

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
 Data File : BP005155.D
 Acq On : 02 Apr 2021 12:48
 Operator : CG/JU
 Sample : M1836-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B4-8-10

Manual Integrations
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mohammad
 4/5/2021 11:55:10 AM

Quant Time: Apr 02 13:44:27 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	7.710	152	28336	20.00	ng	0.00
21) Naphthalene-d8	10.498	136	110751	20.00	ng	# 0.00
39) Acenaphthene-d10	14.363	164	71091	20.00	ng	0.00
64) Phenanthrene-d10	17.122	188	147499	20.00	ng	# 0.00
76) Chrysene-d12	21.221	240	148814	20.00	ng	0.00
86) Perylene-d12	23.504	264	156225	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	20368	11.06	ng	0.00
7) Phenol-d6	6.887	99	154698	58.65	ng	0.00
23) Nitrobenzene-d5	8.869	82	145473	56.36	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	1145	1.24	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	291838	55.53	ng	0.00
79) Terphenyl-d14	19.698	244	454011	55.54	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.910	94	7971	2.95	ng	# 59
17) 2-Methylphenol	8.157	107	3904	2.26	ng	# 83
20) 3+4-Methylphenols	8.481	107	15605	6.62	ng	# 82
31) Naphthalene	10.551	128	856489	136.90	ng	98
37) 2-Methylnaphthalene	12.169	142	601565	133.16	ng	95
38) 1-Methylnaphthalene	12.387	142	269715m	63.69	ng	
46) 1,1'-Biphenyl	13.187	154	10983	2.03	ng	95
50) Dimethylphthalate	13.816	163	14824	2.71	ng	# 94
71) Phenanthrene	17.163	178	33143	3.88	ng	97
75) Fluoranthene	19.145	202	26517	2.64	ng	97
78) Pyrene	19.498	202	27809	2.72	ng	98

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

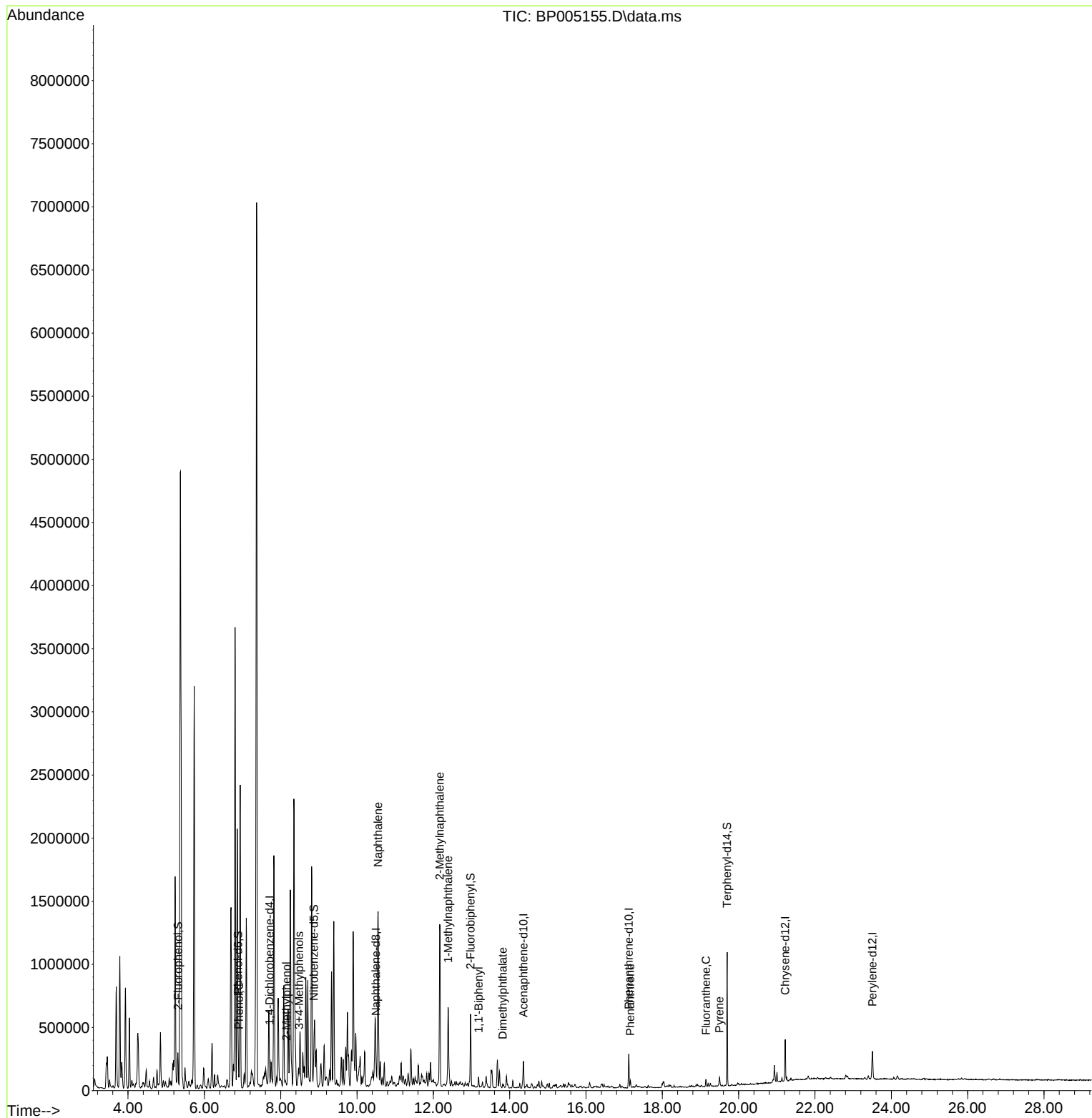
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
Data File : BP005155.D
Acq On : 02 Apr 2021 12:48
Operator : CG/JU
Sample : M1836-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

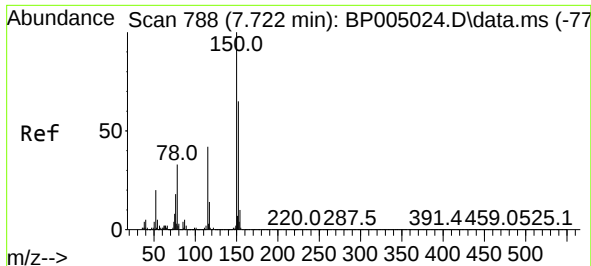
Instrument :
BNA_P
ClientSampleId :
B4-8-10

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Quant Time: Apr 02 13:44:27 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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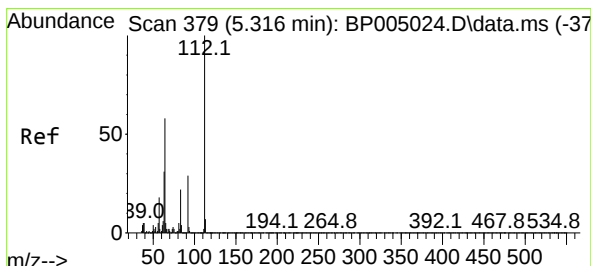
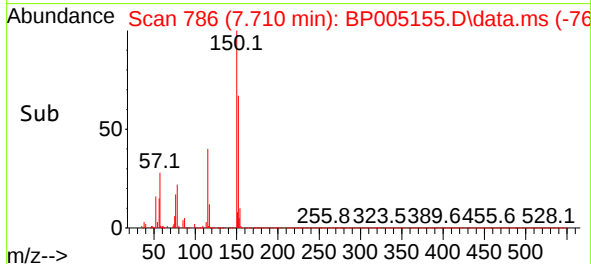
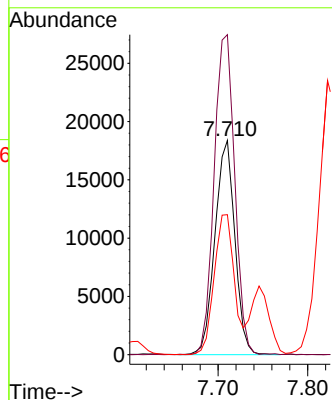
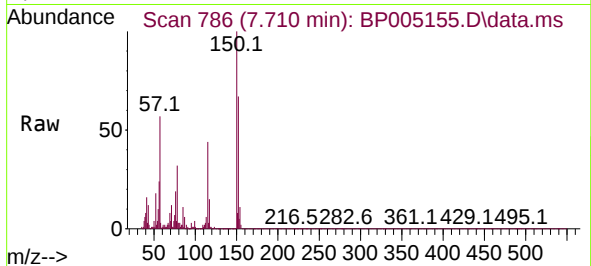
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.710 min Scan# 786
Delta R.T. 0.005 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.4	123.8	185.6
115	65.4	43.8	65.6

Instrument :
BNA_P
ClientSampleId :
B4-8-10

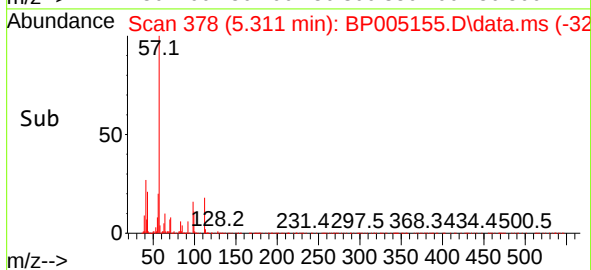
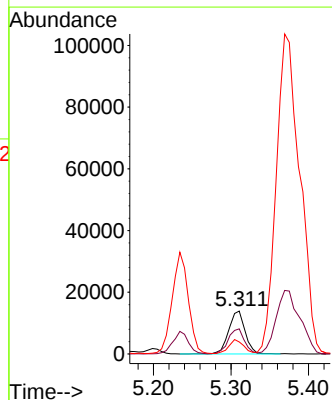
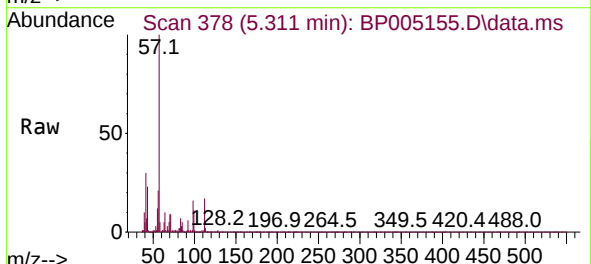
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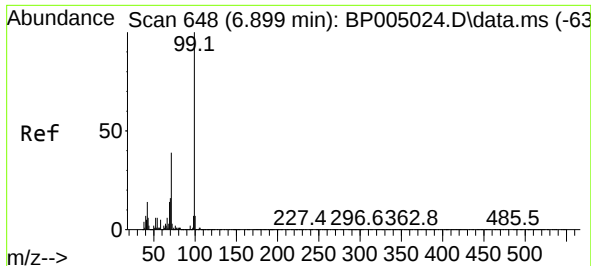
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#5
2-Fluorophenol
Concen: 11.06 ng
RT: 5.311 min Scan# 378
Delta R.T. 0.006 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

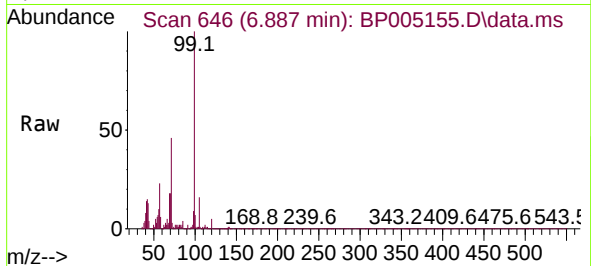
Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	32.8	49.2#
63	27.9	17.0	25.4#





#7
Phenol-d6
Concen: 58.65 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

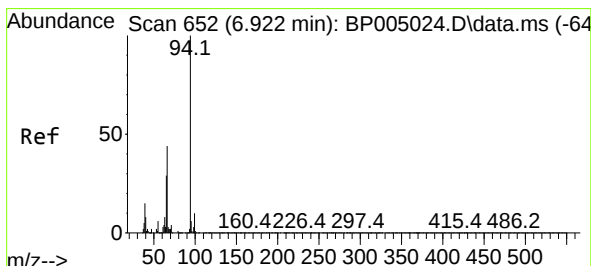
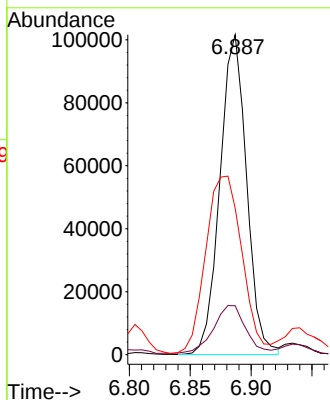
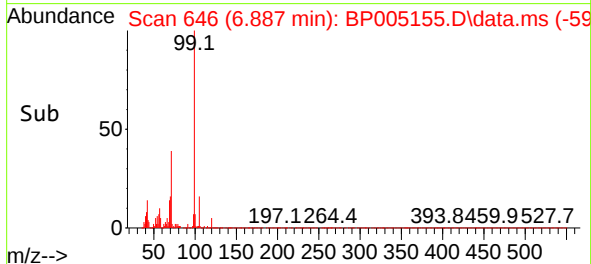
Instrument :
BNA_P
ClientSampleId :
B4-8-10



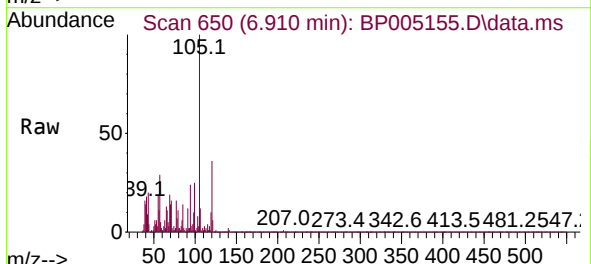
Tgt Ion: 99 Resp: 154698
Ion Ratio Lower Upper
99 100
42 15.3 8.6 13.0#
71 45.8 23.4 35.2#

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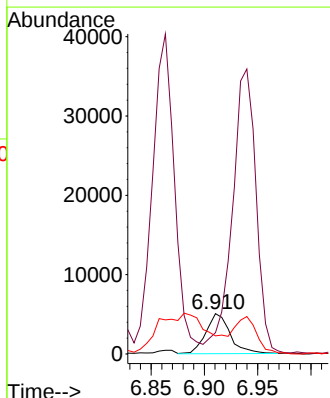
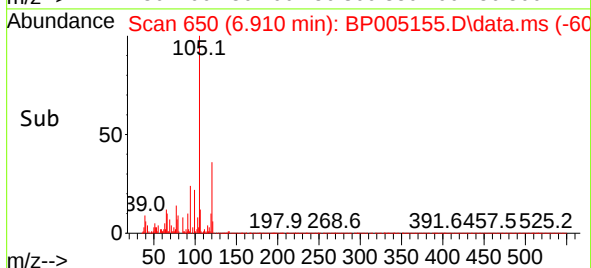
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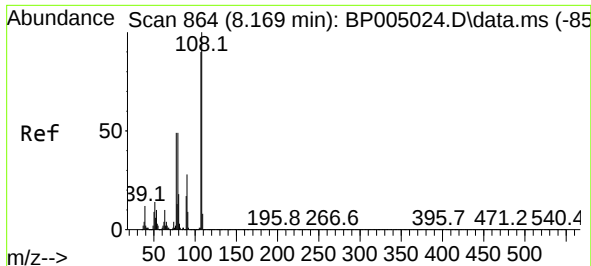


#10
Phenol
Concen: 2.95 ng
RT: 6.910 min Scan# 650
Delta R.T. -0.006 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48



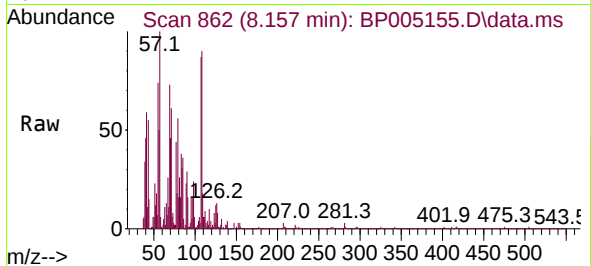
Tgt Ion: 94 Resp: 7971
Ion Ratio Lower Upper
94 100
65 52.9 2.3 42.3#
66 44.7 10.9 50.9





#17
2-Methylphenol
Concen: 2.26 ng
RT: 8.157 min Scan# 862
Delta R.T. 0.006 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

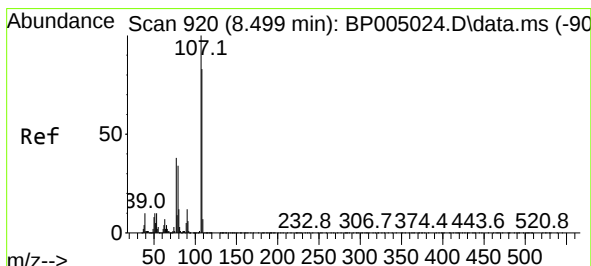
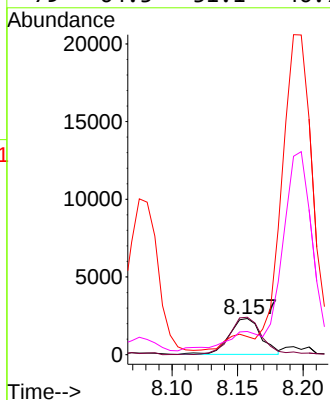
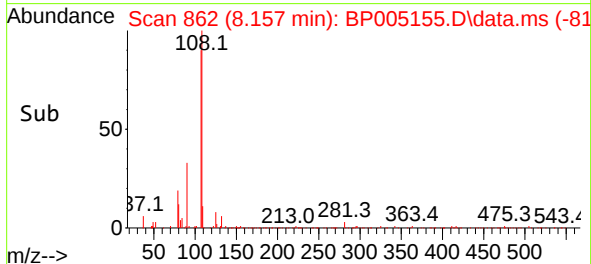
Instrument :
BNA_P
ClientSampleId :
B4-8-10



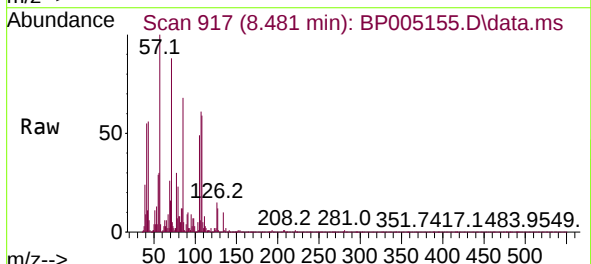
Tgt Ion	Ratio	Lower	Upper
107	100		
108	103.3	89.6	134.4
77	50.1	31.8	47.6#
79	64.3	31.1	46.7#

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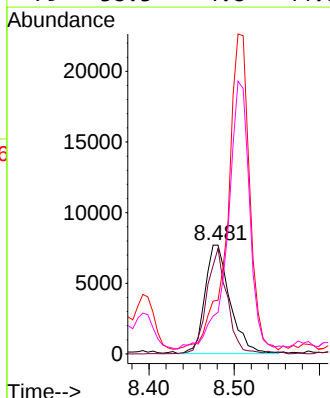
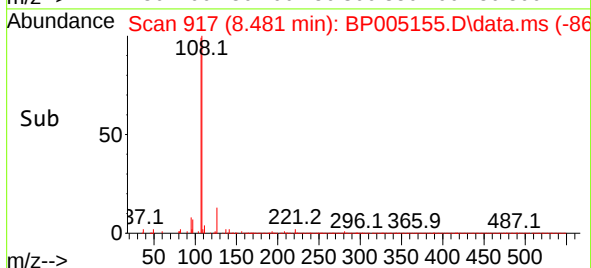
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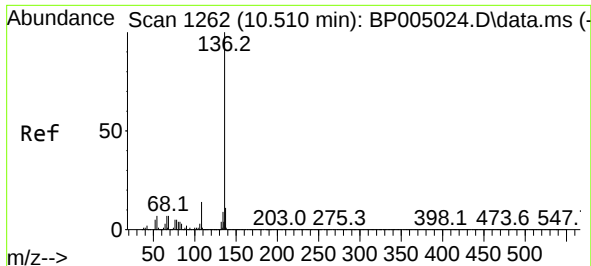


#20
3+4-Methylphenols
Concen: 6.62 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48



Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.8	69.0	109.0
77	49.3	8.5	48.5#
79	38.3	4.8	44.8





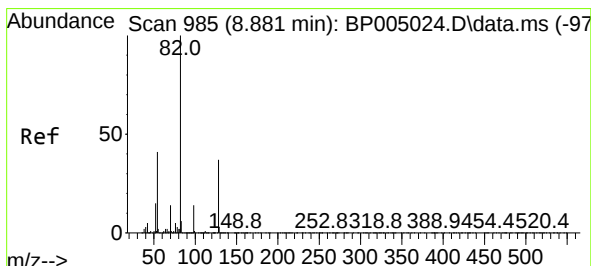
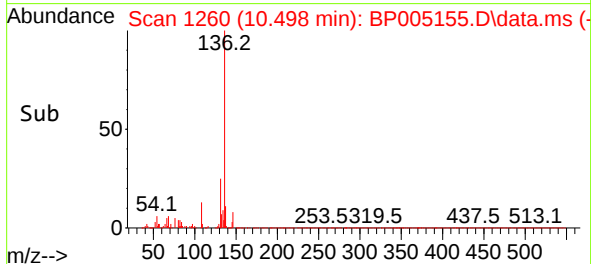
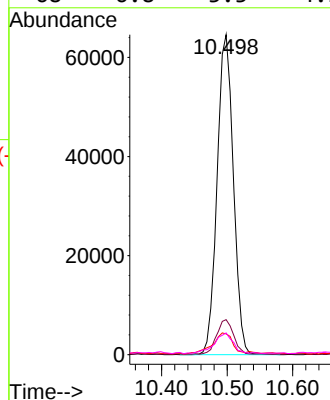
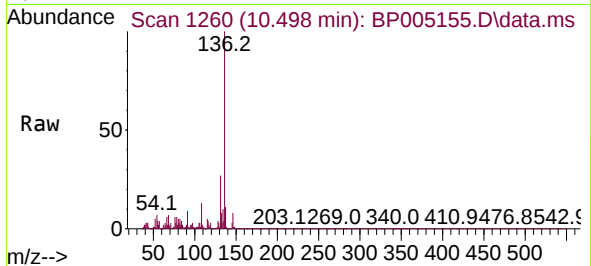
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

Tgt Ion:	136	Resp:	110751
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	6.5	3.6	5.4#
68	6.8	3.3	4.9#

Instrument :
BNA_P
ClientSampleId :
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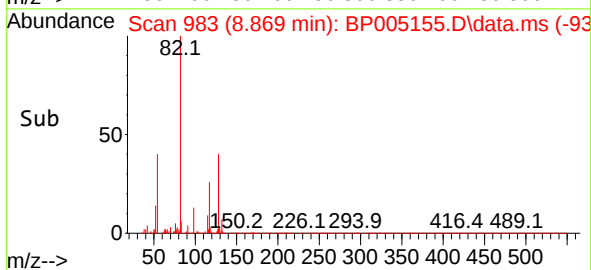
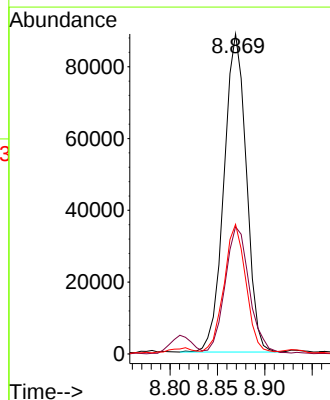
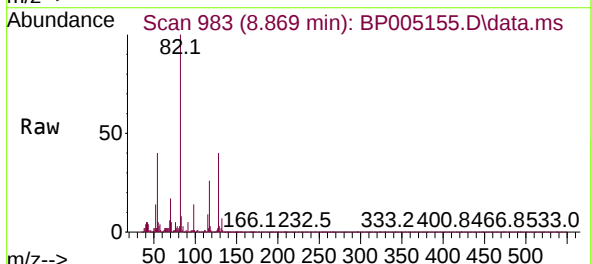
Manual Integrations
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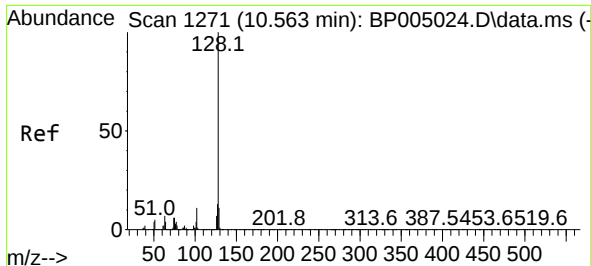
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#23
Nitrobenzene-d5
Concen: 56.36 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.000 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

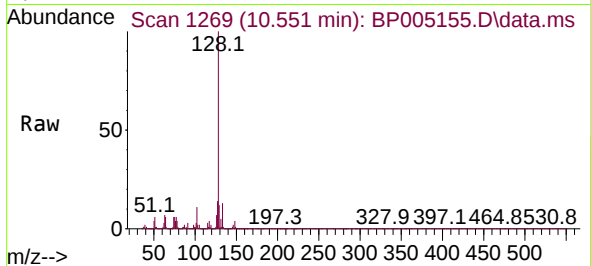
Tgt Ion:	82	Resp:	145473
Ion Ratio	Lower	Upper	
82	100		
128	39.7	45.6	68.4#
54	40.5	30.1	45.1





#31
Naphthalene
Concen: 136.90 ng
RT: 10.551 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

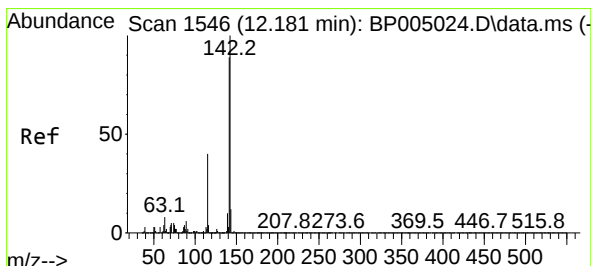
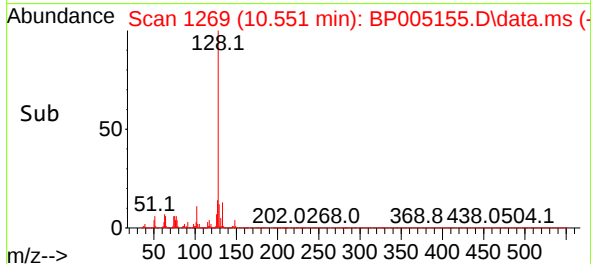
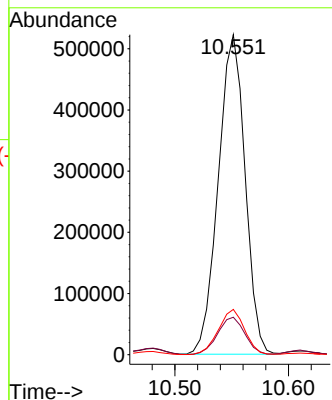
Instrument :
BNA_P
ClientSampleId :
B4-8-10



Tgt Ion:128 Resp: 856489
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 14.1 10.6 15.8

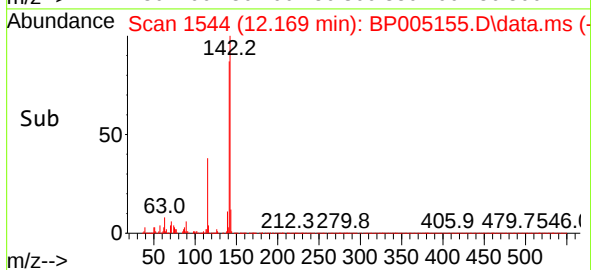
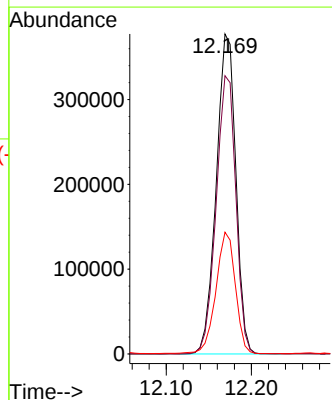
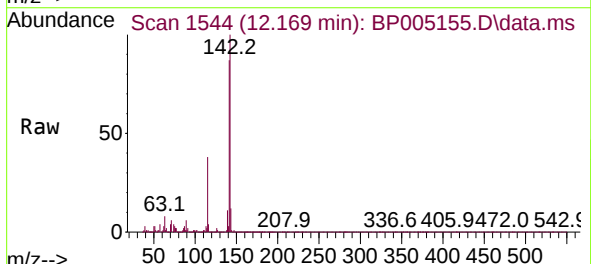
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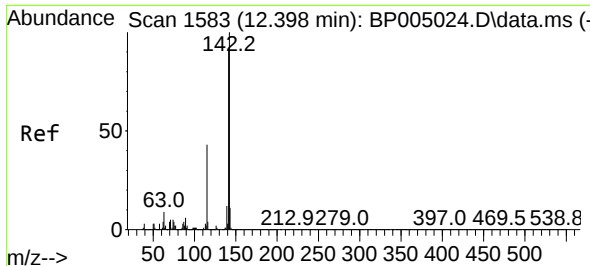
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#37
2-Methylnaphthalene
Concen: 133.16 ng
RT: 12.169 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

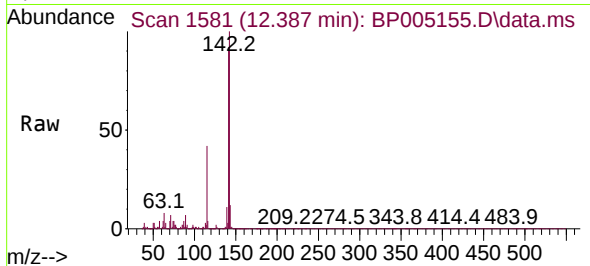
Tgt Ion:142 Resp: 601565
Ion Ratio Lower Upper
142 100
141 86.9 71.4 107.2
115 38.1 25.8 38.6





#38
1-Methylnaphthalene
Concen: 63.69 ng m
RT: 12.387 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

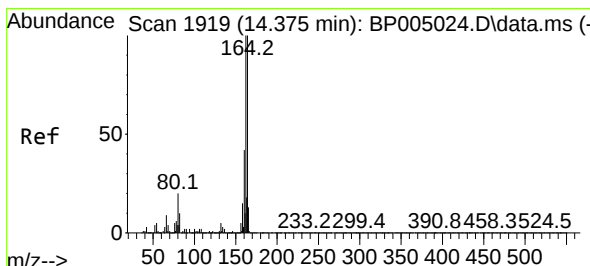
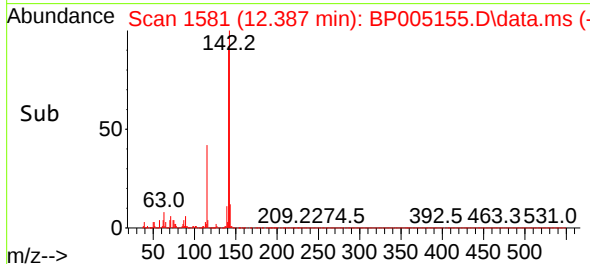
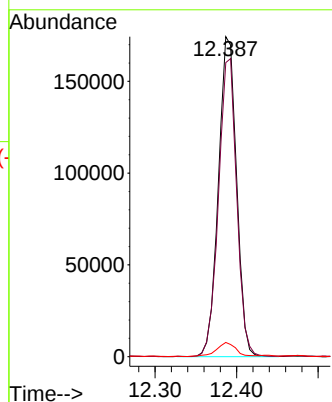
Instrument :
BNA_P
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Tgt Ion:142 Resp: 269715
Ion Ratio Lower Upper
142 100
141 91.9 74.4 111.6
116 4.5 2.9 4.3#

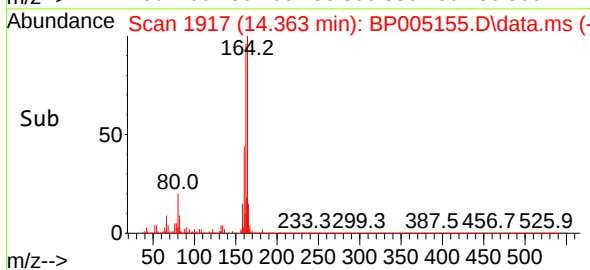
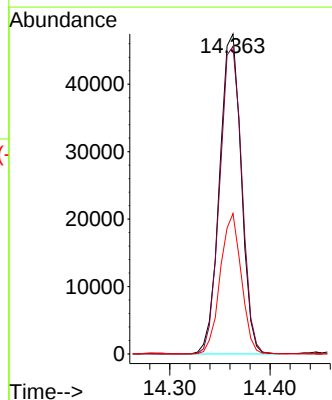
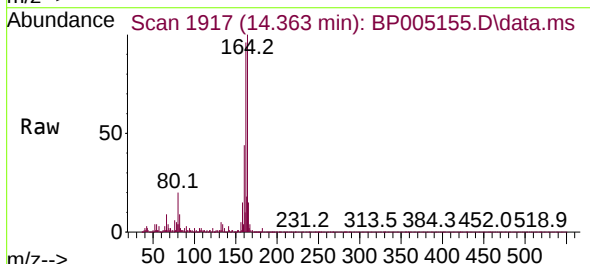
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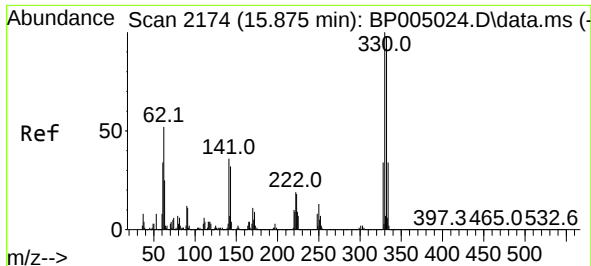
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

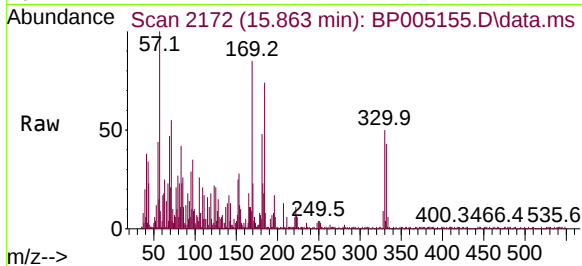
Tgt Ion:164 Resp: 71091
Ion Ratio Lower Upper
164 100
162 96.1 79.4 119.2
160 43.9 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 1.24 ng
RT: 15.863 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

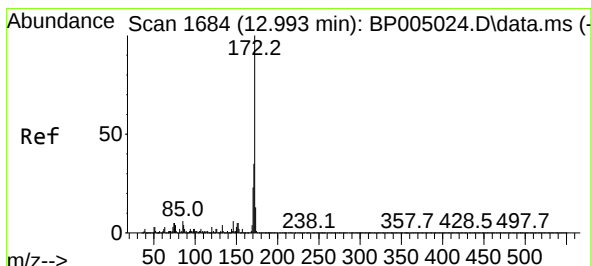
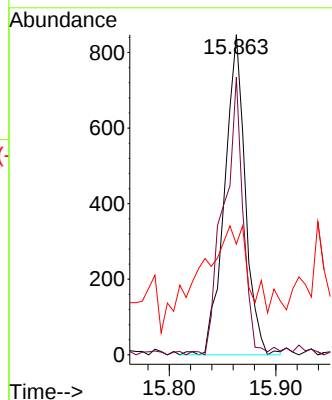
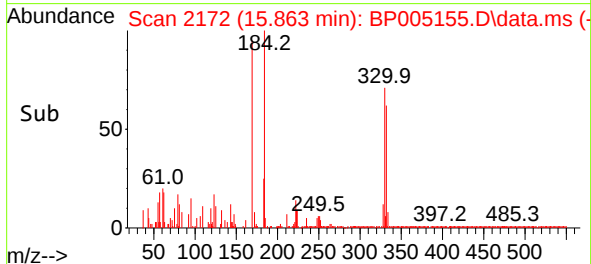
Instrument :
BNA_P
ClientSampled :
B4-8-10



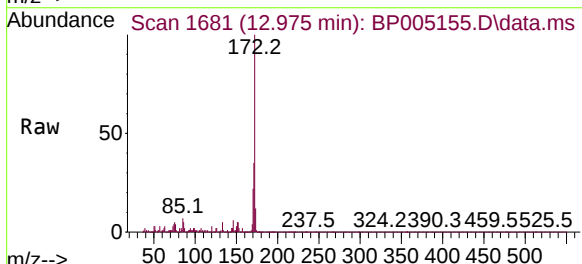
Tgt Ion:330 Resp: 1145
Ion Ratio Lower Upper
330 100
332 81.2 77.1 115.7
141 54.5 23.4 35.2#

Manual Integrations
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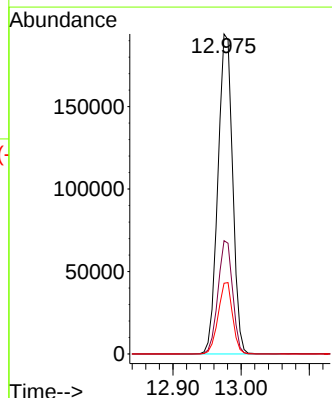
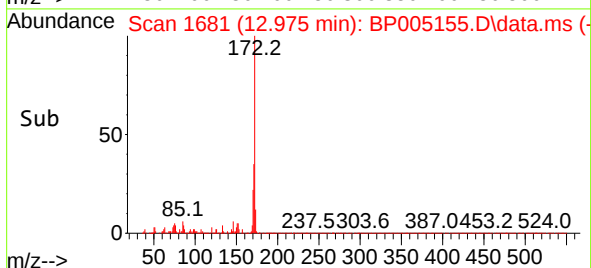
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4/5/2021 11:55:10 AM

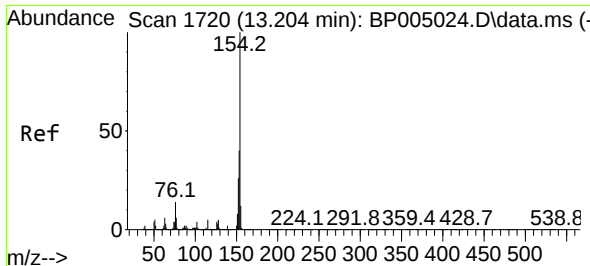


#45
2-Fluorobiphenyl
Concen: 55.53 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48



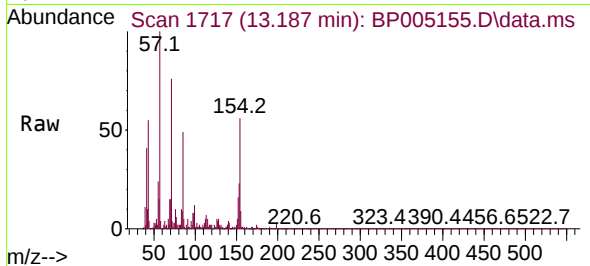
Tgt Ion:172 Resp: 291838
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.1 19.2 28.8





#46
1,1'-Biphenyl
Concen: 2.03 ng
RT: 13.187 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

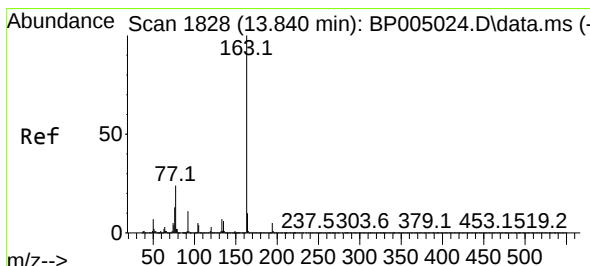
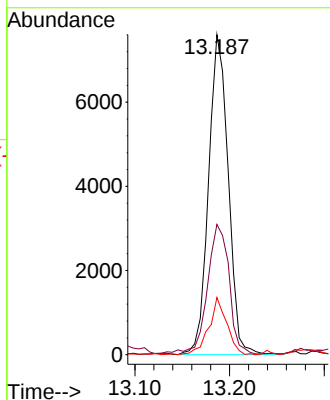
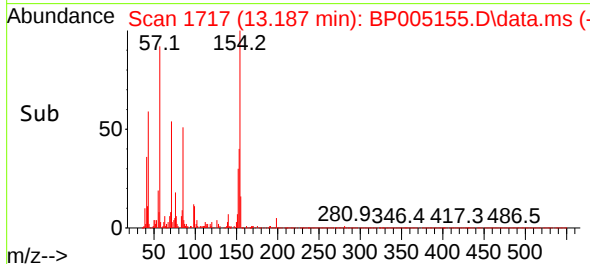
Instrument :
BNA_P
ClientSampleId :
B4-8-10



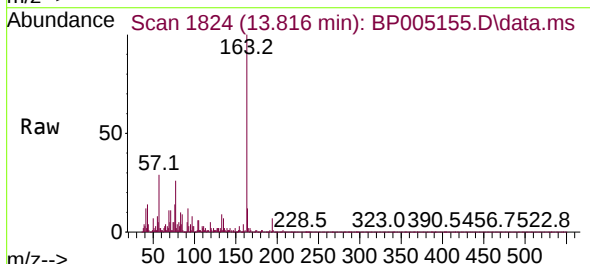
Tgt Ion:	154	Resp:	10983
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.4	60.4
76	17.9	0.0	29.3

Manual Integrations
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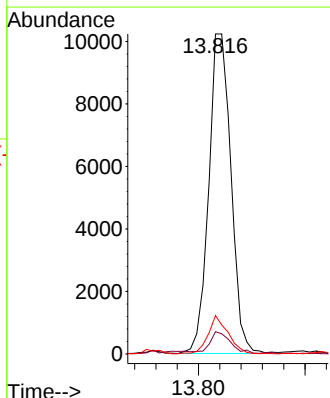
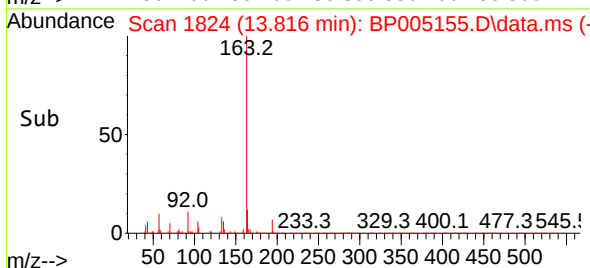
mohammad
4/5/2021 11:55:10 AM

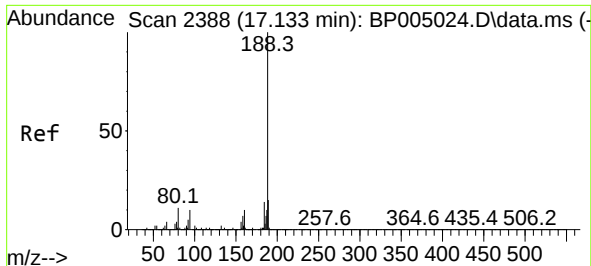


#50
Dimethylphthalate
Concen: 2.71 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48



Tgt Ion:	163	Resp:	14824
Ion Ratio	Lower	Upper	
163	100		
194	6.9	3.3	4.9#
164	12.0	8.2	12.2





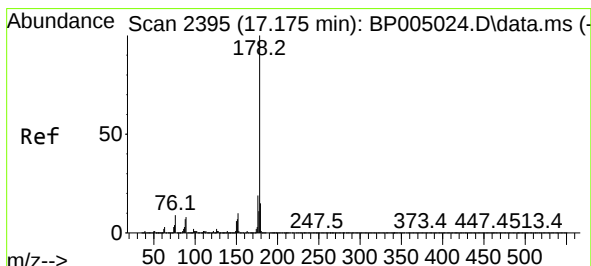
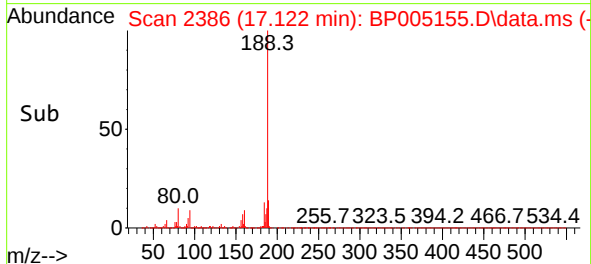
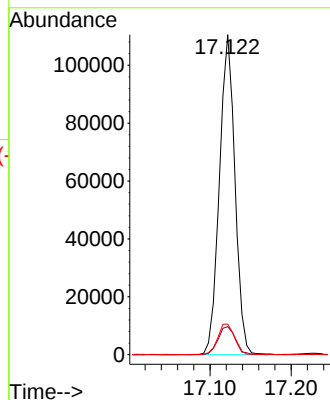
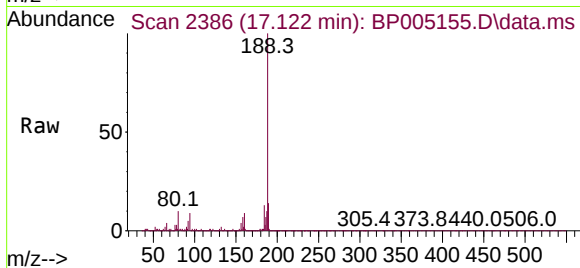
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.122 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

Instrument :
BNA_P
ClientSampleId :
B4-8-10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.2	9.2
80	9.6	6.2	9.2#

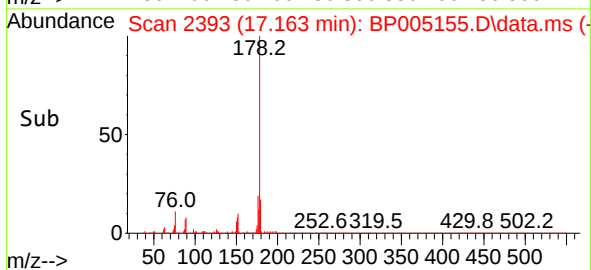
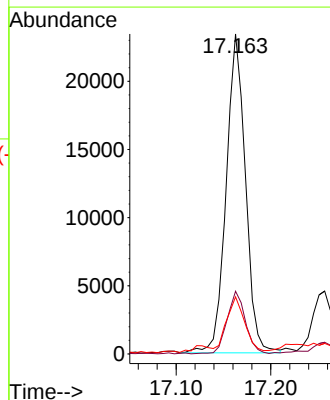
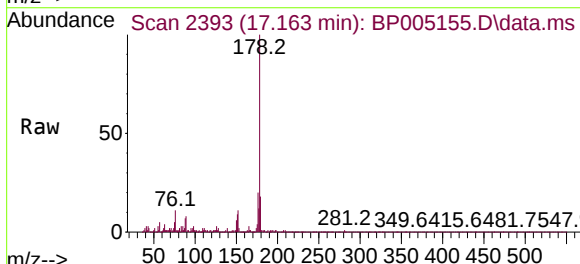
Manual Integrations
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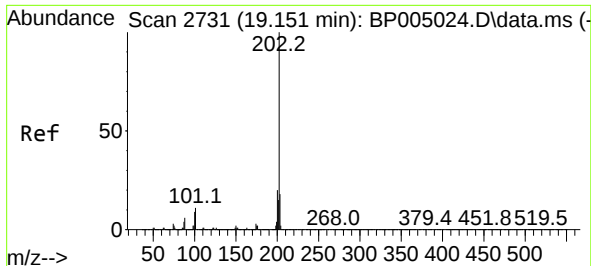
mohammad
4/5/2021 11:55:10 AM



#71
Phenanthrene
Concen: 3.88 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

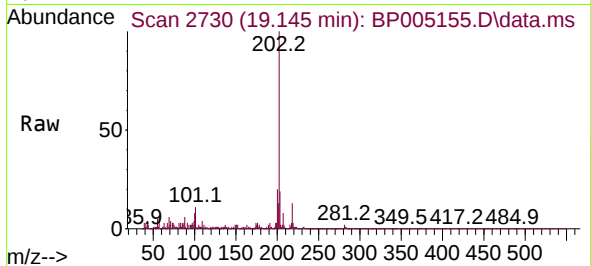
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	17.8	12.5	18.7





#75
Fluoranthene
Concen: 2.64 ng
RT: 19.145 min Scan# 2730
Delta R.T. -0.000 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

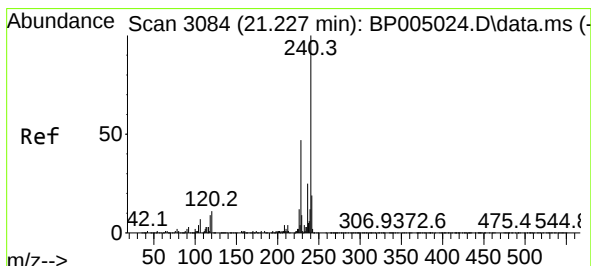
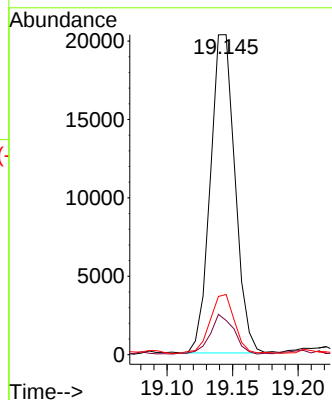
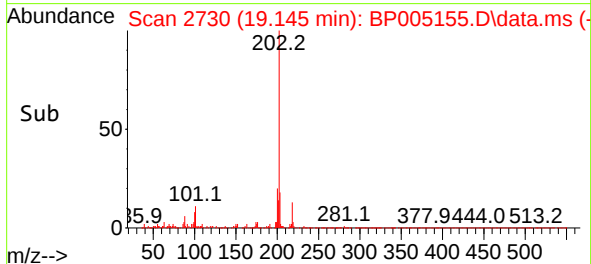
Instrument :
BNA_P
ClientSampled :
B4-8-10



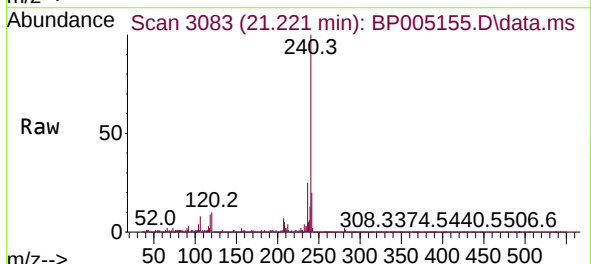
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	29.4
203	18.8	0.0	37.8

Manual Integrations
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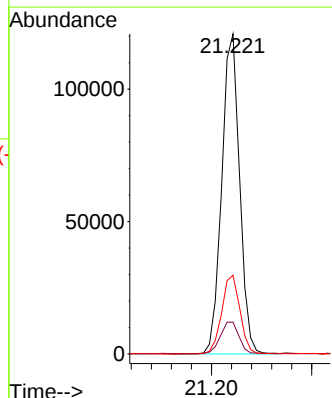
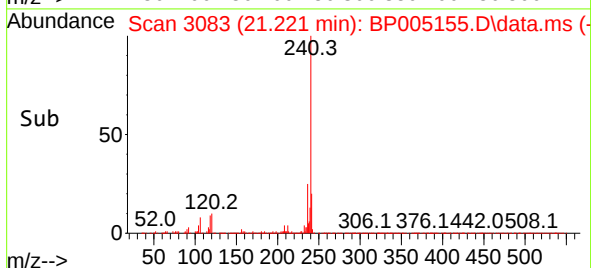
mohammad
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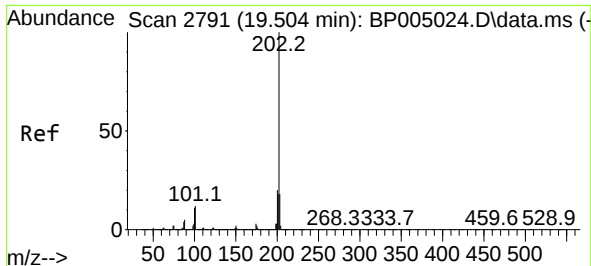


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.221 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48



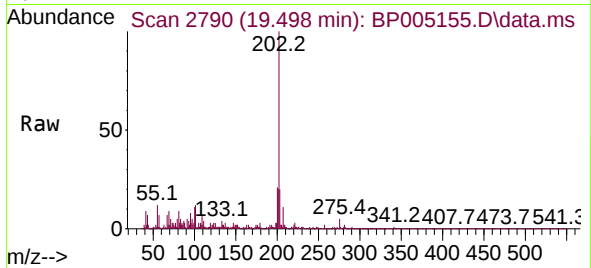
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.8	11.6
236	24.6	20.8	31.2





#78
Pyrene
Concen: 2.72 ng
RT: 19.498 min Scan# 2790
Delta R.T. -0.000 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48

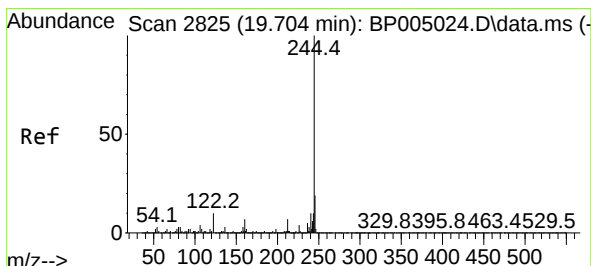
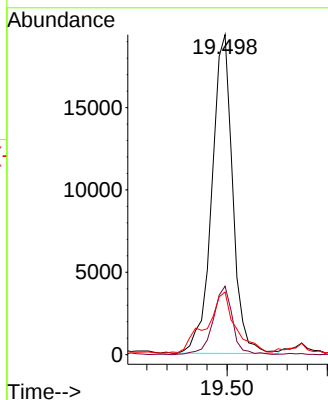
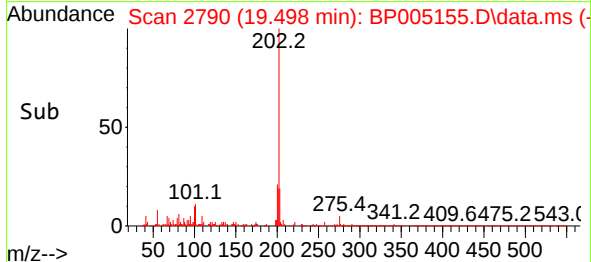
Instrument :
BNA_P
ClientSampleId :
B4-8-10



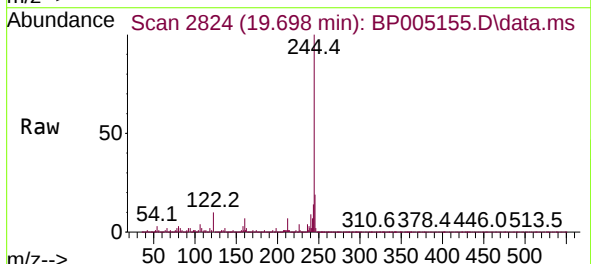
Tgt Ion:202 Resp: 27809
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 19.6 14.2 21.2

Manual Integrations
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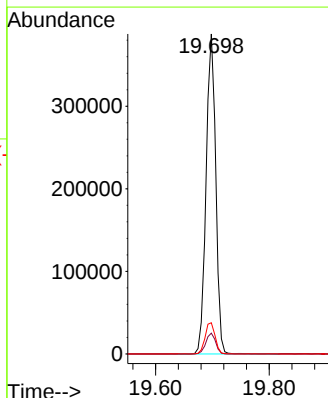
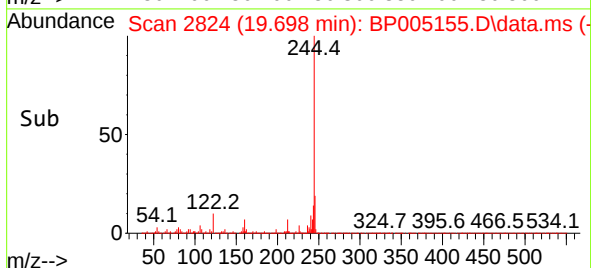
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4/5/2021 11:55:10 AM

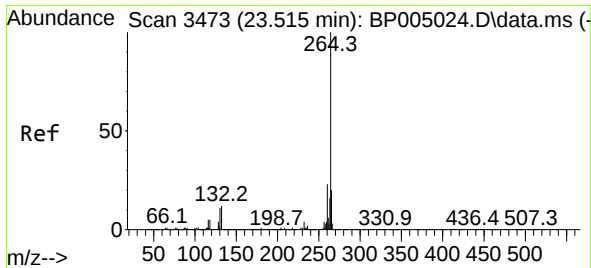


#79
Terphenyl-d14
Concen: 55.54 ng
RT: 19.698 min Scan# 2824
Delta R.T. -0.000 min
Lab File: BP005155.D
Acq: 02 Apr 2021 12:48



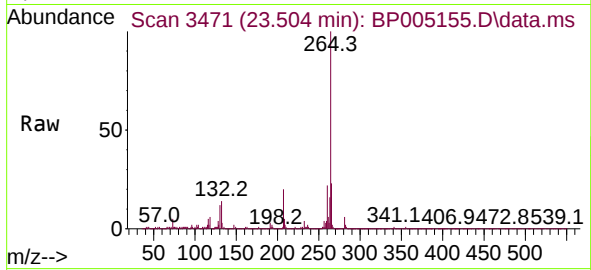
Tgt Ion:244 Resp: 454011
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.6
122 9.8 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.504 min Scan# 3471
 Delta R.T. -0.006 min
 Lab File: BP005155.D
 Acq: 02 Apr 2021 12:48

Instrument :
 BNA_P
 ClientSampleId :
 B4-8-10



Tgt Ion:	264	Resp:	156225
Ion Ratio	Lower	Upper	
264	100		
260	21.9	18.8	28.2
265	22.6	17.4	26.2

Manual Integrations
 APPROVED

mohammad
 4/5/2021 11:55:10 AM

