

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
 Data File : BP005163.D
 Acq On : 02 Apr 2021 17:19
 Operator : CG/JU
 Sample : M1836-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B5-19-21

Quant Time: Apr 02 18:09:34 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)

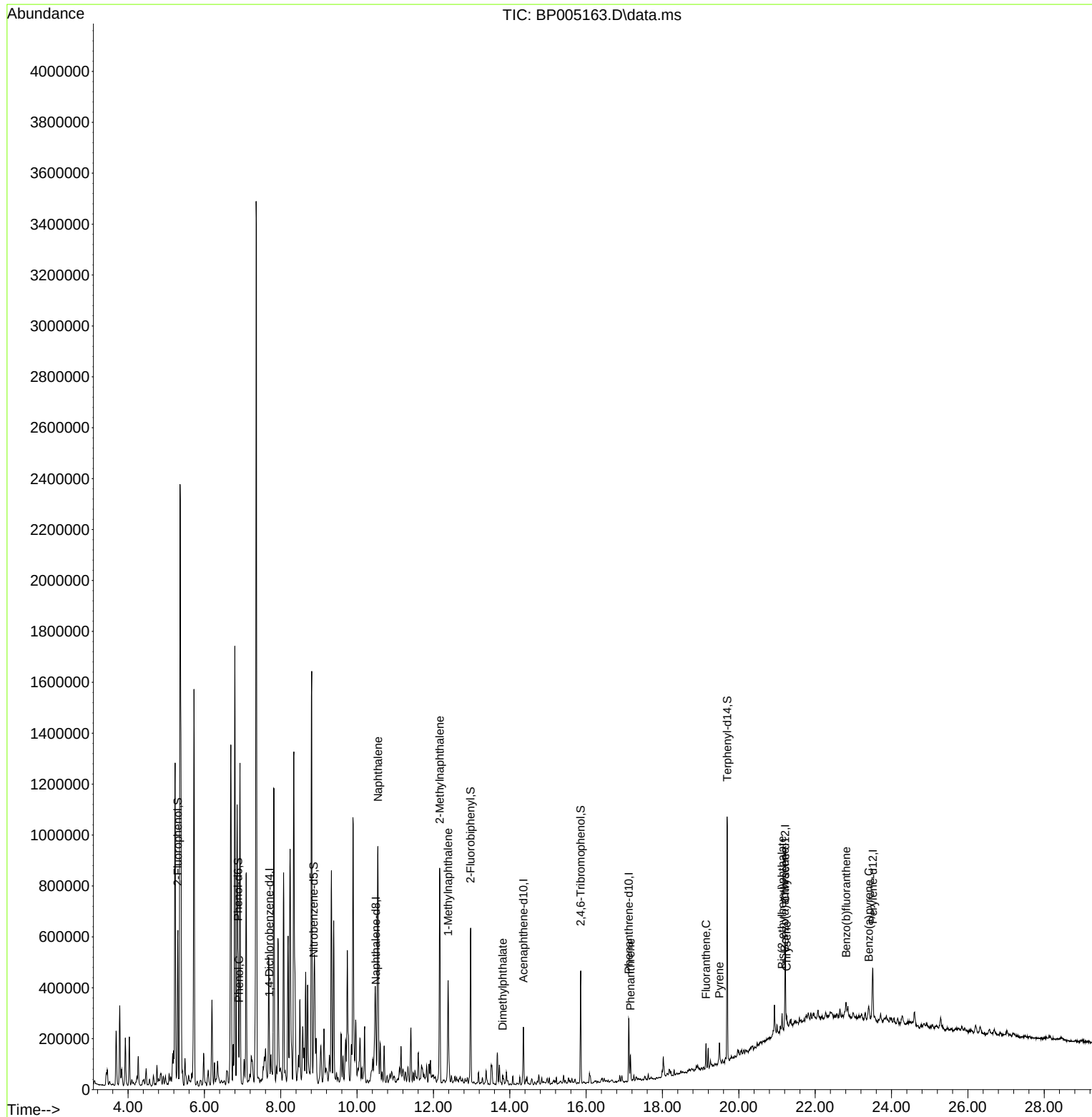
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	30050	20.00	ng	# 0.00
21) Naphthalene-d8	10.493	136	117939	20.00	ng	# 0.00
39) Acenaphthene-d10	14.357	164	72695	20.00	ng	0.00
64) Phenanthrene-d10	17.116	188	144799	20.00	ng	#-0.01
76) Chrysene-d12	21.216	240	139891	20.00	ng	-0.01
86) Perylene-d12	23.510	264	143473	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	182107	93.26	ng	0.00
7) Phenol-d6	6.887	99	248990	89.02	ng	0.00
23) Nitrobenzene-d5	8.863	82	161536	58.77	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	73716	77.83	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	303192	56.42	ng	0.00
79) Terphenyl-d14	19.698	244	418184	54.42	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.911	94	6214	2.17	ng	# 49
31) Naphthalene	10.546	128	553915	83.14	ng	98
37) 2-Methylnaphthalene	12.163	142	381841	79.37	ng	96
38) 1-Methylnaphthalene	12.387	142	178464	39.58	ng	99
50) Dimethylphthalate	13.816	163	18395	3.29	ng	98
71) Phenanthrene	17.163	178	58863	7.01	ng	97
75) Fluoranthene	19.139	202	49289	4.99	ng	95
78) Pyrene	19.492	202	50247	5.23	ng	97
81) Benzo(a)anthracene	21.204	228	21437	2.26	ng	# 94
83) Chrysene	21.251	228	23997	2.57	ng	# 92
84) Bis(2-ethylhexyl)phtha...	21.133	149	19063	3.65	ng	95
88) Benzo(b)fluoranthene	22.810	252	32370	3.18	ng	# 69
90) Benzo(a)pyrene	23.404	252	23339	2.55	ng	# 79

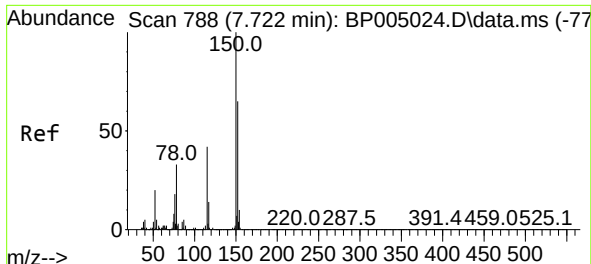
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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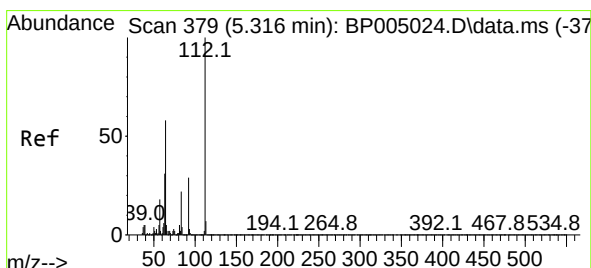
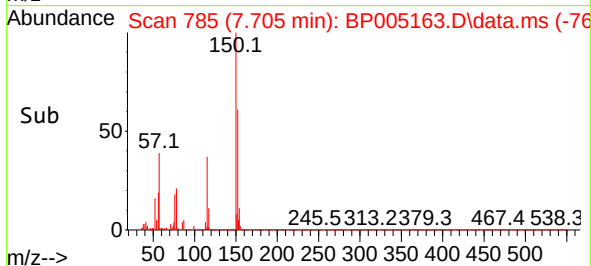
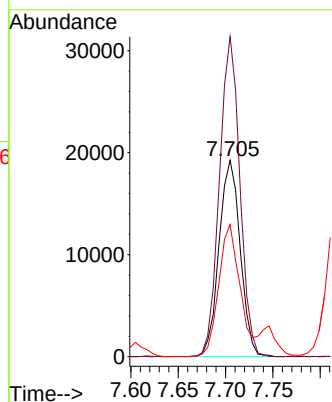
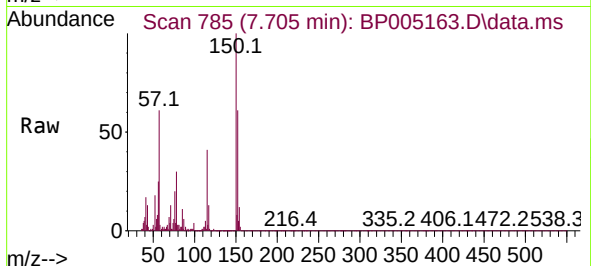




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP005163.D
Acq: 02 Apr 2021 17:19

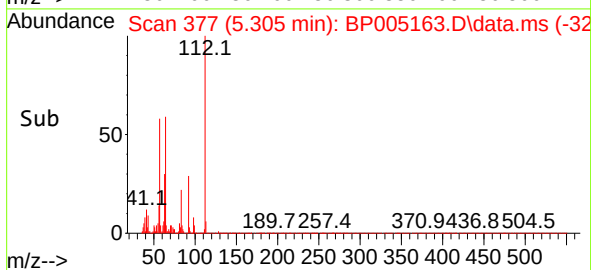
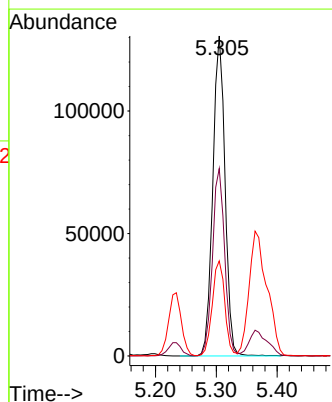
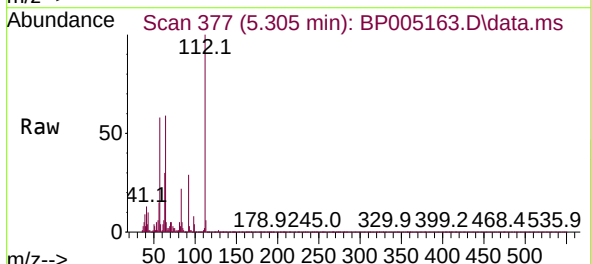
Instrument :
BNA_P
ClientSampled :
B5-19-21

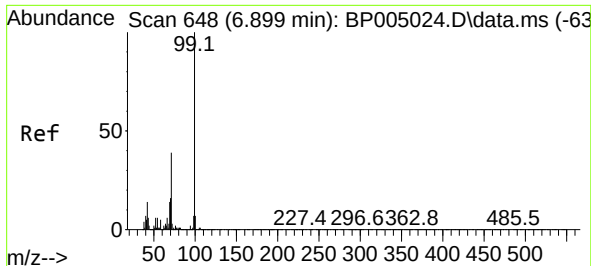
Tgt Ion:152 Resp: 30050
Ion Ratio Lower Upper
152 100
150 163.0 123.8 185.6
115 67.3 43.8 65.6#



#5
2-Fluorophenol
Concen: 93.26 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.000 min
Lab File: BP005163.D
Acq: 02 Apr 2021 17:19

Tgt Ion:112 Resp: 182107
Ion Ratio Lower Upper
112 100
64 58.6 32.8 49.2#
63 29.7 17.0 25.4#

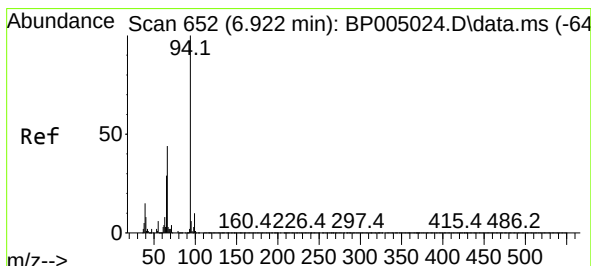
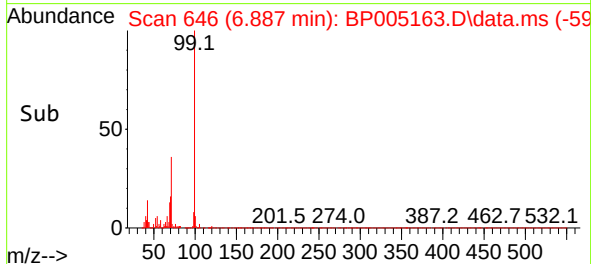
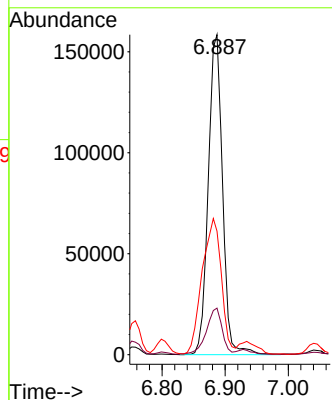
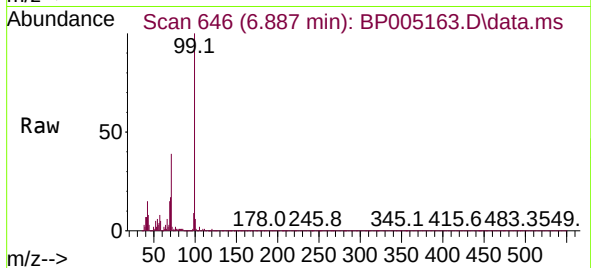




#7
Phenol-d6
Concen: 89.02 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.000 min
Lab File: BP005163.D
Acq: 02 Apr 2021 17:19

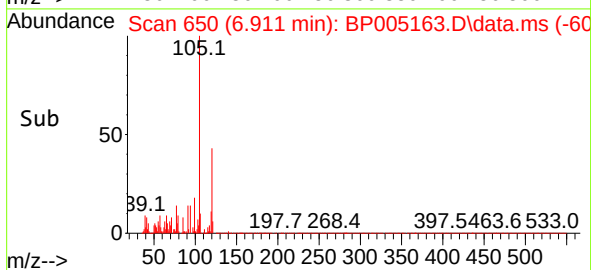
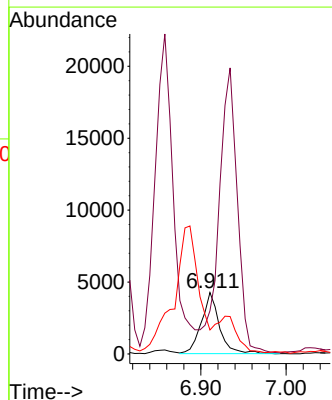
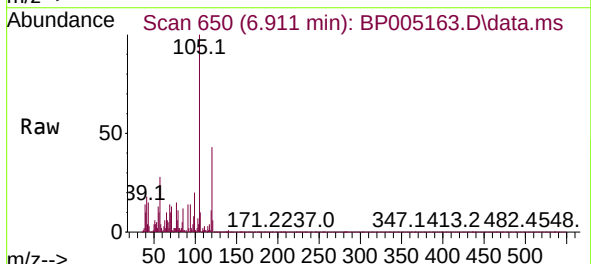
Instrument :
BNA_P
ClientSampleId :
B5-19-21

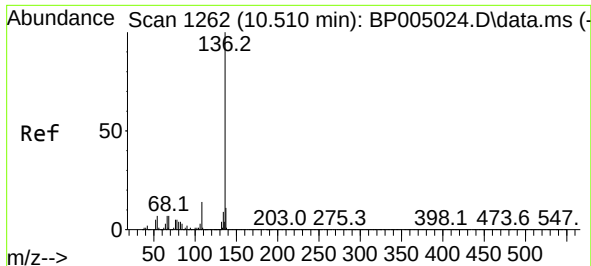
Tgt Ion: 99 Resp: 248990
Ion Ratio Lower Upper
99 100
42 14.6 8.6 13.0#
71 38.6 23.4 35.2#



#10
Phenol
Concen: 2.17 ng
RT: 6.911 min Scan# 650
Delta R.T. -0.006 min
Lab File: BP005163.D
Acq: 02 Apr 2021 17:19

Tgt Ion: 94 Resp: 6214
Ion Ratio Lower Upper
94 100
65 70.5 2.3 42.3#
66 39.0 10.9 50.9

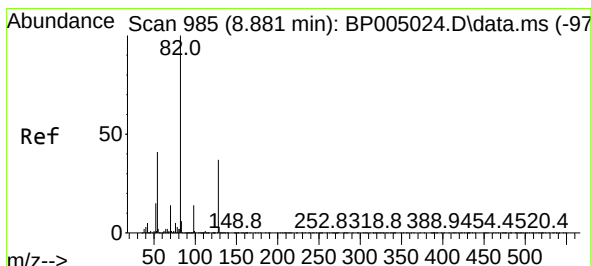
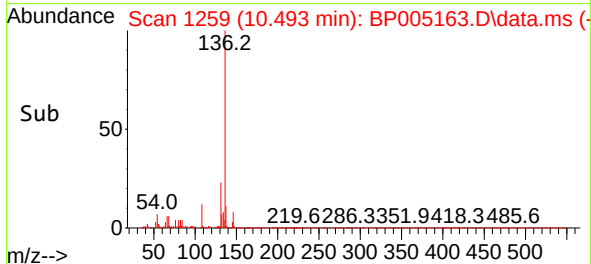
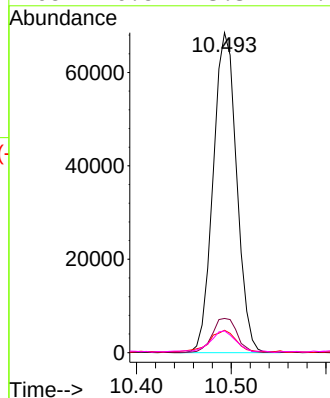
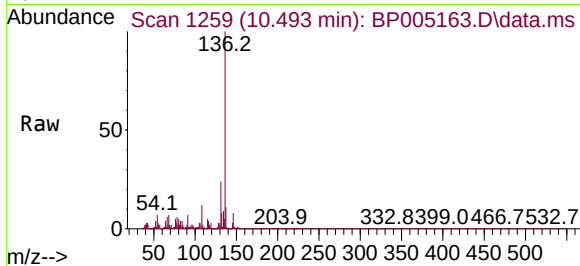




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP005163.D
Acq: 02 Apr 2021 17:19

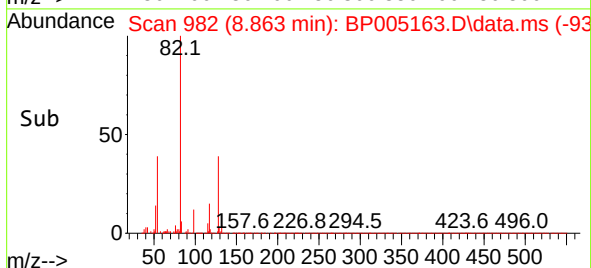
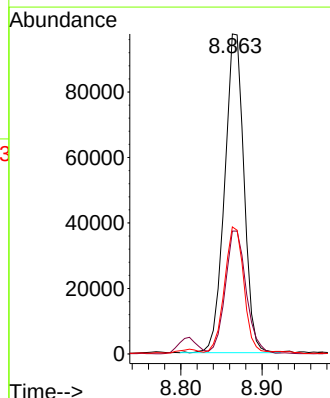
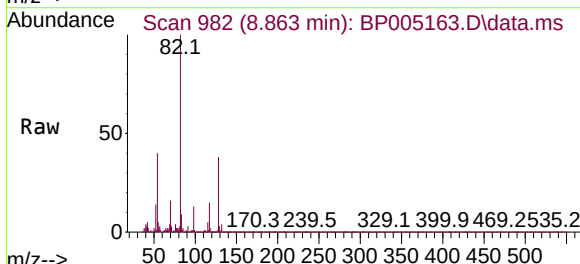
Instrument :
BNA_P
ClientSampled :
B5-19-21

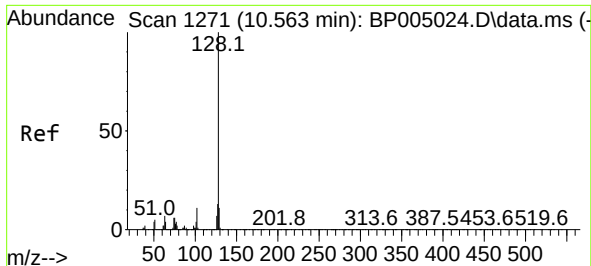
Tgt Ion:	136	Resp:	117939
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	7.0	3.6	5.4#
68	6.8	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 58.77 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BP005163.D
Acq: 02 Apr 2021 17:19

Tgt Ion:	82	Resp:	161536
Ion Ratio	Lower	Upper	
82	100		
128	38.4	45.6	68.4#
54	39.7	30.1	45.1

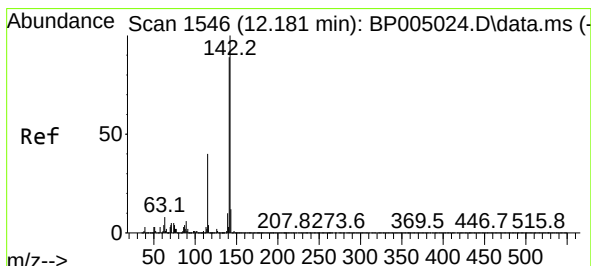
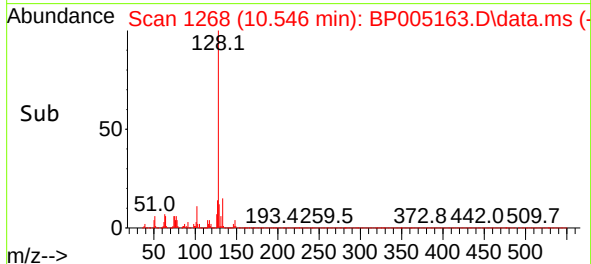
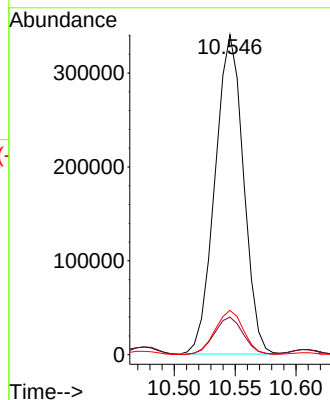
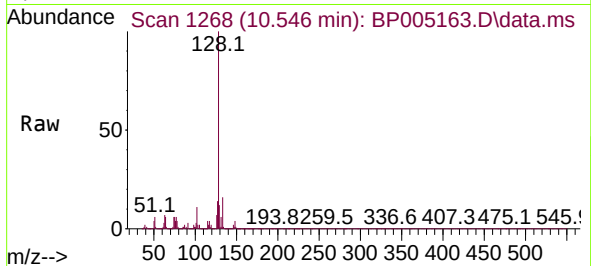




#31
Naphthalene
Concen: 83.14 ng
RT: 10.546 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BP005163.D
Acq: 02 Apr 2021 17:19

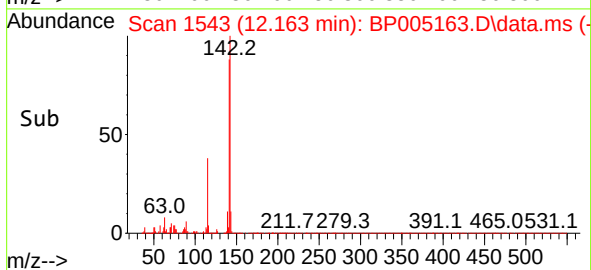
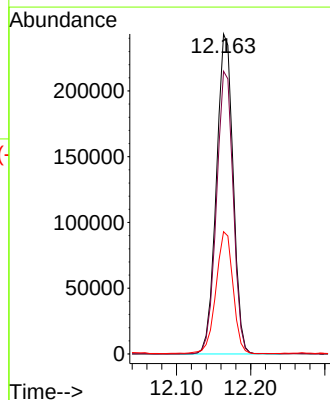
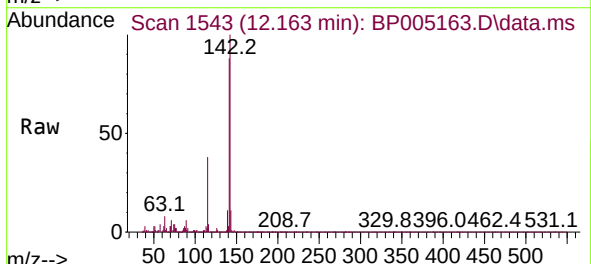
Instrument :
BNA_P
ClientSampleId :
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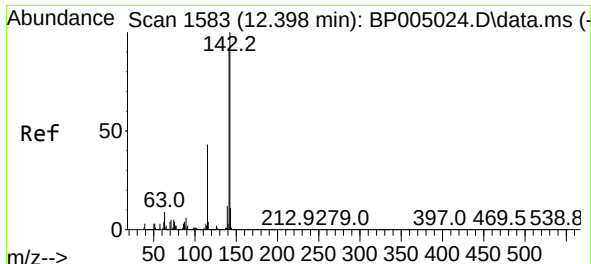
Tgt	Ion:128	Resp:	553915
Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.8	13.2
127	13.9	10.6	15.8



#37
2-Methylnaphthalene
Concen: 79.37 ng
RT: 12.163 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BP005163.D
Acq: 02 Apr 2021 17:19

Tgt	Ion:142	Resp:	381841
Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.2
115	38.2	25.8	38.6

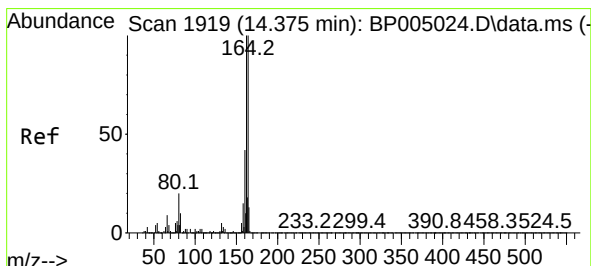
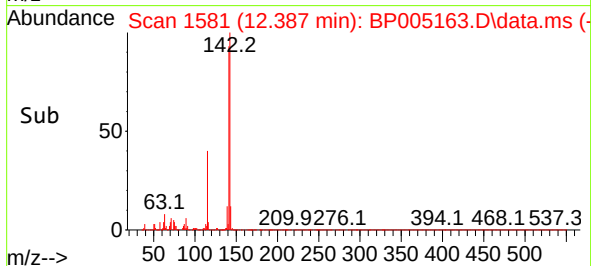
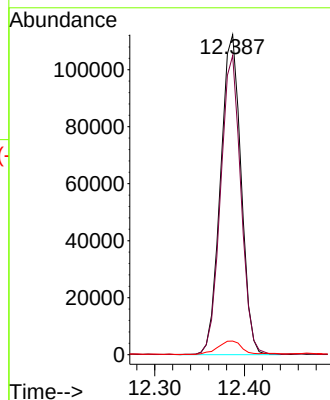
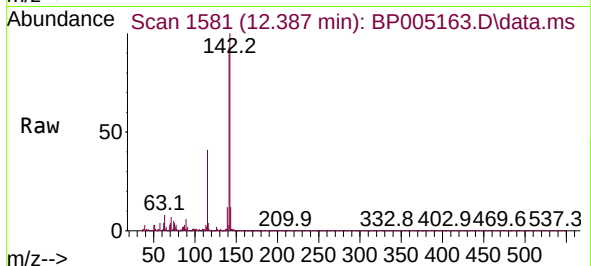




#38
1-Methylnaphthalene
Concen: 39.58 ng
RT: 12.387 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BP005163.D
Acq: 02 Apr 2021 17:19

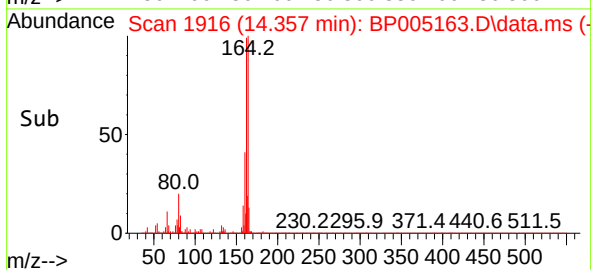
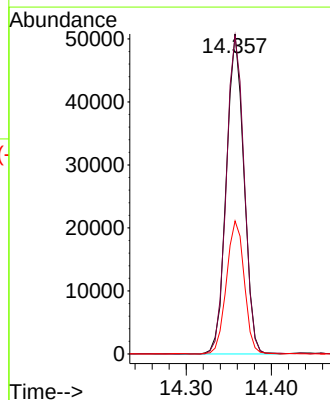
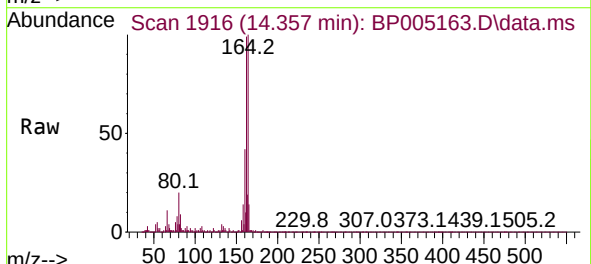
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ClientSampleId :
B5-19-21

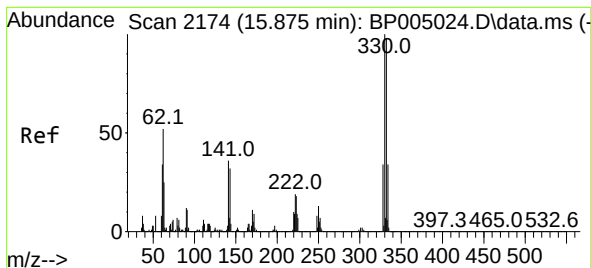
Tgt Ion:142 Resp: 178464
Ion Ratio Lower Upper
142 100
141 93.4 74.4 111.6
116 4.3 2.9 4.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP005163.D
Acq: 02 Apr 2021 17:19

Tgt Ion:164 Resp: 72695
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.2
160 41.5 36.1 54.1

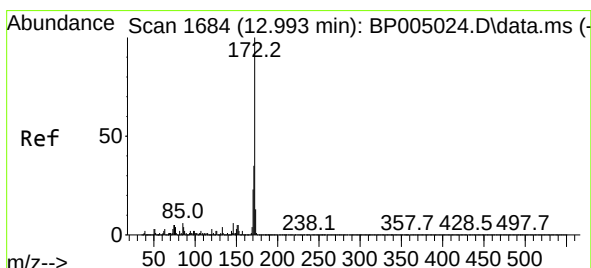
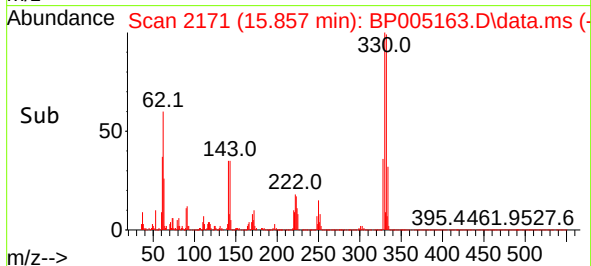
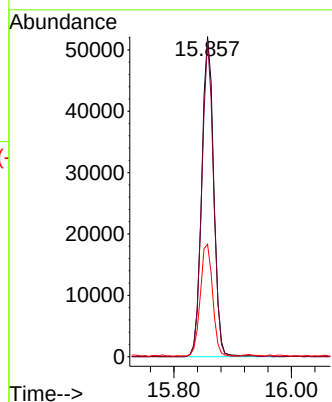
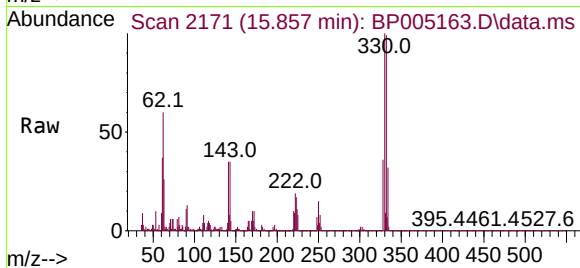




#42
2,4,6-Tribromophenol
Concen: 77.83 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP005163.D
Acq: 02 Apr 2021 17:19

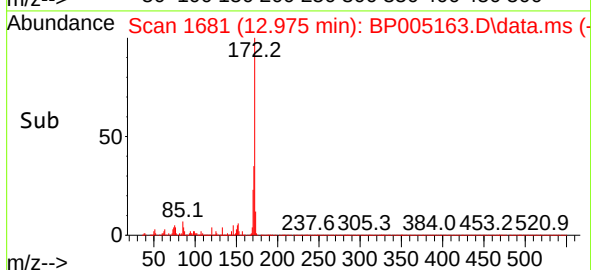
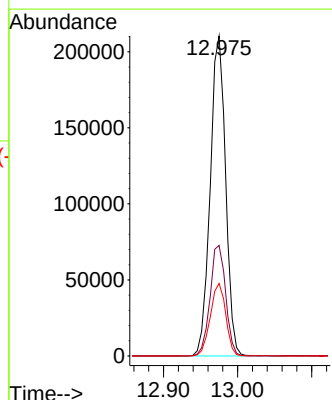
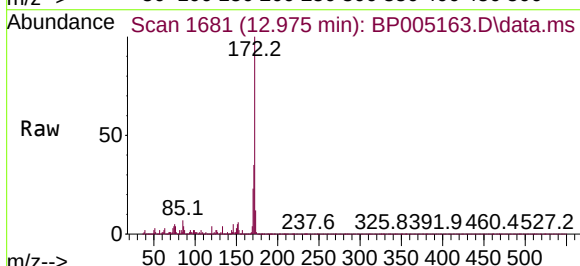
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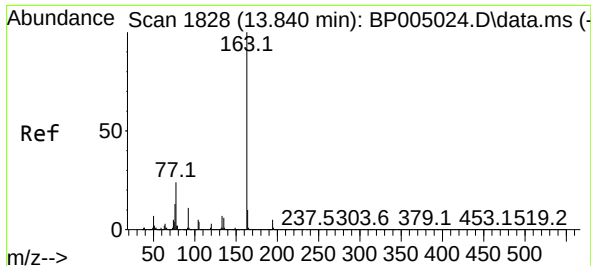
Tgt Ion:330 Resp: 73716
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 36.2 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 56.42 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005163.D
Acq: 02 Apr 2021 17:19

Tgt Ion:172 Resp: 303192
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 22.6 19.2 28.8

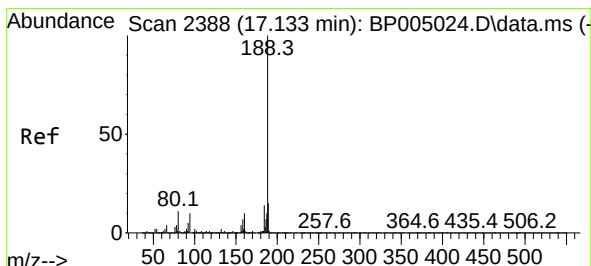
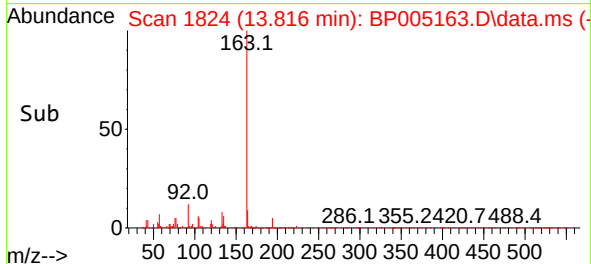
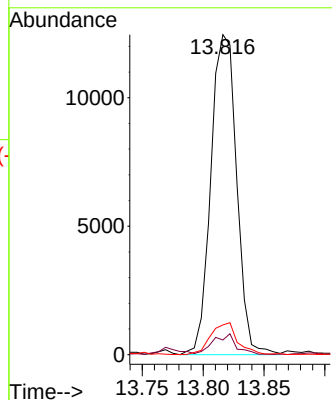
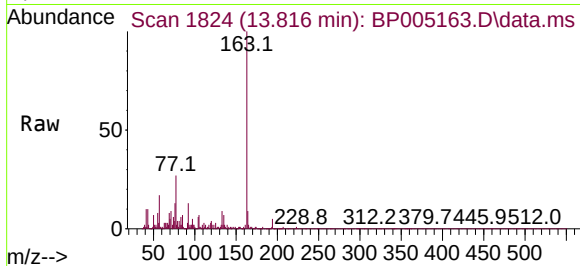




#50
Dimethylphthalate
Concen: 3.29 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BP005163.D
Acq: 02 Apr 2021 17:19

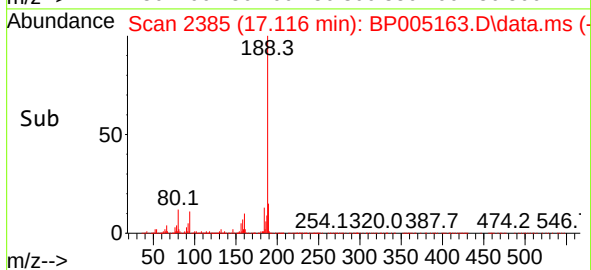
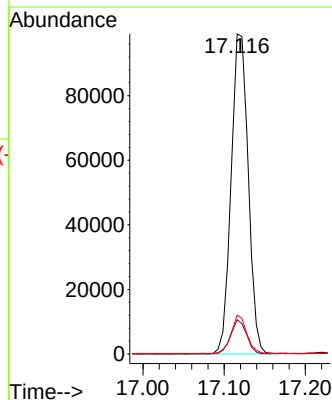
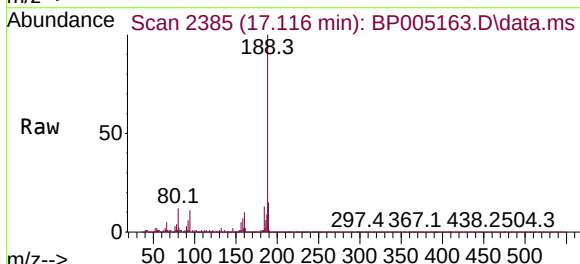
Instrument :
BNA_P
ClientSampled :
B5-19-21

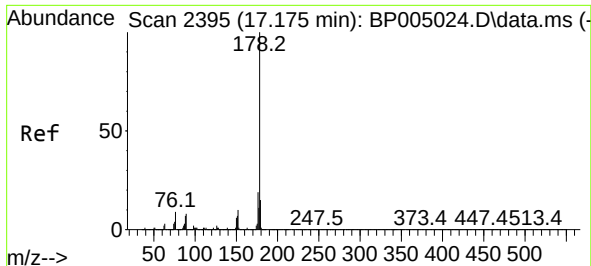
Tgt Ion:	163	Resp:	18395
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.3	4.9
164	9.3	8.2	12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.116 min Scan# 2385
Delta R.T. -0.012 min
Lab File: BP005163.D
Acq: 02 Apr 2021 17:19

Tgt Ion:	188	Resp:	144799
Ion Ratio	Lower	Upper	
188	100		
94	10.7	6.2	9.2#
80	12.1	6.2	9.2#

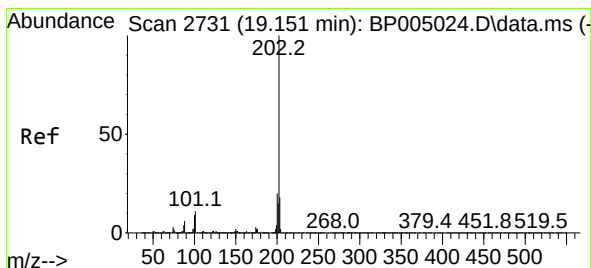
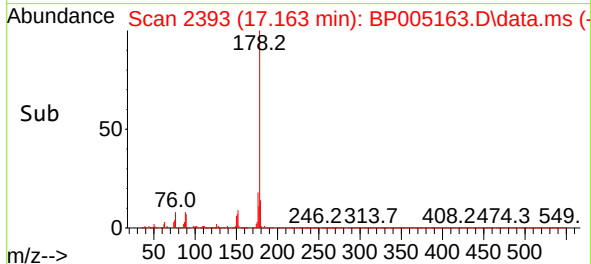
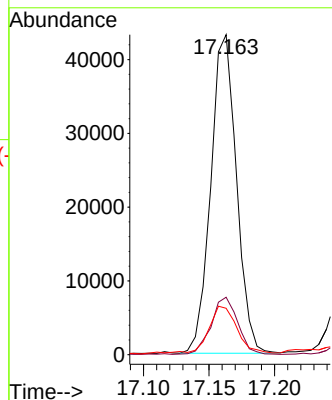
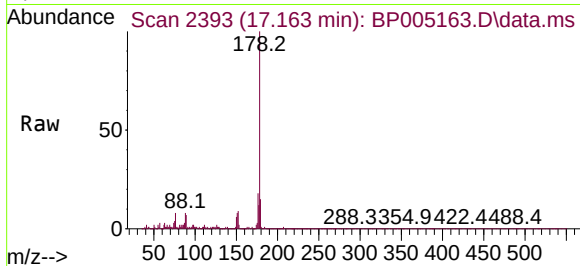




#71
Phenanthrene
Concen: 7.01 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BP005163.D
Acq: 02 Apr 2021 17:19

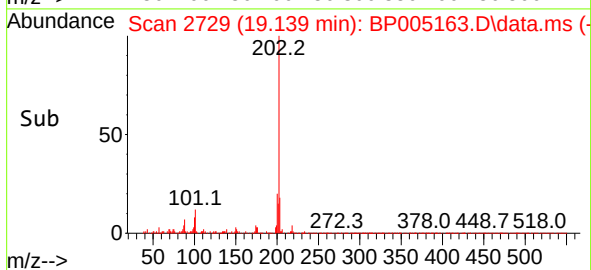
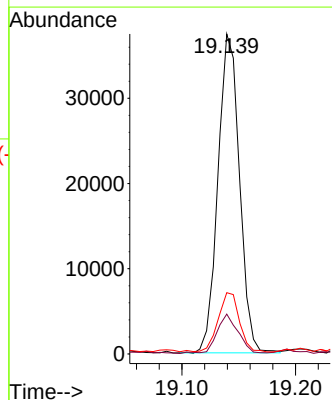
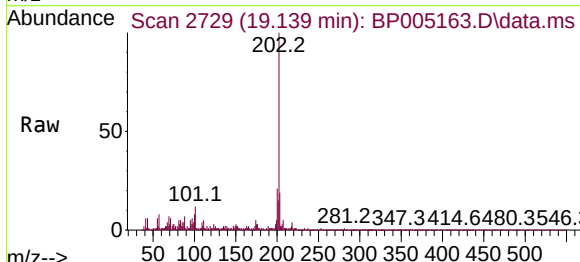
Instrument :
BNA_P
ClientSampleId :
B5-19-21

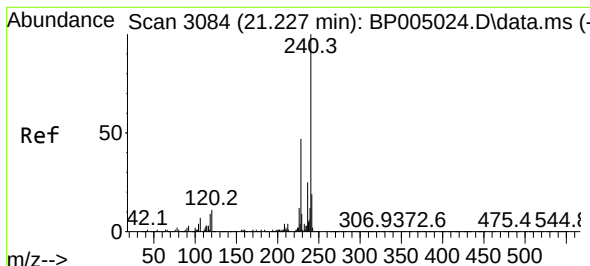
Tgt Ion:178 Resp: 58863
Ion Ratio Lower Upper
178 100
176 18.0 15.3 22.9
179 14.5 12.5 18.7



#75
Fluoranthene
Concen: 4.99 ng
RT: 19.139 min Scan# 2729
Delta R.T. -0.006 min
Lab File: BP005163.D
Acq: 02 Apr 2021 17:19

Tgt Ion:202 Resp: 49289
Ion Ratio Lower Upper
202 100
101 12.4 0.0 29.4
203 19.2 0.0 37.8





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.216 min Scan# 3082

Delta R.T. -0.012 min

Lab File: BP005163.D

Acq: 02 Apr 2021 17:19

Tgt Ion:240 Resp: 139891

Ion Ratio Lower Upper

240 100

120 10.9 7.8 11.6

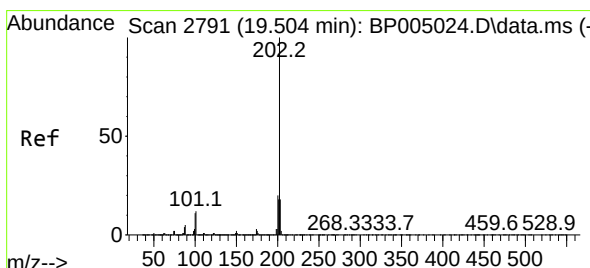
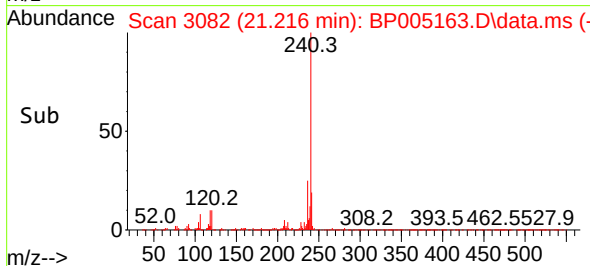
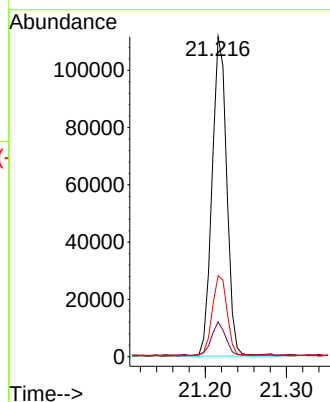
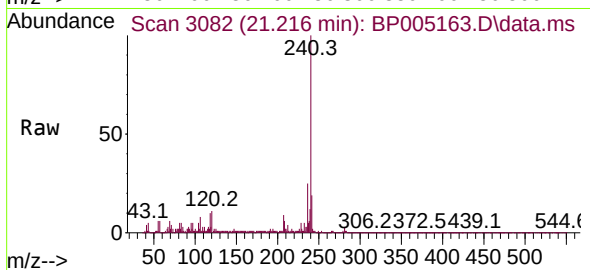
236 25.3 20.8 31.2

Instrument :

BNA_P

ClientSampled :

B5-19-21



#78

Pyrene

Concen: 5.23 ng

RT: 19.492 min Scan# 2789

Delta R.T. -0.006 min

Lab File: BP005163.D

Acq: 02 Apr 2021 17:19

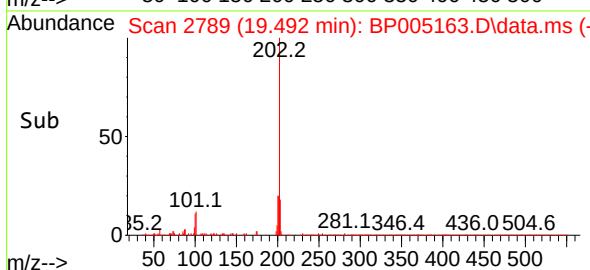
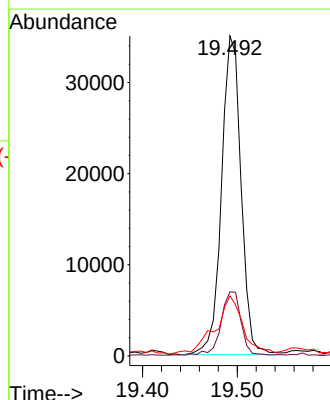
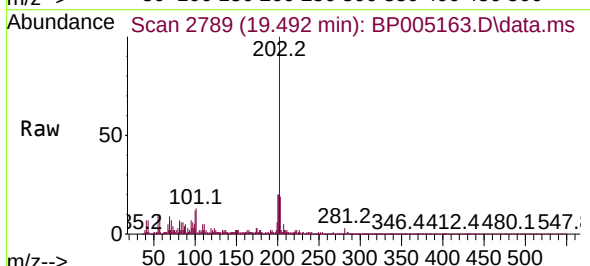
Tgt Ion:202 Resp: 50247

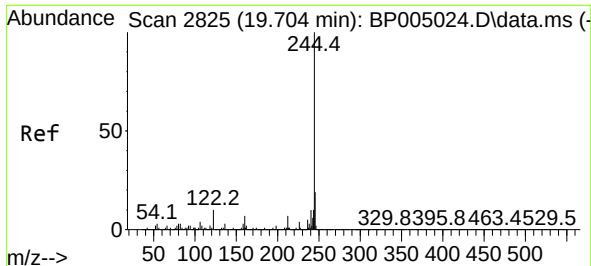
Ion Ratio Lower Upper

202 100

200 20.0 17.1 25.7

203 18.8 14.2 21.2

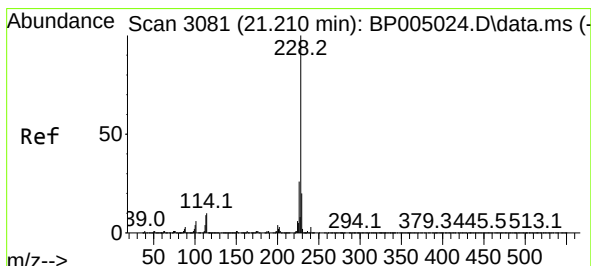
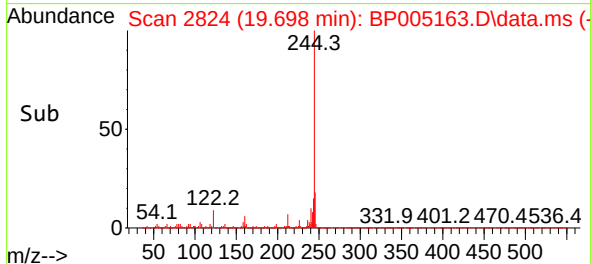
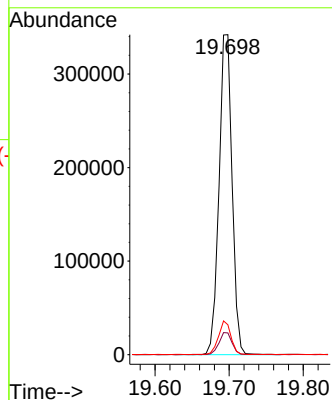
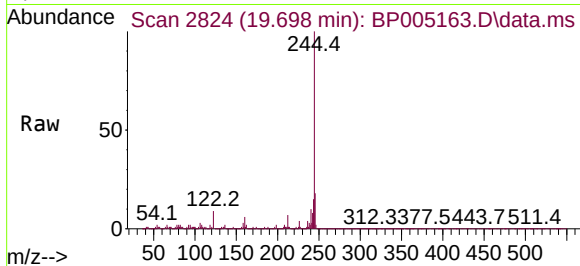




#79
 Terphenyl-d14
 Concen: 54.42 ng
 RT: 19.698 min Scan# 2824
 Delta R.T. 0.000 min
 Lab File: BP005163.D
 Acq: 02 Apr 2021 17:19

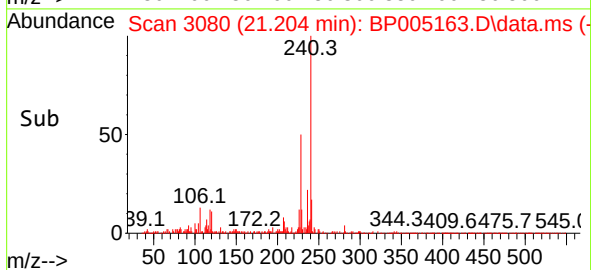
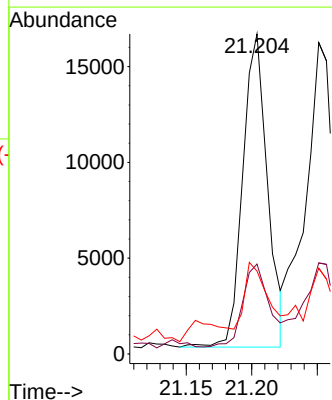
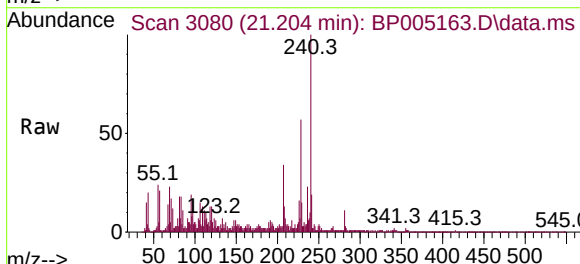
Instrument :
 BNA_P
 ClientSampleId :
 B5-19-21

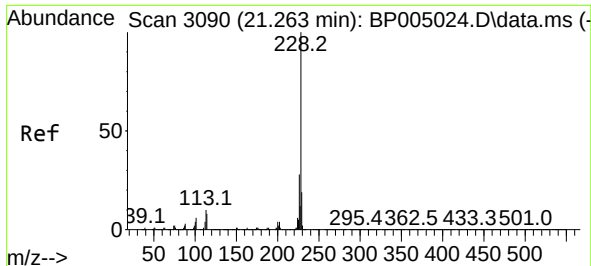
Tgt Ion:	244	Resp:	418184
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.8	8.6
122	9.4	7.8	11.8



#81
 Benzo(a)anthracene
 Concen: 2.26 ng
 RT: 21.204 min Scan# 3080
 Delta R.T. -0.006 min
 Lab File: BP005163.D
 Acq: 02 Apr 2021 17:19

Tgt Ion:	228	Resp:	21437
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.1	33.1
229	25.9	15.9	23.9

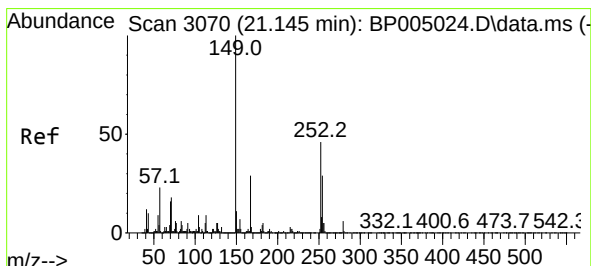
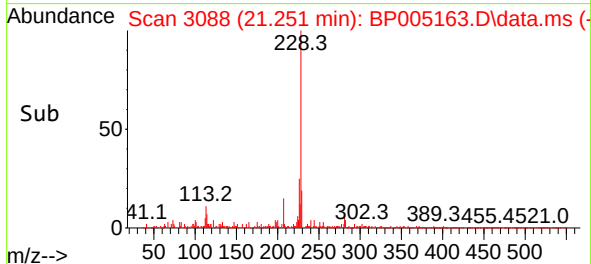
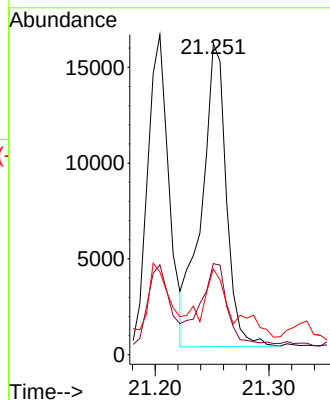
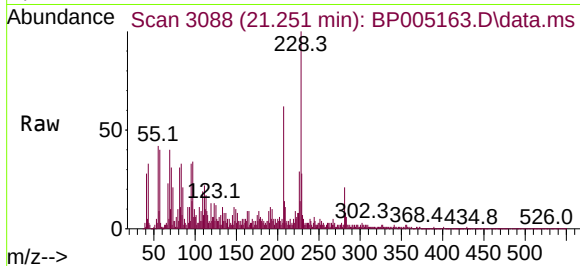




#83
Chrysene
Concen: 2.57 ng
RT: 21.251 min Scan# 3088
Delta R.T. -0.012 min
Lab File: BP005163.D
Acq: 02 Apr 2021 17:19

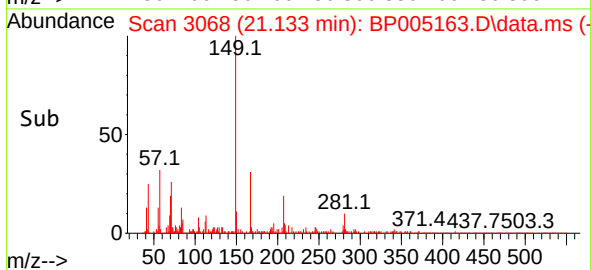
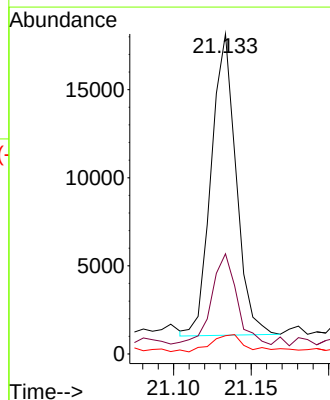
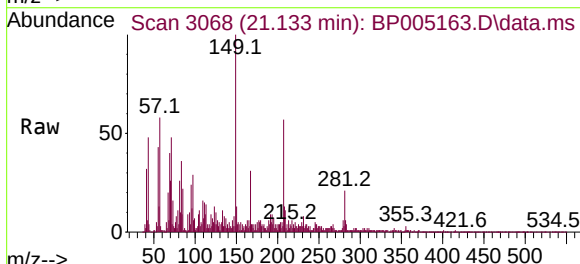
Instrument :
BNA_P
ClientSampleId :
B5-19-21

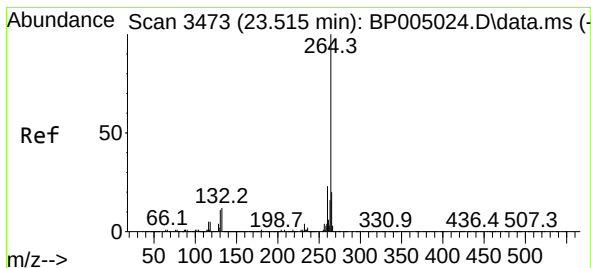
Tgt Ion:	228	Resp:	23997
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.4	36.6
229	27.6	15.8	23.6#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.65 ng
RT: 21.133 min Scan# 3068
Delta R.T. -0.006 min
Lab File: BP005163.D
Acq: 02 Apr 2021 17:19

Tgt Ion:	149	Resp:	19063
Ion Ratio	Lower	Upper	
149	100		
167	31.3	22.6	34.0
279	5.7	4.2	6.2

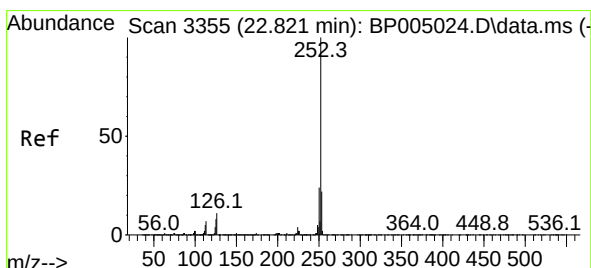
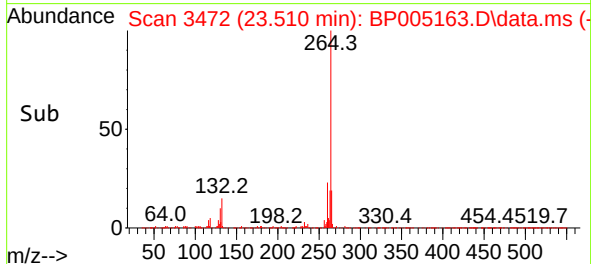
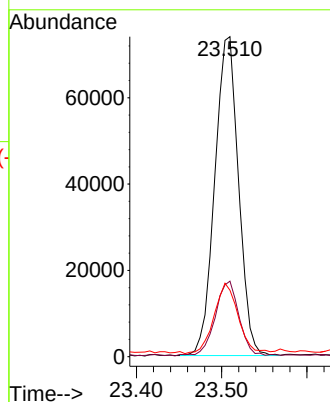
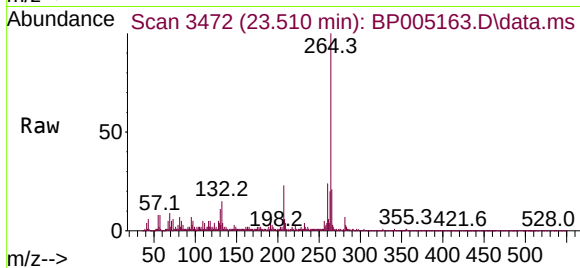




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.510 min Scan# 3472
Delta R.T. 0.000 min
Lab File: BP005163.D
Acq: 02 Apr 2021 17:19

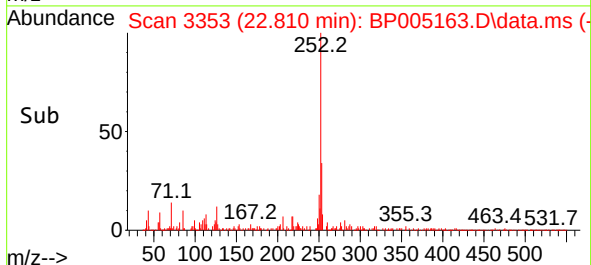
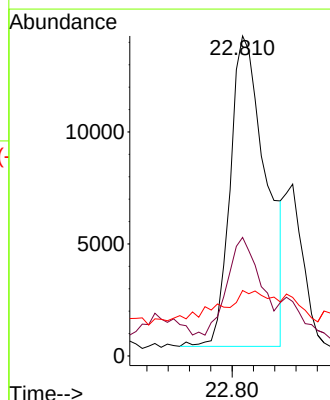
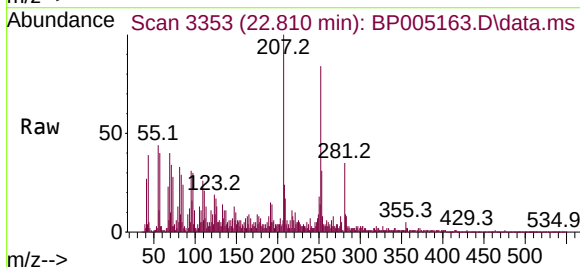
Instrument :
BNA_P
ClientSampleId :
B5-19-21

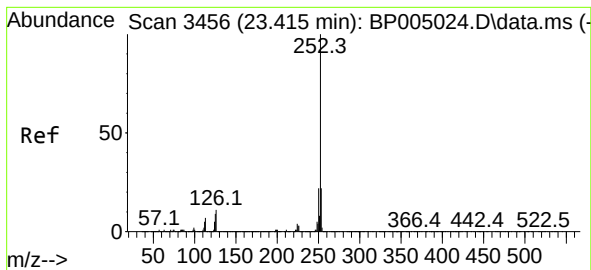
Tgt Ion:	264	Resp:	143473
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.8	28.2
265	20.7	17.4	26.2



#88
Benzo(b)fluoranthene
Concen: 3.18 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.006 min
Lab File: BP005163.D
Acq: 02 Apr 2021 17:19

Tgt Ion:	252	Resp:	32370
Ion Ratio	Lower	Upper	
252	100		
253	37.0	17.6	26.4#
125	20.5	7.3	10.9#





#90

Benzo(a)pyrene

Concen: 2.55 ng

RT: 23.404 min Scan# 3454

Delta R.T. -0.006 min

Lab File: BP005163.D

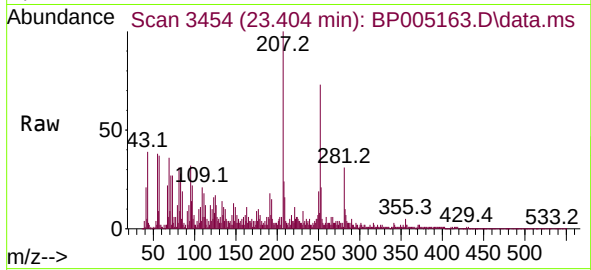
Acq: 02 Apr 2021 17:19

Instrument :

BNA_P

ClientSampleId :

B5-19-21



Tgt Ion:252	Resp:	23339
Ion Ratio	Lower	Upper
252	100	
253	28.5	17.4 26.0#
125	23.4	8.2 12.4#

