

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061821\
 Data File : BP005984.D
 Acq On : 18 Jun 2021 22:15
 Operator : CG/JU
 Sample : M2749-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PX-03 14.5-15.0

Quant Time: Jun 19 00:27:28 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 16 11:35:30 2021
 Response via : Initial Calibration

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

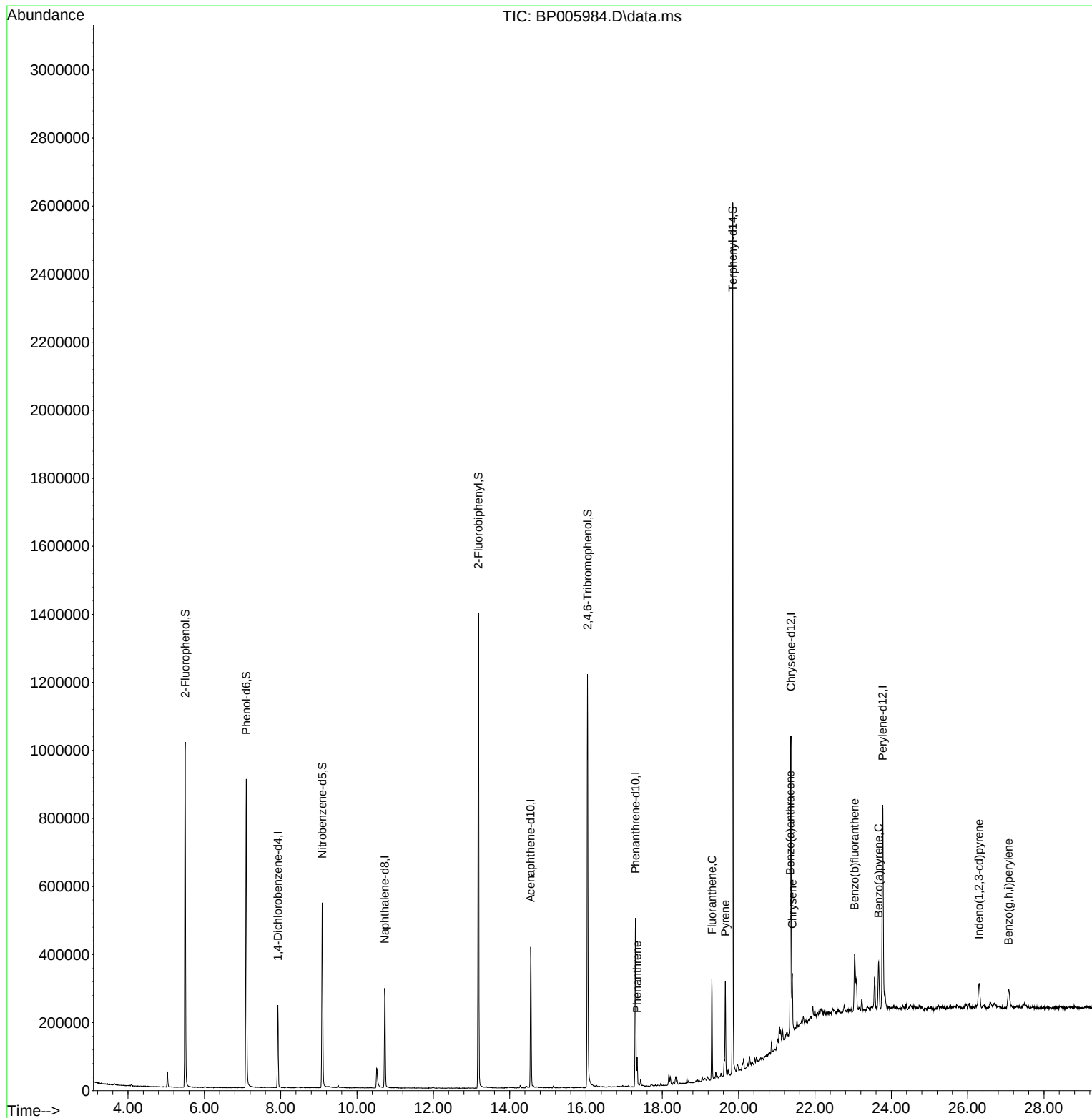
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	69467	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	254952	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	150382	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	313202	20.000	ng	0.00
76) Chrysene-d12	21.369	240	406059	20.000	ng	-0.01
86) Perylene-d12	23.774	264	480544	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	475718	109.887	ng	0.00
7) Phenol-d6	7.099	99	554408	98.803	ng	0.00
23) Nitrobenzene-d5	9.093	82	342274	65.819	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	271019	105.019	ng	-0.01
45) 2-Fluorobiphenyl	13.181	172	736961	64.351	ng	0.00
79) Terphenyl-d14	19.845	244	1178837	54.361	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.339	178	48105	2.558	ng	98
75) Fluoranthene	19.298	202	172871	7.568	ng	98
78) Pyrene	19.651	202	168201	5.934	ng	98
81) Benzo(a)anthracene	21.351	228	114506	3.907	ng	99
83) Chrysene	21.404	228	105170	3.704	ng	98
87) Indeno(1,2,3-cd)pyrene	26.298	276	83183	2.024	ng	97
88) Benzo(b)fluoranthene	23.039	252	167933	5.102	ng	# 95
90) Benzo(a)pyrene	23.668	252	114682	3.706	ng	# 97
92) Benzo(g,h,i)perylene	27.074	276	78906	2.258	ng	# 93

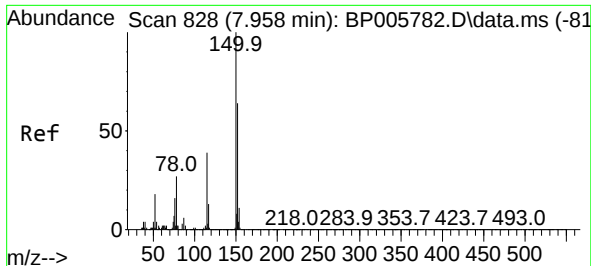
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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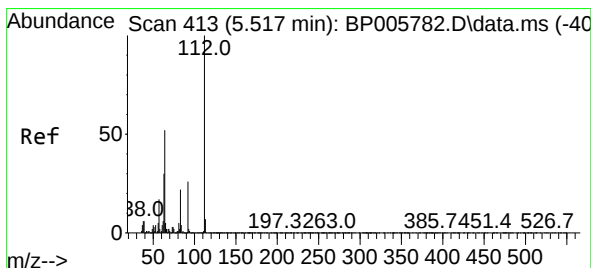
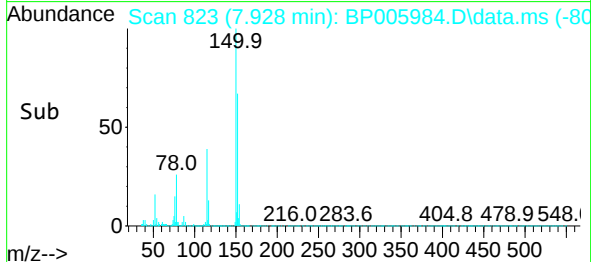
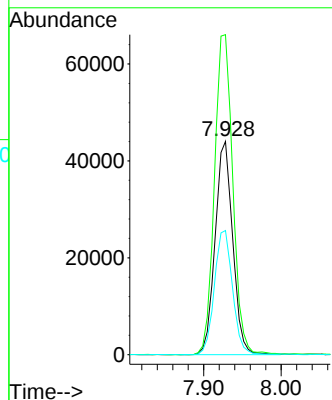
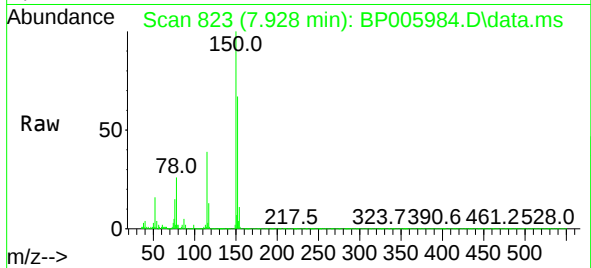




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

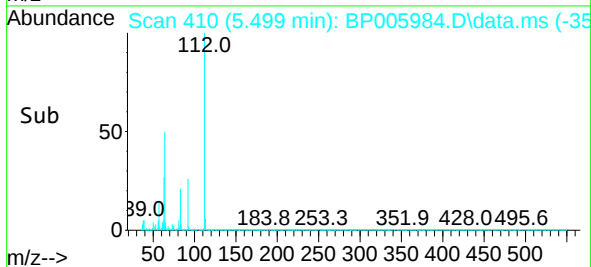
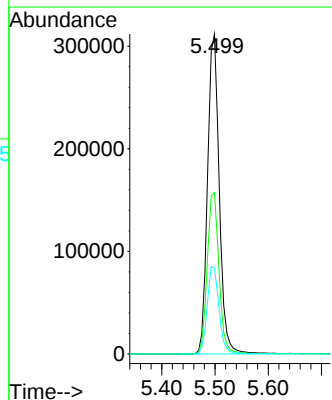
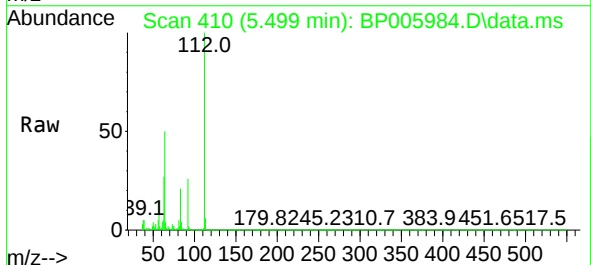
Instrument :
BNA_P
ClientSampleId :
PX-03_14.5-15.0

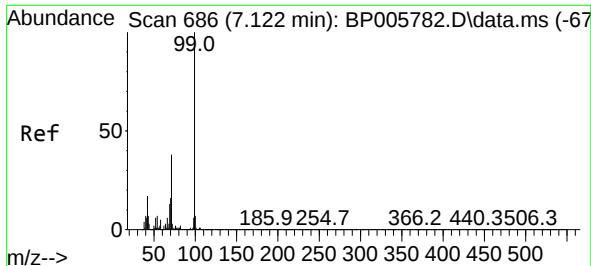
Tgt Ion:152 Resp: 69467
Ion Ratio Lower Upper
152 100
150 150.0 125.6 188.4
115 58.2 48.5 72.7



#5
2-Fluorophenol
Concen: 109.887 ng
RT: 5.499 min Scan# 410
Delta R.T. 0.000 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Tgt Ion:112 Resp: 475718
Ion Ratio Lower Upper
112 100
64 50.5 41.4 62.2
63 26.9 23.8 35.8

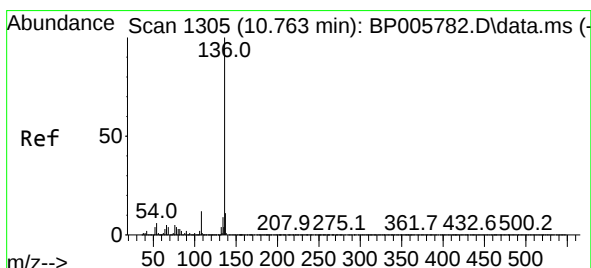
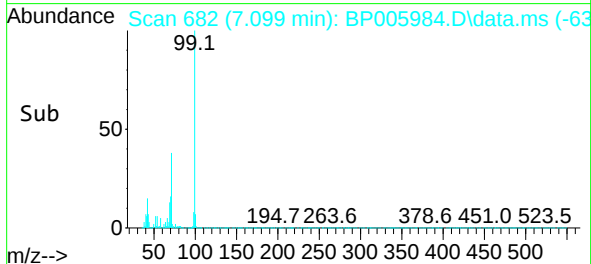
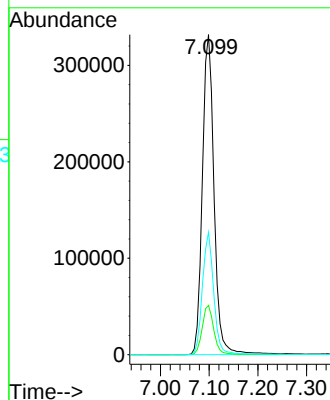
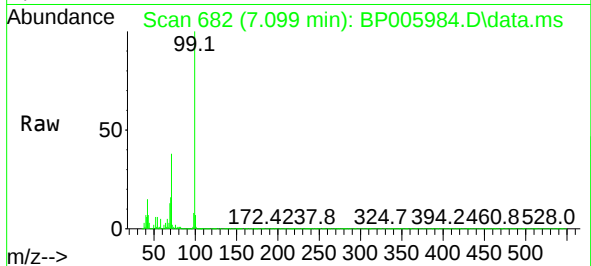




#7
Phenol-d6
Concen: 98.803 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

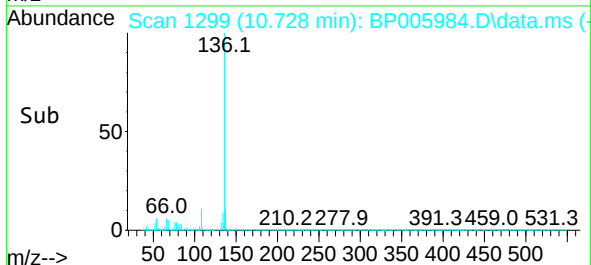
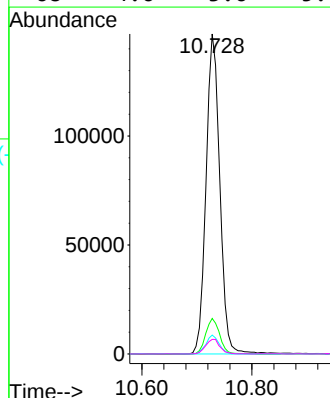
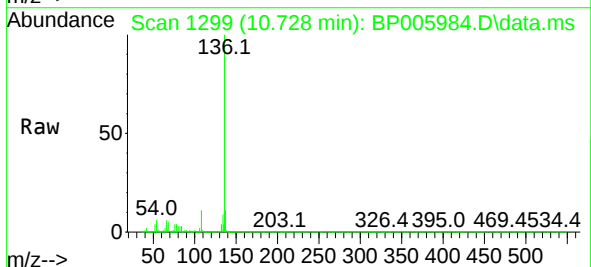
Instrument :
BNA_P
ClientSampleId :
PX-03_14.5-15.0

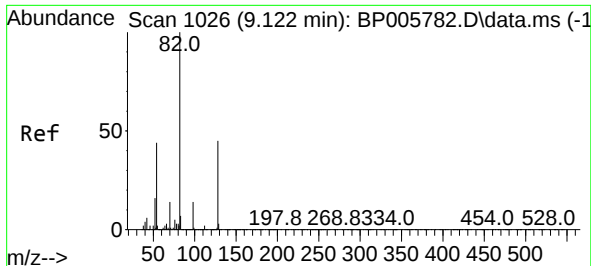
Tgt Ion: 99 Resp: 554408
Ion Ratio Lower Upper
99 100
42 15.4 13.4 20.0
71 38.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Tgt Ion: 136 Resp: 254952
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 5.9 4.6 6.8
68 4.6 3.6 5.4

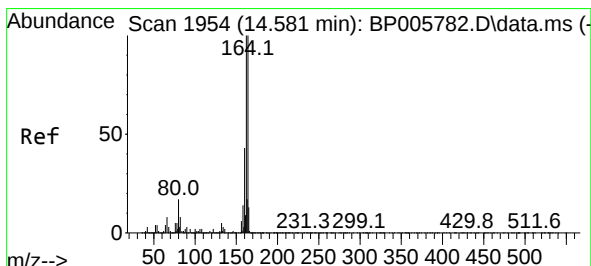
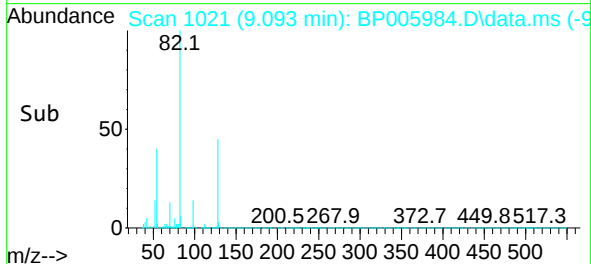
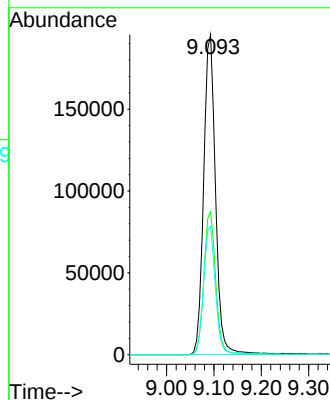
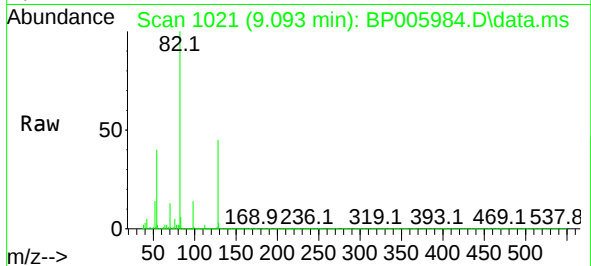




#23
Nitrobenzene-d5
Concen: 65.819 ng
RT: 9.093 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

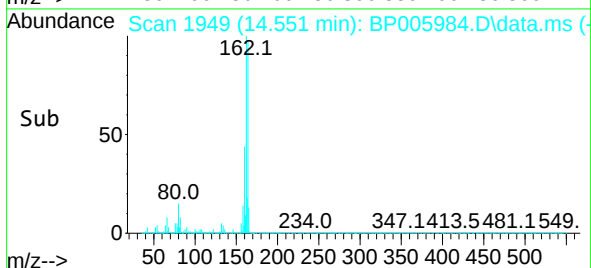
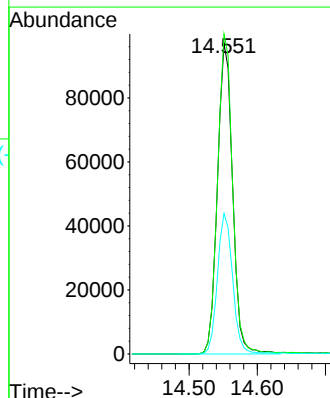
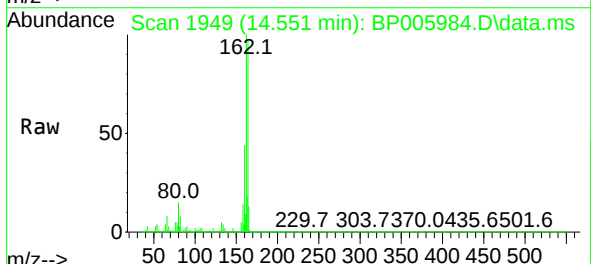
Instrument :
BNA_P
ClientSampleId :
PX-03_14.5-15.0

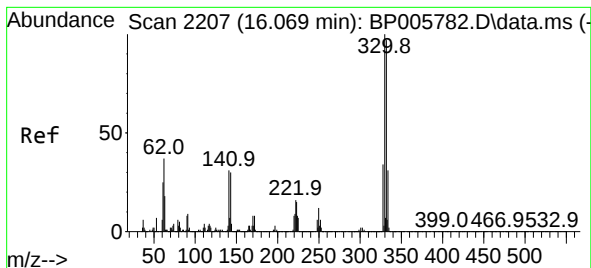
Tgt Ion: 82 Resp: 342274
Ion Ratio Lower Upper
82 100
128 44.6 35.7 53.5
54 40.0 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Tgt Ion: 164 Resp: 150382
Ion Ratio Lower Upper
164 100
162 103.0 80.2 120.2
160 45.2 34.5 51.7

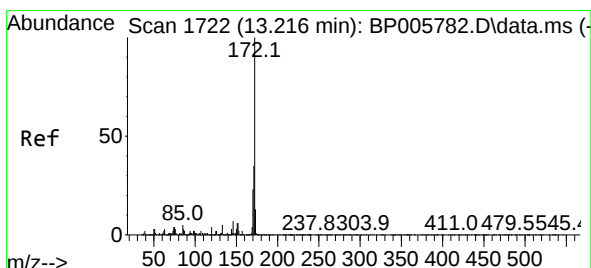
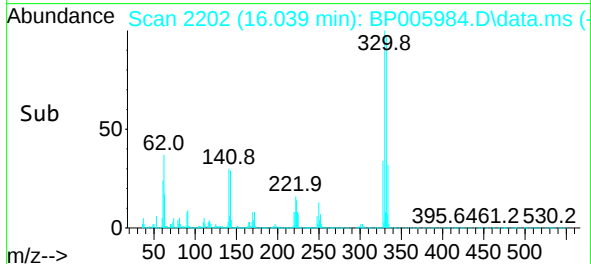
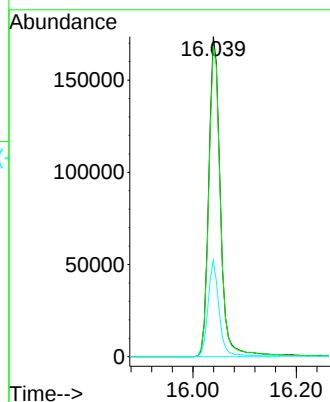
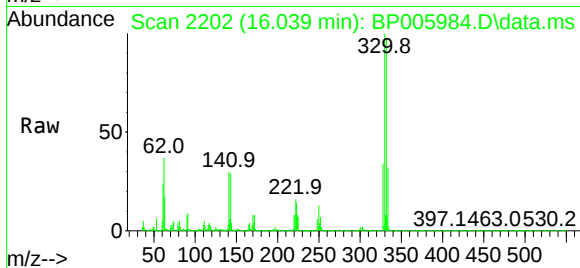




#42
2,4,6-Tribromophenol
Concen: 105.019 ng
RT: 16.039 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

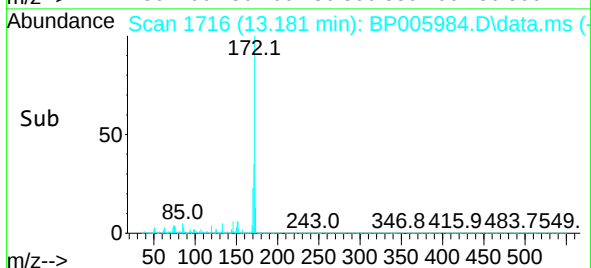
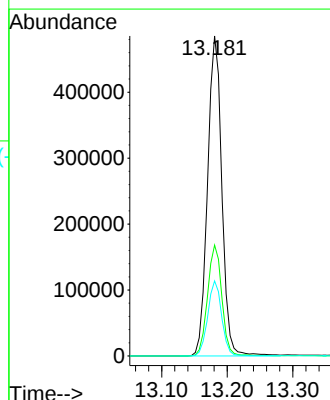
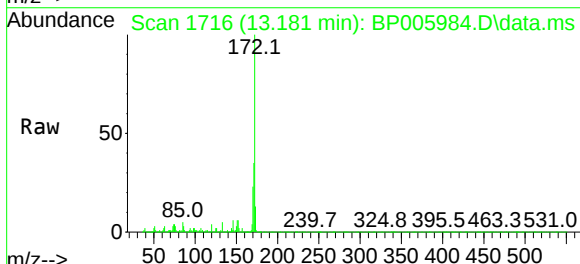
Instrument :
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ClientSampleId :
PX-03_14.5-15.0

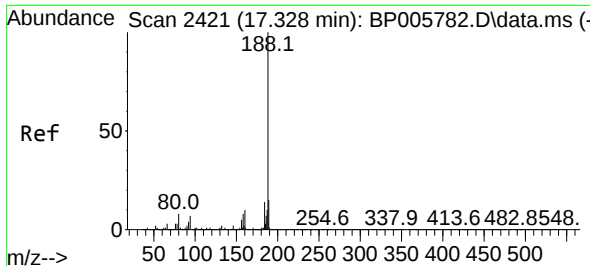
Tgt Ion:330 Resp: 271019
Ion Ratio Lower Upper
330 100
332 98.4 77.8 116.8
141 28.7 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 64.351 ng
RT: 13.181 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Tgt Ion:172 Resp: 736961
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.4 18.6 27.8

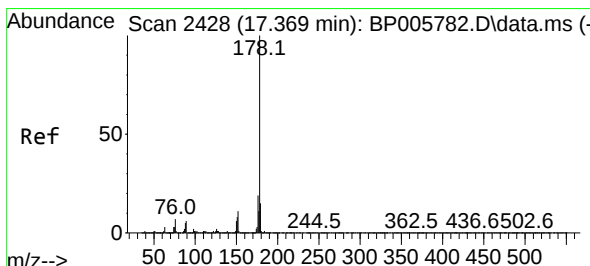
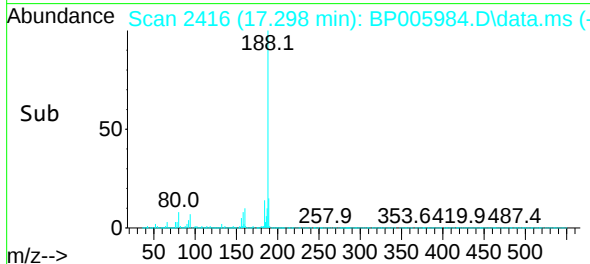
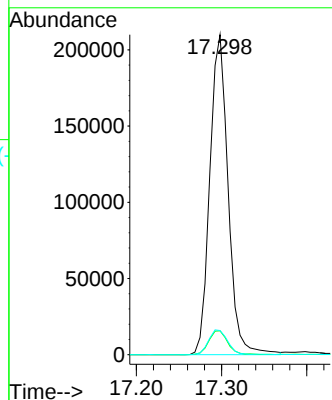
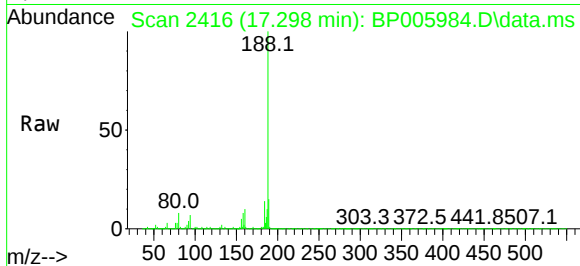




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

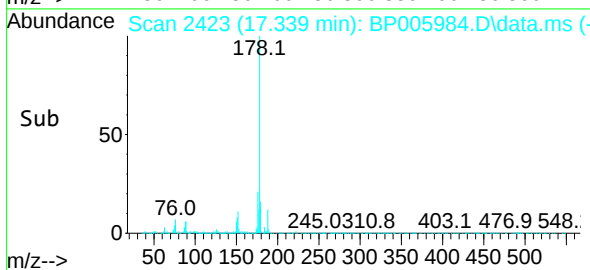
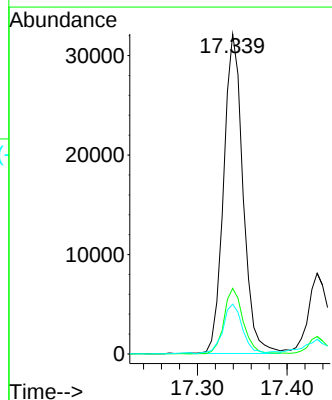
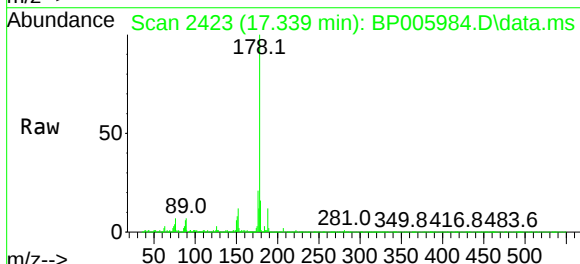
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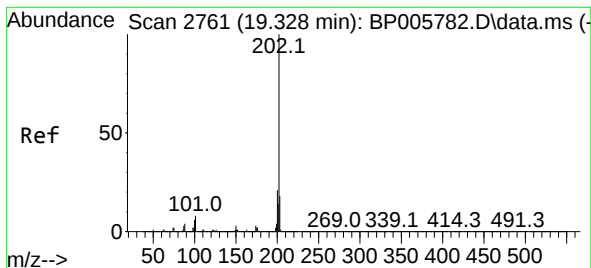
Tgt Ion:188 Resp: 313202
Ion Ratio Lower Upper
188 100
94 7.4 5.6 8.4
80 7.5 6.3 9.5



#71
Phenanthrene
Concen: 2.558 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Tgt Ion:178 Resp: 48105
Ion Ratio Lower Upper
178 100
176 20.5 15.1 22.7
179 15.5 12.4 18.6

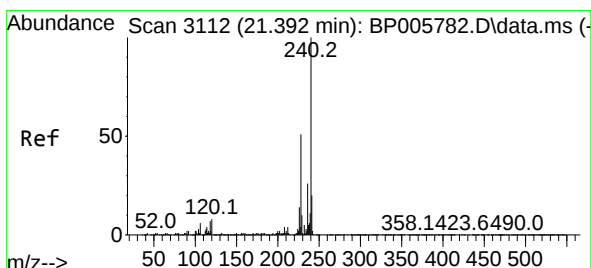
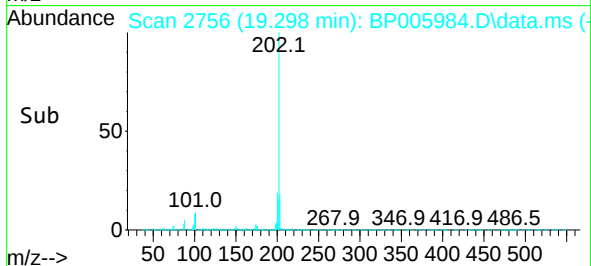
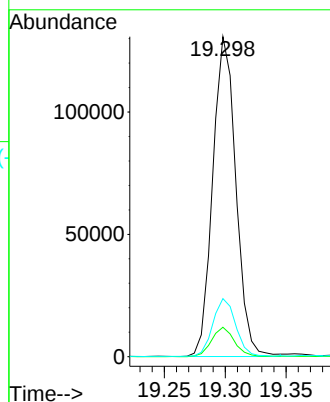
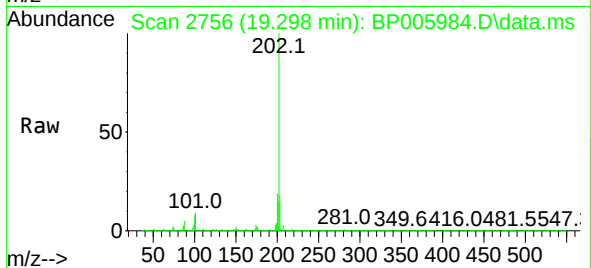




#75
Fluoranthene
Concen: 7.568 ng
RT: 19.298 min Scan# 2756
Delta R.T. -0.012 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

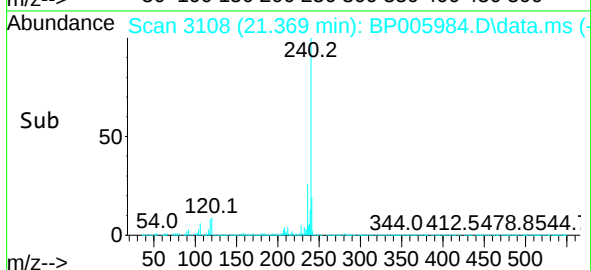
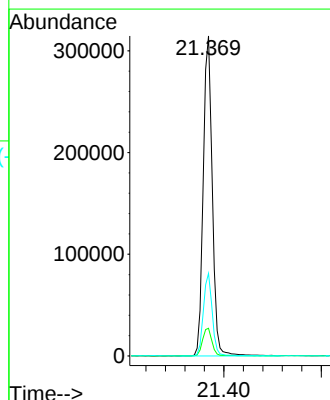
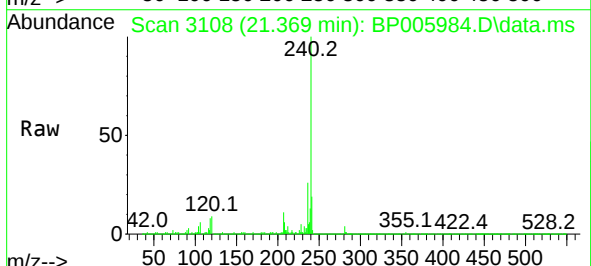
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ClientSampleId :
PX-03_14.5-15.0

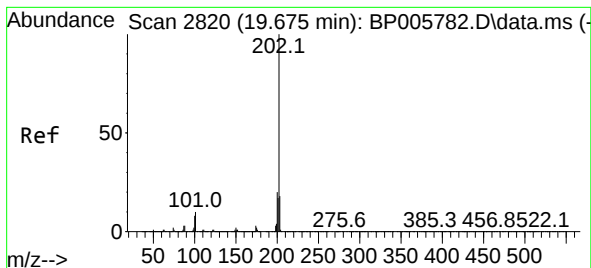
Tgt Ion:202 Resp: 172871
Ion Ratio Lower Upper
202 100
101 9.2 0.0 27.6
203 18.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.369 min Scan# 3108
Delta R.T. -0.012 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Tgt Ion:240 Resp: 406059
Ion Ratio Lower Upper
240 100
120 8.6 6.5 9.7
236 25.8 20.6 31.0





#78

Pyrene

Concen: 5.934 ng

RT: 19.651 min Scan# 2816

Delta R.T. -0.012 min

Lab File: BP005984.D

Acq: 18 Jun 2021 22:15

Instrument :

BNA_P

ClientSampleId :

PX-03 14.5-15.0

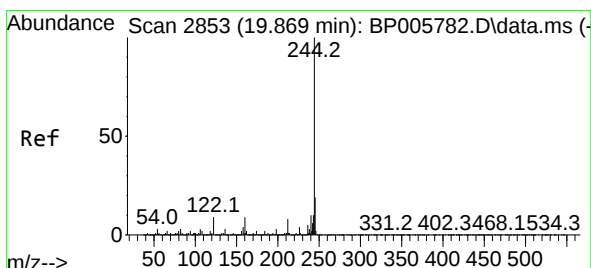
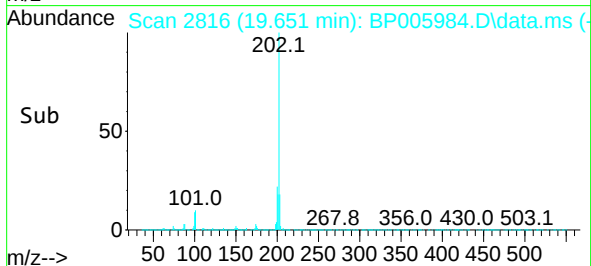
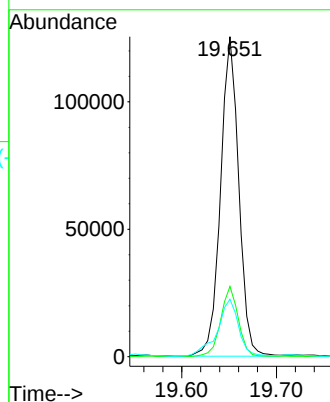
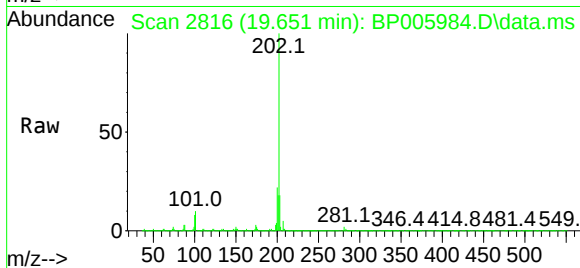
Tgt Ion:202 Resp: 168201

Ion Ratio Lower Upper

202 100

200 21.9 16.3 24.5

203 17.9 14.2 21.2



#79

Terphenyl-d14

Concen: 54.361 ng

RT: 19.845 min Scan# 2849

Delta R.T. -0.012 min

Lab File: BP005984.D

Acq: 18 Jun 2021 22:15

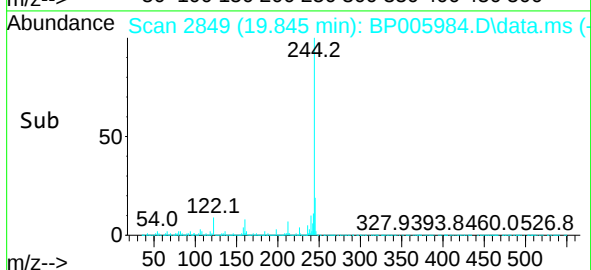
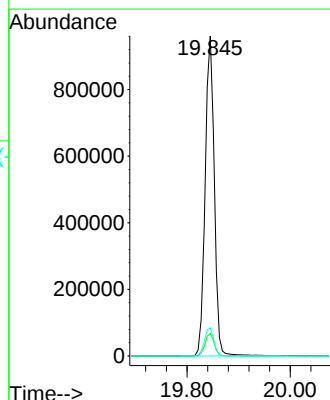
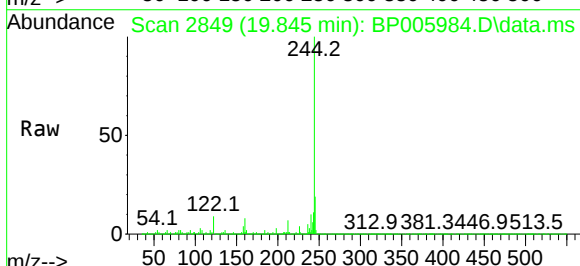
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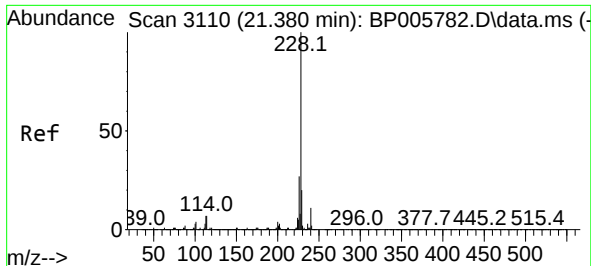
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 8.7 7.1 10.7

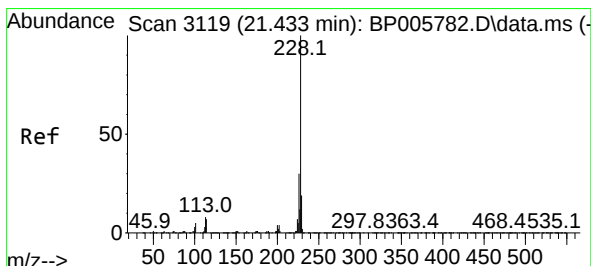
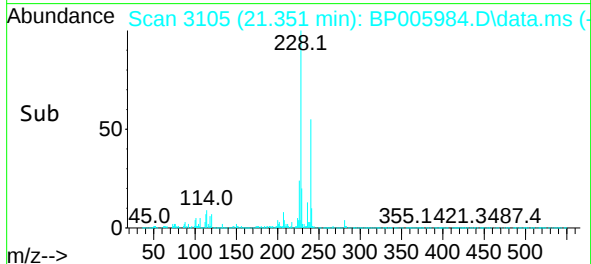
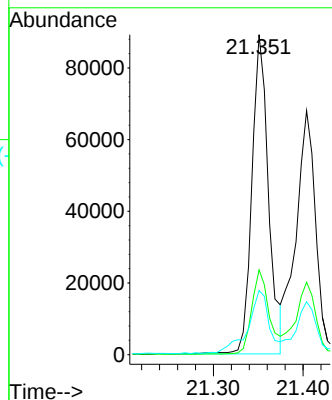
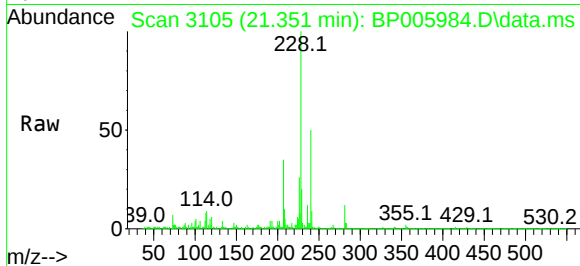




#81
Benzo(a)anthracene
Concen: 3.907 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

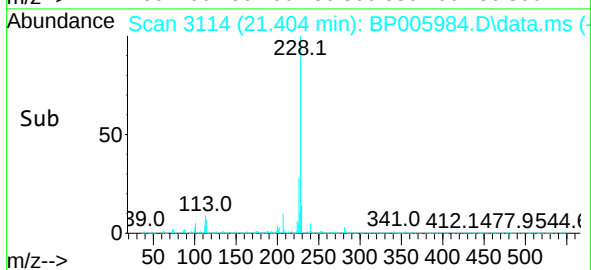
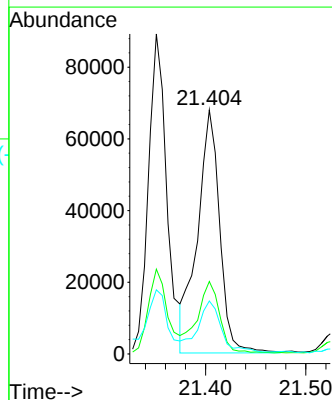
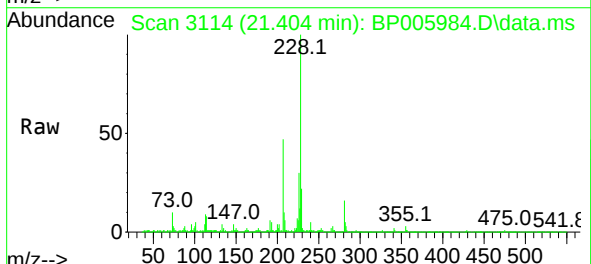
Instrument :
BNA_P
ClientSampleId :
PX-03_14.5-15.0

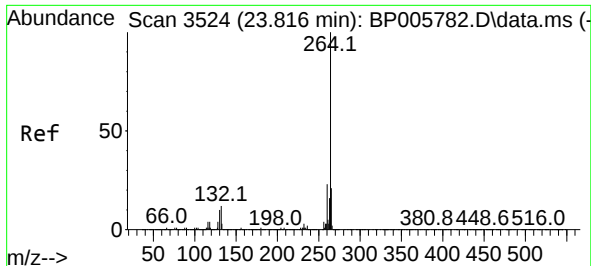
Tgt Ion:228 Resp: 114506
Ion Ratio Lower Upper
228 100
226 26.5 21.6 32.4
229 20.1 15.8 23.6



#83
Chrysene
Concen: 3.704 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Tgt Ion:228 Resp: 105170
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.6
229 21.7 15.4 23.2

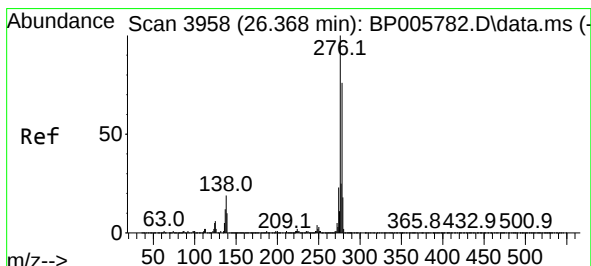
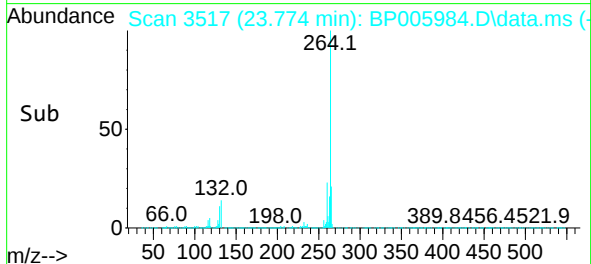
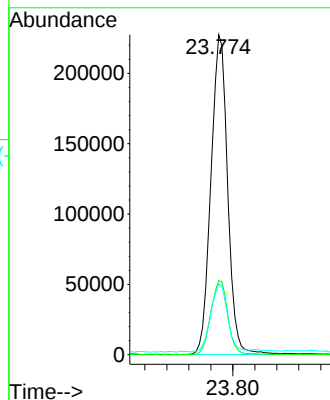
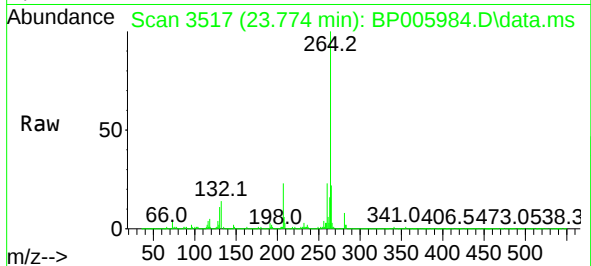




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3517
Delta R.T. -0.018 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

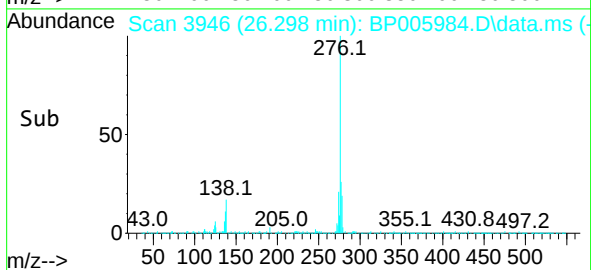
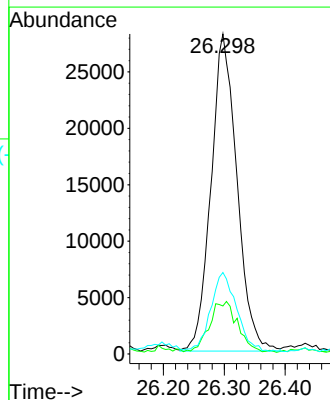
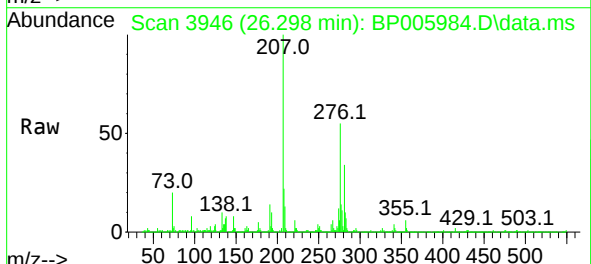
Instrument :
BNA_P
ClientSampleId :
PX-03_14.5-15.0

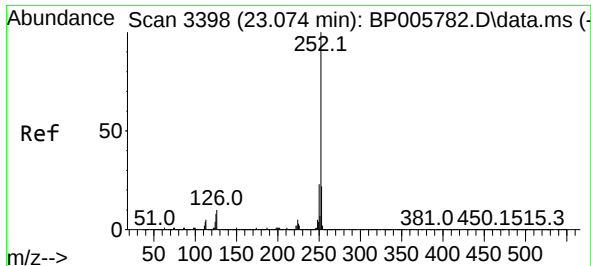
Tgt Ion:	264	Resp:	480544
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.6	28.0
265	22.1	17.6	26.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.024 ng
RT: 26.298 min Scan# 3946
Delta R.T. -0.041 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Tgt Ion:	276	Resp:	83183
Ion Ratio	Lower	Upper	
276	100		
138	17.2	15.3	22.9
277	24.6	20.4	30.6

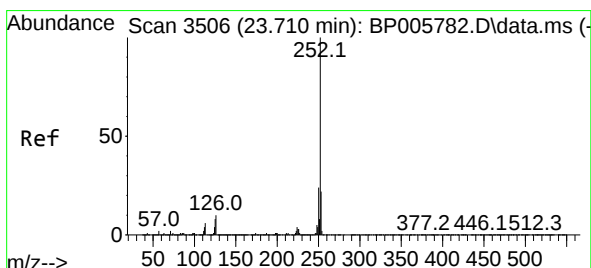
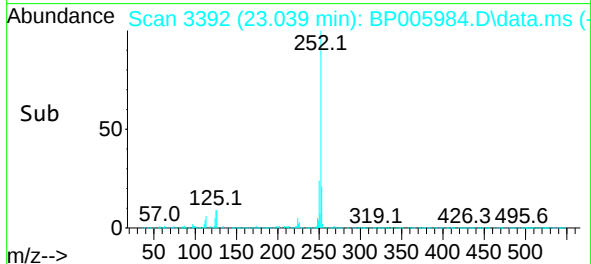
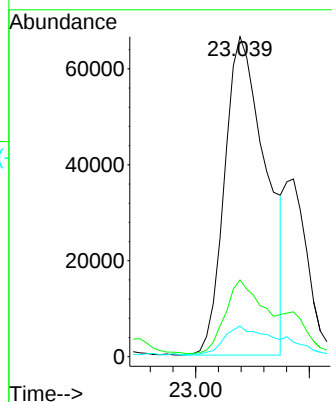
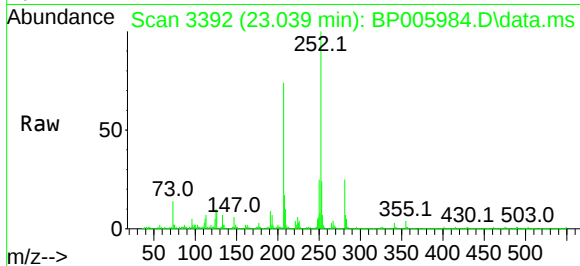




#88
Benzo(b)fluoranthene
Concen: 5.102 ng
RT: 23.039 min Scan# 3392
Delta R.T. -0.018 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

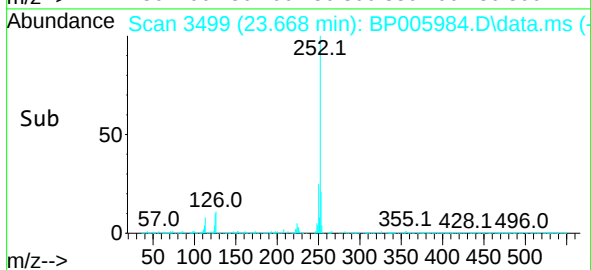
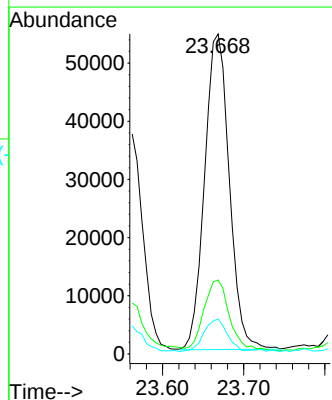
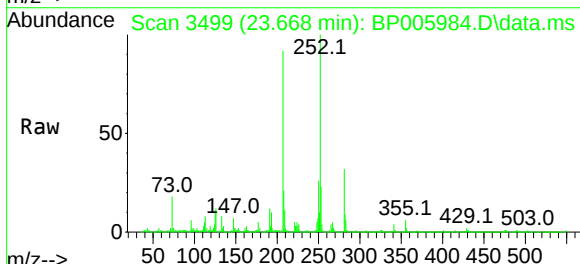
Instrument :
BNA_P
ClientSampleId :
PX-03_14.5-15.0

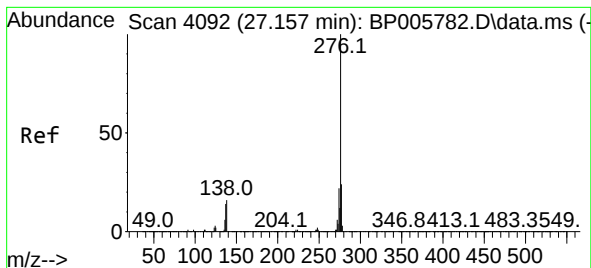
Tgt Ion:252 Resp: 167933
Ion Ratio Lower Upper
252 100
253 24.0 17.5 26.3
125 9.6 6.2 9.4#



#90
Benzo(a)pyrene
Concen: 3.706 ng
RT: 23.668 min Scan# 3499
Delta R.T. -0.018 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Tgt Ion:252 Resp: 114682
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 11.0 6.5 9.7#





#92
 Benzo(g,h,i)perylene
 Concen: 2.258 ng
 RT: 27.074 min Scan# 4078
 Delta R.T. -0.047 min
 Lab File: BP005984.D
 Acq: 18 Jun 2021 22:15

Instrument :
 BNA_P
 ClientSampleId :
 PX-03_14.5-15.0

Tgt Ion: 276 Resp: 78906
 Ion Ratio Lower Upper
 276 100
 277 26.2 18.9 28.3
 138 19.4 12.6 18.8#

