

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
 Data File : BP006120.D
 Acq On : 30 Jun 2021 22:14
 Operator : CG/JU
 Sample : M2891-01RE 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-062821

Quant Time: Jul 01 03:08:47 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 16:39:37 2021
 Response via : Initial Calibration

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

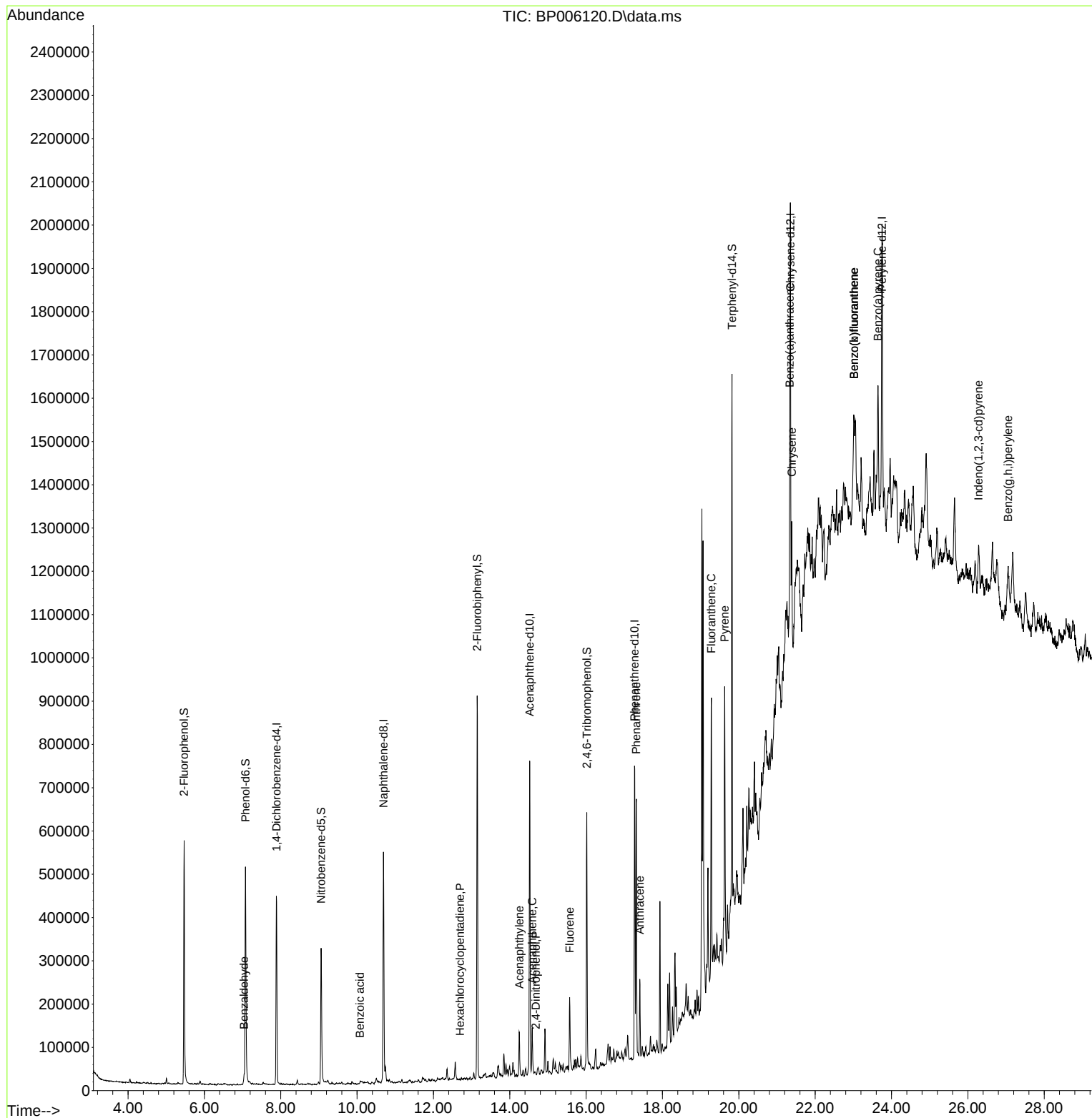
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	129874	20.00	ng	0.00
21) Naphthalene-d8	10.693	136	463692	20.00	ng	0.00
39) Acenaphthene-d10	14.522	164	247575	20.00	ng	0.00
64) Phenanthrene-d10	17.269	188	426328	20.00	ng	0.00
76) Chrysene-d12	21.351	240	453111	20.00	ng	0.00
86) Perylene-d12	23.751	264	548027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	276420	34.15	ng	0.00
7) Phenol-d6	7.075	99	343266	32.72	ng	0.00
23) Nitrobenzene-d5	9.057	82	210744	22.28	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	126824	29.85	ng	0.00
45) 2-Fluorobiphenyl	13.146	172	471568	25.01	ng	0.00
79) Terphenyl-d14	19.822	244	562154	23.23	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.040	77	10700	2.39	ng	99
32) Benzoic acid	10.075	122	1190	6.52	ng	# 81
41) Hexachlorocyclopentadiene	12.698	237	22	5.51	ng	77
49) Acenaphthylene	14.251	152	66046	2.64	ng	98
52) Acenaphthene	14.587	154	37900	2.50	ng	97
54) 2,4-Dinitrophenol	14.687	184	8	4.85	ng	# 1
58) Fluorene	15.569	166	80488	4.14	ng	99
71) Phenanthrene	17.316	178	352781	13.78	ng	100
72) Anthracene	17.404	178	119377	4.74	ng	99
75) Fluoranthene	19.280	202	358223	11.52	ng	98
78) Pyrene	19.628	202	375901	11.88	ng	99
81) Benzo(a)anthracene	21.333	228	187628	5.74	ng	# 93
83) Chrysene	21.386	228	186572	5.89	ng	# 94
87) Indeno(1,2,3-cd)pyrene	26.280	276	108188	2.31	ng	99
88) Benzo(b)fluoranthene	23.021	252	210006	5.59	ng	# 82
89) Benzo(k)fluoranthene	23.021	252	210006	5.77	ng	# 82
90) Benzo(a)pyrene	23.645	252	176508	5.00	ng	# 85
92) Benzo(g,h,i)perylene	27.057	276	121879	3.06	ng	# 89

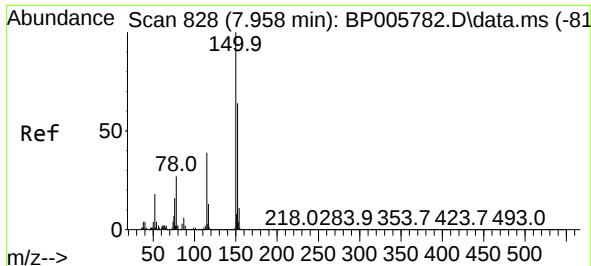
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
Data File : BP006120.D
Acq On : 30 Jun 2021 22:14
Operator : CG/JU
Sample : M2891-01RE 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-062821

Quant Time: Jul 01 03:08:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 30 16:39:37 2021
Response via : Initial Calibration

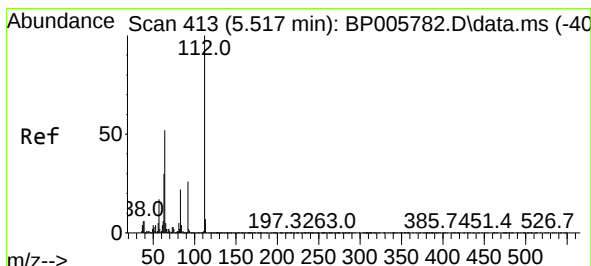
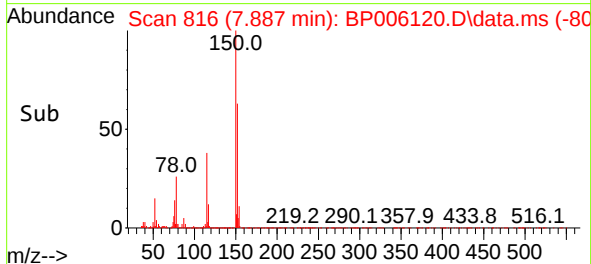
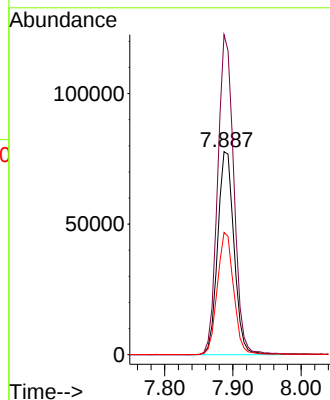
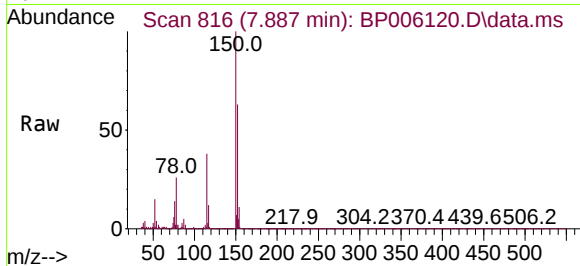




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

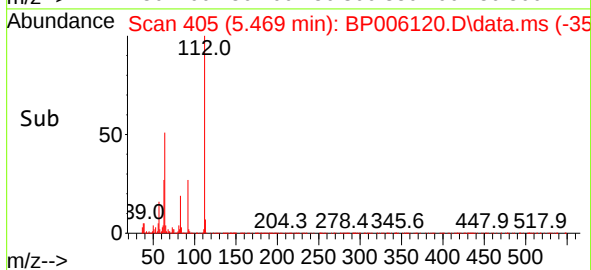
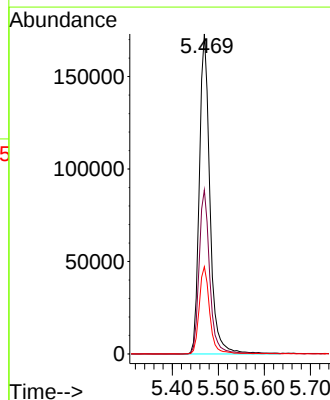
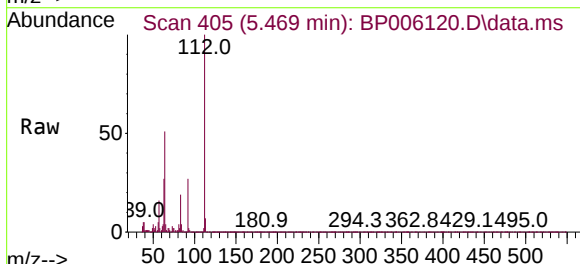
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

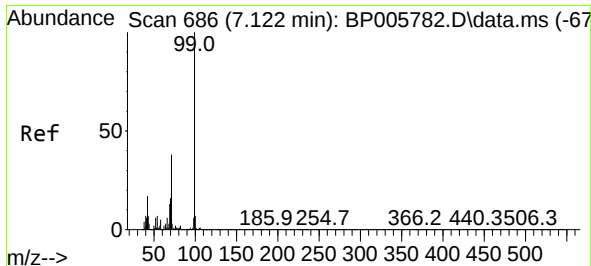
Tgt Ion:152 Resp: 129874
Ion Ratio Lower Upper
152 100
150 157.7 125.6 188.4
115 60.2 48.5 72.7



#5
2-Fluorophenol
Concen: 34.15 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Tgt Ion:112 Resp: 276420
Ion Ratio Lower Upper
112 100
64 51.3 41.4 62.2
63 27.2 23.8 35.8

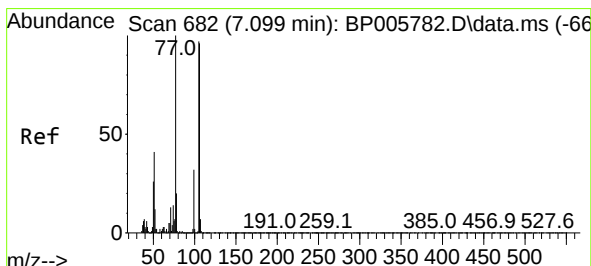
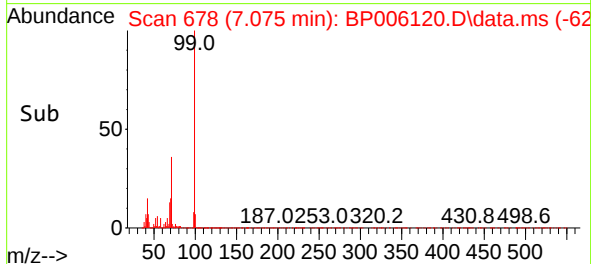
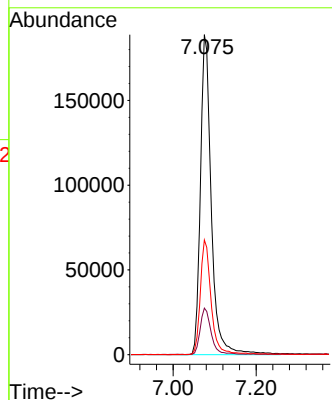
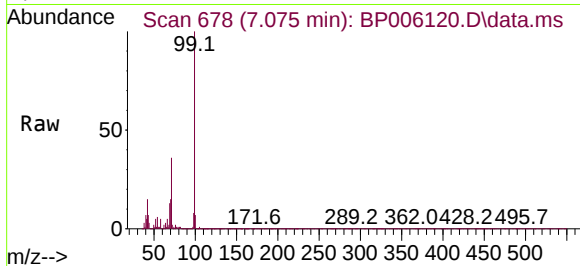




#7
Phenol-d6
Concen: 32.72 ng
RT: 7.075 min Scan# 678
Delta R.T. 0.000 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

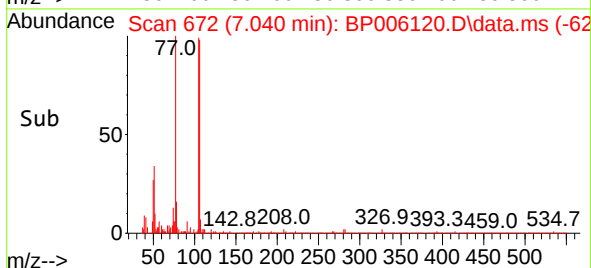
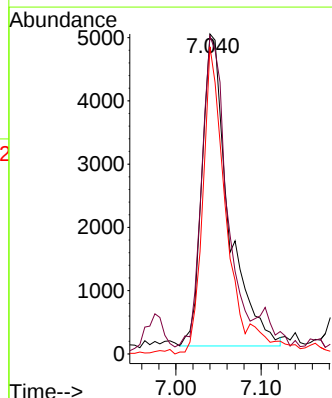
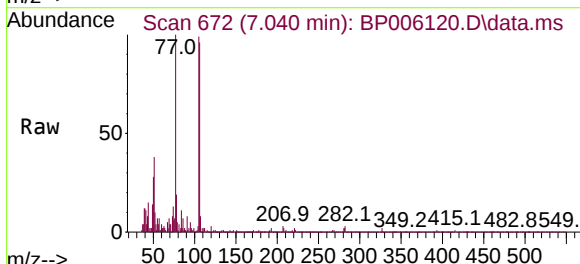
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

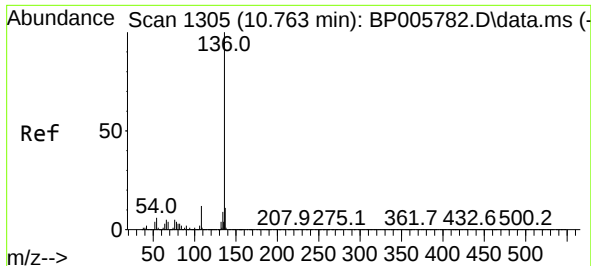
Tgt Ion: 99 Resp: 343266
Ion Ratio Lower Upper
99 100
42 14.6 13.4 20.0
71 35.9 30.6 46.0



#9
Benzaldehyde
Concen: 2.39 ng
RT: 7.040 min Scan# 672
Delta R.T. 0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Tgt Ion: 77 Resp: 10700
Ion Ratio Lower Upper
77 100
105 99.2 76.7 116.7
106 96.0 76.2 116.2

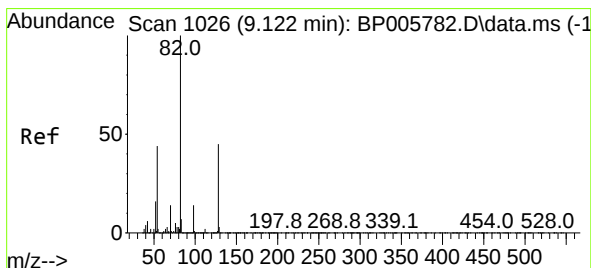
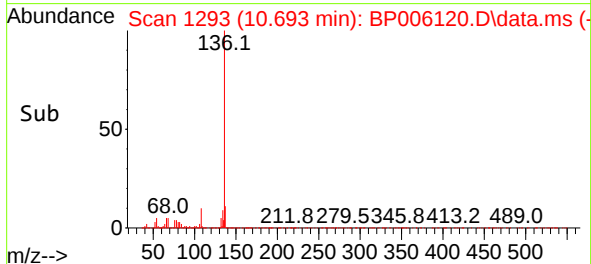
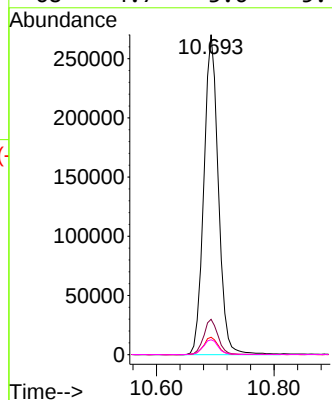
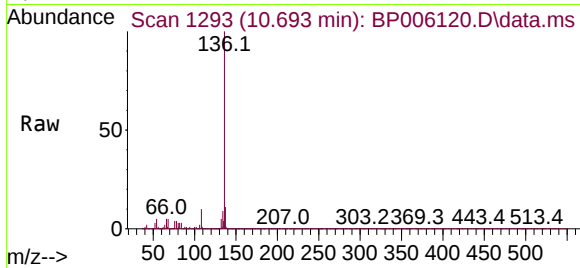




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.693 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

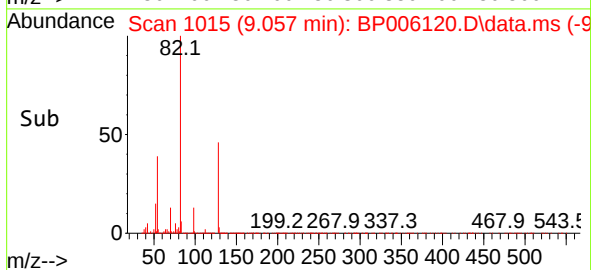
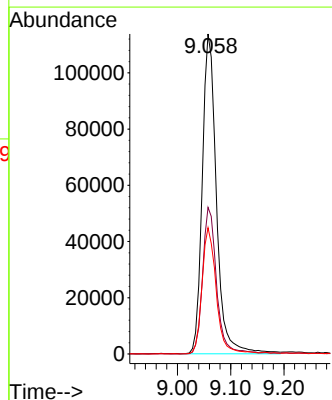
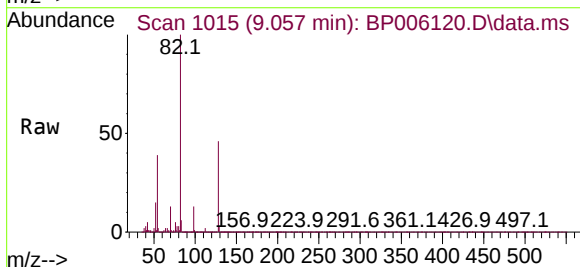
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

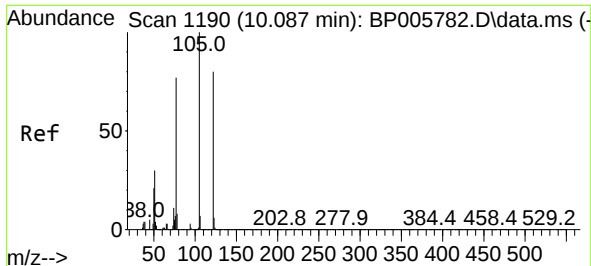
Tgt Ion:	136	Resp:	463692
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	5.4	4.6	6.8
68	4.7	3.6	5.4



#23
Nitrobenzene-d5
Concen: 22.28 ng
RT: 9.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Tgt Ion:	82	Resp:	210744
Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.7	53.5
54	39.4	35.0	52.4

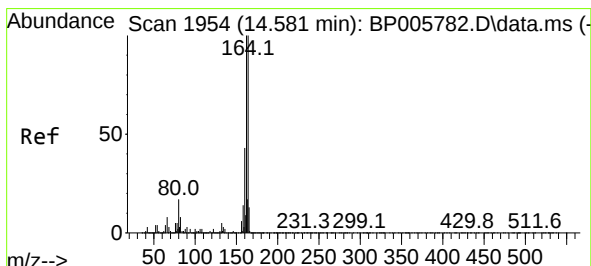
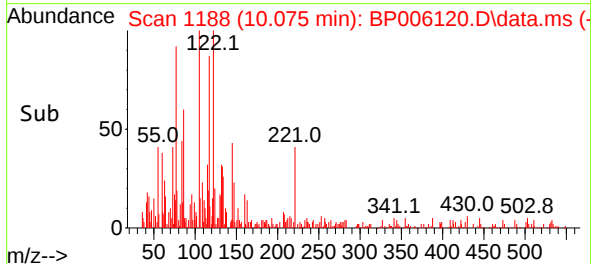
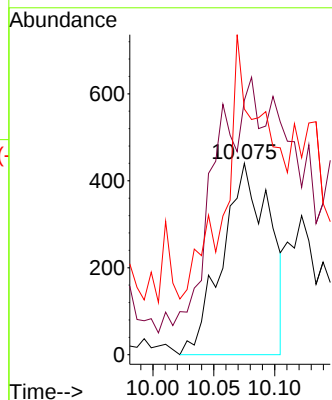
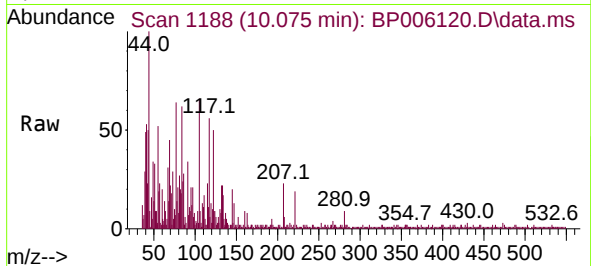




#32
Benzoic acid
Concen: 6.52 ng
RT: 10.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

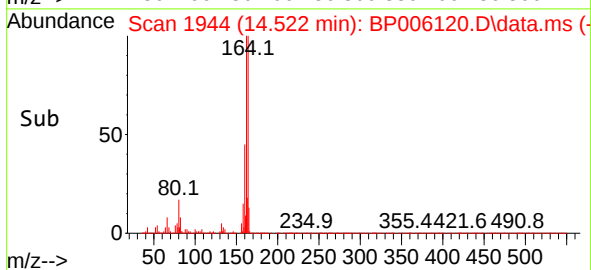
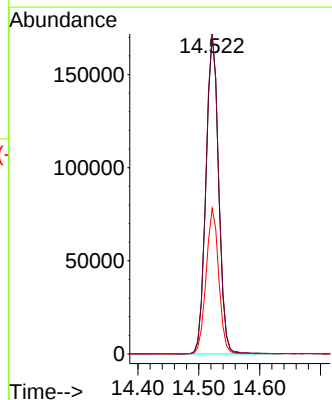
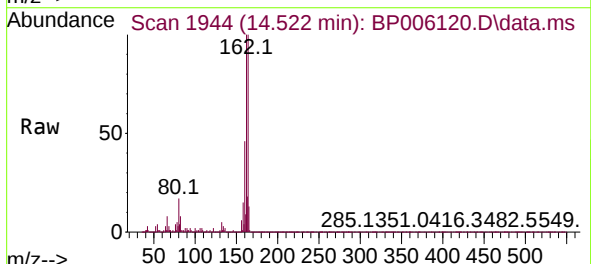
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

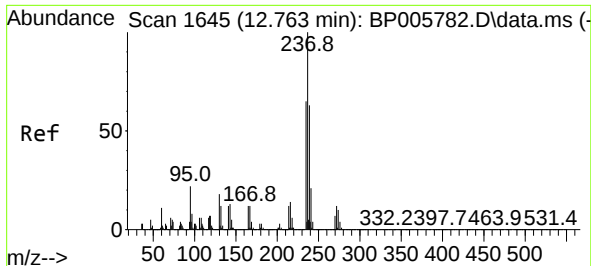
Tgt Ion:122 Resp: 1190
Ion Ratio Lower Upper
122 100
105 133.0 103.2 143.2
77 128.4 76.2 116.2#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Tgt Ion:164 Resp: 247575
Ion Ratio Lower Upper
164 100
162 99.9 80.2 120.2
160 45.5 34.5 51.7

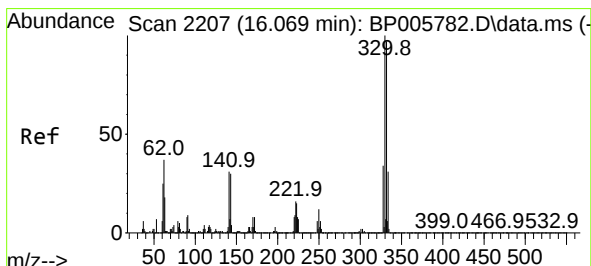
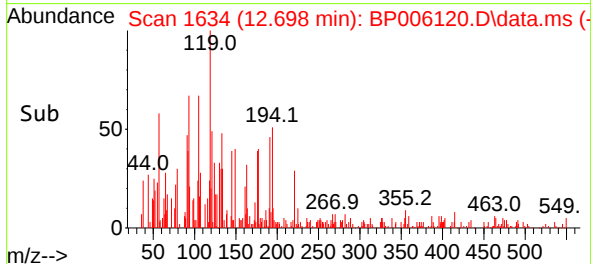
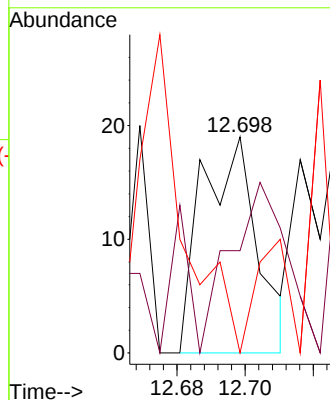
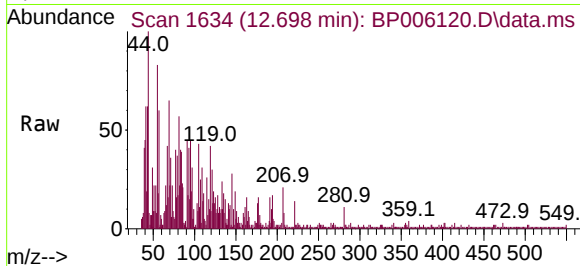




#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.698 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

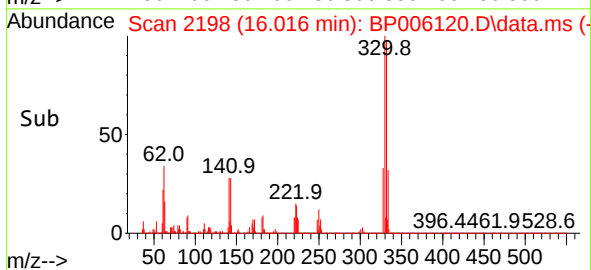
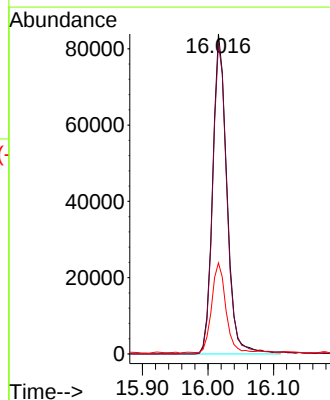
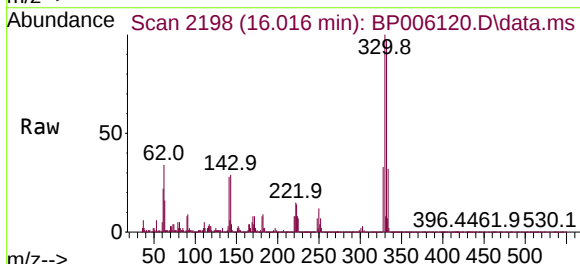
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

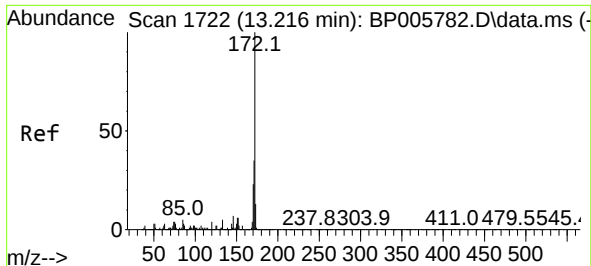
Tgt Ion:	237	Resp:	22
Ion	Ratio	Lower	Upper
237	100		
235	47.4	44.5	84.5
272	0.0	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 29.85 ng
RT: 16.016 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Tgt Ion:	330	Resp:	126824
Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.8	116.8
141	27.4	25.4	38.2

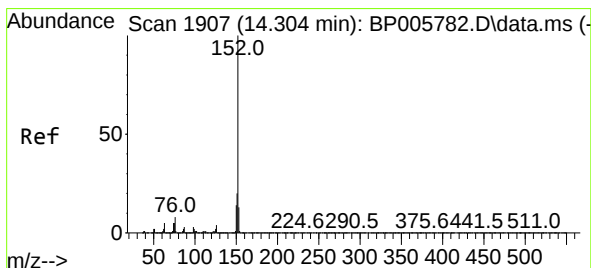
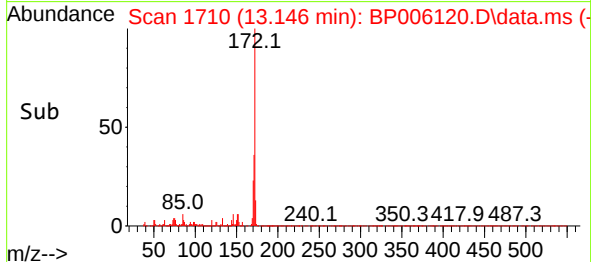
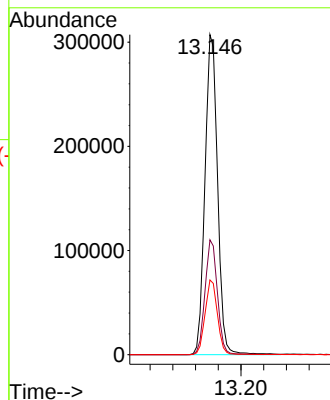
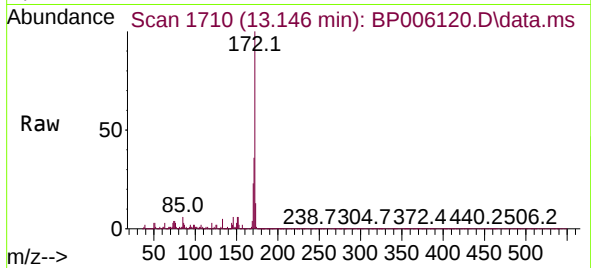




#45
2-Fluorobiphenyl
Concen: 25.01 ng
RT: 13.146 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

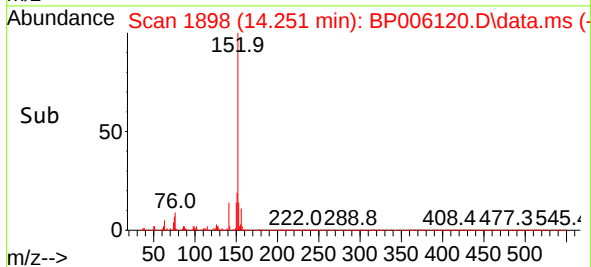
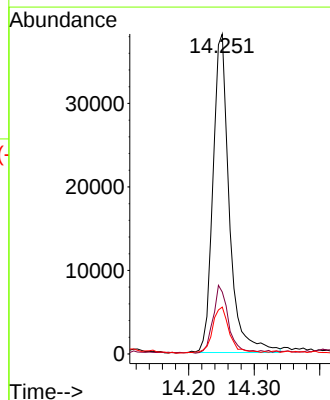
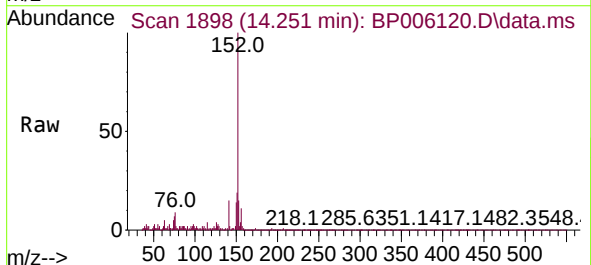
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

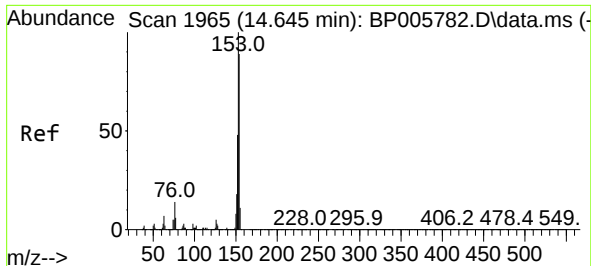
Tgt Ion:172	Resp:	471568	
Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.9	41.9
170	23.4	18.6	27.8



#49
Acenaphthylene
Concen: 2.64 ng
RT: 14.251 min Scan# 1898
Delta R.T. 0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Tgt Ion:152	Resp:	66046	
Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.2
153	14.7	10.6	16.0

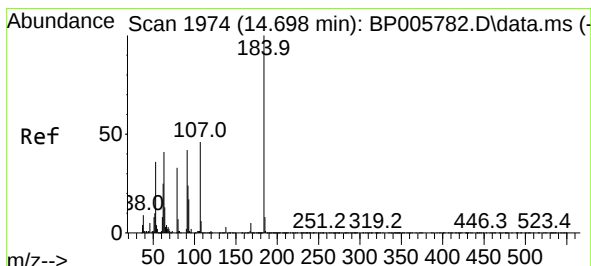
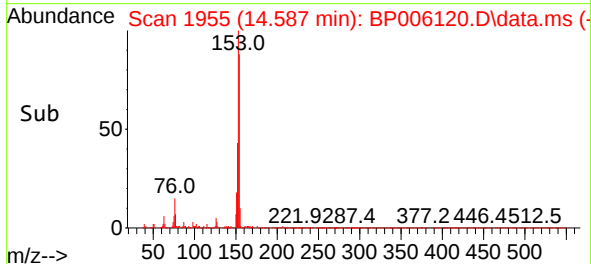
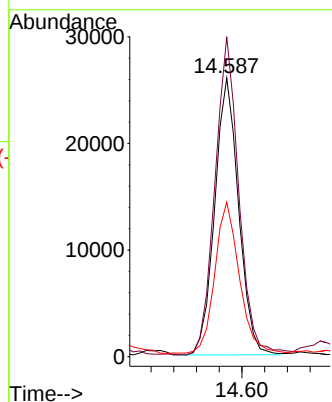
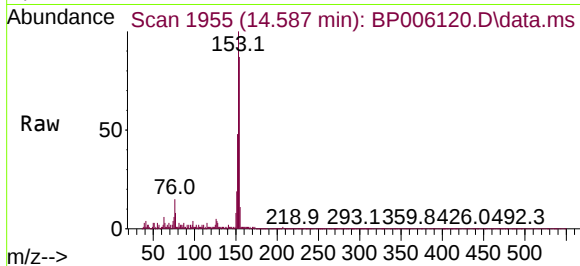




#52
Acenaphthene
Concen: 2.50 ng
RT: 14.587 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

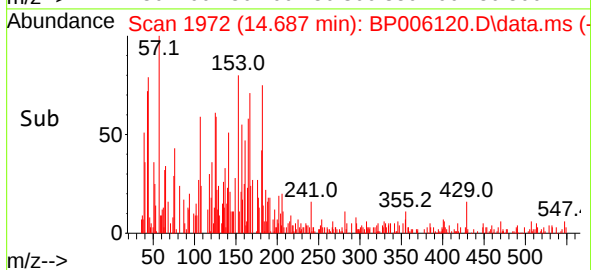
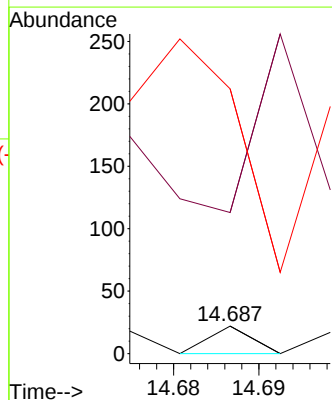
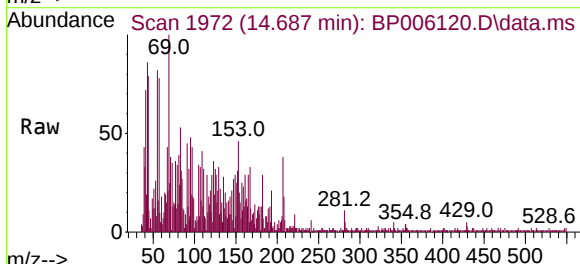
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

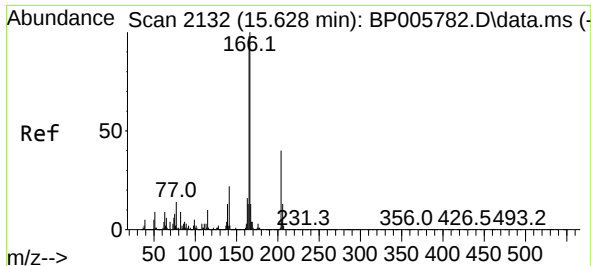
Tgt Ion:154	Resp:	37900
Ion Ratio	Lower	Upper
154	100	
153	114.8	89.4 134.2
152	55.5	43.0 64.4



#54
2,4-Dinitrophenol
Concen: 4.85 ng
RT: 14.687 min Scan# 1972
Delta R.T. 0.018 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Tgt Ion:184	Resp:	8
Ion Ratio	Lower	Upper
184	100	
63	513.6	47.0 70.6#
154	963.6	52.3 78.5#

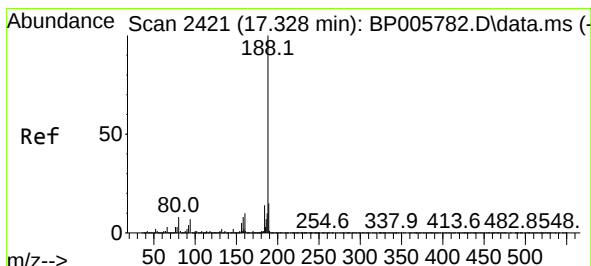
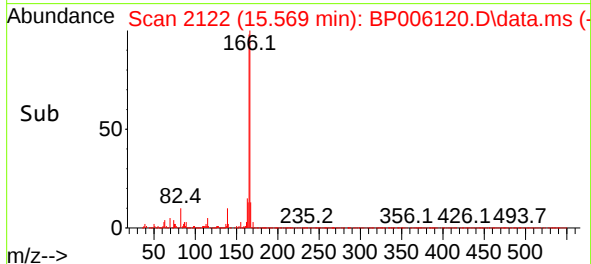
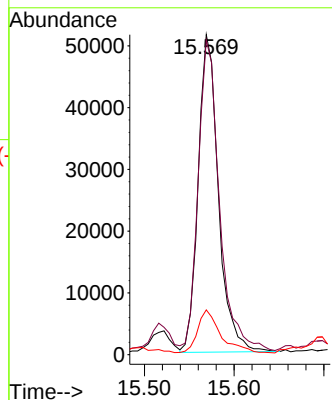
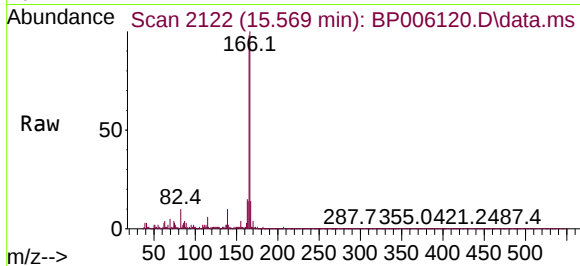




#58
Fluorene
Concen: 4.14 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

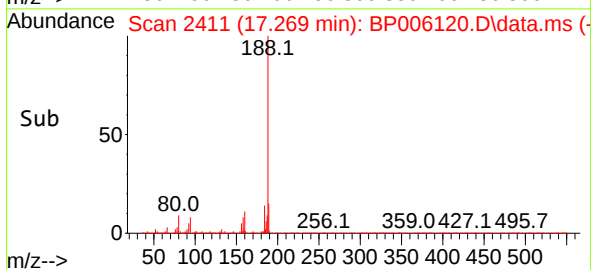
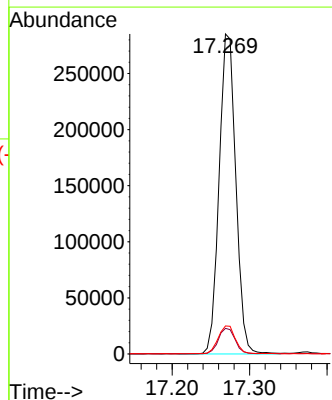
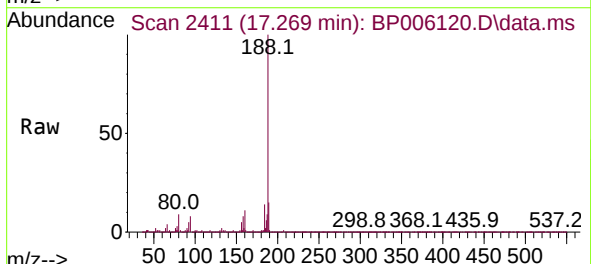
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

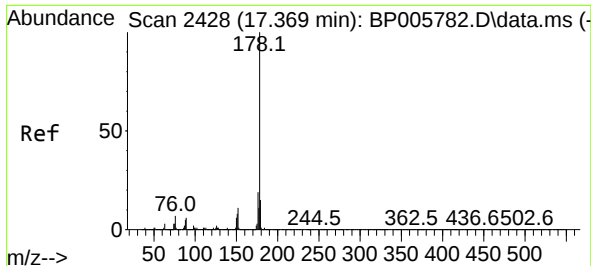
Tgt Ion:166 Resp: 80488
Ion Ratio Lower Upper
166 100
165 98.4 78.0 117.0
167 14.0 10.5 15.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Tgt Ion:188 Resp: 426328
Ion Ratio Lower Upper
188 100
94 8.0 5.6 8.4
80 8.8 6.3 9.5

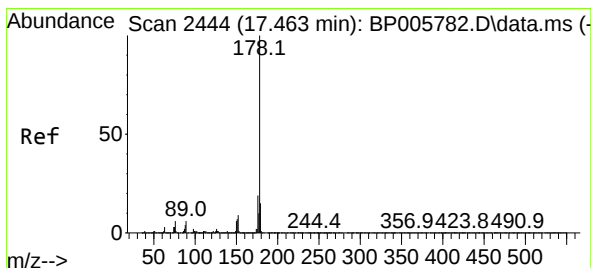
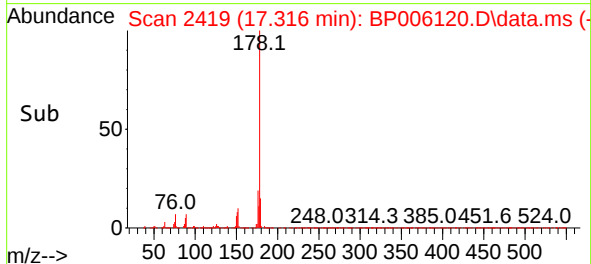
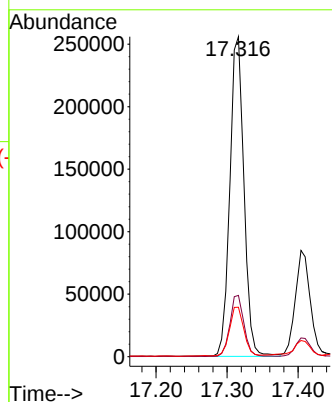
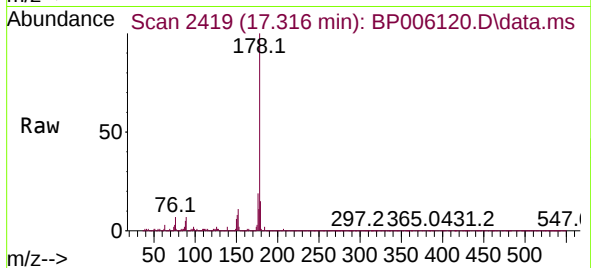




#71
Phenanthrene
Concen: 13.78 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

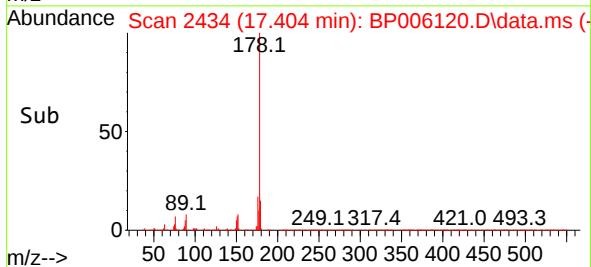
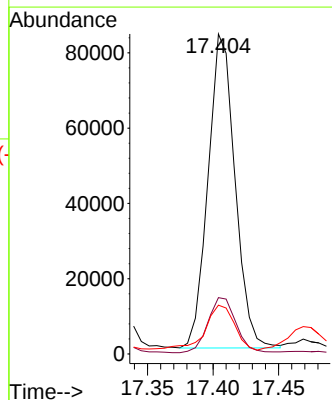
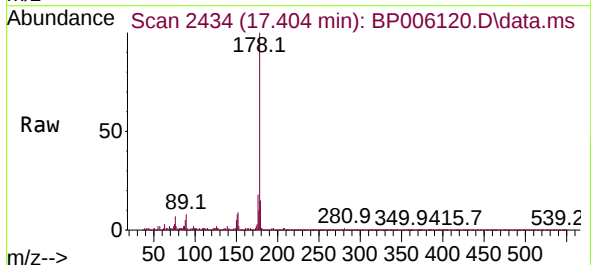
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

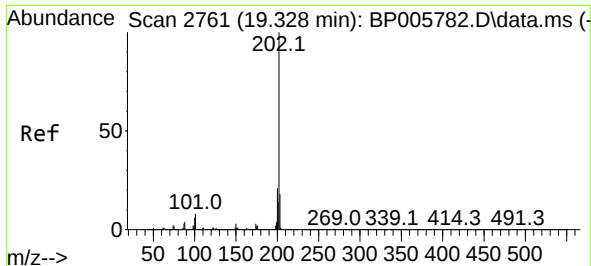
Tgt Ion:178 Resp: 352781
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.5 12.4 18.6



#72
Anthracene
Concen: 4.74 ng
RT: 17.404 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Tgt Ion:178 Resp: 119377
Ion Ratio Lower Upper
178 100
176 17.6 14.9 22.3
179 15.3 12.2 18.2

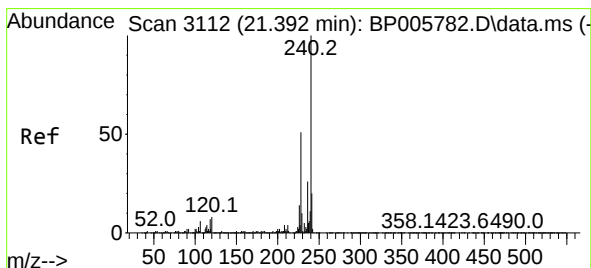
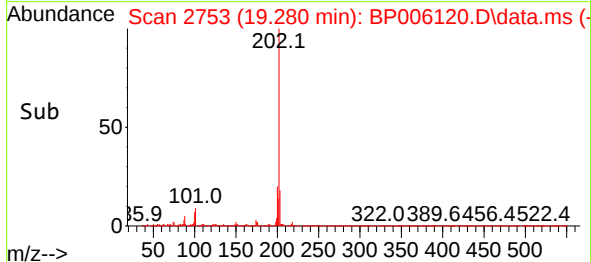
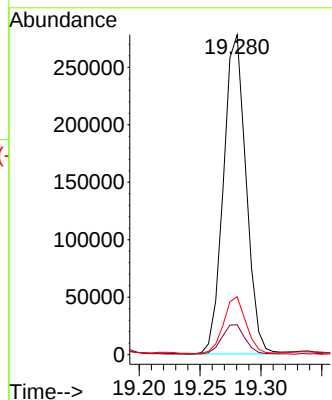
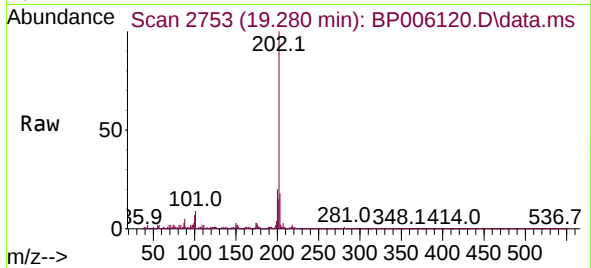




#75
Fluoranthene
Concen: 11.52 ng
RT: 19.280 min Scan# 2753
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

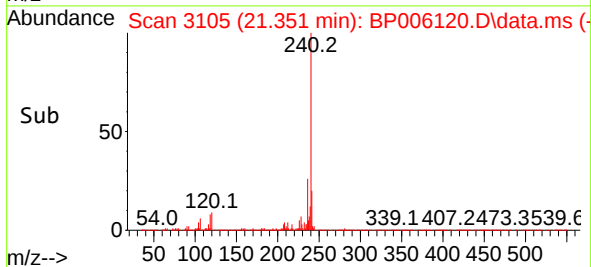
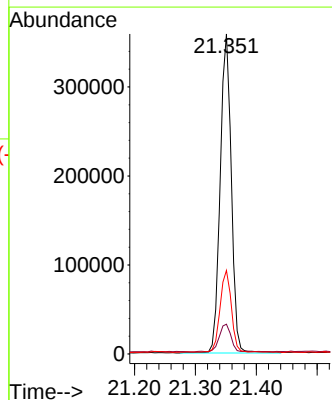
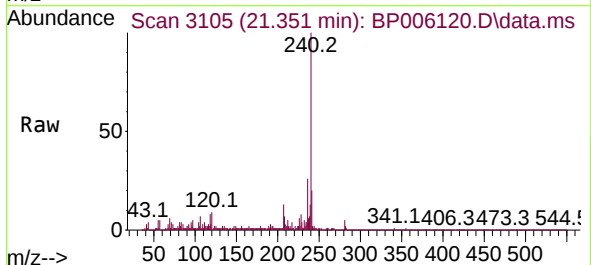
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

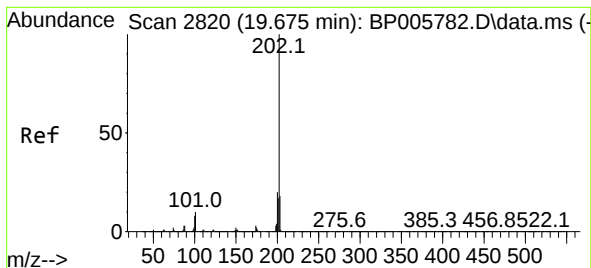
Tgt Ion:202 Resp: 358223
Ion Ratio Lower Upper
202 100
101 9.4 0.0 27.6
203 18.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Tgt Ion:240 Resp: 453111
Ion Ratio Lower Upper
240 100
120 9.3 6.5 9.7
236 26.1 20.6 31.0





#78

Pyrene

Concen: 11.88 ng

RT: 19.628 min Scan# 2812

Delta R.T. -0.006 min

Lab File: BP006120.D

Acq: 30 Jun 2021 22:14

Tgt Ion:202 Resp: 375901

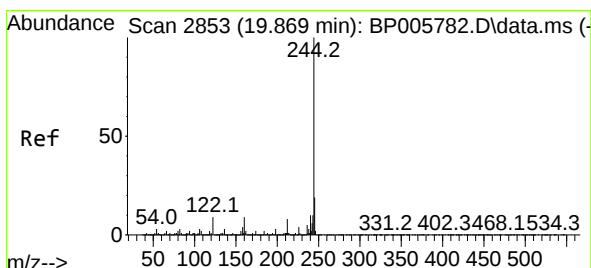
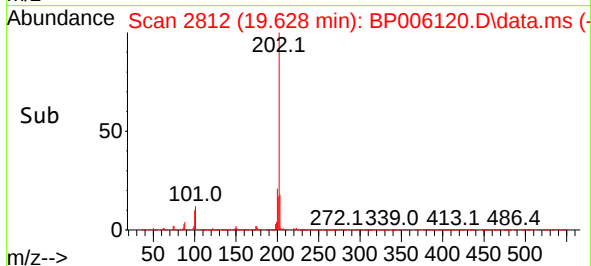
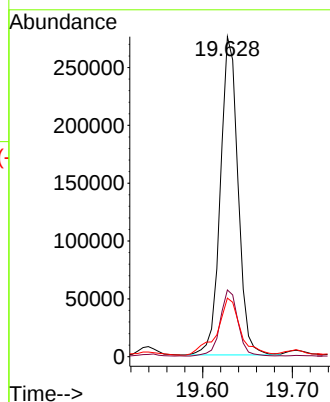
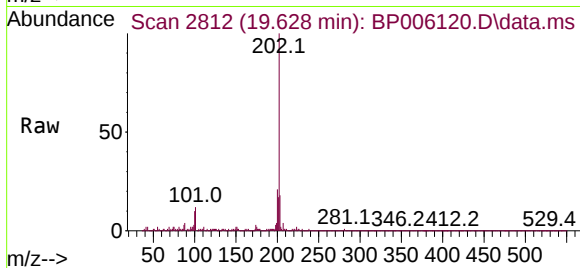
Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	18.3	14.2	21.2

Instrument :

BNA_P

ClientSampleId :

TR-04-062821



#79

Terphenyl-d14

Concen: 23.23 ng

RT: 19.822 min Scan# 2845

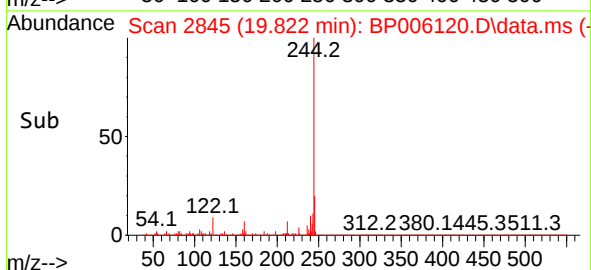
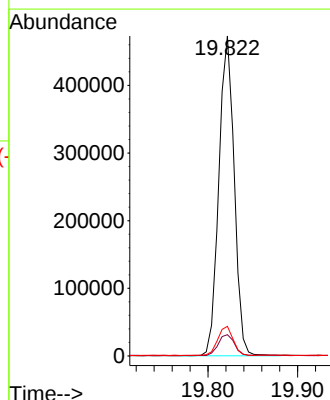
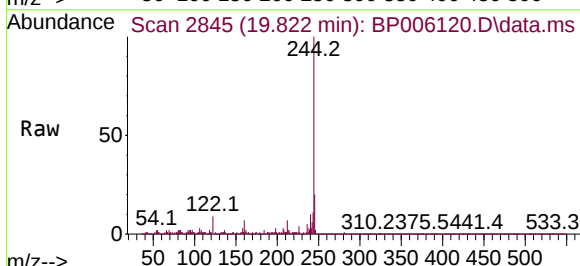
Delta R.T. -0.006 min

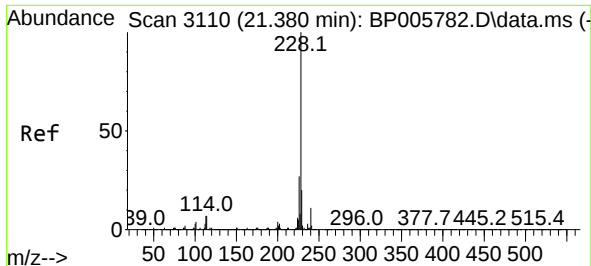
Lab File: BP006120.D

Acq: 30 Jun 2021 22:14

Tgt Ion:244 Resp: 562154

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	9.3	7.1	10.7

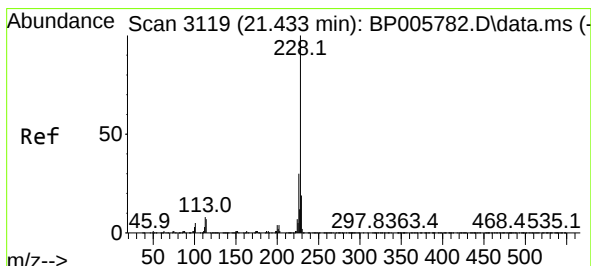
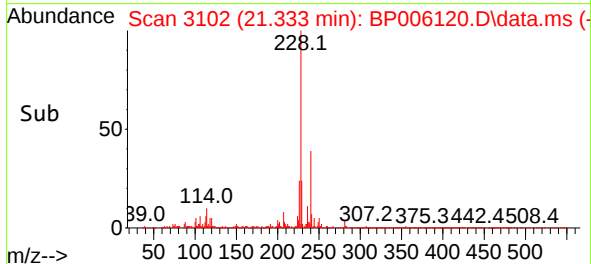
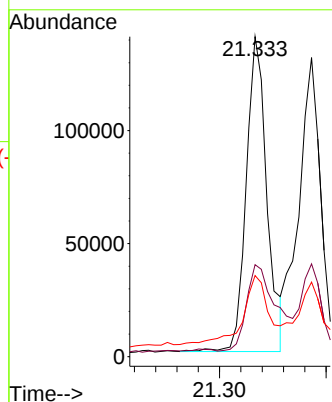
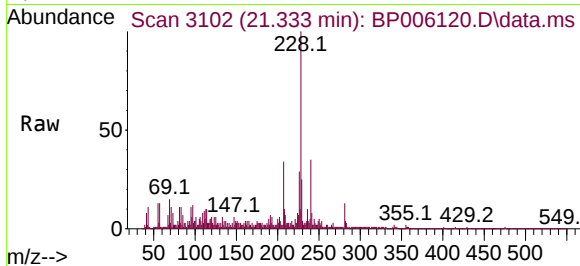




#81
Benzo(a)anthracene
Concen: 5.74 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

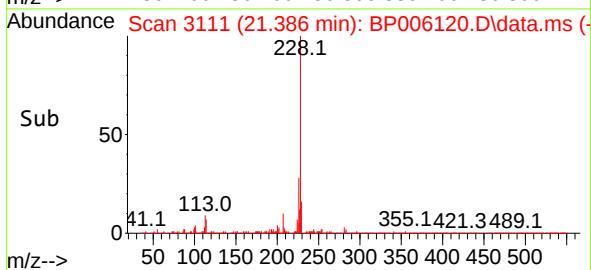
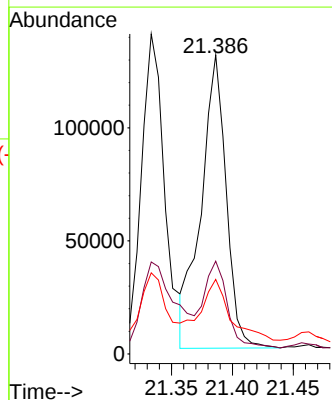
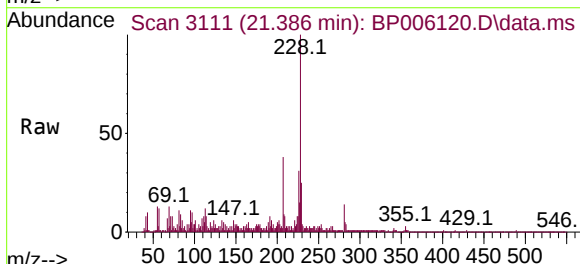
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

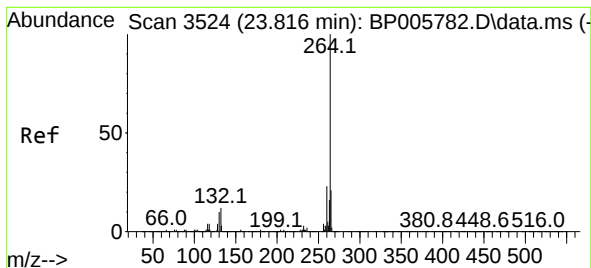
Tgt Ion:228 Resp: 187628
Ion Ratio Lower Upper
228 100
226 28.7 21.6 32.4
229 25.4 15.8 23.6#



#83
Chrysene
Concen: 5.89 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Tgt Ion:228 Resp: 186572
Ion Ratio Lower Upper
228 100
226 31.0 23.8 35.6
229 24.9 15.4 23.2#

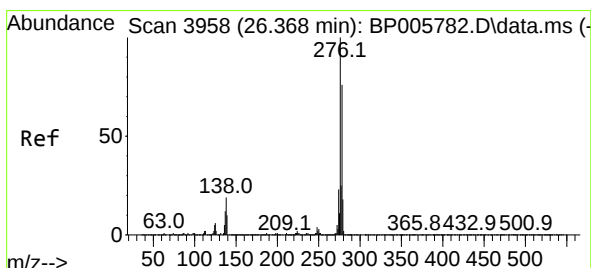
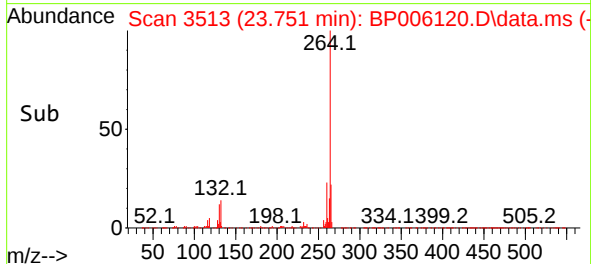
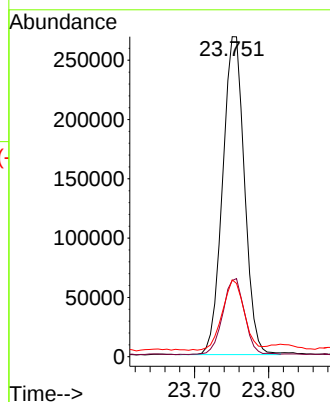
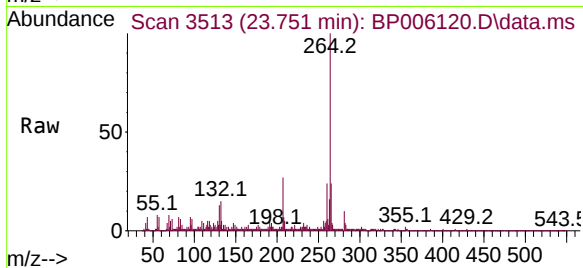




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

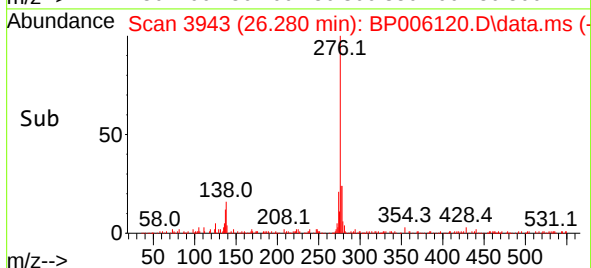
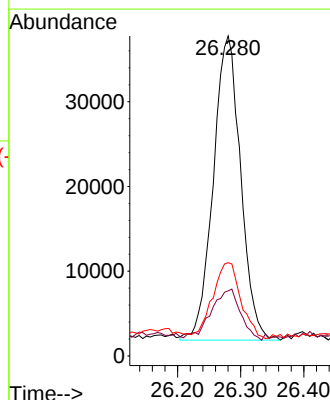
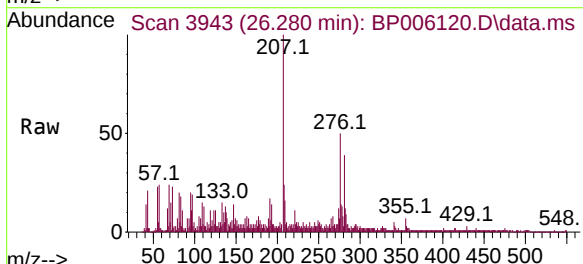
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

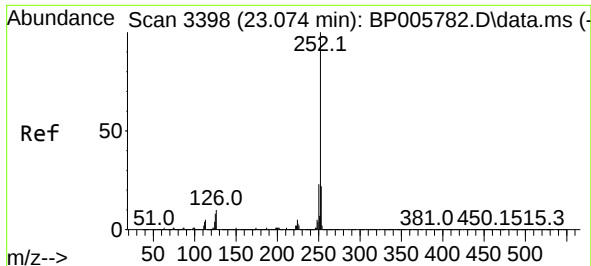
Tgt Ion:	264	Resp:	548027
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.6	28.0
265	24.0	17.6	26.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.31 ng
RT: 26.280 min Scan# 3943
Delta R.T. -0.012 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Tgt Ion:	276	Resp:	108188
Ion Ratio	Lower	Upper	
276	100		
138	18.3	15.3	22.9
277	25.7	20.4	30.6

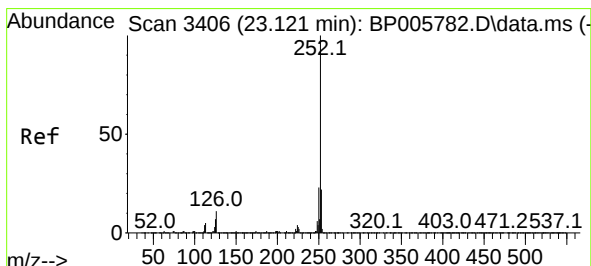
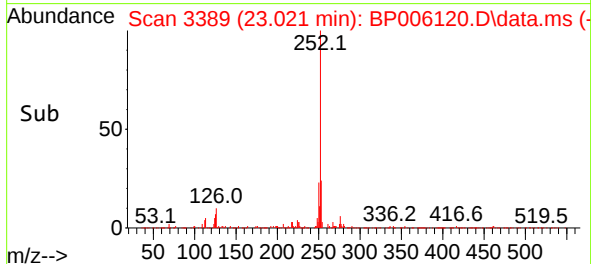
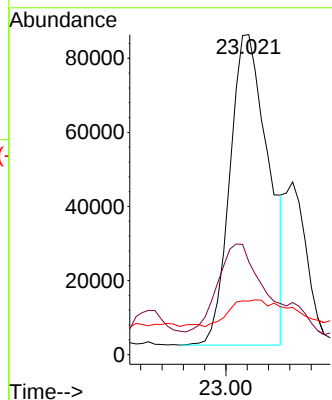
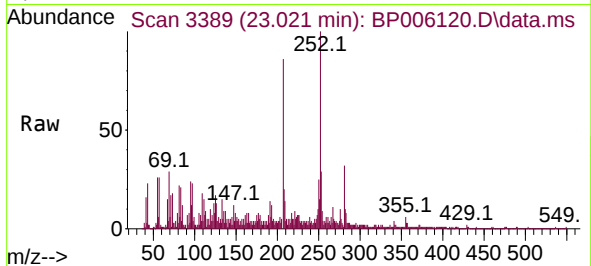




#88
Benzo(b)fluoranthene
Concen: 5.59 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.006 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

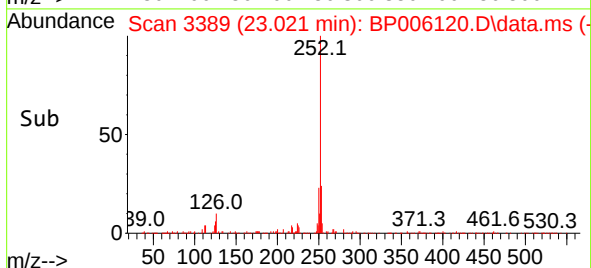
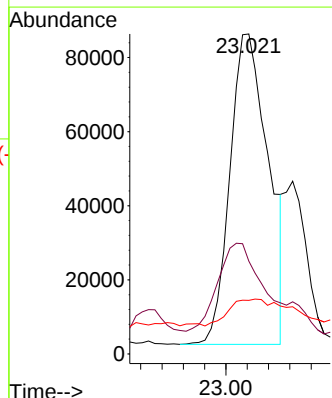
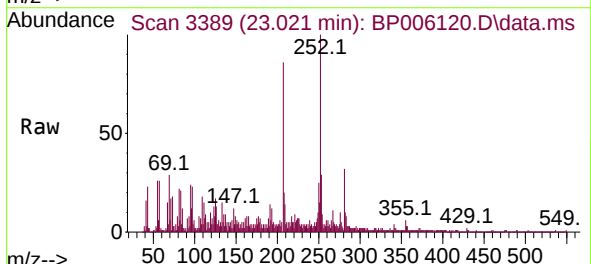
Instrument :
BNA_P
ClientSampleId :
TR-04-062821

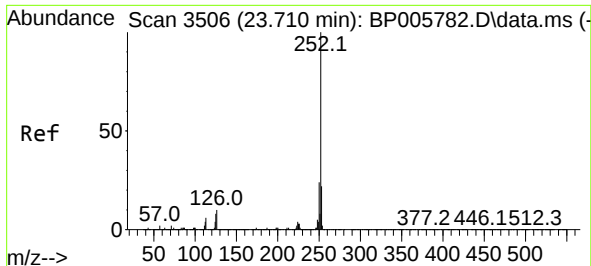
Tgt Ion:252 Resp: 210006
Ion Ratio Lower Upper
252 100
253 29.0 17.5 26.3#
125 16.7 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 5.77 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.053 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Tgt Ion:252 Resp: 210006
Ion Ratio Lower Upper
252 100
253 29.0 17.6 26.4#
125 16.7 6.0 9.0#

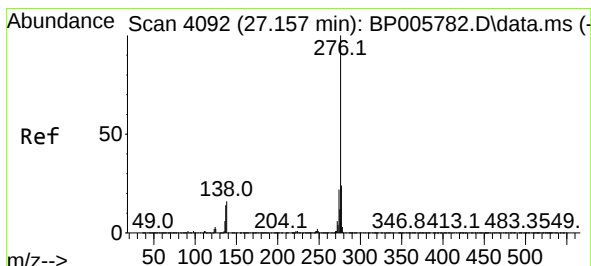
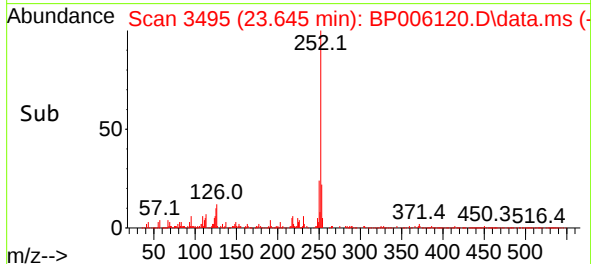
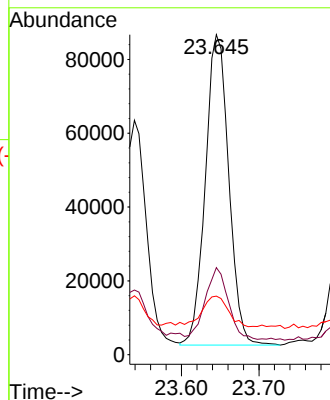
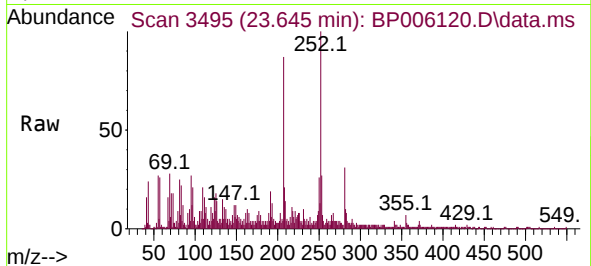




#90
Benzo(a)pyrene
Concen: 5.00 ng
RT: 23.645 min Scan# 3495
Delta R.T. -0.012 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Instrument :
BNA_P
ClientSampleId :
TR-04-062821

Tgt Ion:252 Resp: 176508
Ion Ratio Lower Upper
252 100
253 27.2 17.9 26.9#
125 18.3 6.5 9.7#



#92
Benzo(g,h,i)perylene
Concen: 3.06 ng
RT: 27.057 min Scan# 4075
Delta R.T. -0.012 min
Lab File: BP006120.D
Acq: 30 Jun 2021 22:14

Tgt Ion:276 Resp: 121879
Ion Ratio Lower Upper
276 100
277 27.8 18.9 28.3
138 21.5 12.6 18.8#

