

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
 Data File : BP005246.D
 Acq On : 08 Apr 2021 20:56
 Operator : CG/JU
 Sample : M1969-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-01-040721

Quant Time: Apr 09 00:46:02 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)

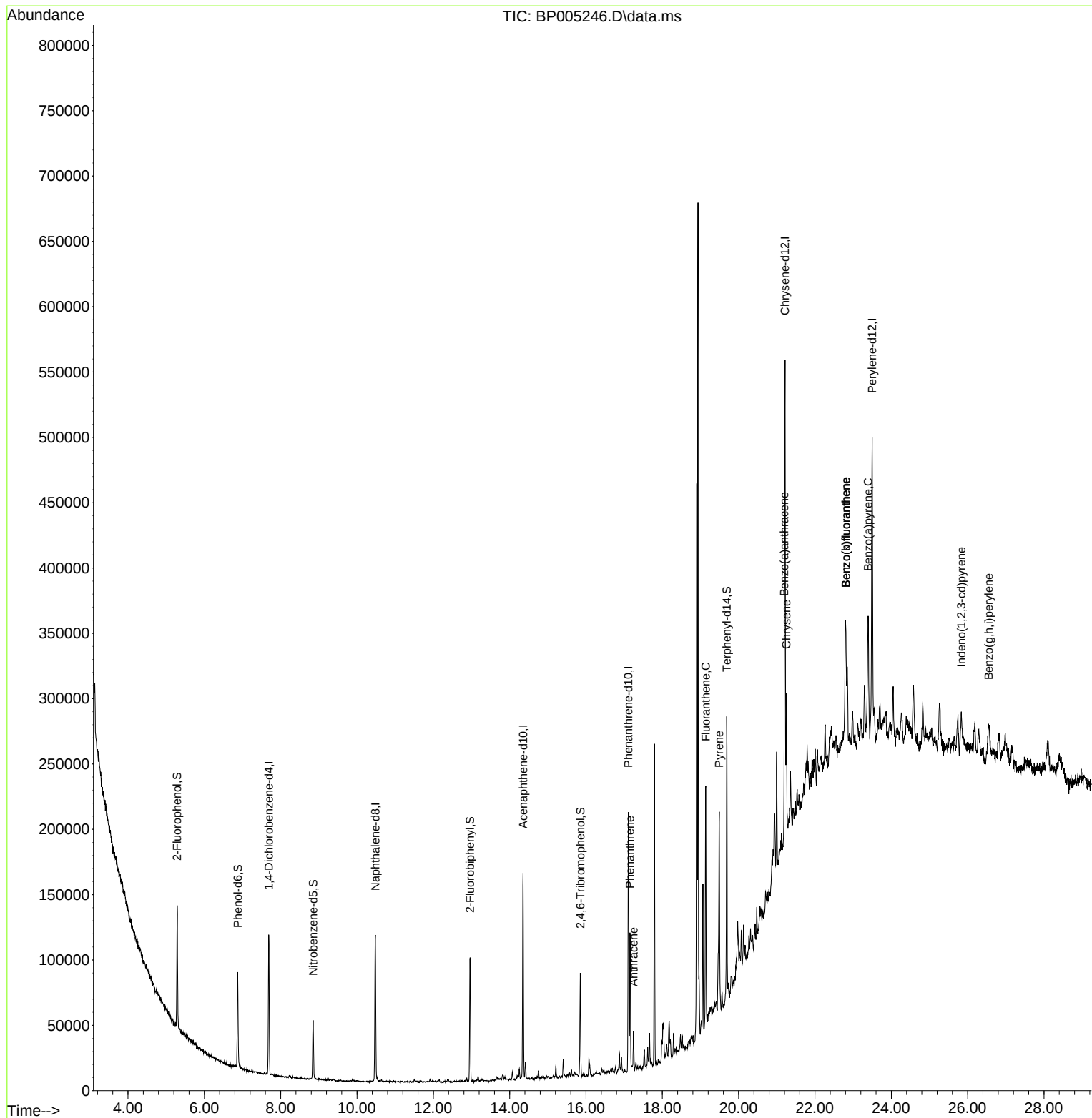
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	25803	20.00	ng	0.00
21) Naphthalene-d8	10.481	136	84982	20.00	ng	# 0.00
39) Acenaphthene-d10	14.351	164	48722	20.00	ng	0.00
64) Phenanthrene-d10	17.110	188	109352	20.00	ng	# 0.00
76) Chrysene-d12	21.216	240	140671	20.00	ng	0.00
86) Perylene-d12	23.498	264	153953	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	38473	22.95	ng	0.00
7) Phenol-d6	6.875	99	43628	18.17	ng	0.00
23) Nitrobenzene-d5	8.852	82	29132	14.71	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	11709	18.44	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	46676	12.96	ng	0.00
79) Terphenyl-d14	19.686	244	92624	11.99	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.151	178	58971	9.30	ng	98
72) Anthracene	17.245	178	16389	2.65	ng	99
75) Fluoranthene	19.139	202	95552	12.81	ng	99
78) Pyrene	19.492	202	89194	9.23	ng	98
81) Benzo(a)anthracene	21.198	228	58201	6.09	ng	96
83) Chrysene	21.251	228	58003	6.18	ng	95
87) Indeno(1,2,3-cd)pyrene	25.833	276	28366	2.46	ng	94
88) Benzo(b)fluoranthene	22.810	252	68903	6.30	ng	# 96
89) Benzo(k)fluoranthene	22.810	252	68903	6.58	ng	97
90) Benzo(a)pyrene	23.392	252	52771	5.38	ng	# 92
92) Benzo(g,h,i)perylene	26.551	276	30512	3.17	ng	93

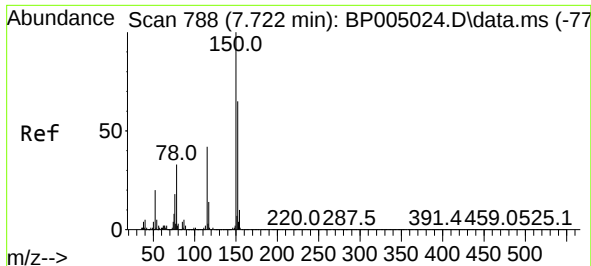
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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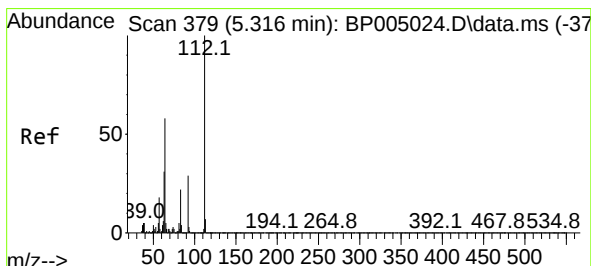
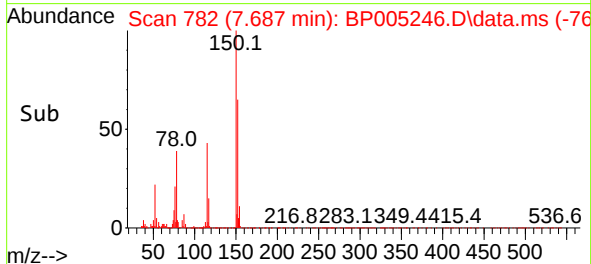
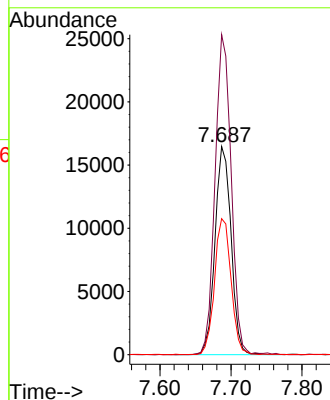
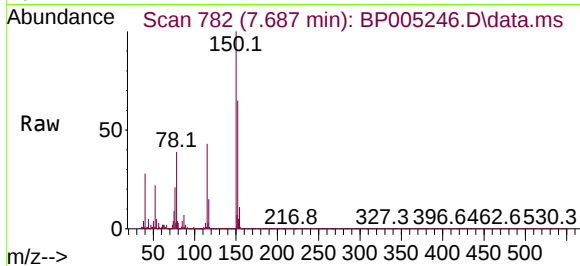




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.006 min
Lab File: BP005246.D
Acq: 08 Apr 2021 20:56

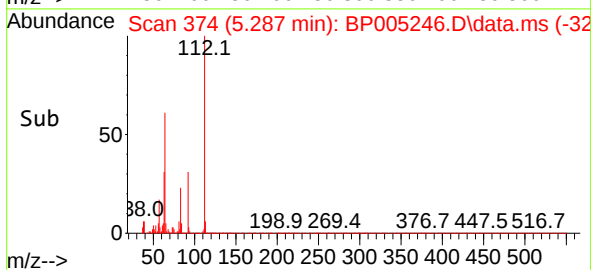
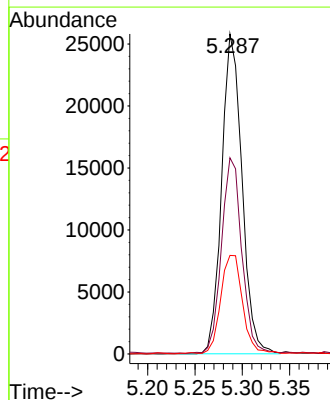
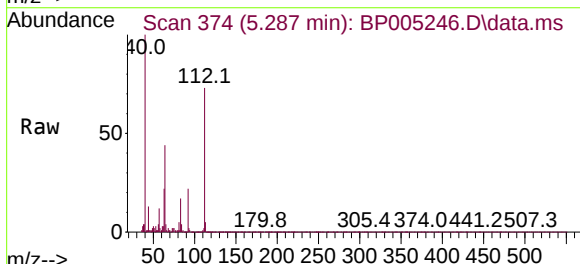
Instrument :
BNA_P
ClientSampleId :
OK-01-040721

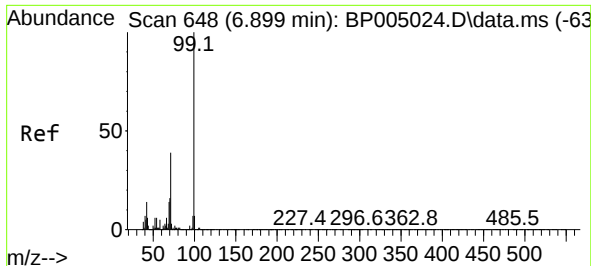
Tgt Ion:152 Resp: 25803
Ion Ratio Lower Upper
152 100
150 153.7 123.8 185.6
115 65.4 43.8 65.6



#5
2-Fluorophenol
Concen: 22.95 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.006 min
Lab File: BP005246.D
Acq: 08 Apr 2021 20:56

Tgt Ion:112 Resp: 38473
Ion Ratio Lower Upper
112 100
64 61.3 32.8 49.2#
63 30.8 17.0 25.4#

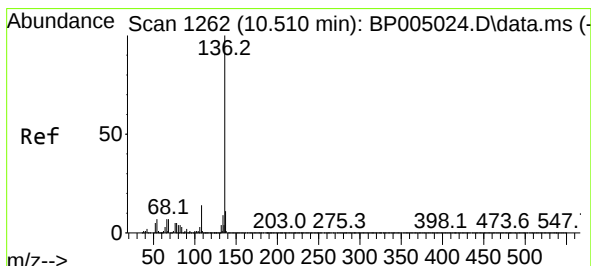
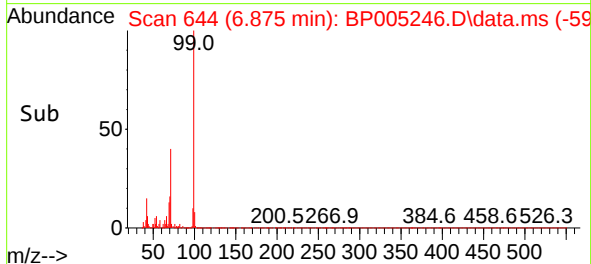
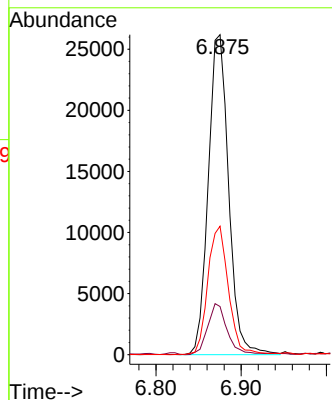
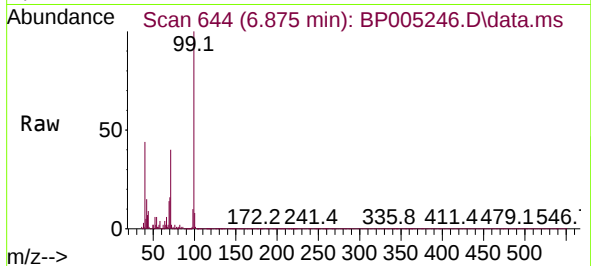




#7
Phenol-d6
Concen: 18.17 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005246.D
Acq: 08 Apr 2021 20:56

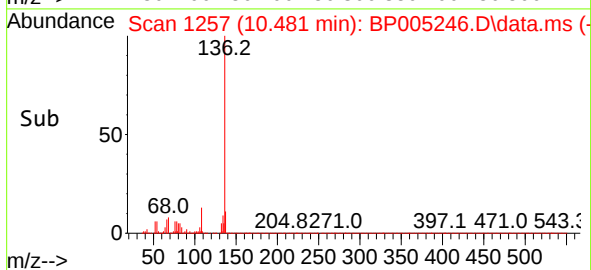
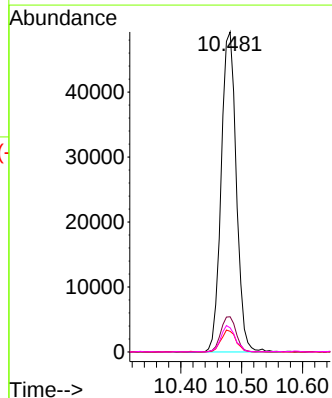
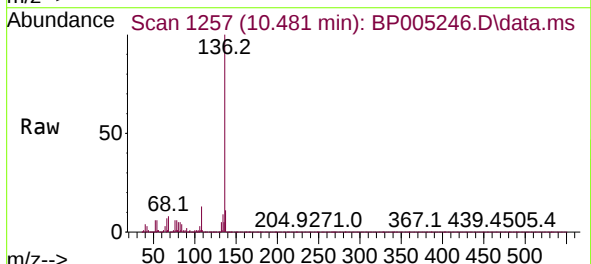
Instrument :
BNA_P
ClientSampleId :
OK-01-040721

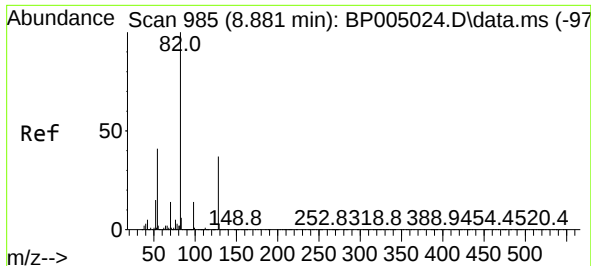
Tgt Ion: 99 Resp: 43628
Ion Ratio Lower Upper
99 100
42 15.0 8.6 13.0#
71 40.1 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BP005246.D
Acq: 08 Apr 2021 20:56

Tgt Ion: 136 Resp: 84982
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.5 3.6 5.4#
68 7.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 14.71 ng

RT: 8.852 min Scan# 980

Delta R.T. -0.006 min

Lab File: BP005246.D

Acq: 08 Apr 2021 20:56

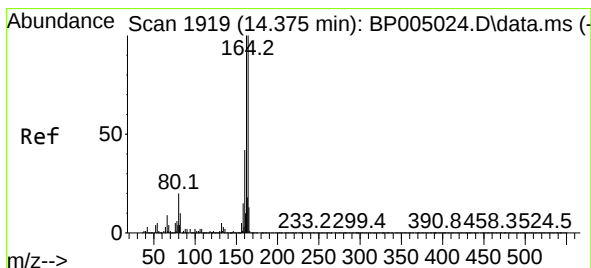
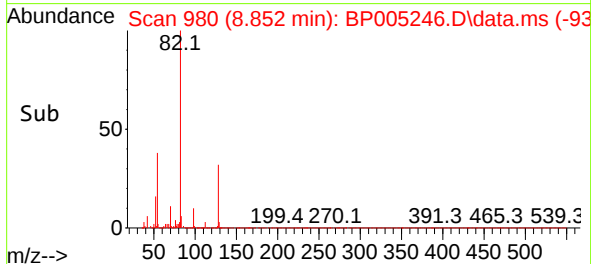
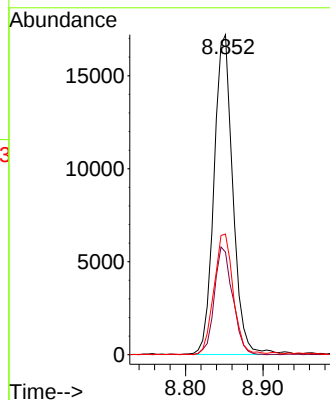
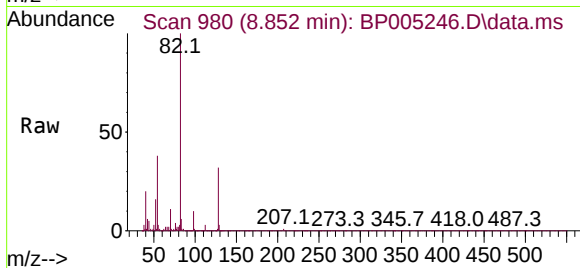
Instrument :

BNA_P

ClientSampleId :

OK-01-040721

Tgt Ion:	82	Resp:	29132
Ion	Ratio	Lower	Upper
82	100		
128	32.1	45.6	68.4#
54	37.7	30.1	45.1



#39

Acenaphthene-d10

Concen: 20.00 ng

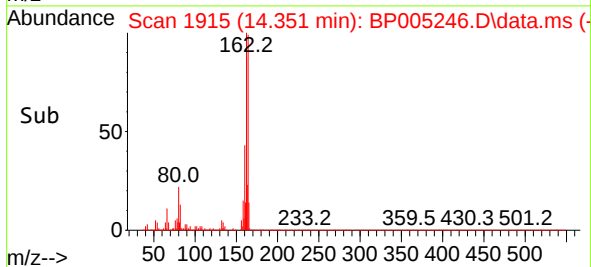
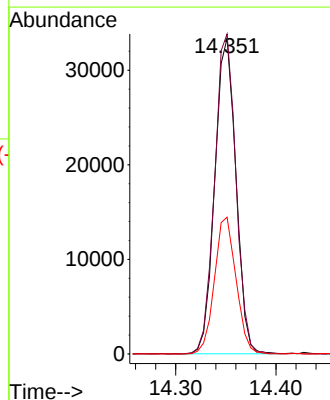
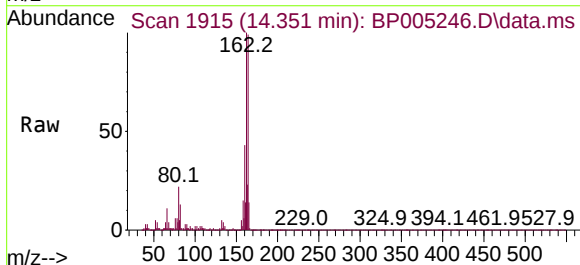
RT: 14.351 min Scan# 1915

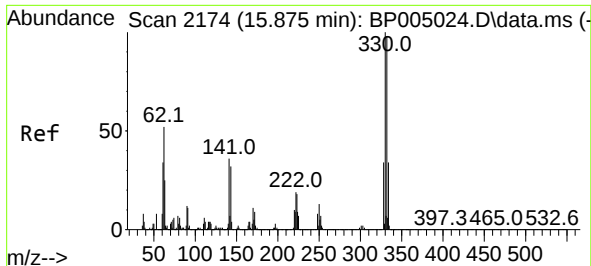
Delta R.T. 0.000 min

Lab File: BP005246.D

Acq: 08 Apr 2021 20:56

Tgt Ion:	164	Resp:	48722
Ion	Ratio	Lower	Upper
164	100		
162	101.4	79.4	119.2
160	43.3	36.1	54.1

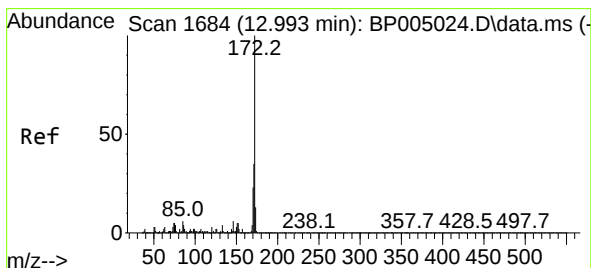
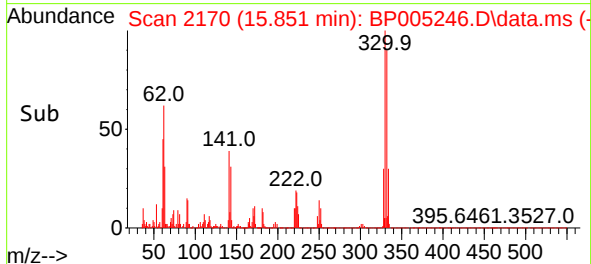
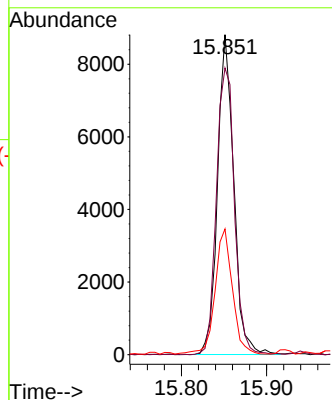
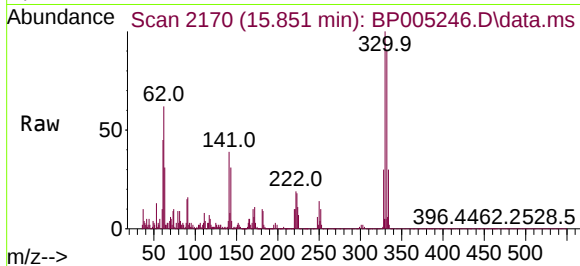




#42
2,4,6-Tribromophenol
Concen: 18.44 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP005246.D
Acq: 08 Apr 2021 20:56

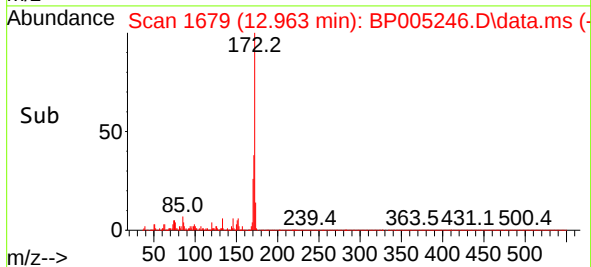
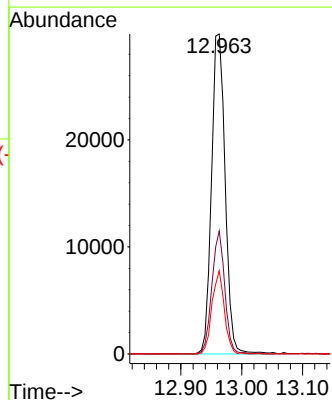
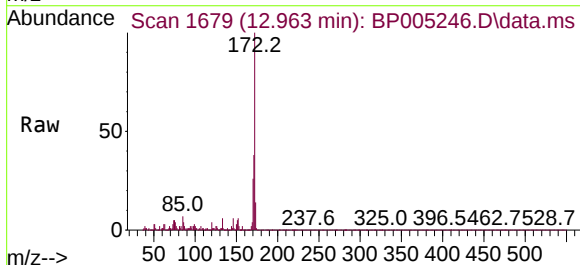
Instrument :
BNA_P
ClientSampled :
OK-01-040721

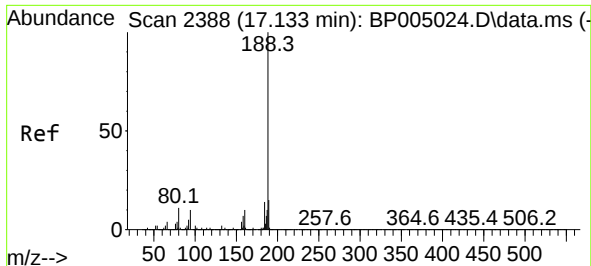
Tgt Ion:330 Resp: 11709
Ion Ratio Lower Upper
330 100
332 99.7 77.1 115.7
141 41.6 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 12.96 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005246.D
Acq: 08 Apr 2021 20:56

Tgt Ion:172 Resp: 46676
Ion Ratio Lower Upper
172 100
171 38.5 28.5 42.7
170 26.0 19.2 28.8

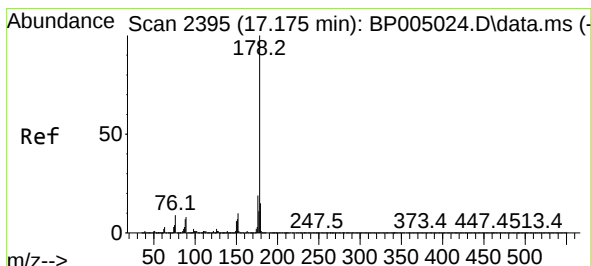
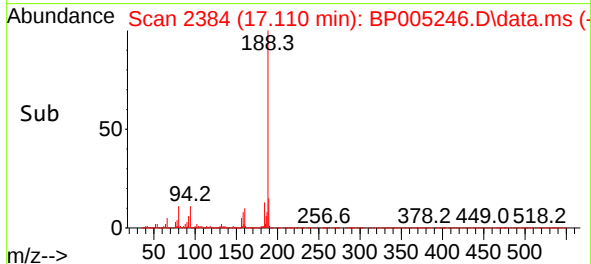
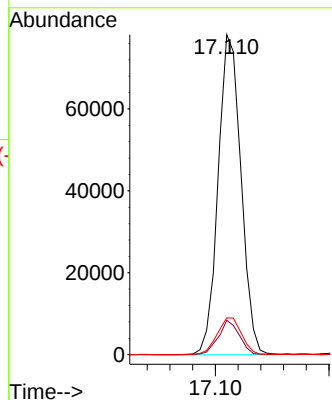
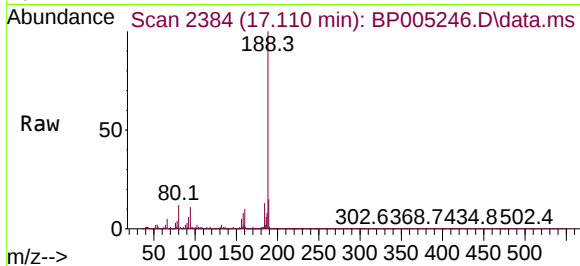




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP005246.D
Acq: 08 Apr 2021 20:56

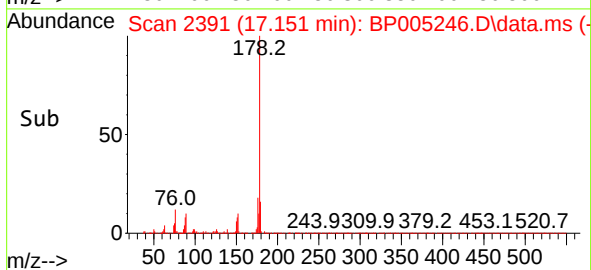
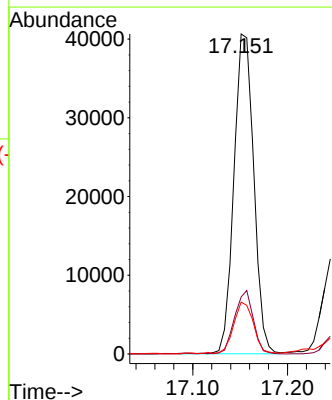
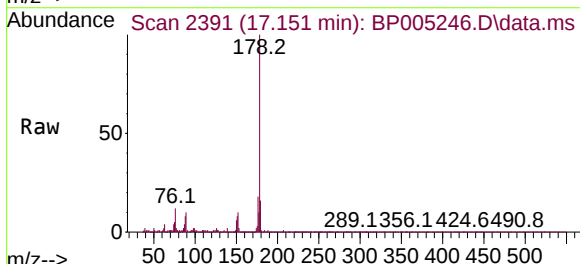
Instrument :
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ClientSampleId :
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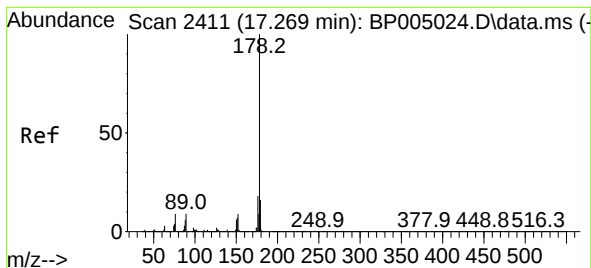
Tgt Ion:188 Resp: 109352
Ion Ratio Lower Upper
188 100
94 10.8 6.2 9.2#
80 11.5 6.2 9.2#



#71
Phenanthrene
Concen: 9.30 ng
RT: 17.151 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BP005246.D
Acq: 08 Apr 2021 20:56

Tgt Ion:178 Resp: 58971
Ion Ratio Lower Upper
178 100
176 17.8 15.3 22.9
179 16.2 12.5 18.7





#72

Anthracene

Concen: 2.65 ng

RT: 17.245 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BP005246.D

Acq: 08 Apr 2021 20:56

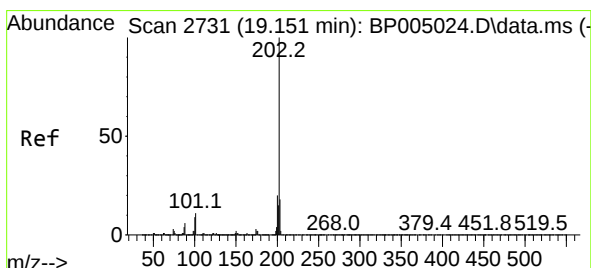
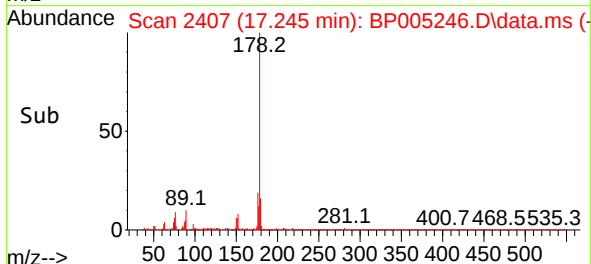
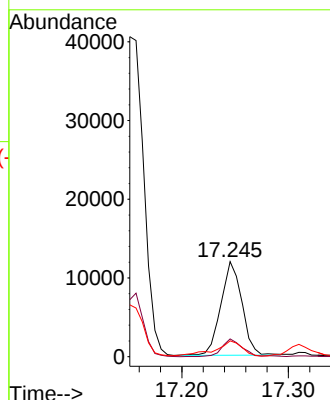
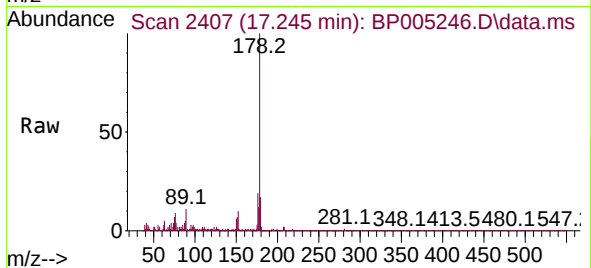
Tgt Ion:178	Resp:	16389
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.0 22.4
179	16.7	12.5 18.7

Instrument :

BNA_P

ClientSampleId :

OK-01-040721



#75

Fluoranthene

Concen: 12.81 ng

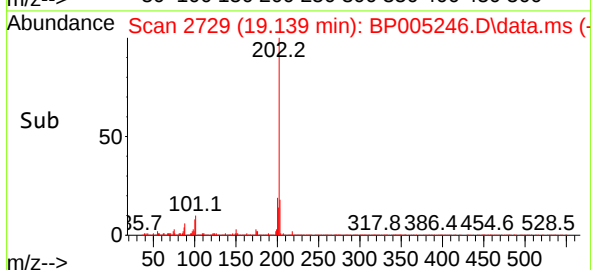
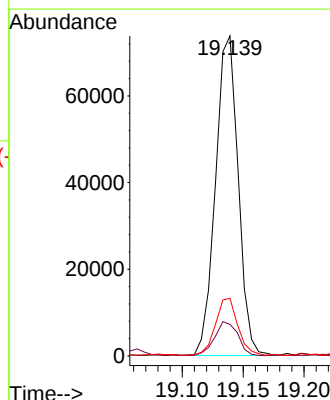
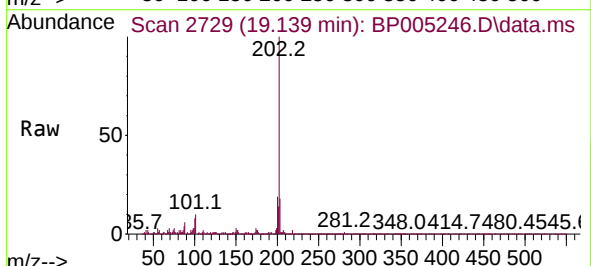
RT: 19.139 min Scan# 2729

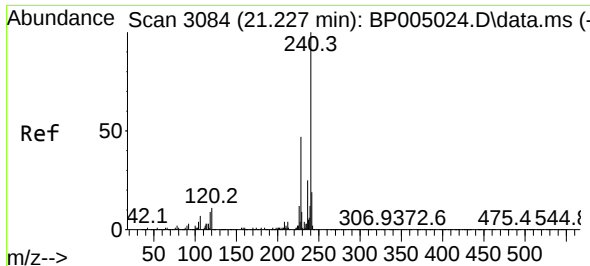
Delta R.T. 0.006 min

Lab File: BP005246.D

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Tgt Ion:202	Resp:	95552
Ion Ratio	Lower	Upper
202	100	
101	9.9	0.0 29.4
203	18.0	0.0 37.8

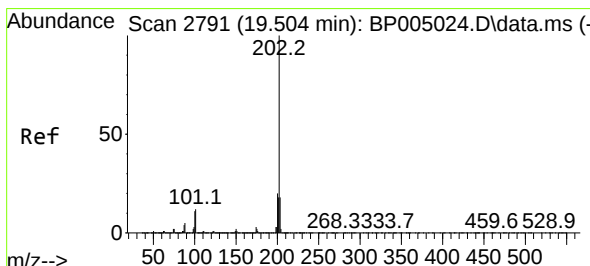
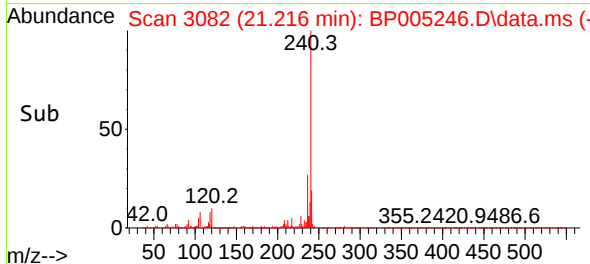
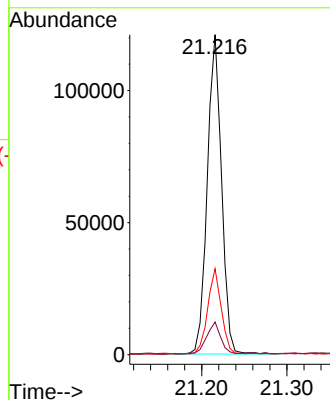
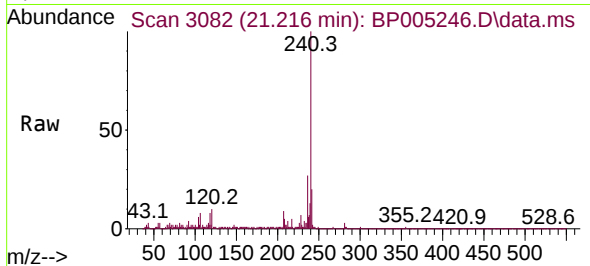




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.216 min Scan# 3082
Delta R.T. 0.000 min
Lab File: BP005246.D
Acq: 08 Apr 2021 20:56

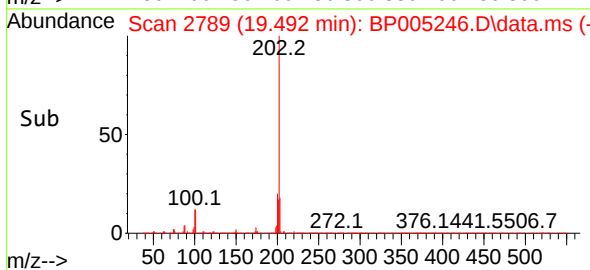
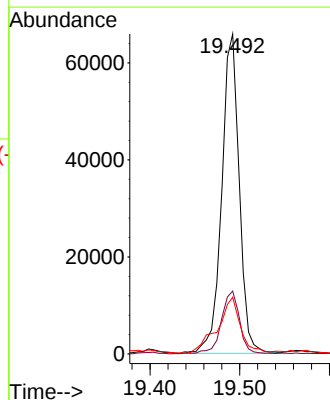
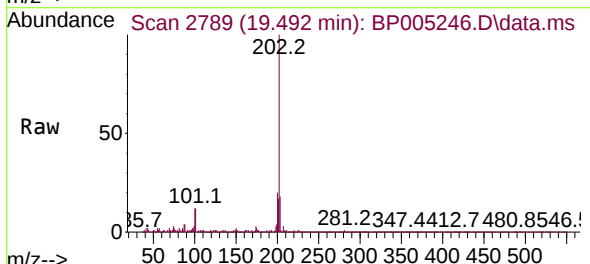
Instrument :
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ClientSampleId :
OK-01-040721

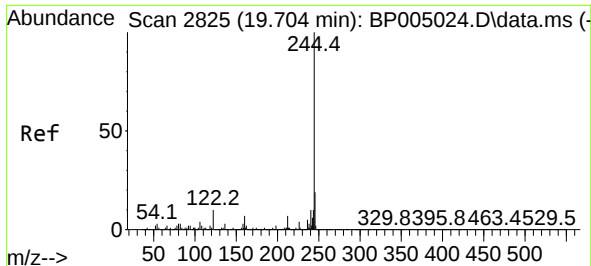
Tgt Ion:240 Resp: 140671
Ion Ratio Lower Upper
240 100
120 10.2 7.8 11.6
236 26.8 20.8 31.2



#78
Pyrene
Concen: 9.23 ng
RT: 19.492 min Scan# 2789
Delta R.T. 0.006 min
Lab File: BP005246.D
Acq: 08 Apr 2021 20:56

Tgt Ion:202 Resp: 89194
Ion Ratio Lower Upper
202 100
200 19.6 17.1 25.7
203 17.8 14.2 21.2

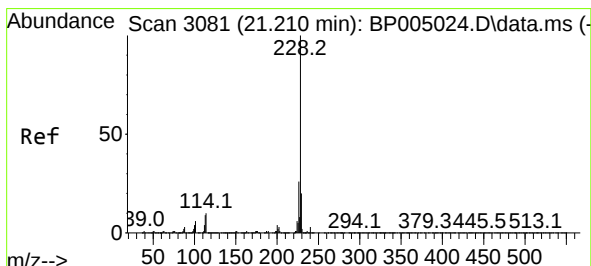
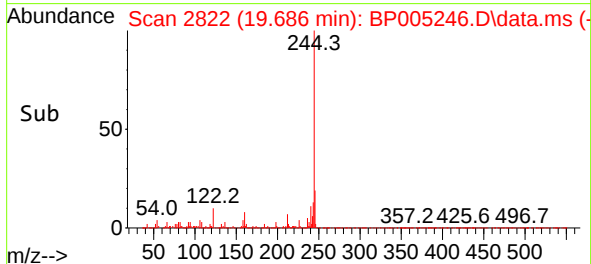
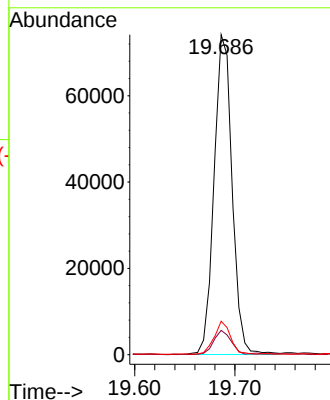
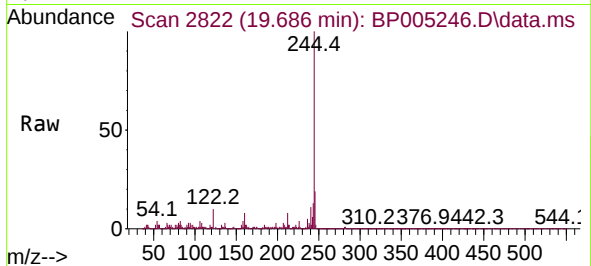




#79
Terphenyl-d14
Concen: 11.99 ng
RT: 19.686 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BP005246.D
Acq: 08 Apr 2021 20:56

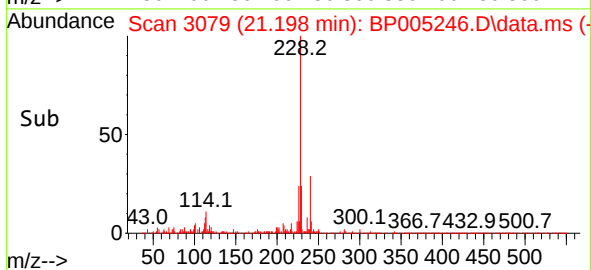
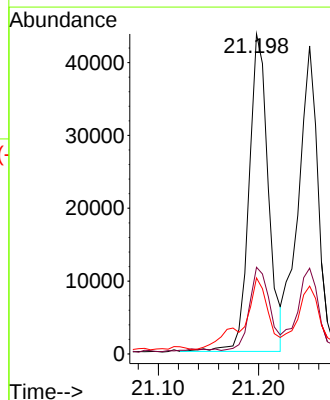
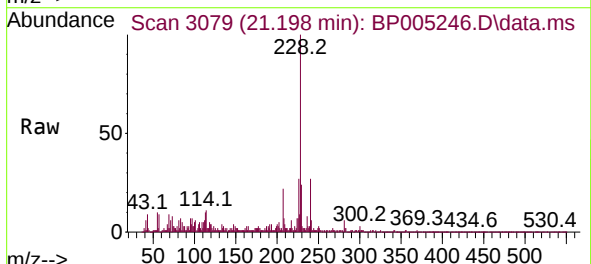
Instrument :
BNA_P
ClientSampleId :
OK-01-040721

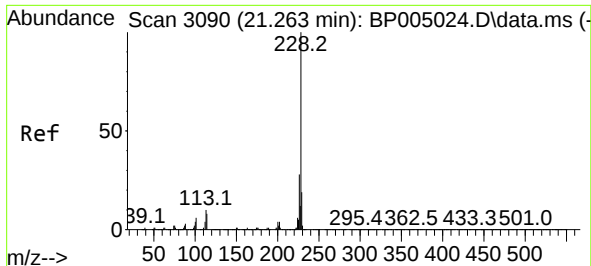
Tgt Ion:244 Resp: 92624
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 10.5 7.8 11.8



#81
Benzo(a)anthracene
Concen: 6.09 ng
RT: 21.198 min Scan# 3079
Delta R.T. 0.000 min
Lab File: BP005246.D
Acq: 08 Apr 2021 20:56

Tgt Ion:228 Resp: 58201
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 23.7 15.9 23.9

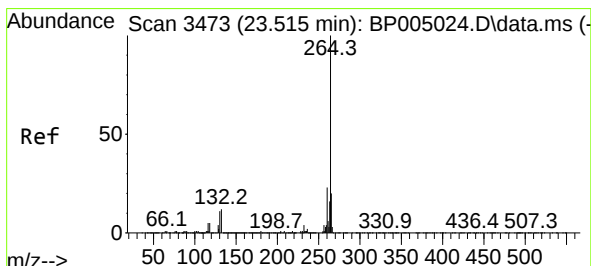
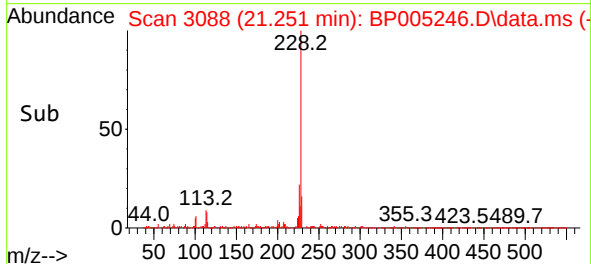
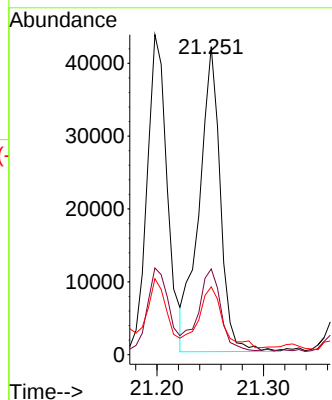
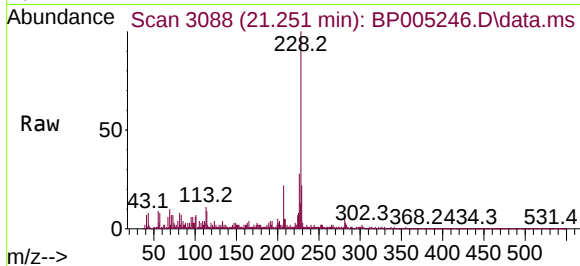




#83
Chrysene
Concen: 6.18 ng
RT: 21.251 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BP005246.D
Acq: 08 Apr 2021 20:56

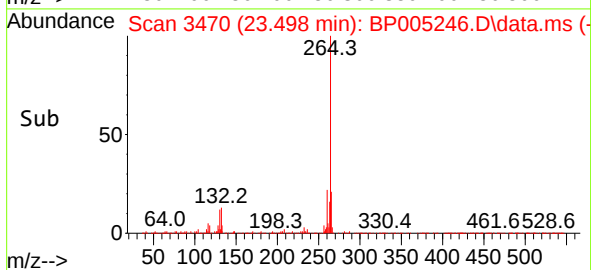
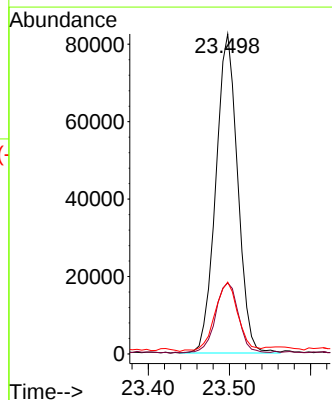
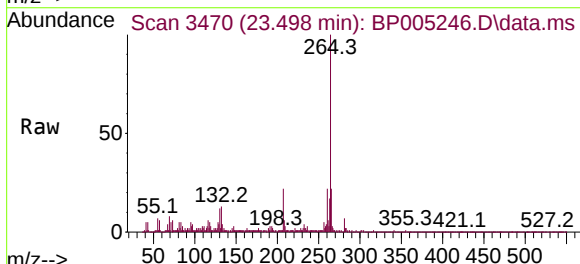
Instrument :
BNA_P
ClientSampleId :
OK-01-040721

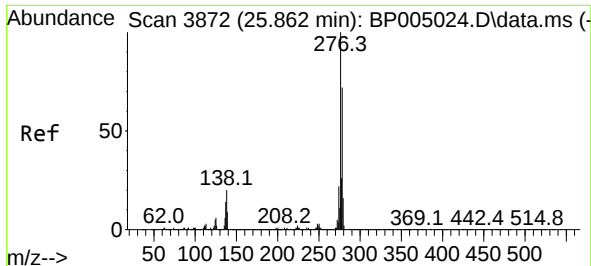
Tgt Ion:	228	Resp:	58003
Ion Ratio	Lower	Upper	
228	100		
226	27.8	24.4	36.6
229	22.0	15.8	23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.498 min Scan# 3470
Delta R.T. 0.006 min
Lab File: BP005246.D
Acq: 08 Apr 2021 20:56

Tgt Ion:	264	Resp:	153953
Ion Ratio	Lower	Upper	
264	100		
260	22.2	18.8	28.2
265	22.4	17.4	26.2

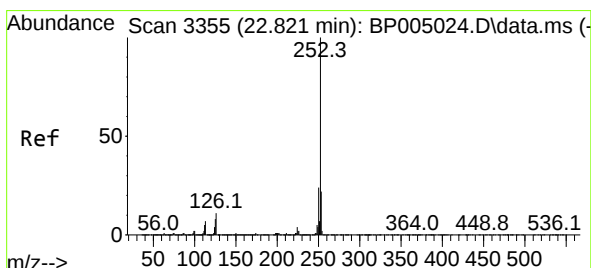
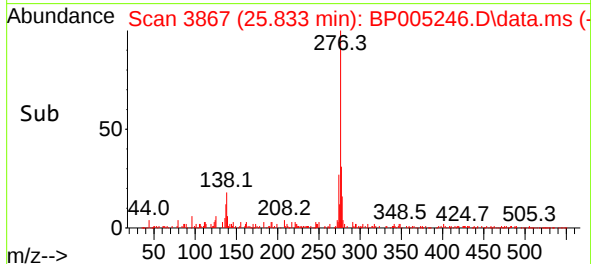
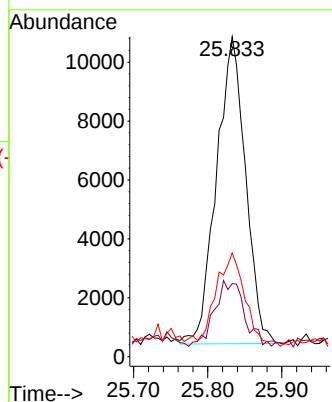
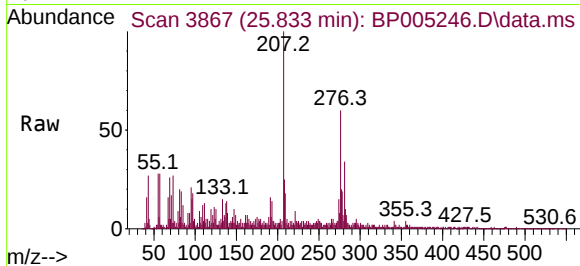




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.46 ng
 RT: 25.833 min Scan# 3867
 Delta R.T. -0.006 min
 Lab File: BP005246.D
 Acq: 08 Apr 2021 20:56

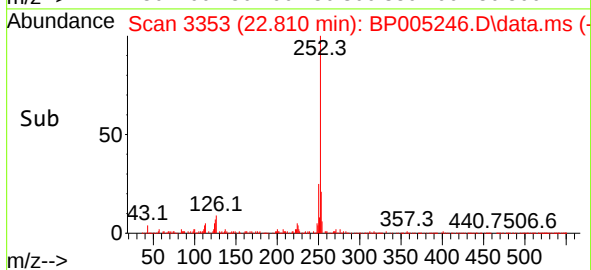
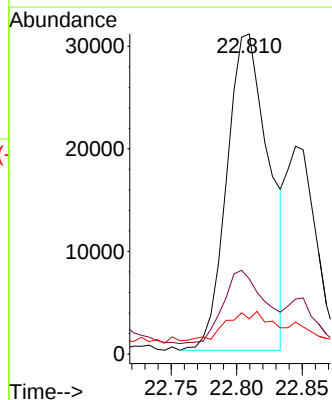
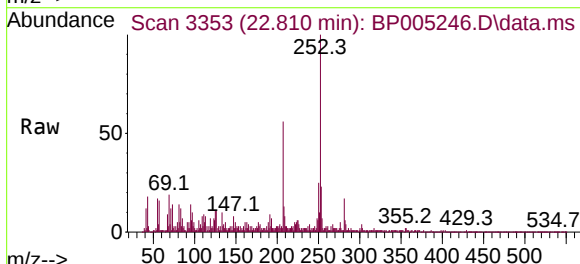
Instrument :
 BNA_P
 ClientSampleId :
 OK-01-040721

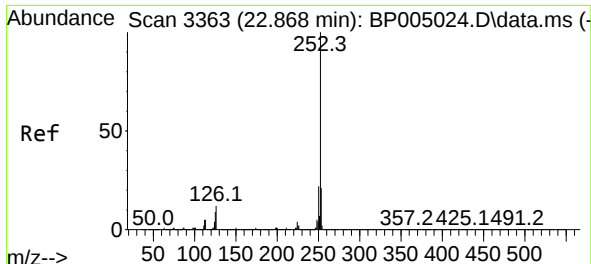
Tgt Ion:	276	Resp:	28366
Ion Ratio	Lower	Upper	
276	100		
138	21.8	18.7	28.1
277	30.2	20.4	30.6



#88
 Benzo(b)fluoranthene
 Concen: 6.30 ng
 RT: 22.810 min Scan# 3353
 Delta R.T. 0.006 min
 Lab File: BP005246.D
 Acq: 08 Apr 2021 20:56

Tgt Ion:	252	Resp:	68903
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.6	26.4
125	11.0	7.3	10.9#

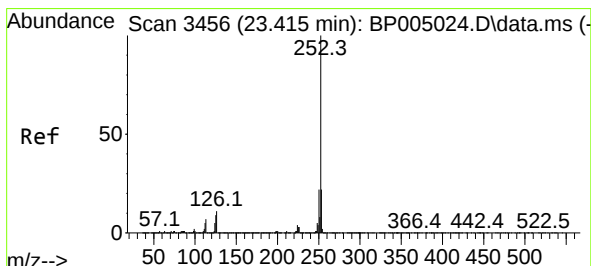
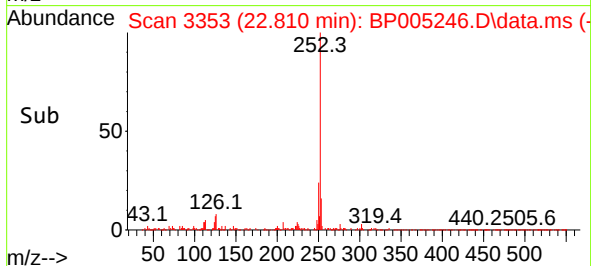
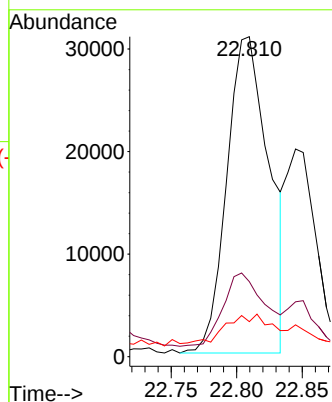
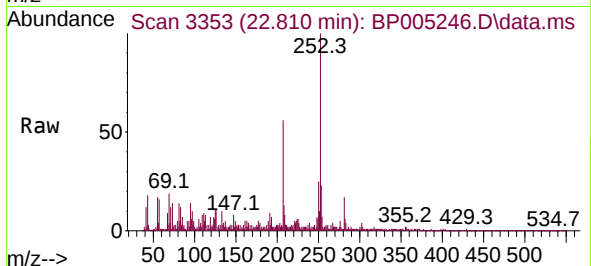




#89
Benzo(k)fluoranthene
Concen: 6.58 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.041 min
Lab File: BP005246.D
Acq: 08 Apr 2021 20:56

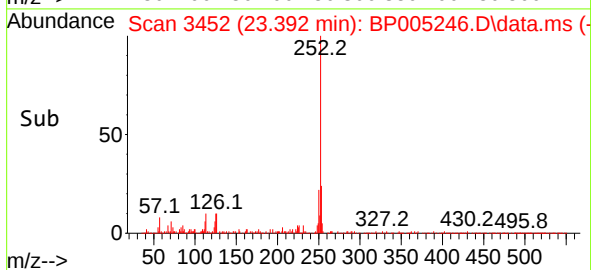
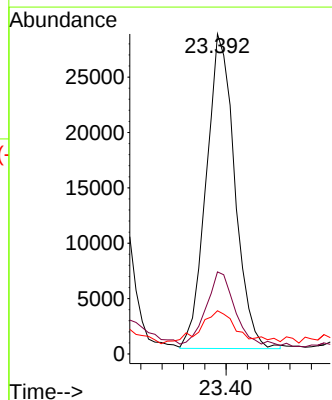
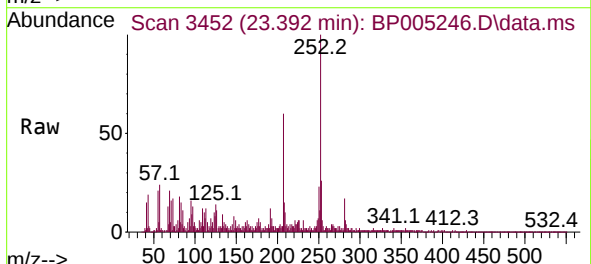
Instrument :
BNA_P
ClientSampleId :
OK-01-040721

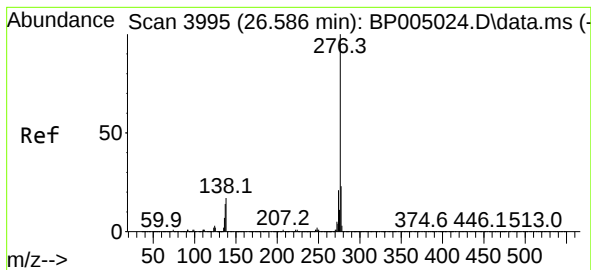
Tgt Ion:252 Resp: 68903
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 11.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 5.38 ng
RT: 23.392 min Scan# 3452
Delta R.T. 0.000 min
Lab File: BP005246.D
Acq: 08 Apr 2021 20:56

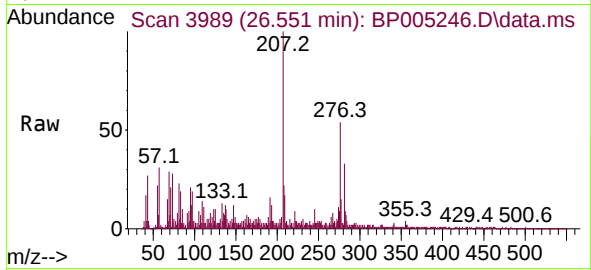
Tgt Ion:252 Resp: 52771
Ion Ratio Lower Upper
252 100
253 25.7 17.4 26.0
125 13.5 8.2 12.4#





#92
 Benzo(g,h,i)perylene
 Concen: 3.17 ng
 RT: 26.551 min Scan# 3989
 Delta R.T. 0.000 min
 Lab File: BP005246.D
 Acq: 08 Apr 2021 20:56

Instrument :
 BNA_P
 ClientSampleId :
 OK-01-040721



Tgt Ion:	276	Resp:	30512
Ion Ratio	Lower	Upper	
276	100		
277	28.6	19.0	28.6
138	19.2	16.6	24.8

