

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
 Data File : BP006039.D
 Acq On : 23 Jun 2021 17:35
 Operator : CG/JU
 Sample : M2778-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CF

Quant Time: Jun 24 01:17:08 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

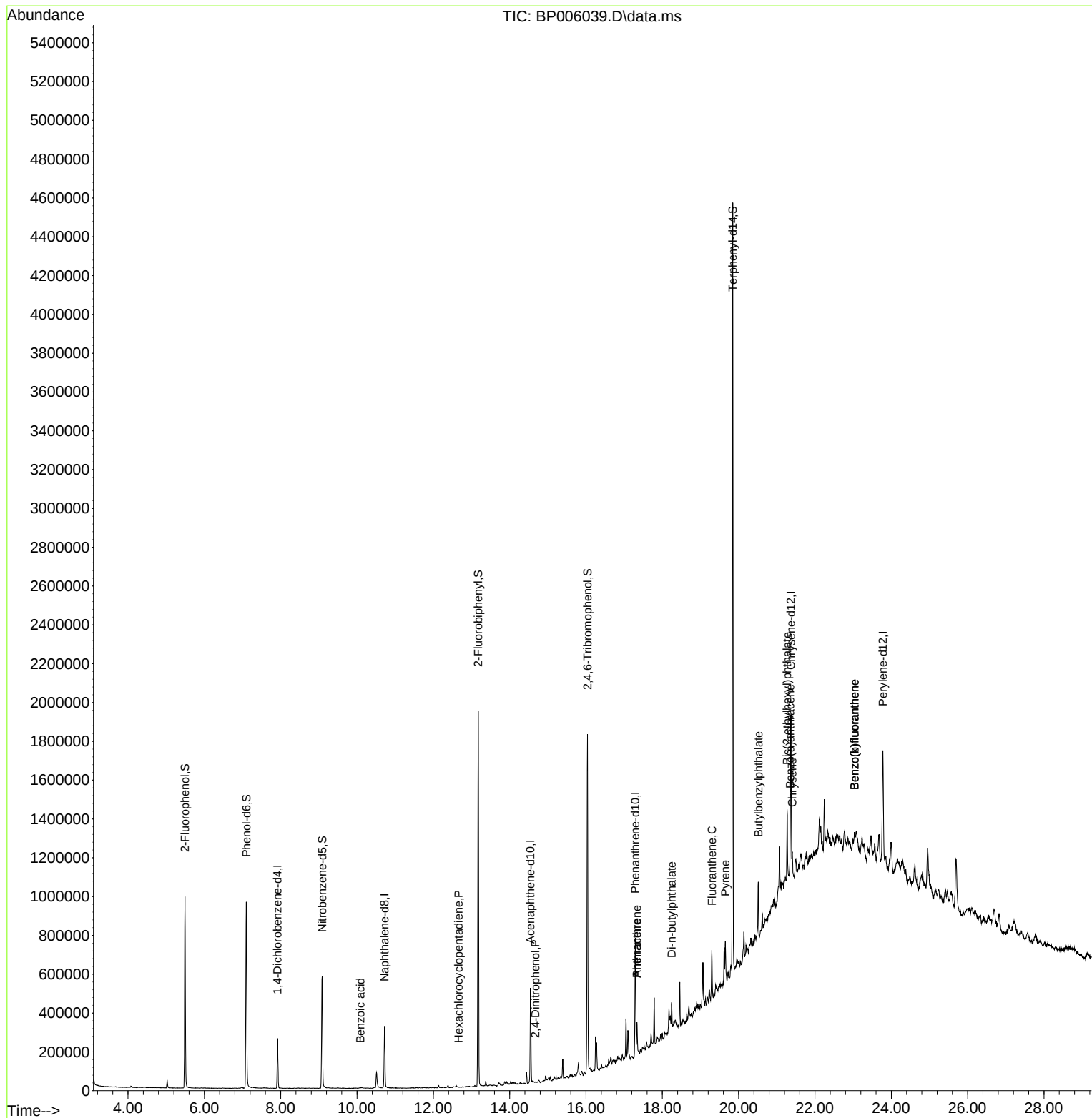
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	69088	20.00	ng	0.00
21) Naphthalene-d8	10.722	136	271209	20.00	ng	0.00
39) Acenaphthene-d10	14.545	164	169492	20.00	ng	0.00
64) Phenanthrene-d10	17.292	188	351984	20.00	ng	0.00
76) Chrysene-d12	21.368	240	388212	20.00	ng	# 0.00
86) Perylene-d12	23.780	264	449349	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	451610	104.89	ng	0.00
7) Phenol-d6	7.098	99	598733	107.29	ng	0.00
23) Nitrobenzene-d5	9.087	82	360474	65.16	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	388370	133.52	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1015515	78.68	ng	0.00
79) Terphenyl-d14	19.845	244	1885306	90.94	ng	0.00
Target Compounds						
32) Benzoic acid	10.087	122	148	6.36	ng	# 60
41) Hexachlorocyclopentadiene	12.663	237	42	5.52	ng	77
54) 2,4-Dinitrophenol	14.669	184	32	4.86	ng	# 1
71) Phenanthrene	17.333	178	96792	4.58	ng	98
72) Anthracene	17.333	178	96792	4.65	ng	98
74) Di-n-butylphthalate	18.245	149	113795	4.92	ng	99
75) Fluoranthene	19.298	202	136721	5.33	ng	96
78) Pyrene	19.651	202	127510	4.70	ng	98
80) Butylbenzylphthalate	20.515	149	86350	7.74	ng	97
81) Benzo(a)anthracene	21.351	228	58363	2.08	ng	# 90
83) Chrysene	21.404	228	62418	2.30	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.268	149	127774	7.81	ng	97
88) Benzo(b)fluoranthene	23.039	252	76050	2.47	ng	# 60
89) Benzo(k)fluoranthene	23.039	252	76050	2.55	ng	# 61

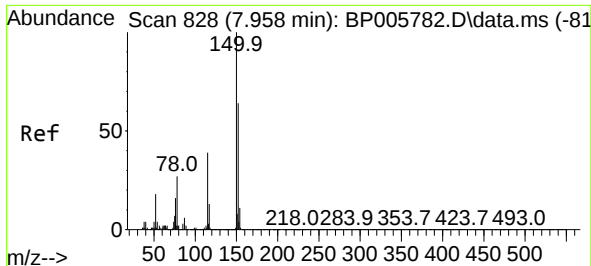
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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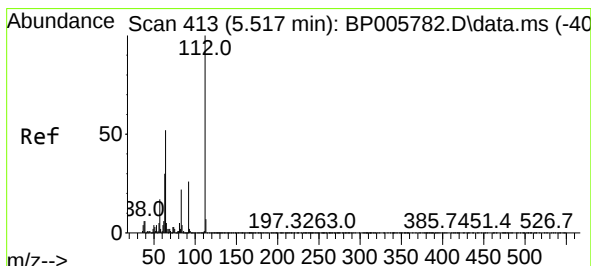
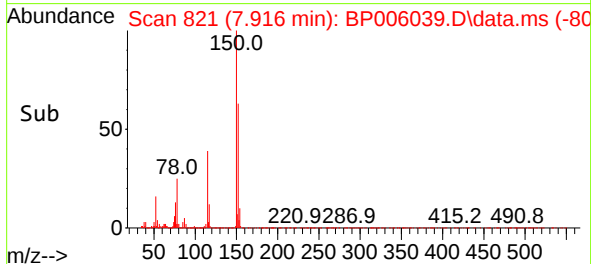
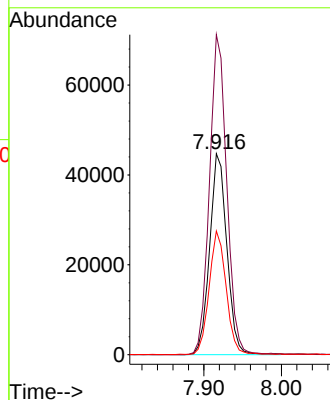
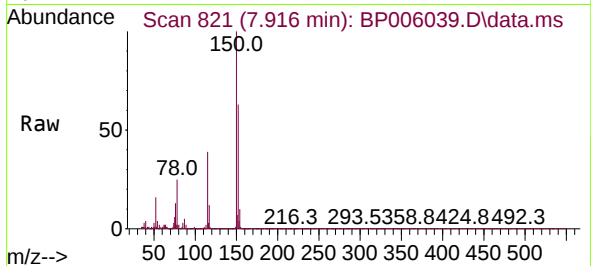




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

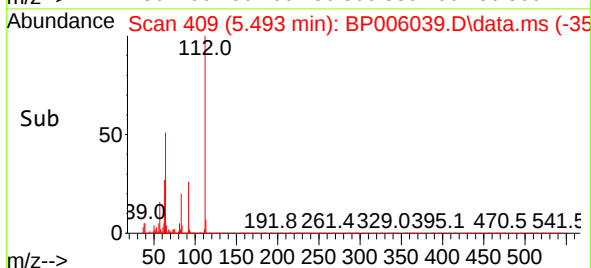
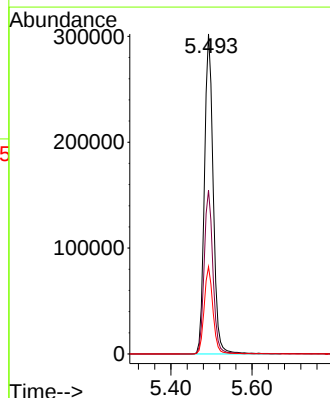
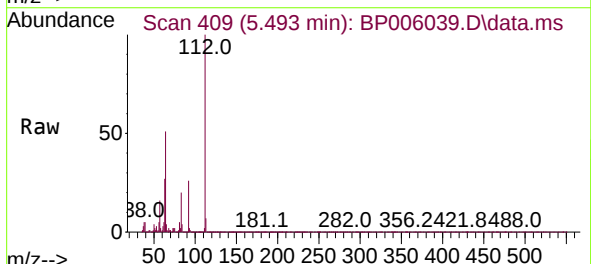
Instrument :
BNA_P
ClientSampleId :
CF

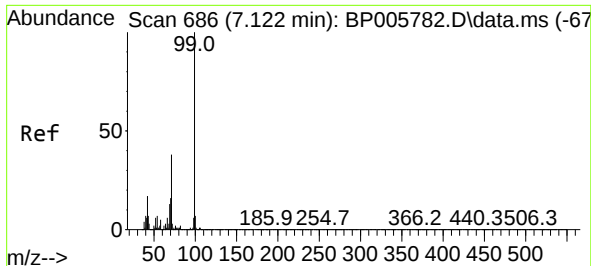
Tgt Ion:152 Resp: 69088
Ion Ratio Lower Upper
152 100
150 159.3 125.6 188.4
115 61.6 48.5 72.7



#5
2-Fluorophenol
Concen: 104.89 ng
RT: 5.493 min Scan# 409
Delta R.T. 0.005 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:112 Resp: 451610
Ion Ratio Lower Upper
112 100
64 51.1 41.4 62.2
63 27.2 23.8 35.8

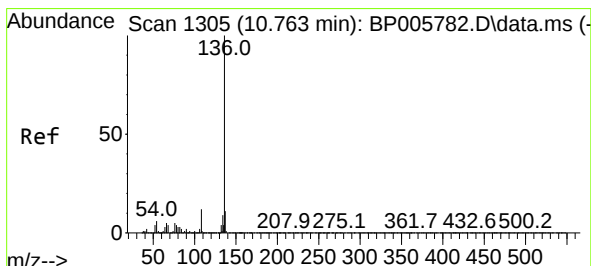
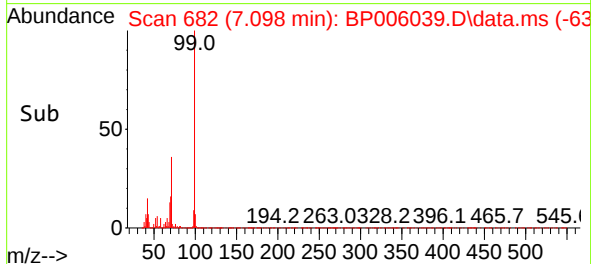
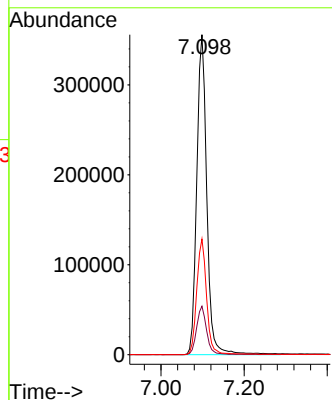
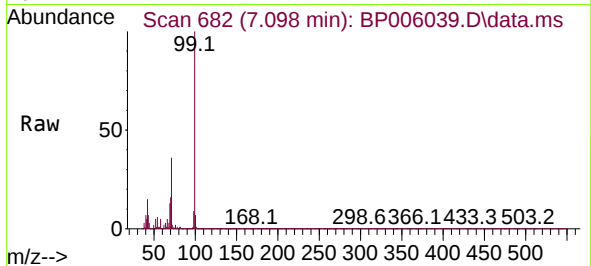




#7
Phenol-d6
Concen: 107.29 ng
RT: 7.098 min Scan# 682
Delta R.T. 0.005 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

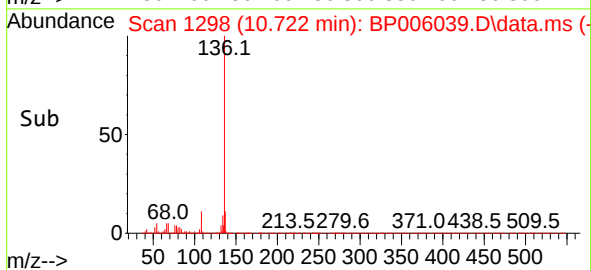
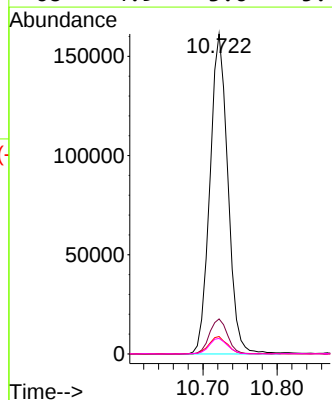
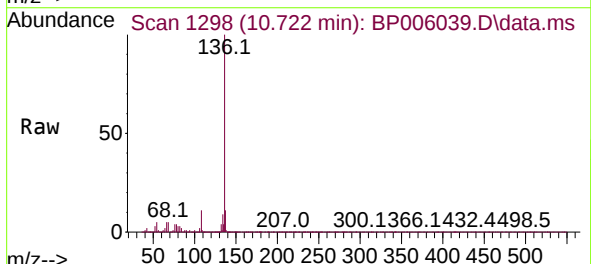
Instrument :
BNA_P
ClientSampleId :
CF

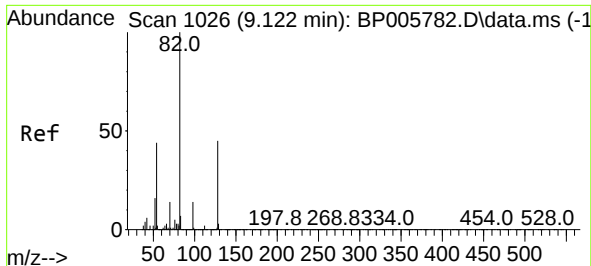
Tgt Ion: 99 Resp: 598733
Ion Ratio Lower Upper
99 100
42 15.1 13.4 20.0
71 36.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion: 136 Resp: 271209
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 5.5 4.6 6.8
68 4.9 3.6 5.4

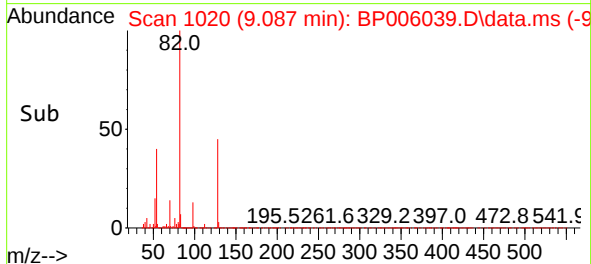
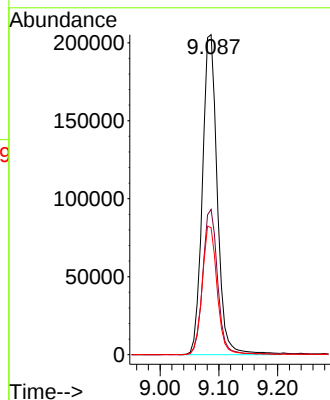
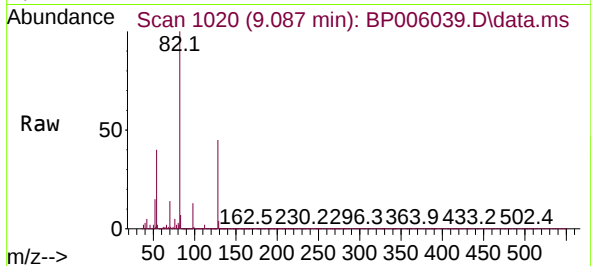




#23
Nitrobenzene-d5
Concen: 65.16 ng
RT: 9.087 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

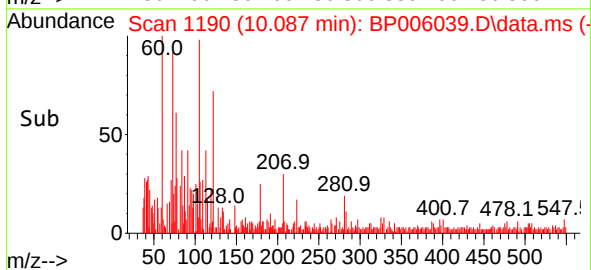
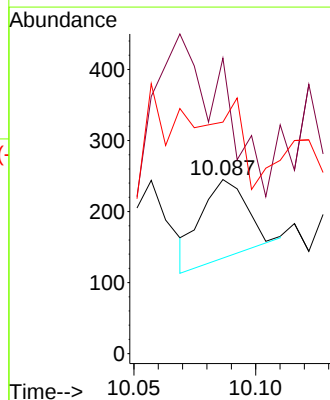
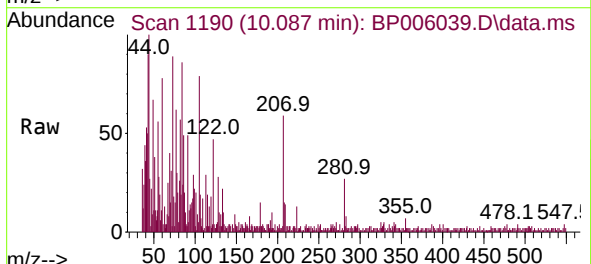
Instrument :
BNA_P
ClientSampled :
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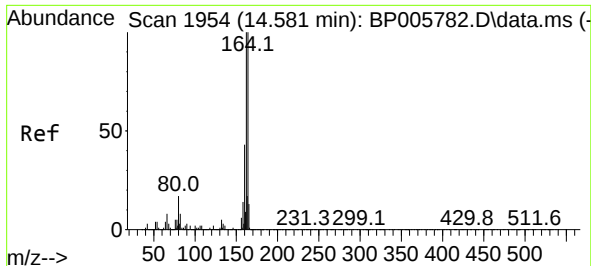
Tgt Ion: 82 Resp: 360474
Ion Ratio Lower Upper
82 100
128 45.4 35.7 53.5
54 39.7 35.0 52.4



#32
Benzoic acid
Concen: 6.36 ng
RT: 10.087 min Scan# 1190
Delta R.T. 0.011 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:122 Resp: 148
Ion Ratio Lower Upper
122 100
105 169.8 103.2 143.2#
77 133.1 76.2 116.2#

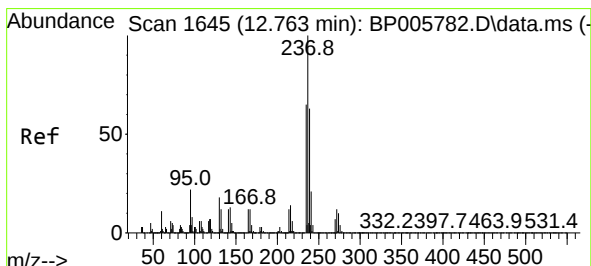
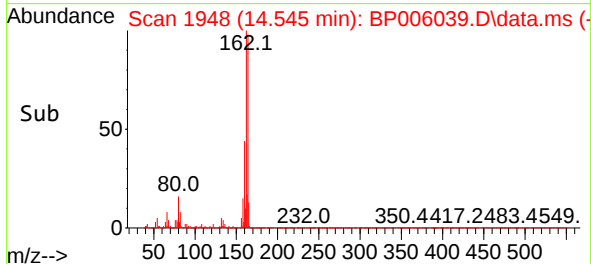
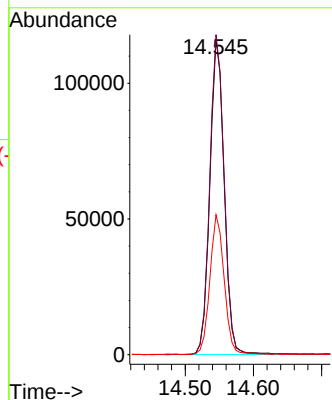
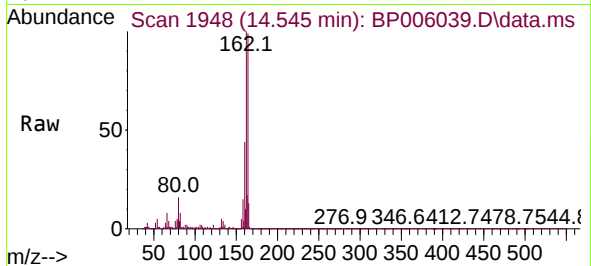




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

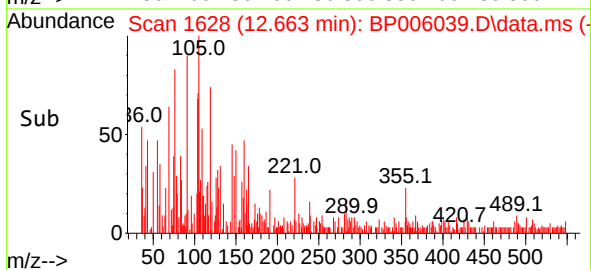
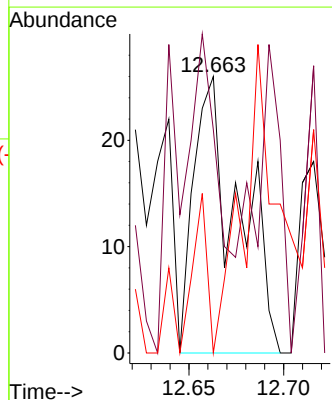
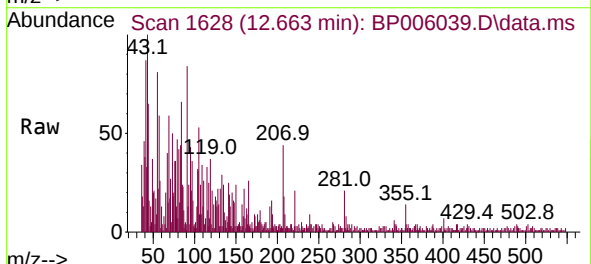
Instrument :
BNA_P
ClientSampleId :
CF

Tgt Ion:164 Resp: 169492
Ion Ratio Lower Upper
164 100
162 101.5 80.2 120.2
160 44.3 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.52 ng
RT: 12.663 min Scan# 1628
Delta R.T. -0.065 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:237 Resp: 42
Ion Ratio Lower Upper
237 100
235 80.8 44.5 84.5
272 0.0 0.0 32.5

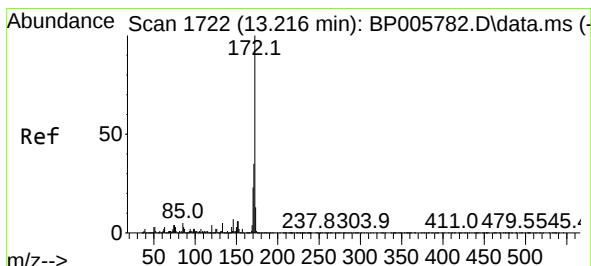
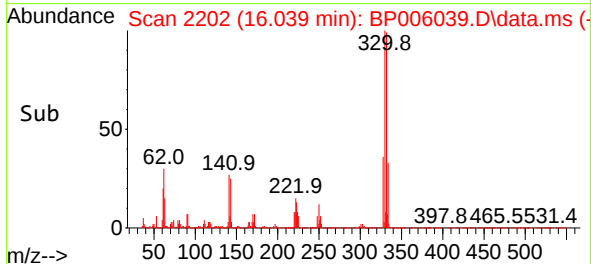
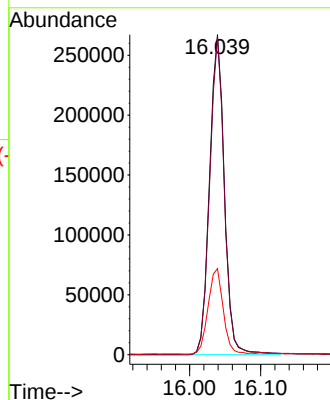
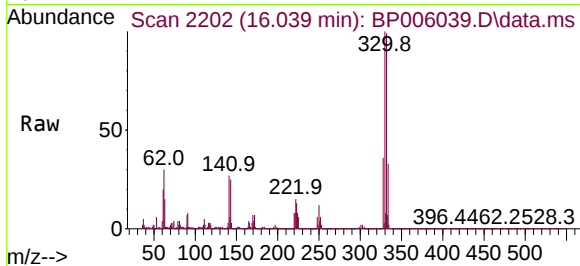




#42
2,4,6-Tribromophenol
Concen: 133.52 ng
RT: 16.039 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

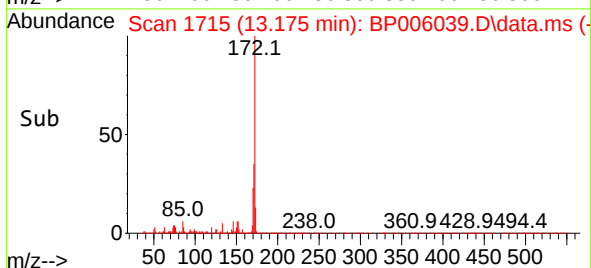
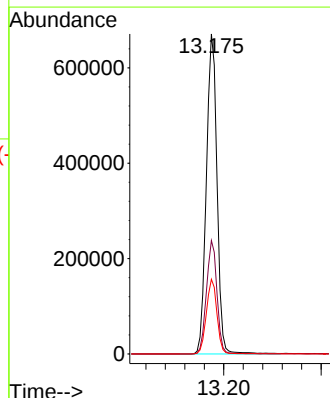
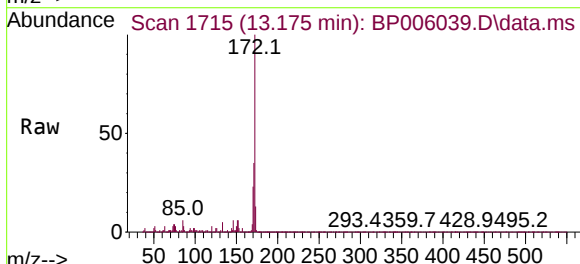
Instrument :
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ClientSampleId :
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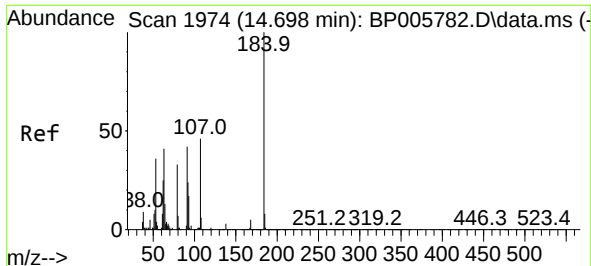
Tgt Ion:330 Resp: 388370
Ion Ratio Lower Upper
330 100
332 98.0 77.8 116.8
141 27.3 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 78.68 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:172 Resp: 1015515
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.3 18.6 27.8

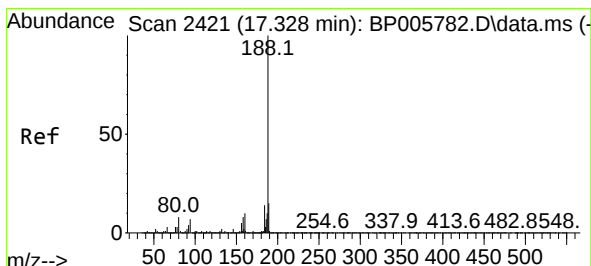
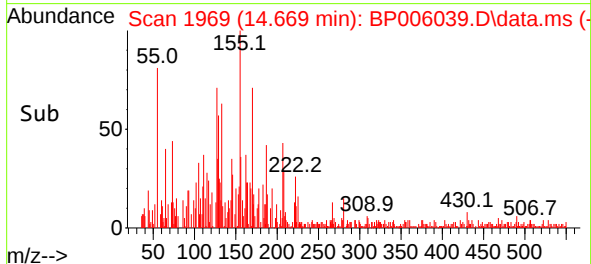
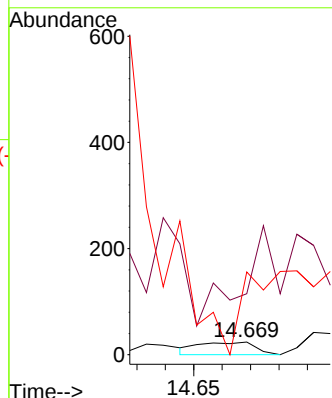
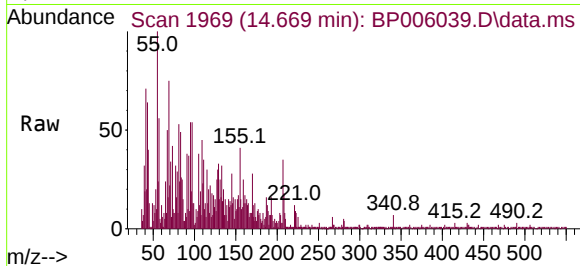




#54
2,4-Dinitrophenol
Concen: 4.86 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

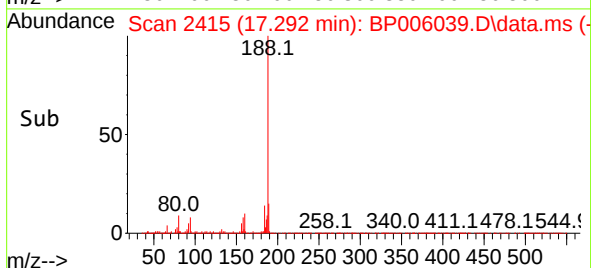
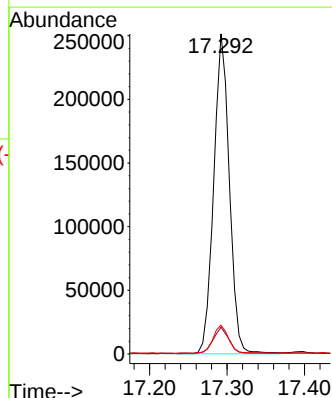
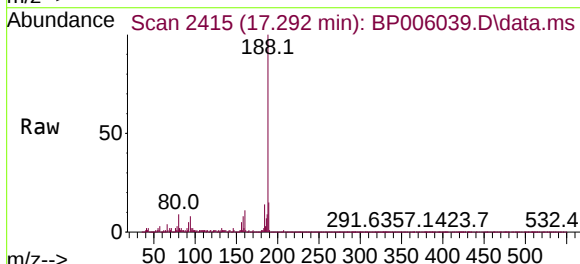
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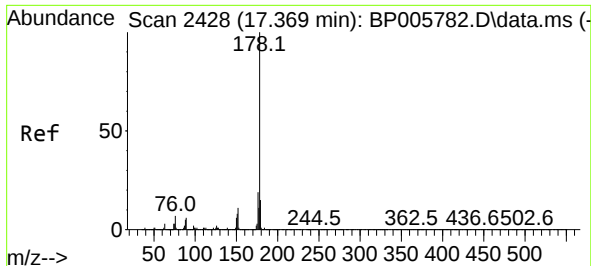
Tgt Ion:184 Resp: 32
Ion Ratio Lower Upper
184 100
63 479.2 47.0 70.6#
154 650.0 52.3 78.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:188 Resp: 351984
Ion Ratio Lower Upper
188 100
94 8.3 5.6 8.4
80 9.0 6.3 9.5

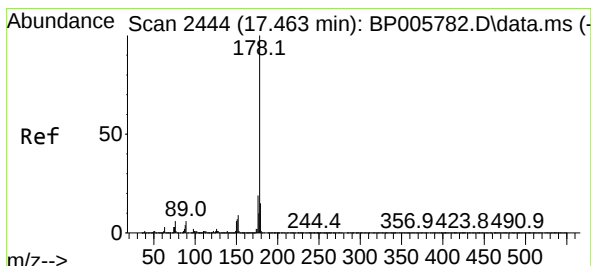
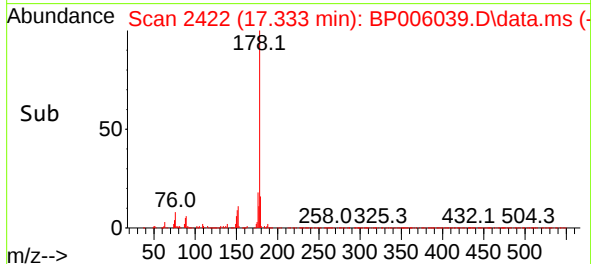
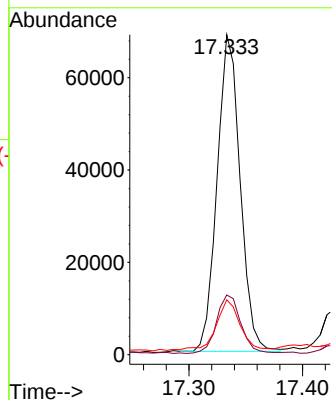
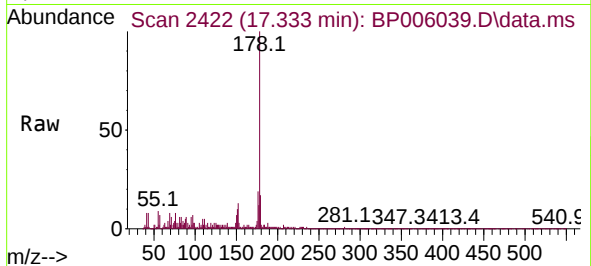




#71
Phenanthrene
Concen: 4.58 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

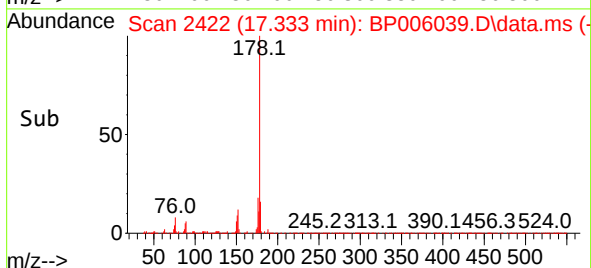
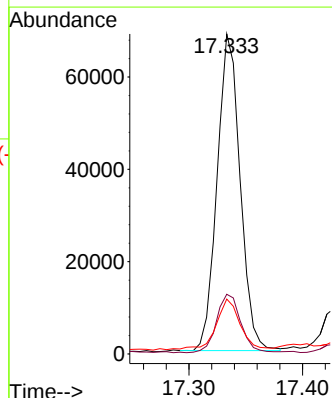
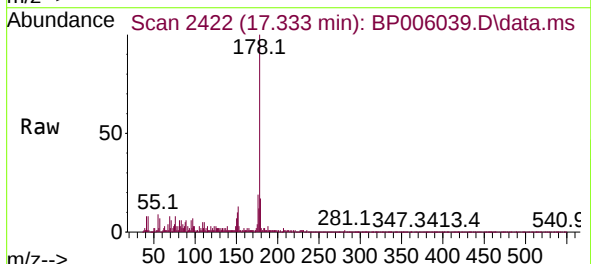
Instrument :
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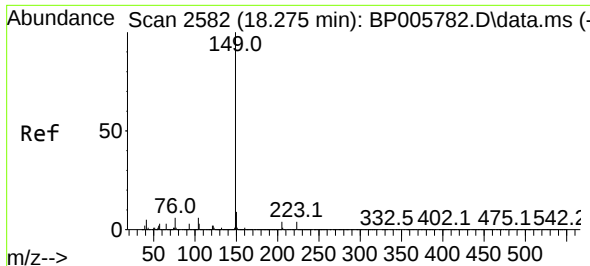
Tgt Ion:178 Resp: 96792
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 17.2 12.4 18.6



#72
Anthracene
Concen: 4.65 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.100 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:178 Resp: 96792
Ion Ratio Lower Upper
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176 18.6 14.9 22.3
179 17.2 12.2 18.2

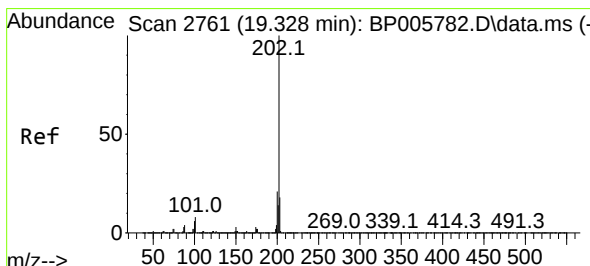
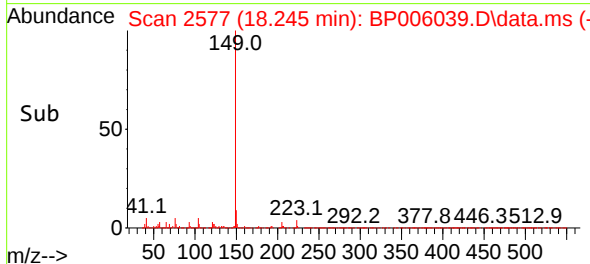
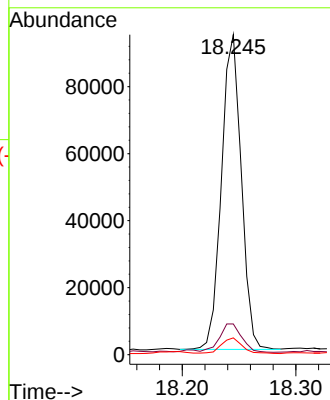
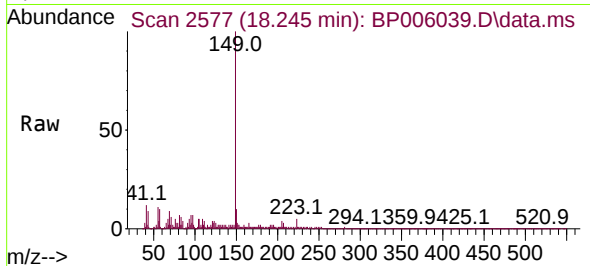




#74
Di-n-butylphthalate
Concen: 4.92 ng
RT: 18.245 min Scan# 2577
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

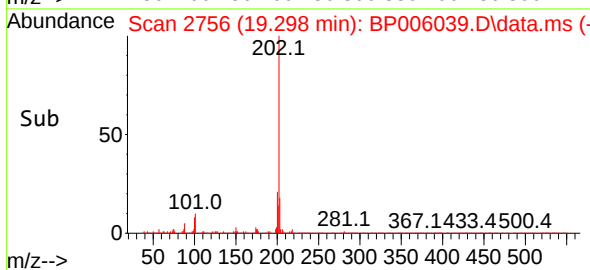
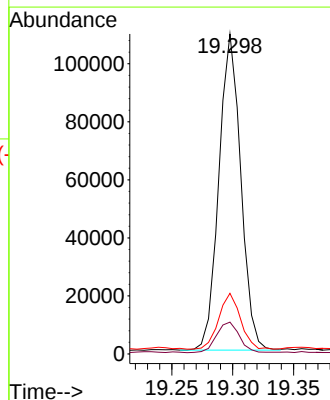
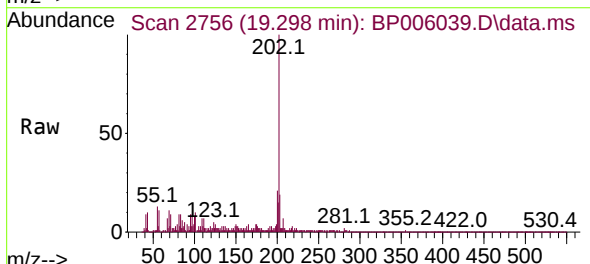
Instrument :
BNA_P
ClientSampled :
CF

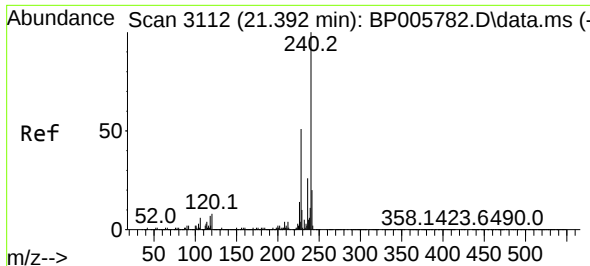
Tgt Ion:149 Resp: 113795
Ion Ratio Lower Upper
149 100
150 9.6 7.3 10.9
104 5.2 4.5 6.7



#75
Fluoranthene
Concen: 5.33 ng
RT: 19.298 min Scan# 2756
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:202 Resp: 136721
Ion Ratio Lower Upper
202 100
101 10.0 0.0 27.6
203 18.9 0.0 37.8

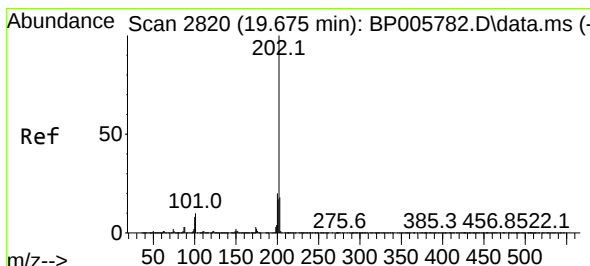
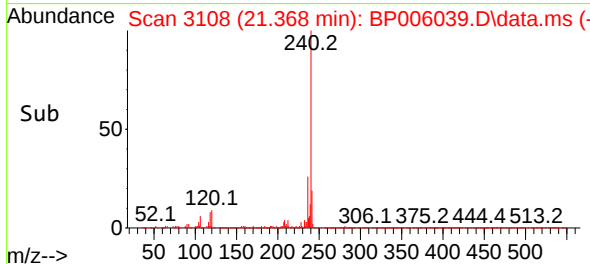
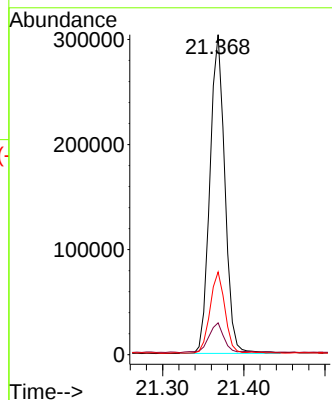
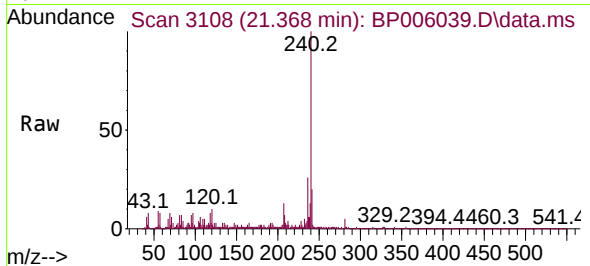




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.368 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

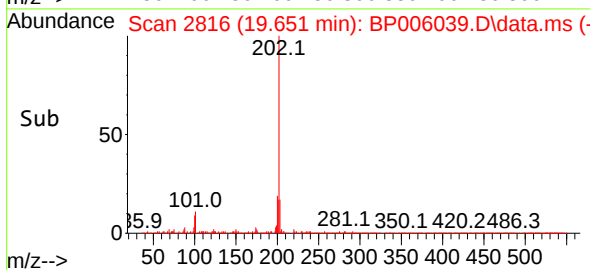
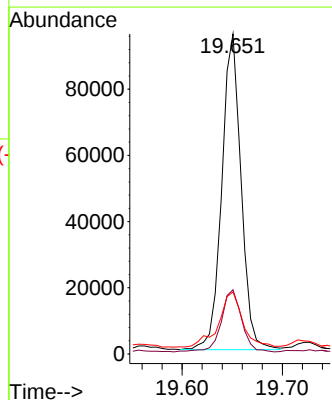
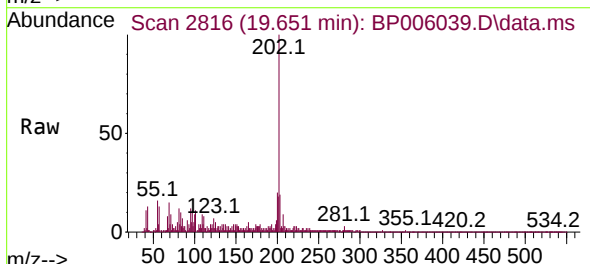
Instrument :
BNA_P
ClientSampled :
CF

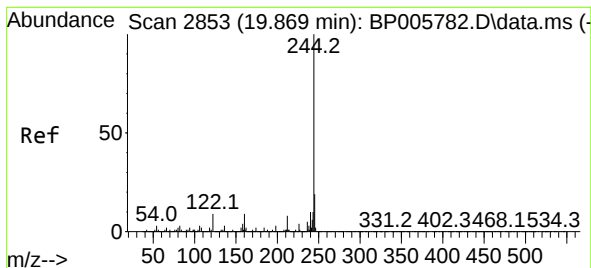
Tgt Ion:240 Resp: 388212
Ion Ratio Lower Upper
240 100
120 10.0 6.5 9.7#
236 25.8 20.6 31.0



#78
Pyrene
Concen: 4.70 ng
RT: 19.651 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:202 Resp: 127510
Ion Ratio Lower Upper
202 100
200 20.1 16.3 24.5
203 19.4 14.2 21.2





#79

Terphenyl-d14

Concen: 90.94 ng

RT: 19.845 min Scan# 2849

Delta R.T. -0.000 min

Lab File: BP006039.D

Acq: 23 Jun 2021 17:35

Instrument :

BNA_P

ClientSampleId :

CF

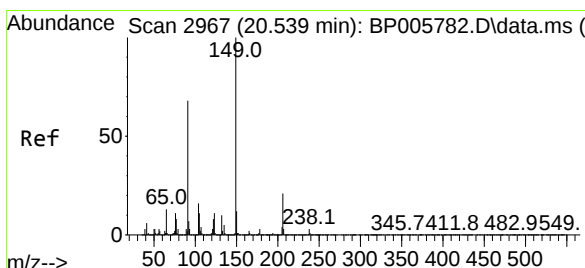
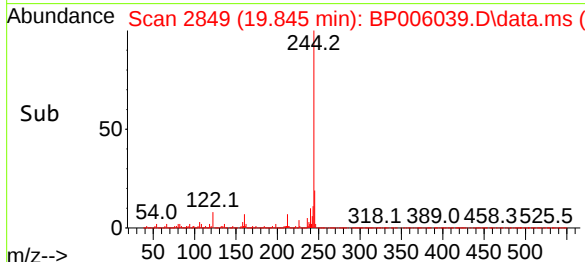
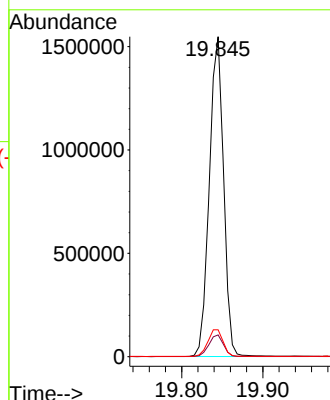
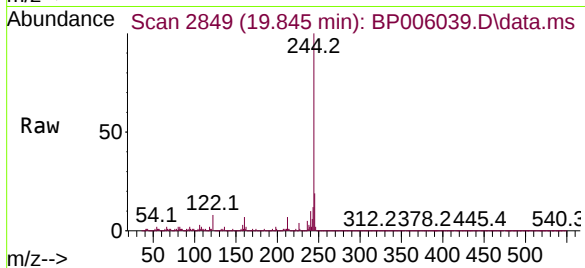
Tgt Ion:244 Resp: 1885306

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 8.4 7.1 10.7



#80

Butylbenzylphthalate

Concen: 7.74 ng

RT: 20.515 min Scan# 2963

Delta R.T. -0.000 min

Lab File: BP006039.D

Acq: 23 Jun 2021 17:35

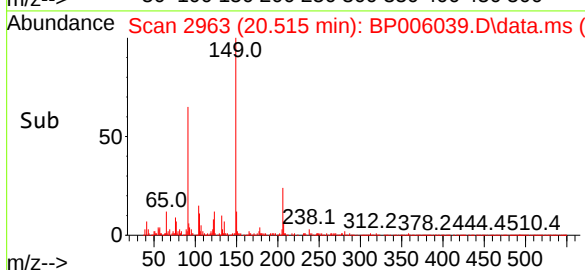
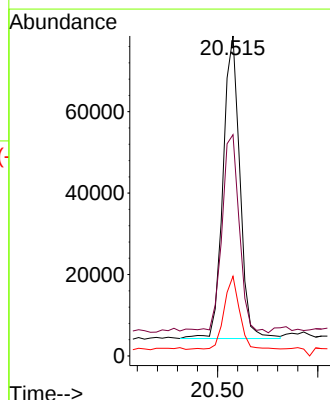
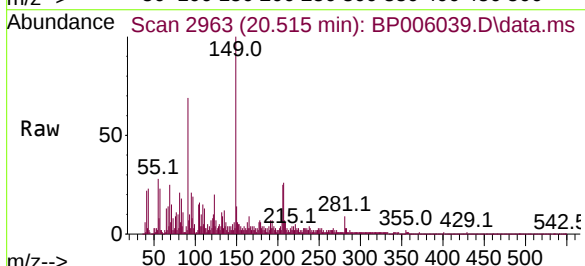
Tgt Ion:149 Resp: 86350

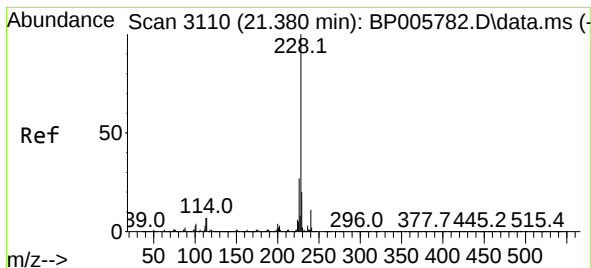
Ion Ratio Lower Upper

149 100

91 69.2 54.6 81.8

206 24.9 16.7 25.1





#81

Benzo(a)anthracene

Concen: 2.08 ng

RT: 21.351 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BP006039.D

Acq: 23 Jun 2021 17:35

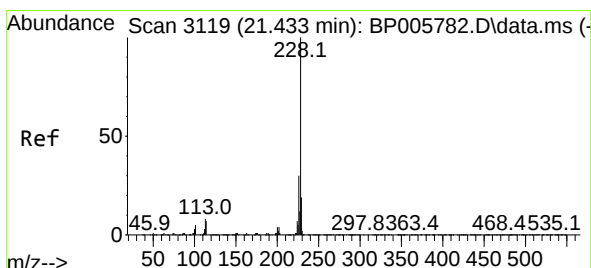
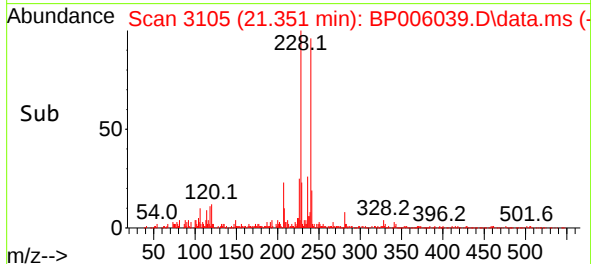
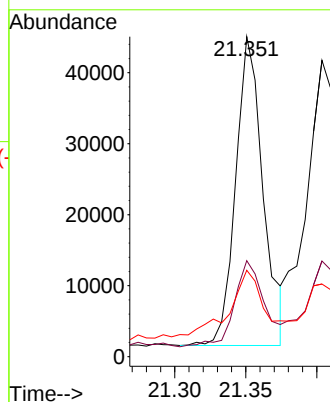
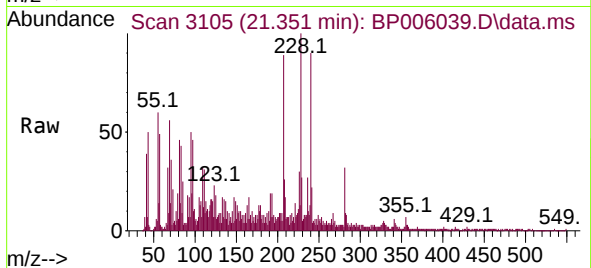
Instrument :

BNA_P

ClientSampleId :

CF

Tgt Ion:228	Resp: 58363
Ion Ratio	Lower Upper
228 100	
226 30.0	21.6 32.4
229 27.0	15.8 23.6#



#83

Chrysene

Concen: 2.30 ng

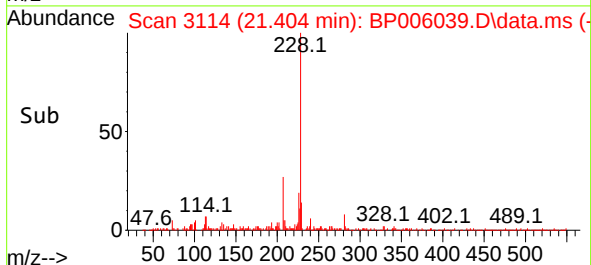
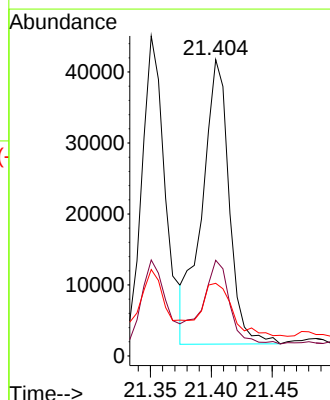
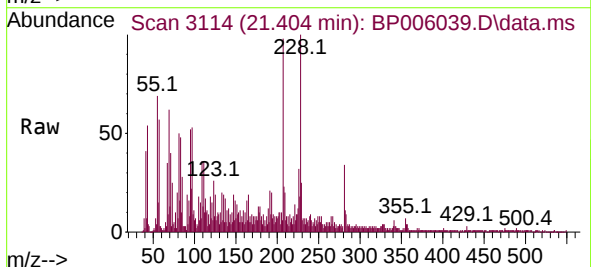
RT: 21.404 min Scan# 3114

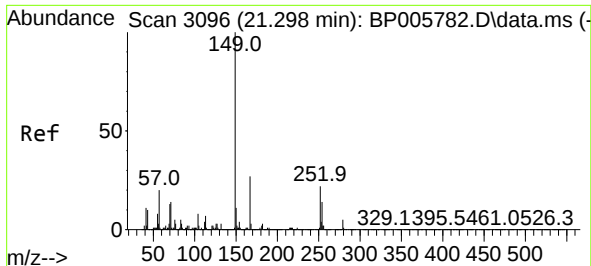
Delta R.T. -0.000 min

Lab File: BP006039.D

Acq: 23 Jun 2021 17:35

Tgt Ion:228	Resp: 62418
Ion Ratio	Lower Upper
228 100	
226 32.3	23.8 35.6
229 24.5	15.4 23.2#

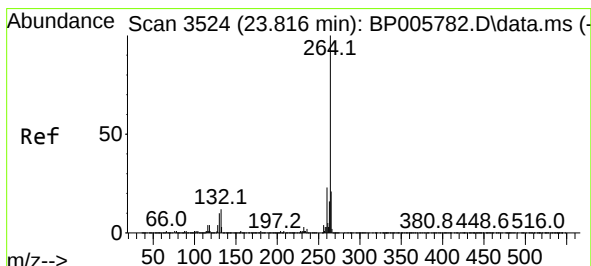
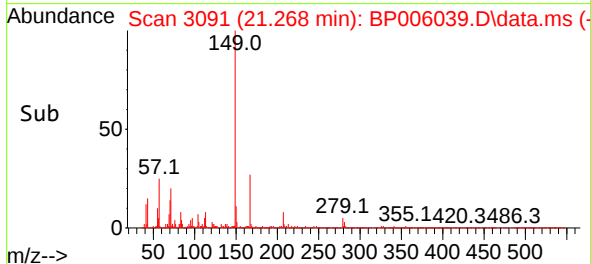
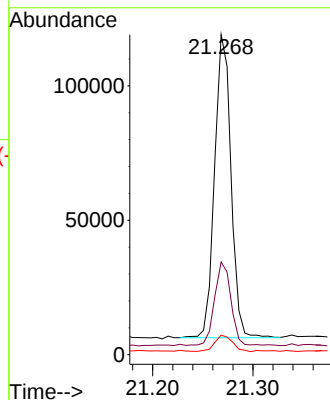
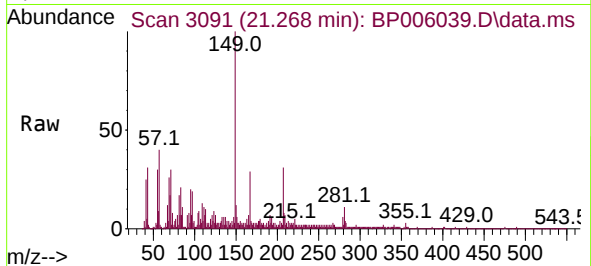




#84
Bis(2-ethylhexyl)phthalate
Concen: 7.81 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

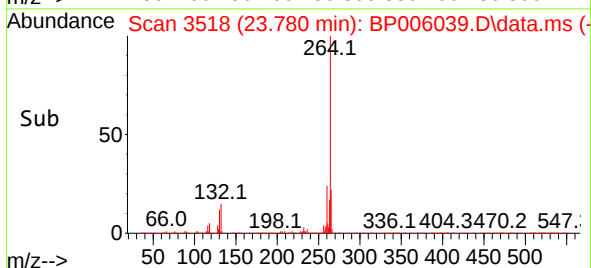
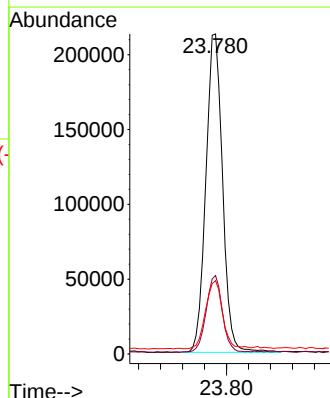
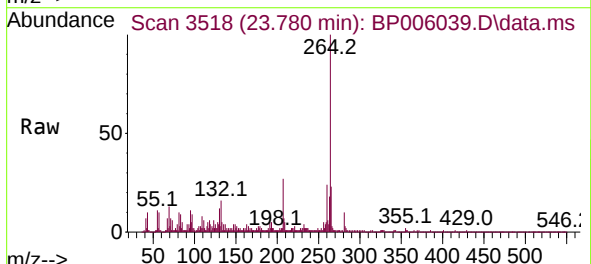
Instrument :
BNA_P
ClientSampled :
CF

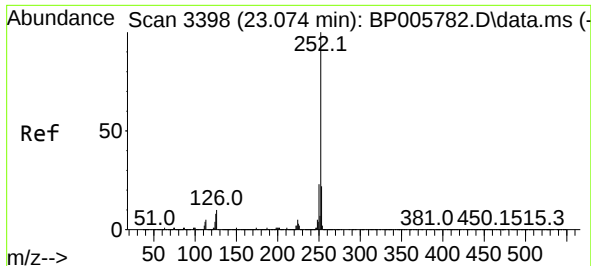
Tgt Ion:149 Resp: 127774
Ion Ratio Lower Upper
149 100
167 28.9 21.9 32.9
279 6.1 4.3 6.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.780 min Scan# 3518
Delta R.T. 0.005 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:264 Resp: 449349
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 22.9 17.6 26.4

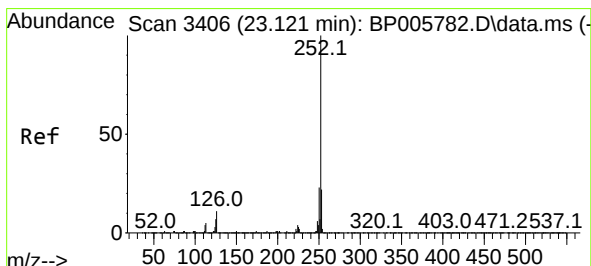
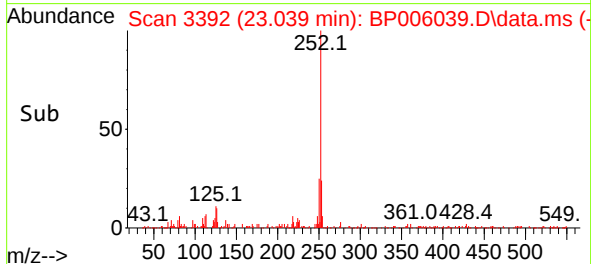
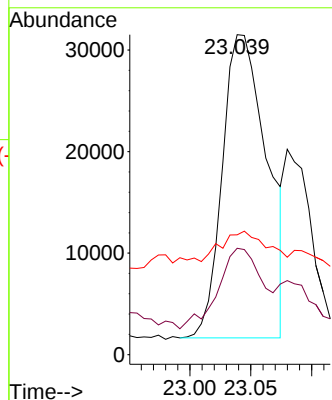
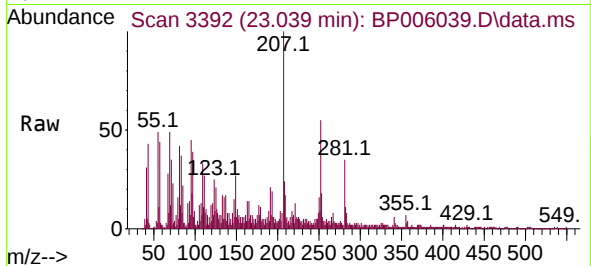




#88
Benzo(b)fluoranthene
Concen: 2.47 ng
RT: 23.039 min Scan# 3392
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Instrument :
BNA_P
ClientSampleId :
CF

Tgt Ion:252 Resp: 76050
Ion Ratio Lower Upper
252 100
253 33.3 17.5 26.3#
125 37.5 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 2.55 ng
RT: 23.039 min Scan# 3392
Delta R.T. -0.047 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:252 Resp: 76050
Ion Ratio Lower Upper
252 100
253 33.3 17.6 26.4#
125 37.5 6.0 9.0#

