

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
 Data File : BP006046.D
 Acq On : 23 Jun 2021 21:34
 Operator : CG/JU
 Sample : M2816-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-02-062221

Quant Time: Jun 24 01:18:42 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)

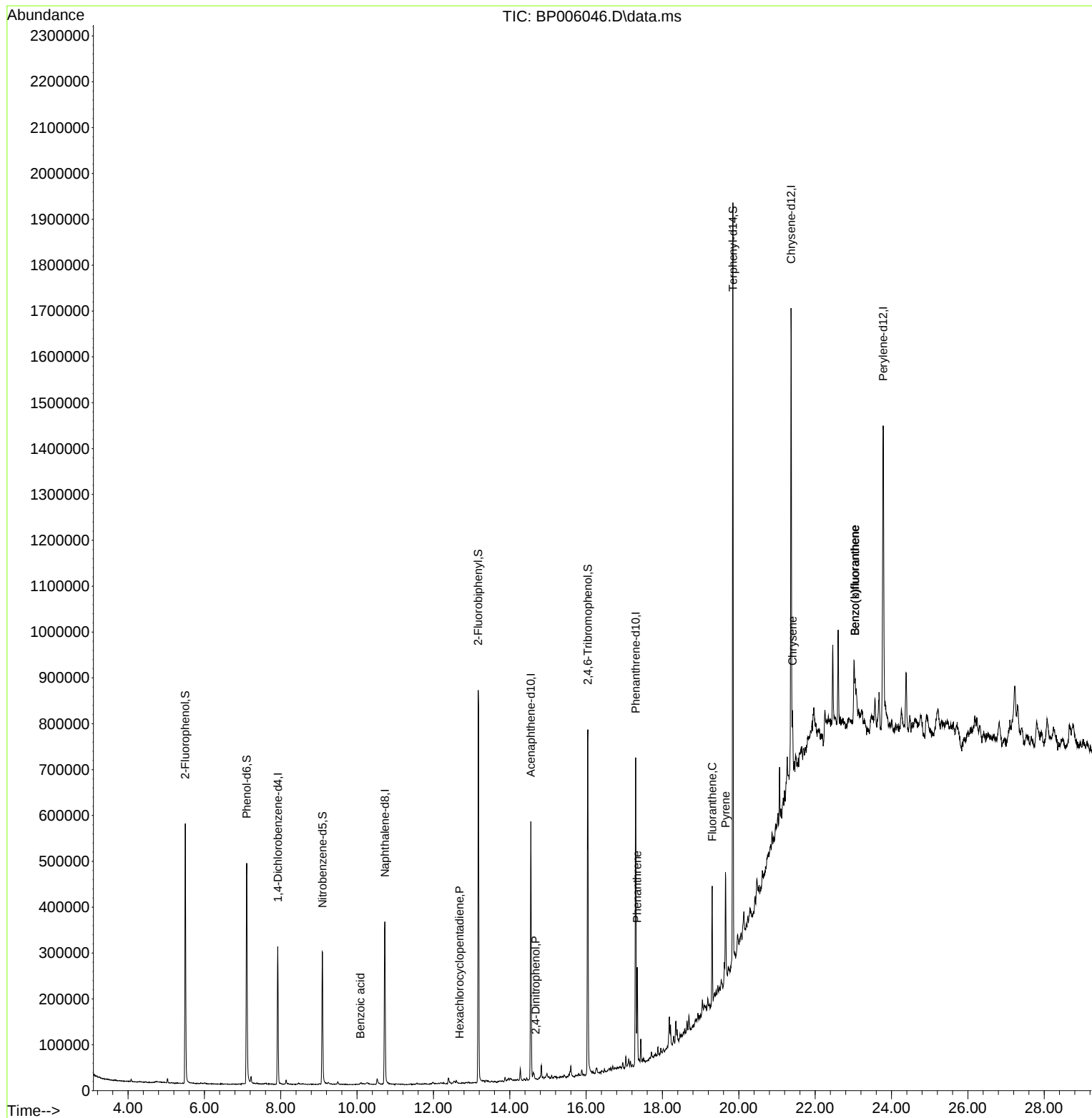
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	84017	20.00	ng	0.00
21) Naphthalene-d8	10.728	136	315705	20.00	ng	0.00
39) Acenaphthene-d10	14.551	164	194736	20.00	ng	0.00
64) Phenanthrene-d10	17.298	188	413045	20.00	ng	0.00
76) Chrysene-d12	21.369	240	463161	20.00	ng	0.00
86) Perylene-d12	23.780	264	526296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	270797	51.72	ng	0.01
7) Phenol-d6	7.111	99	315307	46.46	ng	0.02
23) Nitrobenzene-d5	9.093	82	193023	29.98	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	174353	52.17	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	462027	31.16	ng	0.00
79) Terphenyl-d14	19.845	244	787372	31.83	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.087	122	431	6.42	ng	# 74
41) Hexachlorocyclopentadiene	12.687	237	18	5.51	ng	77
54) 2,4-Dinitrophenol	14.681	184	42	4.87	ng	# 1
71) Phenanthrene	17.339	178	117257	4.73	ng	99
75) Fluoranthene	19.304	202	156790	5.20	ng	98
78) Pyrene	19.651	202	141160	4.37	ng	99
83) Chrysene	21.404	228	69683	2.15	ng	# 93
88) Benzo(b)fluoranthene	23.045	252	75589	2.10	ng	# 83
89) Benzo(k)fluoranthene	23.045	252	75589	2.16	ng	# 83

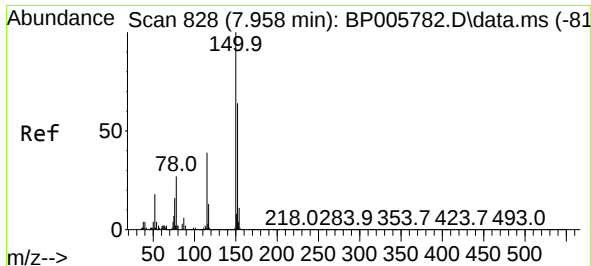
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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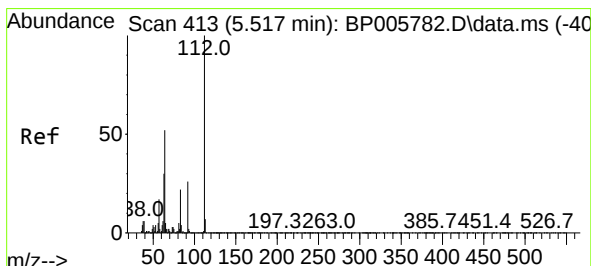
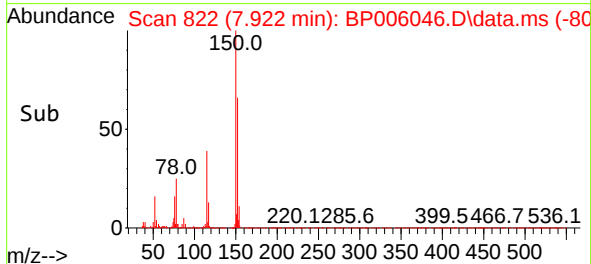
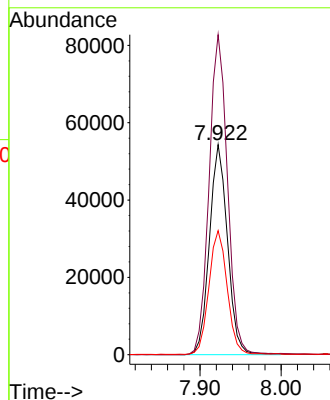
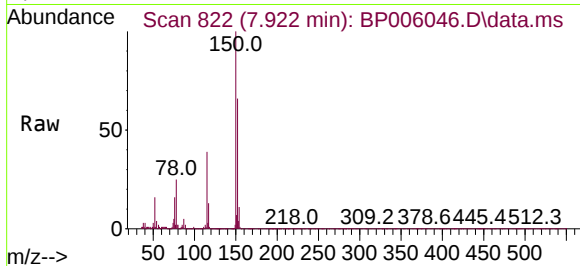




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.922 min Scan# 822
Delta R.T. 0.000 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

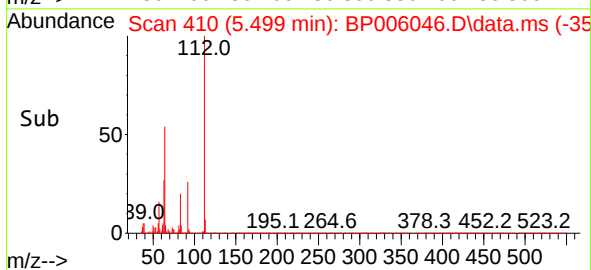
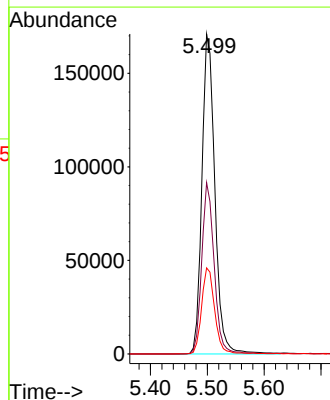
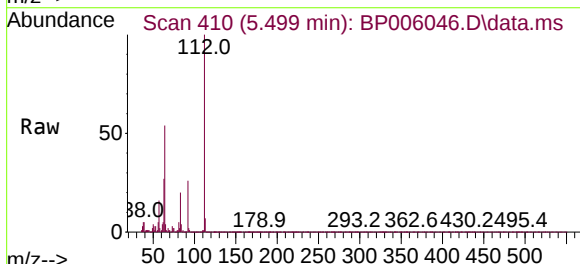
Instrument :
BNA_P
ClientSampleId :
OK-02-062221

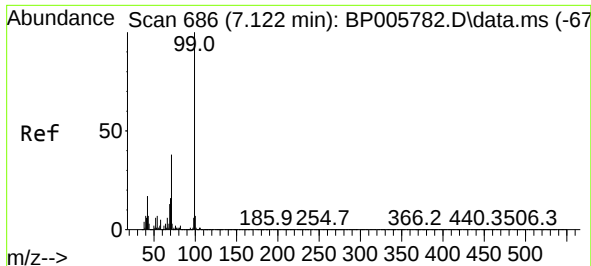
Tgt Ion:152 Resp: 84017
Ion Ratio Lower Upper
152 100
150 152.3 125.6 188.4
115 59.0 48.5 72.7



#5
2-Fluorophenol
Concen: 51.72 ng
RT: 5.499 min Scan# 410
Delta R.T. 0.012 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

Tgt Ion:112 Resp: 270797
Ion Ratio Lower Upper
112 100
64 53.5 41.4 62.2
63 26.9 23.8 35.8

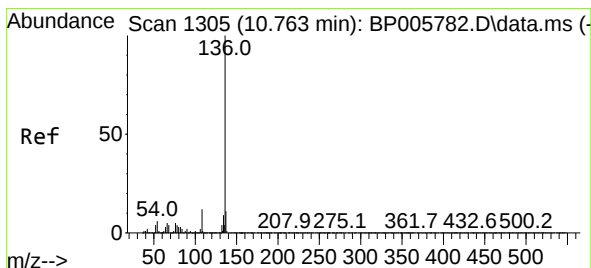
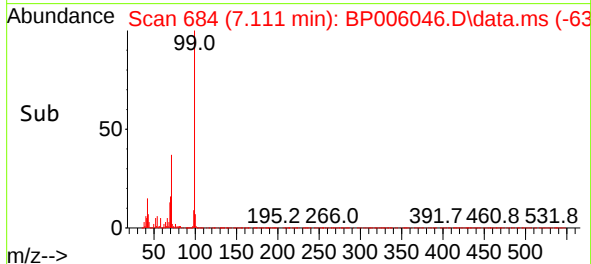
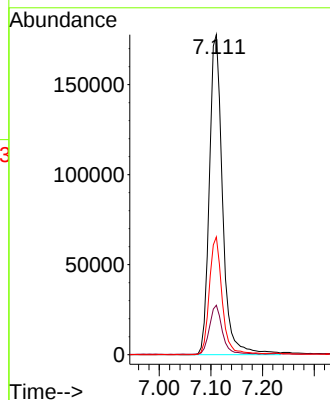
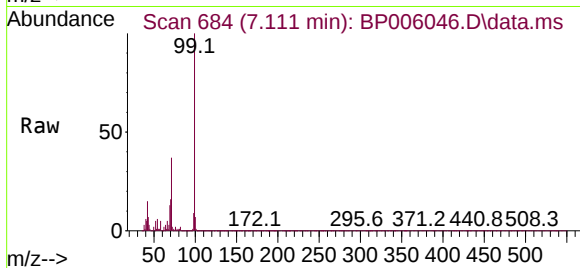




#7
Phenol-d6
Concen: 46.46 ng
RT: 7.111 min Scan# 684
Delta R.T. 0.018 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

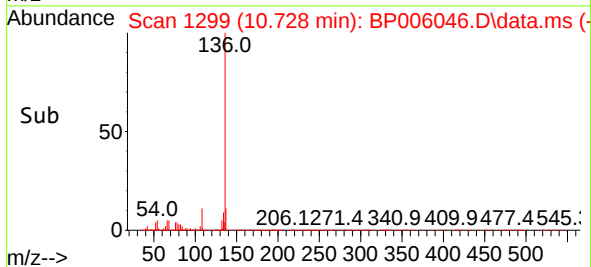
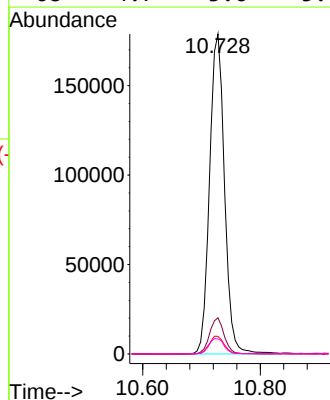
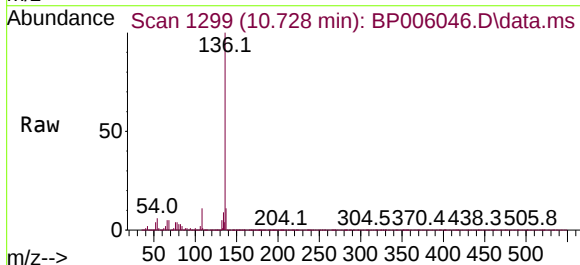
Instrument :
BNA_P
ClientSampleId :
OK-02-062221

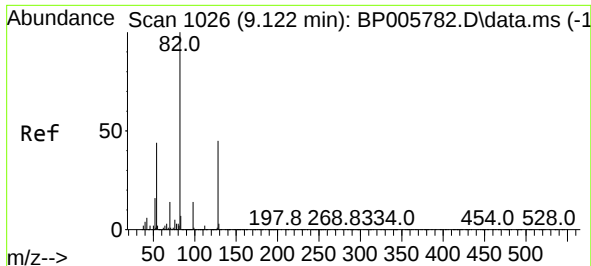
Tgt Ion:	99	Resp:	315307
Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.4	20.0
71	36.8	30.6	46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.728 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

Tgt Ion:	136	Resp:	315705
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	5.5	4.6	6.8
68	4.7	3.6	5.4

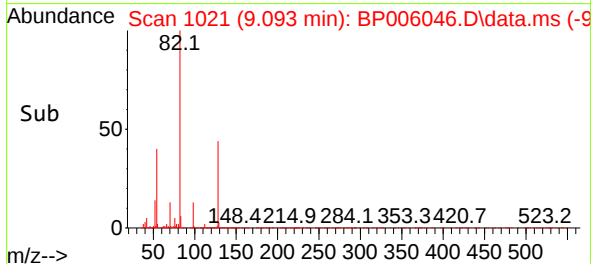
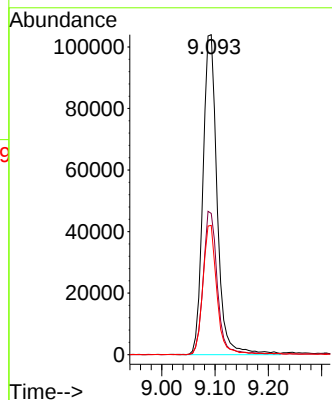
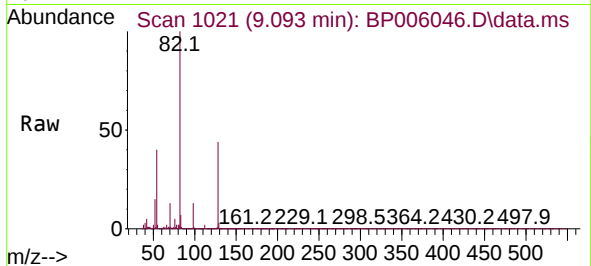




#23
Nitrobenzene-d5
Concen: 29.98 ng
RT: 9.093 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

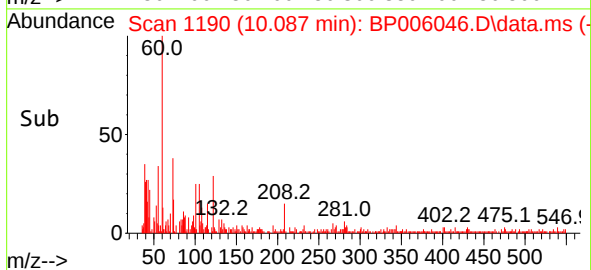
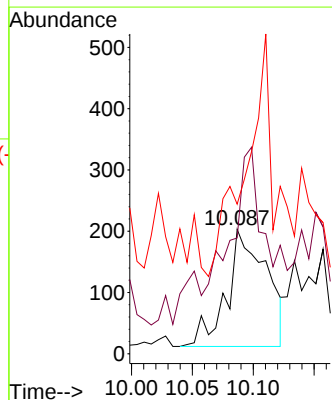
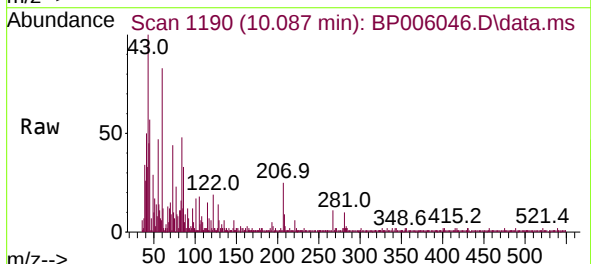
Instrument :
BNA_P
ClientSampleId :
OK-02-062221

Tgt Ion: 82 Resp: 193023
Ion Ratio Lower Upper
82 100
128 44.2 35.7 53.5
54 40.4 35.0 52.4



#32
Benzoic acid
Concen: 6.42 ng
RT: 10.087 min Scan# 1190
Delta R.T. 0.012 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

Tgt Ion: 122 Resp: 431
Ion Ratio Lower Upper
122 100
105 93.1 103.2 143.2#
77 120.2 76.2 116.2#

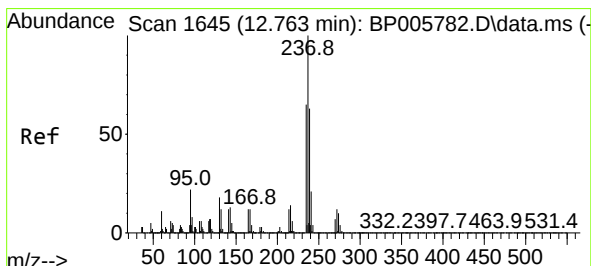
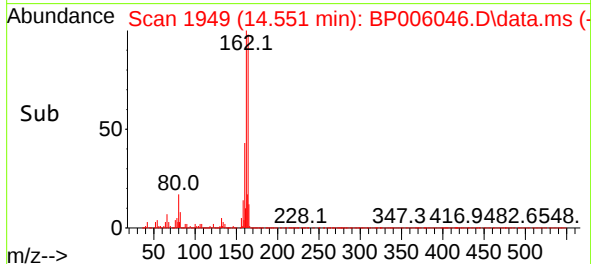
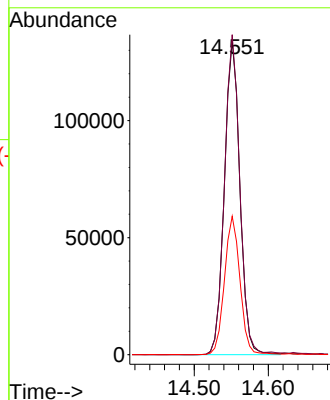
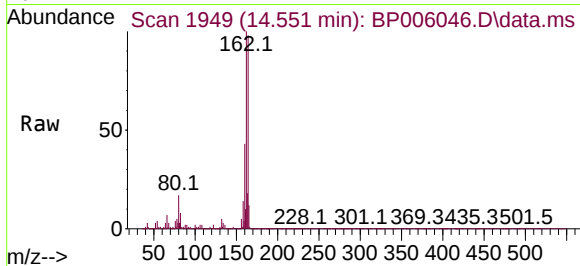




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.000 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

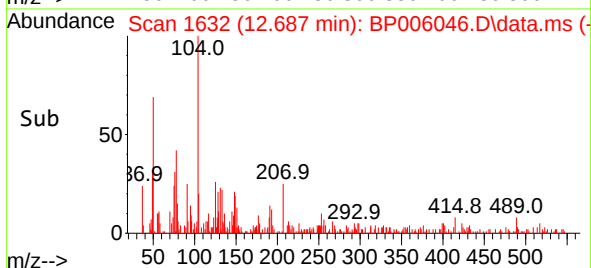
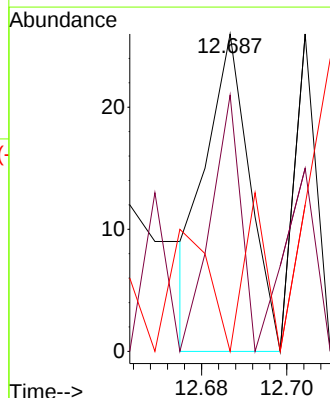
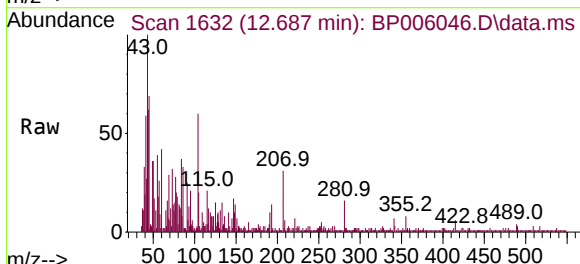
Instrument :
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ClientSampleId :
OK-02-062221

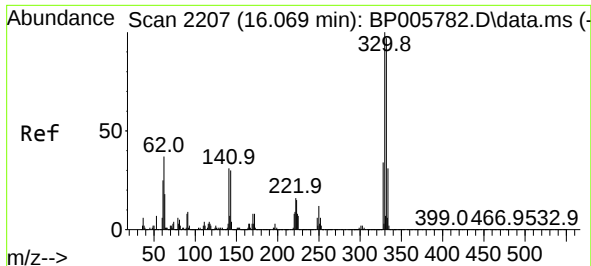
Tgt Ion:164 Resp: 194736
Ion Ratio Lower Upper
164 100
162 102.1 80.2 120.2
160 44.1 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.687 min Scan# 1632
Delta R.T. -0.041 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

Tgt Ion:237 Resp: 18
Ion Ratio Lower Upper
237 100
235 80.8 44.5 84.5
272 0.0 0.0 32.5

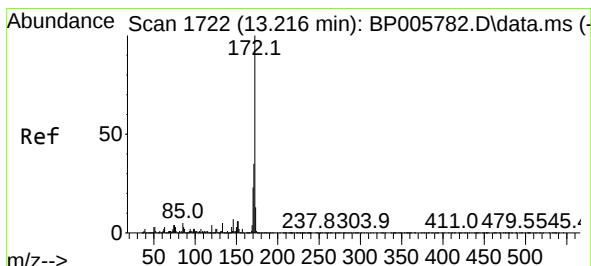
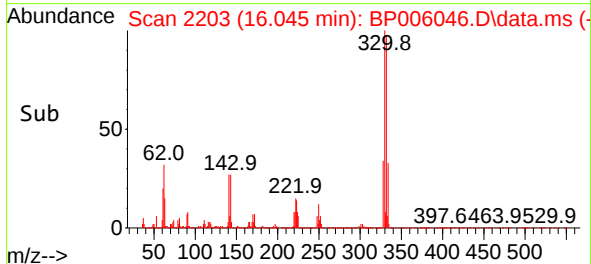
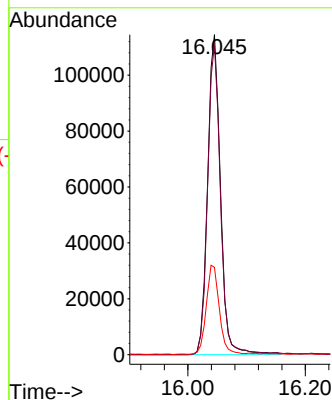
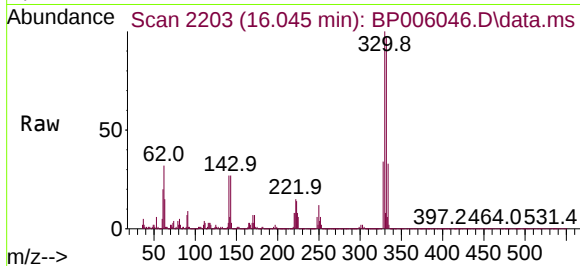




#42
2,4,6-Tribromophenol
Concen: 52.17 ng
RT: 16.045 min Scan# 2203
Delta R.T. 0.006 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

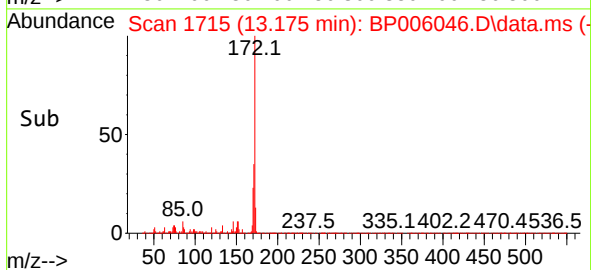
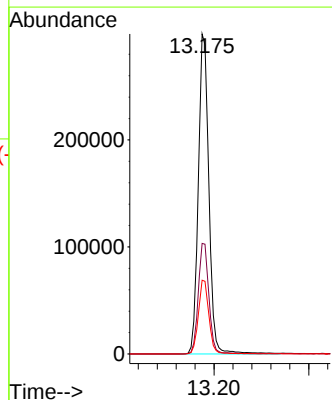
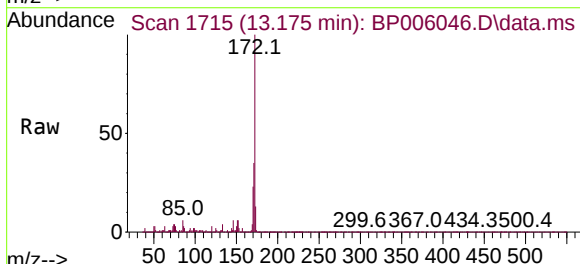
Instrument :
BNA_P
ClientSampleId :
OK-02-062221

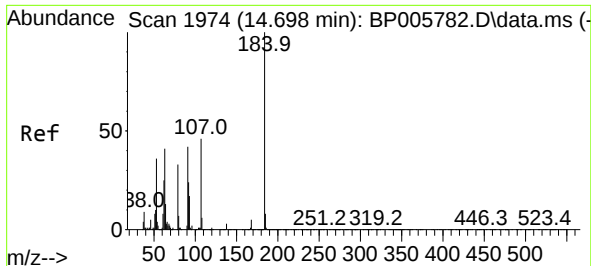
Tgt Ion:330 Resp: 174353
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 27.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 31.16 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

Tgt Ion:172 Resp: 462027
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 23.1 18.6 27.8

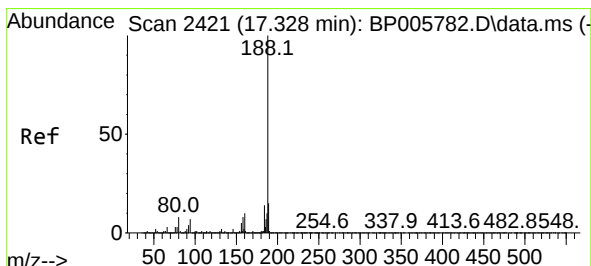
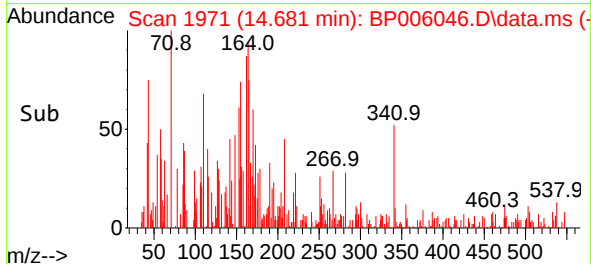
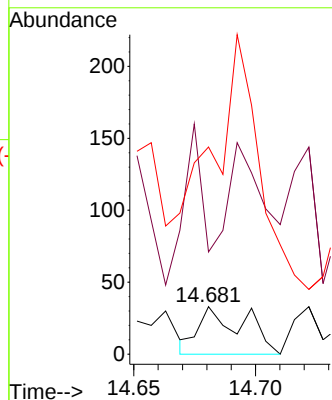
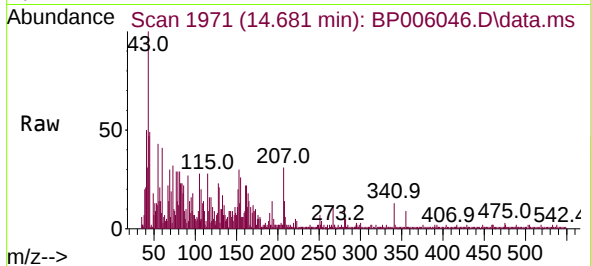




#54
2,4-Dinitrophenol
Concen: 4.87 ng
RT: 14.681 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

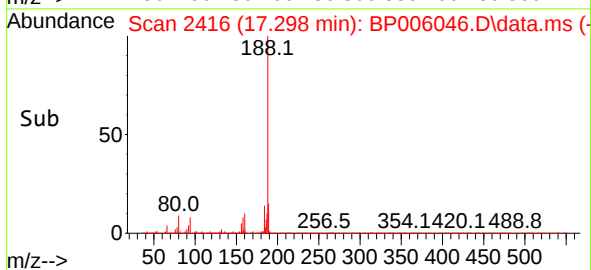
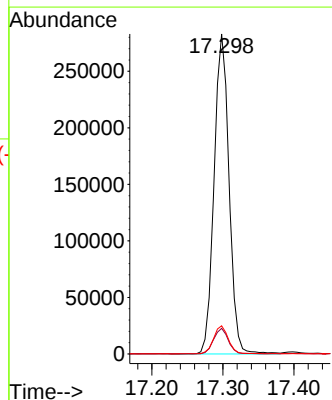
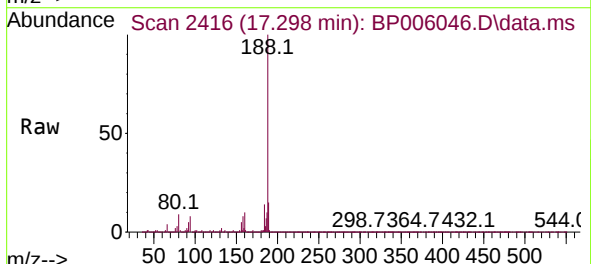
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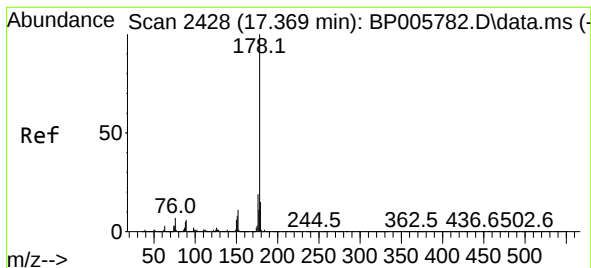
Tgt Ion:184 Resp: 42
Ion Ratio Lower Upper
184 100
63 215.2 47.0 70.6#
154 436.4 52.3 78.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.298 min Scan# 2416
Delta R.T. 0.006 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

Tgt Ion:188 Resp: 413045
Ion Ratio Lower Upper
188 100
94 8.0 5.6 8.4
80 8.8 6.3 9.5





#71

Phenanthrene

Concen: 4.73 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BP006046.D

Acq: 23 Jun 2021 21:34

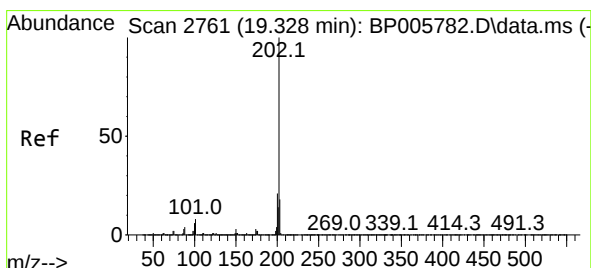
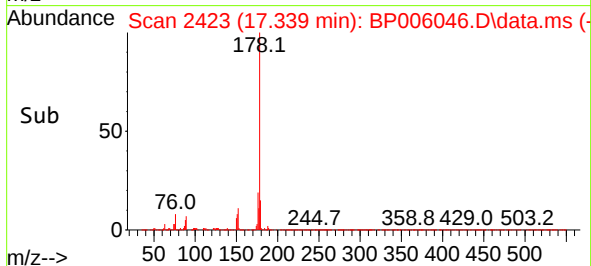
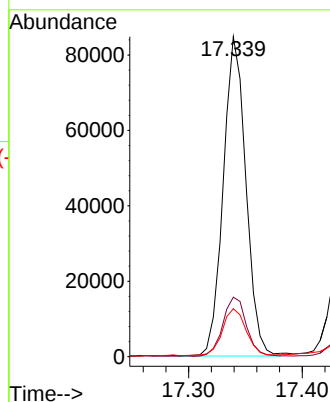
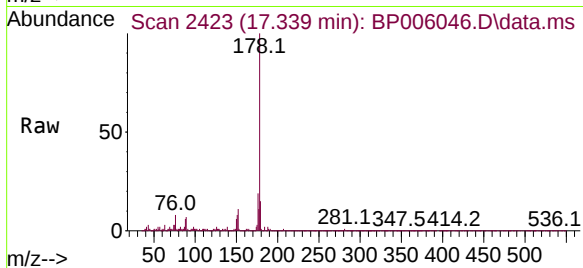
Instrument :

BNA_P

ClientSampleId :

OK-02-062221

Tgt Ion:178	Resp: 117257
Ion Ratio	Lower Upper
178	100
176	18.6 15.1 22.7
179	15.0 12.4 18.6



#75

Fluoranthene

Concen: 5.20 ng

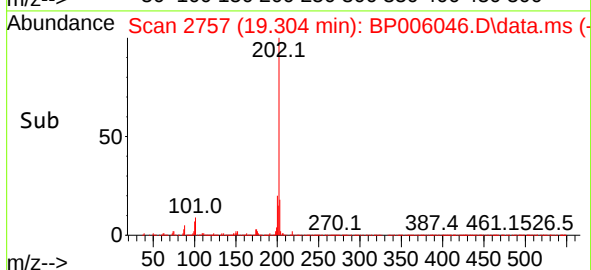
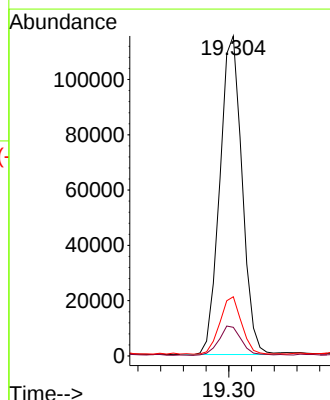
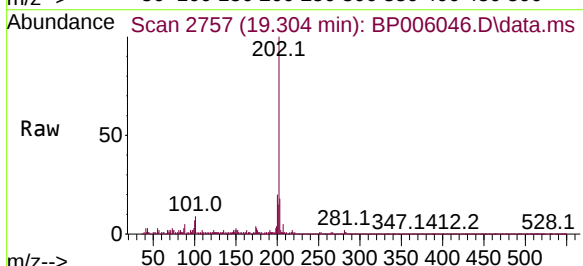
RT: 19.304 min Scan# 2757

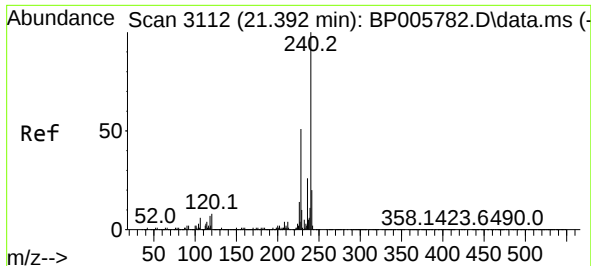
Delta R.T. 0.006 min

Lab File: BP006046.D

Acq: 23 Jun 2021 21:34

Tgt Ion:202	Resp: 156790
Ion Ratio	Lower Upper
202	100
101	9.0 0.0 27.6
203	18.5 0.0 37.8

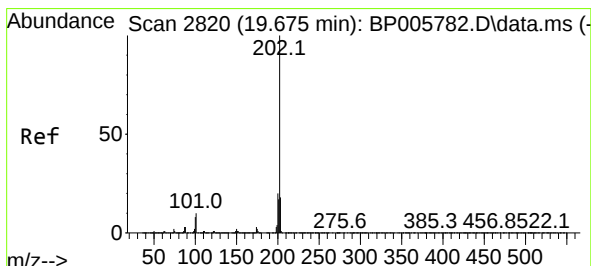
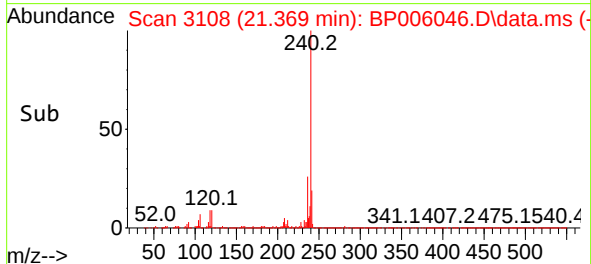
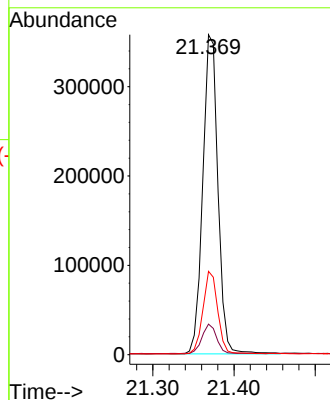
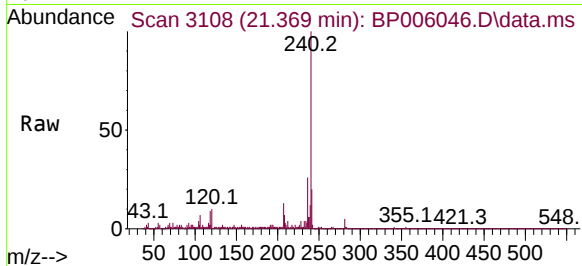




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.369 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

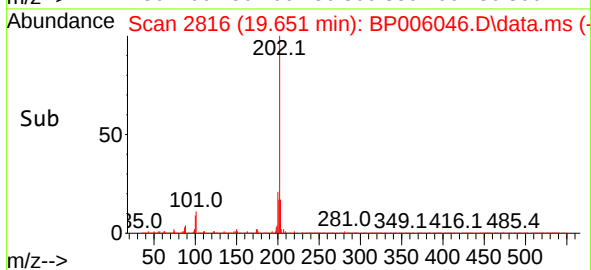
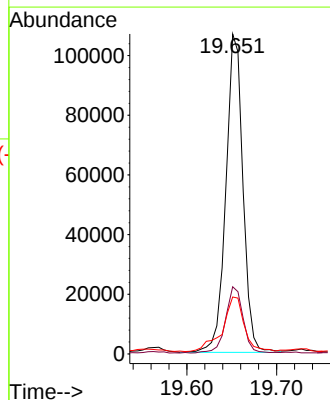
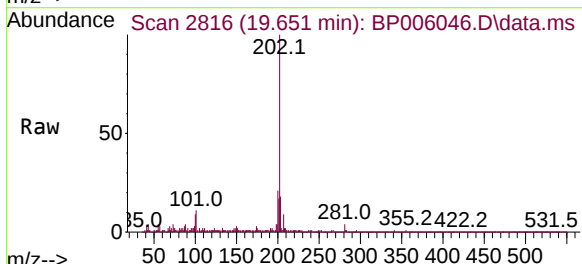
Instrument :
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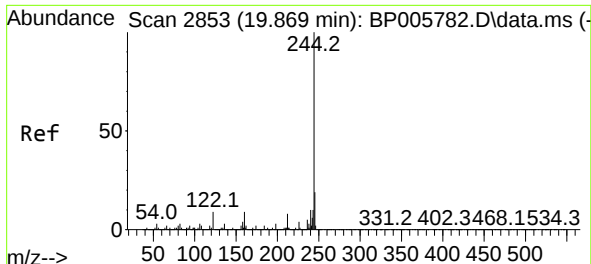
Tgt Ion:240 Resp: 463161
Ion Ratio Lower Upper
240 100
120 9.6 6.5 9.7
236 26.1 20.6 31.0



#78
Pyrene
Concen: 4.37 ng
RT: 19.651 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

Tgt Ion:202 Resp: 141160
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 17.8 14.2 21.2

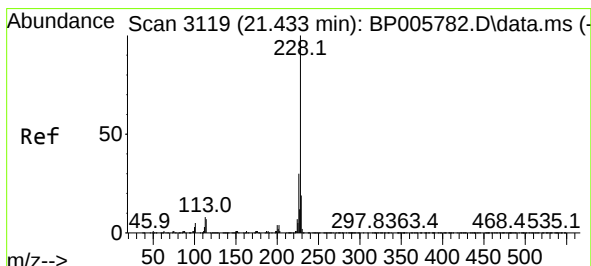
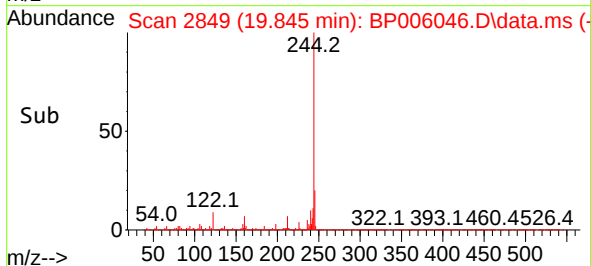
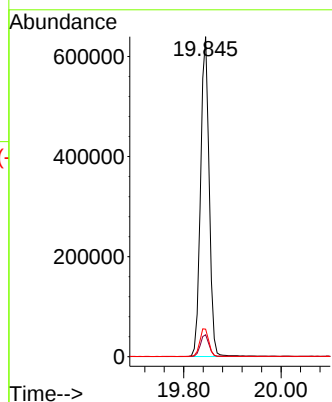
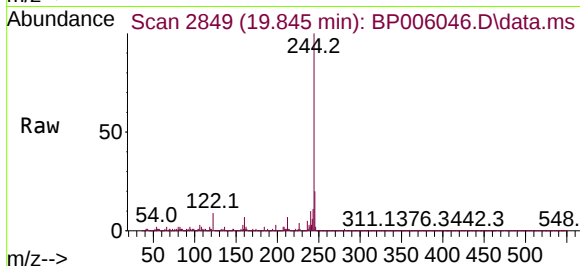




#79
 Terphenyl-d14
 Concen: 31.83 ng
 RT: 19.845 min Scan# 2849
 Delta R.T. -0.000 min
 Lab File: BP006046.D
 Acq: 23 Jun 2021 21:34

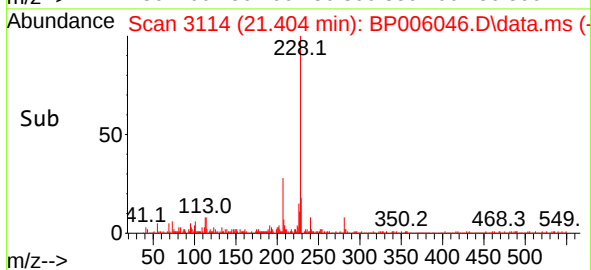
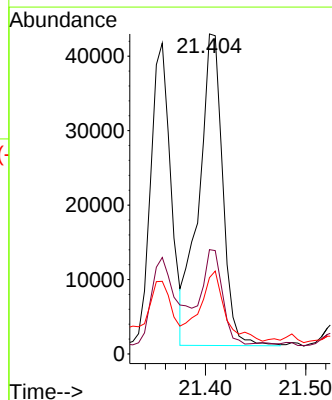
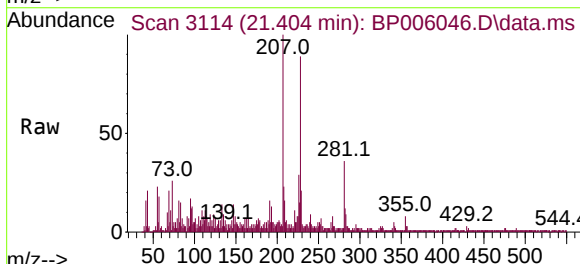
Instrument :
 BNA_P
 ClientSampleId :
 OK-02-062221

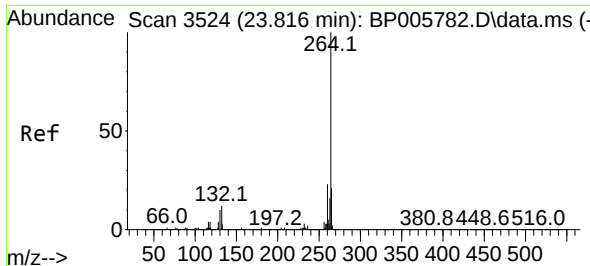
Tgt Ion:244 Resp: 787372
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.6 7.1 10.7



#83
 Chrysene
 Concen: 2.15 ng
 RT: 21.404 min Scan# 3114
 Delta R.T. -0.000 min
 Lab File: BP006046.D
 Acq: 23 Jun 2021 21:34

Tgt Ion:228 Resp: 69683
 Ion Ratio Lower Upper
 228 100
 226 32.6 23.8 35.6
 229 23.9 15.4 23.2#

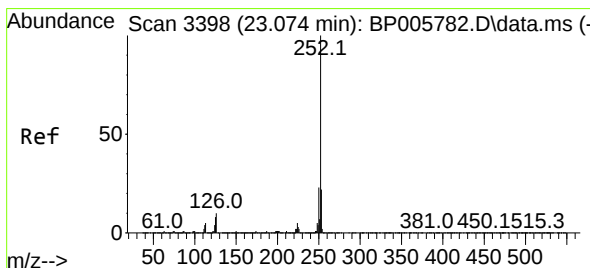
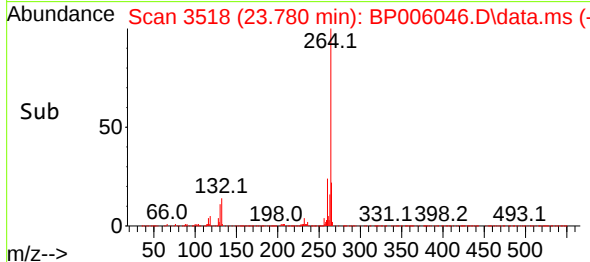
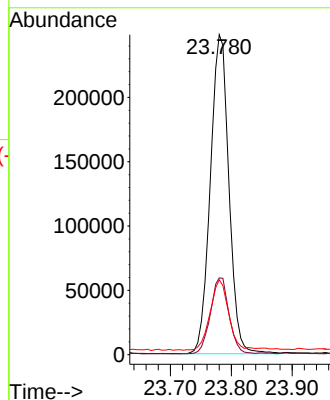
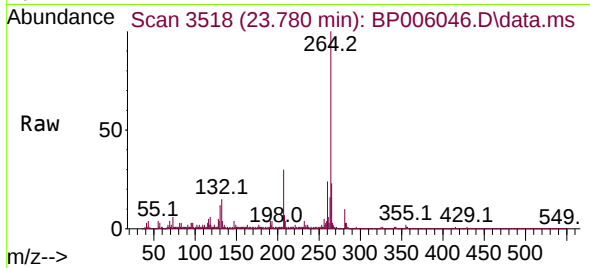




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.780 min Scan# 3518
Delta R.T. 0.006 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

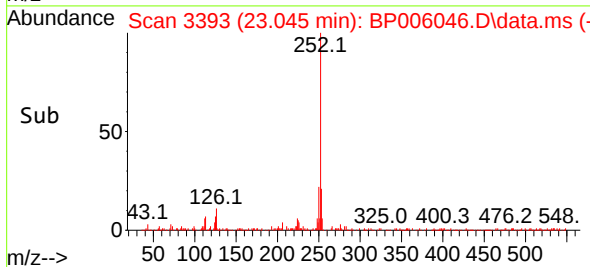
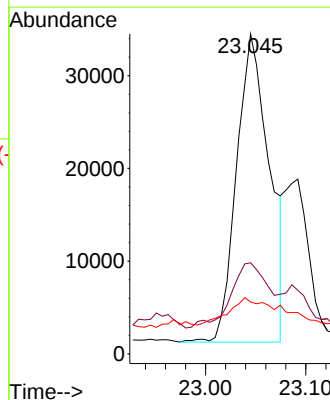
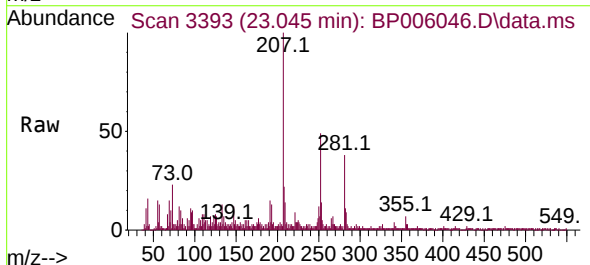
Instrument :
BNA_P
ClientSampleId :
OK-02-062221

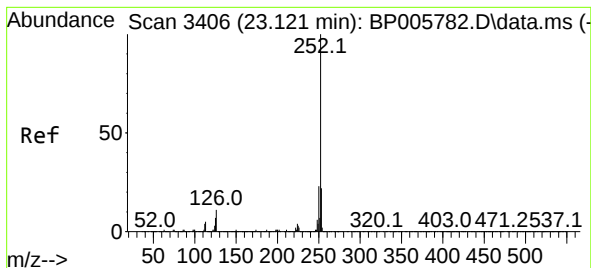
Tgt Ion:264	Resp:	526296
Ion Ratio	Lower	Upper
264	100	
260	24.0	18.6 28.0
265	23.4	17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 2.10 ng
RT: 23.045 min Scan# 3393
Delta R.T. 0.006 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

Tgt Ion:252	Resp:	75589
Ion Ratio	Lower	Upper
252	100	
253	28.5	17.5 26.3#
125	16.2	6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 2.16 ng

RT: 23.045 min Scan# 3393

Delta R.T. -0.041 min

Lab File: BP006046.D

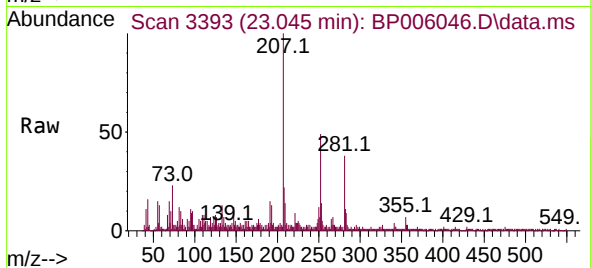
Acq: 23 Jun 2021 21:34

Instrument :

BNA_P

ClientSampleId :

OK-02-062221



Tgt Ion:252 Resp: 75589

Ion Ratio Lower Upper

252 100

253 28.5 17.6 26.4#

125 16.2 6.0 9.0#

