

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
 Data File : BP005161.D
 Acq On : 02 Apr 2021 16:11
 Operator : CG/JU
 Sample : M1858-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B4B

Quant Time: Apr 02 16:41:26 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)

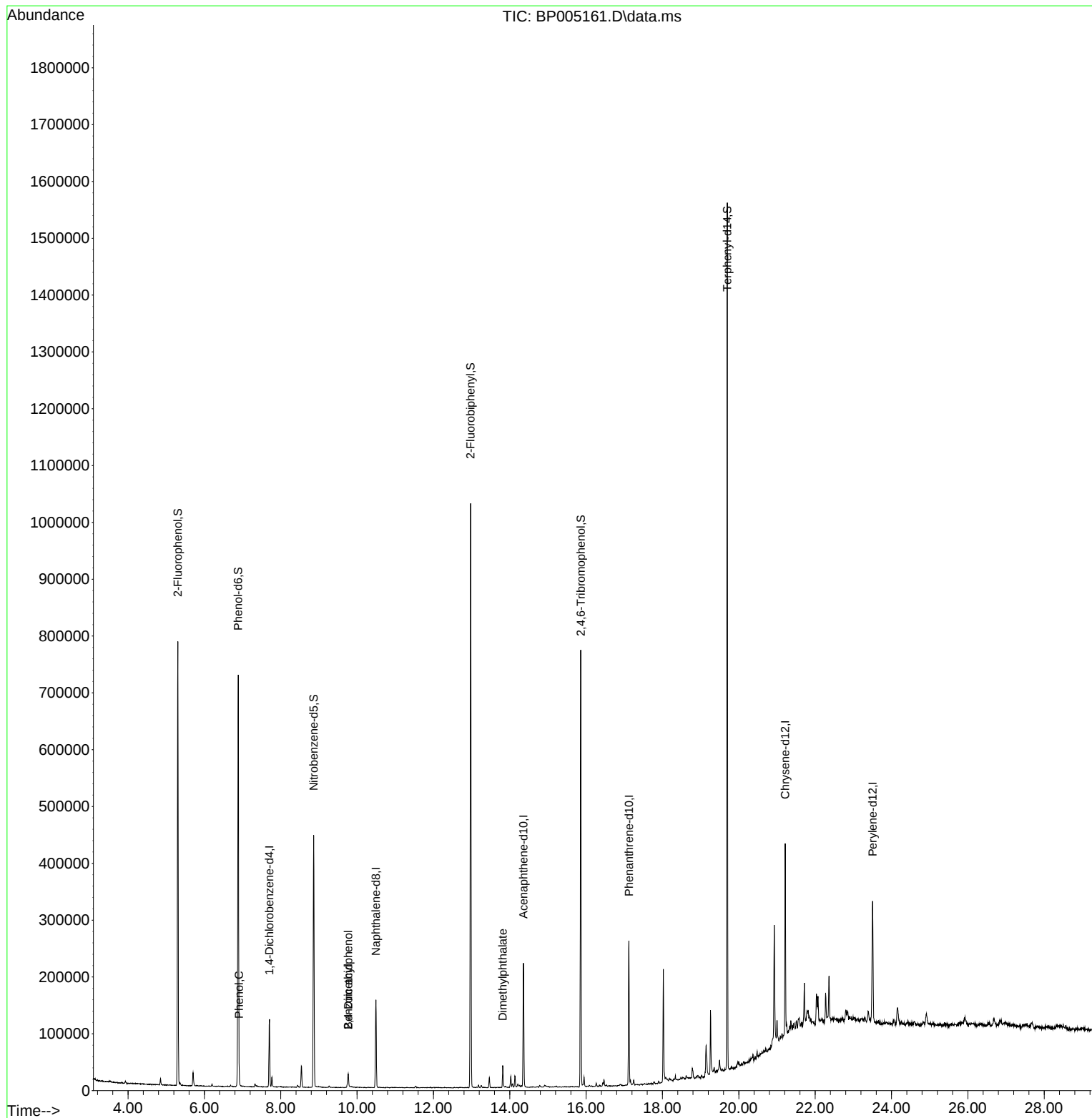
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	30225	20.00	ng	# 0.00
21) Naphthalene-d8	10.493	136	120338	20.00	ng	# 0.00
39) Acenaphthene-d10	14.357	164	72143	20.00	ng	0.00
64) Phenanthrene-d10	17.122	188	148177	20.00	ng	# 0.00
76) Chrysene-d12	21.216	240	141330	20.00	ng	-0.01
86) Perylene-d12	23.504	264	146611	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	317622	161.72	ng	0.00
7) Phenol-d6	6.887	99	413747	147.07	ng	0.00
23) Nitrobenzene-d5	8.863	82	268095	95.59	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	131444	139.84	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	503823	94.47	ng	0.00
79) Terphenyl-d14	19.698	244	678132	87.35	ng	0.00
Target Compounds						
10) Phenol	6.911	94	6396	2.22	ng	Qvalue 81
27) 2,4-Dimethylphenol	9.769	122	9923	5.38	ng	# 5
32) Benzoic acid	9.769	122	9923	7.25	ng	# 70
50) Dimethylphthalate	13.816	163	21740	3.91	ng	97

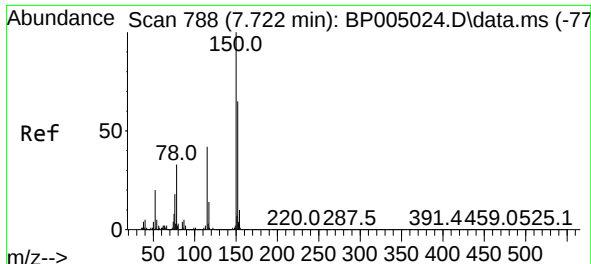
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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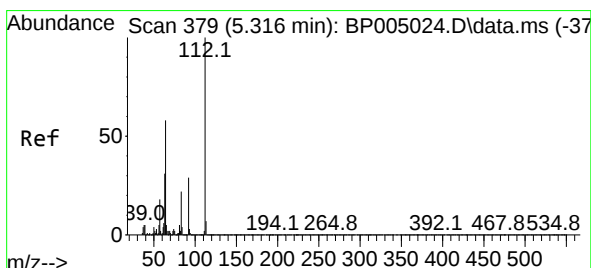
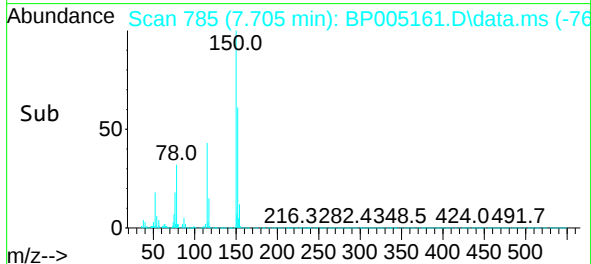
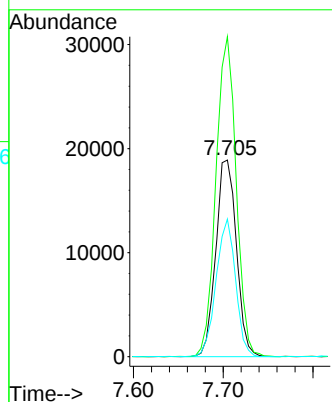
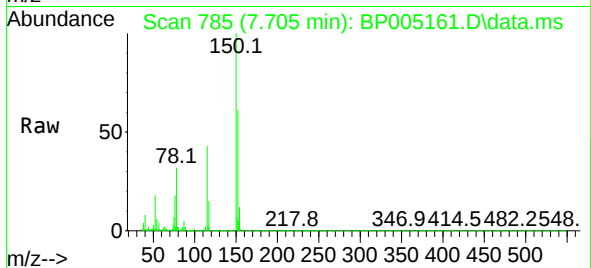




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP005161.D
Acq: 02 Apr 2021 16:11

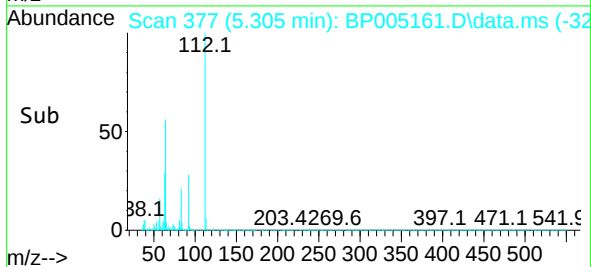
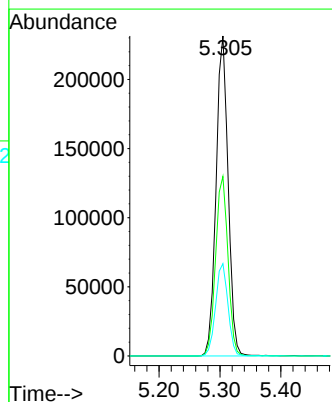
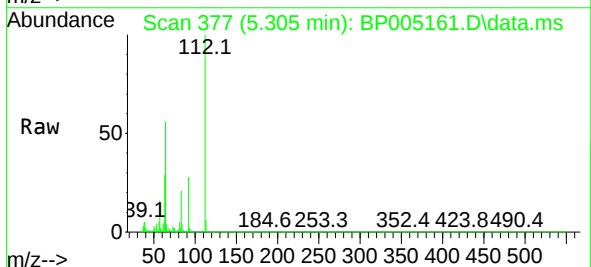
Instrument :
BNA_P
ClientSampled :
B4B

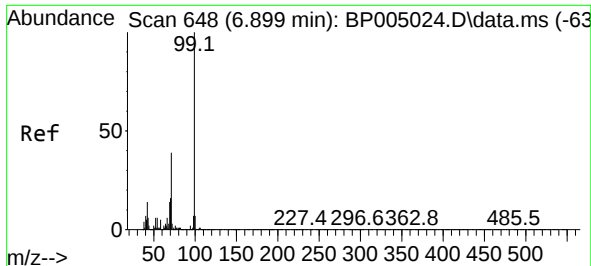
Tgt Ion:152 Resp: 30225
Ion Ratio Lower Upper
152 100
150 162.7 123.8 185.6
115 70.0 43.8 65.6#



#5
2-Fluorophenol
Concen: 161.72 ng
RT: 5.305 min Scan# 377
Delta R.T. -0.000 min
Lab File: BP005161.D
Acq: 02 Apr 2021 16:11

Tgt Ion:112 Resp: 317622
Ion Ratio Lower Upper
112 100
64 56.1 32.8 49.2#
63 28.9 17.0 25.4#

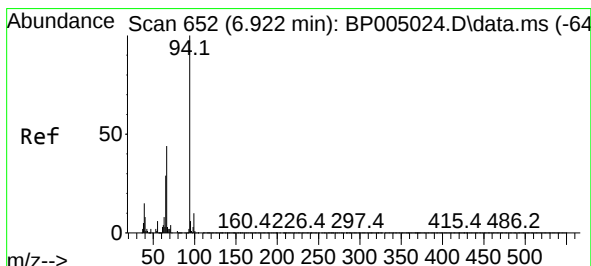
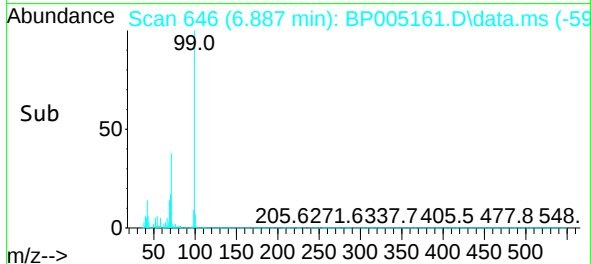
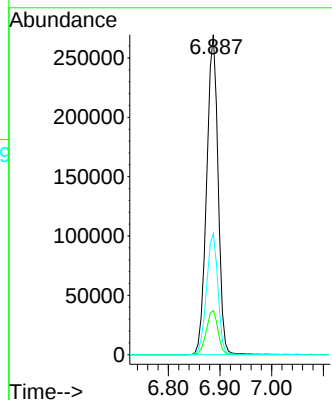
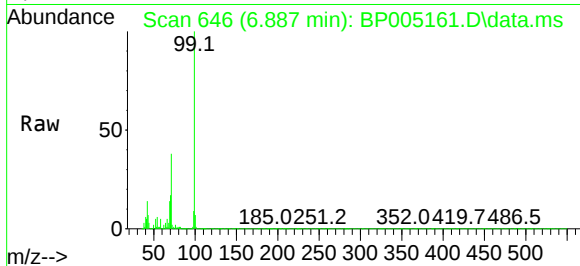




#7
Phenol-d6
Concen: 147.07 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP005161.D
Acq: 02 Apr 2021 16:11

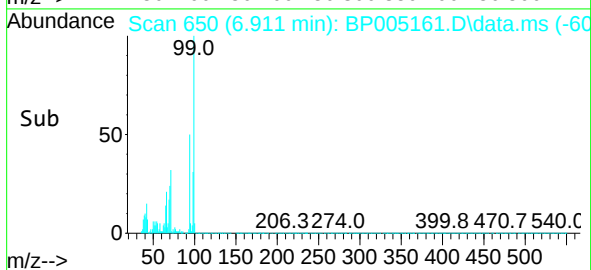
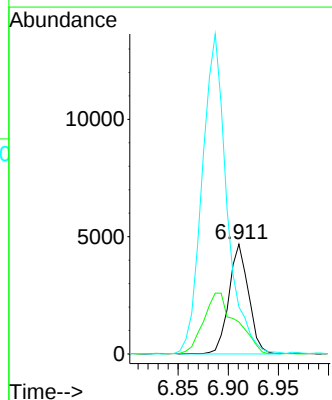
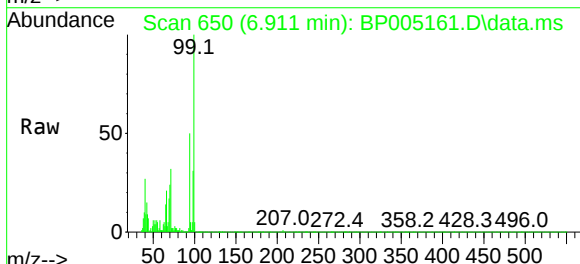
Instrument :
BNA_P
ClientSampleId :
B4B

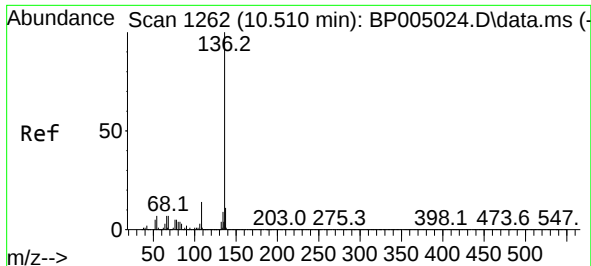
Tgt Ion: 99 Resp: 413747
Ion Ratio Lower Upper
99 100
42 13.8 8.6 13.0#
71 37.7 23.4 35.2#



#10
Phenol
Concen: 2.22 ng
RT: 6.911 min Scan# 650
Delta R.T. -0.006 min
Lab File: BP005161.D
Acq: 02 Apr 2021 16:11

Tgt Ion: 94 Resp: 6396
Ion Ratio Lower Upper
94 100
65 29.2 2.3 42.3
66 42.8 10.9 50.9

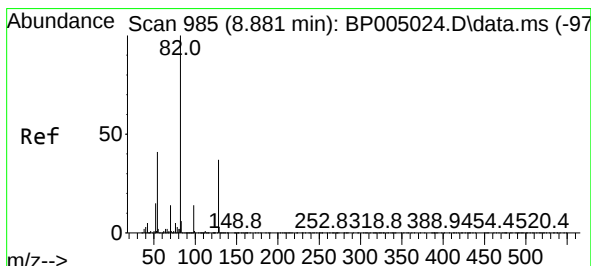
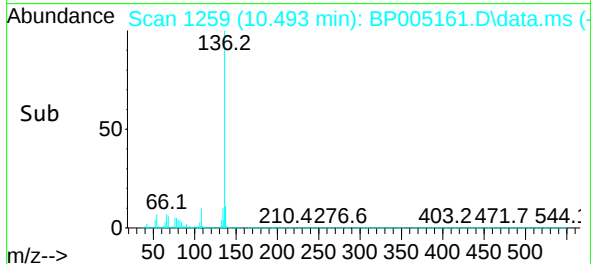
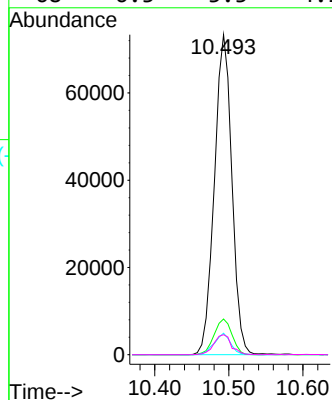
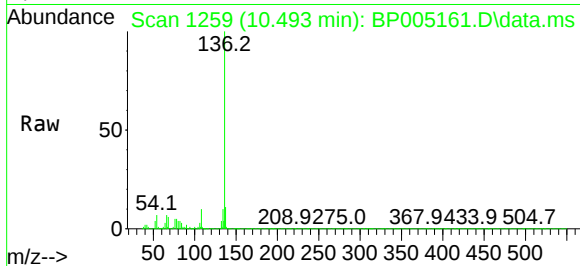




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP005161.D
Acq: 02 Apr 2021 16:11

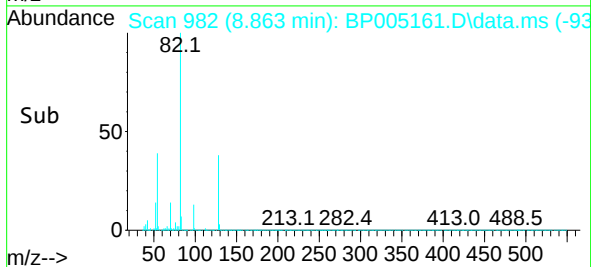
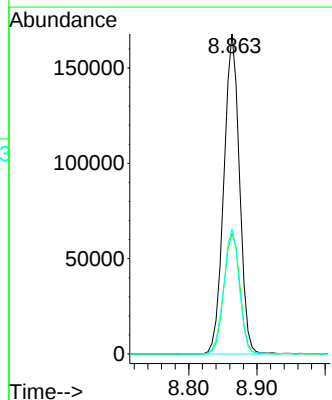
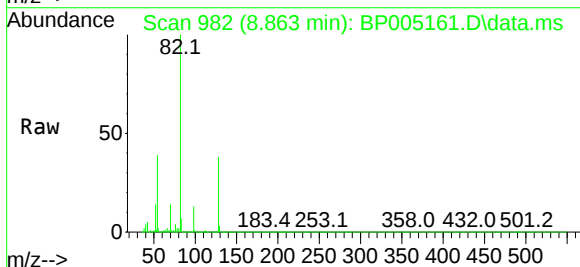
Instrument :
BNA_P
ClientSampleId :
B4B

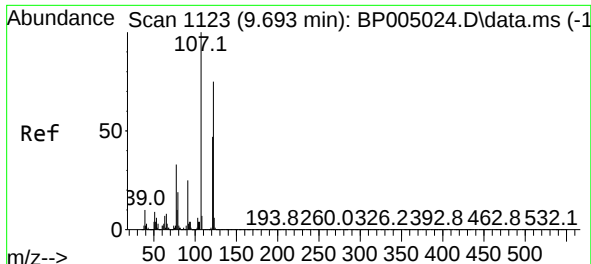
Tgt Ion:	136	Resp:	120338
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	13.0
54	6.7	3.6	5.4#
68	6.3	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 95.59 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BP005161.D
Acq: 02 Apr 2021 16:11

Tgt Ion:	82	Resp:	268095
Ion Ratio	Lower	Upper	
82	100		
128	37.6	45.6	68.4#
54	38.9	30.1	45.1





#27

2,4-Dimethylphenol

Concen: 5.38 ng

RT: 9.769 min Scan# 1136

Delta R.T. 0.088 min

Lab File: BP005161.D

Acq: 02 Apr 2021 16:11

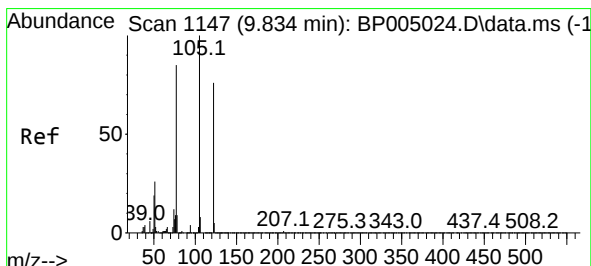
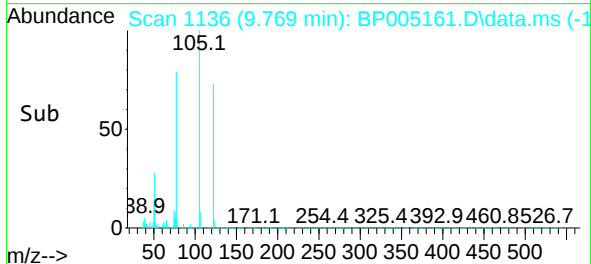
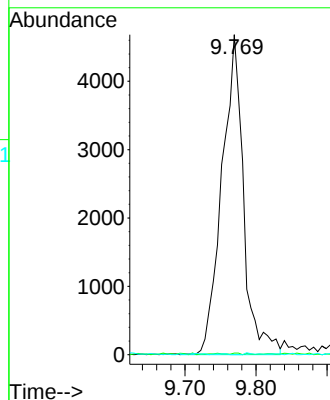
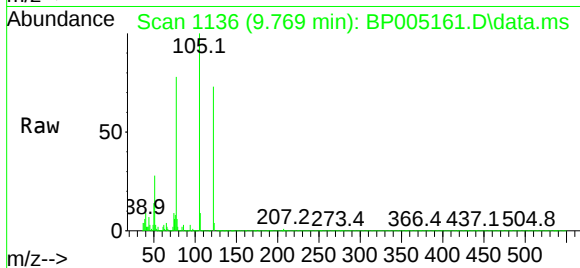
Instrument :

BNA_P

ClientSampled :

B4B

Tgt Ion:	122	Resp:	9923
Ion	Ratio	Lower	Upper
122	100		
107	0.5	87.3	130.9#
121	0.0	47.3	70.9#



#32

Benzoic acid

Concen: 7.25 ng

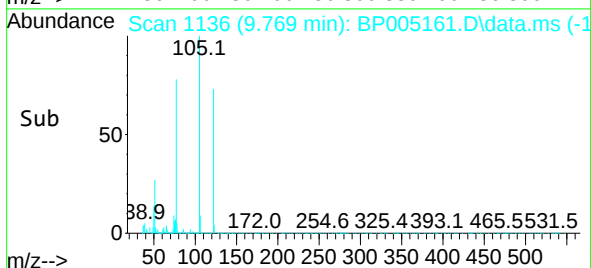
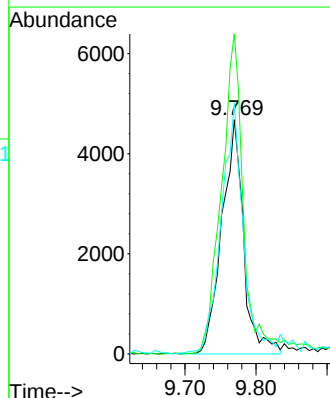
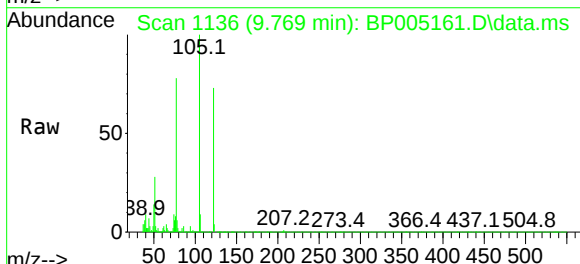
RT: 9.769 min Scan# 1136

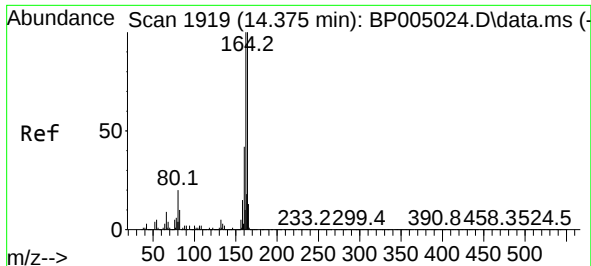
Delta R.T. -0.077 min

Lab File: BP005161.D

Acq: 02 Apr 2021 16:11

Tgt Ion:	122	Resp:	9923
Ion	Ratio	Lower	Upper
122	100		
105	136.6	94.1	134.1#
77	107.2	50.1	90.1#

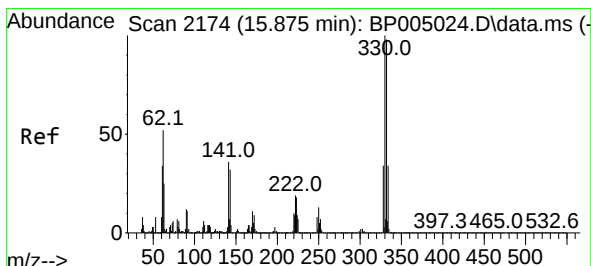
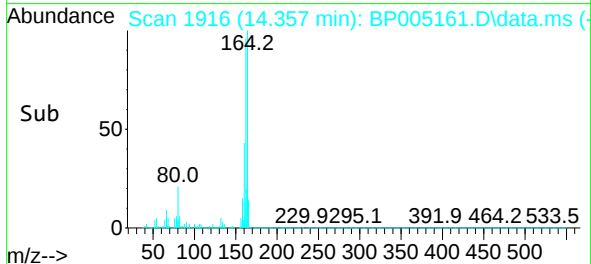
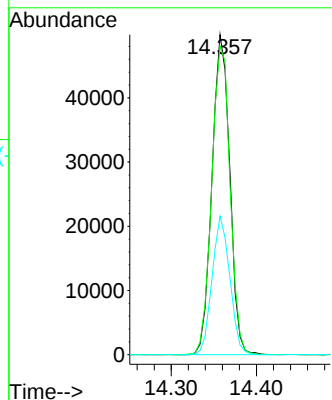
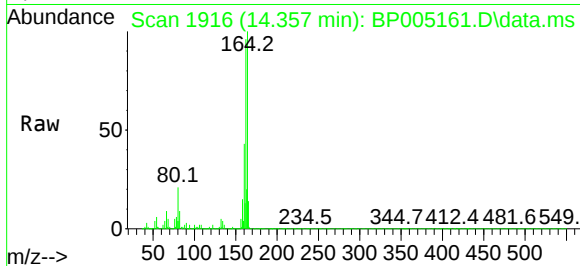




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP005161.D
Acq: 02 Apr 2021 16:11

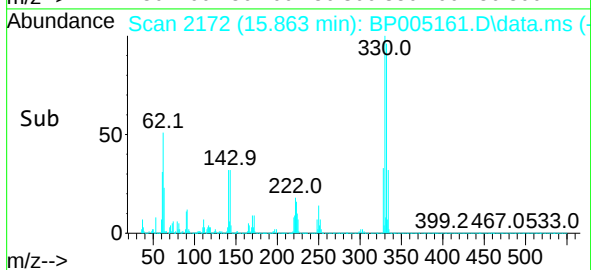
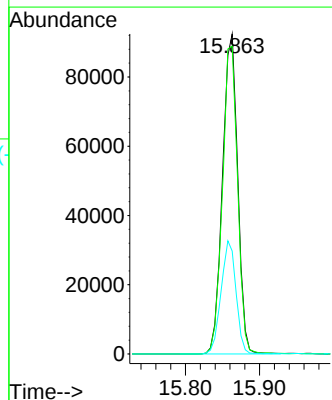
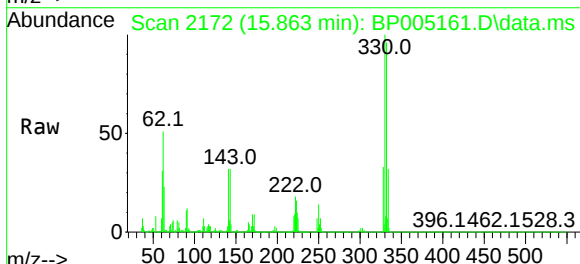
Instrument :
BNA_P
ClientSampled :
B4B

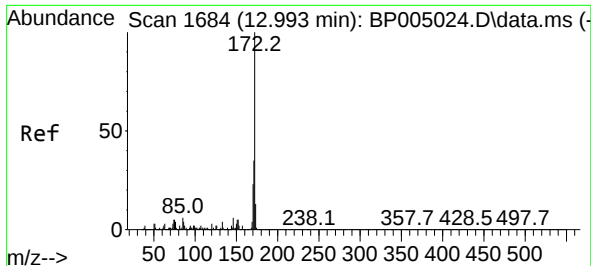
Tgt Ion:164 Resp: 72143
Ion Ratio Lower Upper
164 100
162 96.4 79.4 119.2
160 43.3 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 139.84 ng
RT: 15.863 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP005161.D
Acq: 02 Apr 2021 16:11

Tgt Ion:330 Resp: 131444
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 34.8 23.4 35.2

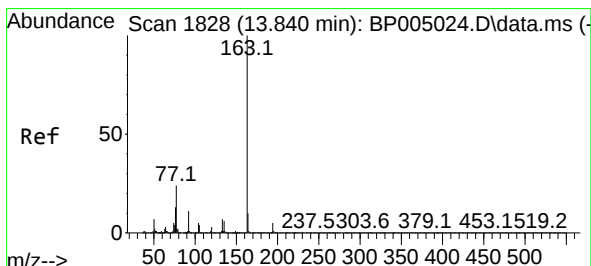
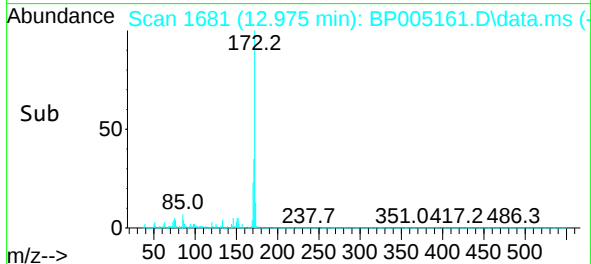
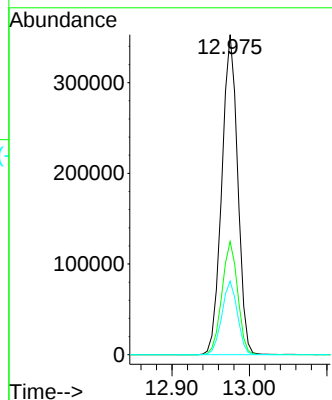
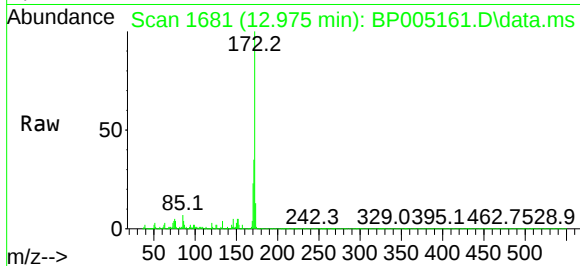




#45
2-Fluorobiphenyl
Concen: 94.47 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005161.D
Acq: 02 Apr 2021 16:11

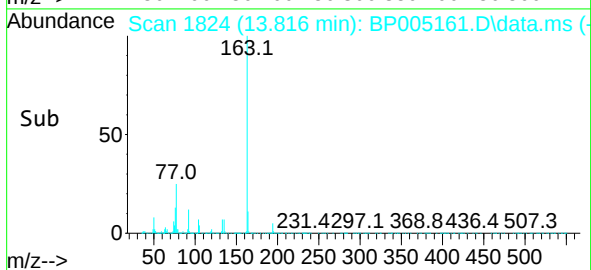
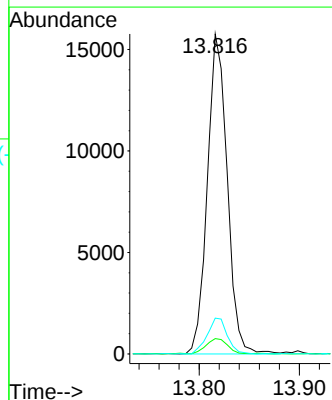
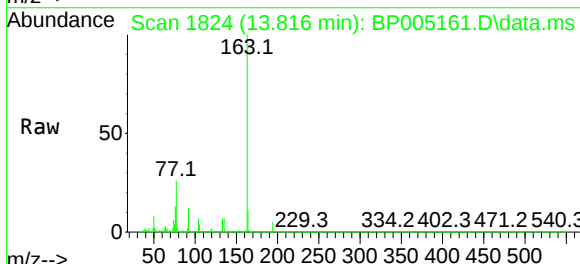
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BNA_P
ClientSampleId :
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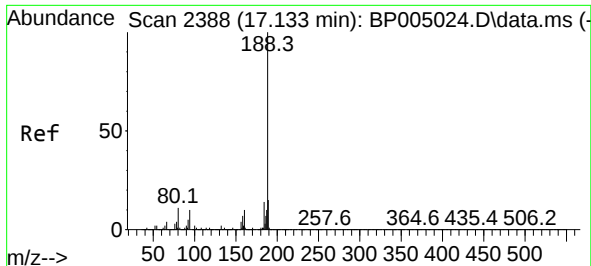
Tgt Ion:172 Resp: 503823
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.0 19.2 28.8



#50
Dimethylphthalate
Concen: 3.91 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BP005161.D
Acq: 02 Apr 2021 16:11

Tgt Ion:163 Resp: 21740
Ion Ratio Lower Upper
163 100
194 4.8 3.3 4.9
164 11.2 8.2 12.2

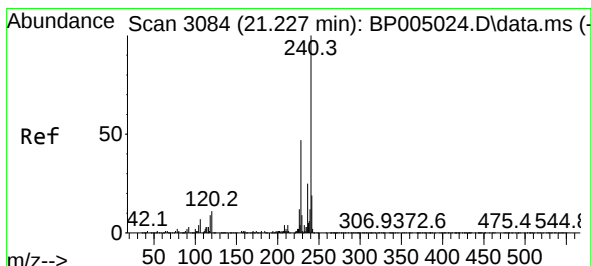
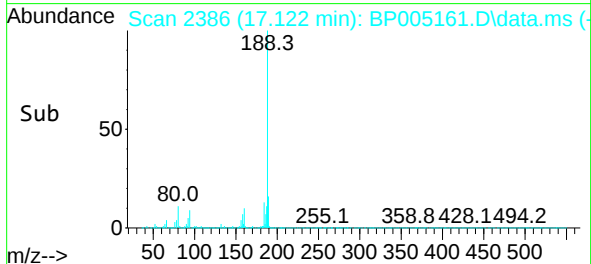
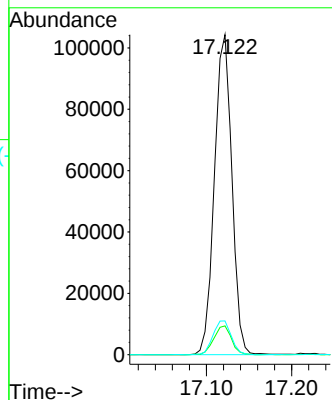
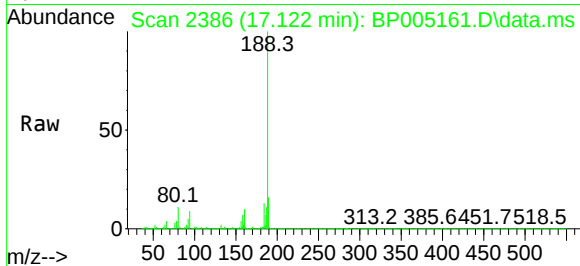




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.122 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BP005161.D
Acq: 02 Apr 2021 16:11

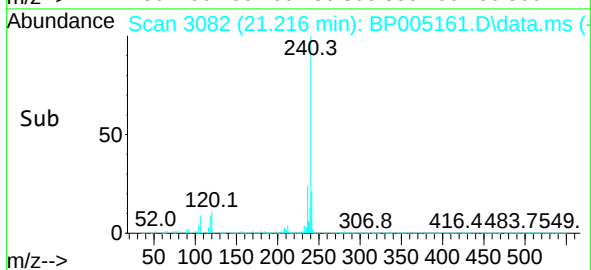
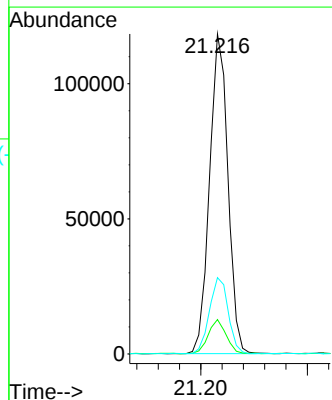
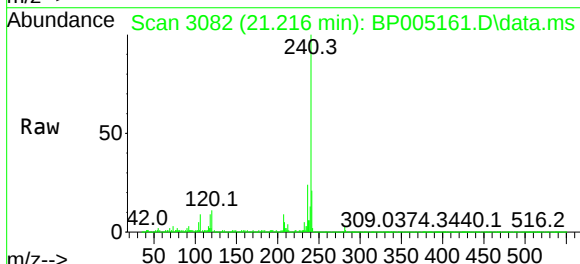
Instrument :
BNA_P
ClientSampled :
B4B

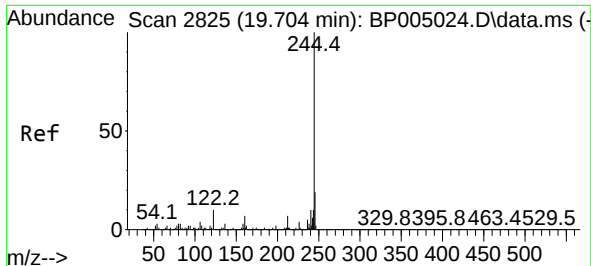
Tgt Ion:188 Resp: 148177
Ion Ratio Lower Upper
188 100
94 9.0 6.2 9.2
80 10.6 6.2 9.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.216 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP005161.D
Acq: 02 Apr 2021 16:11

Tgt Ion:240 Resp: 141330
Ion Ratio Lower Upper
240 100
120 10.8 7.8 11.6
236 23.9 20.8 31.2

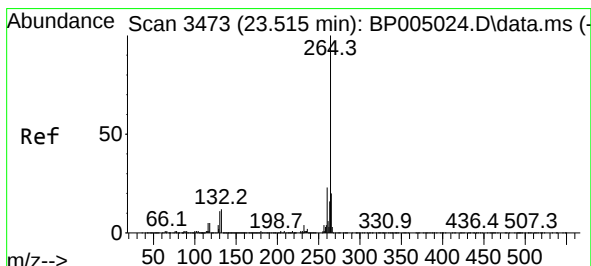
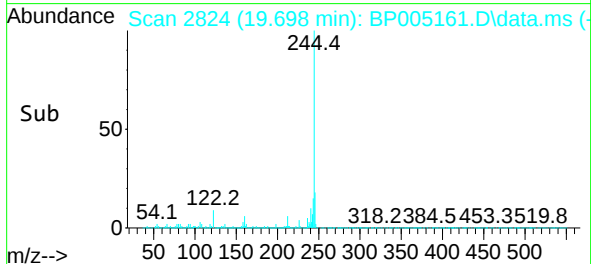
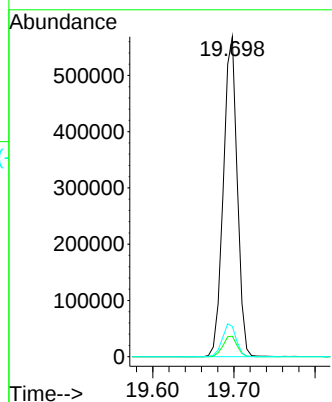
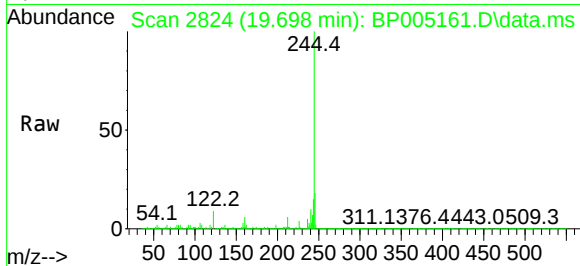




#79
Terphenyl-d14
Concen: 87.35 ng
RT: 19.698 min Scan# 2824
Delta R.T. -0.000 min
Lab File: BP005161.D
Acq: 02 Apr 2021 16:11

Instrument :
BNA_P
ClientSampled :
B4B

Tgt Ion:244 Resp: 678132
Ion Ratio Lower Upper
244 100
212 6.4 5.8 8.6
122 9.5 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.504 min Scan# 3471
Delta R.T. -0.006 min
Lab File: BP005161.D
Acq: 02 Apr 2021 16:11

Tgt Ion:264 Resp: 146611
Ion Ratio Lower Upper
264 100
260 22.3 18.8 28.2
265 21.6 17.4 26.2

