

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

Manual Integrations
 APPROVED

mohammad
 4/5/2021 11:55:15 AM

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
10) Phenol	6.910	94	7910	2.47	ng	63
31) Naphthalene	10.546	128	90143	12.36	ng	99
37) 2-Methylnaphthalene	12.163	142	41015	7.79	ng	96
38) 1-Methylnaphthalene	12.381	142	19646m	3.98	ng	
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
90) Benzo(a)pyrene	23.404	252	20185	2.02	ng	# 72

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

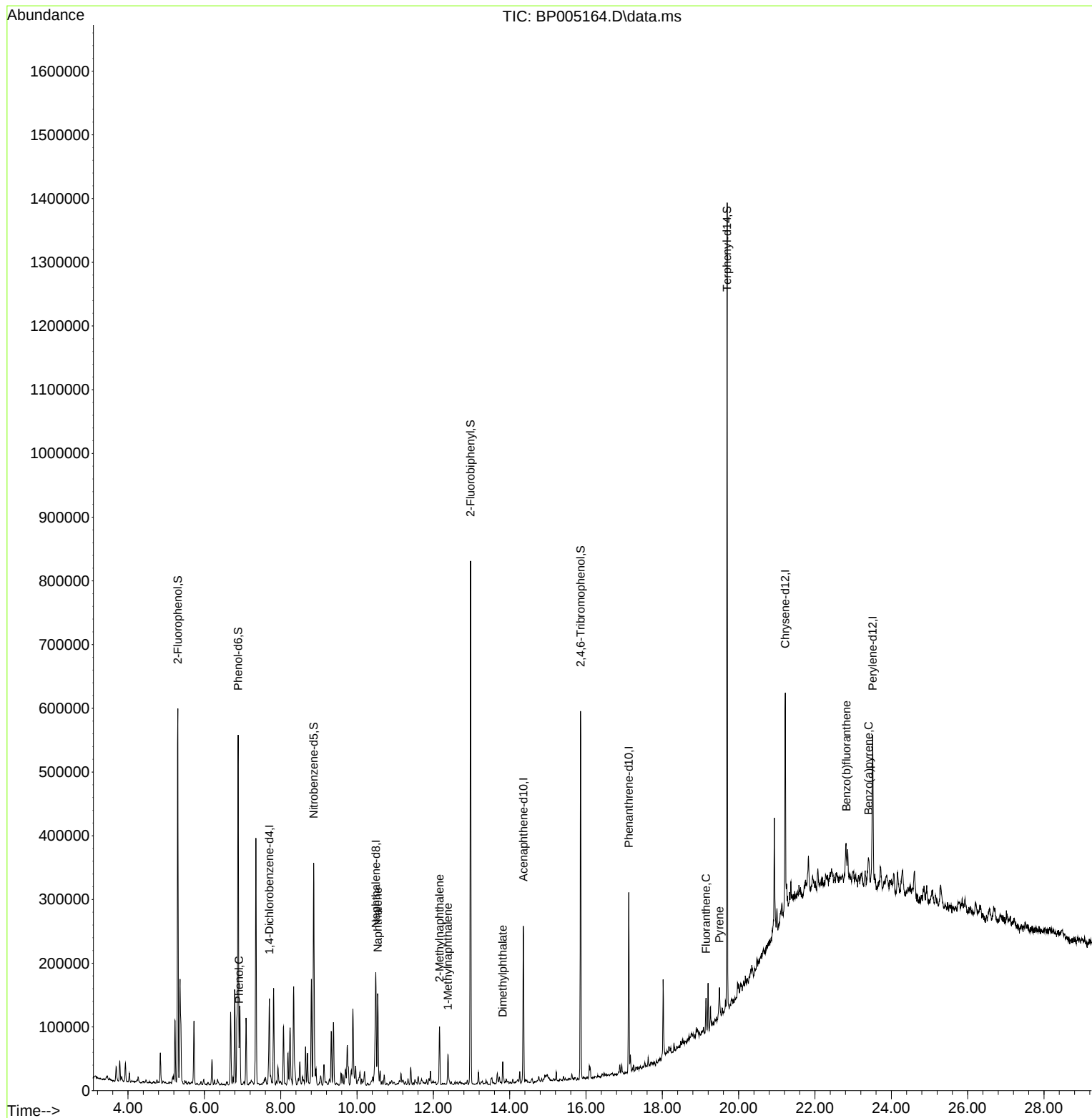
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
Data File : BP005164.D
Acq On : 02 Apr 2021 17:53
Operator : CG/JU
Sample : M1836-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

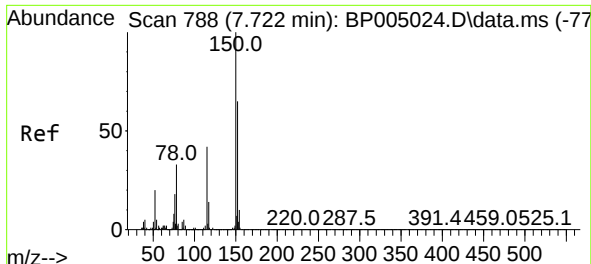
Instrument :
BNA_P
ClientSampleId :
B5-0-2

Manual Integrations
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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





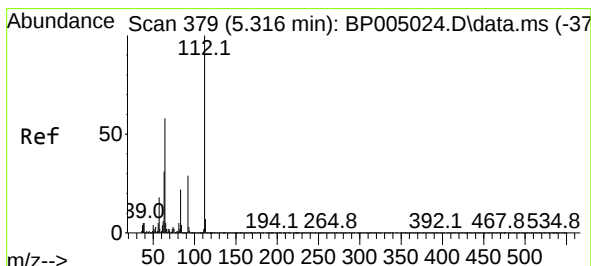
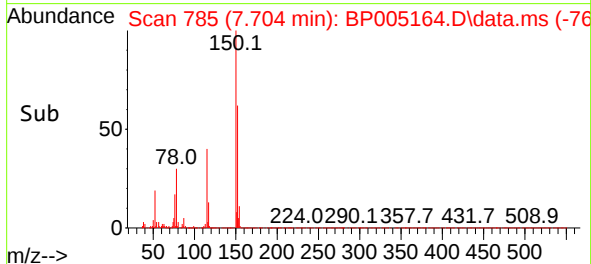
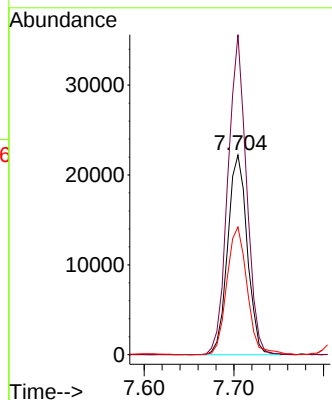
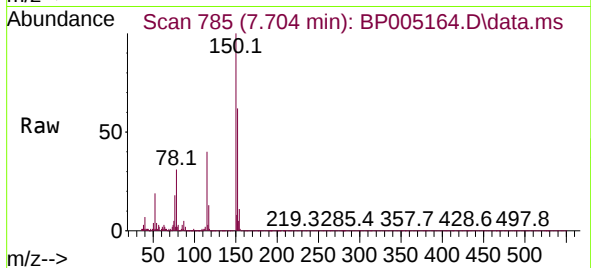
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.704 min Scan# 785
Delta R.T. -0.001 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

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

Instrument :
BNA_P
ClientSampleId :
B5-0-2

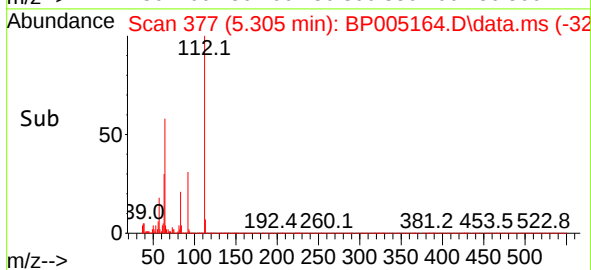
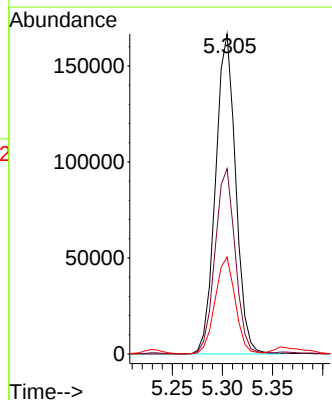
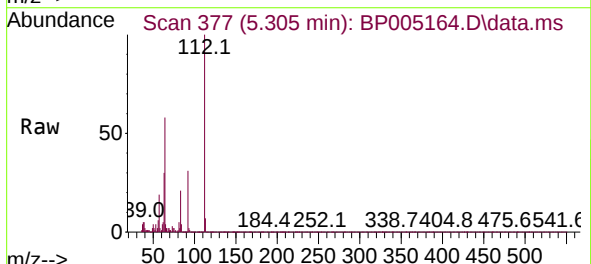
Manual Integrations
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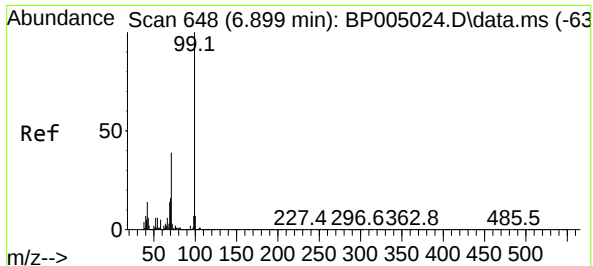
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#5
2-Fluorophenol
Concen: 106.40 ng
RT: 5.305 min Scan# 377
Delta R.T. -0.000 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

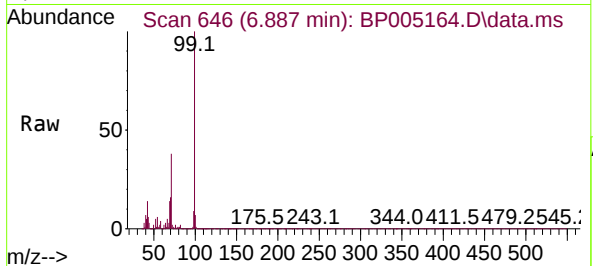
Tgt Ion:112 Resp: 232553
Ion Ratio Lower Upper
112 100
64 57.9 32.8 49.2#
63 30.3 17.0 25.4#





#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

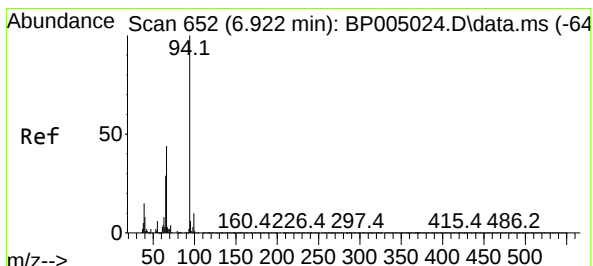
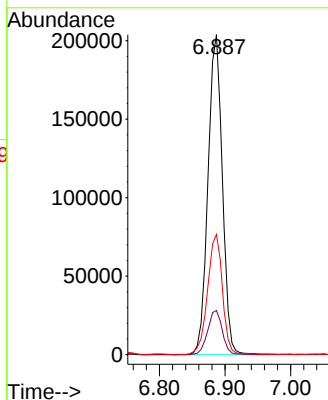
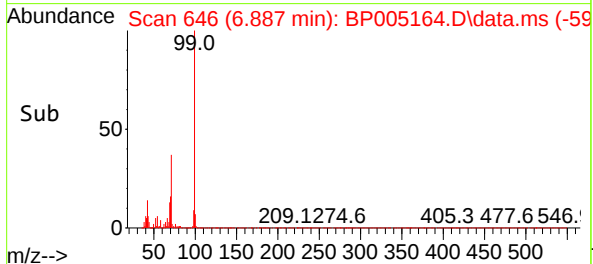
Instrument :
BNA_P
ClientSampleId :
B5-0-2



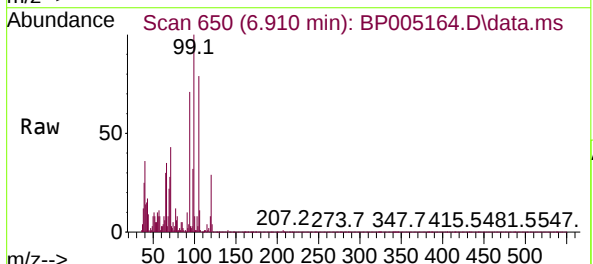
Tgt Ion: 99 Resp: 310840
Ion Ratio Lower Upper
99 100
42 13.8 8.6 13.0#
71 37.6 23.4 35.2#

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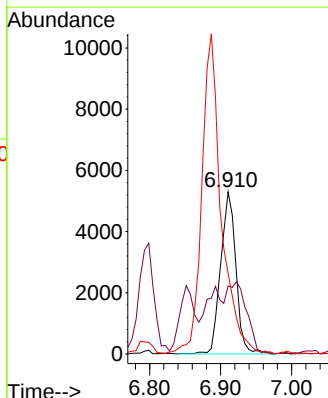
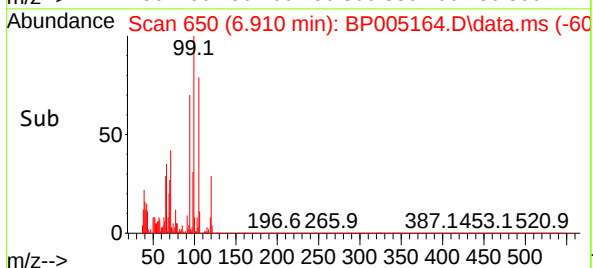
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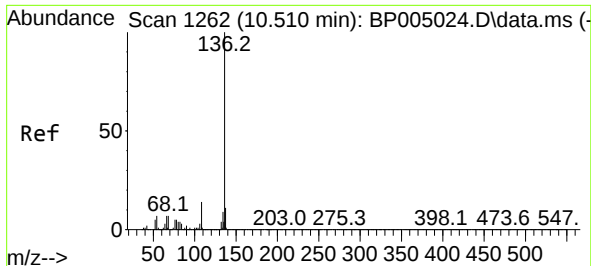


#10
Phenol
Concen: 2.47 ng
RT: 6.910 min Scan# 650
Delta R.T. -0.006 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53



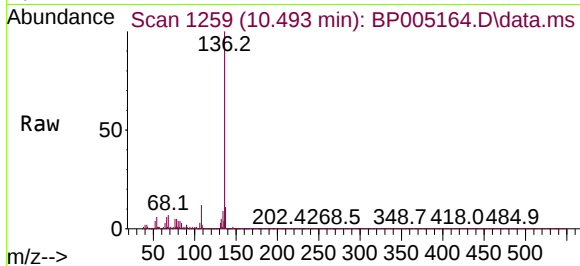
Tgt Ion: 94 Resp: 7910
Ion Ratio Lower Upper
94 100
65 41.9 2.3 42.3
66 49.8 10.9 50.9





#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

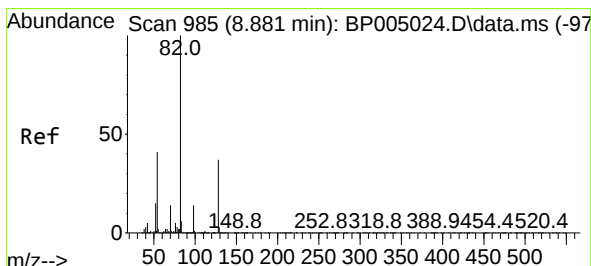
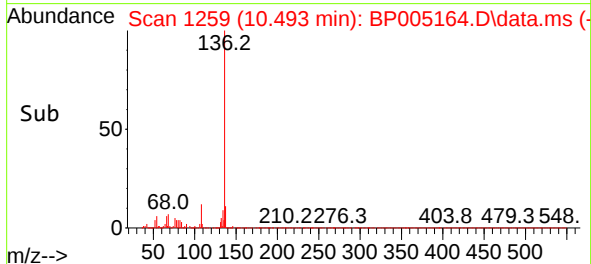
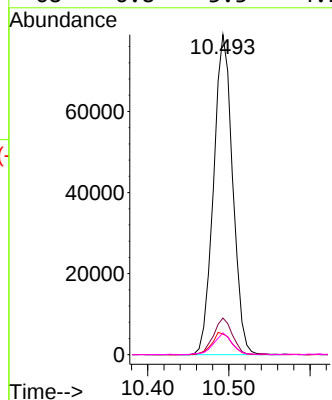
Instrument :
BNA_P
ClientSampled :
B5-0-2



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#

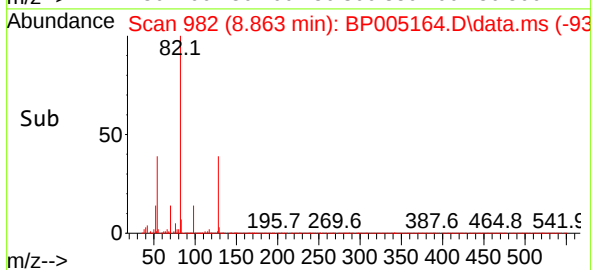
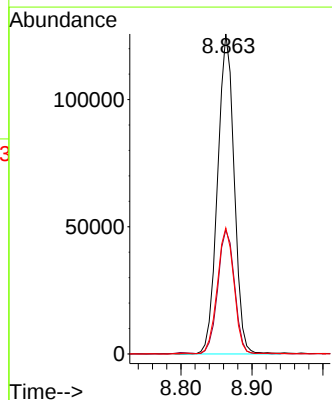
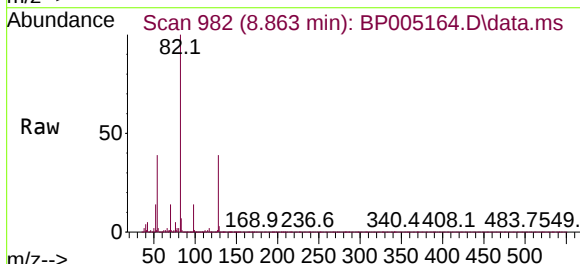
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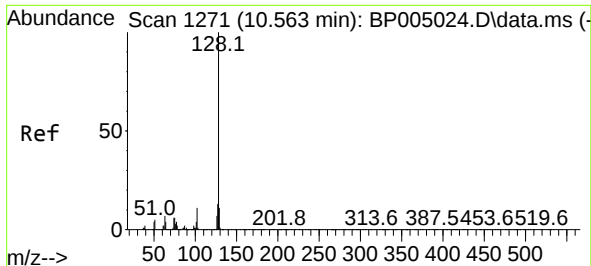
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#23
Nitrobenzene-d5
Concen: 67.65 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

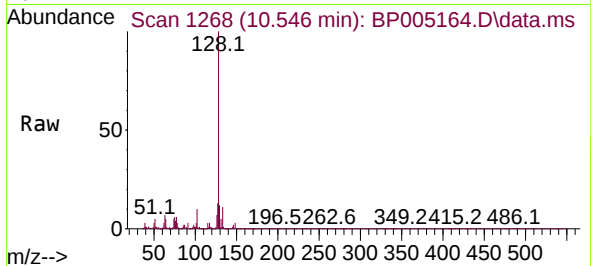
Tgt Ion: 82 Resp: 203513
Ion Ratio Lower Upper
82 100
128 38.8 45.6 68.4#
54 39.4 30.1 45.1





#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

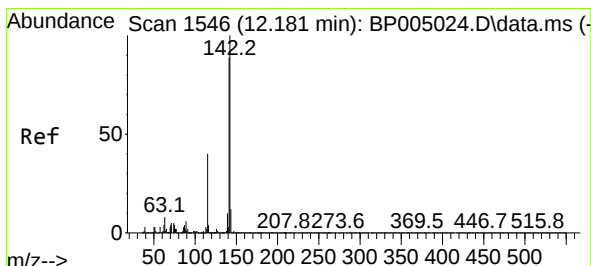
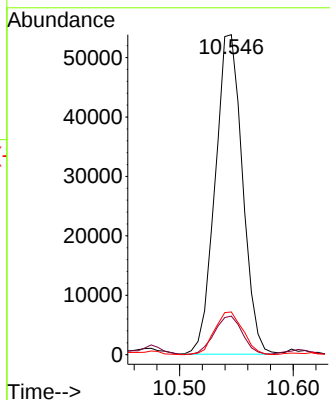
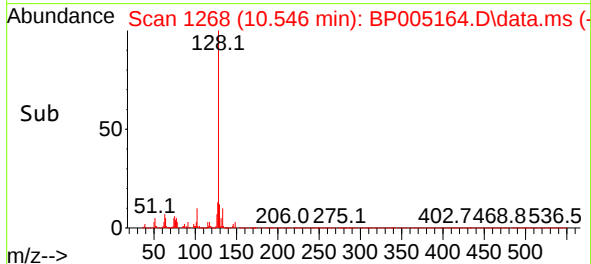
Instrument :
BNA_P
ClientSampled :
B5-0-2



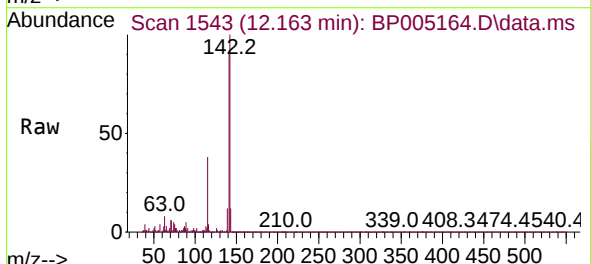
Tgt Ion:128 Resp: 90143
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 13.4 10.6 15.8

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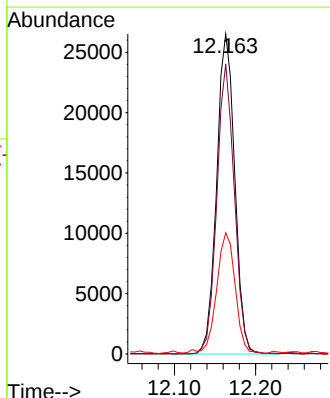
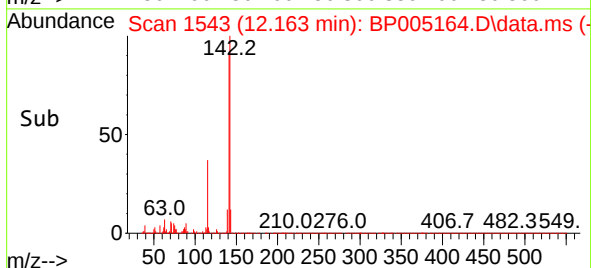
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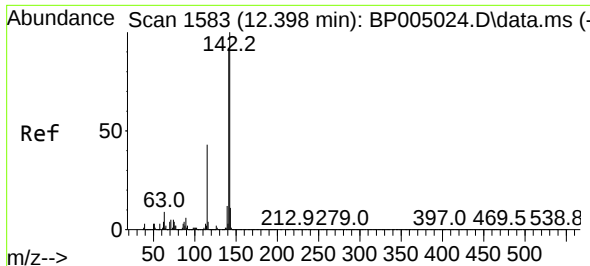


#37
2-Methylnaphthalene
Concen: 7.79 ng
RT: 12.163 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53



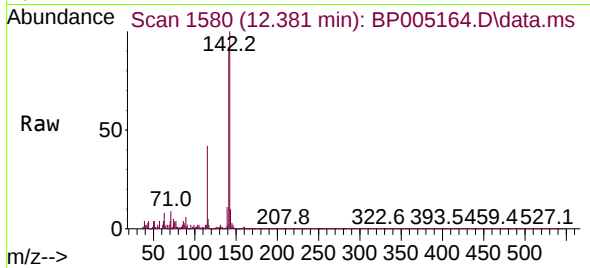
Tgt Ion:142 Resp: 41015
Ion Ratio Lower Upper
142 100
141 90.6 71.4 107.2
115 37.8 25.8 38.6





#38
1-Methylnaphthalene
Concen: 3.98 ng m
RT: 12.381 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

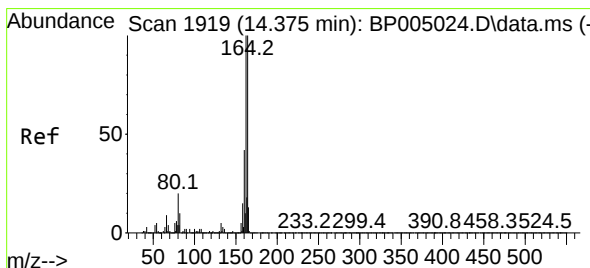
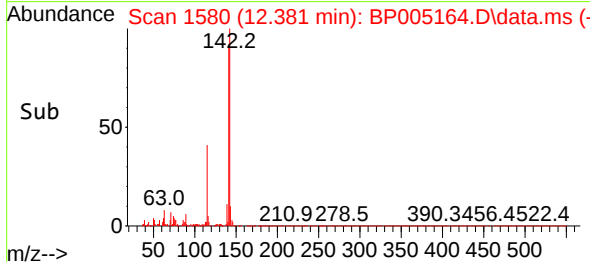
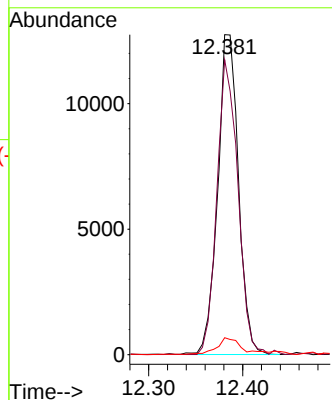
Instrument :
BNA_P
ClientSampleId :
B5-0-2



Tgt Ion:142 Resp: 19646
Ion Ratio Lower Upper
142 100
141 92.1 74.4 111.6
116 5.3 2.9 4.3#

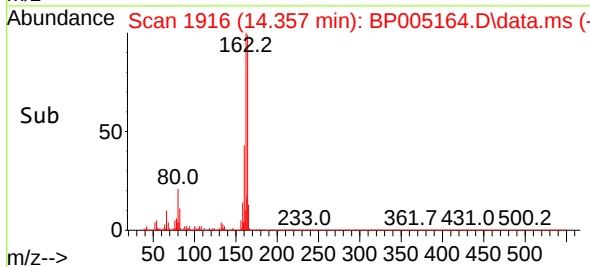
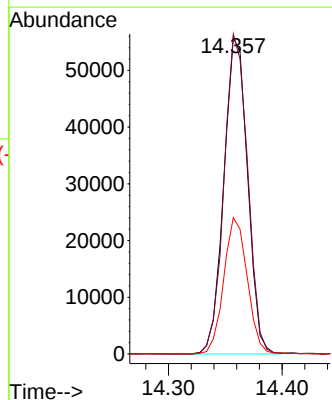
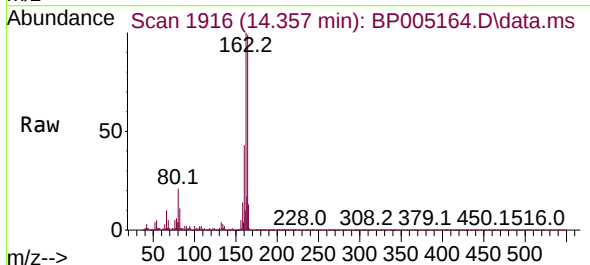
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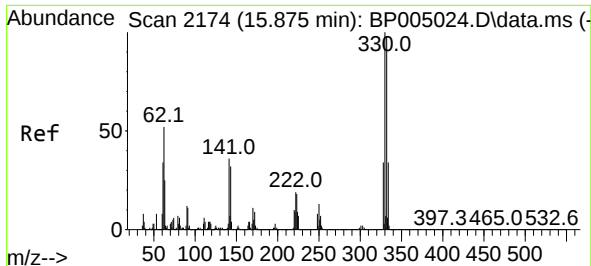
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

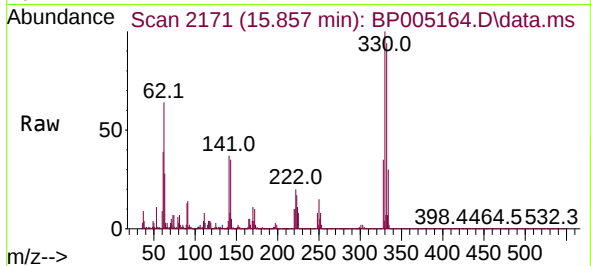
Tgt Ion:164 Resp: 80863
Ion Ratio Lower Upper
164 100
162 101.2 79.4 119.2
160 43.1 36.1 54.1





#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

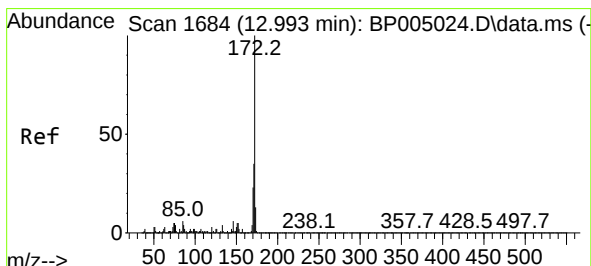
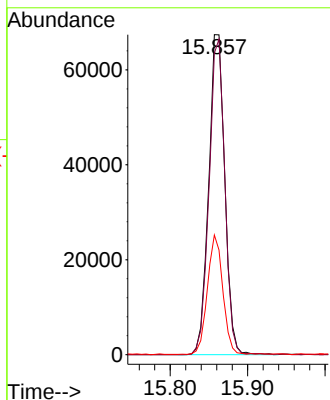
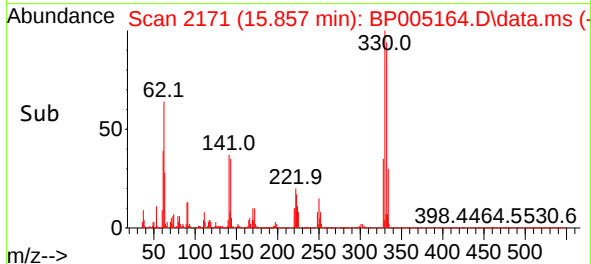
Instrument :
BNA_P
ClientSampled :
B5-0-2



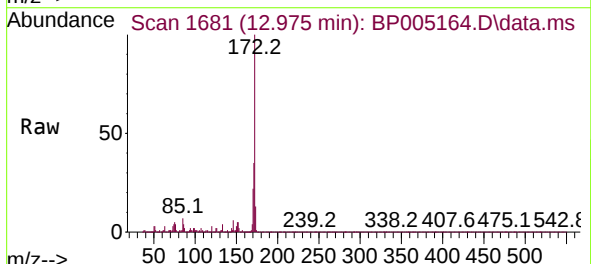
Tgt Ion:330 Resp: 97500
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 35.5 23.4 35.2#

Manual Integrations
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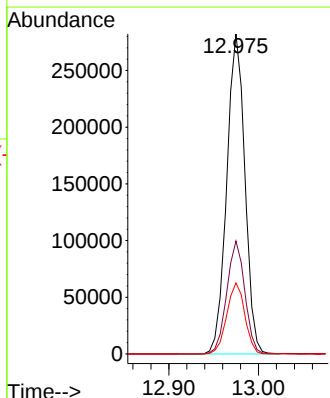
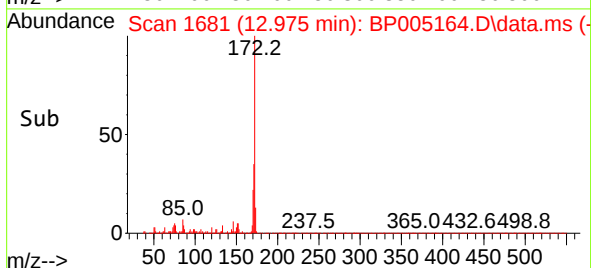
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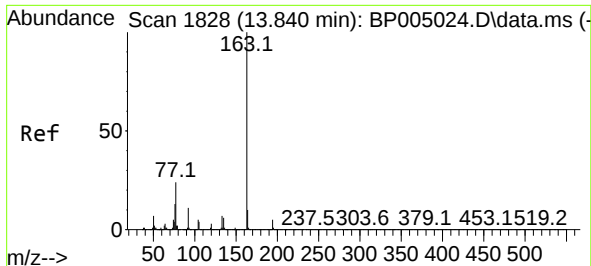


#45
2-Fluorobiphenyl
Concen: 66.28 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53



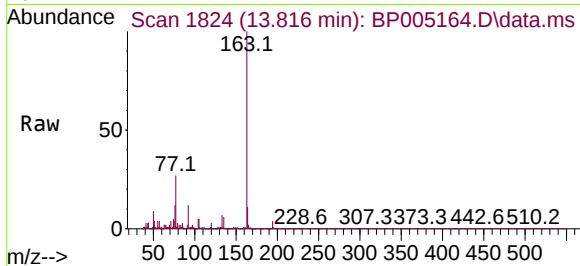
Tgt Ion:172 Resp: 396199
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 22.2 19.2 28.8





#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

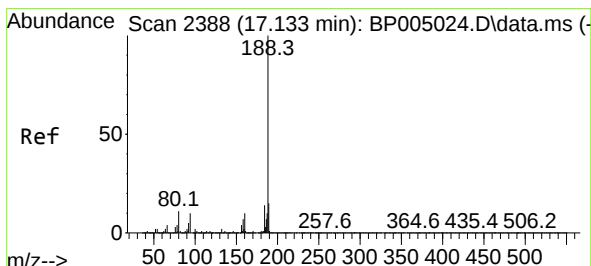
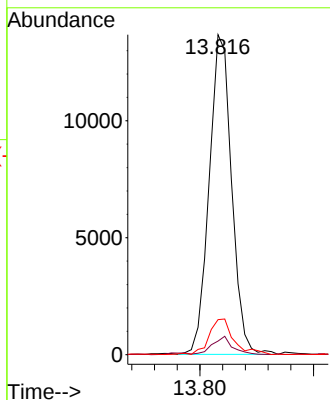
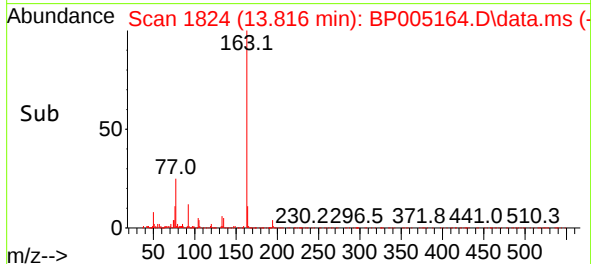
Instrument :
BNA_P
ClientSampleId :
B5-0-2



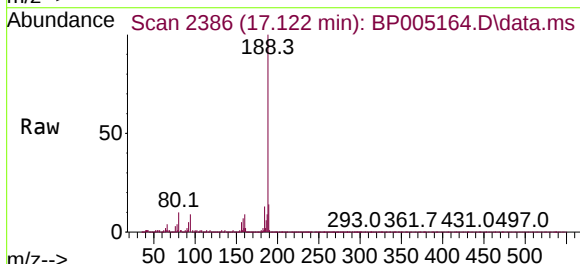
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Ion Ratio Lower Upper
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194 4.2 3.3 4.9
164 11.0 8.2 12.2

Manual Integrations
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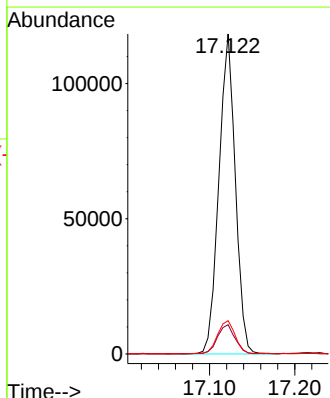
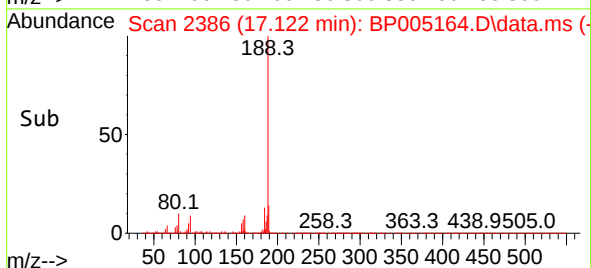
mohammad
4/5/2021 11:55:15 AM

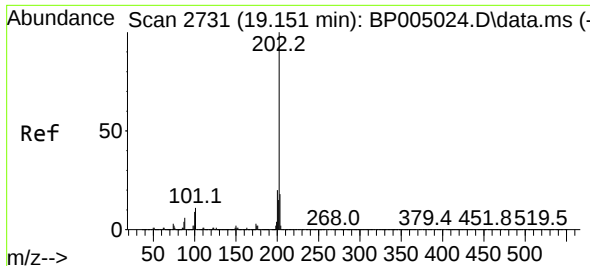


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.122 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53



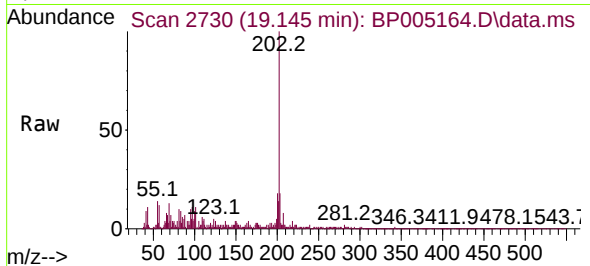
Tgt Ion:188 Resp: 158697
Ion Ratio Lower Upper
188 100
94 9.1 6.2 9.2
80 10.4 6.2 9.2#





#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

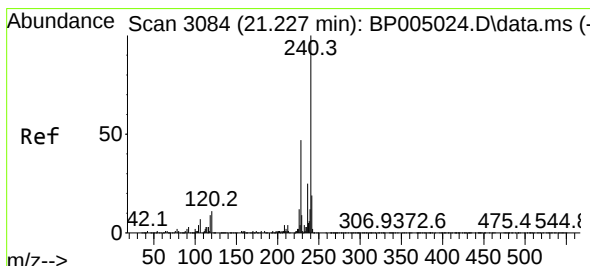
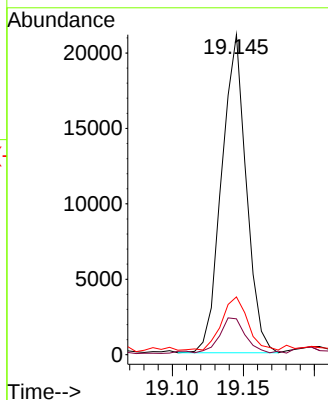
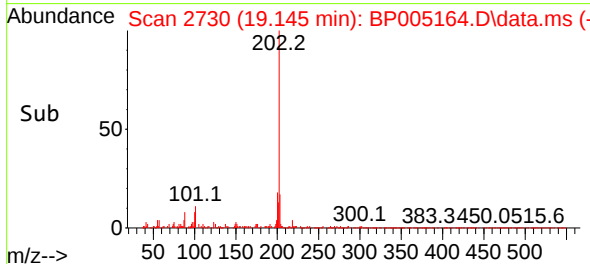
Instrument :
BNA_P
ClientSampled :
B5-0-2



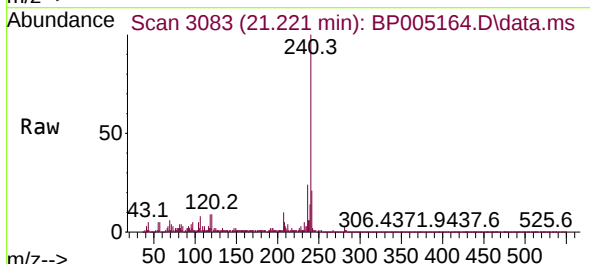
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	29.4
203	18.0	0.0	37.8

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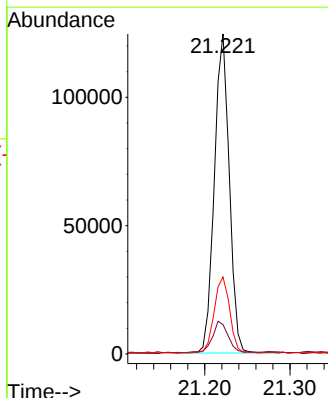
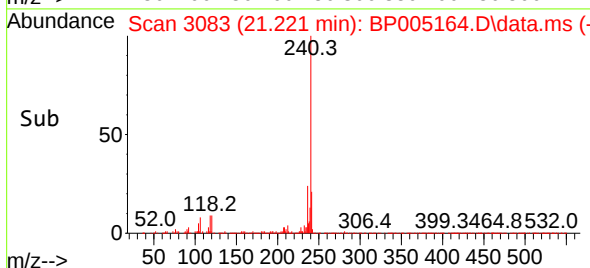
mohammad
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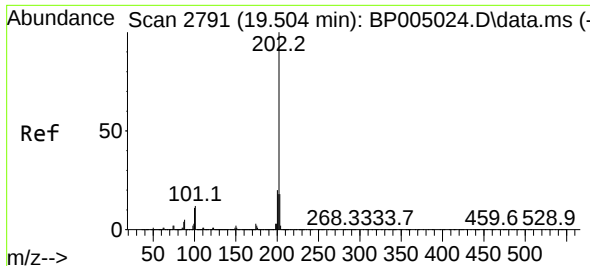


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.221 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53



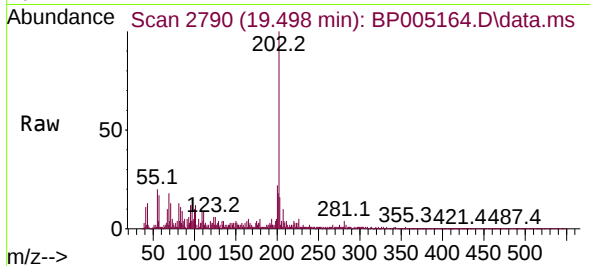
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.8	11.6
236	24.1	20.8	31.2





#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

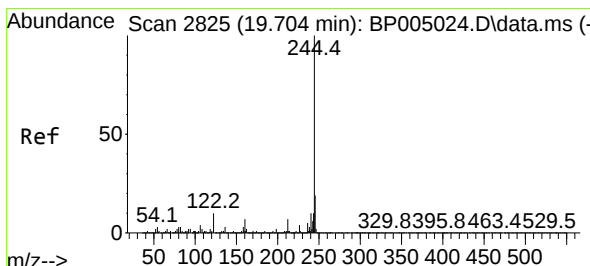
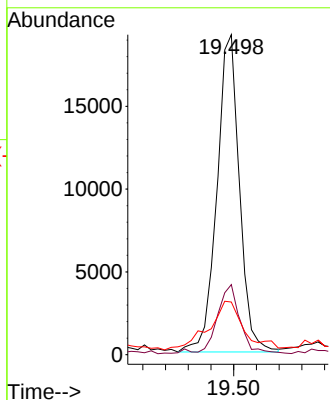
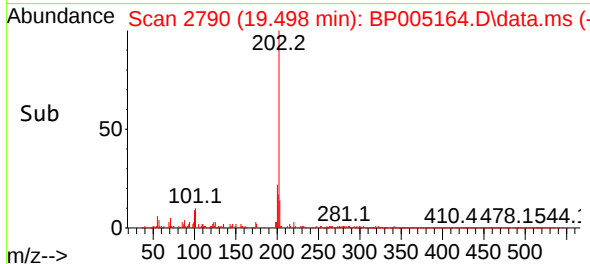
Instrument :
BNA_P
ClientSampled :
B5-0-2



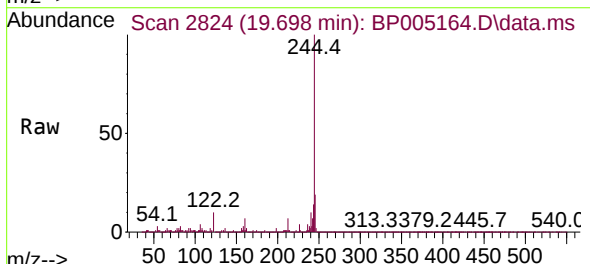
Tgt Ion:202 Resp: 26483
Ion Ratio Lower Upper
202 100
200 21.9 17.1 25.7
203 16.4 14.2 21.2

Manual Integrations
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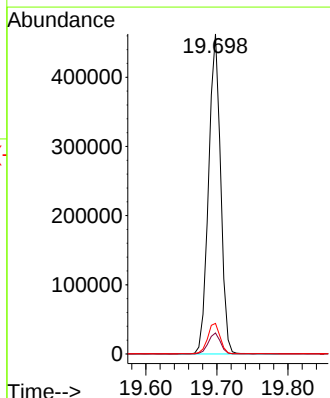
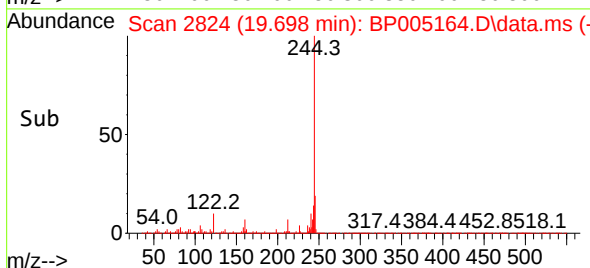
mohammad
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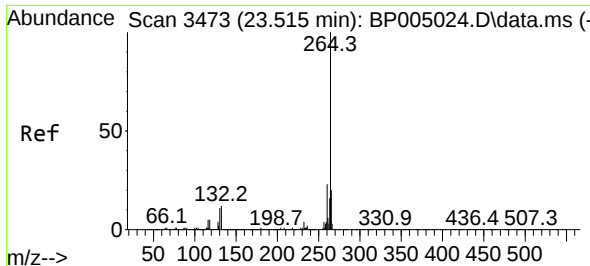


#79
Terphenyl-d14
Concen: 65.52 ng
RT: 19.698 min Scan# 2824
Delta R.T. -0.000 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53

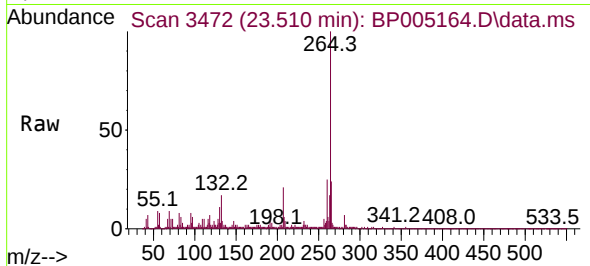


Tgt Ion:244 Resp: 544621
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 9.6 7.8 11.8

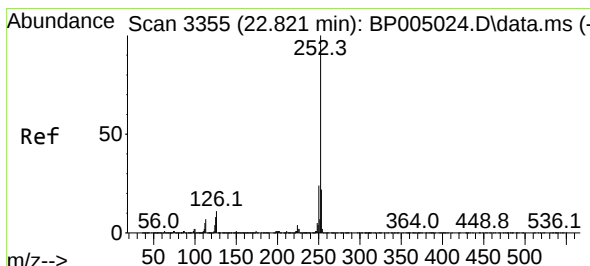
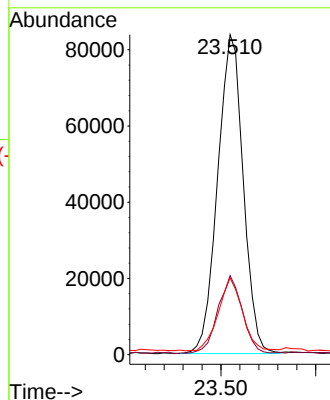
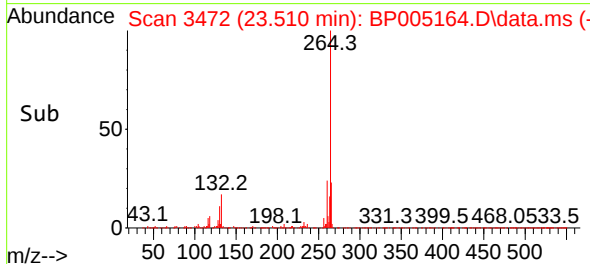




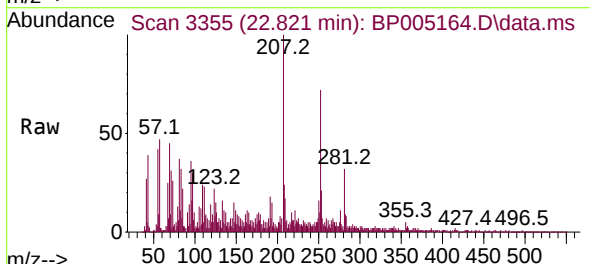
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.510 min Scan# 3472
Delta R.T. -0.000 min
Lab File: BP005164.D
Acq: 02 Apr 2021 17:53



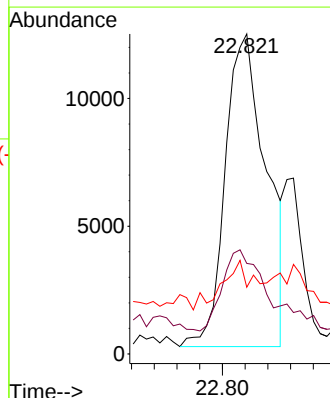
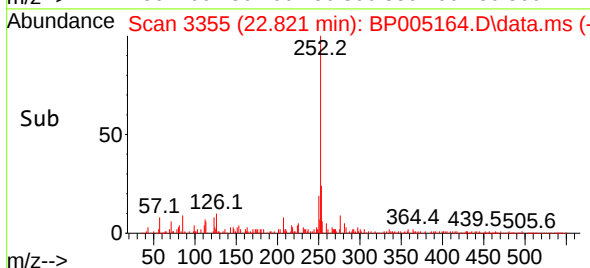
Tgt Ion: 264 Resp: 156936
Ion Ratio Lower Upper
264 100
260 24.7 18.8 28.2
265 24.0 17.4 26.2



#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



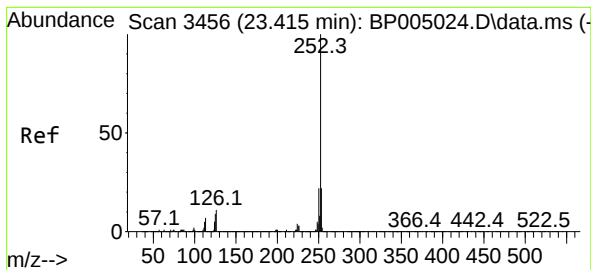
Tgt Ion: 252 Resp: 30643
Ion Ratio Lower Upper
252 100
253 28.3 17.6 26.4#
125 20.9 7.3 10.9#



Instrument :
BNA_P
ClientSampled :
B5-0-2

Manual Integrations
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#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

Manual Integrations
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mohammad
4/5/2021 11:55:15 AM

