

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040521\
 Data File : BP005188.D
 Acq On : 05 Apr 2021 20:29
 Operator : CG/JU
 Sample : M1911-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-6D-(4-10)

Quant Time: Apr 06 00:33:41 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)

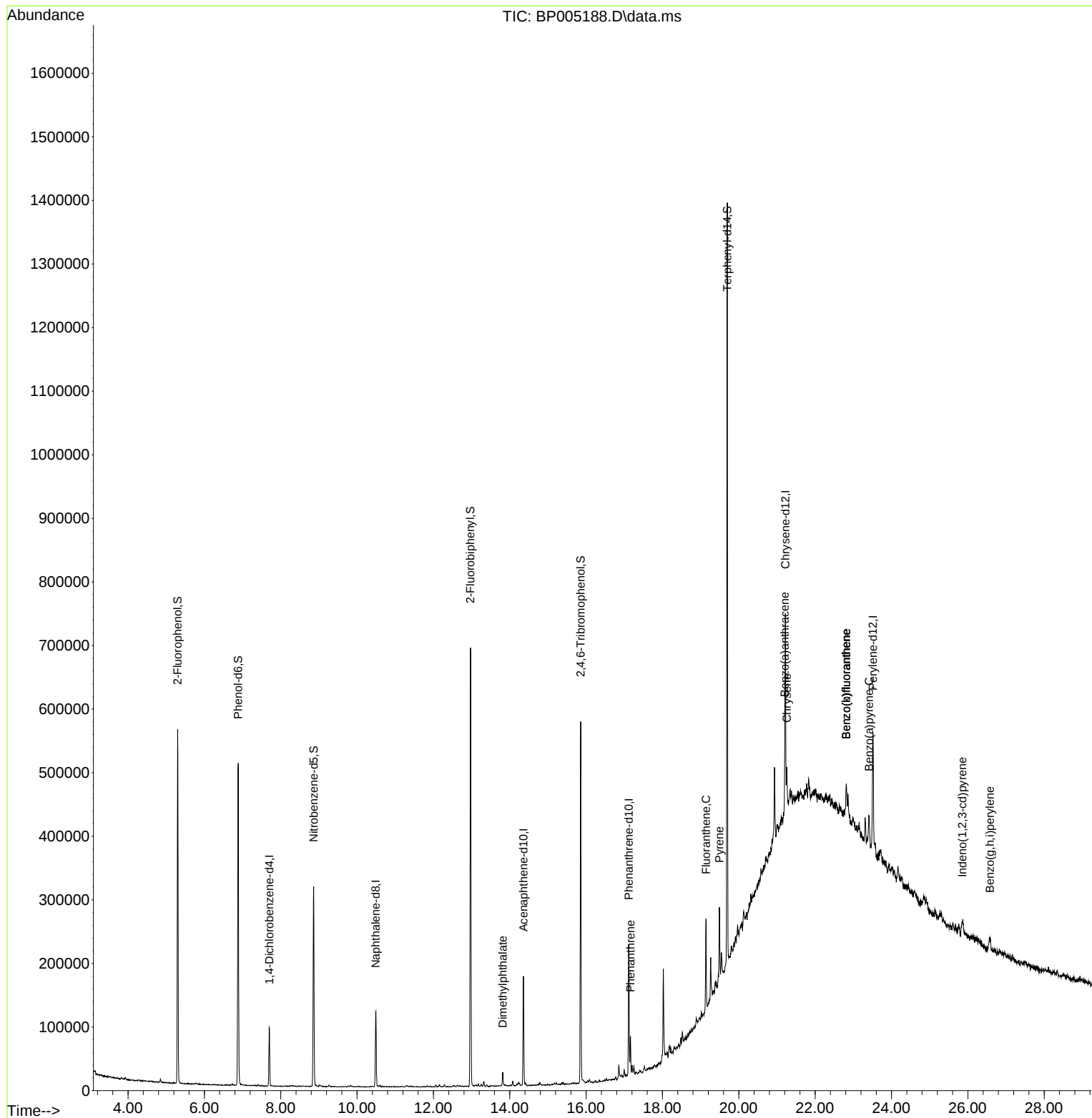
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	24502	20.00	ng	0.00
21) Naphthalene-d8	10.487	136	92658	20.00	ng	#-0.01
39) Acenaphthene-d10	14.357	164	55524	20.00	ng	0.00
64) Phenanthrene-d10	17.116	188	119888	20.00	ng	#-0.01
76) Chrysene-d12	21.222	240	125553	20.00	ng	# 0.00
86) Perylene-d12	23.516	264	128847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	229643	144.23	ng	0.00
7) Phenol-d6	6.887	99	297639	130.51	ng	0.00
23) Nitrobenzene-d5	8.863	82	191442	88.65	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	98089	135.59	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	353968	86.24	ng	-0.01
79) Terphenyl-d14	19.698	244	532094	77.15	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.816	163	11340	2.65	ng	98
71) Phenanthrene	17.163	178	33992	4.89	ng	98
75) Fluoranthene	19.139	202	70290	8.60	ng	95
78) Pyrene	19.492	202	69012	8.00	ng	99
81) Benzo(a)anthracene	21.204	228	34704	4.07	ng	# 90
83) Chrysene	21.257	228	33964	4.06	ng	# 90
87) Indeno(1,2,3-cd)pyrene	25.857	276	24102	2.49	ng	94
88) Benzo(b)fluoranthene	22.816	252	45484	4.97	ng	# 91
89) Benzo(k)fluoranthene	22.816	252	45484	5.19	ng	# 92
90) Benzo(a)pyrene	23.410	252	30866	3.76	ng	# 88
92) Benzo(g,h,i)perylene	26.574	276	22872	2.84	ng	94

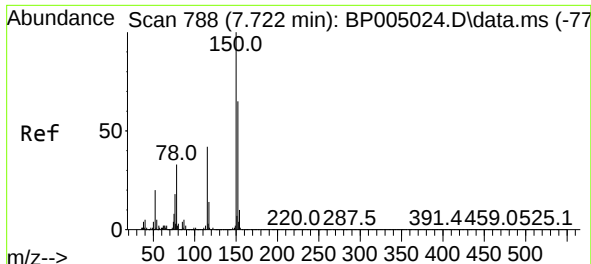
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040521\
Data File : BP005188.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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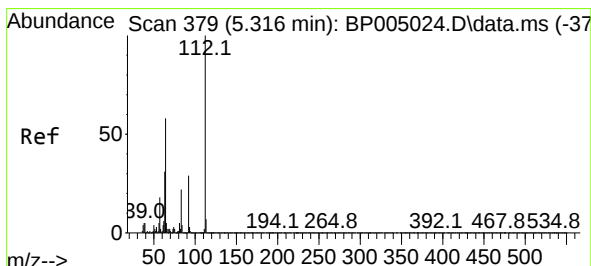
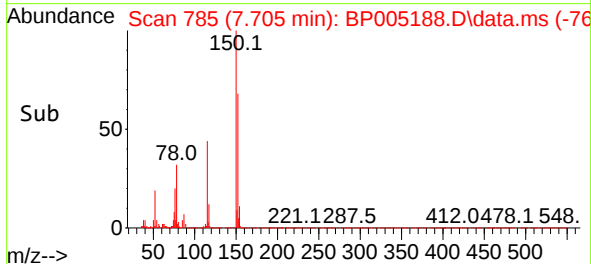
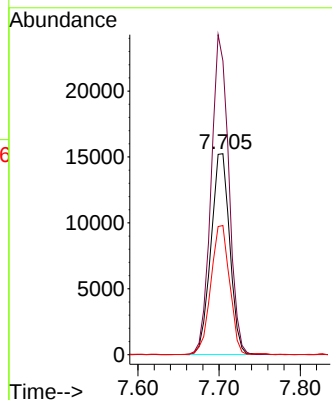
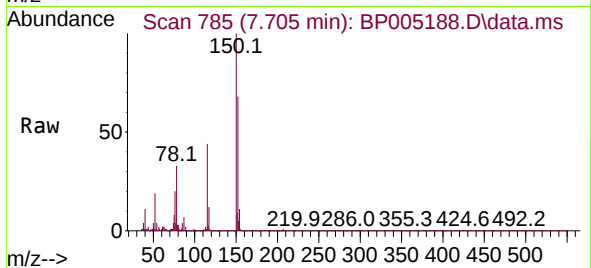




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP005188.D
Acq: 05 Apr 2021 20:29

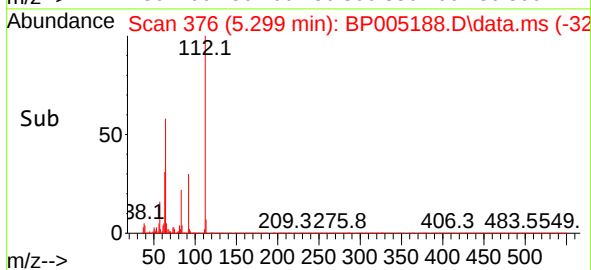
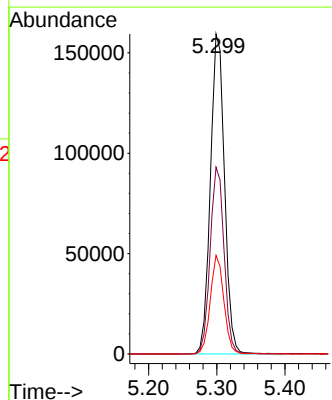
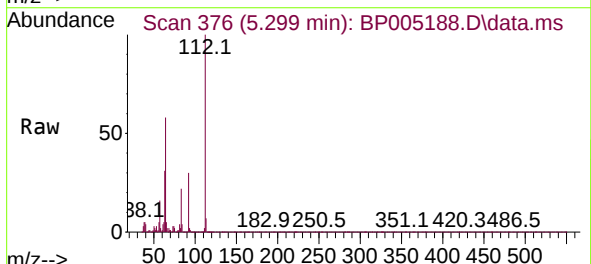
Instrument :
BNA_P
ClientSampleId :
TP-6D-(4-10)

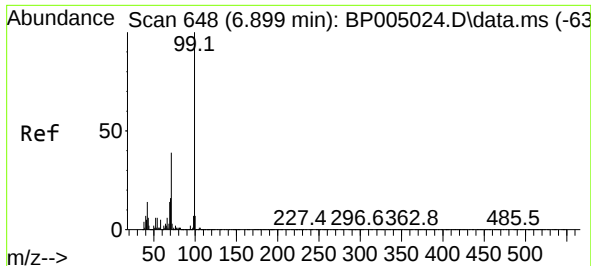
Tgt Ion:152 Resp: 24502
Ion Ratio Lower Upper
152 100
150 146.2 123.8 185.6
115 64.2 43.8 65.6



#5
2-Fluorophenol
Concen: 144.23 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.006 min
Lab File: BP005188.D
Acq: 05 Apr 2021 20:29

Tgt Ion:112 Resp: 229643
Ion Ratio Lower Upper
112 100
64 58.4 32.8 49.2#
63 30.8 17.0 25.4#

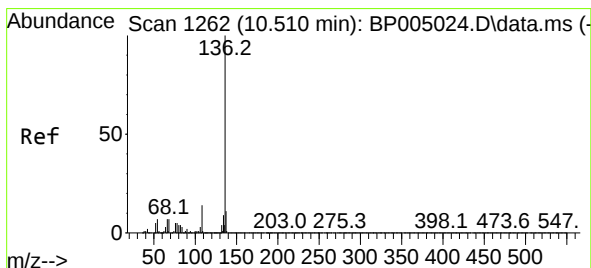
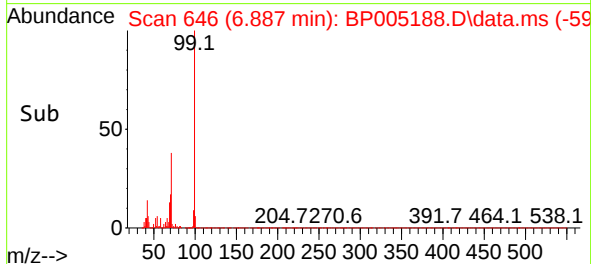
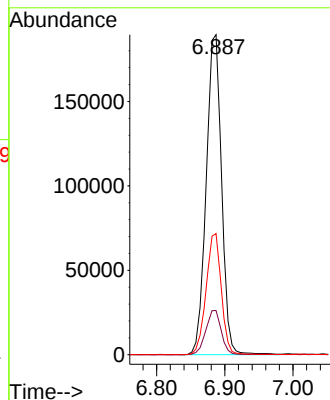
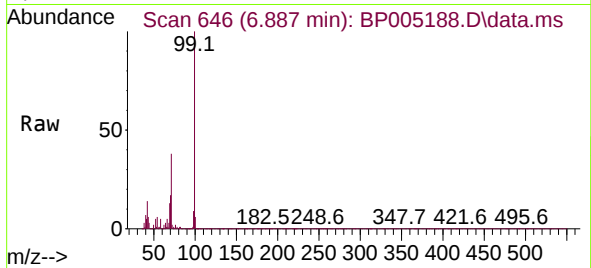




#7
Phenol-d6
Concen: 130.51 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP005188.D
Acq: 05 Apr 2021 20:29

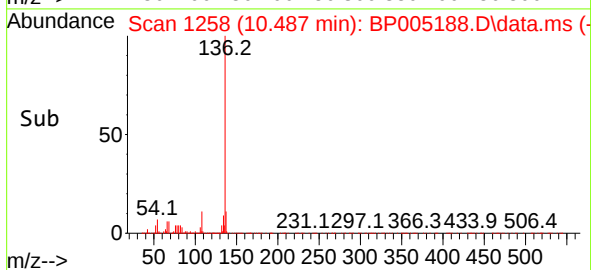
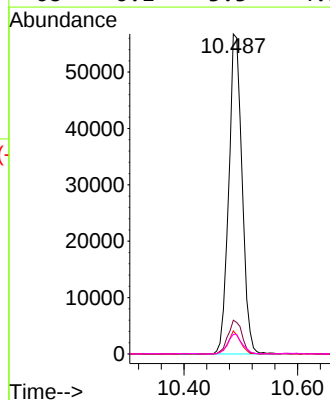
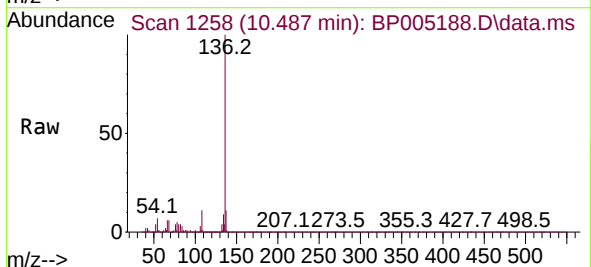
Instrument :
BNA_P
ClientSampleId :
TP-6D-(4-10)

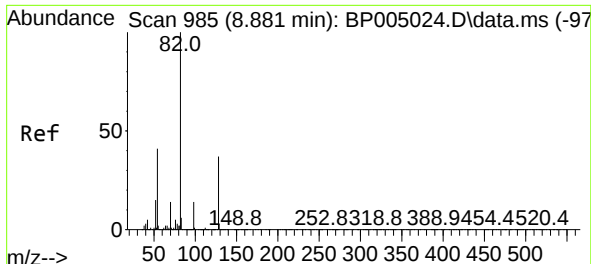
Tgt Ion: 99 Resp: 297639
Ion Ratio Lower Upper
99 100
42 13.8 8.6 13.0#
71 37.8 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP005188.D
Acq: 05 Apr 2021 20:29

Tgt Ion: 136 Resp: 92658
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.2 3.6 5.4#
68 6.1 3.3 4.9#

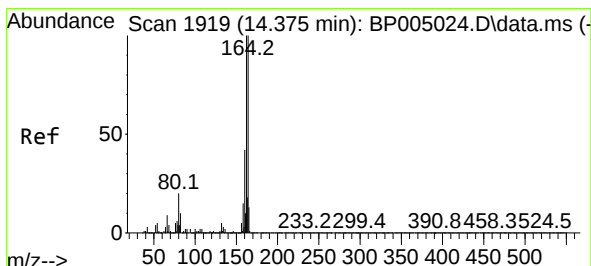
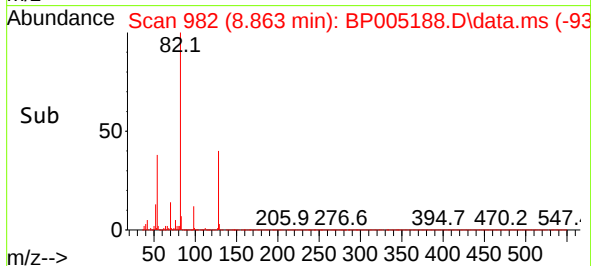
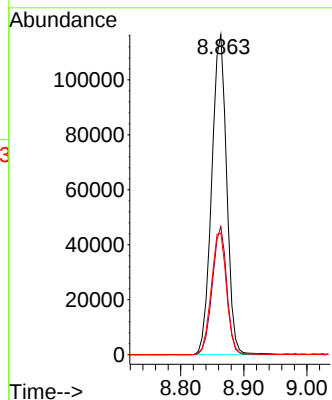
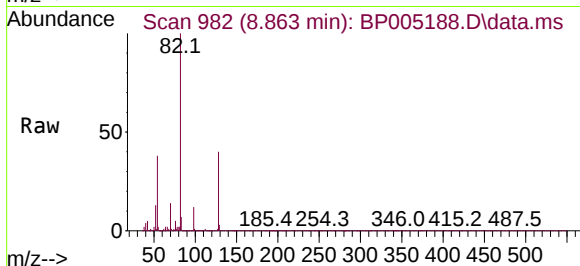




#23
Nitrobenzene-d5
Concen: 88.65 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BP005188.D
Acq: 05 Apr 2021 20:29

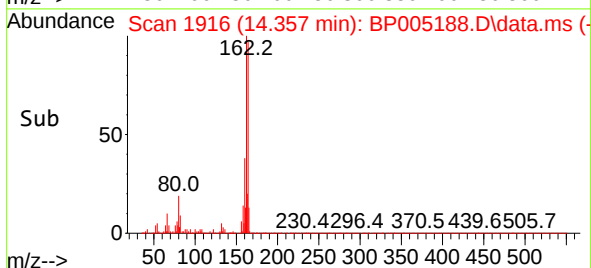
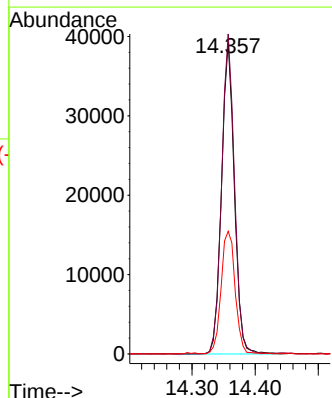
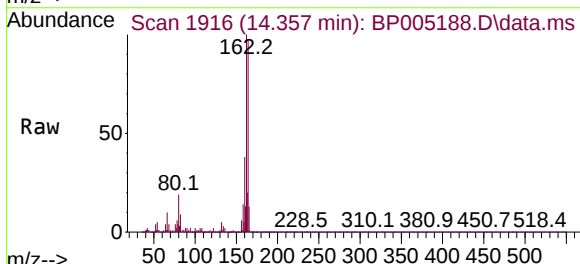
Instrument :
BNA_P
ClientSampleId :
TP-6D-(4-10)

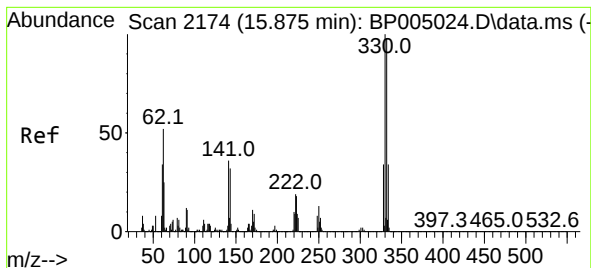
Tgt Ion: 82 Resp: 191442
Ion Ratio Lower Upper
82 100
128 40.1 45.6 68.4#
54 38.0 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP005188.D
Acq: 05 Apr 2021 20:29

Tgt Ion: 164 Resp: 55524
Ion Ratio Lower Upper
164 100
162 102.8 79.4 119.2
160 39.5 36.1 54.1

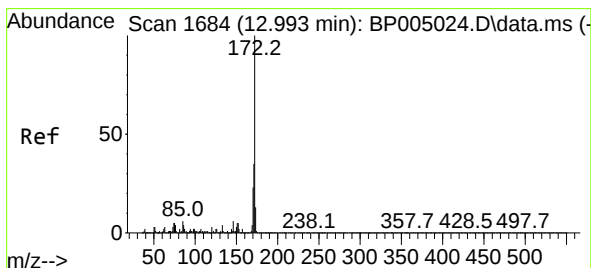
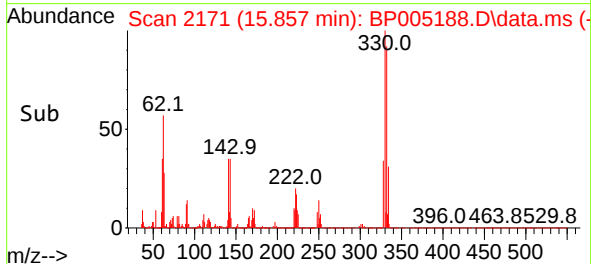
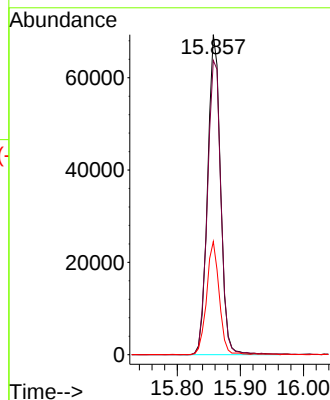
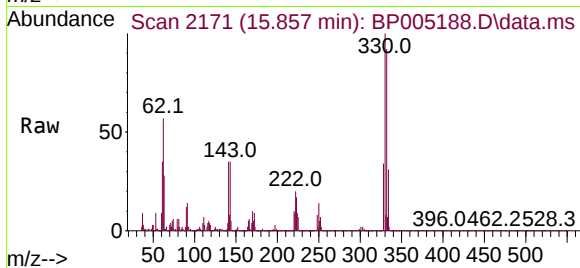




#42
2,4,6-Tribromophenol
Concen: 135.59 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP005188.D
Acq: 05 Apr 2021 20:29

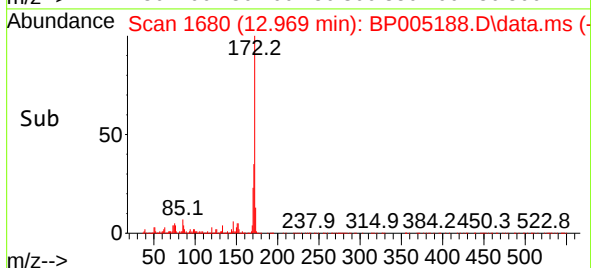
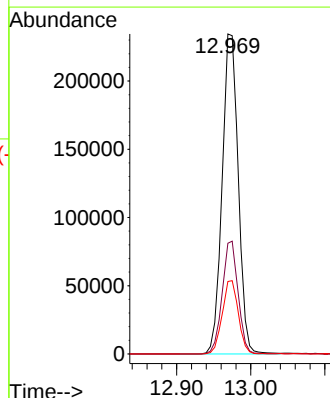
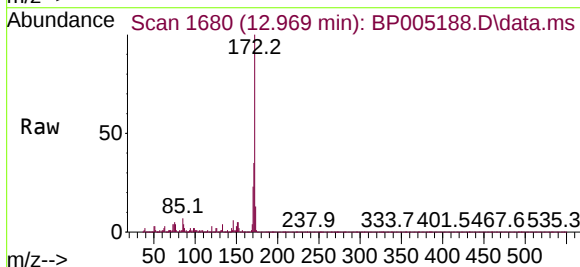
Instrument :
BNA_P
ClientSampleId :
TP-6D-(4-10)

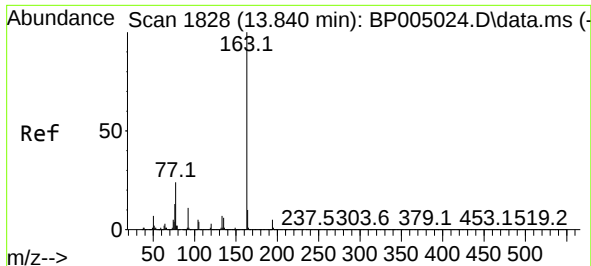
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	34.5	23.4	35.2



#45
2-Fluorobiphenyl
Concen: 86.24 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP005188.D
Acq: 05 Apr 2021 20:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	22.7	19.2	28.8

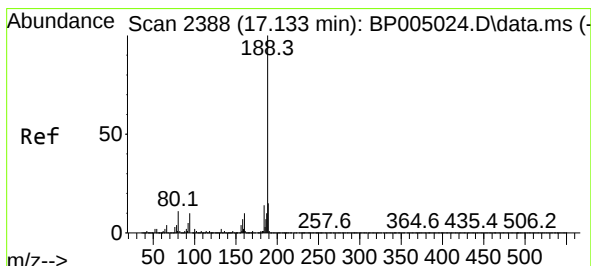
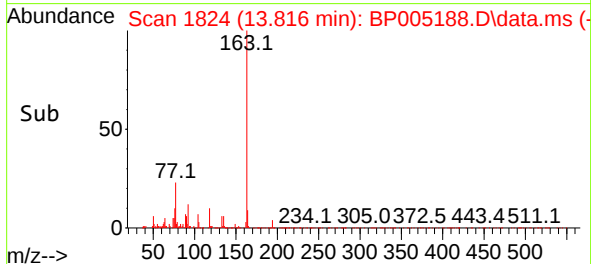
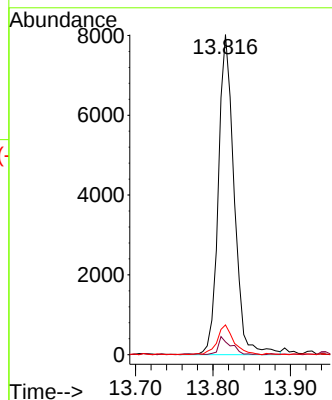
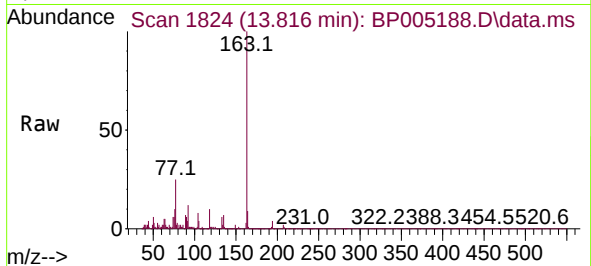




#50
Dimethylphthalate
Concen: 2.65 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BP005188.D
Acq: 05 Apr 2021 20:29

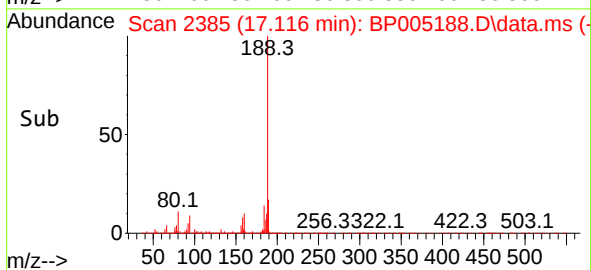
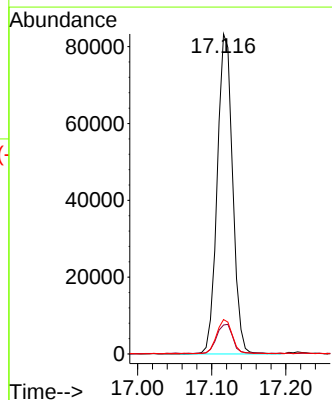
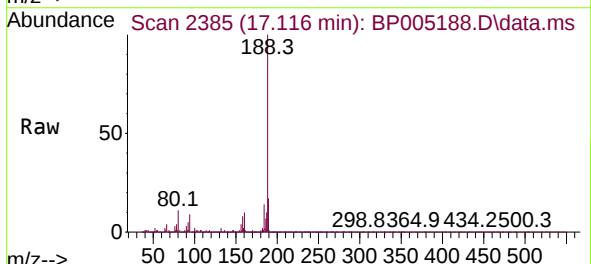
Instrument :
BNA_P
ClientSampleId :
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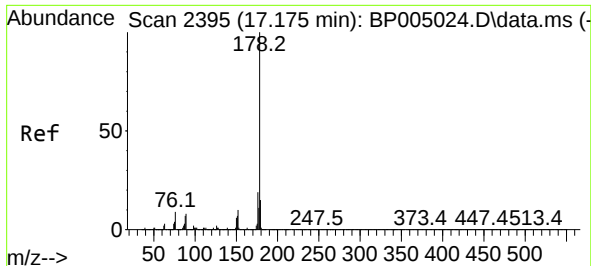
Tgt Ion:163 Resp: 11340
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.3 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.116 min Scan# 2385
Delta R.T. -0.012 min
Lab File: BP005188.D
Acq: 05 Apr 2021 20:29

Tgt Ion:188 Resp: 119888
Ion Ratio Lower Upper
188 100
94 9.0 6.2 9.2
80 10.7 6.2 9.2#

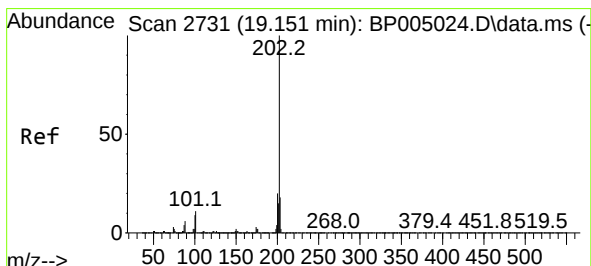
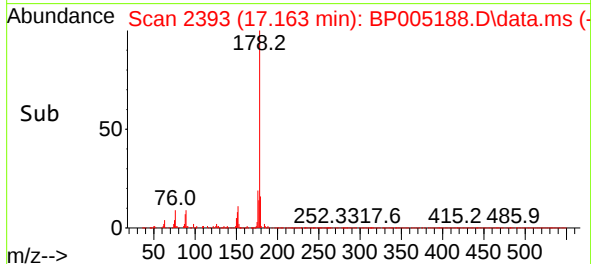
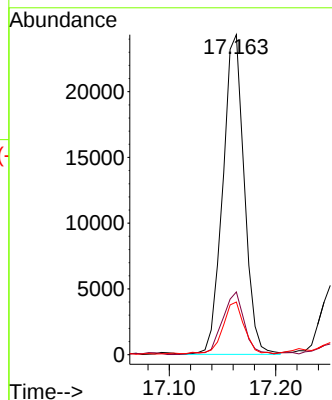
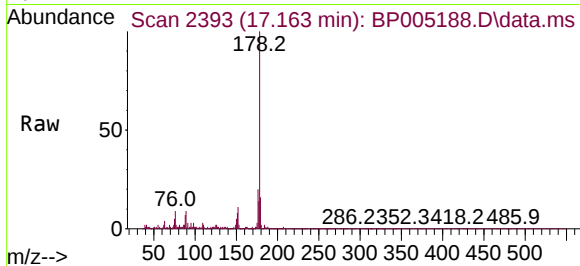




#71
Phenanthrene
Concen: 4.89 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BP005188.D
Acq: 05 Apr 2021 20:29

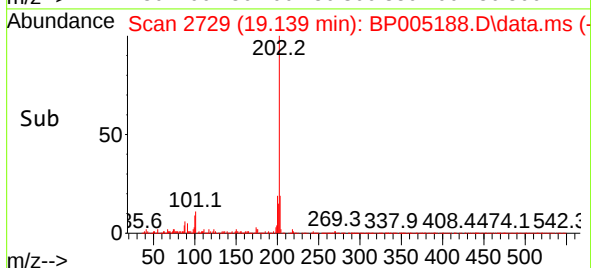
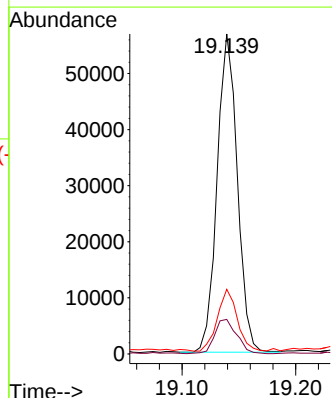
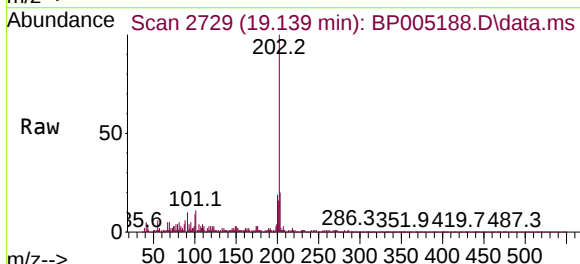
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ClientSampleId :
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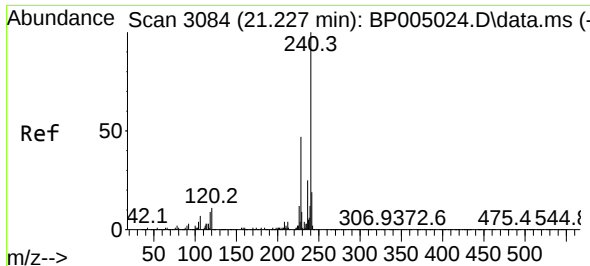
Tgt Ion:178 Resp: 33992
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 16.4 12.5 18.7



#75
Fluoranthene
Concen: 8.60 ng
RT: 19.139 min Scan# 2729
Delta R.T. -0.006 min
Lab File: BP005188.D
Acq: 05 Apr 2021 20:29

Tgt Ion:202 Resp: 70290
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.4
203 20.2 0.0 37.8

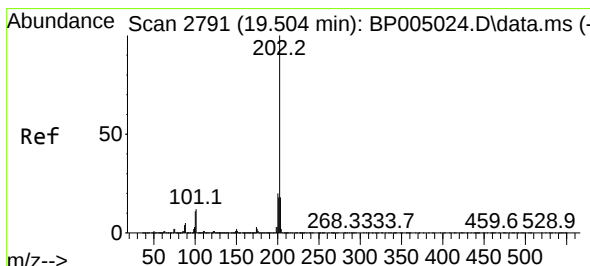
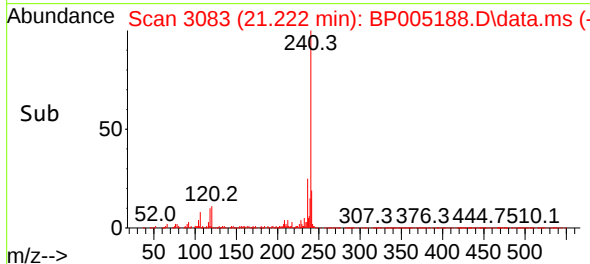
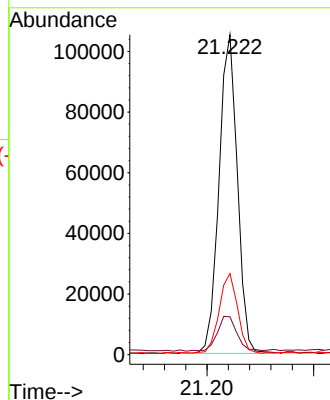
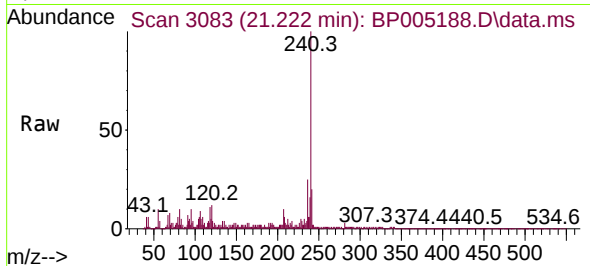




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.222 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP005188.D
Acq: 05 Apr 2021 20:29

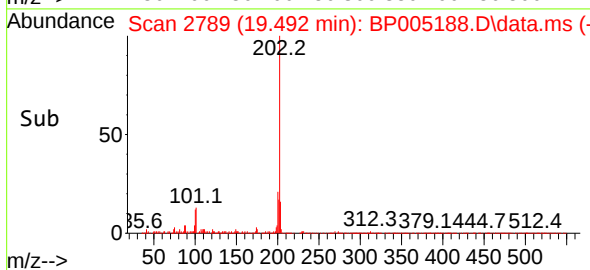
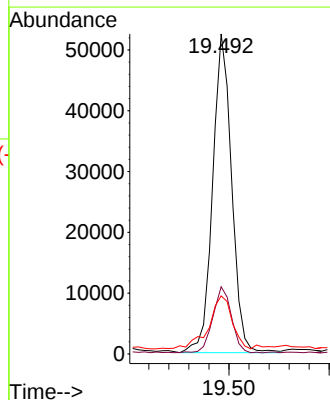
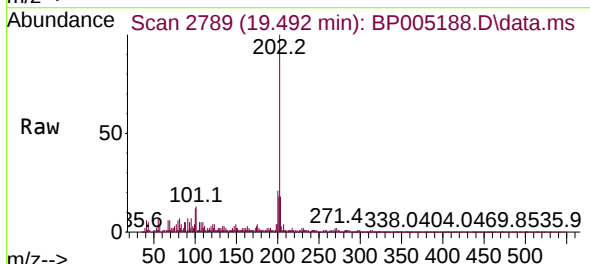
Instrument :
BNA_P
ClientSampleId :
TP-6D-(4-10)

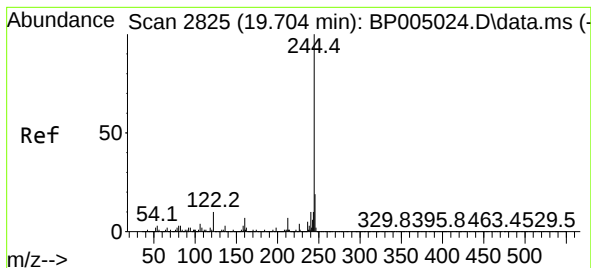
Tgt Ion:240 Resp: 125553
Ion Ratio Lower Upper
240 100
120 11.8 7.8 11.6#
236 25.4 20.8 31.2



#78
Pyrene
Concen: 8.00 ng
RT: 19.492 min Scan# 2789
Delta R.T. -0.006 min
Lab File: BP005188.D
Acq: 05 Apr 2021 20:29

Tgt Ion:202 Resp: 69012
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 18.1 14.2 21.2





#79

Terphenyl-d14

Concen: 77.15 ng

RT: 19.698 min Scan# 2824

Delta R.T. -0.000 min

Lab File: BP005188.D

Acq: 05 Apr 2021 20:29

Instrument :

BNA_P

ClientSampleId :

TP-6D-(4-10)

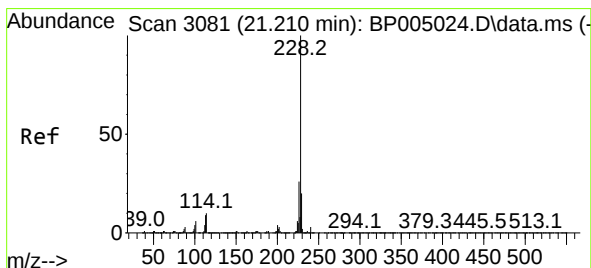
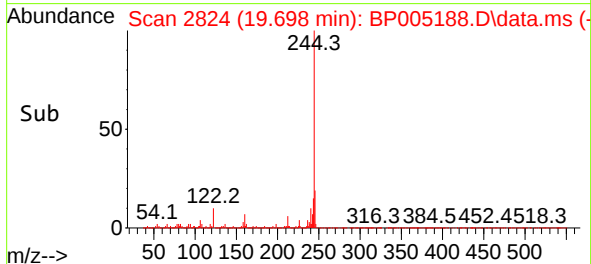
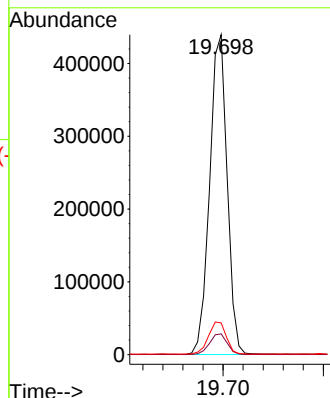
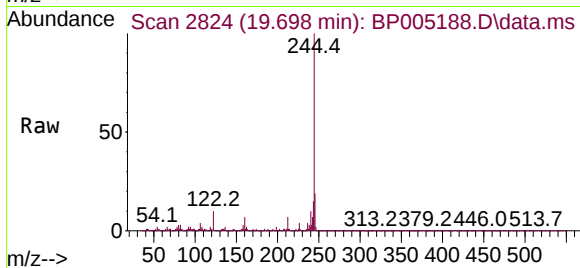
Tgt Ion:244 Resp: 532094

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

122 10.0 7.8 11.8



#81

Benzo(a)anthracene

Concen: 4.07 ng

RT: 21.204 min Scan# 3080

Delta R.T. -0.006 min

Lab File: BP005188.D

Acq: 05 Apr 2021 20:29

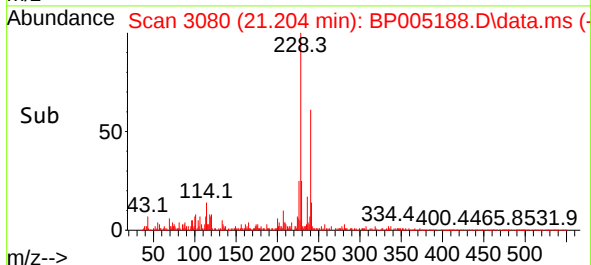
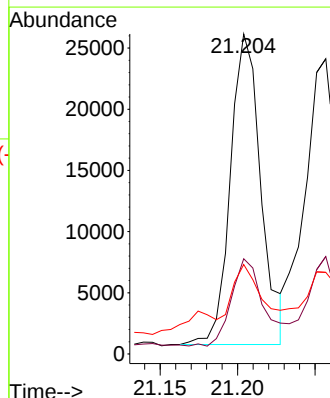
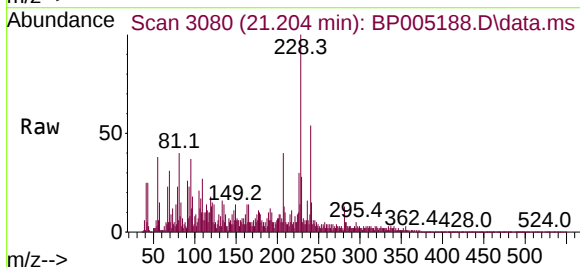
Tgt Ion:228 Resp: 34704

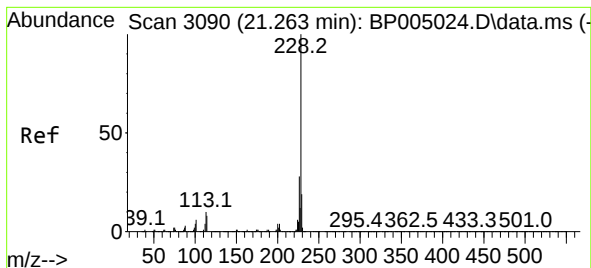
Ion Ratio Lower Upper

228 100

226 29.7 22.1 33.1

229 27.9 15.9 23.9#





#83

Chrysene

Concen: 4.06 ng

RT: 21.257 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BP005188.D

Acq: 05 Apr 2021 20:29

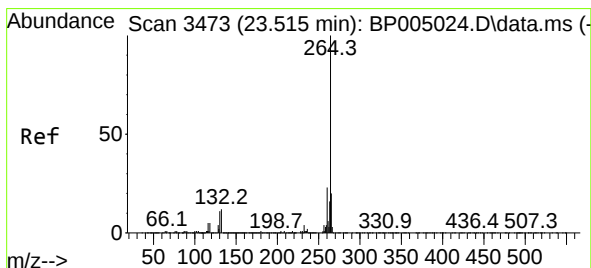
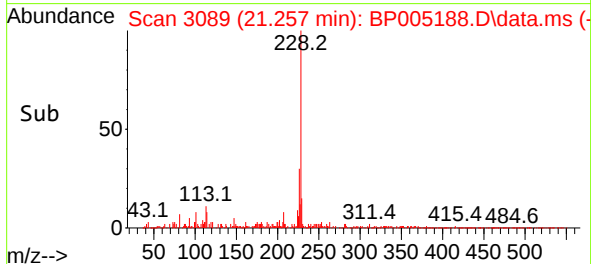
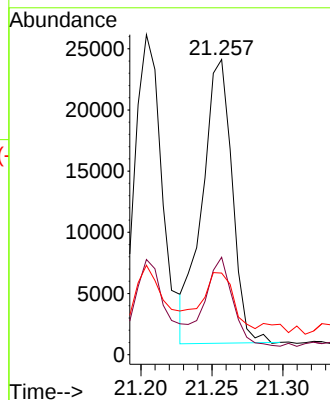
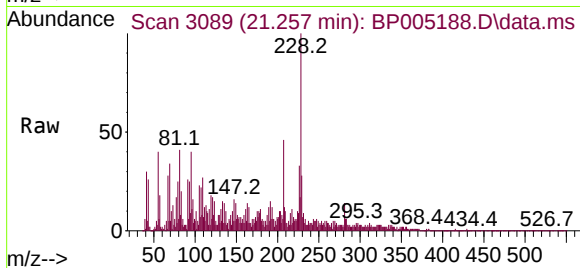
Tgt Ion:	228	Resp:	33964
Ion Ratio	Lower	Upper	
228	100		
226	33.0	24.4	36.6
229	27.7	15.8	23.6#

Instrument :

BNA_P

ClientSampleId :

TP-6D-(4-10)



#86

Perylene-d12

Concen: 20.00 ng

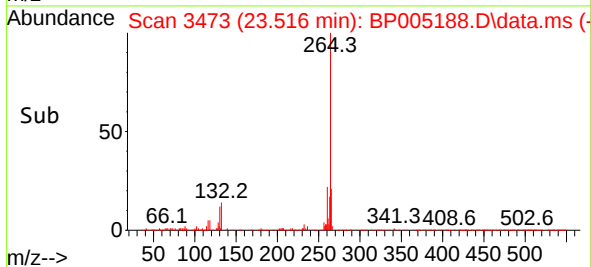
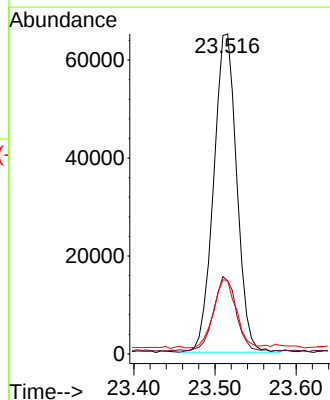
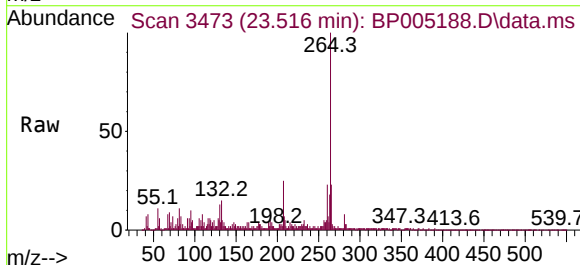
RT: 23.516 min Scan# 3473

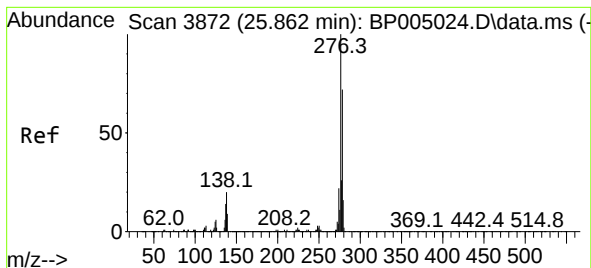
Delta R.T. 0.006 min

Lab File: BP005188.D

Acq: 05 Apr 2021 20:29

Tgt Ion:	264	Resp:	128847
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.8	28.2
265	23.0	17.4	26.2

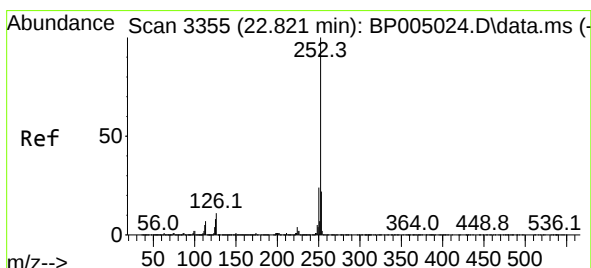
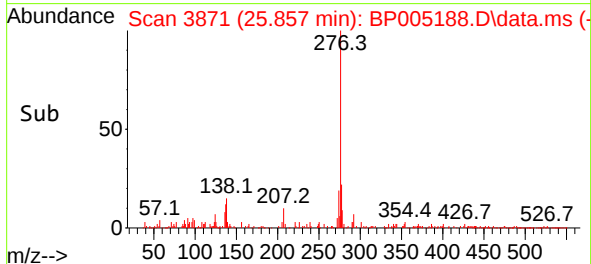
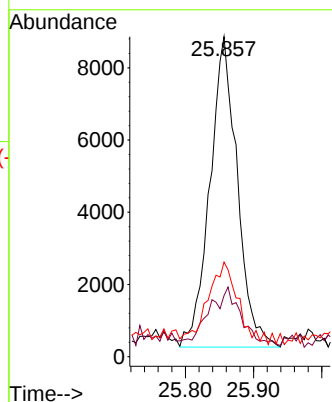
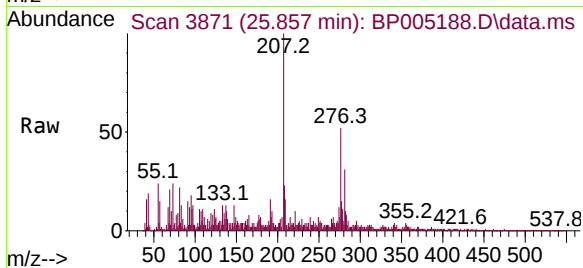




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.49 ng
 RT: 25.857 min Scan# 3871
 Delta R.T. -0.006 min
 Lab File: BP005188.D
 Acq: 05 Apr 2021 20:29

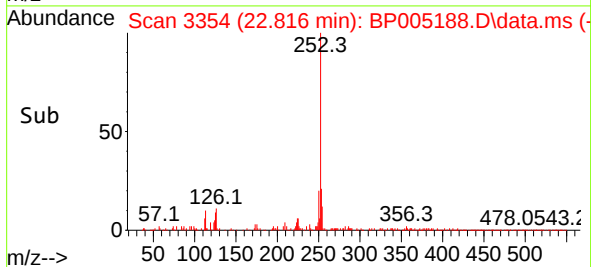
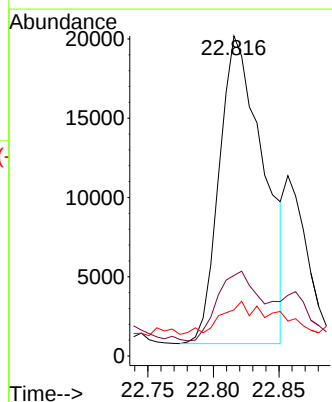
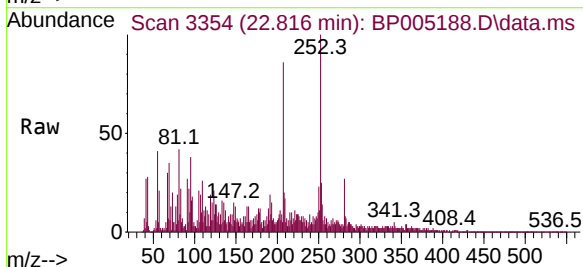
Instrument :
 BNA_P
 ClientSampleId :
 TP-6D-(4-10)

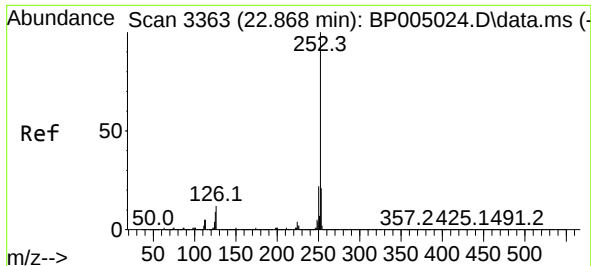
Tgt Ion:	276	Resp:	24102
Ion Ratio	Lower	Upper	
276	100		
138	21.9	18.7	28.1
277	29.6	20.4	30.6



#88
 Benzo(b)fluoranthene
 Concen: 4.97 ng
 RT: 22.816 min Scan# 3354
 Delta R.T. -0.000 min
 Lab File: BP005188.D
 Acq: 05 Apr 2021 20:29

Tgt Ion:	252	Resp:	45484
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.6	26.4
125	14.4	7.3	10.9#

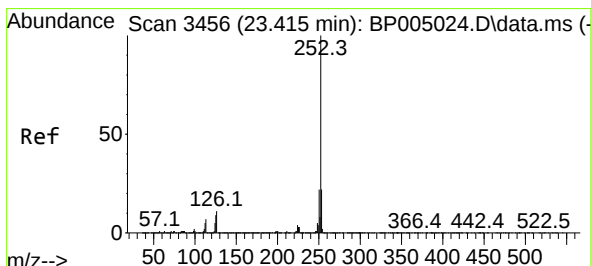
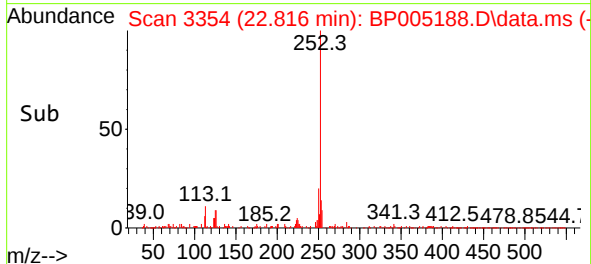
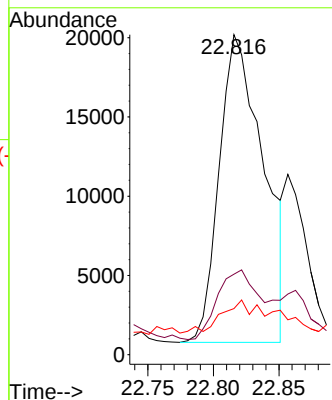
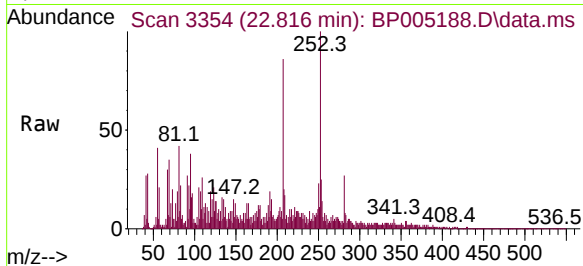




#89
Benzo(k)fluoranthene
Concen: 5.19 ng
RT: 22.816 min Scan# 3354
Delta R.T. -0.047 min
Lab File: BP005188.D
Acq: 05 Apr 2021 20:29

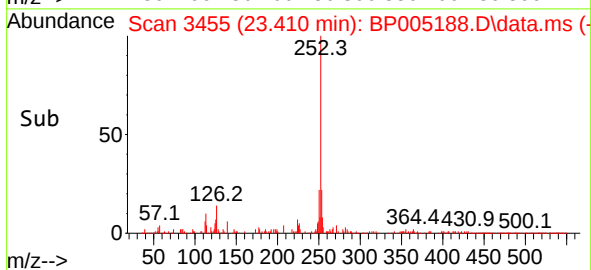
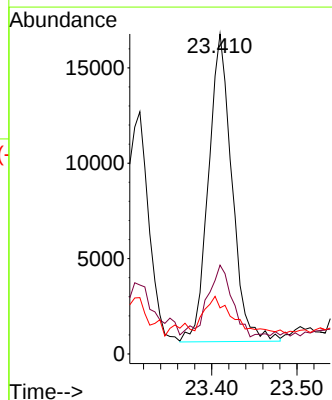
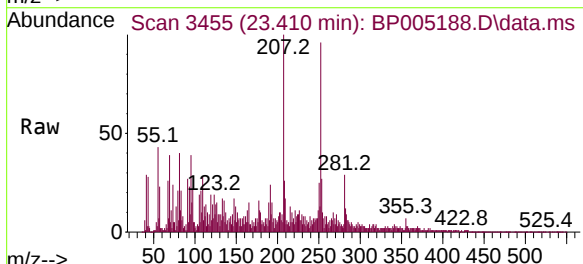
Instrument :
BNA_P
ClientSampleId :
TP-6D-(4-10)

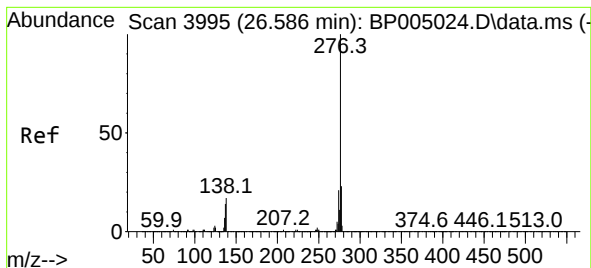
Tgt Ion:252 Resp: 45484
Ion Ratio Lower Upper
252 100
253 25.2 17.8 26.8
125 14.4 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 3.76 ng
RT: 23.410 min Scan# 3455
Delta R.T. -0.000 min
Lab File: BP005188.D
Acq: 05 Apr 2021 20:29

Tgt Ion:252 Resp: 30866
Ion Ratio Lower Upper
252 100
253 27.7 17.4 26.0#
125 14.4 8.2 12.4#





#92

Benzo(g,h,i)perylene

Concen: 2.84 ng

RT: 26.574 min Scan# 3993

Delta R.T. -0.006 min

Lab File: BP005188.D

Acq: 05 Apr 2021 20:29

Instrument :

BNA_P

ClientSampleId :

TP-6D-(4-10)

Tgt Ion:276 Resp: 22872

Ion Ratio Lower Upper

276 100

277 26.1 19.0 28.6

138 23.7 16.6 24.8

