

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
 Data File : BP005164.D
 Acq On : 02 Apr 2021 17:53
 Operator : CG/JU
 Sample : M1836-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B5-0-2

Quant Time: Apr 02 23:30:35 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)

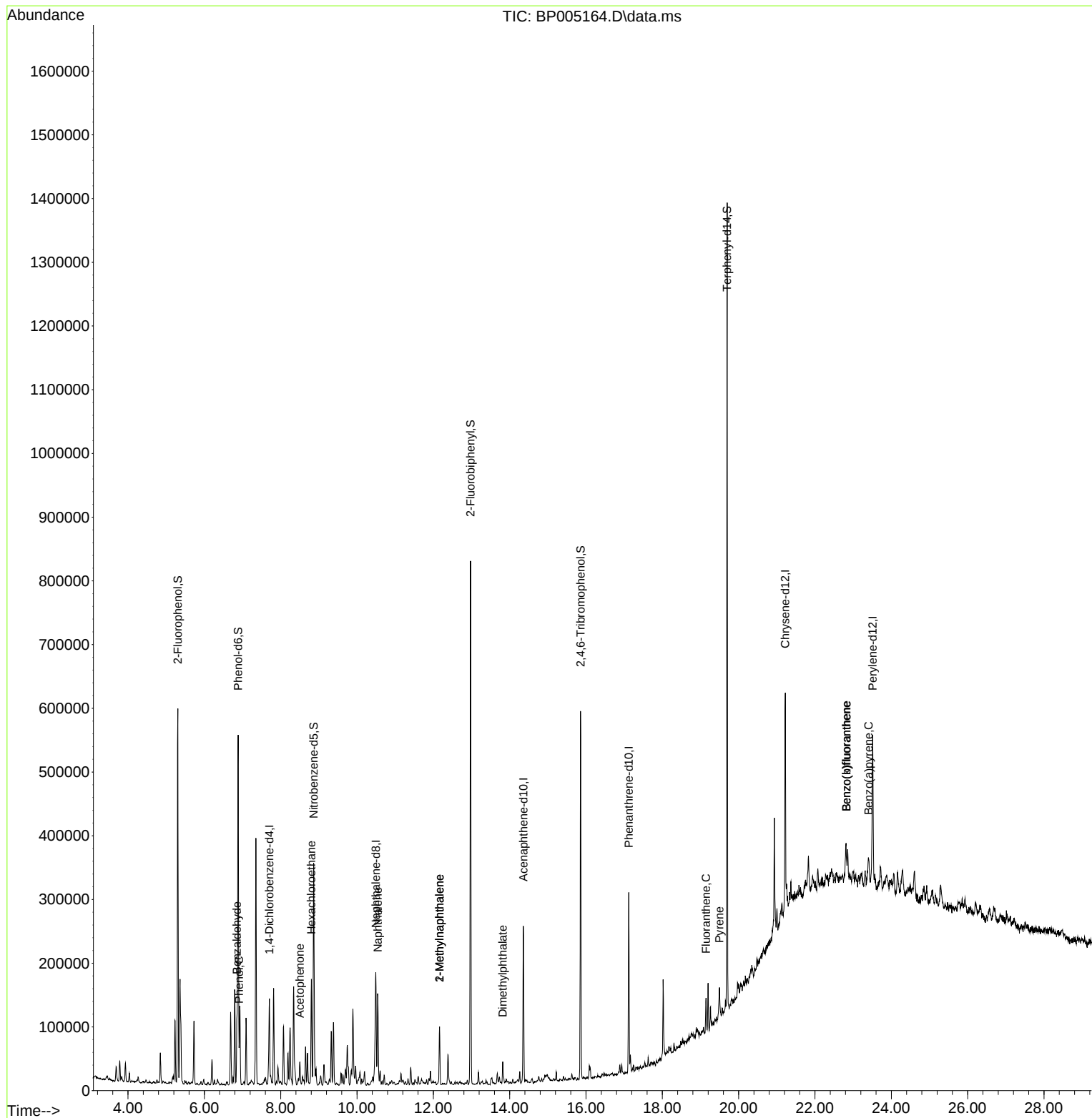
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	33637	20.00	ng	0.00
21) Naphthalene-d8	10.493	136	129085	20.00	ng	# 0.00
39) Acenaphthene-d10	14.357	164	80863	20.00	ng	0.00
64) Phenanthrene-d10	17.122	188	158697	20.00	ng	# 0.00
76) Chrysene-d12	21.221	240	151328	20.00	ng	0.00
86) Perylene-d12	23.510	264	156936	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	232553	106.40	ng	0.00
7) Phenol-d6	6.887	99	310840	99.28	ng	0.00
23) Nitrobenzene-d5	8.863	82	203513	67.65	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	97500	92.54	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	396199	66.28	ng	0.00
79) Terphenyl-d14	19.698	244	544621	65.52	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.852	77	7248	4.55	ng	# 1
10) Phenol	6.910	94	7910	2.47	ng	63
18) Hexachloroethane	8.804	117	13790	13.92	ng	# 1
22) Acetophenone	8.504	105	25958	6.99	ng	# 61
31) Naphthalene	10.546	128	90143	12.36	ng	99
37) 2-Methylnaphthalene	12.163	142	41015	7.79	ng	96
38) 1-Methylnaphthalene	12.163	142	41015	8.31	ng	98
50) Dimethylphthalate	13.816	163	18775	3.01	ng	98
75) Fluoranthene	19.145	202	25432	2.35	ng	98
78) Pyrene	19.498	202	26483	2.55	ng	98
88) Benzo(b)fluoranthene	22.821	252	30643	2.75	ng	# 81
89) Benzo(k)fluoranthene	22.821	252	30643	2.87	ng	# 82
90) Benzo(a)pyrene	23.404	252	20185	2.02	ng	# 72

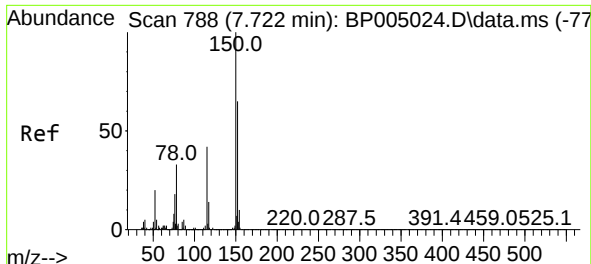
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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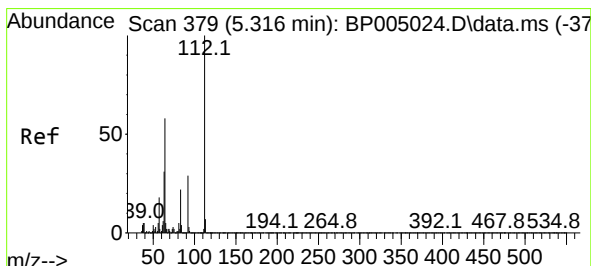
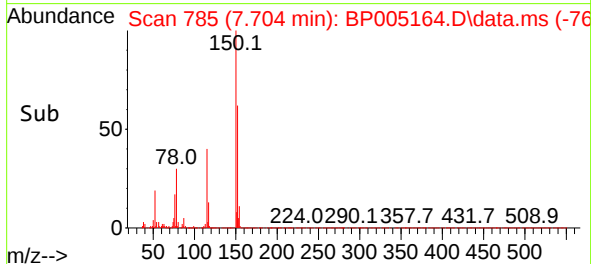
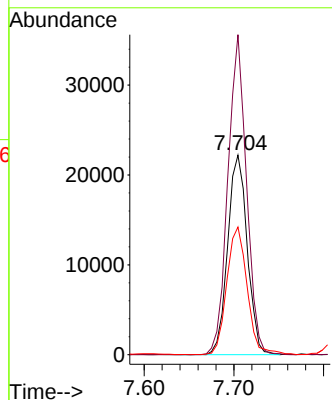
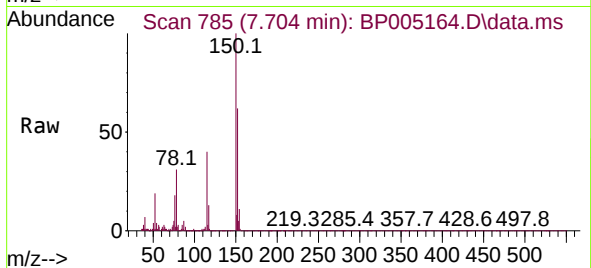




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.704 min Scan# 785
Delta R.T. -0.001 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

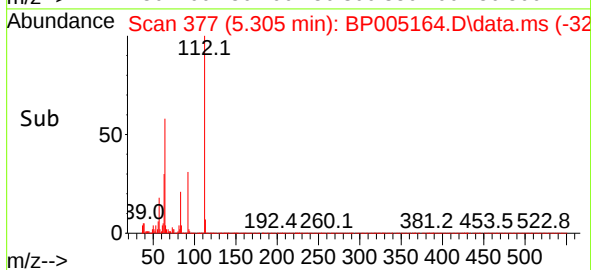
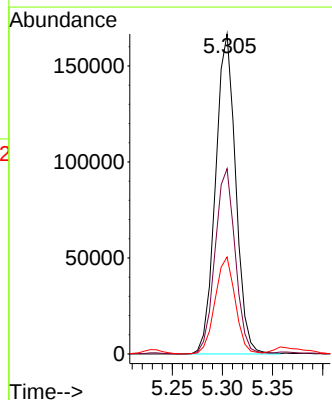
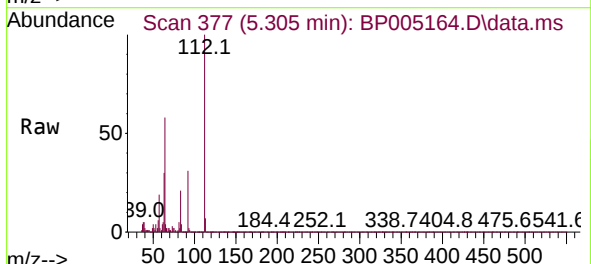
Instrument :
BNA_P
ClientSampleId :
B5-0-2

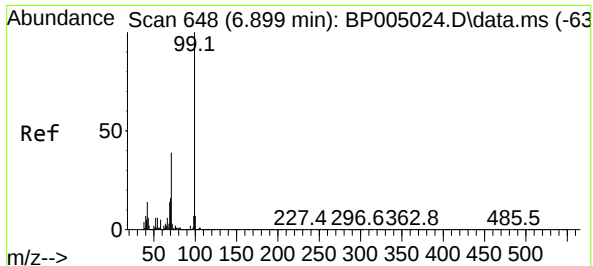
Tgt Ion:152 Resp: 33637
Ion Ratio Lower Upper
152 100
150 160.4 123.8 185.6
115 64.0 43.8 65.6



#5
2-Fluorophenol
Concen: 106.40 ng
RT: 5.305 min Scan# 377
Delta R.T. -0.000 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

Tgt Ion:112 Resp: 232553
Ion Ratio Lower Upper
112 100
64 57.9 32.8 49.2#
63 30.3 17.0 25.4#

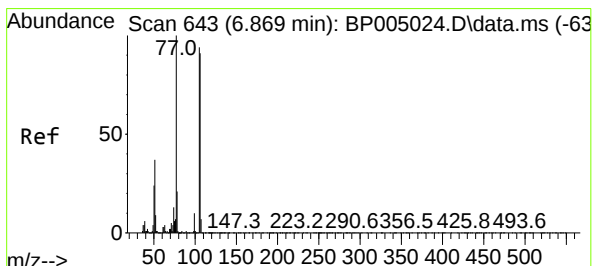
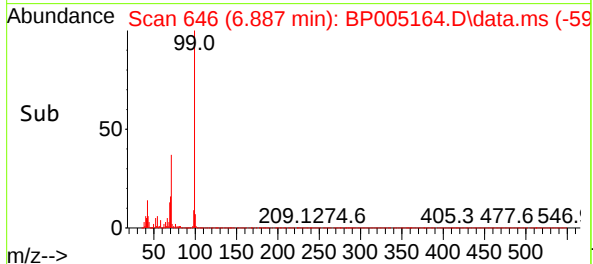
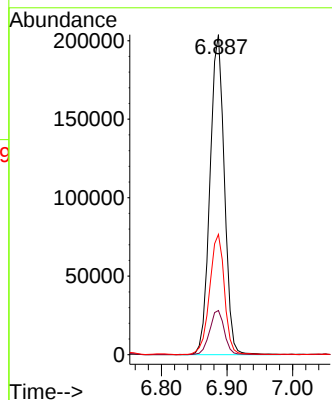
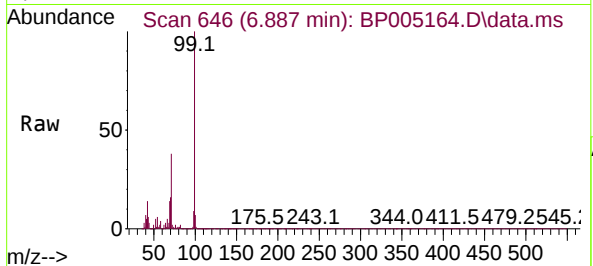




#7
Phenol-d6
Concen: 99.28 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

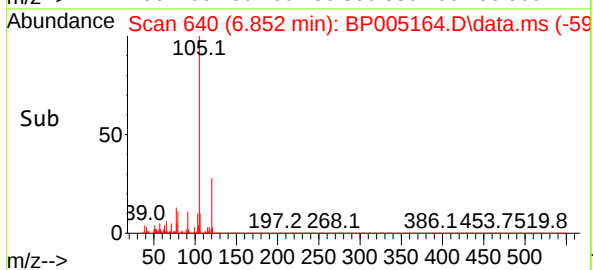
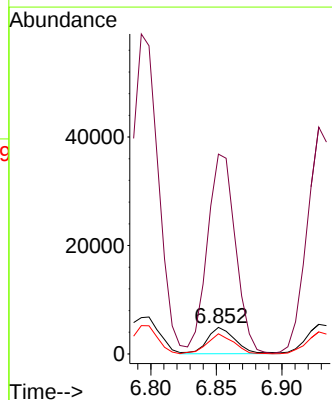
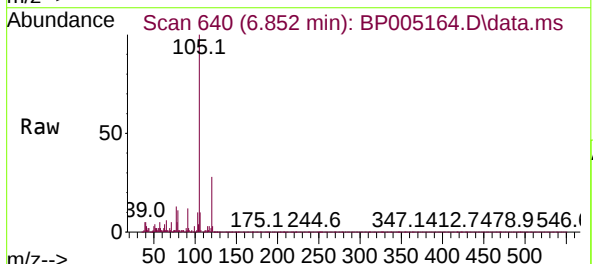
Instrument :
BNA_P
ClientSampleId :
B5-0-2

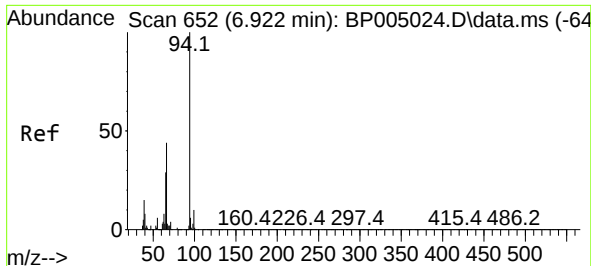
Tgt Ion: 99 Resp: 310840
Ion Ratio Lower Upper
99 100
42 13.8 8.6 13.0#
71 37.6 23.4 35.2#



#9
Benzaldehyde
Concen: 4.55 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.006 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

Tgt Ion: 77 Resp: 7248
Ion Ratio Lower Upper
77 100
105 753.2 97.1 137.1#
106 76.2 93.7 133.7#

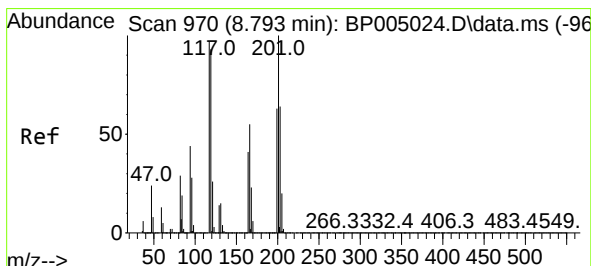
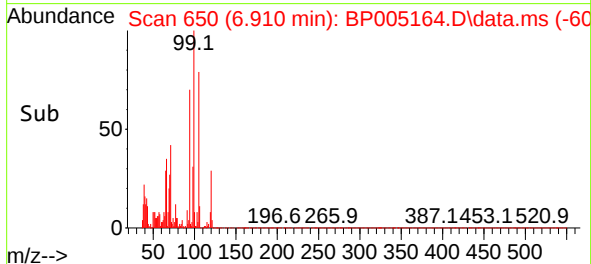
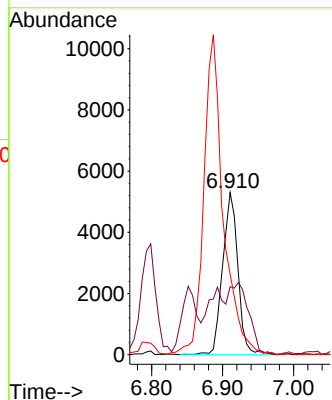
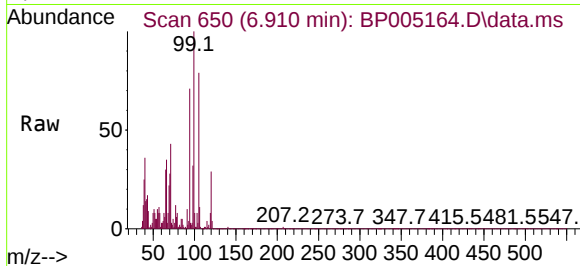




#10
Phenol
Concen: 2.47 ng
RT: 6.910 min Scan# 650
Delta R.T. -0.006 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

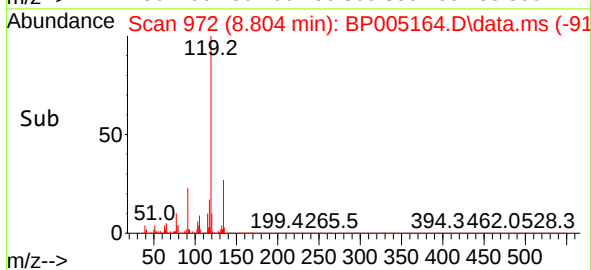
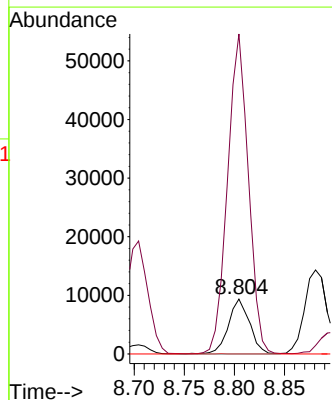
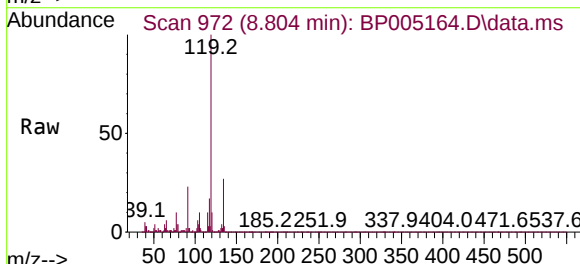
Instrument :
BNA_P
ClientSampleId :
B5-0-2

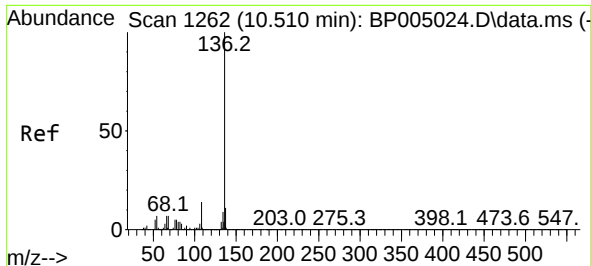
Tgt Ion: 94	Resp:	7910
Ion Ratio	Lower	Upper
94	100	
65	41.9	2.3 42.3
66	49.8	10.9 50.9



#18
Hexachloroethane
Concen: 13.92 ng
RT: 8.804 min Scan# 972
Delta R.T. 0.029 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

Tgt Ion: 117	Resp:	13790
Ion Ratio	Lower	Upper
117	100	
119	583.7	78.8 118.2#
201	0.1	92.3 138.5#

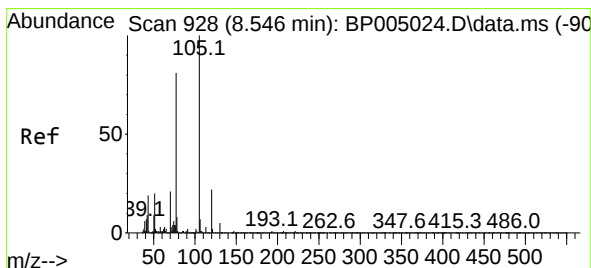
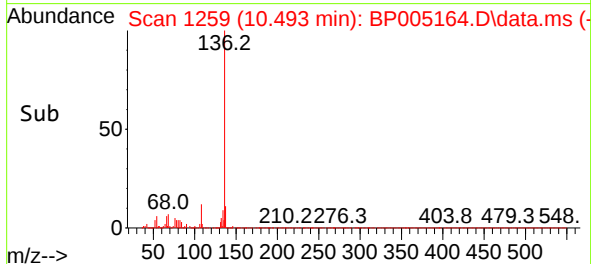
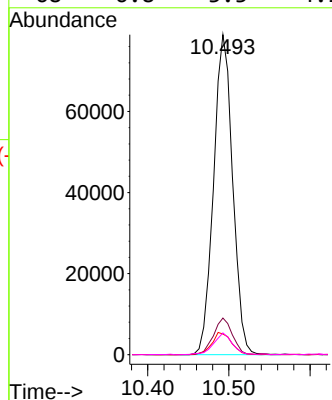
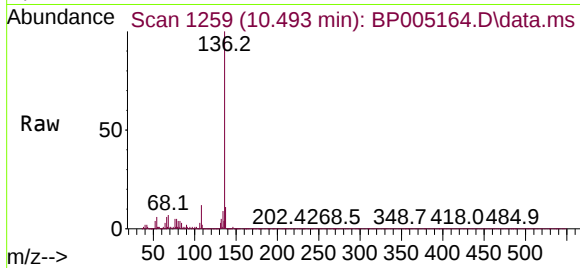




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

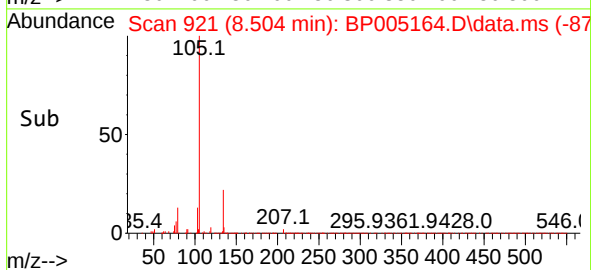
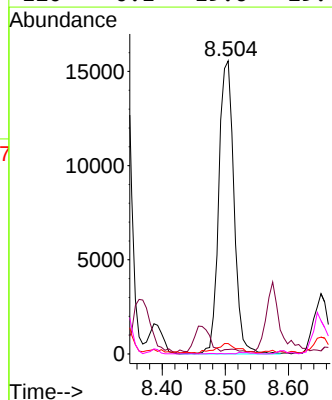
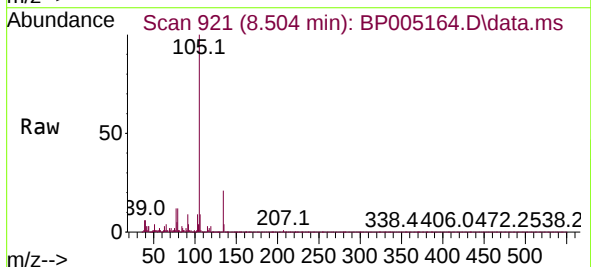
Instrument :
BNA_P
ClientSampleId :
B5-0-2

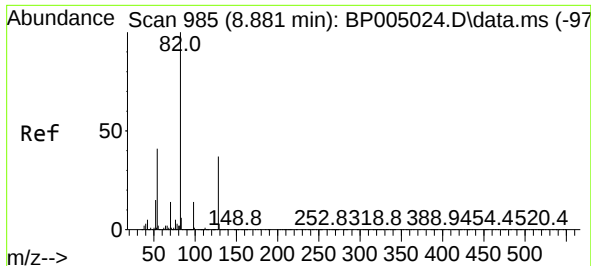
Tgt Ion:	136	Resp:	129085
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.6	13.0
54	6.4	3.6	5.4#
68	6.8	3.3	4.9#



#22
Acetophenone
Concen: 6.99 ng
RT: 8.504 min Scan# 921
Delta R.T. -0.030 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

Tgt Ion:	105	Resp:	25958
Ion Ratio	Lower	Upper	
105	100		
71	1.5	2.6	3.8#
51	3.6	13.5	20.3#
120	0.1	19.6	29.4#

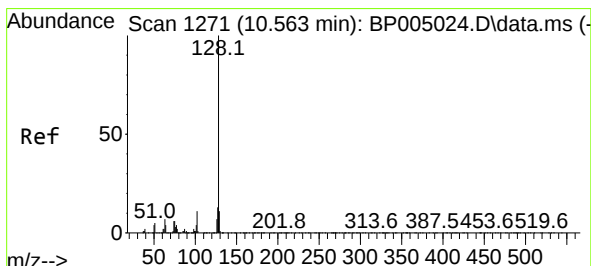
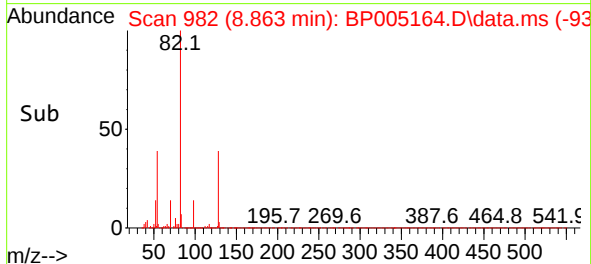
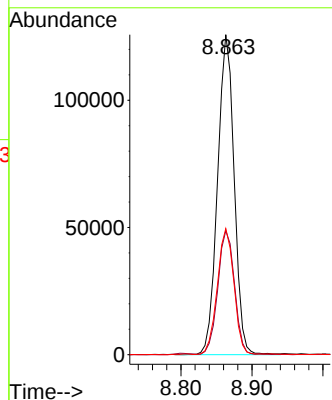
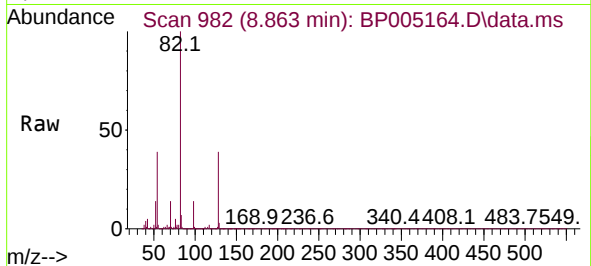




#23
Nitrobenzene-d5
Concen: 67.65 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

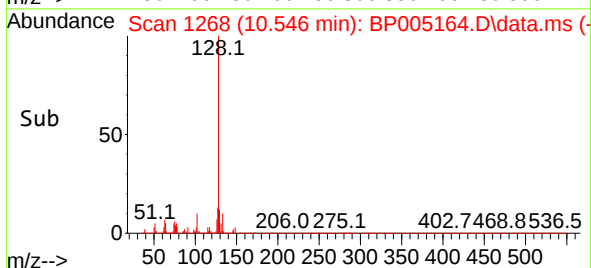
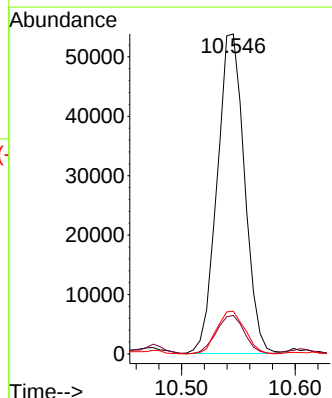
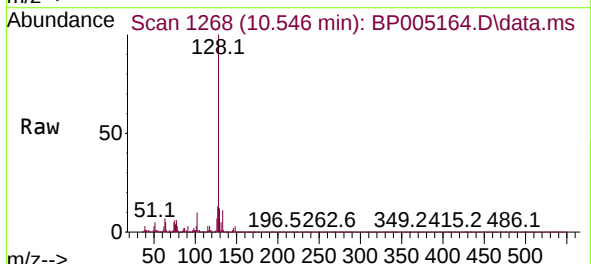
Instrument :
BNA_P
ClientSampled :
B5-0-2

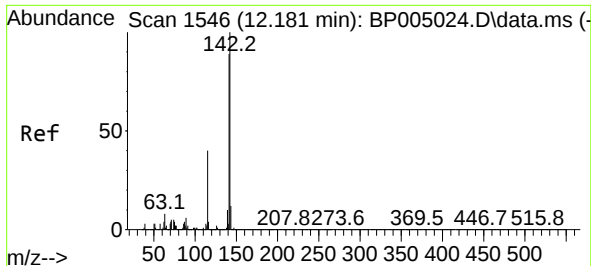
Tgt Ion: 82 Resp: 203513
Ion Ratio Lower Upper
82 100
128 38.8 45.6 68.4#
54 39.4 30.1 45.1



#31
Naphthalene
Concen: 12.36 ng
RT: 10.546 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

Tgt Ion:128 Resp: 90143
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 13.4 10.6 15.8

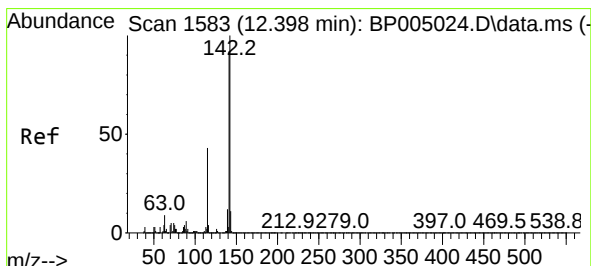
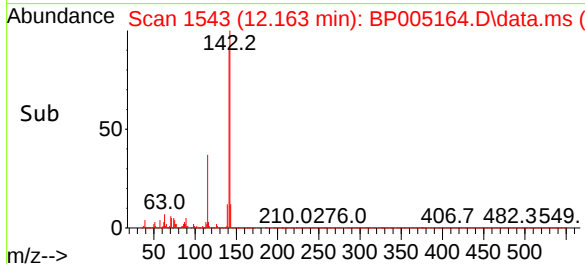
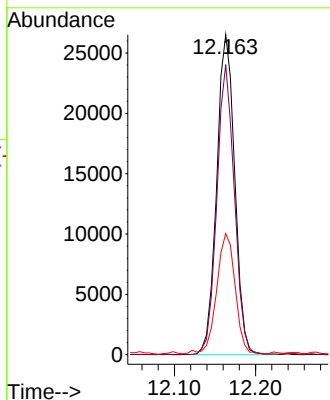
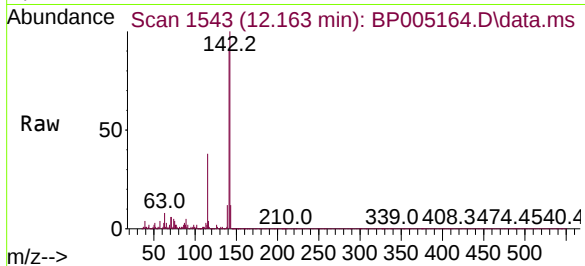




#37
2-Methylnaphthalene
Concen: 7.79 ng
RT: 12.163 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

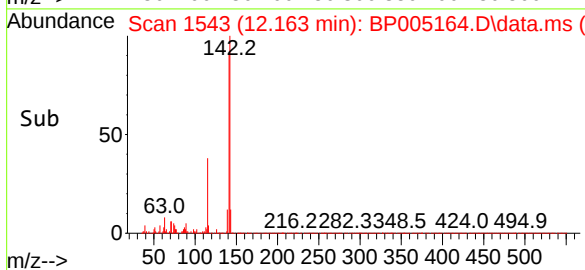
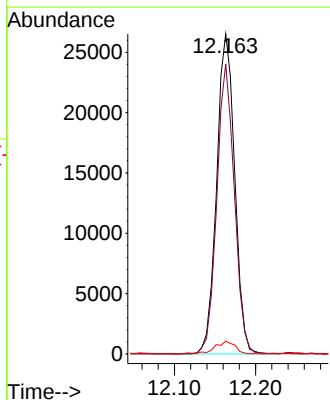
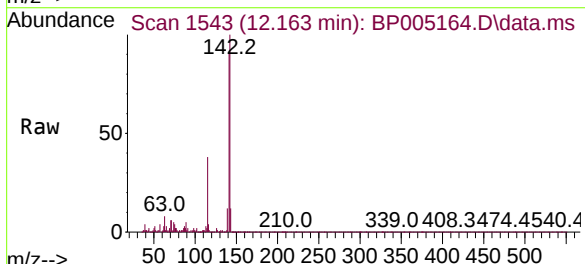
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BNA_P
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B5-0-2

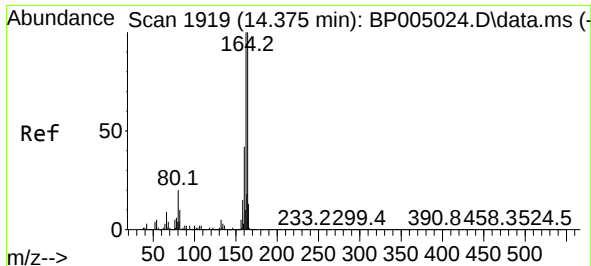
Tgt Ion:	142	Resp:	41015
Ion Ratio	Lower	Upper	
142	100		
141	90.6	71.4	107.2
115	37.8	25.8	38.6



#38
1-Methylnaphthalene
Concen: 8.31 ng
RT: 12.163 min Scan# 1543
Delta R.T. -0.224 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

Tgt Ion:	142	Resp:	41015
Ion Ratio	Lower	Upper	
142	100		
141	90.6	74.4	111.6
116	3.9	2.9	4.3

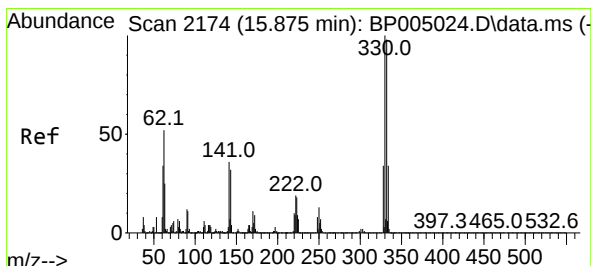
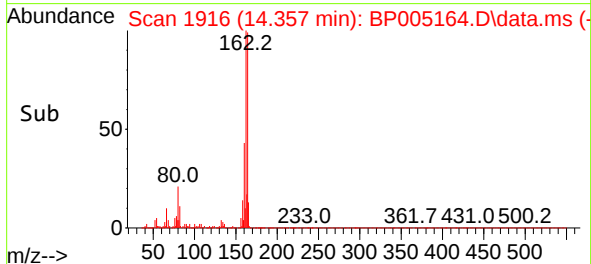
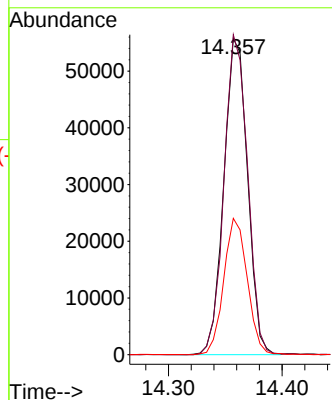
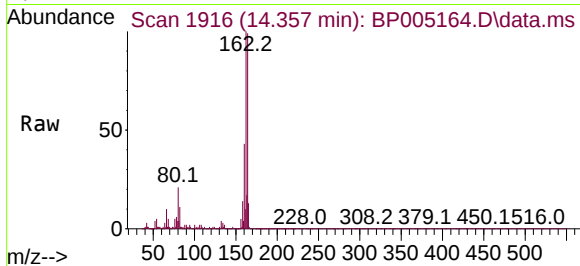




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

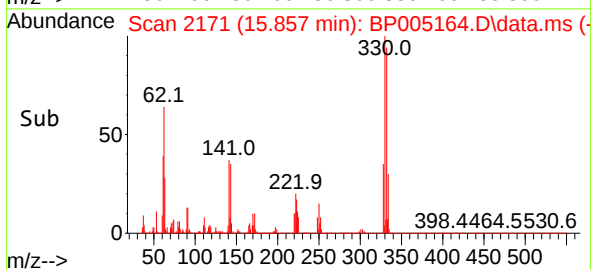
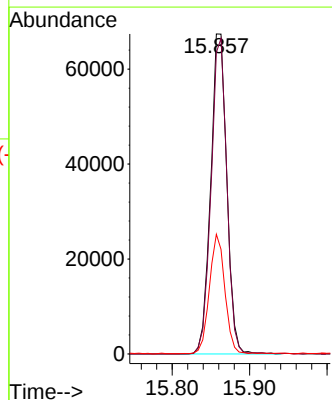
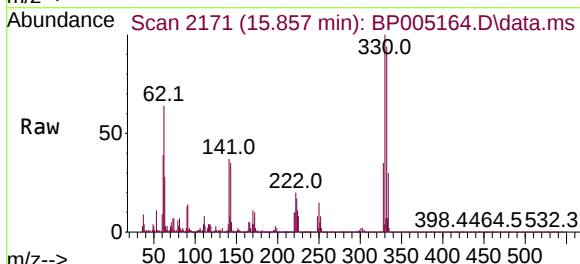
Instrument :
BNA_P
ClientSampled :
B5-0-2

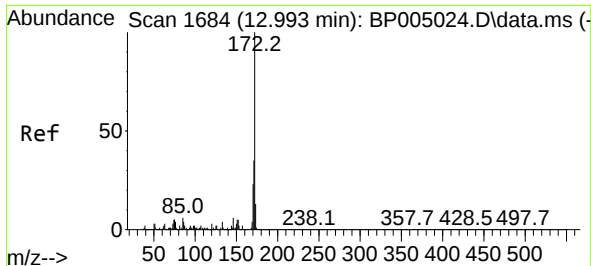
Tgt Ion:164	Resp:	80863
Ion Ratio	Lower	Upper
164	100	
162	101.2	79.4 119.2
160	43.1	36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 92.54 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

Tgt Ion:330	Resp:	97500
Ion Ratio	Lower	Upper
330	100	
332	96.2	77.1 115.7
141	35.5	23.4 35.2#

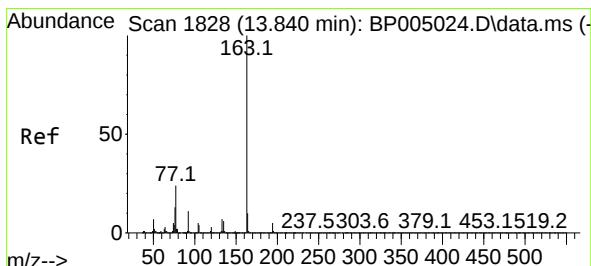
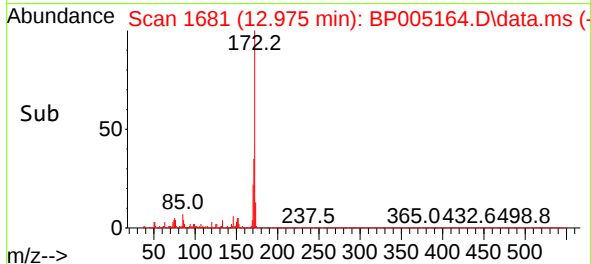
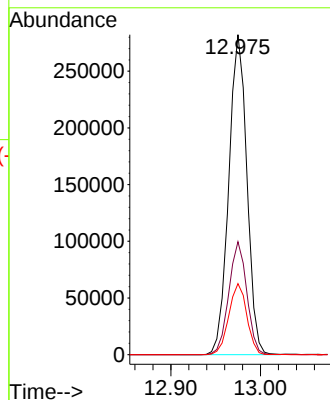
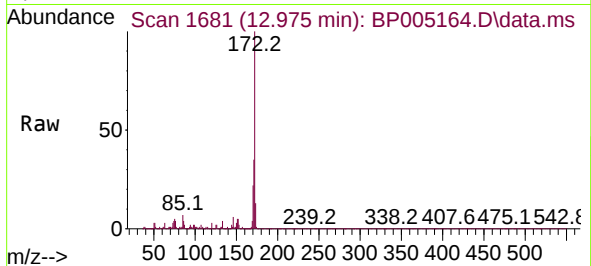




#45
2-Fluorobiphenyl
Concen: 66.28 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

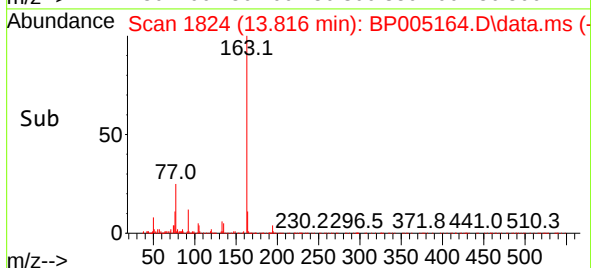
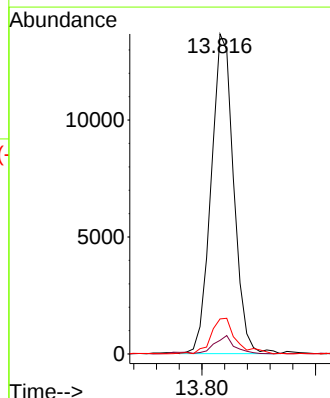
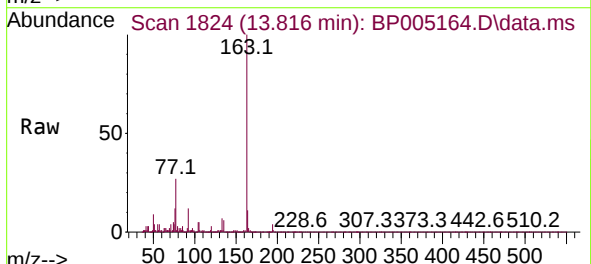
Instrument :
BNA_P
ClientSampleId :
B5-0-2

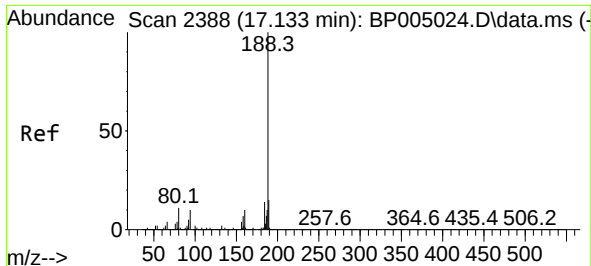
Tgt Ion:172 Resp: 396199
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 22.2 19.2 28.8



#50
Dimethylphthalate
Concen: 3.01 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

Tgt Ion:163 Resp: 18775
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 11.0 8.2 12.2

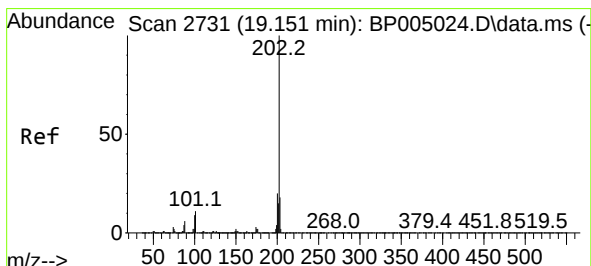
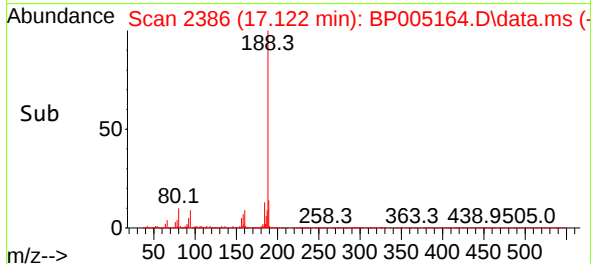
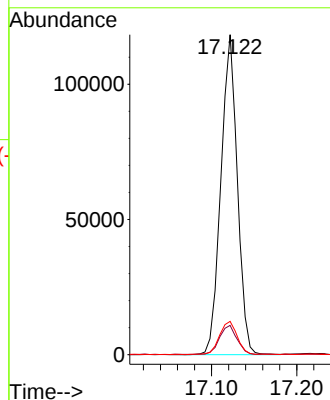
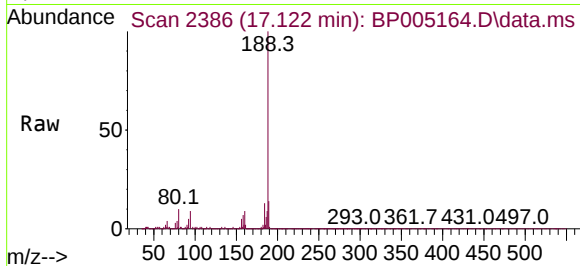




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.122 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

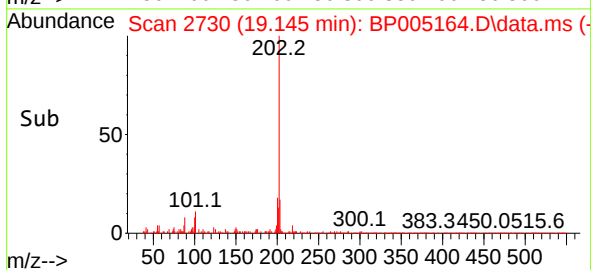
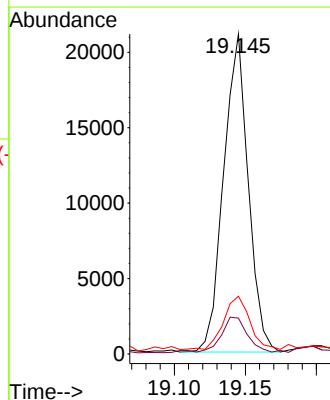
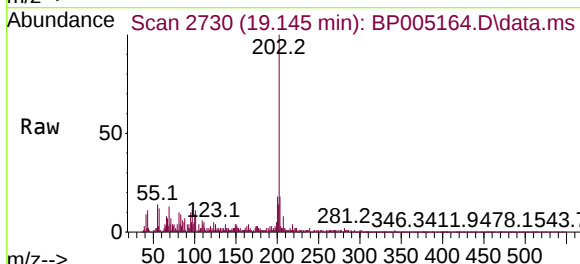
Instrument :
BNA_P
ClientSampled :
B5-0-2

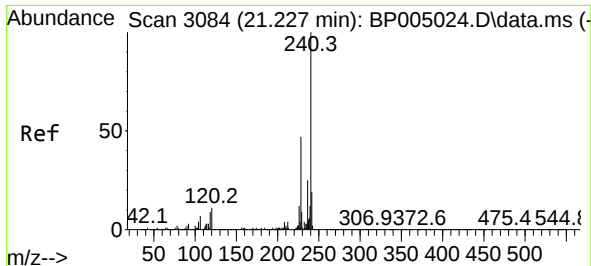
Tgt Ion:188 Resp: 158697
Ion Ratio Lower Upper
188 100
94 9.1 6.2 9.2
80 10.4 6.2 9.2#



#75
Fluoranthene
Concen: 2.35 ng
RT: 19.145 min Scan# 2730
Delta R.T. -0.000 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

Tgt Ion:202 Resp: 25432
Ion Ratio Lower Upper
202 100
101 11.2 0.0 29.4
203 18.0 0.0 37.8

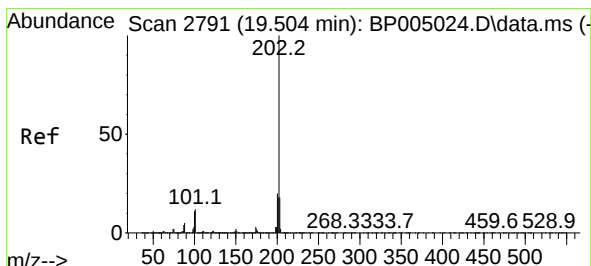
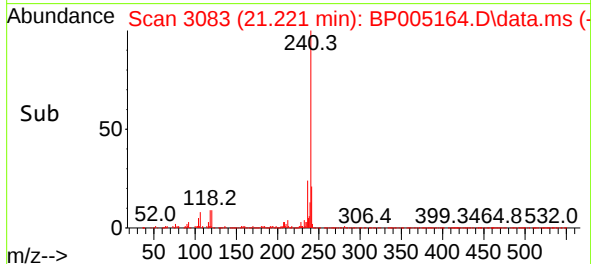
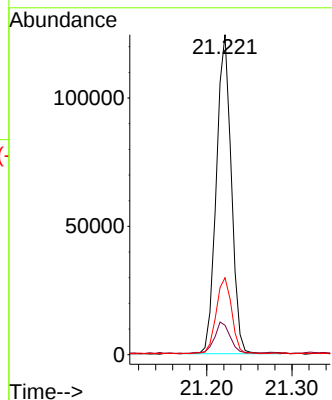
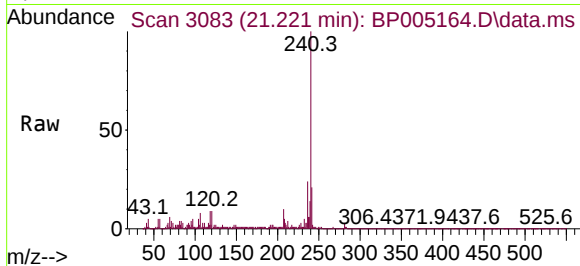




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.221 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

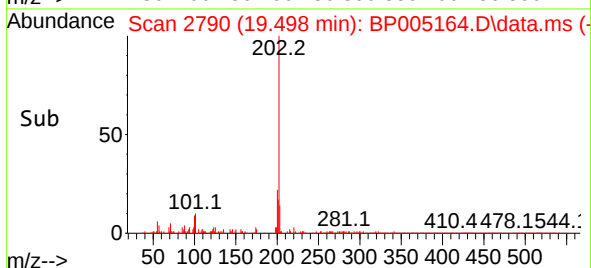
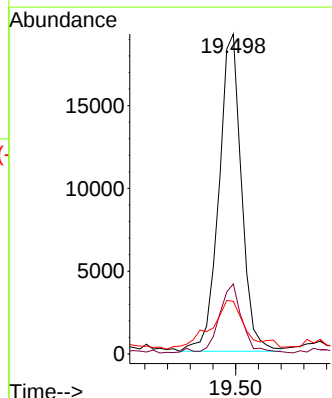
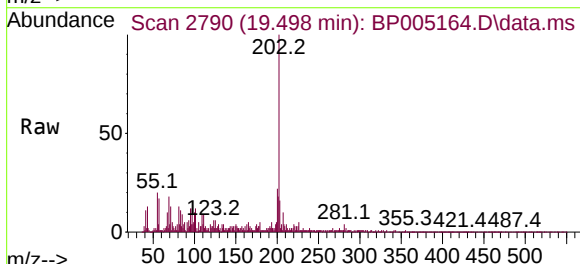
Instrument :
BNA_P
ClientSampleId :
B5-0-2

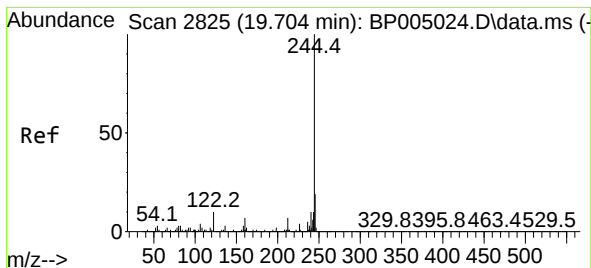
Tgt Ion:	240	Resp:	151328
Ion Ratio	Lower	Upper	
240	100		
120	9.2	7.8	11.6
236	24.1	20.8	31.2



#78
Pyrene
Concen: 2.55 ng
RT: 19.498 min Scan# 2790
Delta R.T. -0.000 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

Tgt Ion:	202	Resp:	26483
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.1	25.7
203	16.4	14.2	21.2





#79

Terphenyl-d14

Concen: 65.52 ng

RT: 19.698 min Scan# 2824

Delta R.T. -0.000 min

Lab File: BP005164.D

Acq: 02 Apr 2021 17:53

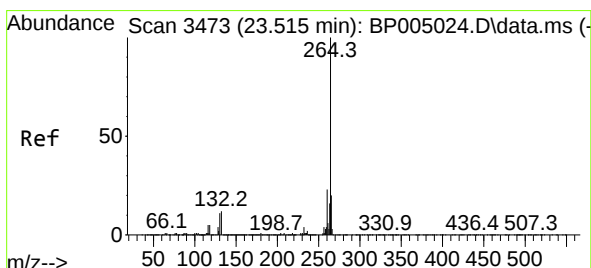
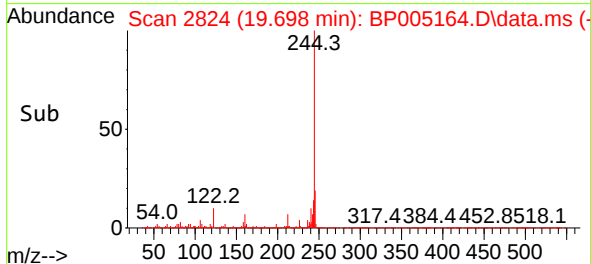
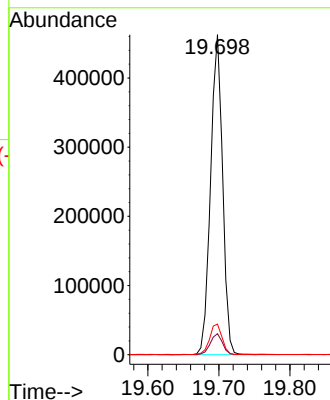
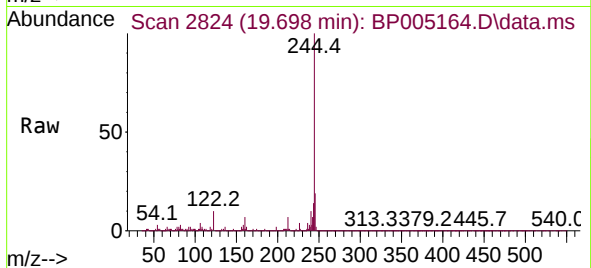
Instrument :

BNA_P

ClientSampled :

B5-0-2

Tgt Ion:244	Resp: 544621
Ion Ratio	Lower Upper
244 100	
212 6.6	5.8 8.6
122 9.6	7.8 11.8



#86

Perylene-d12

Concen: 20.00 ng

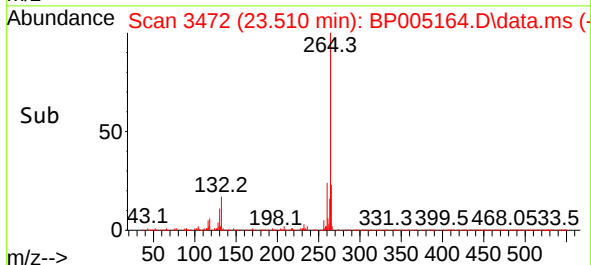
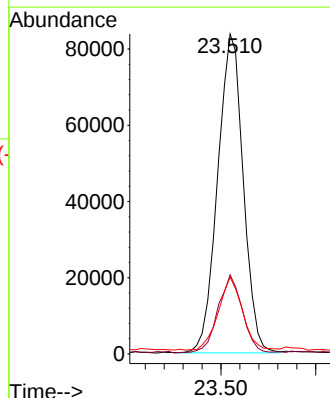
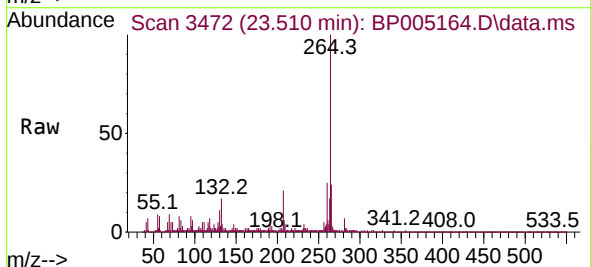
RT: 23.510 min Scan# 3472

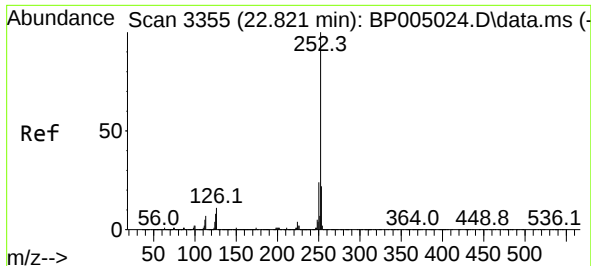
Delta R.T. -0.000 min

Lab File: BP005164.D

Acq: 02 Apr 2021 17:53

Tgt Ion:264	Resp: 156936
Ion Ratio	Lower Upper
264 100	
260 24.7	18.8 28.2
265 24.0	17.4 26.2

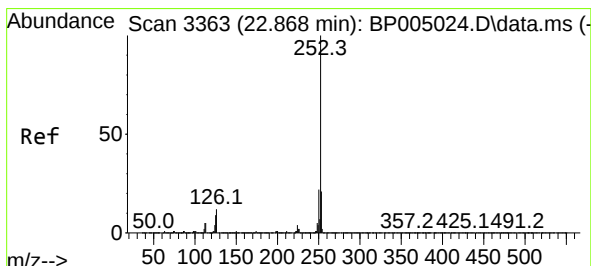
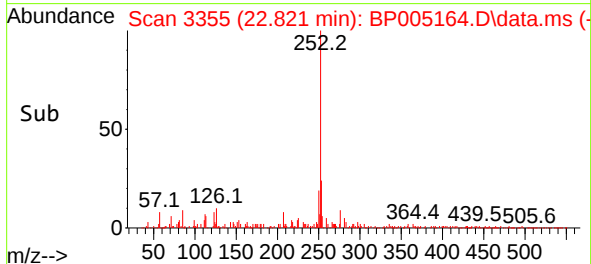
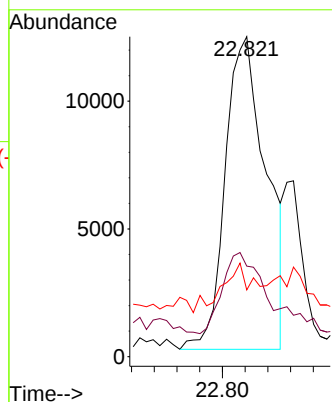
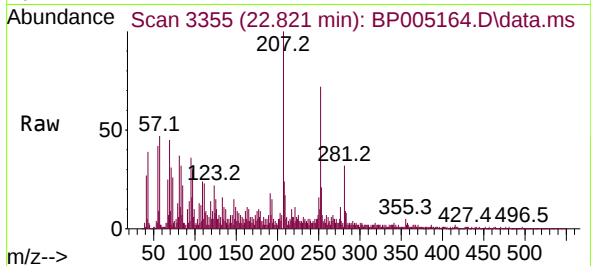




#88
Benzo(b)fluoranthene
Concen: 2.75 ng
RT: 22.821 min Scan# 3355
Delta R.T. 0.006 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

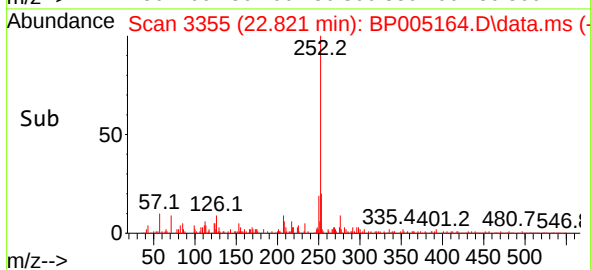
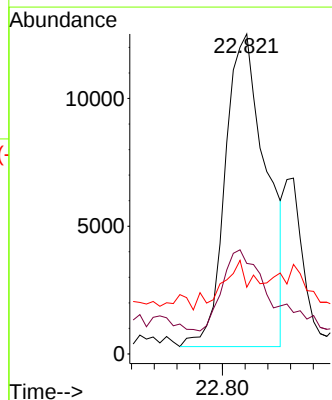
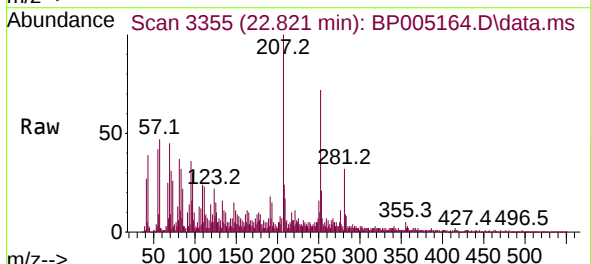
Instrument :
BNA_P
ClientSampled :
B5-0-2

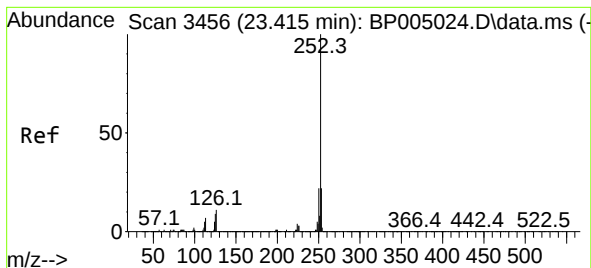
Tgt Ion:252 Resp: 30643
Ion Ratio Lower Upper
252 100
253 28.3 17.6 26.4#
125 20.9 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 2.87 ng
RT: 22.821 min Scan# 3355
Delta R.T. -0.041 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

Tgt Ion:252 Resp: 30643
Ion Ratio Lower Upper
252 100
253 28.3 17.8 26.8#
125 20.9 7.4 11.2#





#90

Benzo(a)pyrene

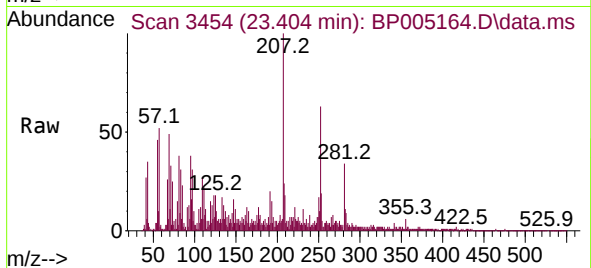
Concen: 2.02 ng

RT: 23.404 min Scan# 3454

Delta R.T. -0.006 min

Lab File: BP005164.D

Acq: 02 Apr 2021 17:53



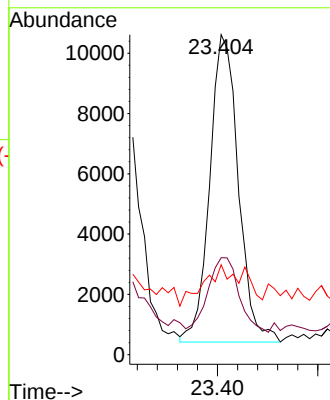
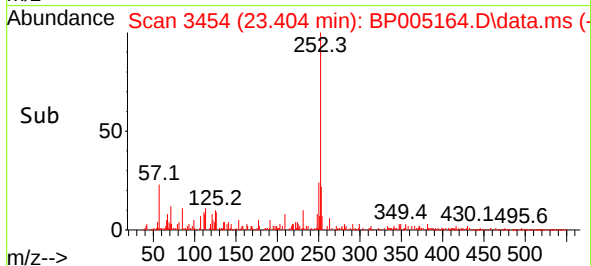
Tgt Ion:252 Resp: 20185

Ion Ratio Lower Upper

252 100

253 30.3 17.4 26.0#

125 28.1 8.2 12.4#



Instrument :

BNA_P

ClientSampleId :

B5-0-2