

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
 Data File : BP005206.D
 Acq On : 06 Apr 2021 20:33
 Operator : CG/JU
 Sample : M1924-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NB-07-040221

Quant Time: Apr 07 00:31:15 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 06 12:33:08 2021
 Response via : Initial Calibration

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

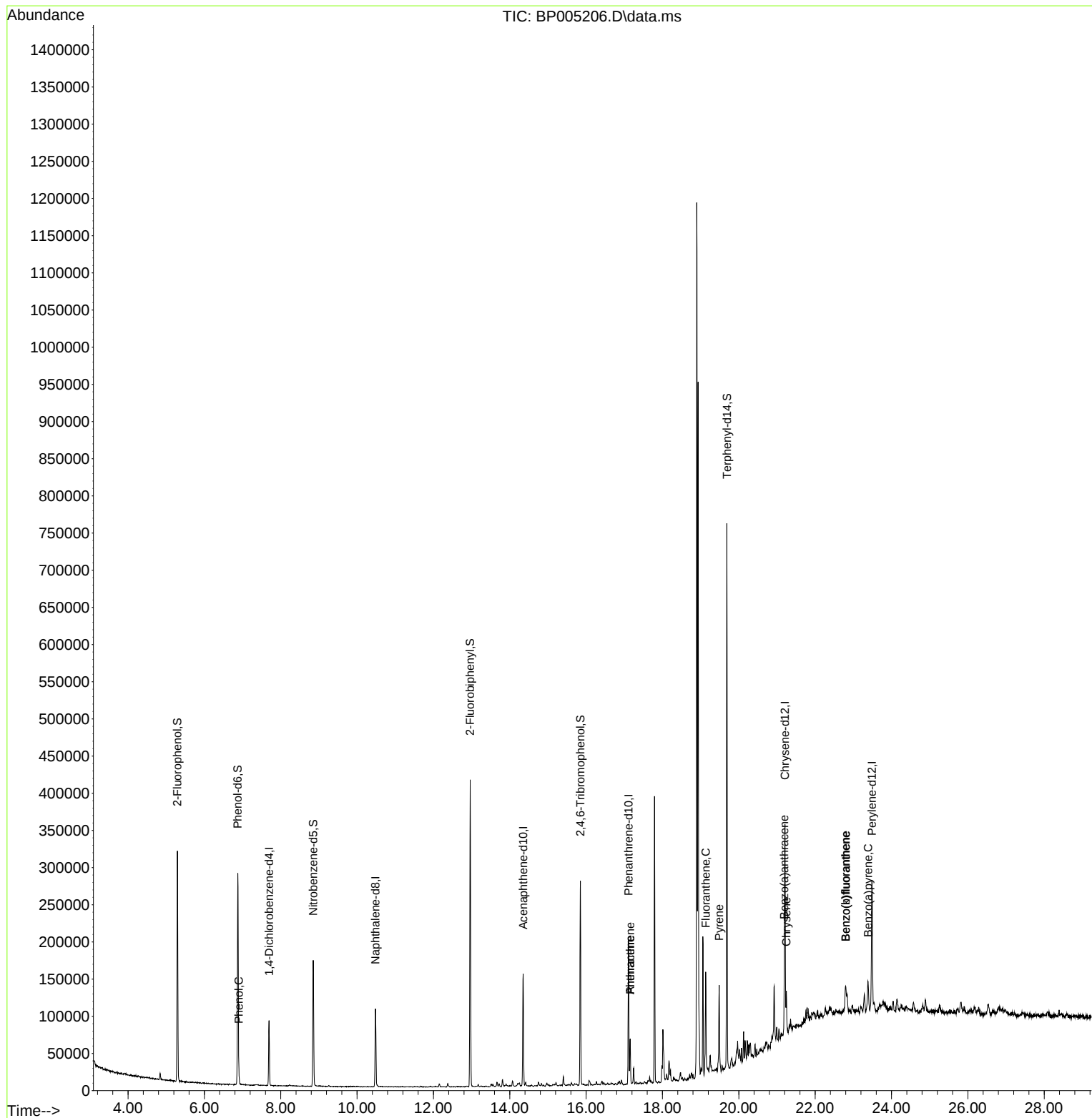
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	22689	20.00	ng	# 0.00
21) Naphthalene-d8	10.481	136	83269	20.00	ng	# 0.00
39) Acenaphthene-d10	14.351	164	50074	20.00	ng	0.00
64) Phenanthrene-d10	17.110	188	107601	20.00	ng	# 0.00
76) Chrysene-d12	21.210	240	116142	20.00	ng	0.00
86) Perylene-d12	23.486	264	123531	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	127110	86.21	ng	0.00
7) Phenol-d6	6.875	99	163835	77.58	ng	0.00
23) Nitrobenzene-d5	8.852	82	104993	54.10	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	46731	71.63	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	200605	54.19	ng	0.00
79) Terphenyl-d14	19.686	244	307806	48.25	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.905	94	6718	3.10	ng	93
71) Phenanthrene	17.157	178	37646	6.03	ng	99
72) Anthracene	17.157	178	37646	6.18	ng	99
75) Fluoranthene	19.133	202	50797	6.92	ng	96
78) Pyrene	19.486	202	65927	8.26	ng	98
81) Benzo(a)anthracene	21.192	228	30295	3.84	ng	94
83) Chrysene	21.245	228	28744	3.71	ng	95
88) Benzo(b)fluoranthene	22.798	252	31868	3.63	ng	# 92
89) Benzo(k)fluoranthene	22.798	252	31868	3.79	ng	# 92
90) Benzo(a)pyrene	23.386	252	26538	3.37	ng	98

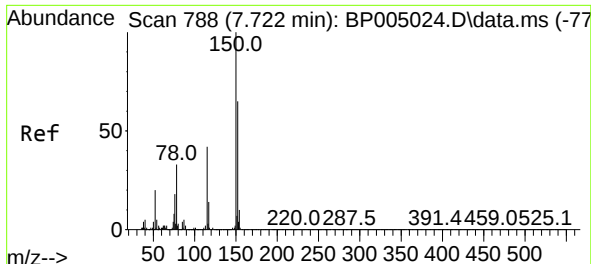
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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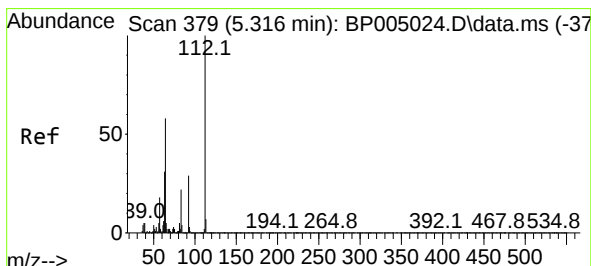
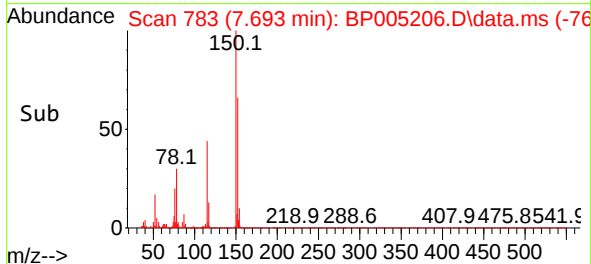
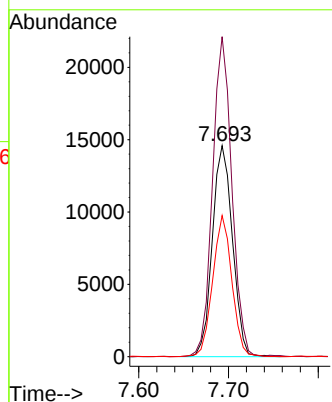
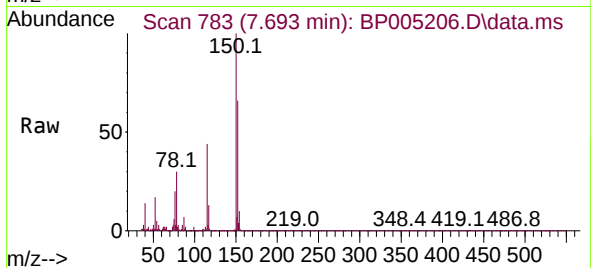




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

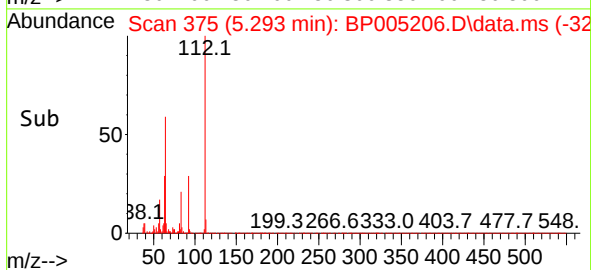
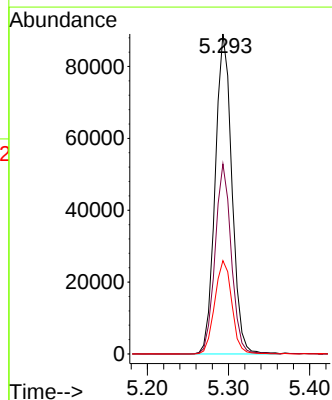
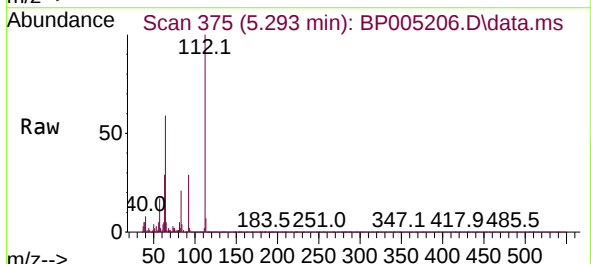
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NB-07-040221

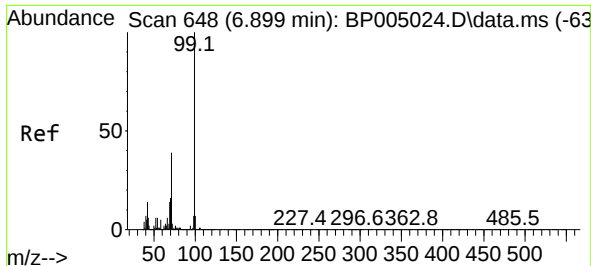
Tgt Ion:152 Resp: 22689
Ion Ratio Lower Upper
152 100
150 151.7 123.8 185.6
115 66.9 43.8 65.6#



#5
2-Fluorophenol
Concen: 86.21 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.000 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

Tgt Ion:112 Resp: 127110
Ion Ratio Lower Upper
112 100
64 59.4 32.8 49.2#
63 29.1 17.0 25.4#

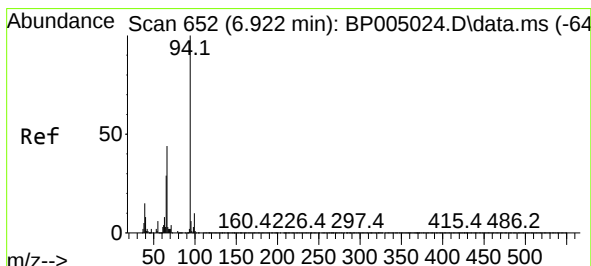
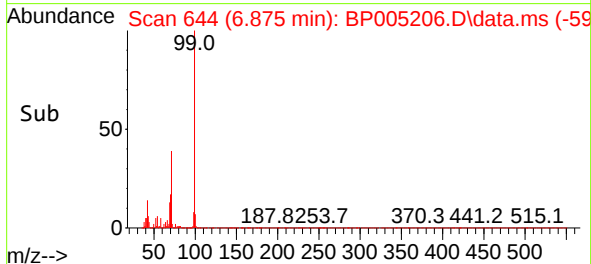
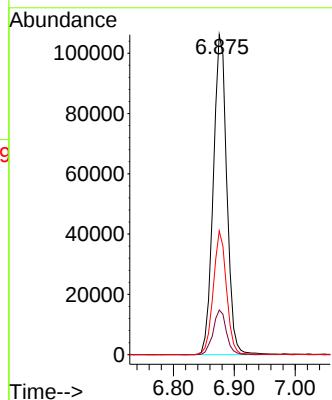
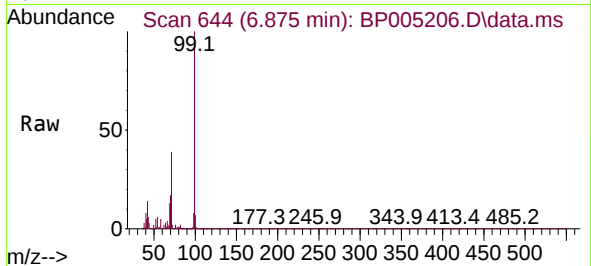




#7
Phenol-d6
Concen: 77.58 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

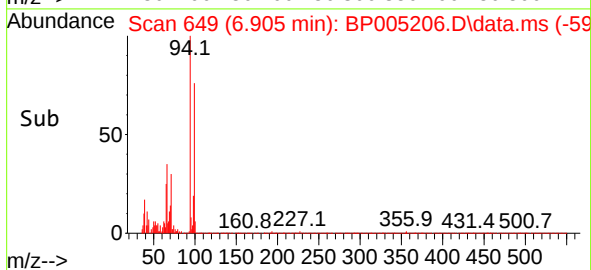
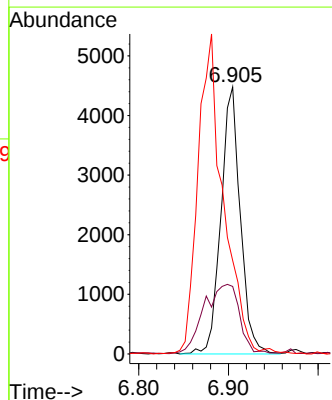
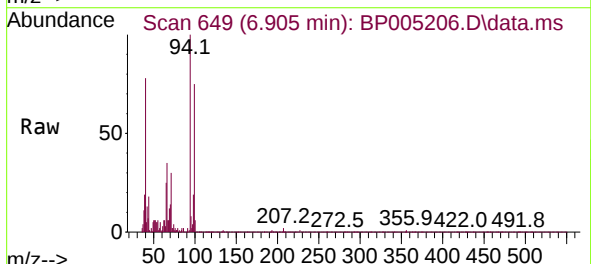
Instrument :
BNA_P
ClientSampleId :
NB-07-040221

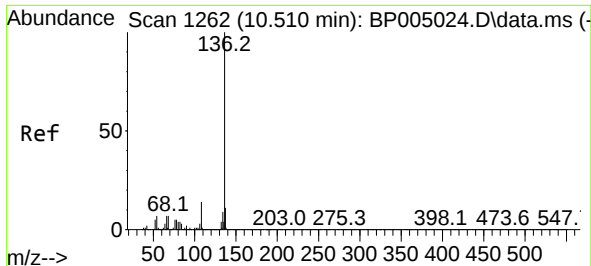
Tgt Ion: 99 Resp: 163835
Ion Ratio Lower Upper
99 100
42 13.9 8.6 13.0#
71 38.7 23.4 35.2#



#10
Phenol
Concen: 3.10 ng
RT: 6.905 min Scan# 649
Delta R.T. 0.000 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

Tgt Ion: 94 Resp: 6718
Ion Ratio Lower Upper
94 100
65 25.3 2.3 42.3
66 35.0 10.9 50.9

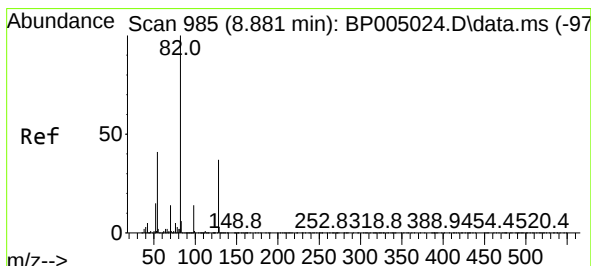
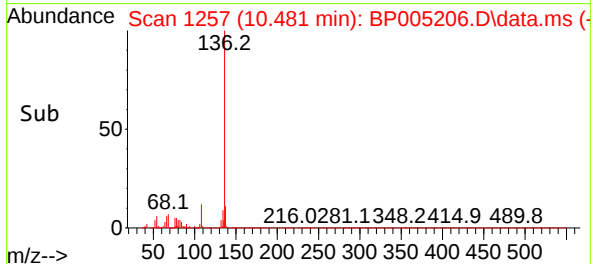
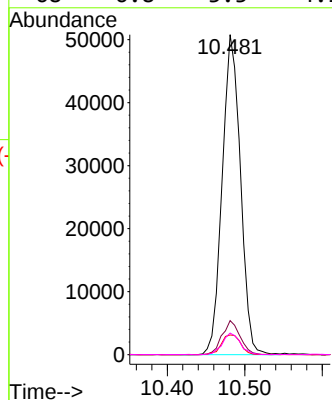
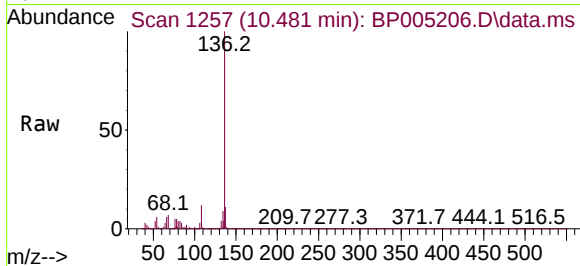




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

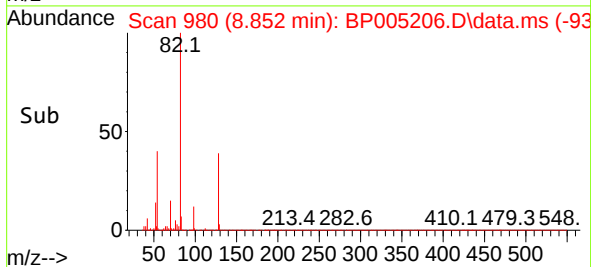
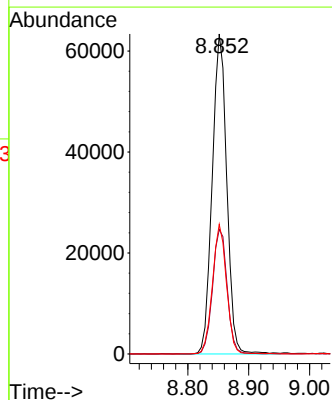
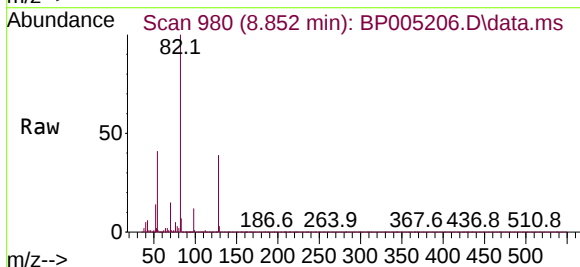
Instrument :
BNA_P
ClientSampleId :
NB-07-040221

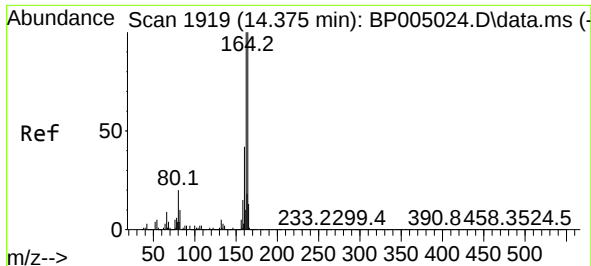
Tgt Ion:	136	Resp:	83269
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	6.2	3.6	5.4#
68	6.8	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 54.10 ng
RT: 8.852 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

Tgt Ion:	82	Resp:	104993
Ion Ratio	Lower	Upper	
82	100		
128	38.9	45.6	68.4#
54	40.5	30.1	45.1

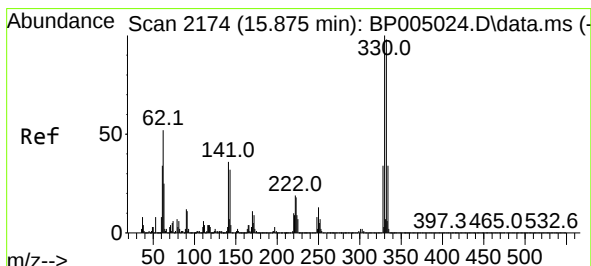
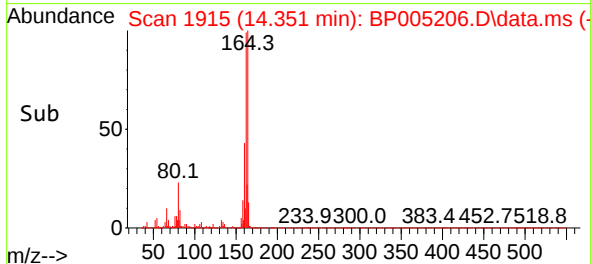
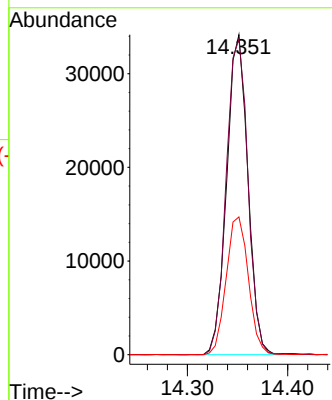
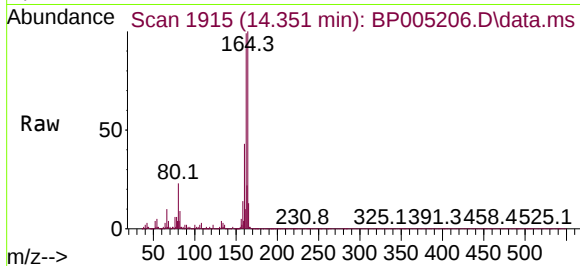




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

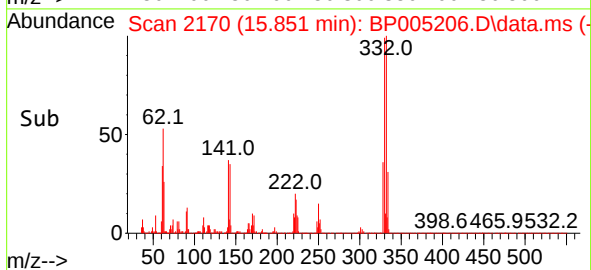
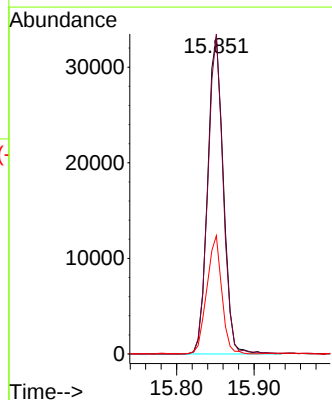
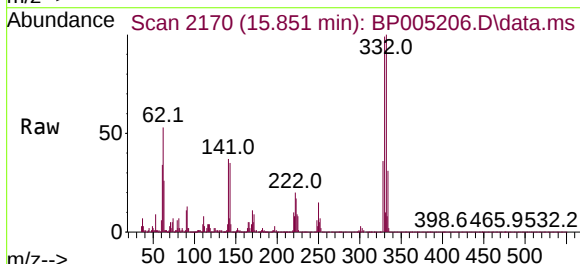
Instrument :
BNA_P
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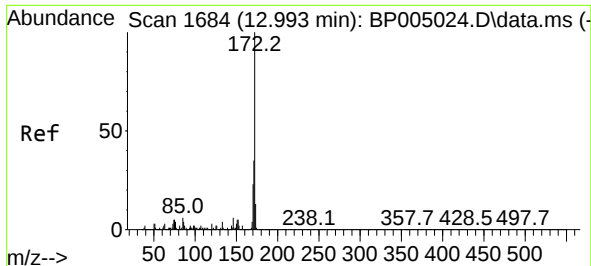
Tgt Ion:164 Resp: 50074
Ion Ratio Lower Upper
164 100
162 98.6 79.4 119.2
160 43.0 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 71.63 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

Tgt Ion:330 Resp: 46731
Ion Ratio Lower Upper
330 100
332 98.0 77.1 115.7
141 35.3 23.4 35.2#

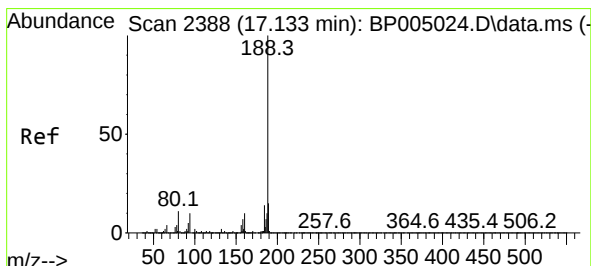
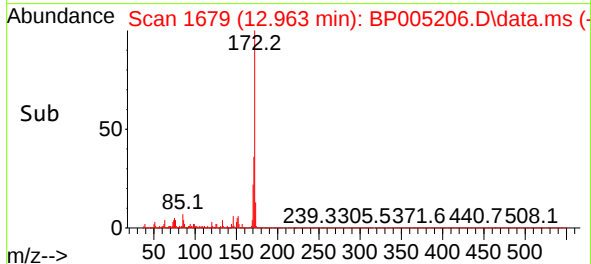
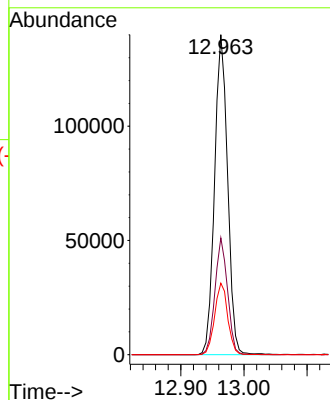
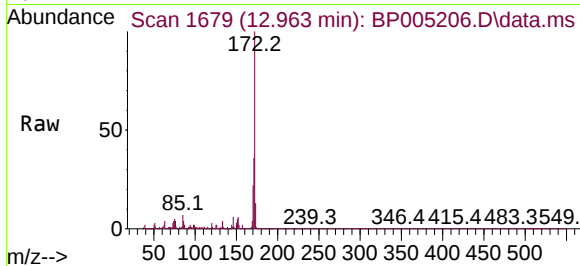




#45
2-Fluorobiphenyl
Concen: 54.19 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

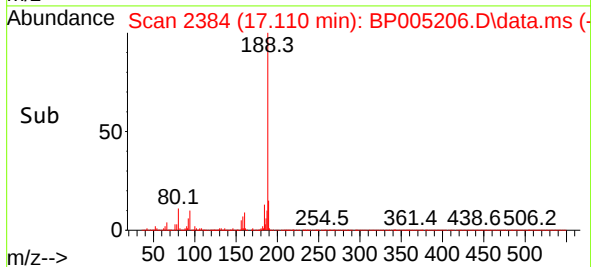
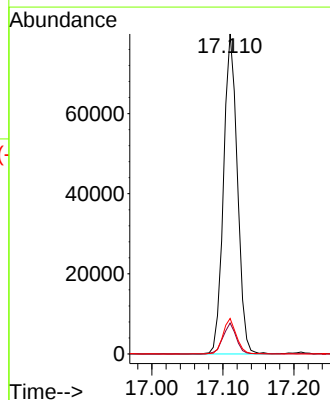
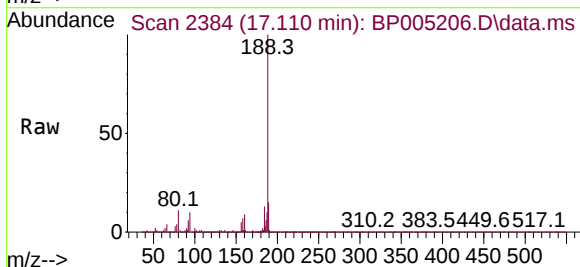
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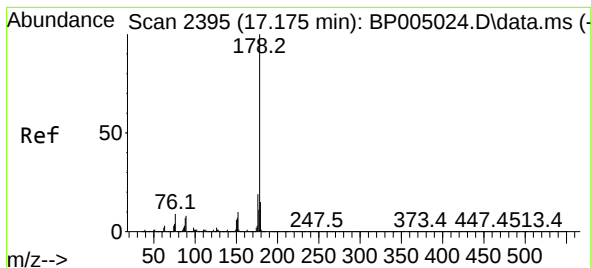
Tgt Ion:172 Resp: 200605
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 22.3 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

Tgt Ion:188 Resp: 107601
Ion Ratio Lower Upper
188 100
94 9.6 6.2 9.2#
80 11.1 6.2 9.2#





#71

Phenanthrene

Concen: 6.03 ng

RT: 17.157 min Scan# 2392

Delta R.T. 0.000 min

Lab File: BP005206.D

Acq: 06 Apr 2021 20:33

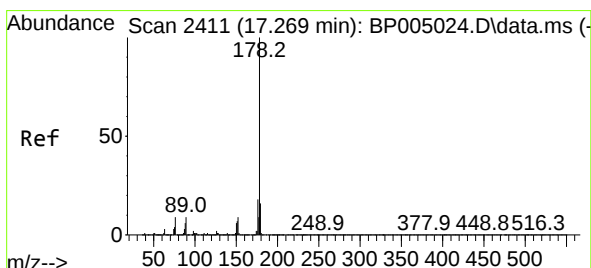
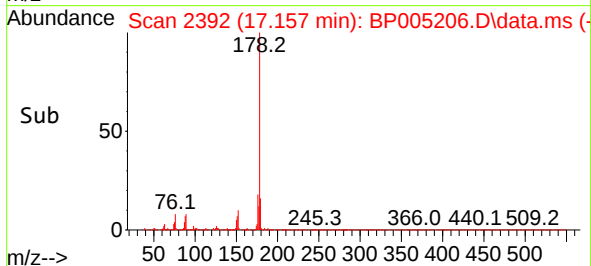
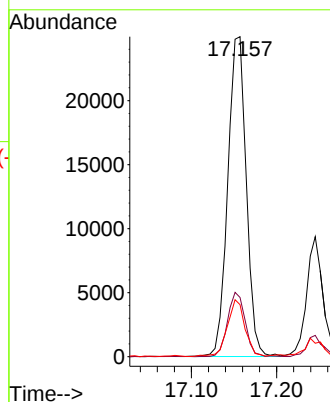
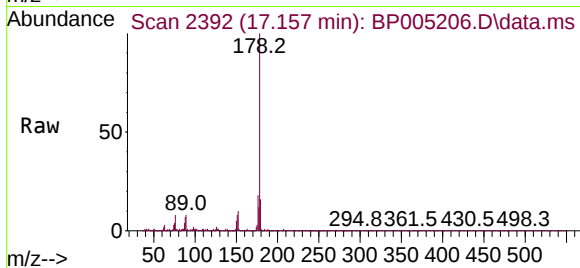
Tgt Ion:178	Resp:	37646
Ion Ratio	Lower	Upper
178	100	
176	18.5	15.3 22.9
179	16.2	12.5 18.7

Instrument :

BNA_P

ClientSampleId :

NB-07-040221



#72

Anthracene

Concen: 6.18 ng

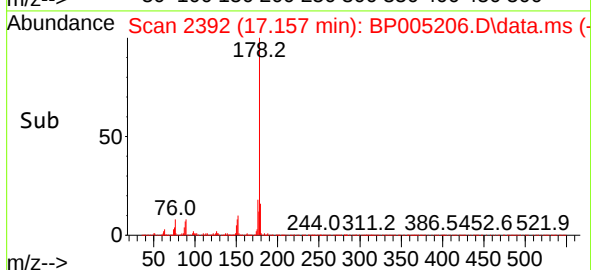
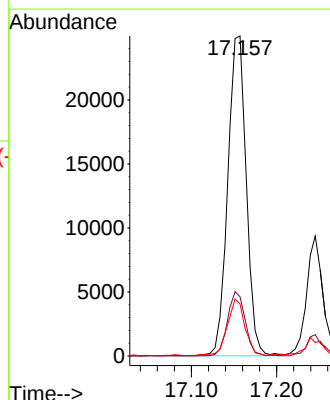
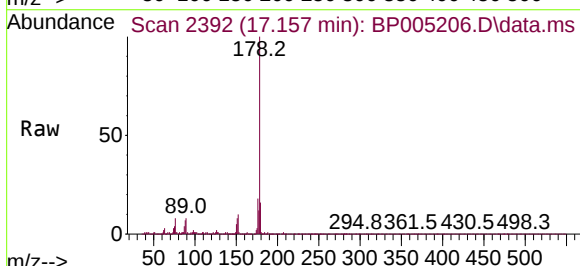
RT: 17.157 min Scan# 2392

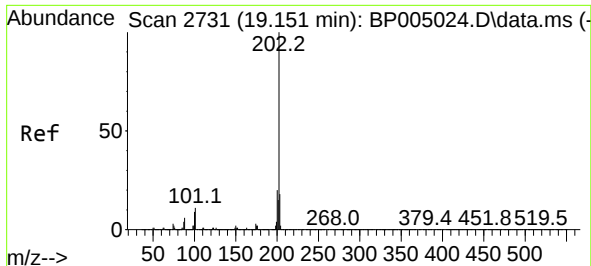
Delta R.T. -0.094 min

Lab File: BP005206.D

Acq: 06 Apr 2021 20:33

Tgt Ion:178	Resp:	37646
Ion Ratio	Lower	Upper
178	100	
176	18.5	15.0 22.4
179	16.2	12.5 18.7

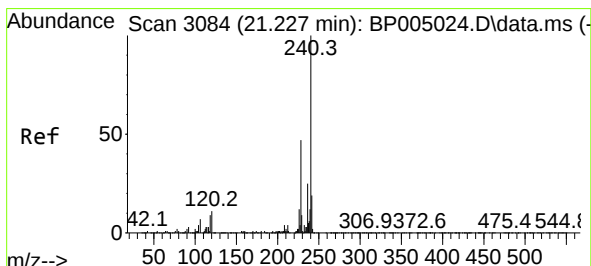
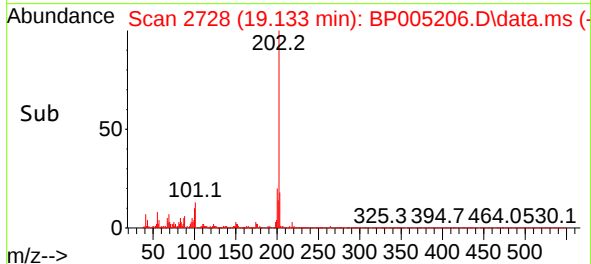
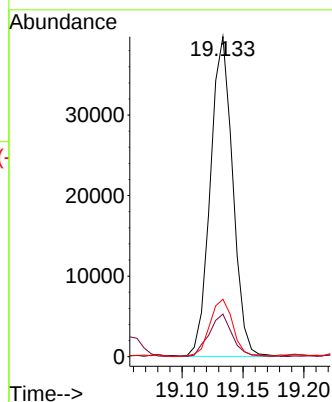
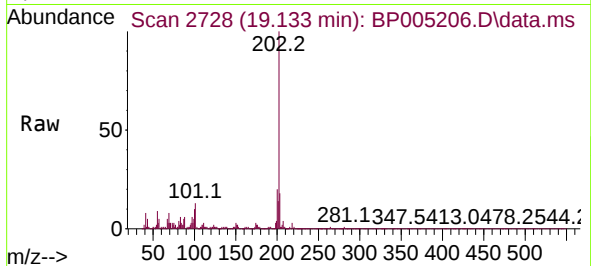




#75
Fluoranthene
Concen: 6.92 ng
RT: 19.133 min Scan# 2728
Delta R.T. 0.000 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

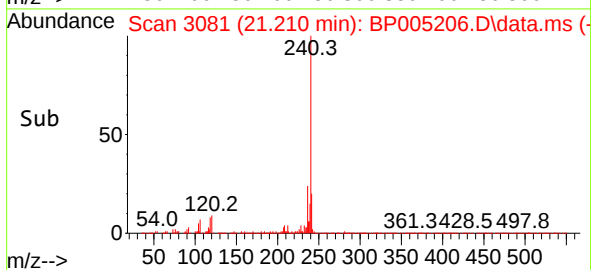
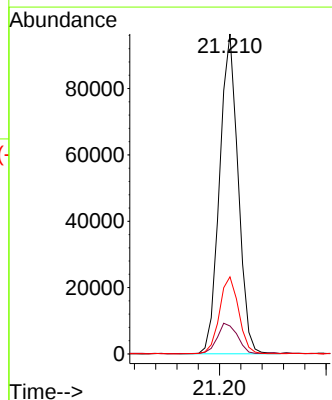
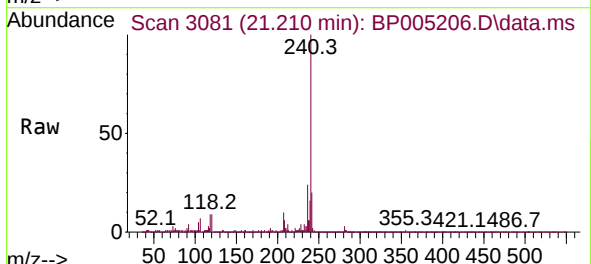
Instrument :
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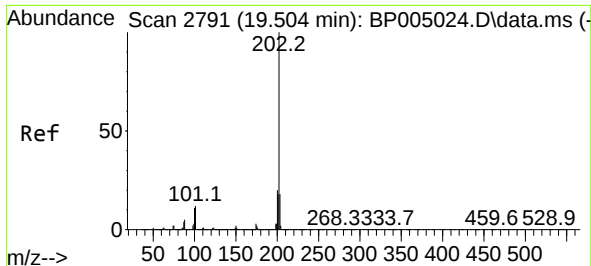
Tgt Ion:	202	Resp:	50797
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	29.4
203	18.0	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

Tgt Ion:	240	Resp:	116142
Ion Ratio	Lower	Upper	
240	100		
120	8.8	7.8	11.6
236	24.1	20.8	31.2

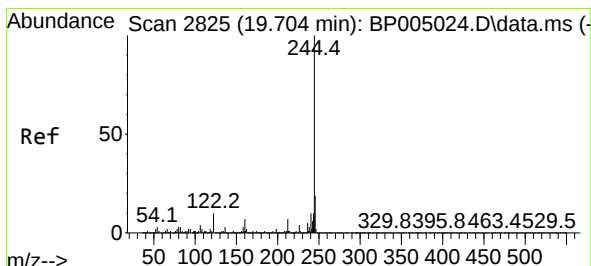
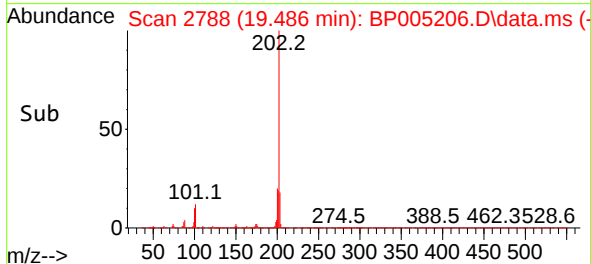
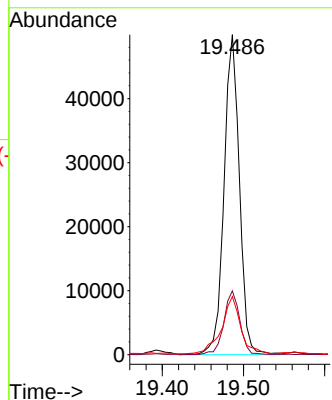
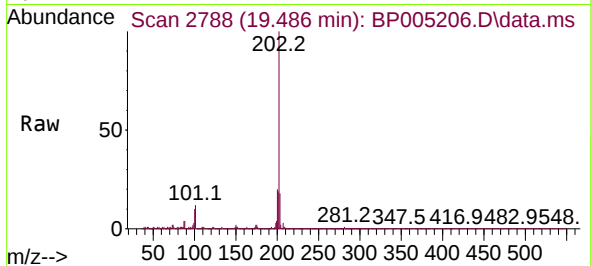




#78
Pyrene
Concen: 8.26 ng
RT: 19.486 min Scan# 2788
Delta R.T. 0.000 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

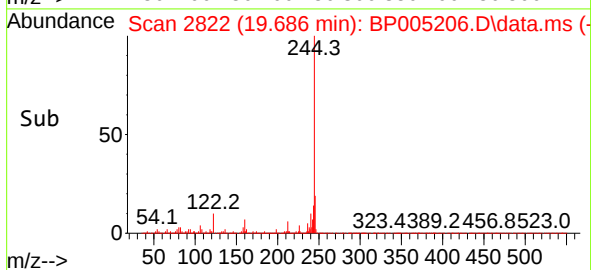
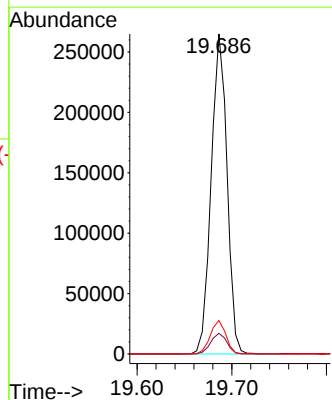
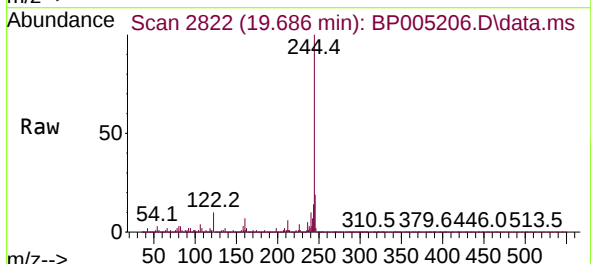
Instrument :
BNA_P
ClientSampleId :
NB-07-040221

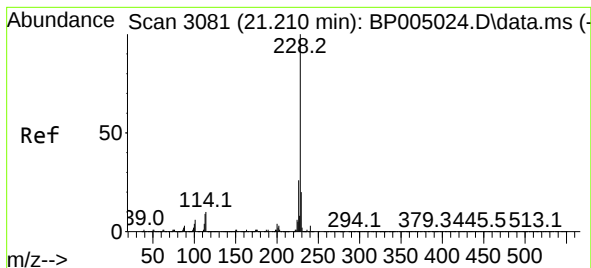
Tgt Ion:202 Resp: 65927
Ion Ratio Lower Upper
202 100
200 19.9 17.1 25.7
203 18.1 14.2 21.2



#79
Terphenyl-d14
Concen: 48.25 ng
RT: 19.686 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

Tgt Ion:244 Resp: 307806
Ion Ratio Lower Upper
244 100
212 6.4 5.8 8.6
122 10.5 7.8 11.8





#81

Benzo(a)anthracene

Concen: 3.84 ng

RT: 21.192 min Scan# 3078

Delta R.T. -0.006 min

Lab File: BP005206.D

Acq: 06 Apr 2021 20:33

Tgt Ion:228 Resp: 30295

Ion Ratio Lower Upper

228 100

226 30.8 22.1 33.1

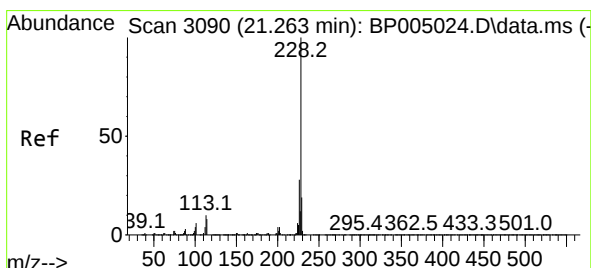
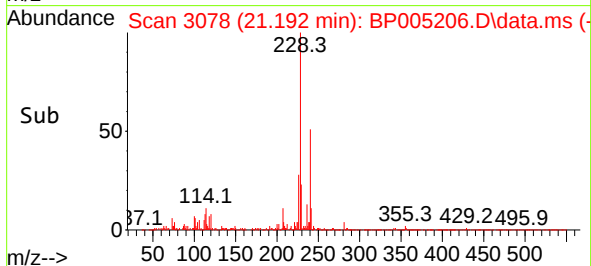
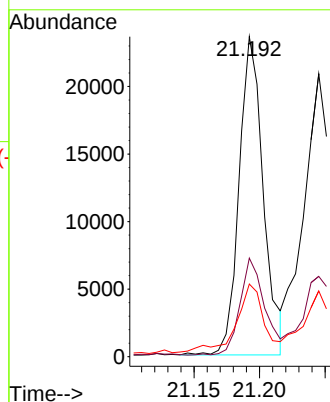
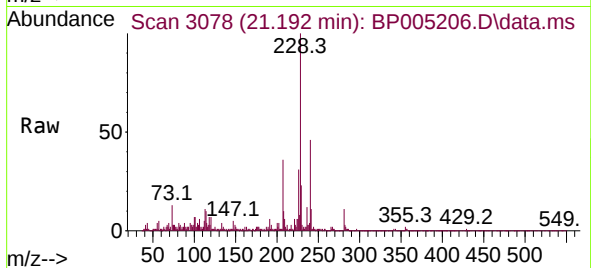
229 22.7 15.9 23.9

Instrument :

BNA_P

ClientSampleId :

NB-07-040221



#83

Chrysene

Concen: 3.71 ng

RT: 21.245 min Scan# 3087

Delta R.T. -0.006 min

Lab File: BP005206.D

Acq: 06 Apr 2021 20:33

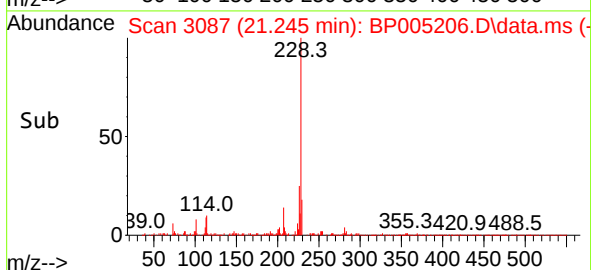
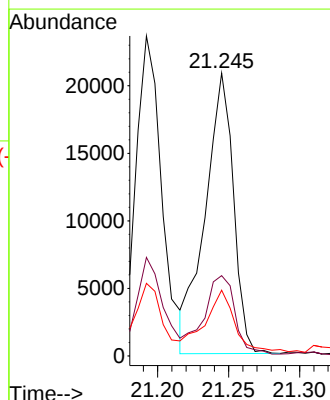
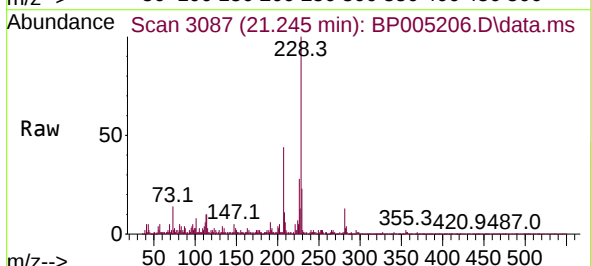
Tgt Ion:228 Resp: 28744

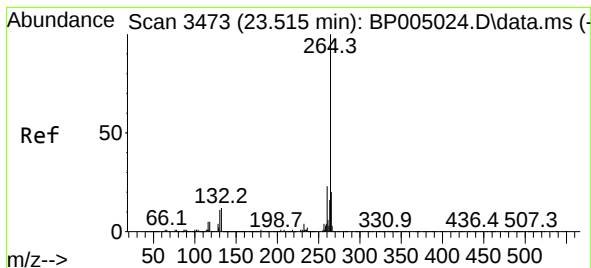
Ion Ratio Lower Upper

228 100

226 28.4 24.4 36.6

229 23.2 15.8 23.6





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.486 min Scan# 3468

Delta R.T. -0.006 min

Lab File: BP005206.D

Acq: 06 Apr 2021 20:33

Instrument :

BNA_P

ClientSampleId :

NB-07-040221

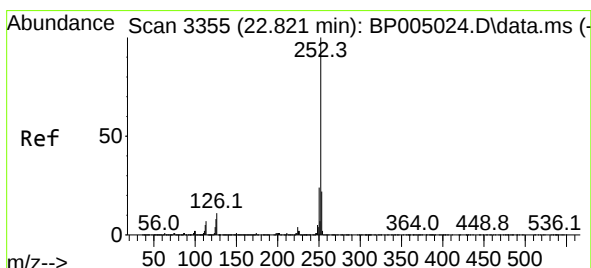
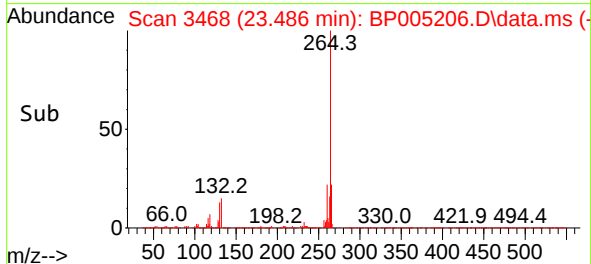
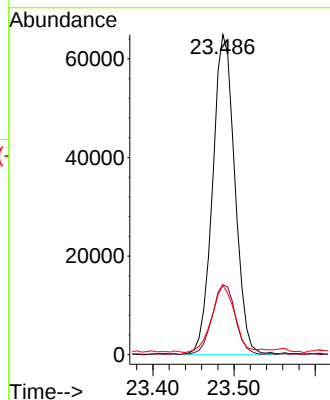
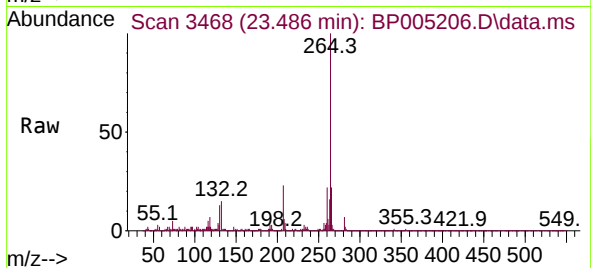
Tgt Ion:264 Resp: 123531

Ion Ratio Lower Upper

264 100

260 21.9 18.8 28.2

265 21.7 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 3.63 ng

RT: 22.798 min Scan# 3351

Delta R.T. -0.006 min

Lab File: BP005206.D

Acq: 06 Apr 2021 20:33

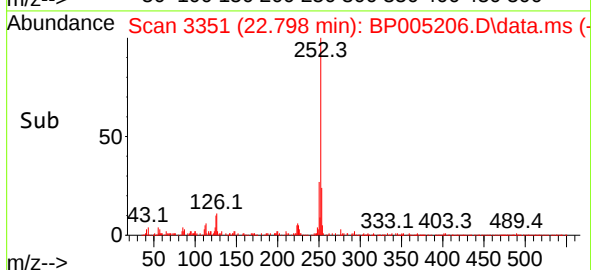
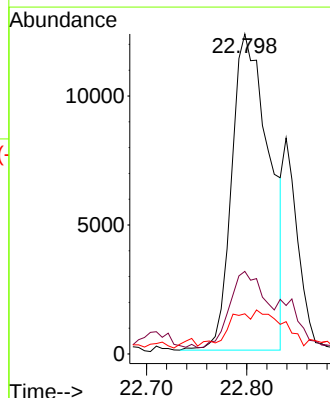
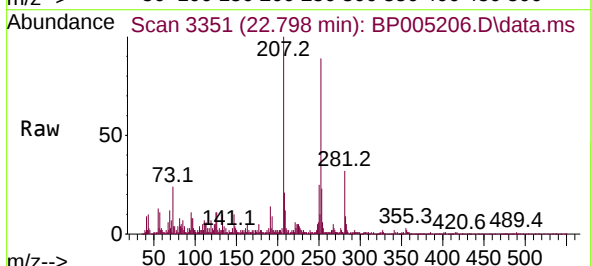
Tgt Ion:252 Resp: 31868

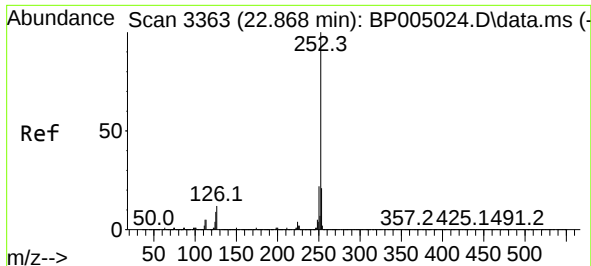
Ion Ratio Lower Upper

252 100

253 25.8 17.6 26.4

125 12.6 7.3 10.9#

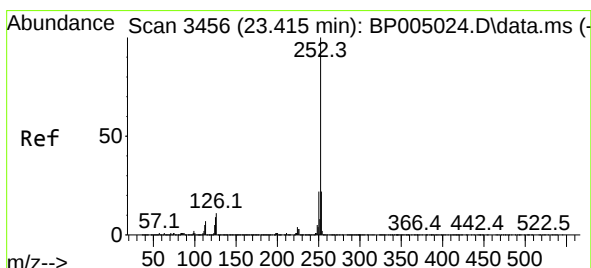
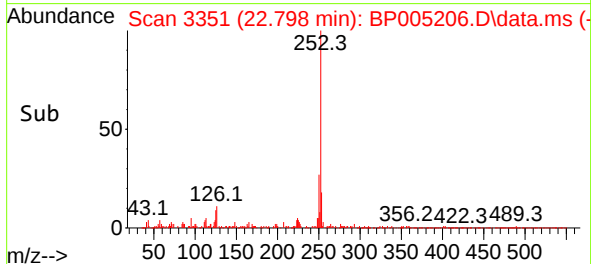
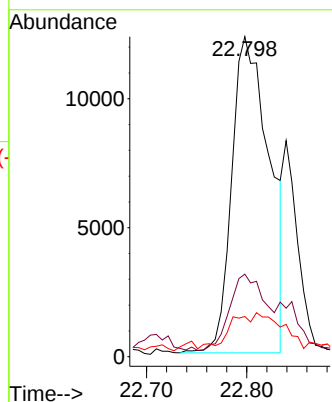
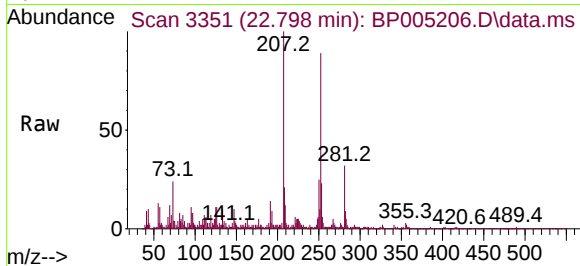




#89
Benzo(k)fluoranthene
Concen: 3.79 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.053 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

Instrument :
BNA_P
ClientSampleId :
NB-07-040221

Tgt Ion:252 Resp: 31868
Ion Ratio Lower Upper
252 100
253 25.8 17.8 26.8
125 12.6 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 3.37 ng
RT: 23.386 min Scan# 3451
Delta R.T. -0.006 min
Lab File: BP005206.D
Acq: 06 Apr 2021 20:33

Tgt Ion:252 Resp: 26538
Ion Ratio Lower Upper
252 100
253 20.6 17.4 26.0
125 11.2 8.2 12.4

