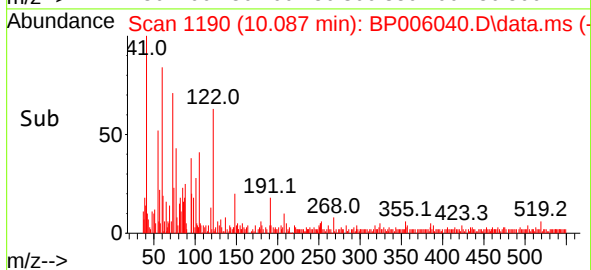
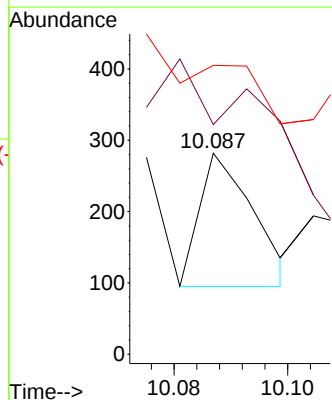
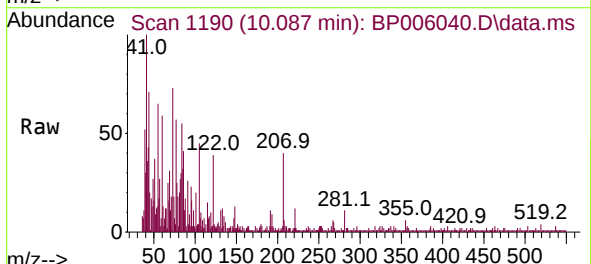
Instrument :
BNA_P
ClientSampleId :
SU-04-062121

Tgt Ion: 82 Resp: 106193
Ion Ratio Lower Upper
82 100
128 42.9 35.7 53.5
54 40.8 35.0 52.4



#32
Benzoic acid
Concen: 6.35 ng
RT: 10.087 min Scan# 1190
Delta R.T. 0.012 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

Tgt Ion:122 Resp: 124
Ion Ratio Lower Upper
122 100
105 114.2 103.2 143.2
77 143.6 76.2 116.2#

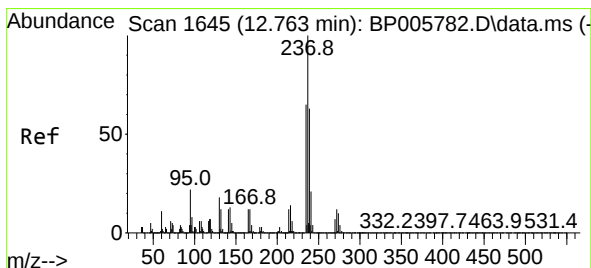
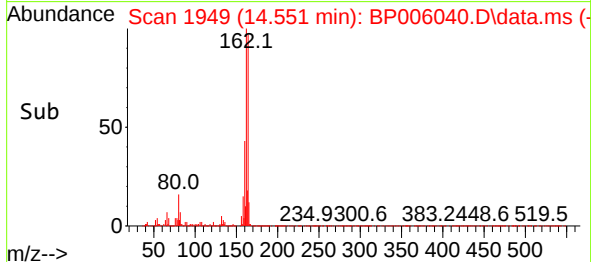
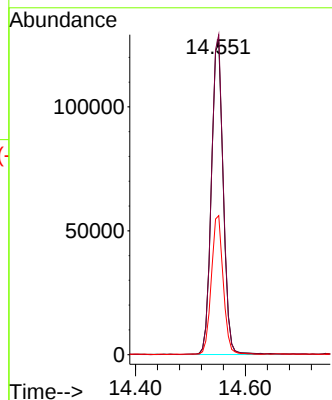
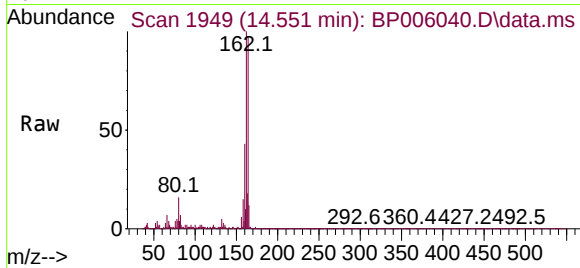




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

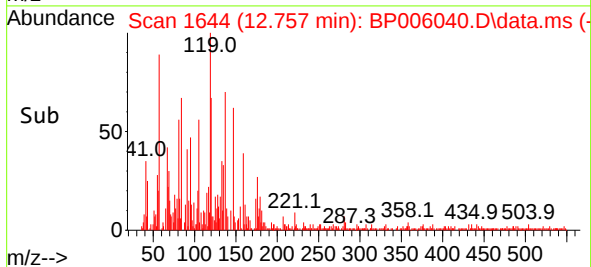
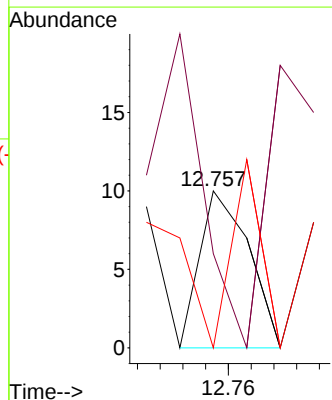
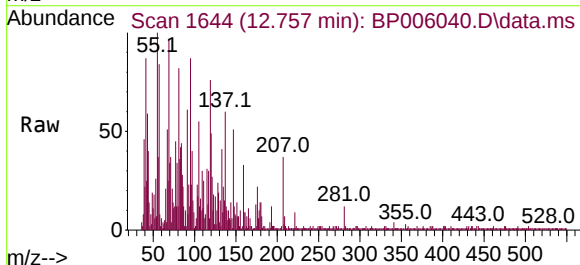
Instrument :
BNA_P
ClientSampleId :
SU-04-062121

Tgt Ion:	164	Resp:	189920
Ion Ratio	Lower	Upper	
164	100		
162	102.6	80.2	120.2
160	44.6	34.5	51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.757 min Scan# 1644
Delta R.T. 0.029 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

Tgt Ion:	237	Resp:	6
Ion Ratio	Lower	Upper	
237	100		
235	60.0	44.5	84.5
272	0.0	0.0	32.5

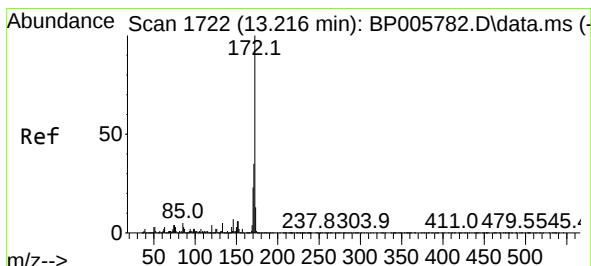
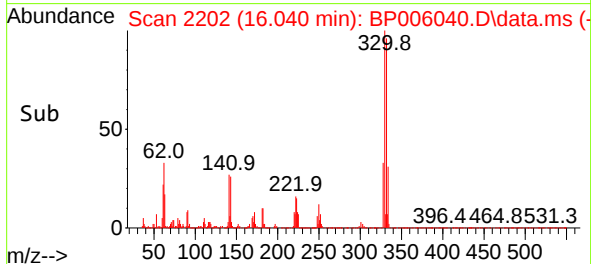
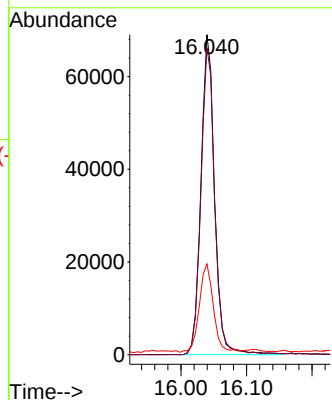
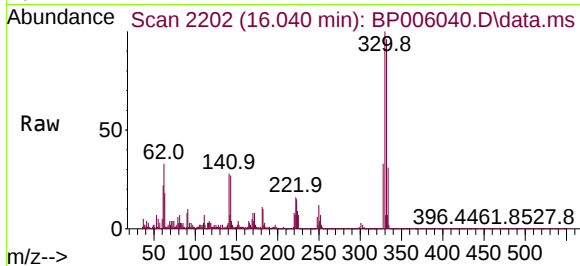




#42
2,4,6-Tribromophenol
Concen: 30.65 ng
RT: 16.040 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

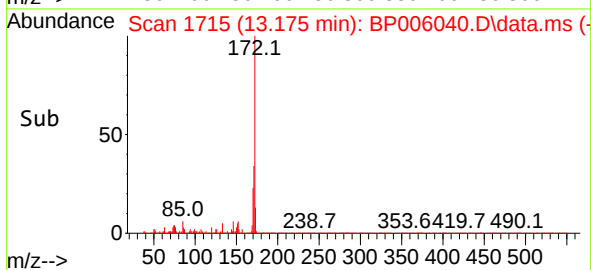
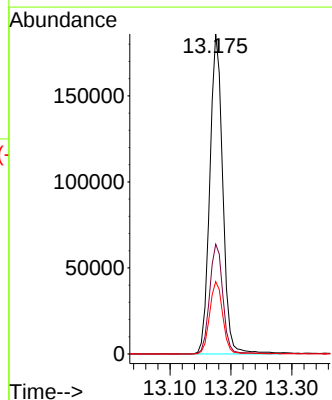
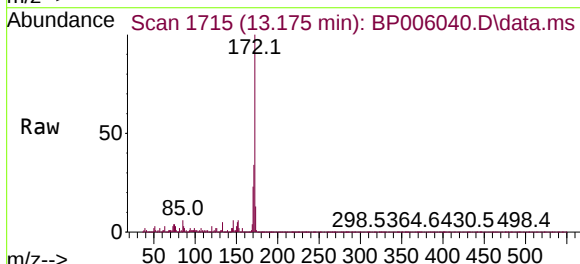
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ClientSampleId :
SU-04-062121

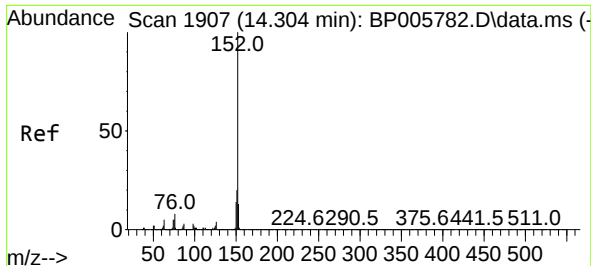
Tgt Ion:330 Resp: 99878
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 28.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 19.01 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

Tgt Ion:172 Resp: 274895
Ion Ratio Lower Upper
172 100
171 34.3 27.9 41.9
170 22.6 18.6 27.8

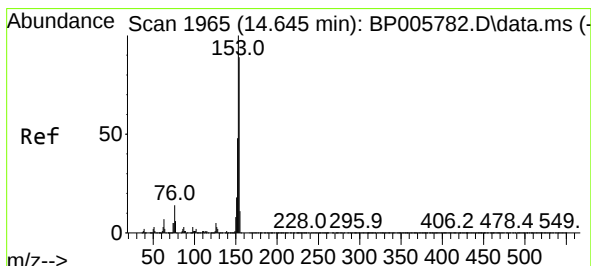
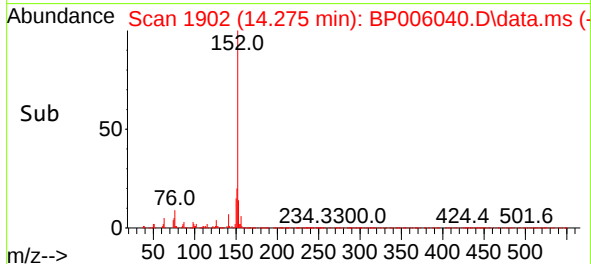
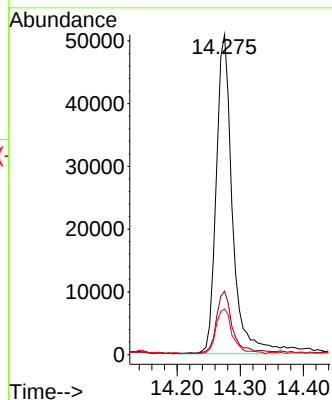
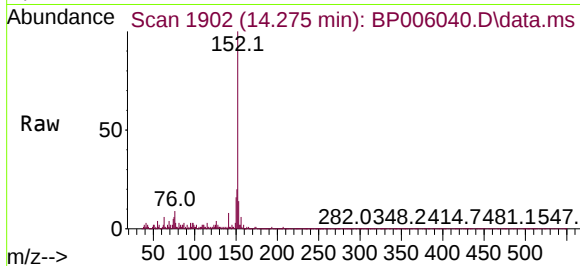




#49
Acenaphthylene
Concen: 4.71 ng
RT: 14.275 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

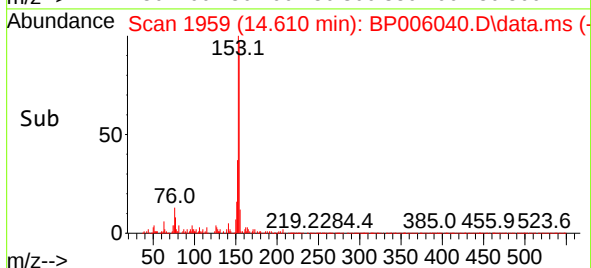
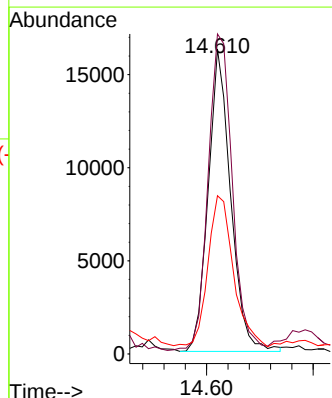
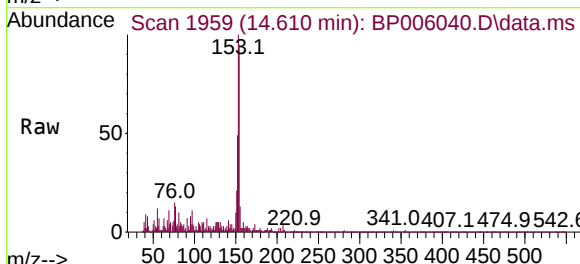
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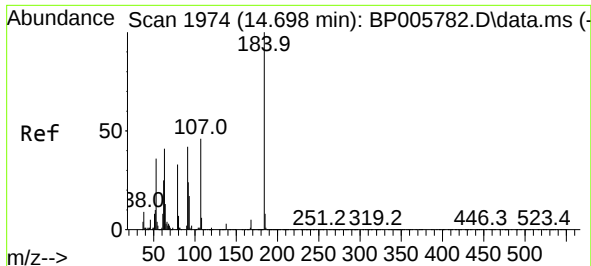
Tgt Ion:152	Resp:	90260
Ion Ratio	Lower	Upper
152	100	
151	19.9	16.2 24.2
153	14.3	10.6 16.0



#52
Acenaphthene
Concen: 2.04 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

Tgt Ion:154	Resp:	23809
Ion Ratio	Lower	Upper
154	100	
153	105.0	89.4 134.2
152	51.9	43.0 64.4

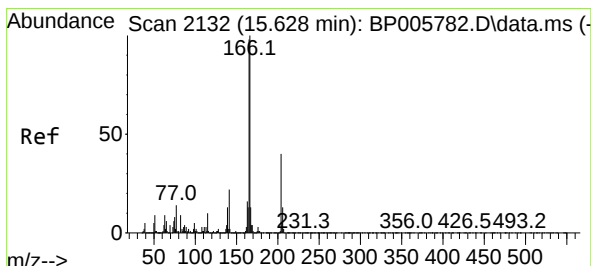
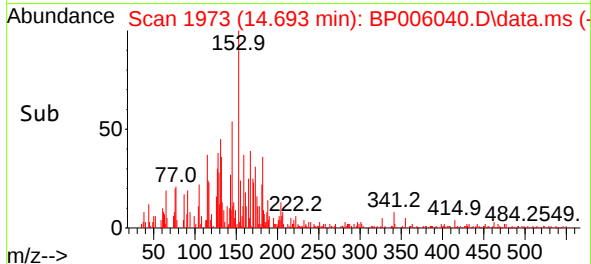
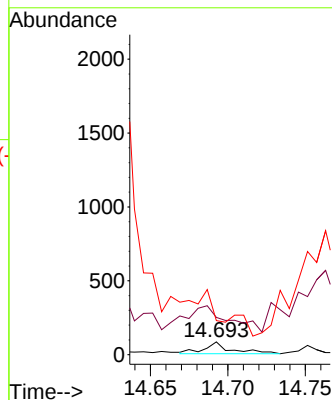
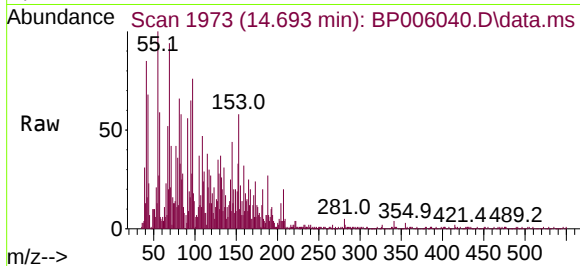




#54
2,4-Dinitrophenol
Concen: 4.89 ng
RT: 14.693 min Scan# 1973
Delta R.T. 0.018 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

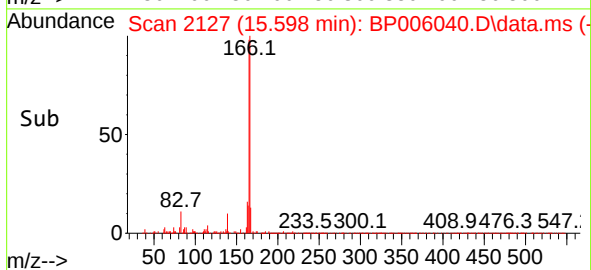
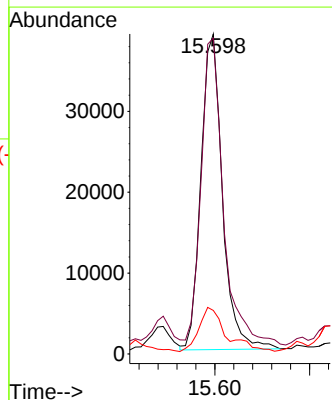
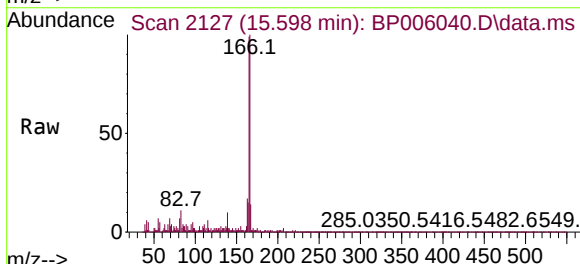
Instrument :
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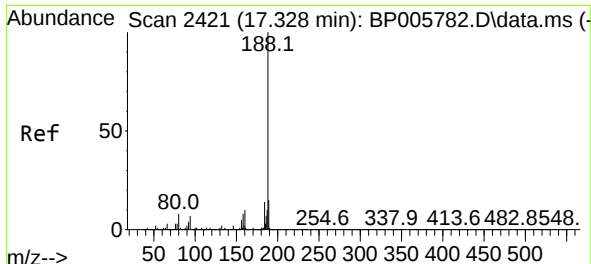
Tgt Ion:184 Resp: 94
Ion Ratio Lower Upper
184 100
63 249.5 47.0 70.6#
154 228.7 52.3 78.5#



#58
Fluorene
Concen: 4.12 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

Tgt Ion:166 Resp: 61528
Ion Ratio Lower Upper
166 100
165 98.7 78.0 117.0
167 13.6 10.5 15.7

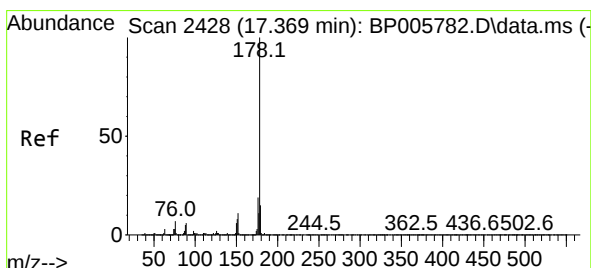
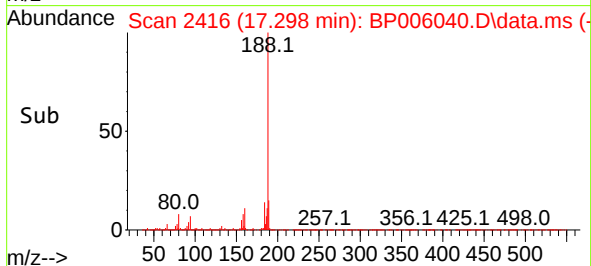
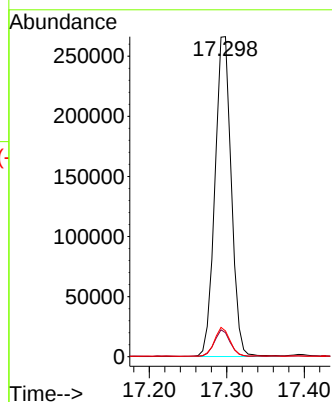
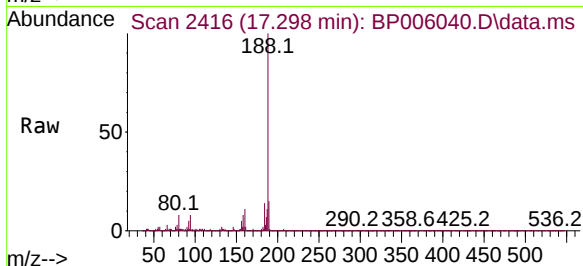




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.298 min Scan# 2416
Delta R.T. 0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

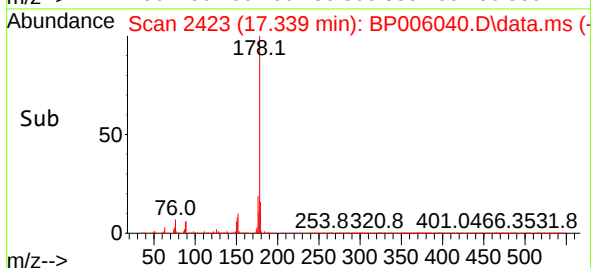
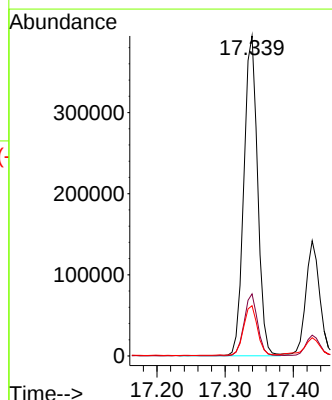
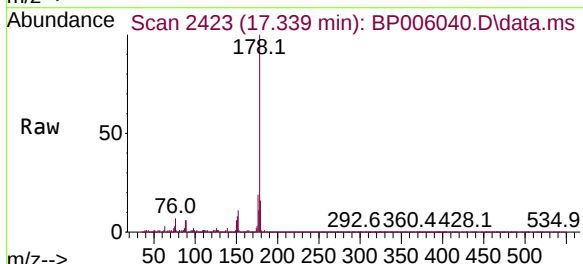
Instrument :
BNA_P
ClientSampleId :
SU-04-062121

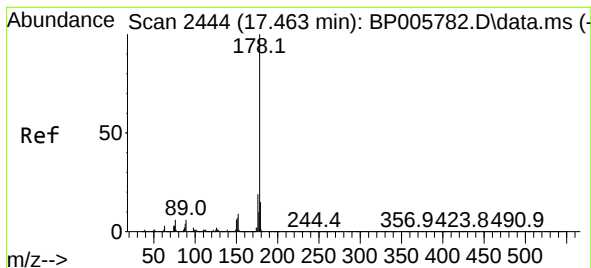
Tgt Ion:188 Resp: 390422
Ion Ratio Lower Upper
188 100
94 7.5 5.6 8.4
80 8.1 6.3 9.5



#71
Phenanthrene
Concen: 23.52 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

Tgt Ion:178 Resp: 551477
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 15.7 12.4 18.6





#72

Anthracene

Concen: 8.36 ng

RT: 17.428 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BP006040.D

Acq: 23 Jun 2021 18:10

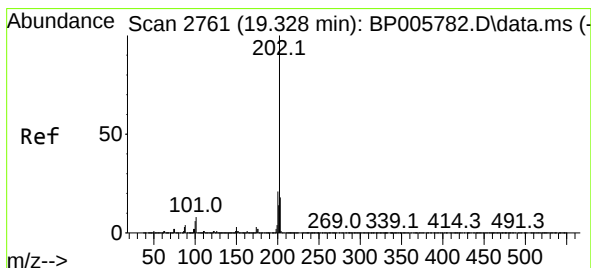
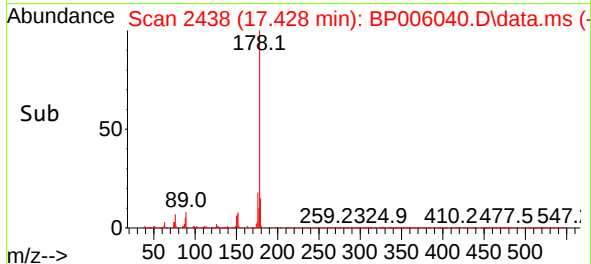
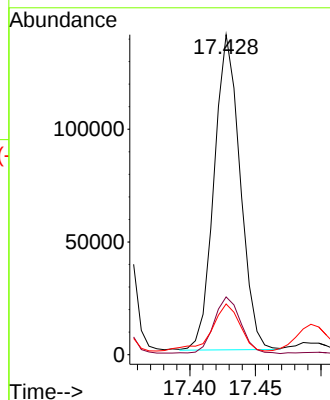
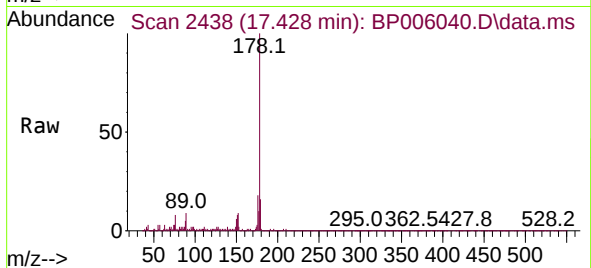
Instrument :

BNA_P

ClientSampleId :

SU-04-062121

Tgt Ion:178	Resp: 192827
Ion Ratio	Lower Upper
178	100
176	18.1 14.9 22.3
179	15.9 12.2 18.2



#75

Fluoranthene

Concen: 33.83 ng

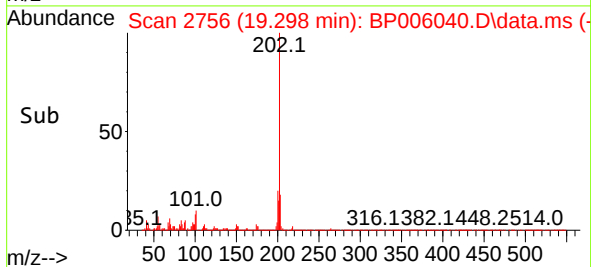
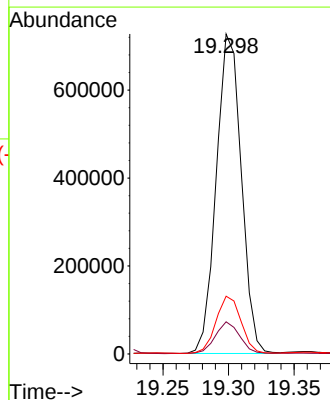
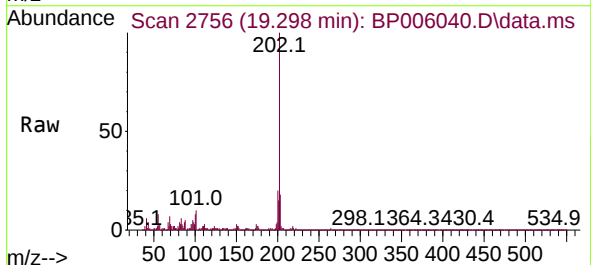
RT: 19.298 min Scan# 2756

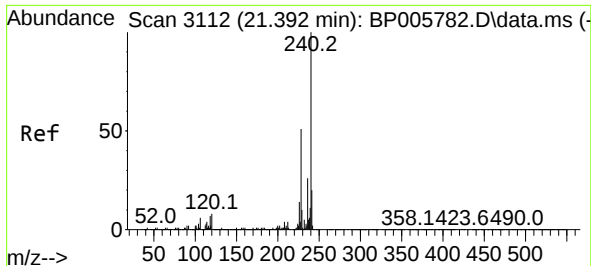
Delta R.T. -0.000 min

Lab File: BP006040.D

Acq: 23 Jun 2021 18:10

Tgt Ion:202	Resp: 963191
Ion Ratio	Lower Upper
202	100
101	10.1 0.0 27.6
203	18.0 0.0 37.8

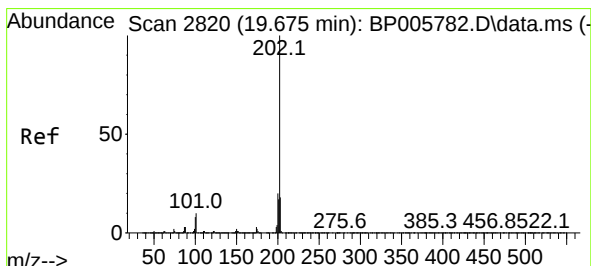
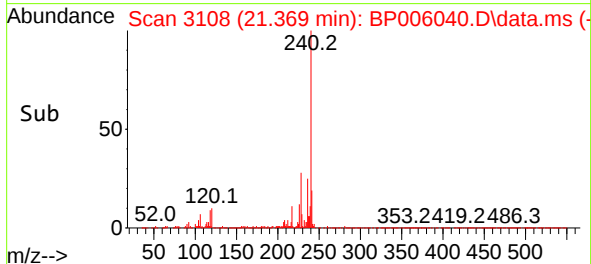
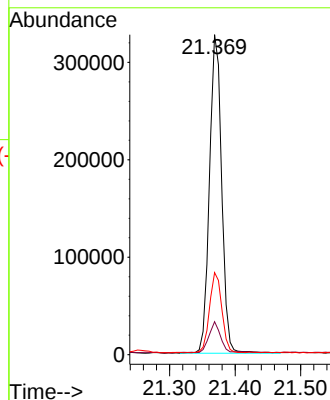
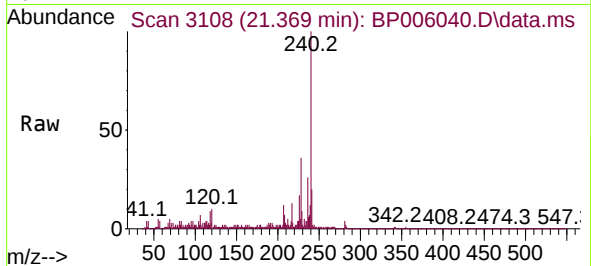




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.369 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

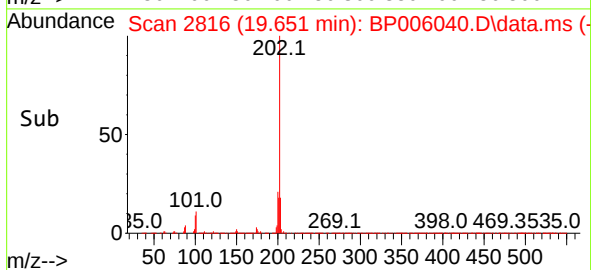
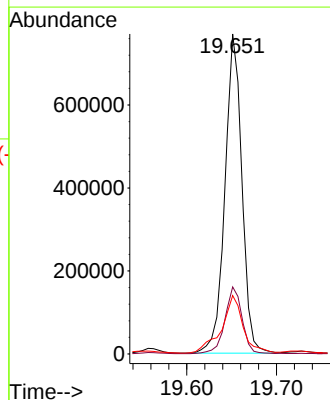
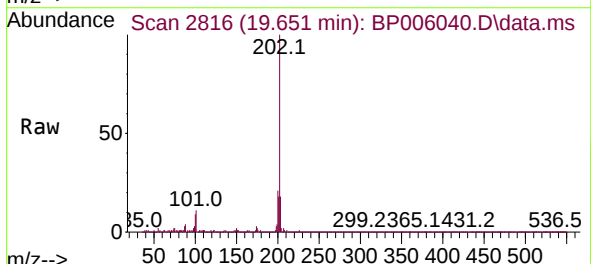
Instrument :
BNA_P
ClientSampleId :
SU-04-062121

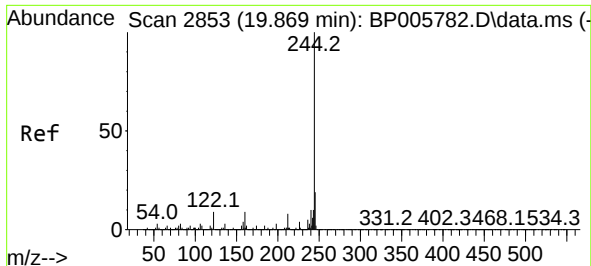
Tgt Ion:240 Resp: 423346
Ion Ratio Lower Upper
240 100
120 10.3 6.5 9.7#
236 25.7 20.6 31.0



#78
Pyrene
Concen: 34.24 ng
RT: 19.651 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

Tgt Ion:202 Resp: 1011862
Ion Ratio Lower Upper
202 100
200 20.9 16.3 24.5
203 18.2 14.2 21.2

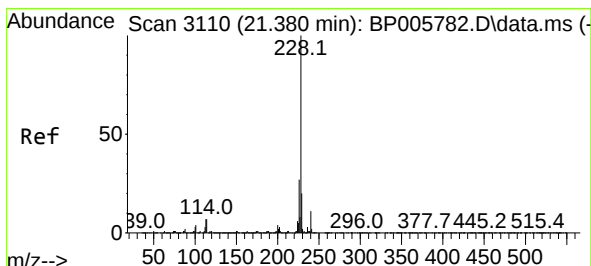
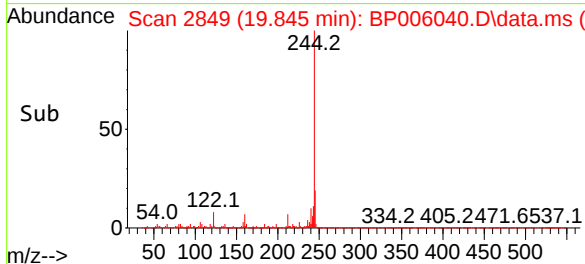
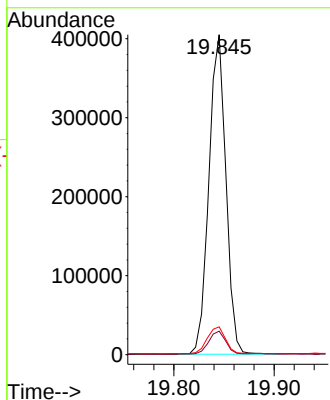
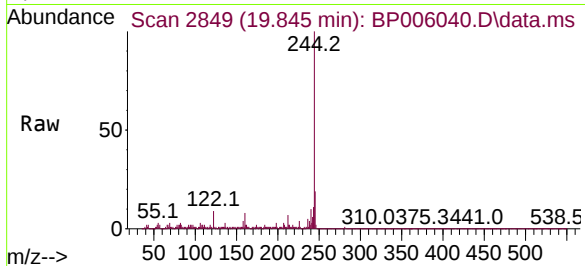




#79
 Terphenyl-d14
 Concen: 21.08 ng
 RT: 19.845 min Scan# 2849
 Delta R.T. -0.000 min
 Lab File: BP006040.D
 Acq: 23 Jun 2021 18:10

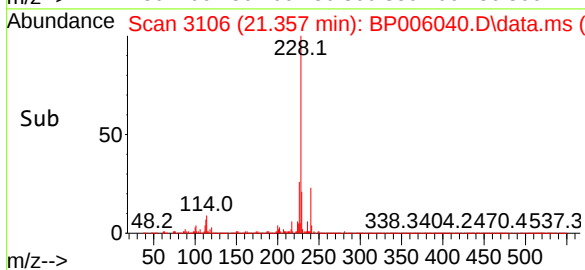
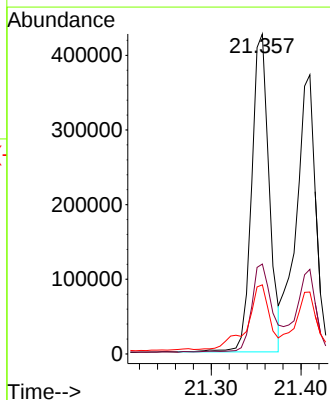
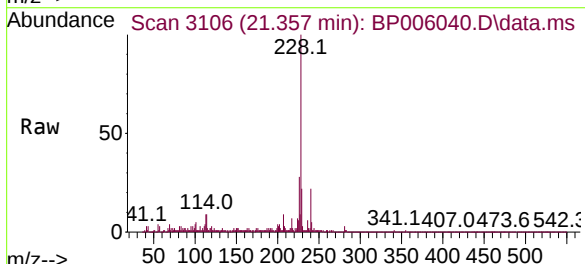
Instrument :
 BNA_P
 ClientSampleId :
 SU-04-062121

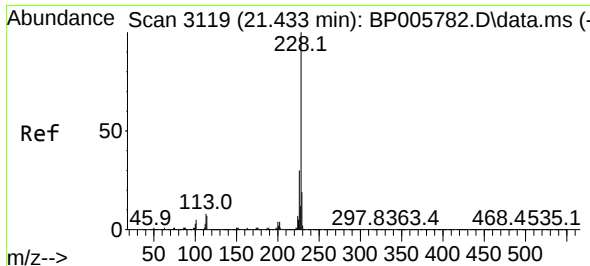
Tgt Ion:244 Resp: 476488
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 8.7 7.1 10.7



#81
 Benzo(a)anthracene
 Concen: 18.81 ng
 RT: 21.357 min Scan# 3106
 Delta R.T. 0.006 min
 Lab File: BP006040.D
 Acq: 23 Jun 2021 18:10

Tgt Ion:228 Resp: 574784
 Ion Ratio Lower Upper
 228 100
 226 28.1 21.6 32.4
 229 21.6 15.8 23.6

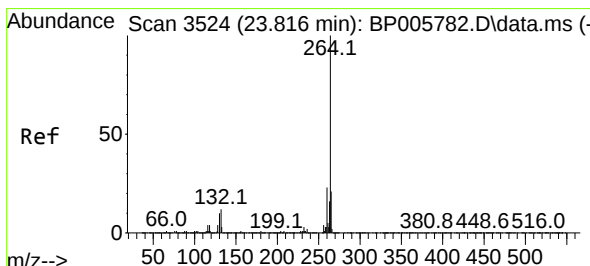
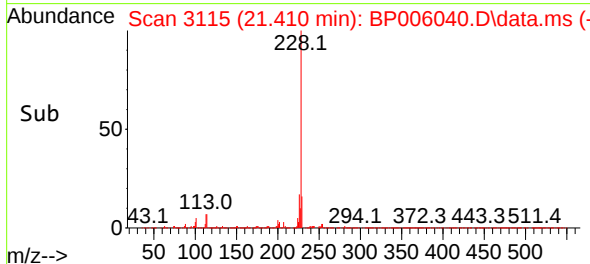
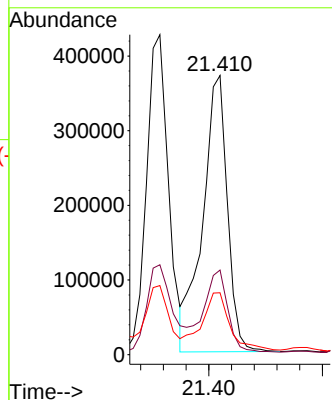
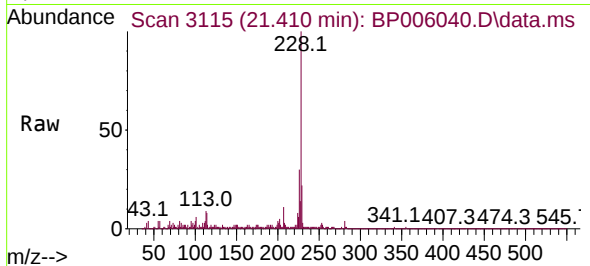




#83
Chrysene
Concen: 18.94 ng
RT: 21.410 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

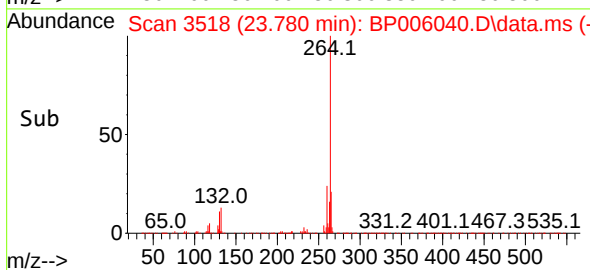
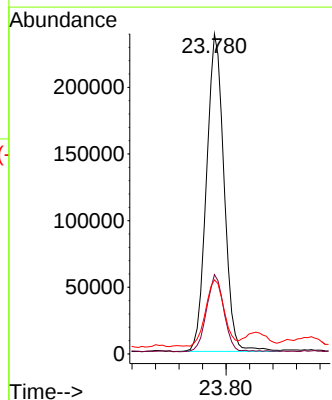
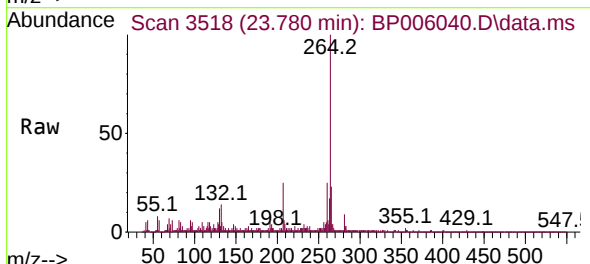
Instrument :
BNA_P
ClientSampleId :
SU-04-062121

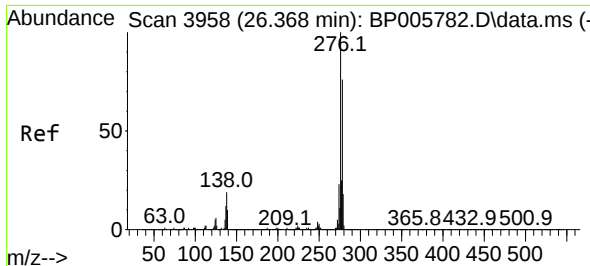
Tgt Ion:	228	Resp:	560575
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.8	35.6
229	22.2	15.4	23.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.780 min Scan# 3518
Delta R.T. 0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

Tgt Ion:	264	Resp:	495007
Ion Ratio	Lower	Upper	
264	100		
260	24.8	18.6	28.0
265	23.2	17.6	26.4

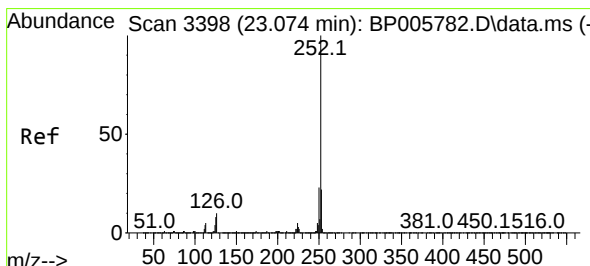
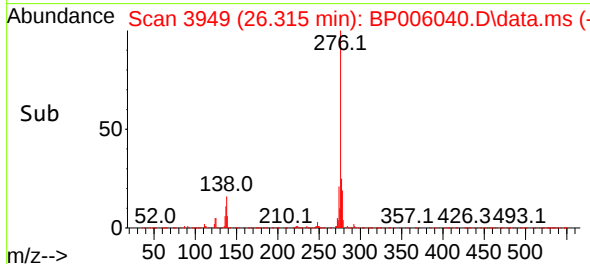
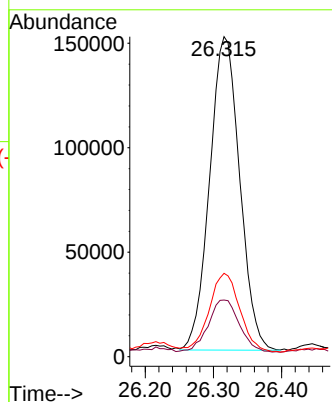
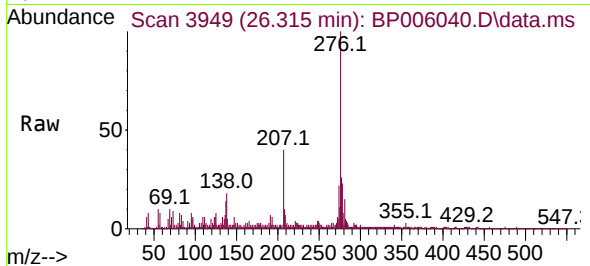




#87
Indeno(1,2,3-cd)pyrene
Concen: 10.87 ng
RT: 26.315 min Scan# 3949
Delta R.T. 0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

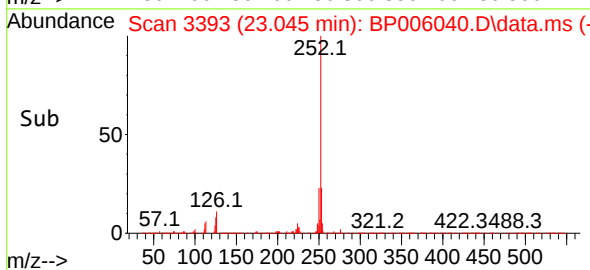
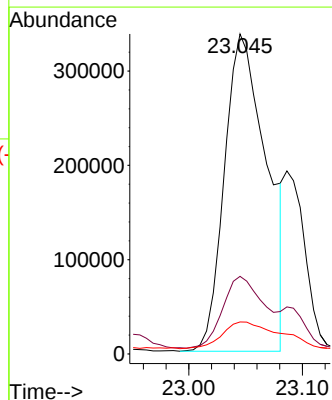
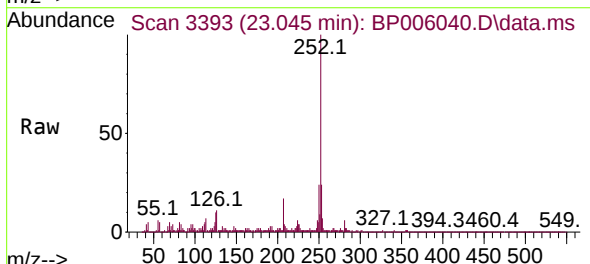
Instrument :
BNA_P
ClientSampleId :
SU-04-062121

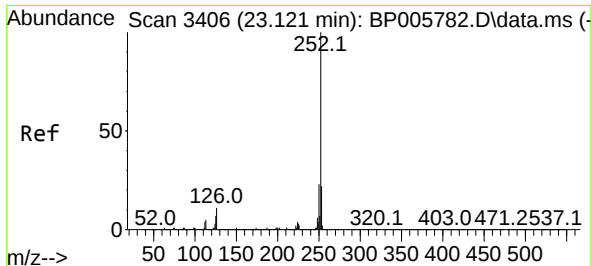
Tgt Ion:276 Resp: 460213
Ion Ratio Lower Upper
276 100
138 17.2 15.3 22.9
277 25.9 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 25.65 ng
RT: 23.045 min Scan# 3393
Delta R.T. 0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

Tgt Ion:252 Resp: 869561
Ion Ratio Lower Upper
252 100
253 24.3 17.5 26.3
125 10.0 6.2 9.4#

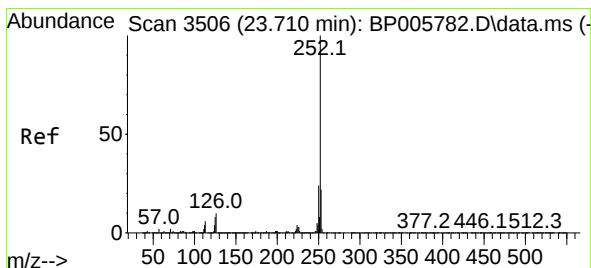
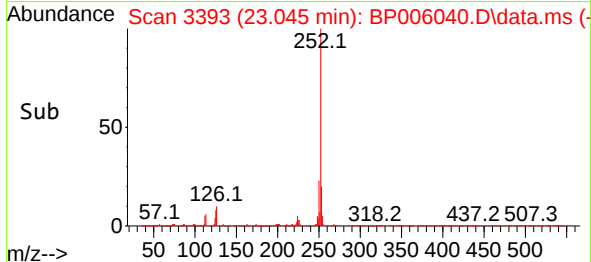
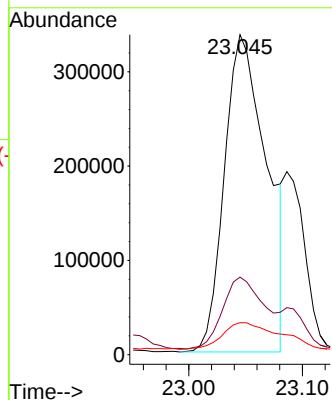
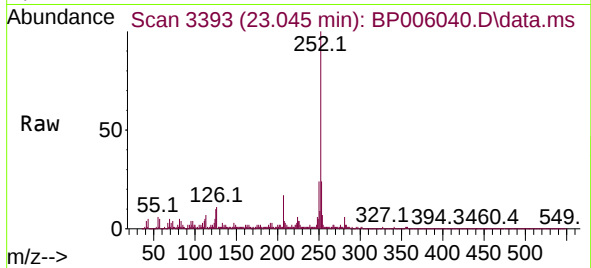




#89
Benzo(k)fluoranthene
Concen: 26.45 ng
RT: 23.045 min Scan# 3393
Delta R.T. -0.041 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

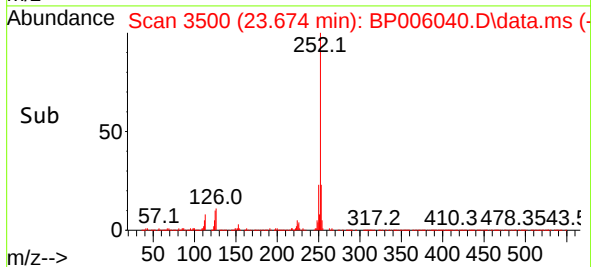
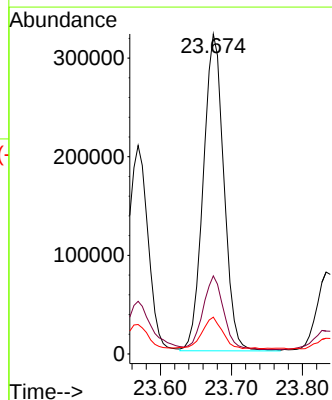
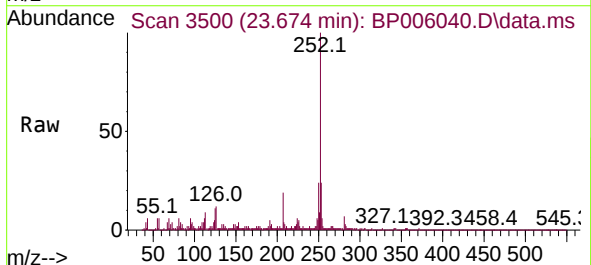
Instrument :
BNA_P
ClientSampleId :
SU-04-062121

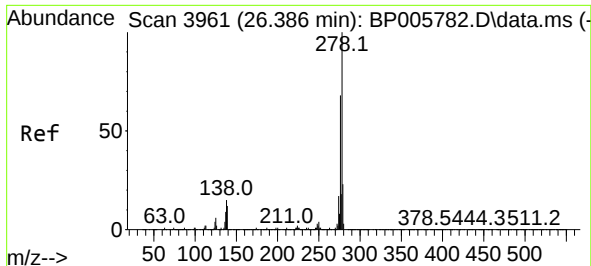
Tgt Ion:252 Resp: 869561
Ion Ratio Lower Upper
252 100
253 24.3 17.6 26.4
125 10.0 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 20.37 ng
RT: 23.674 min Scan# 3500
Delta R.T. 0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

Tgt Ion:252 Resp: 649261
Ion Ratio Lower Upper
252 100
253 24.4 17.9 26.9
125 11.5 6.5 9.7#

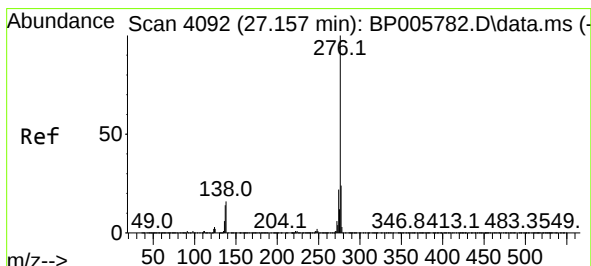
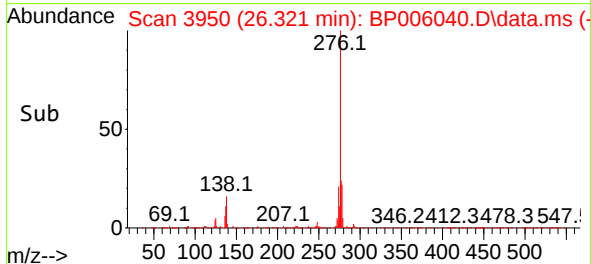
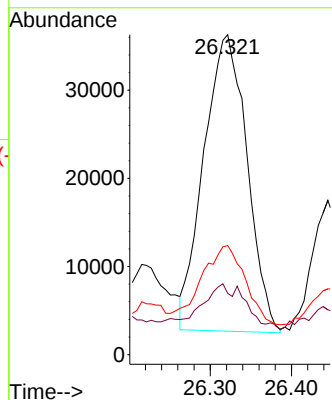
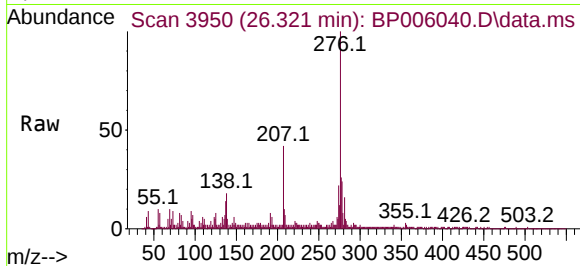




#91
Dibenzo(a,h)anthracene
Concen: 3.41 ng
RT: 26.321 min Scan# 3950
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

Instrument :
BNA_P
ClientSampleId :
SU-04-062121

Tgt Ion:278 Resp: 124349
Ion Ratio Lower Upper
278 100
139 19.2 9.3 13.9#
279 34.1 18.8 28.2#



#92
Benzo(g,h,i)perylene
Concen: 13.22 ng
RT: 27.104 min Scan# 4083
Delta R.T. 0.018 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

Tgt Ion:276 Resp: 475672
Ion Ratio Lower Upper
276 100
277 25.8 18.9 28.3
138 18.9 12.6 18.8#

