

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
 Data File : BP006122.D
 Acq On : 30 Jun 2021 23:22
 Operator : CG/JU
 Sample : M2896-07 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FS-04

Quant Time: Jul 01 03:09:20 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)

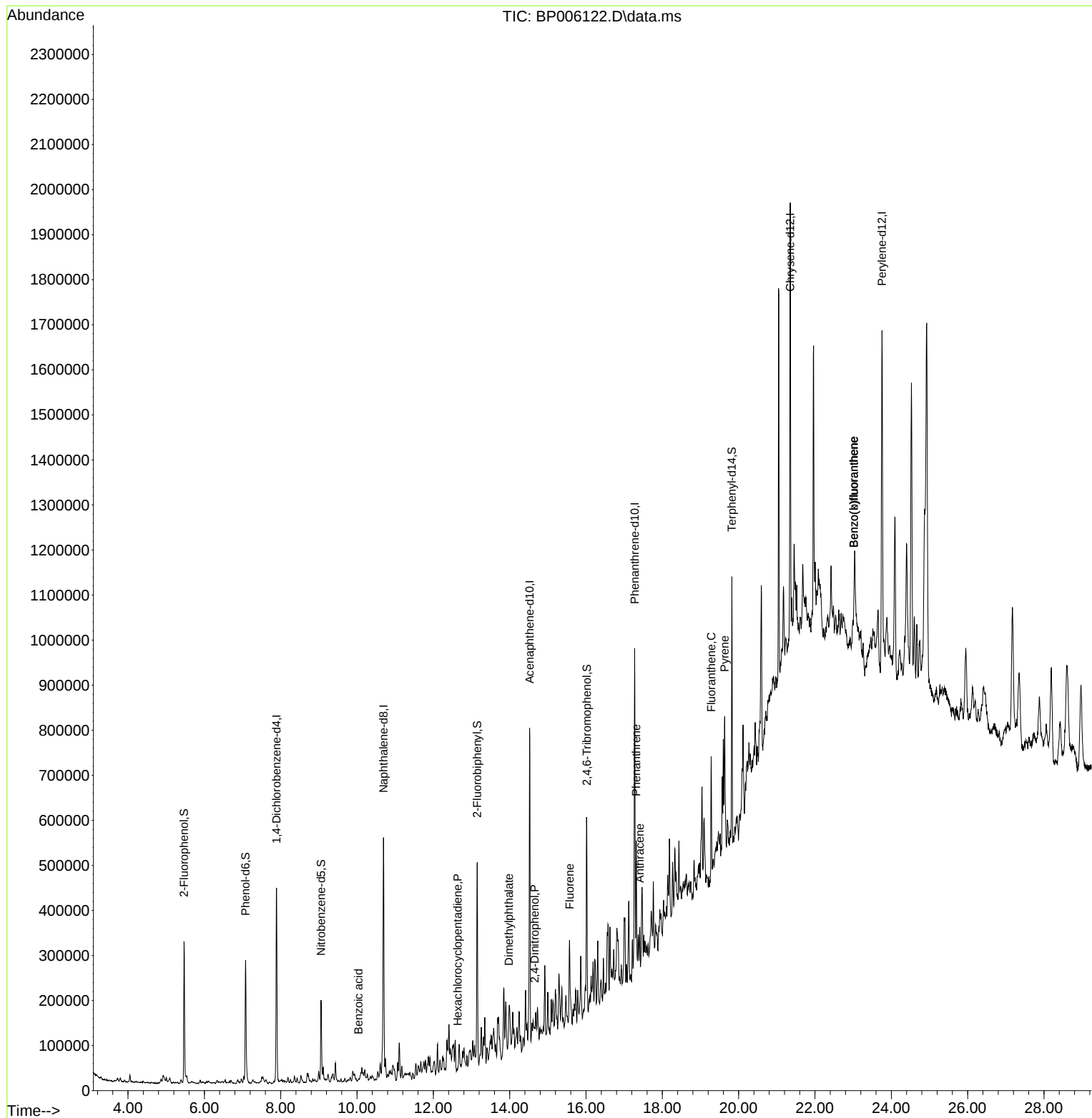
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	122512	20.00	ng	0.00
21) Naphthalene-d8	10.693	136	449866	20.00	ng	0.00
39) Acenaphthene-d10	14.522	164	238222	20.00	ng	0.00
64) Phenanthrene-d10	17.275	188	399378	20.00	ng	0.00
76) Chrysene-d12	21.351	240	437994	20.00	ng	# 0.00
86) Perylene-d12	23.757	264	534666	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	155126	20.32	ng	0.00
7) Phenol-d6	7.081	99	180211	18.21	ng	0.00
23) Nitrobenzene-d5	9.057	82	110199	12.01	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	66952	16.38	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	232481	12.81	ng	0.00
79) Terphenyl-d14	19.821	244	248975	10.64	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.040	122	708	6.44	ng	# 1
41) Hexachlorocyclopentadiene	12.634	237	6	5.51	ng	78
50) Dimethylphthalate	13.981	163	43213	2.21	ng	# 94
54) 2,4-Dinitrophenol	14.651	184	61	4.87	ng	# 1
58) Fluorene	15.575	166	65368	3.49	ng	# 99
71) Phenanthrene	17.316	178	158724	6.62	ng	# 95
72) Anthracene	17.410	178	49127	2.08	ng	# 90
75) Fluoranthene	19.280	202	124899	4.29	ng	93
78) Pyrene	19.633	202	135713	4.44	ng	95
88) Benzo(b)fluoranthene	23.021	252	86739	2.37	ng	# 75
89) Benzo(k)fluoranthene	23.021	252	86739	2.44	ng	# 75

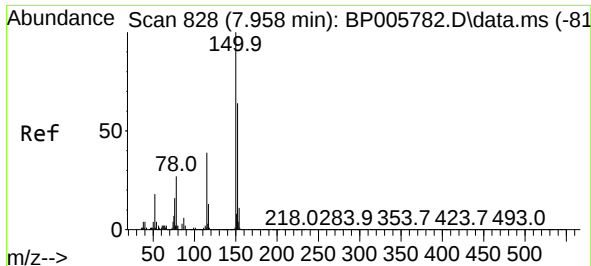
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
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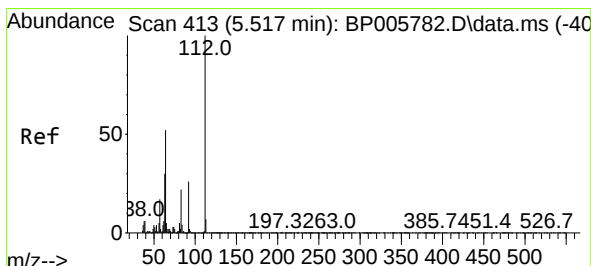
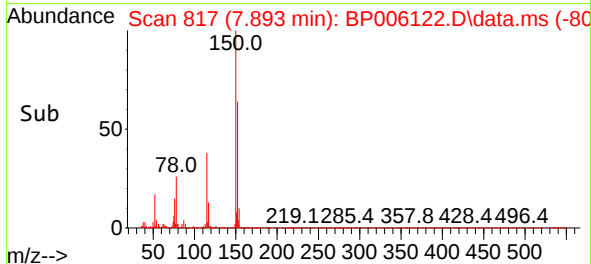
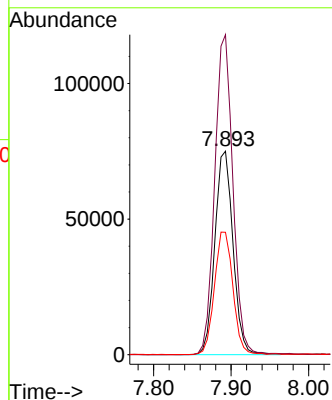
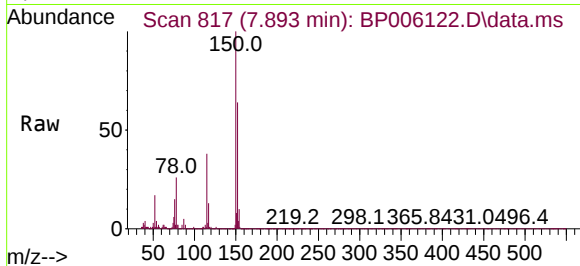




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.893 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP006122.D
Acq: 30 Jun 2021 23:22

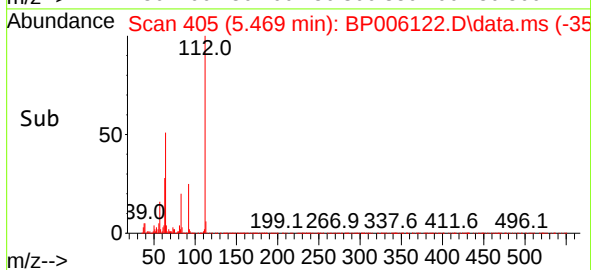
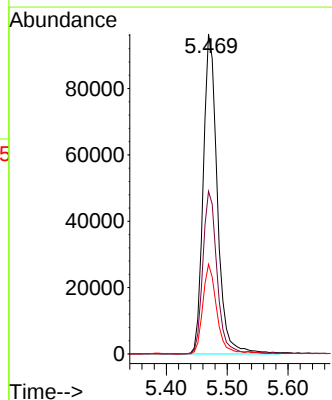
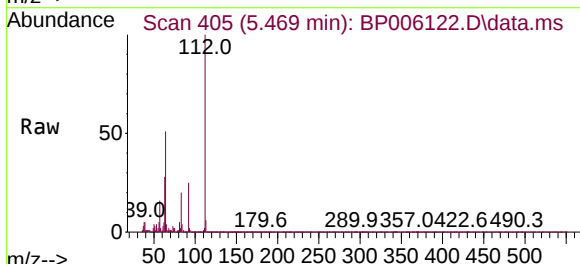
Instrument :
BNA_P
ClientSampleId :
FS-04

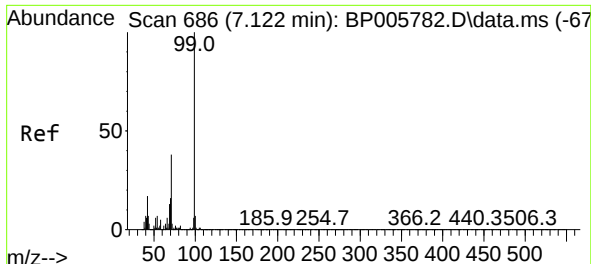
Tgt Ion:152 Resp: 122512
Ion Ratio Lower Upper
152 100
150 157.3 125.6 188.4
115 60.1 48.5 72.7



#5
2-Fluorophenol
Concen: 20.32 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP006122.D
Acq: 30 Jun 2021 23:22

Tgt Ion:112 Resp: 155126
Ion Ratio Lower Upper
112 100
64 50.9 41.4 62.2
63 28.1 23.8 35.8

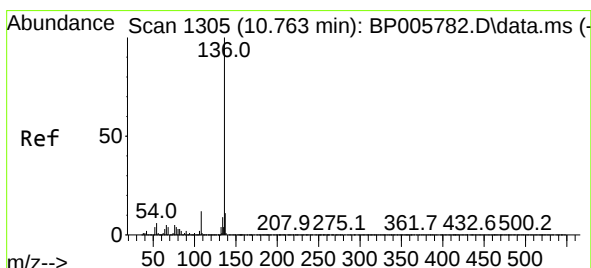
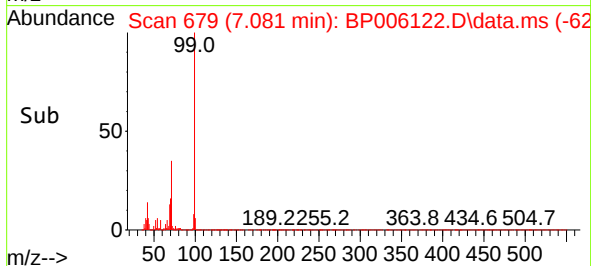
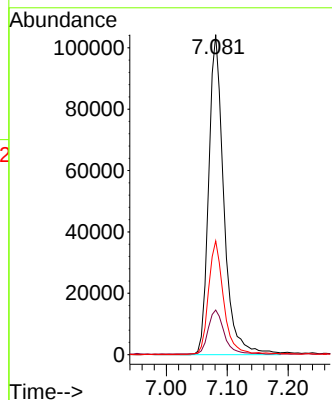
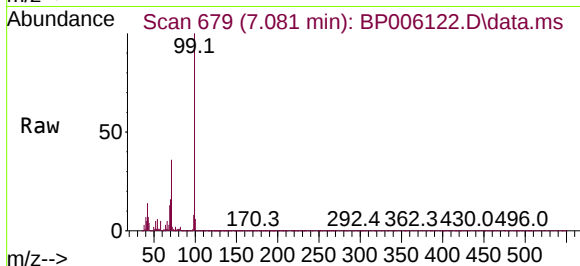




#7
Phenol-d6
Concen: 18.21 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.006 min
Lab File: BP006122.D
Acq: 30 Jun 2021 23:22

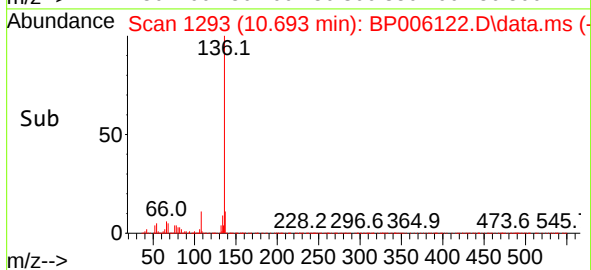
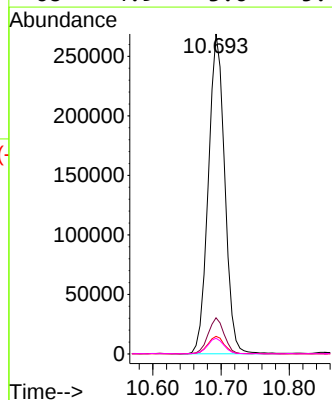
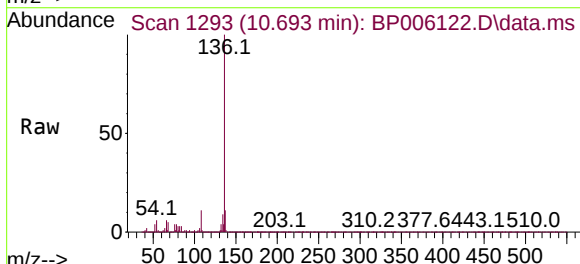
Instrument :
BNA_P
ClientSampleId :
FS-04

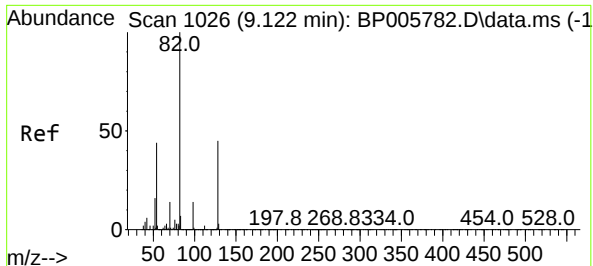
Tgt Ion:	99	Resp:	180211
Ion	Ratio	Lower	Upper
99	100		
42	13.9	13.4	20.0
71	35.5	30.6	46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.693 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BP006122.D
Acq: 30 Jun 2021 23:22

Tgt Ion:	136	Resp:	449866
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	5.5	4.6	6.8
68	4.9	3.6	5.4

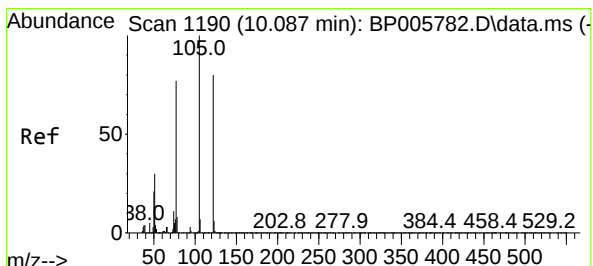
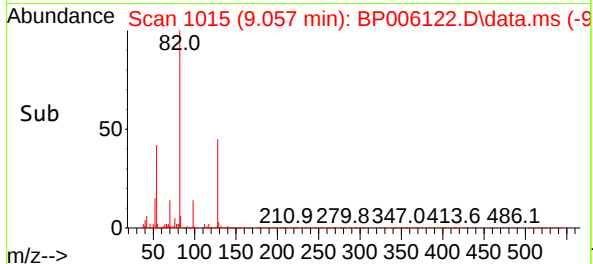
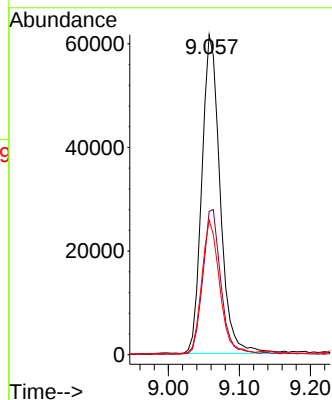
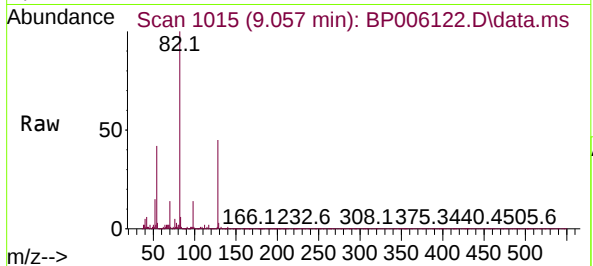




#23
Nitrobenzene-d5
Concen: 12.01 ng
RT: 9.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BP006122.D
Acq: 30 Jun 2021 23:22

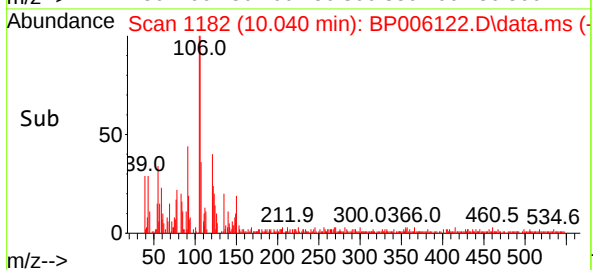
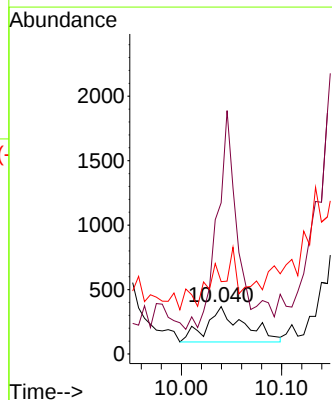
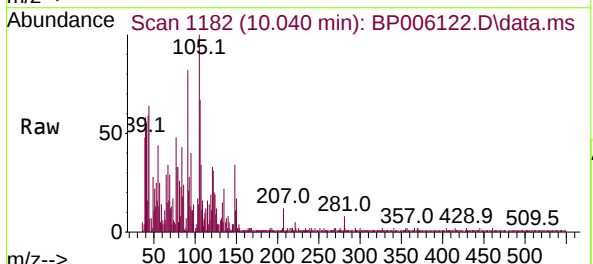
Instrument :
BNA_P
ClientSampleId :
FS-04

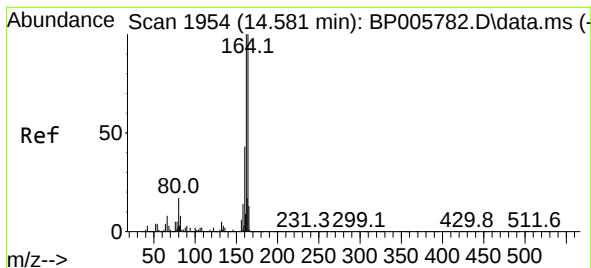
Tgt Ion: 82 Resp: 110199
Ion Ratio Lower Upper
82 100
128 44.8 35.7 53.5
54 42.0 35.0 52.4



#32
Benzoic acid
Concen: 6.44 ng
RT: 10.040 min Scan# 1182
Delta R.T. -0.035 min
Lab File: BP006122.D
Acq: 30 Jun 2021 23:22

Tgt Ion:122 Resp: 708
Ion Ratio Lower Upper
122 100
105 319.0 103.2 143.2#
77 152.7 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: BP006122.D

Acq: 30 Jun 2021 23:22

Instrument :

BNA_P

ClientSampleId :

FS-04

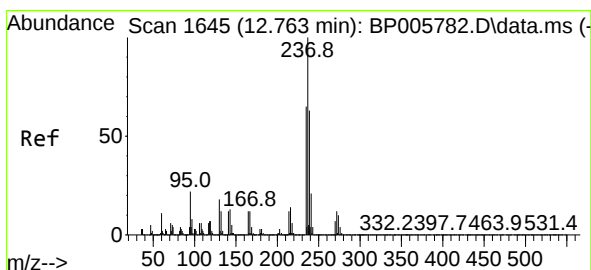
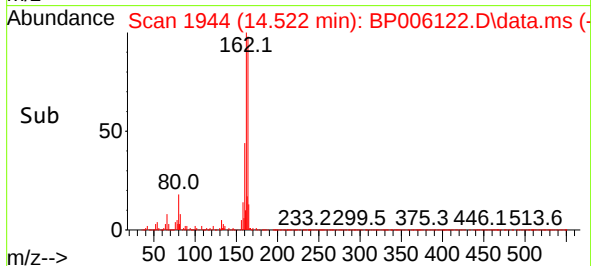
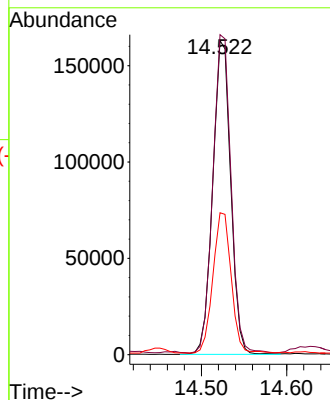
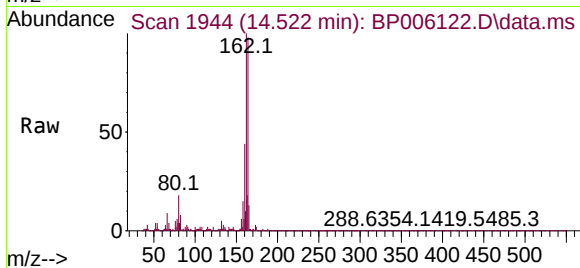
Tgt Ion:164 Resp: 238222

Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

160 45.2 34.5 51.7



#41

Hexachlorocyclopentadiene

Concen: 5.51 ng

RT: 12.634 min Scan# 1623

Delta R.T. -0.065 min

Lab File: BP006122.D

Acq: 30 Jun 2021 23:22

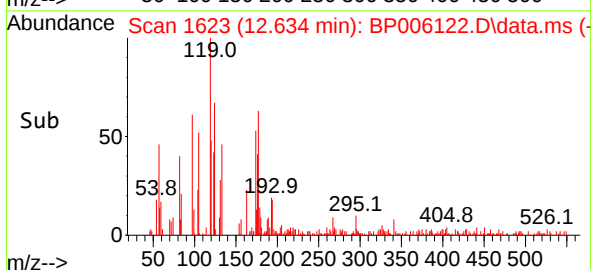
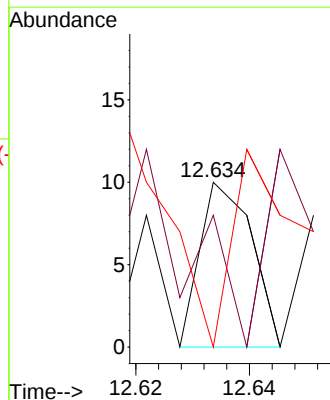
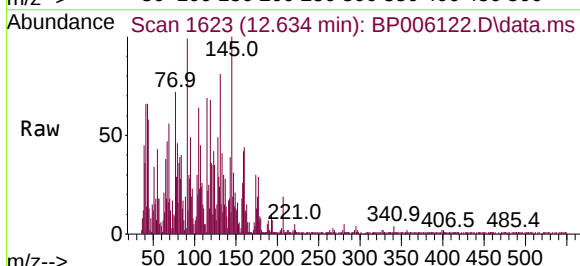
Tgt Ion:237 Resp: 6

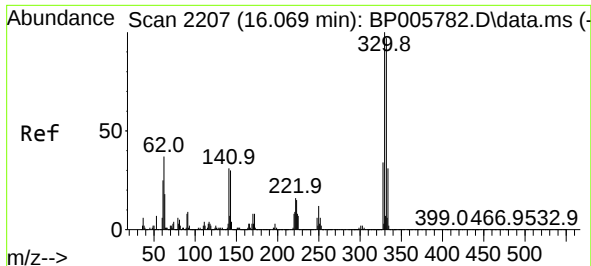
Ion Ratio Lower Upper

237 100

235 80.0 44.5 84.5

272 0.0 0.0 32.5

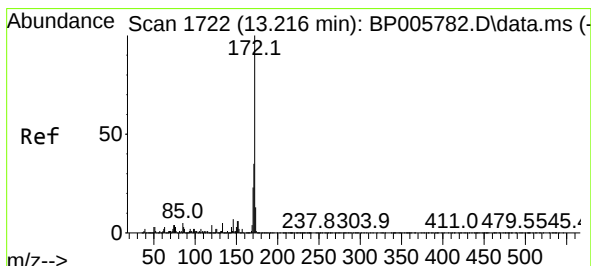
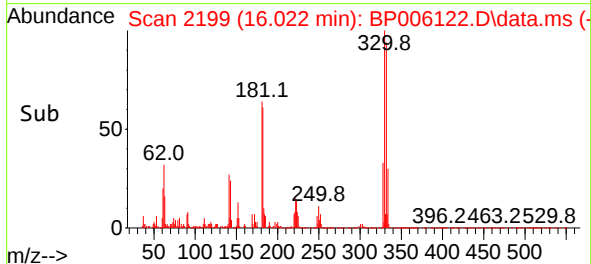
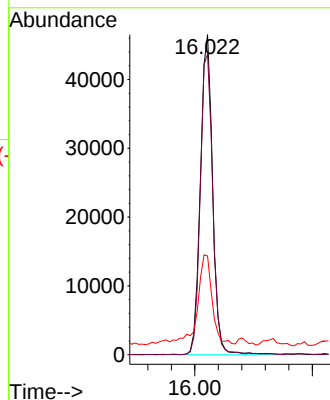
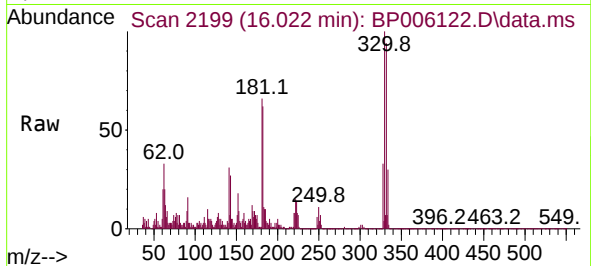




#42
2,4,6-Tribromophenol
Concen: 16.38 ng
RT: 16.022 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BP006122.D
Acq: 30 Jun 2021 23:22

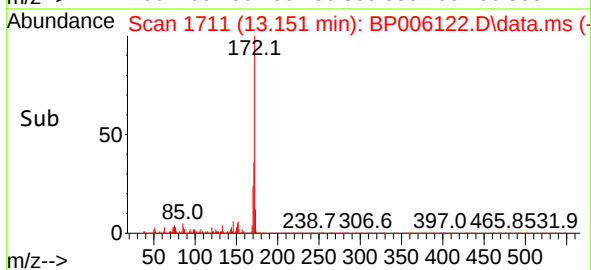
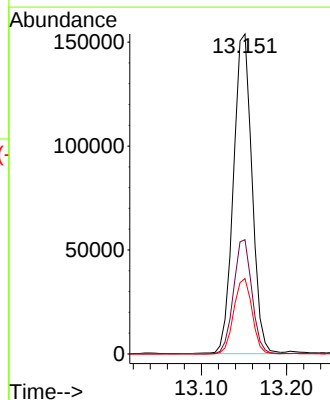
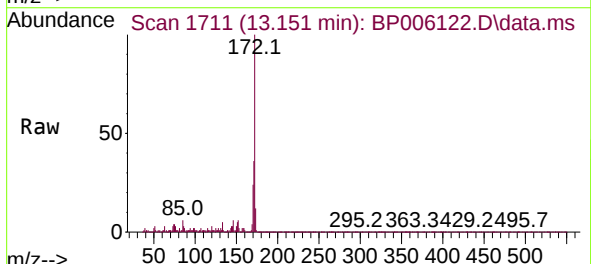
Instrument :
BNA_P
ClientSampleId :
FS-04

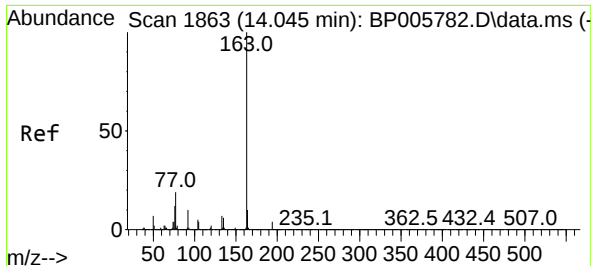
Tgt Ion:330 Resp: 66952
Ion Ratio Lower Upper
330 100
332 95.5 77.8 116.8
141 34.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 12.81 ng
RT: 13.151 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP006122.D
Acq: 30 Jun 2021 23:22

Tgt Ion:172 Resp: 232481
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.6 18.6 27.8

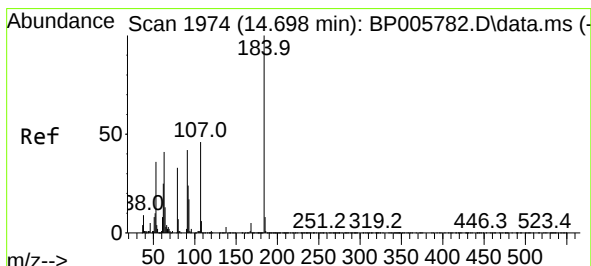
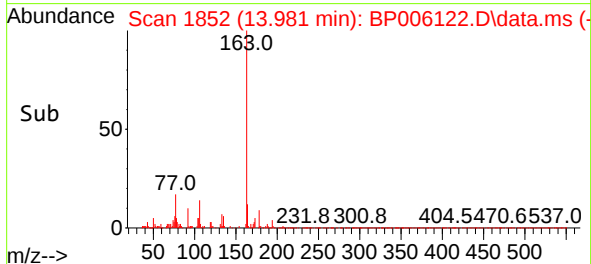
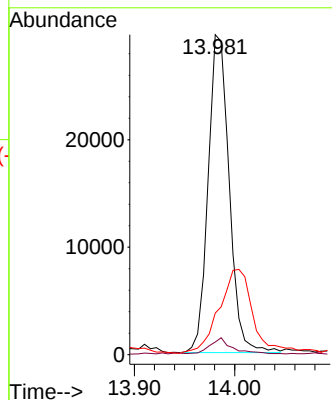
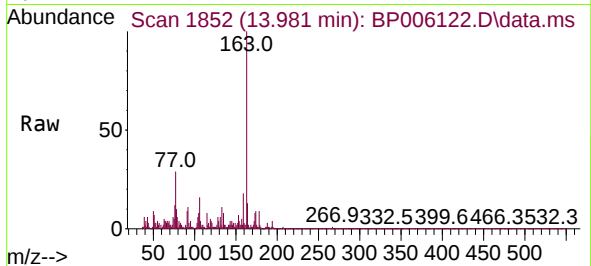




#50
Dimethylphthalate
Concen: 2.21 ng
RT: 13.981 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BP006122.D
Acq: 30 Jun 2021 23:22

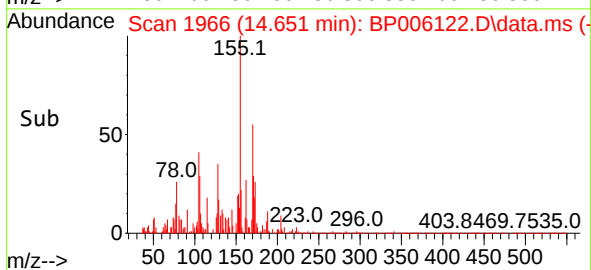
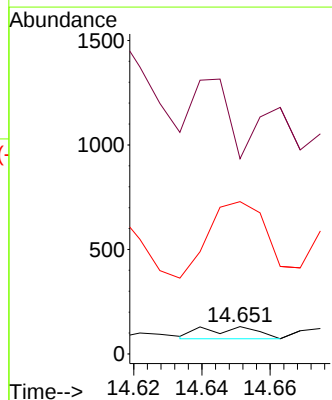
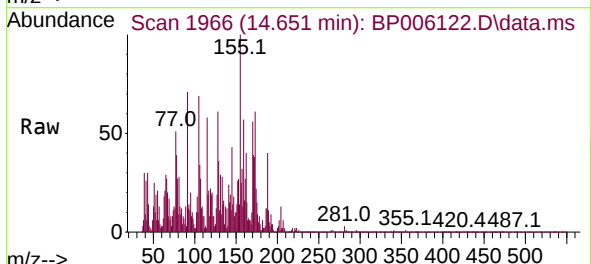
Instrument :
BNA_P
ClientSampled :
FS-04

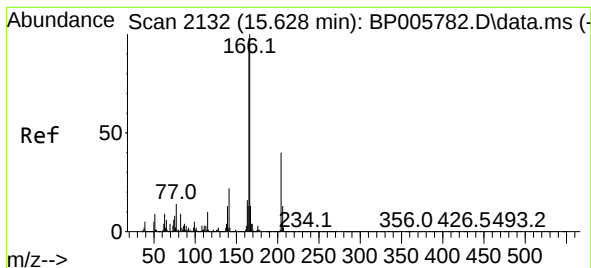
Tgt Ion:163 Resp: 43213
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 13.0 8.2 12.2#



#54
2,4-Dinitrophenol
Concen: 4.87 ng
RT: 14.651 min Scan# 1966
Delta R.T. -0.018 min
Lab File: BP006122.D
Acq: 30 Jun 2021 23:22

Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 713.0 47.0 70.6#
154 556.5 52.3 78.5#





#58

Fluorene

Concen: 3.49 ng

RT: 15.575 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BP006122.D

Acq: 30 Jun 2021 23:22

Instrument :

BNA_P

ClientSampleId :

FS-04

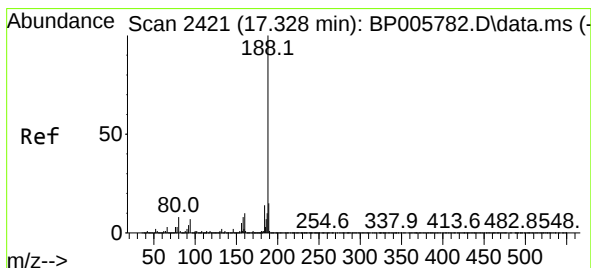
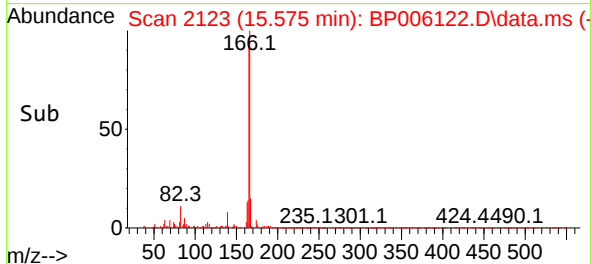
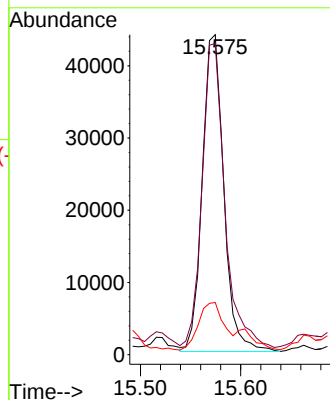
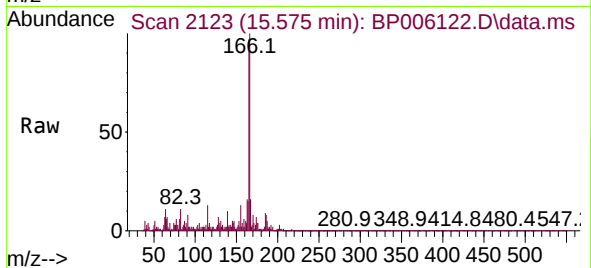
Tgt Ion:166 Resp: 65368

Ion Ratio Lower Upper

166 100

165 97.3 78.0 117.0

167 16.3 10.5 15.7#



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.275 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BP006122.D

Acq: 30 Jun 2021 23:22

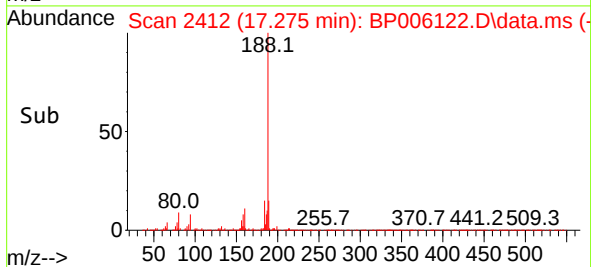
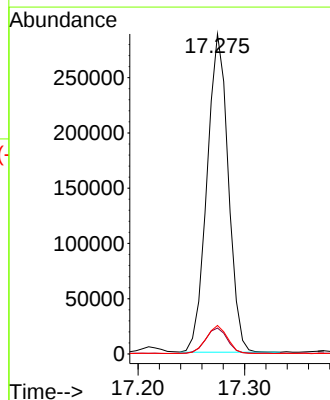
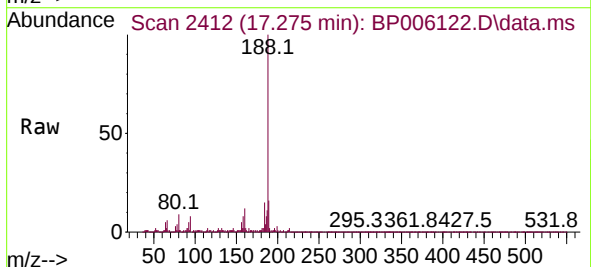
Tgt Ion:188 Resp: 399378

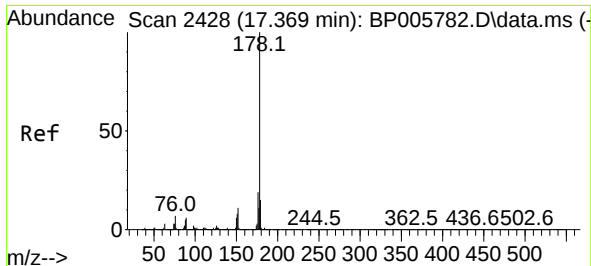
Ion Ratio Lower Upper

188 100

94 8.1 5.6 8.4

80 8.9 6.3 9.5

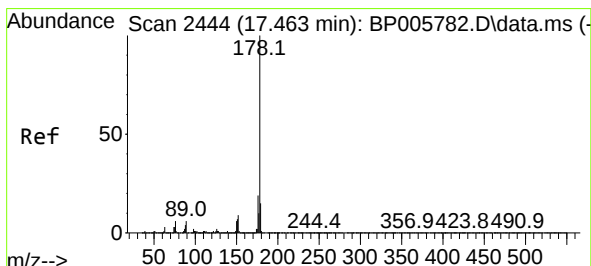
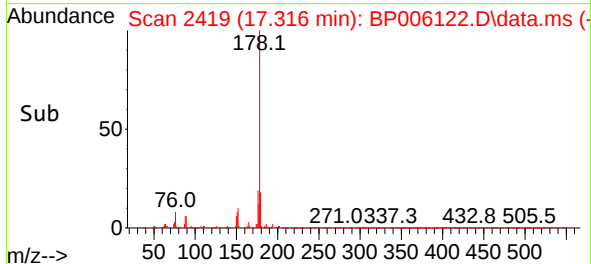
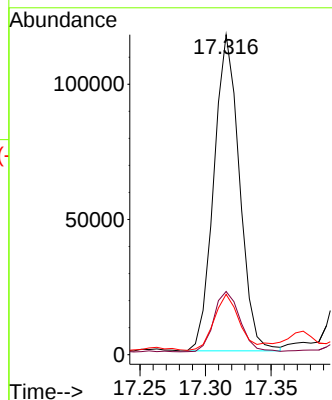
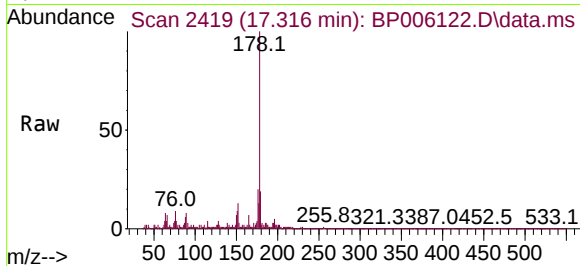




#71
Phenanthrene
Concen: 6.62 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP006122.D
Acq: 30 Jun 2021 23:22

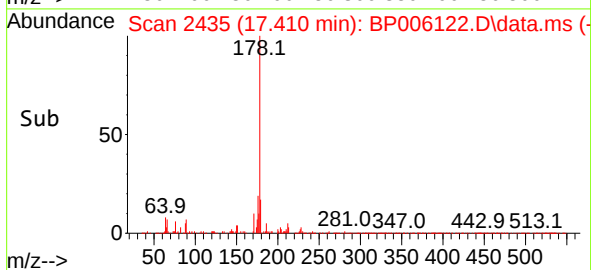
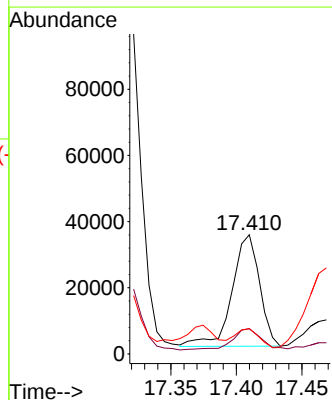
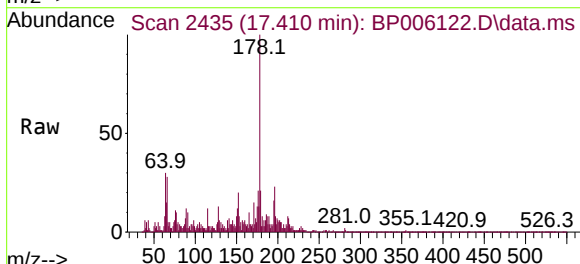
Instrument :
BNA_P
ClientSampled :
FS-04

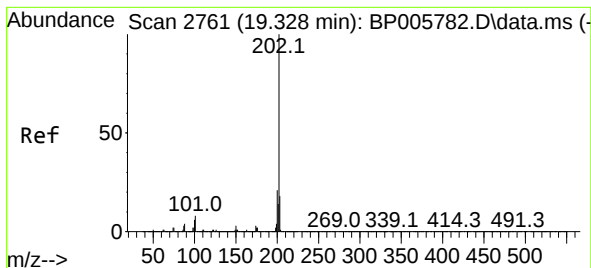
Tgt Ion:178 Resp: 158724
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 18.8 12.4 18.6#



#72
Anthracene
Concen: 2.08 ng
RT: 17.410 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP006122.D
Acq: 30 Jun 2021 23:22

Tgt Ion:178 Resp: 49127
Ion Ratio Lower Upper
178 100
176 21.2 14.9 22.3
179 21.2 12.2 18.2#

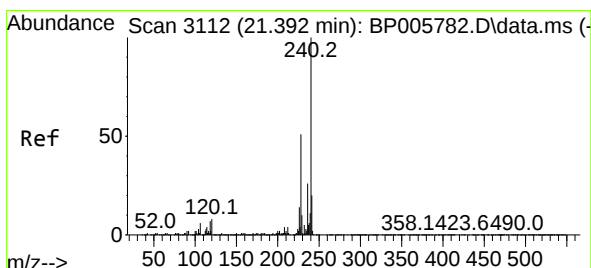
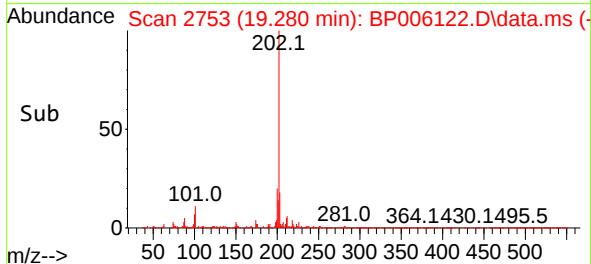
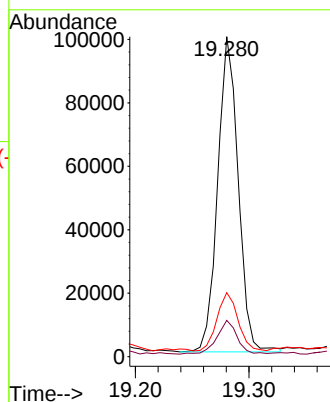
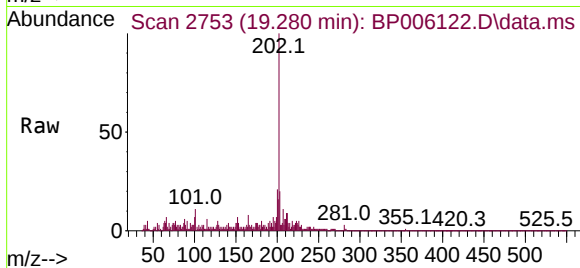




#75
Fluoranthene
Concen: 4.29 ng
RT: 19.280 min Scan# 2753
Delta R.T. -0.006 min
Lab File: BP006122.D
Acq: 30 Jun 2021 23:22

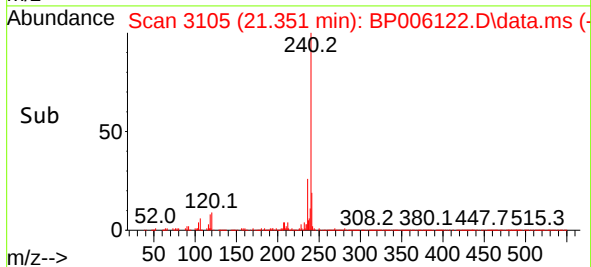
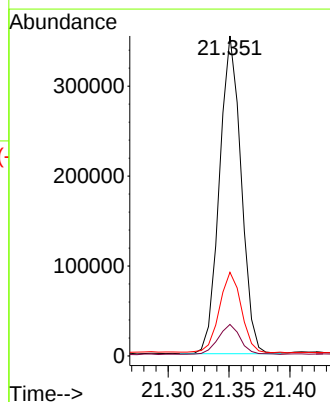
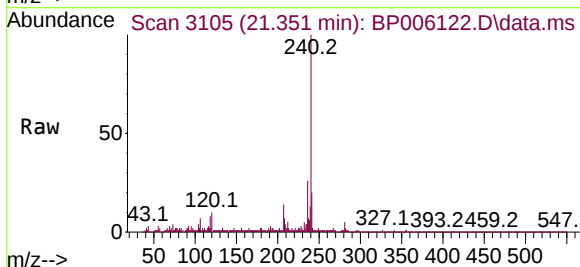
Instrument :
BNA_P
ClientSampleId :
FS-04

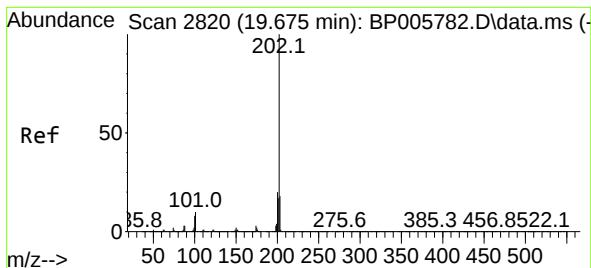
Tgt Ion:202 Resp: 124899
Ion Ratio Lower Upper
202 100
101 11.3 0.0 27.6
203 20.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP006122.D
Acq: 30 Jun 2021 23:22

Tgt Ion:240 Resp: 437994
Ion Ratio Lower Upper
240 100
120 9.8 6.5 9.7#
236 26.1 20.6 31.0





#78

Pyrene

Concen: 4.44 ng

RT: 19.633 min Scan# 2813

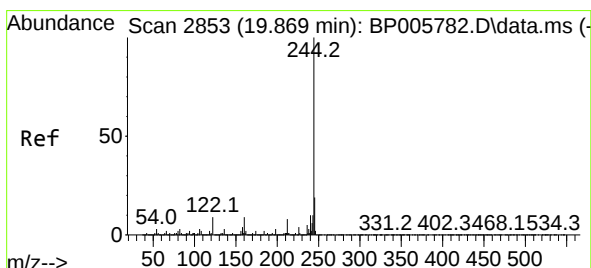
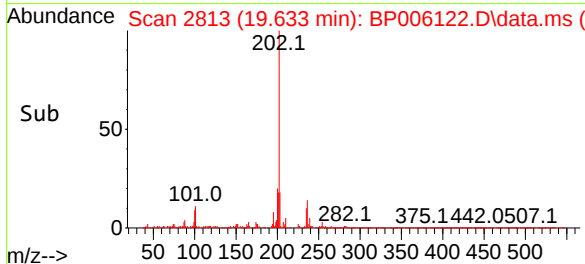
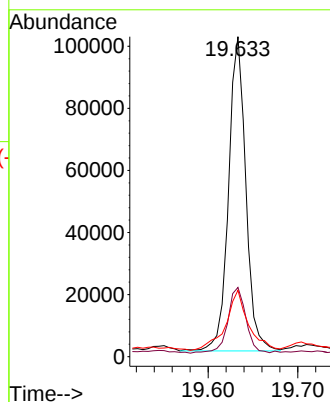
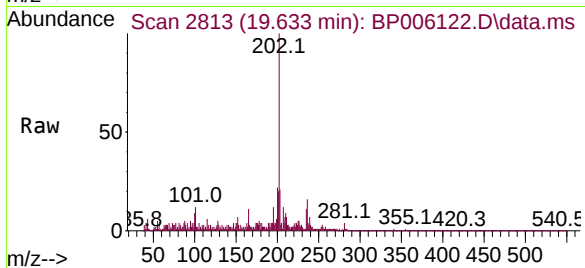
Delta R.T. 0.000 min

Lab File: BP006122.D

Acq: 30 Jun 2021 23:22

Tgt Ion:202 Resp: 135713

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.3	24.5
203	20.8	14.2	21.2



#79

Terphenyl-d14

Concen: 10.64 ng

RT: 19.821 min Scan# 2845

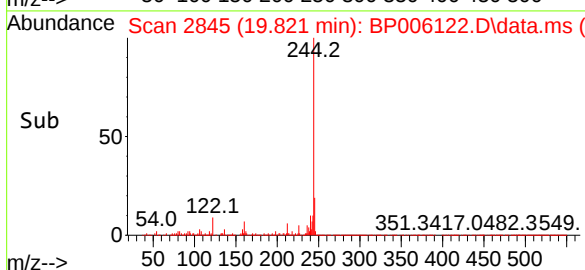
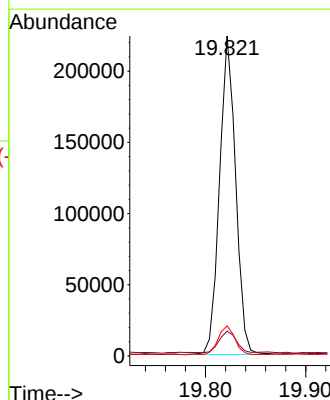
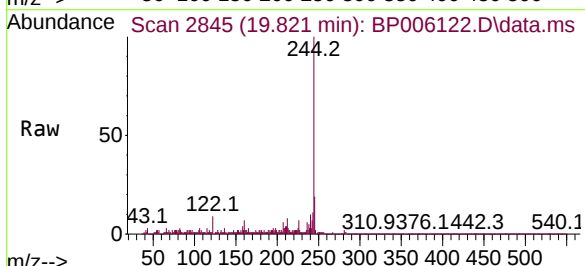
Delta R.T. -0.006 min

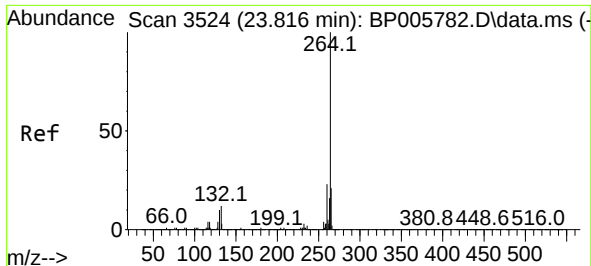
Lab File: BP006122.D

Acq: 30 Jun 2021 23:22

Tgt Ion:244 Resp: 248975

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	9.4	7.1	10.7

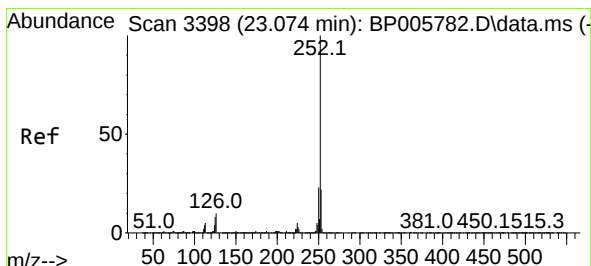
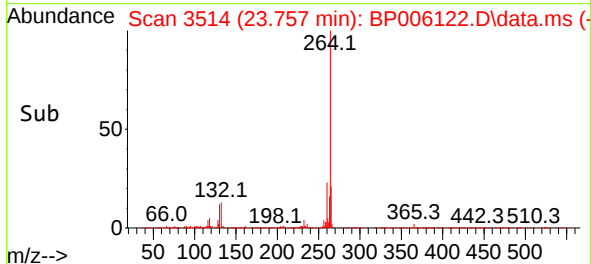
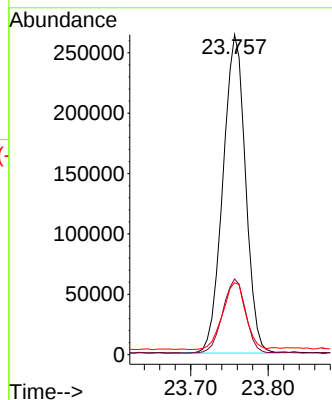
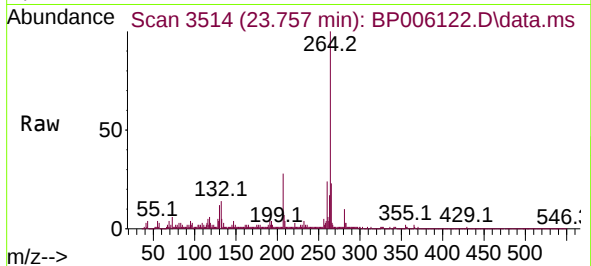




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP006122.D
Acq: 30 Jun 2021 23:22

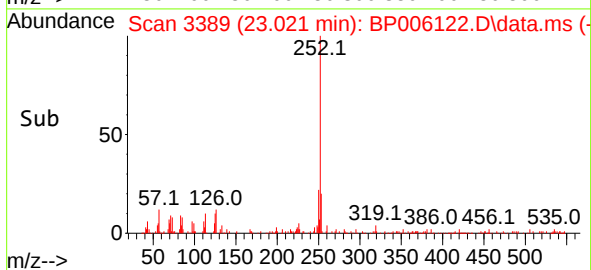
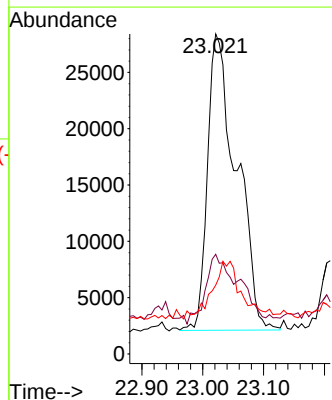
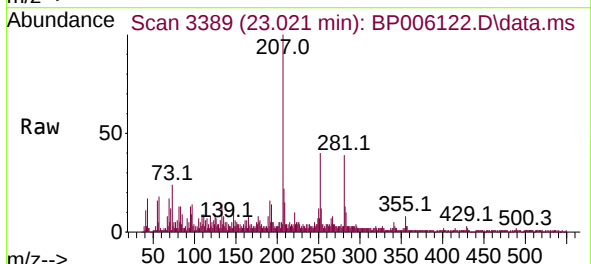
Instrument :
BNA_P
ClientSampleId :
FS-04

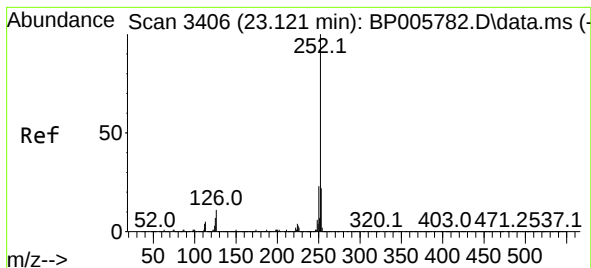
Tgt Ion:264 Resp: 534666
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.5 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 2.37 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.006 min
Lab File: BP006122.D
Acq: 30 Jun 2021 23:22

Tgt Ion:252 Resp: 86739
Ion Ratio Lower Upper
252 100
253 31.2 17.5 26.3#
125 21.5 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 2.44 ng

RT: 23.021 min Scan# 3389

Delta R.T. -0.053 min

Lab File: BP006122.D

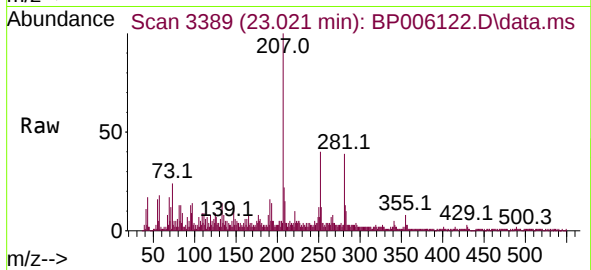
Acq: 30 Jun 2021 23:22

Instrument :

BNA_P

ClientSampleId :

FS-04



Tgt Ion:252 Resp: 86739

Ion Ratio Lower Upper

252 100

253 31.2 17.6 26.4#

125 21.5 6.0 9.0#

