

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040521\
 Data File : BP005189.D
 Acq On : 05 Apr 2021 21:03
 Operator : CG/JU
 Sample : M1911-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-6S-(0-4)

Quant Time: Apr 06 00:34:00 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 12:23:57 2021
 Response via : Initial Calibration

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

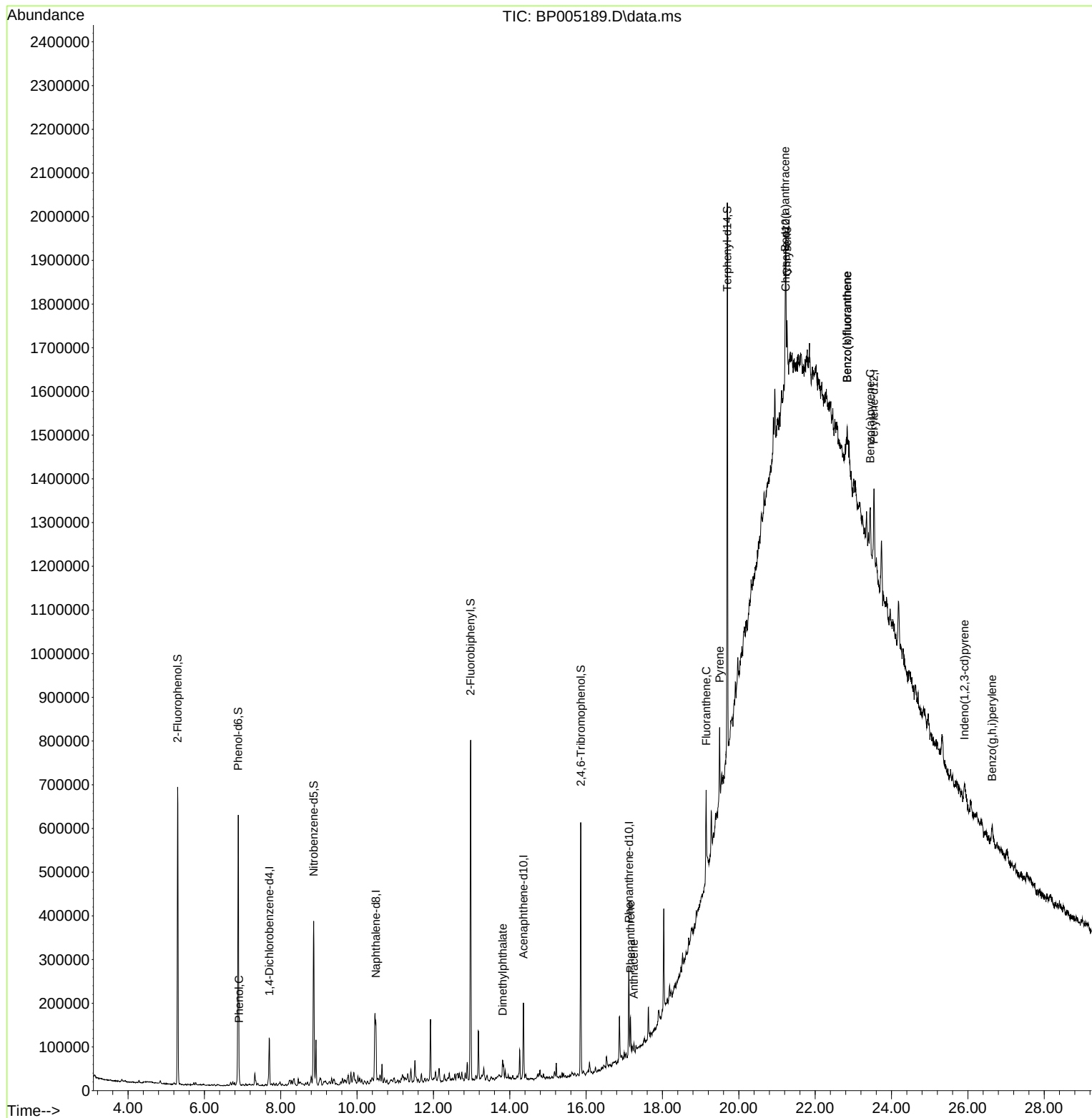
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	28771	20.00	ng	0.00
21) Naphthalene-d8	10.493	136	103998	20.00	ng	# 0.00
39) Acenaphthene-d10	14.357	164	56416	20.00	ng	0.00
64) Phenanthrene-d10	17.122	188	116867	20.00	ng	# 0.00
76) Chrysene-d12	21.227	240	129016	20.00	ng	# 0.00
86) Perylene-d12	23.539	264	130756	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	281171	150.40	ng	0.00
7) Phenol-d6	6.887	99	352348	131.57	ng	0.00
23) Nitrobenzene-d5	8.863	82	228432	94.25	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	101248	137.74	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	392519	94.12	ng	0.00
79) Terphenyl-d14	19.698	244	546362	77.09	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.910	94	5600	2.04	ng	69
50) Dimethylphthalate	13.816	163	12295	2.83	ng	# 93
71) Phenanthrene	17.163	178	49094	7.25	ng	98
72) Anthracene	17.251	178	13686	2.07	ng	96
75) Fluoranthene	19.145	202	104230	13.08	ng	94
78) Pyrene	19.498	202	100779	11.37	ng	# 95
81) Benzo(a)anthracene	21.216	228	57545	6.57	ng	# 82
83) Chrysene	21.263	228	59046	6.86	ng	# 80
87) Indeno(1,2,3-cd)pyrene	25.909	276	42377	4.32	ng	# 91
88) Benzo(b)fluoranthene	22.839	252	103981	11.20	ng	# 79
89) Benzo(k)fluoranthene	22.839	252	103981	11.69	ng	# 80
90) Benzo(a)pyrene	23.445	252	57594	6.92	ng	# 76
92) Benzo(g,h,i)perylene	26.633	276	39673	4.85	ng	# 82

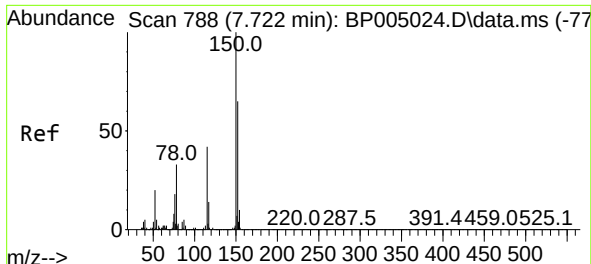
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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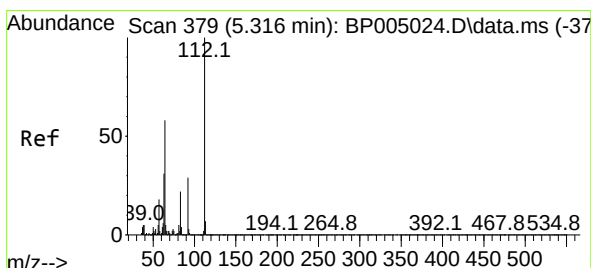
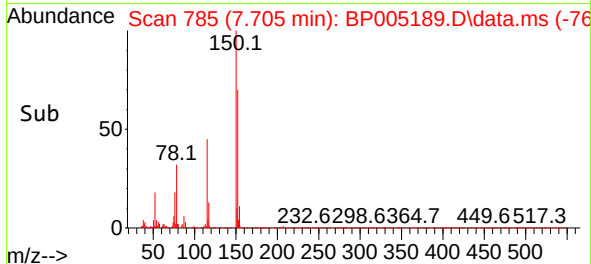
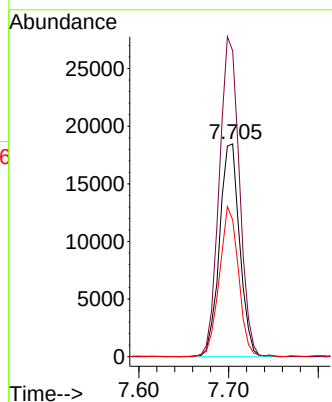
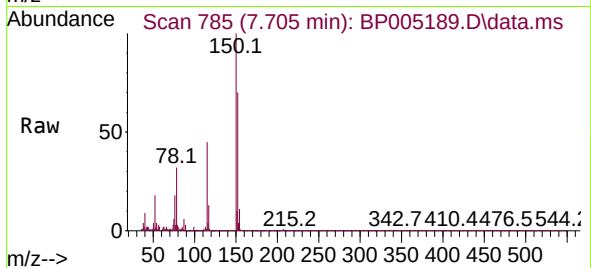




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP005189.D
Acq: 05 Apr 2021 21:03

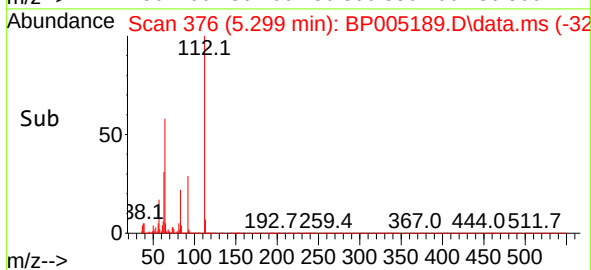
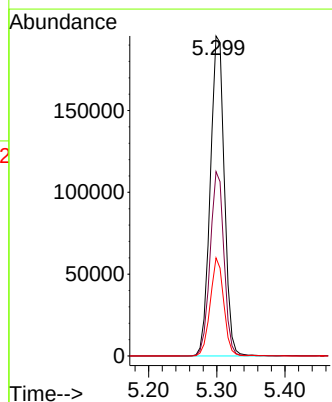
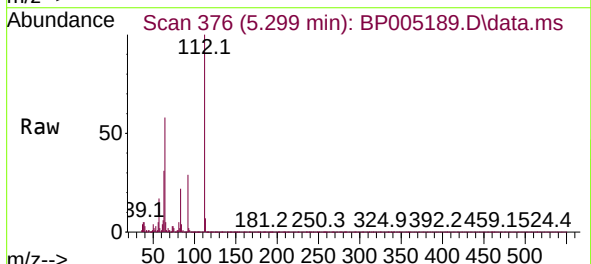
Instrument :
BNA_P
ClientSampleId :
TP-6S-(0-4)

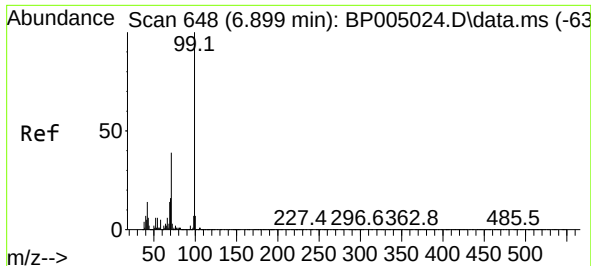
Tgt Ion:152 Resp: 28771
Ion Ratio Lower Upper
152 100
150 143.7 123.8 185.6
115 64.3 43.8 65.6



#5
2-Fluorophenol
Concen: 150.40 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.006 min
Lab File: BP005189.D
Acq: 05 Apr 2021 21:03

Tgt Ion:112 Resp: 281171
Ion Ratio Lower Upper
112 100
64 57.6 32.8 49.2#
63 30.6 17.0 25.4#

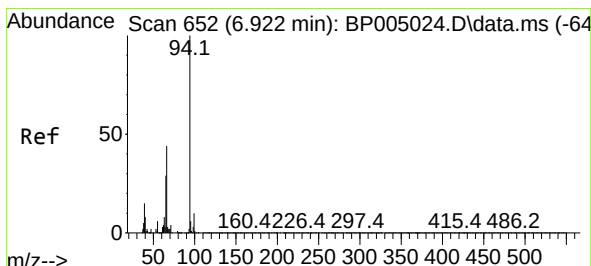
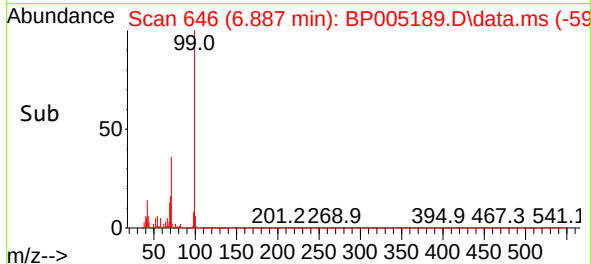
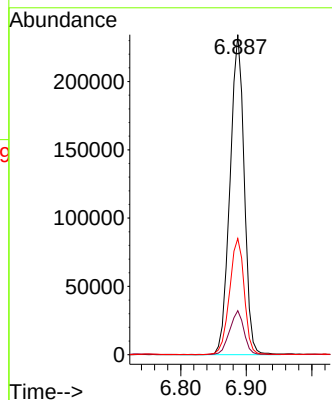
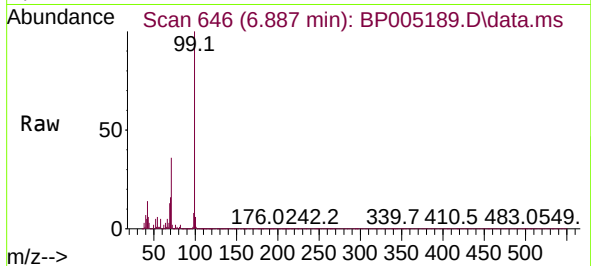




#7
Phenol-d6
Concen: 131.57 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP005189.D
Acq: 05 Apr 2021 21:03

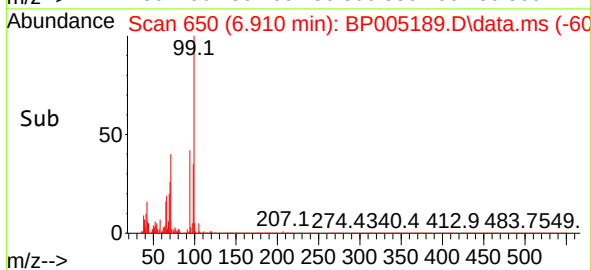
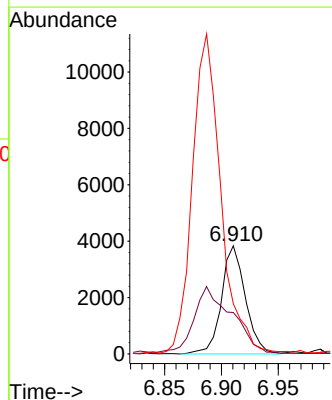
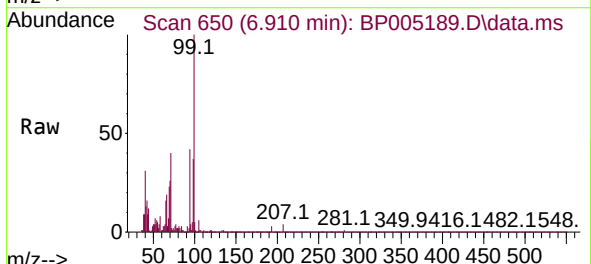
Instrument :
BNA_P
ClientSampleId :
TP-6S-(0-4)

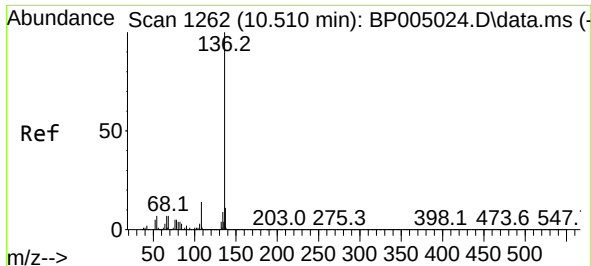
Tgt Ion: 99 Resp: 352348
Ion Ratio Lower Upper
99 100
42 13.7 8.6 13.0#
71 36.3 23.4 35.2#



#10
Phenol
Concen: 2.04 ng
RT: 6.910 min Scan# 650
Delta R.T. -0.006 min
Lab File: BP005189.D
Acq: 05 Apr 2021 21:03

Tgt Ion: 94 Resp: 5600
Ion Ratio Lower Upper
94 100
65 38.4 2.3 42.3
66 46.4 10.9 50.9

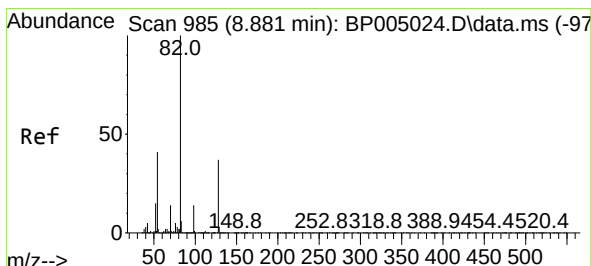
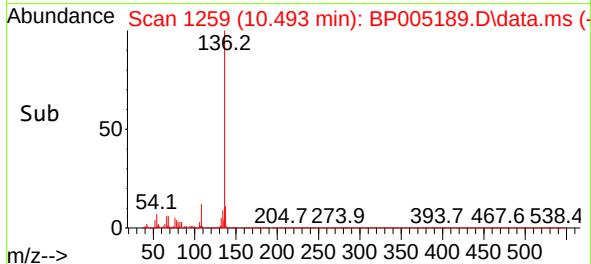
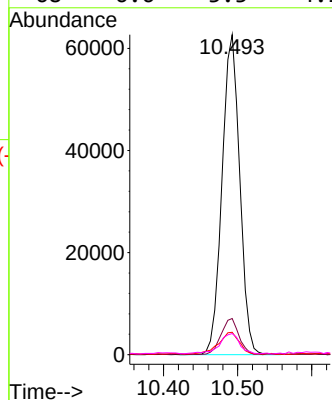
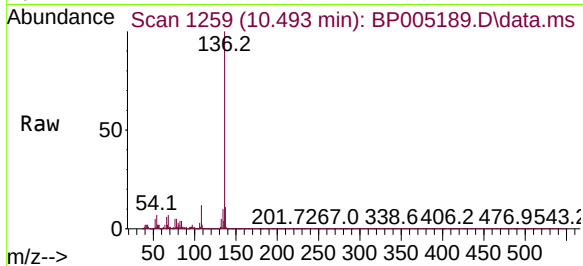




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP005189.D
Acq: 05 Apr 2021 21:03

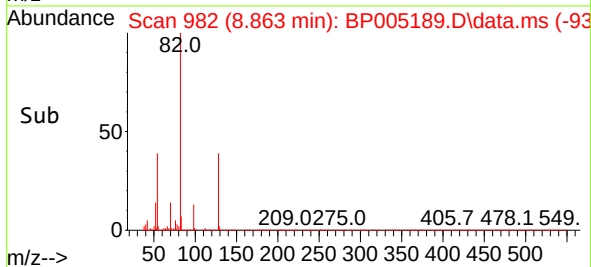
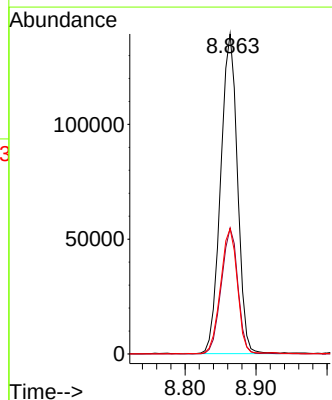
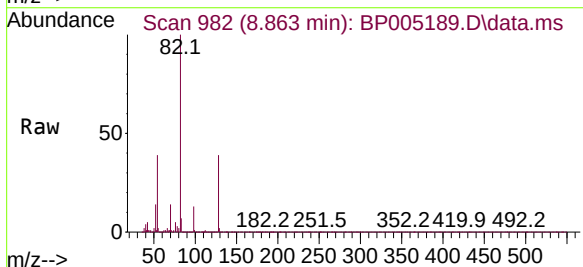
Instrument :
BNA_P
ClientSampleId :
TP-6S-(0-4)

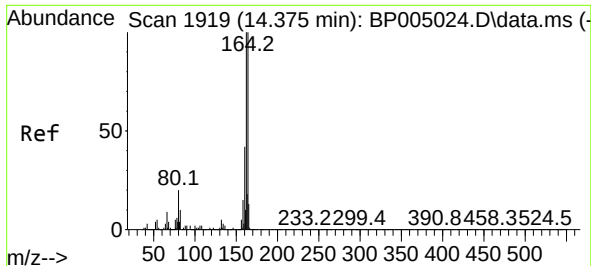
Tgt Ion:	136	Resp:	103998
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	7.0	3.6	5.4#
68	6.6	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 94.25 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BP005189.D
Acq: 05 Apr 2021 21:03

Tgt Ion:	82	Resp:	228432
Ion Ratio	Lower	Upper	
82	100		
128	39.3	45.6	68.4#
54	39.1	30.1	45.1

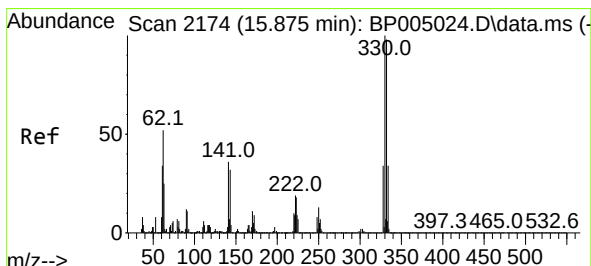
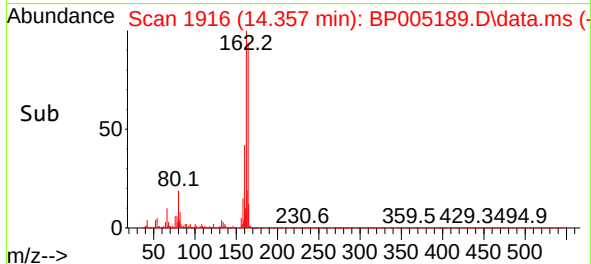
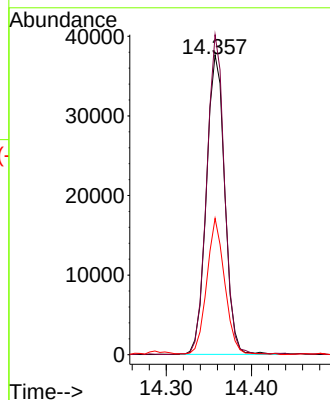
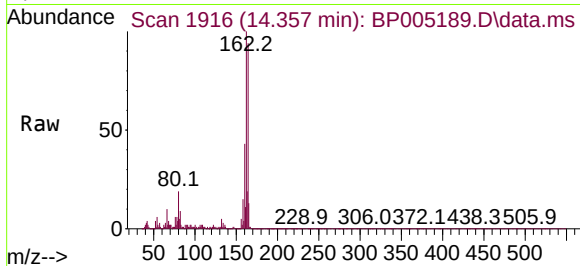




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP005189.D
Acq: 05 Apr 2021 21:03

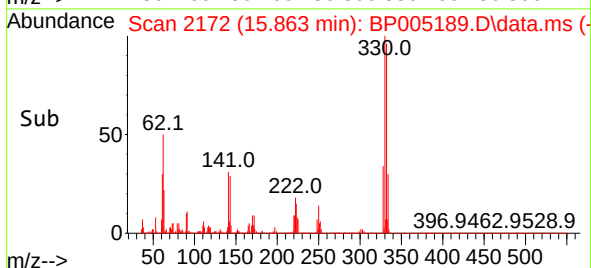
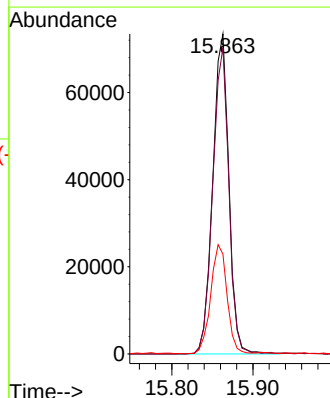
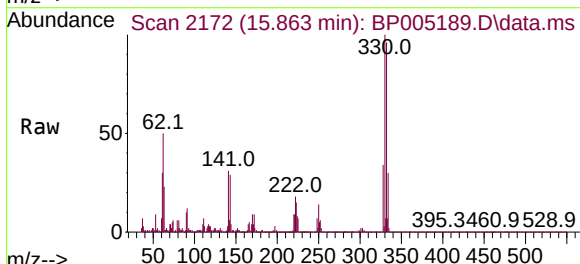
Instrument :
BNA_P
ClientSampleId :
TP-6S-(0-4)

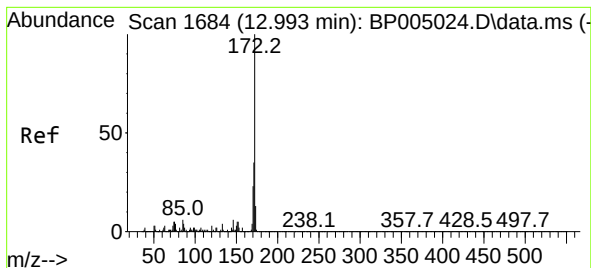
Tgt Ion:164 Resp: 56416
Ion Ratio Lower Upper
164 100
162 106.7 79.4 119.2
160 45.5 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 137.74 ng
RT: 15.863 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP005189.D
Acq: 05 Apr 2021 21:03

Tgt Ion:330 Resp: 101248
Ion Ratio Lower Upper
330 100
332 95.2 77.1 115.7
141 34.6 23.4 35.2

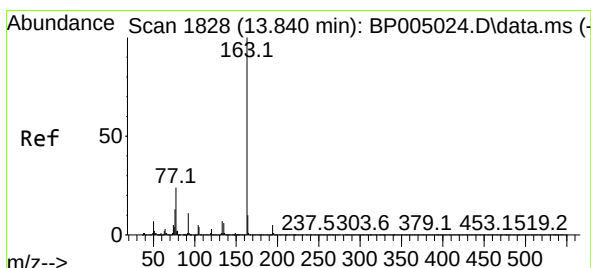
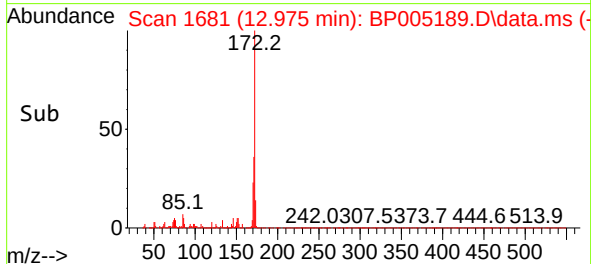
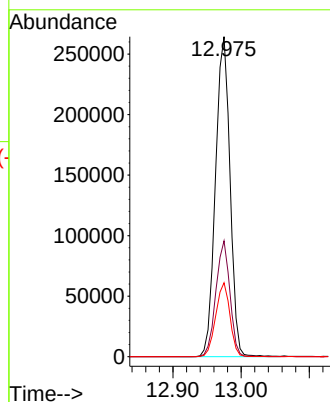
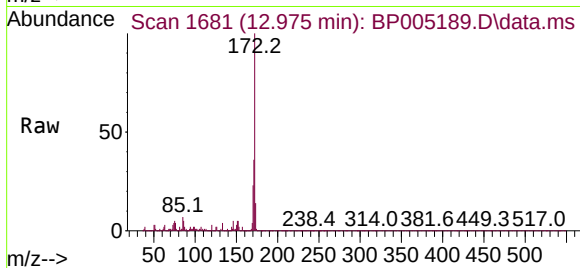




#45
2-Fluorobiphenyl
Concen: 94.12 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005189.D
Acq: 05 Apr 2021 21:03

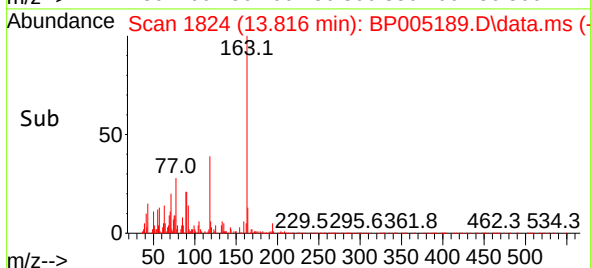
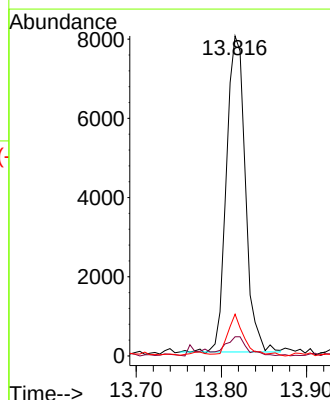
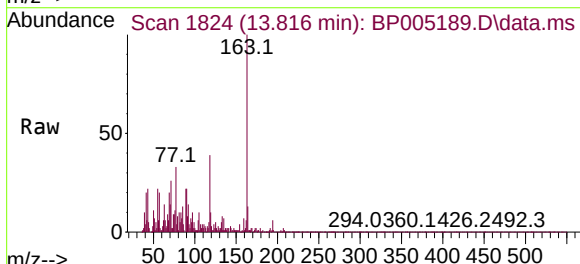
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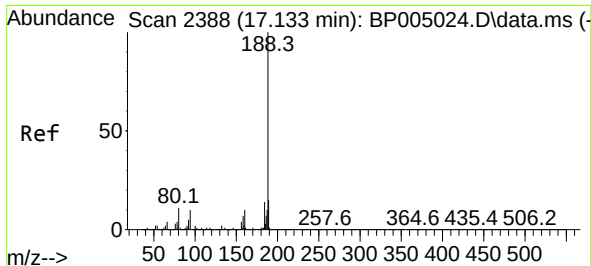
Tgt Ion:172	Resp:	392519
Ion Ratio	Lower	Upper
172	100	
171	36.2	28.5 42.7
170	23.1	19.2 28.8



#50
Dimethylphthalate
Concen: 2.83 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BP005189.D
Acq: 05 Apr 2021 21:03

Tgt Ion:163	Resp:	12295
Ion Ratio	Lower	Upper
163	100	
194	6.0	3.3 4.9#
164	13.1	8.2 12.2#

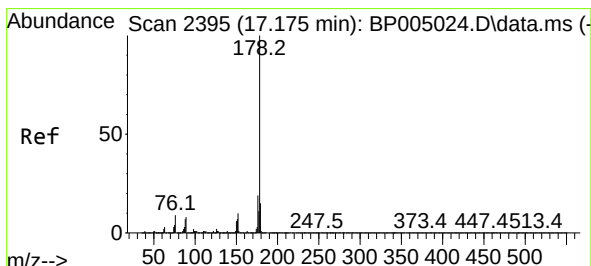
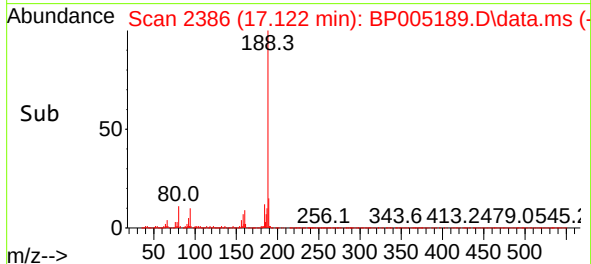
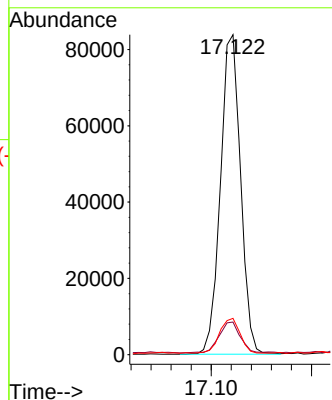
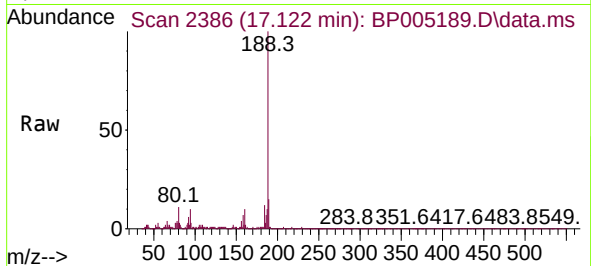




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.122 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BP005189.D
Acq: 05 Apr 2021 21:03

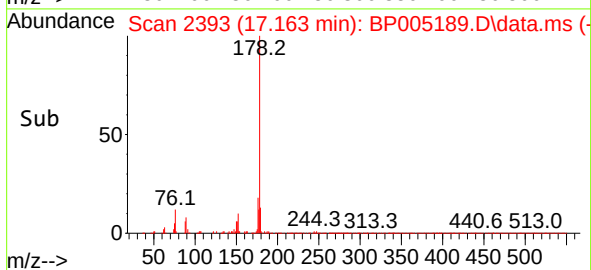
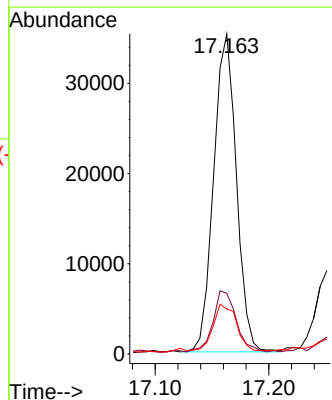
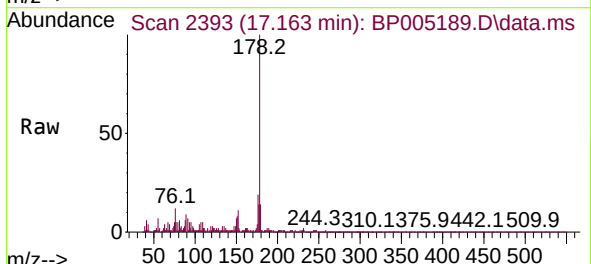
Instrument :
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ClientSampleId :
TP-6S-(0-4)

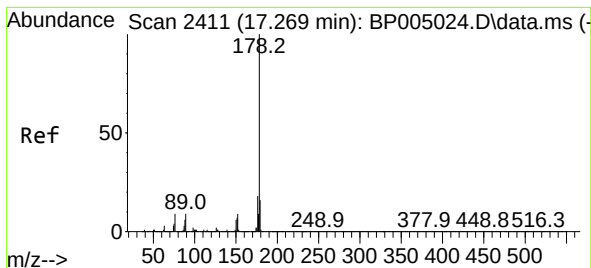
Tgt Ion:188 Resp: 116867
Ion Ratio Lower Upper
188 100
94 10.2 6.2 9.2#
80 11.3 6.2 9.2#



#71
Phenanthrene
Concen: 7.25 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BP005189.D
Acq: 05 Apr 2021 21:03

Tgt Ion:178 Resp: 49094
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 14.1 12.5 18.7





#72

Anthracene

Concen: 2.07 ng

RT: 17.251 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BP005189.D

Acq: 05 Apr 2021 21:03

Tgt Ion:178 Resp: 13686

Ion Ratio Lower Upper

178 100

176 20.2 15.0 22.4

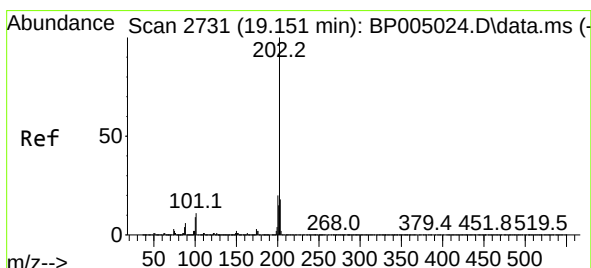
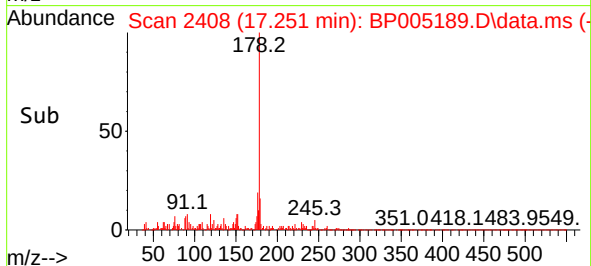
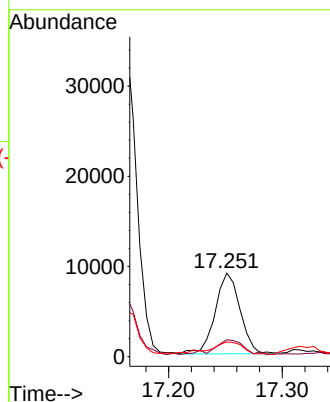
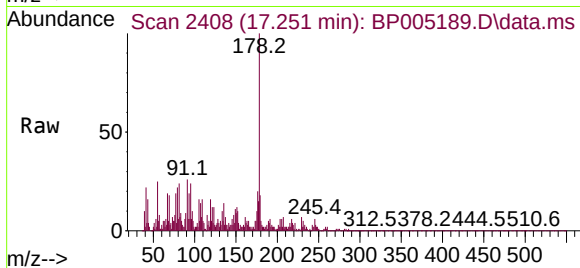
179 17.8 12.5 18.7

Instrument :

BNA_P

ClientSampleId :

TP-6S-(0-4)



#75

Fluoranthene

Concen: 13.08 ng

RT: 19.145 min Scan# 2730

Delta R.T. -0.000 min

Lab File: BP005189.D

Acq: 05 Apr 2021 21:03

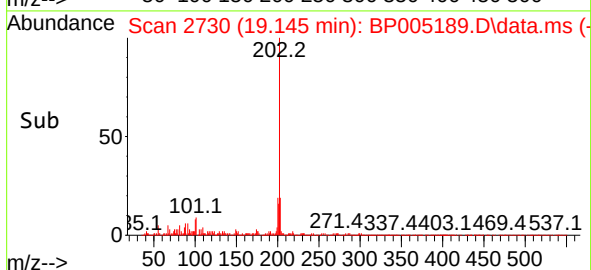
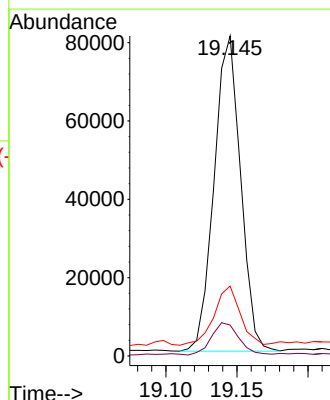
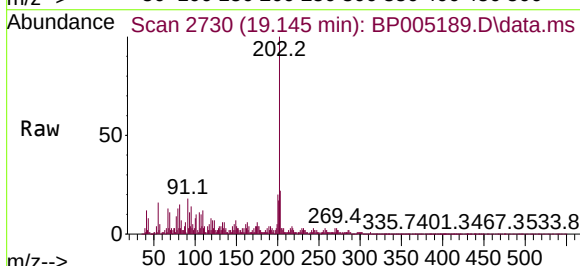
Tgt Ion:202 Resp: 104230

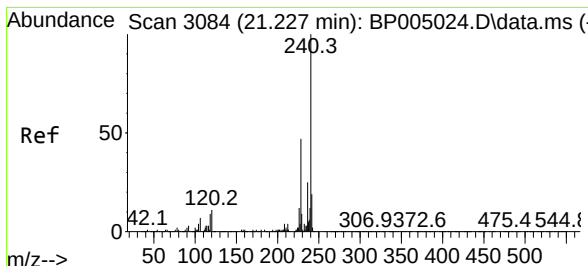
Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.4

203 21.8 0.0 37.8





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.227 min Scan# 3084

Delta R.T. -0.000 min

Lab File: BP005189.D

Acq: 05 Apr 2021 21:03

Tgt Ion:240 Resp: 129016

Ion Ratio Lower Upper

240 100

120 15.6 7.8 11.6#

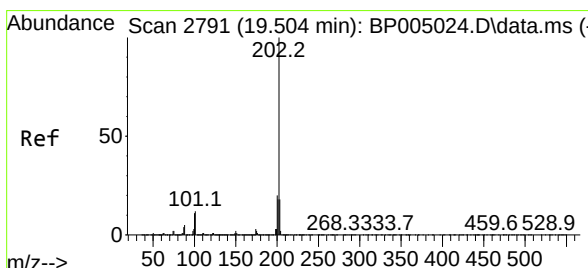
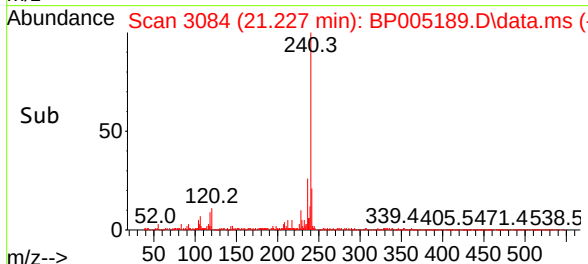
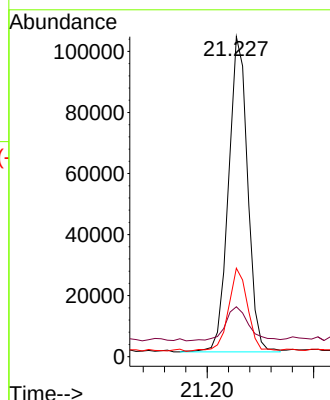
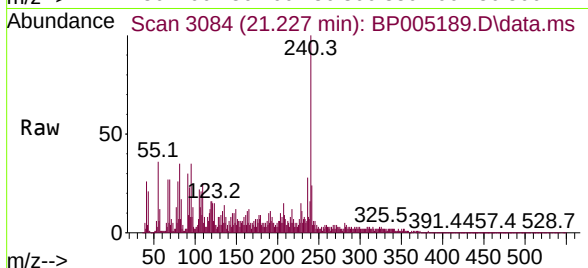
236 27.6 20.8 31.2

Instrument :

BNA_P

ClientSampleId :

TP-6S-(0-4)



#78

Pyrene

Concen: 11.37 ng

RT: 19.498 min Scan# 2790

Delta R.T. -0.000 min

Lab File: BP005189.D

Acq: 05 Apr 2021 21:03

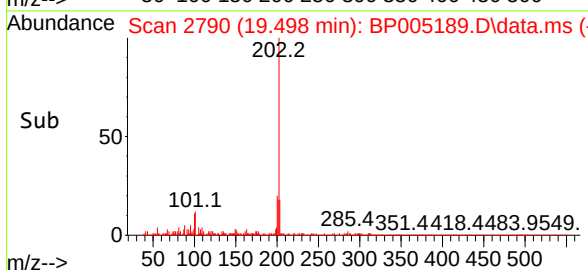
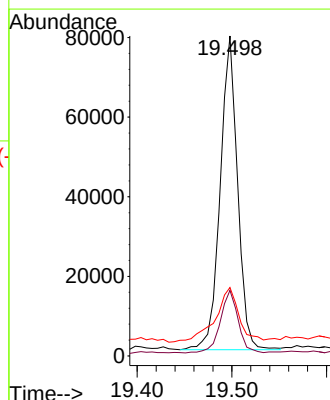
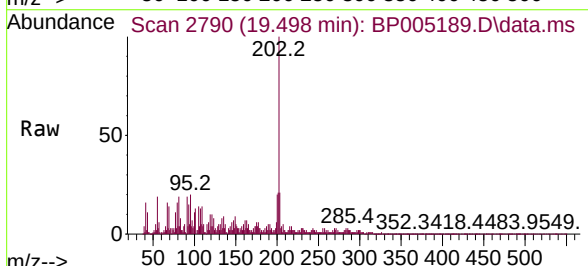
Tgt Ion:202 Resp: 100779

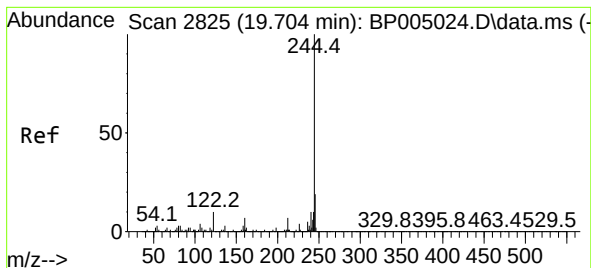
Ion Ratio Lower Upper

202 100

200 20.5 17.1 25.7

203 21.4 14.2 21.2#





#79

Terphenyl-d14

Concen: 77.09 ng

RT: 19.698 min Scan# 2824

Delta R.T. -0.000 min

Lab File: BP005189.D

Acq: 05 Apr 2021 21:03

Instrument :

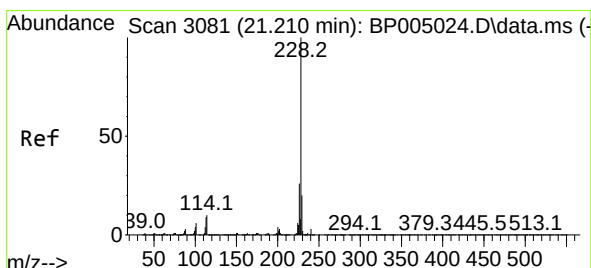
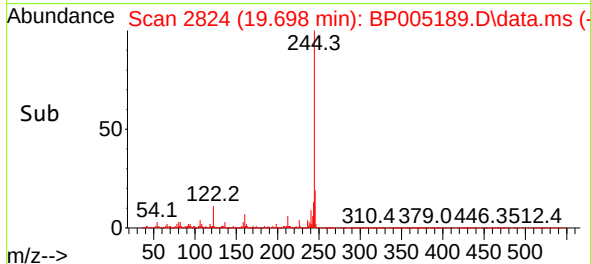
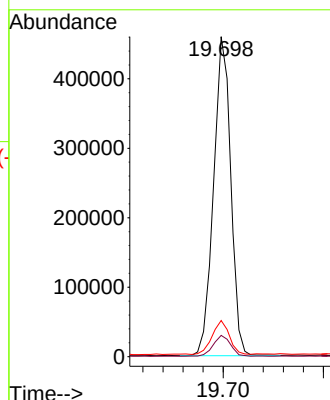
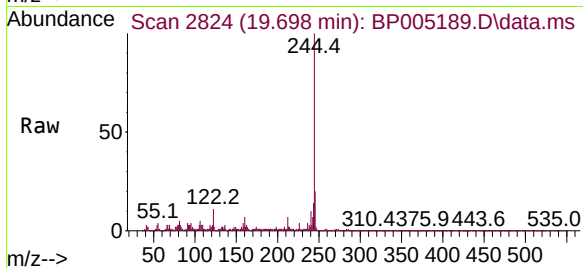
BNA_P

ClientSampleId :

TP-6S-(0-4)

Tgt Ion:244 Resp: 546362

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	11.3	7.8	11.8



#81

Benzo(a)anthracene

Concen: 6.57 ng

RT: 21.216 min Scan# 3082

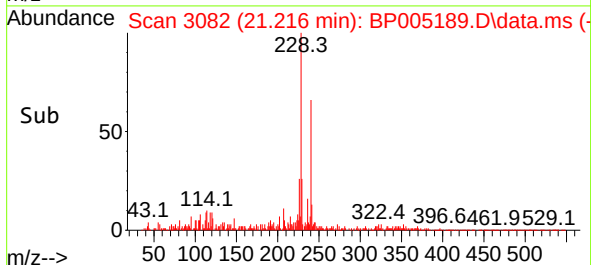
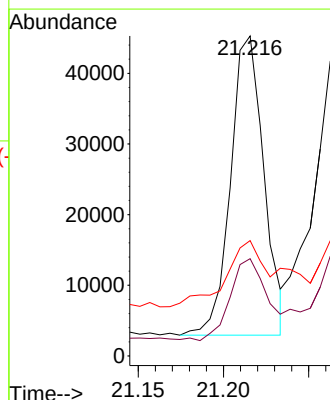
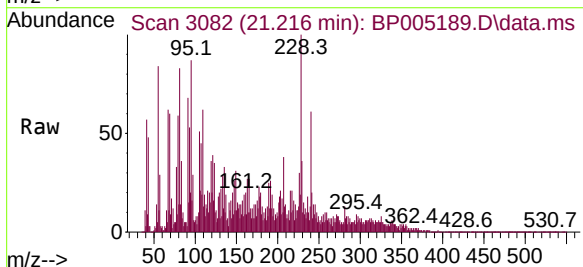
Delta R.T. 0.006 min

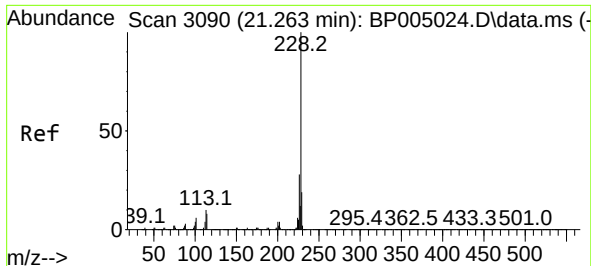
Lab File: BP005189.D

Acq: 05 Apr 2021 21:03

Tgt Ion:228 Resp: 57545

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.1	33.1
229	36.1	15.9	23.9

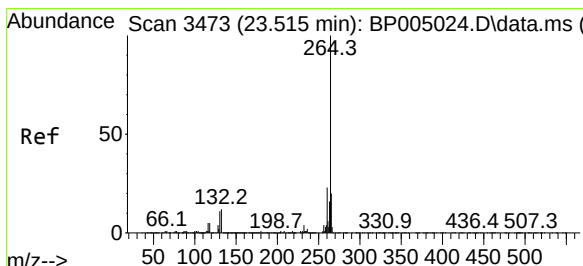
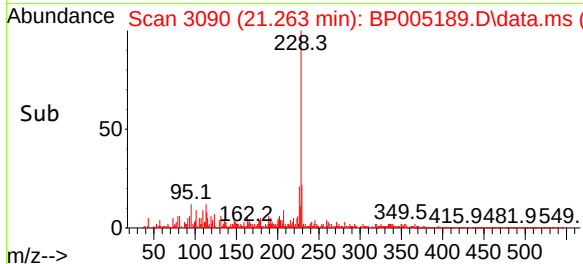
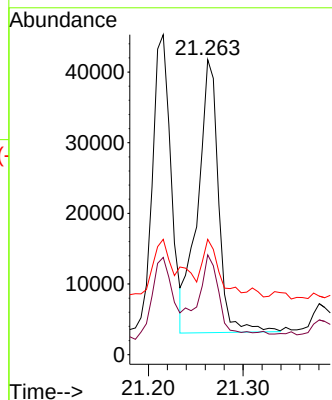
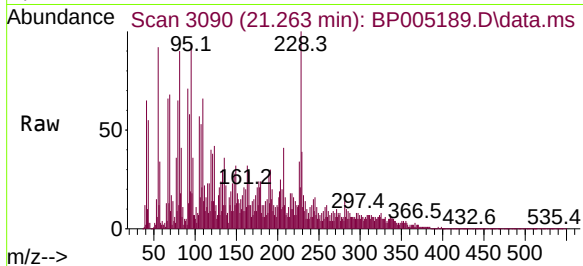




#83
Chrysene
Concen: 6.86 ng
RT: 21.263 min Scan# 3090
Delta R.T. -0.000 min
Lab File: BP005189.D
Acq: 05 Apr 2021 21:03

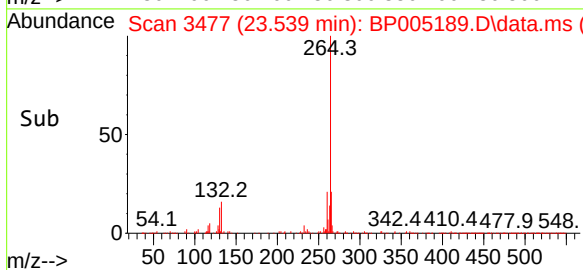
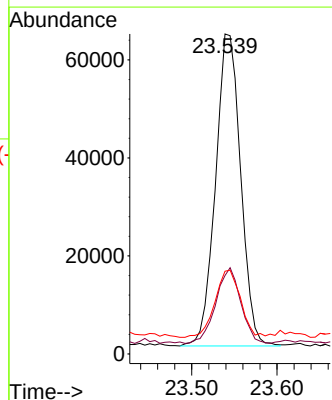
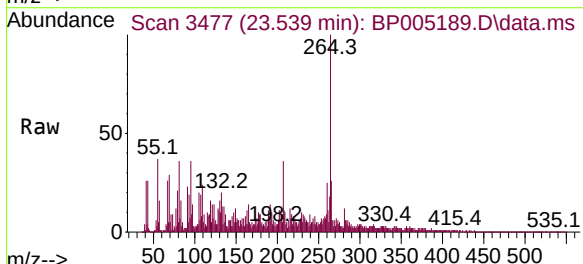
Instrument :
BNA_P
ClientSampleId :
TP-6S-(0-4)

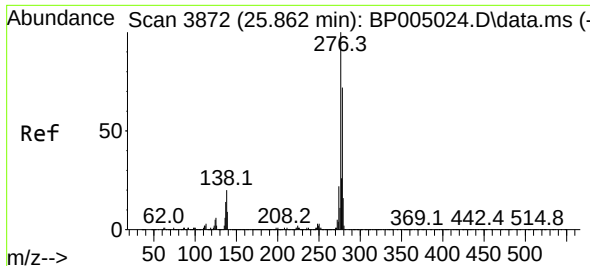
Tgt Ion:228	Resp: 59046
Ion Ratio	Lower Upper
228 100	
226 33.8	24.4 36.6
229 39.1	15.8 23.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.539 min Scan# 3477
Delta R.T. 0.029 min
Lab File: BP005189.D
Acq: 05 Apr 2021 21:03

Tgt Ion:264	Resp: 130756
Ion Ratio	Lower Upper
264 100	
260 24.5	18.8 28.2
265 25.9	17.4 26.2

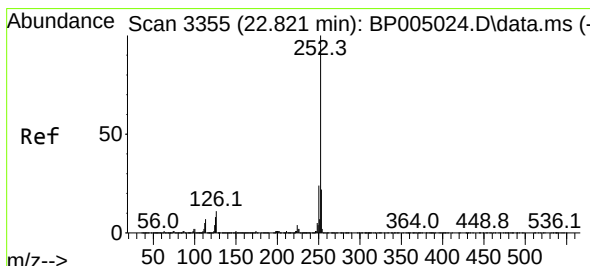
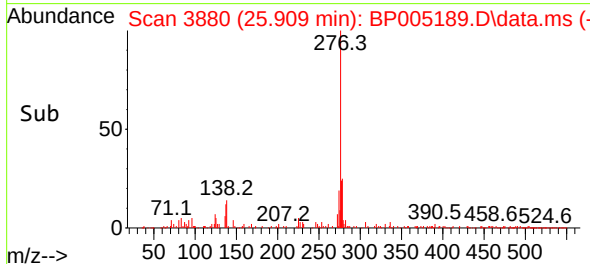
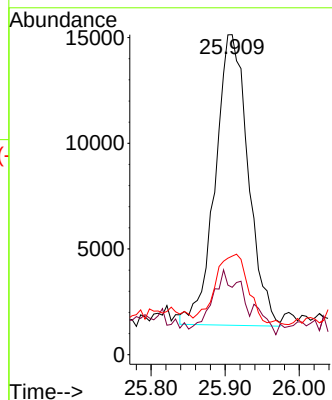
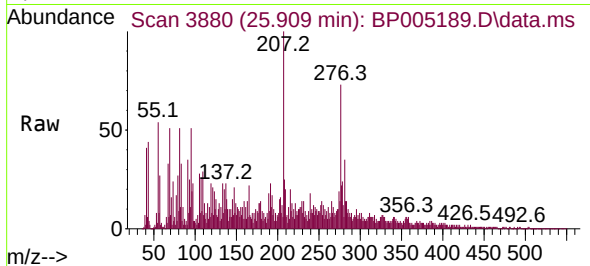




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.32 ng
 RT: 25.909 min Scan# 3880
 Delta R.T. 0.047 min
 Lab File: BP005189.D
 Acq: 05 Apr 2021 21:03

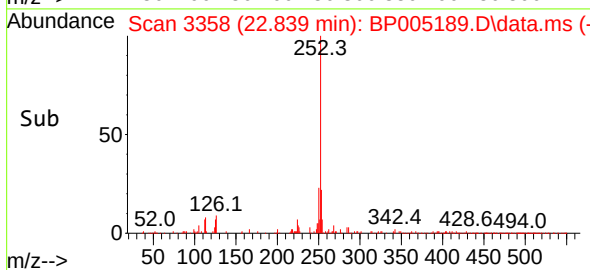
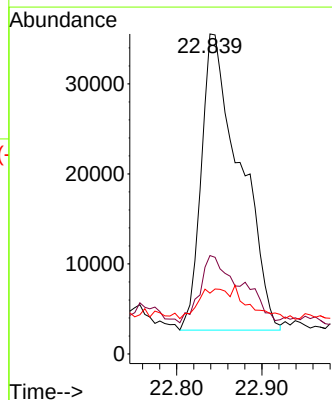
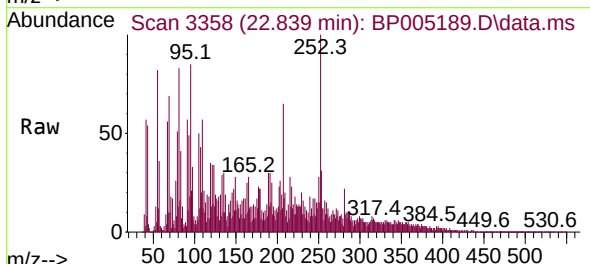
Instrument :
 BNA_P
 ClientSampleId :
 TP-6S-(0-4)

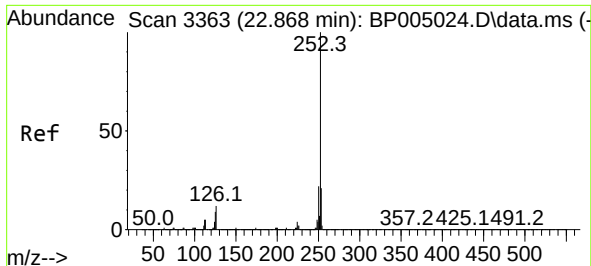
Tgt Ion:276 Resp: 42377
 Ion Ratio Lower Upper
 276 100
 138 16.4 18.7 28.1#
 277 23.0 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 11.20 ng
 RT: 22.839 min Scan# 3358
 Delta R.T. 0.023 min
 Lab File: BP005189.D
 Acq: 05 Apr 2021 21:03

Tgt Ion:252 Resp: 103981
 Ion Ratio Lower Upper
 252 100
 253 30.7 17.6 26.4#
 125 19.0 7.3 10.9#

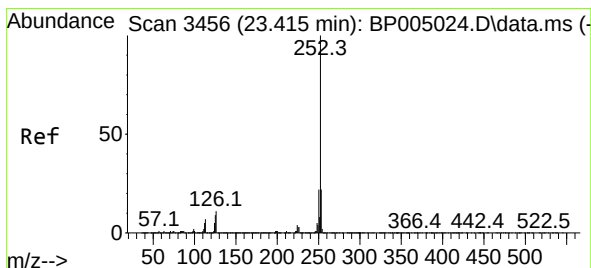
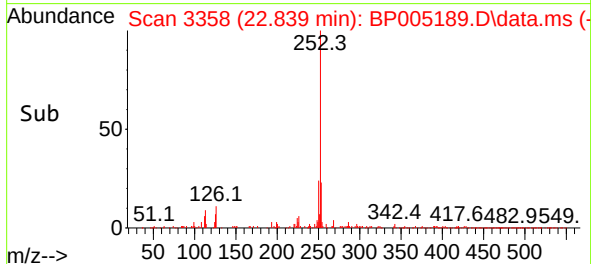
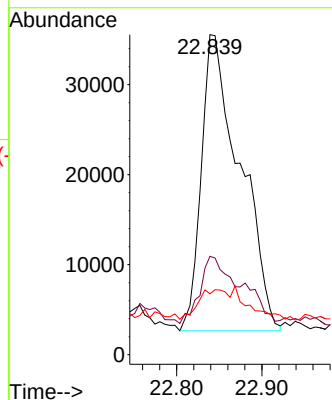
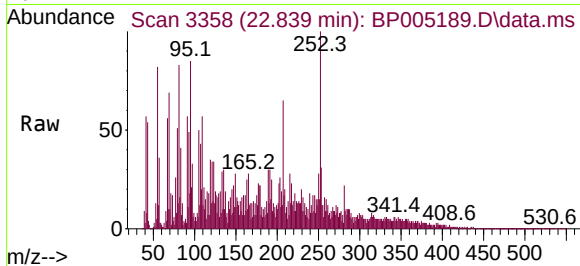




#89
Benzo(k)fluoranthene
Concen: 11.69 ng
RT: 22.839 min Scan# 3358
Delta R.T. -0.024 min
Lab File: BP005189.D
Acq: 05 Apr 2021 21:03

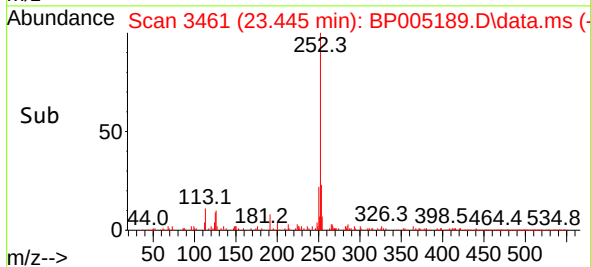
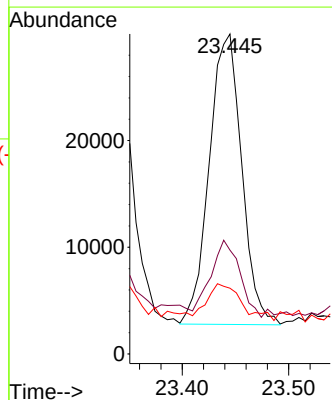
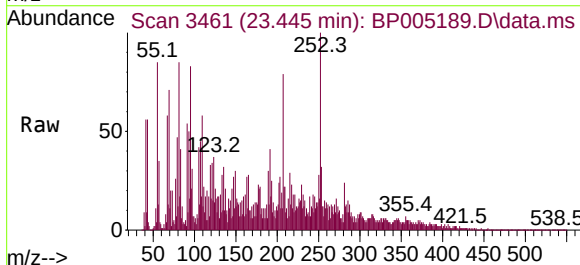
Instrument :
BNA_P
ClientSampleId :
TP-6S-(0-4)

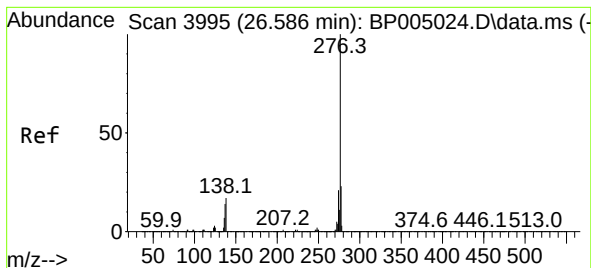
Tgt Ion:252 Resp: 103981
Ion Ratio Lower Upper
252 100
253 30.7 17.8 26.8#
125 19.0 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 6.92 ng
RT: 23.445 min Scan# 3461
Delta R.T. 0.035 min
Lab File: BP005189.D
Acq: 05 Apr 2021 21:03

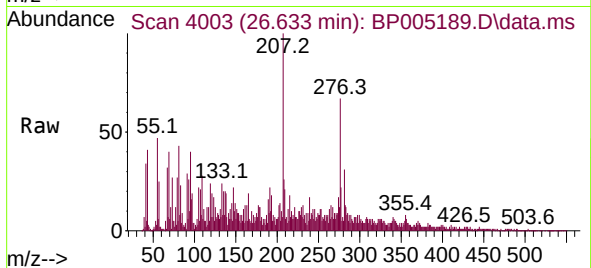
Tgt Ion:252 Resp: 57594
Ion Ratio Lower Upper
252 100
253 32.4 17.4 26.0#
125 20.6 8.2 12.4#





#92
 Benzo(g,h,i)perylene
 Concen: 4.85 ng
 RT: 26.633 min Scan# 4003
 Delta R.T. 0.053 min
 Lab File: BP005189.D
 Acq: 05 Apr 2021 21:03

Instrument :
 BNA_P
 ClientSampleId :
 TP-6S-(0-4)



Tgt Ion: 276 Resp: 39673
 Ion Ratio Lower Upper
 276 100
 277 32.9 19.0 28.6#
 138 28.7 16.6 24.8#

