

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041221\
 Data File : BP005276.D
 Acq On : 12 Apr 2021 20:49
 Operator : CG/JU
 Sample : M1967-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB1-A

Manual Integrations
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4/14/2021 11:49:38 AM

Quant Time: Apr 13 00:27:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 09 18:44:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	33962	20.00	ng	# 0.00
21) Naphthalene-d8	10.469	136	121175	20.00	ng	# 0.00
39) Acenaphthene-d10	14.340	164	76345	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	173078	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	188264	20.00	ng	0.00
86) Perylene-d12	23.486	264	185961	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	275931	85.27	ng	0.00
7) Phenol-d6	6.863	99	350124	94.82	ng	0.00
23) Nitrobenzene-d5	8.840	82	240859	62.68	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	45688	47.41	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	363509	64.28	ng	0.00
79) Terphenyl-d14	19.686	244	597493	62.35	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.887	94	13700	3.62	ng	# 55
31) Naphthalene	10.516	128	21944	3.31	ng	# 95
37) 2-Methylnaphthalene	12.140	142	15867	3.53	ng	# 82
38) 1-Methylnaphthalene	12.357	142	13409	3.15	ng	# 92
49) Acenaphthylene	14.057	152	15427	2.18	ng	# 71
50) Dimethylphthalate	13.798	163	16938	3.02	ng	# 97
52) Acenaphthene	14.404	154	9173	2.12	ng	94
71) Phenanthrene	17.145	178	96295	9.84	ng	# 96
72) Anthracene	17.239	178	51219	5.40	ng	# 89
75) Fluoranthene	19.133	202	152090	12.67	ng	96
78) Pyrene	19.486	202	193604	16.55	ng	96
81) Benzo(a)anthracene	21.192	228	74636	6.01	ng	# 86
83) Chrysene	21.245	228	88603	7.33	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.116	149	298758	43.49	ng	99
88) Benzo(b)fluoranthene	22.798	252	80628	6.62	ng	# 82
89) Benzo(k)fluoranthene	22.833	252	28813m	2.47	ng	
90) Benzo(a)pyrene	23.380	252	61986	5.50	ng	# 83
92) Benzo(g,h,i)perylene	26.521	276	39640	3.31	ng	94

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

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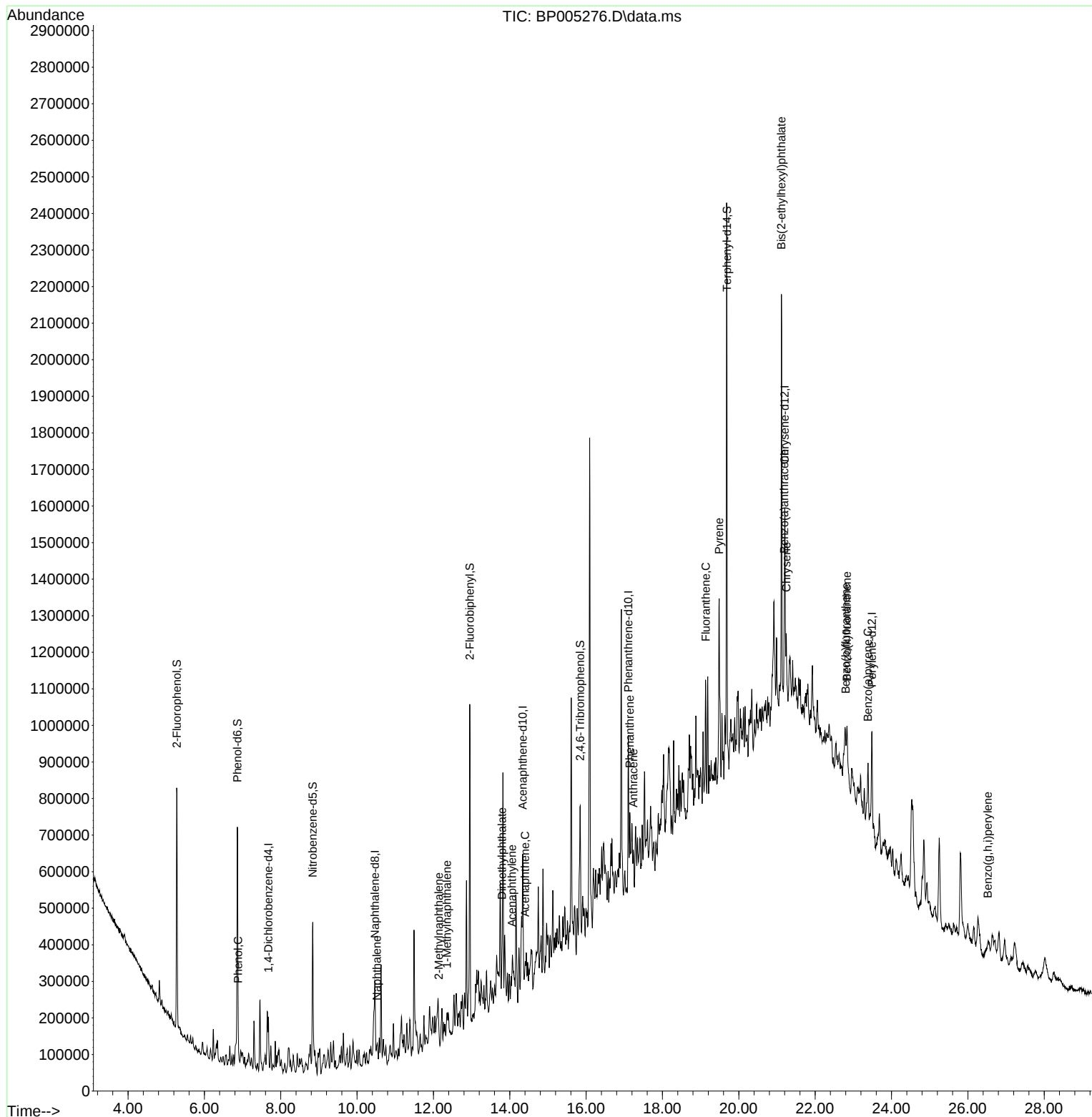
Instrument :
BNA_P
ClientSampled :
SB1-A

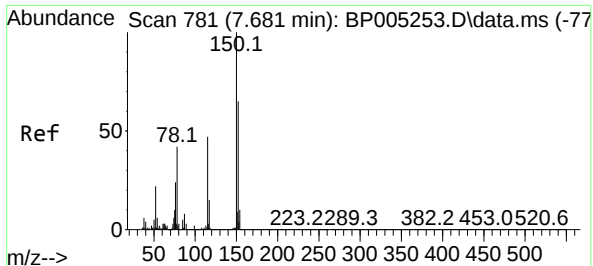
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QLast Update : Fri Apr 09 18:44:11 2021
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#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

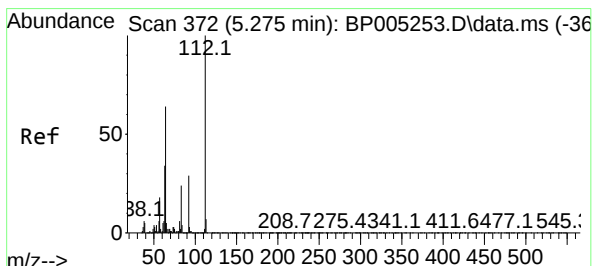
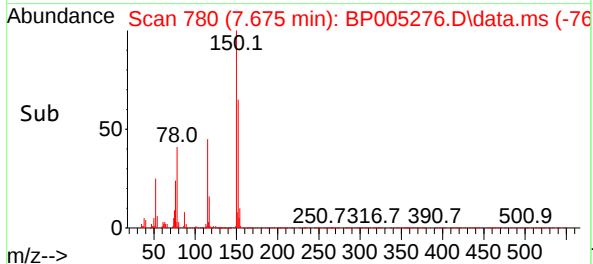
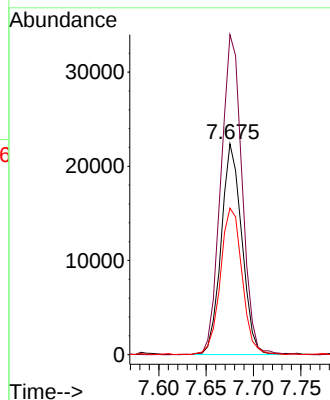
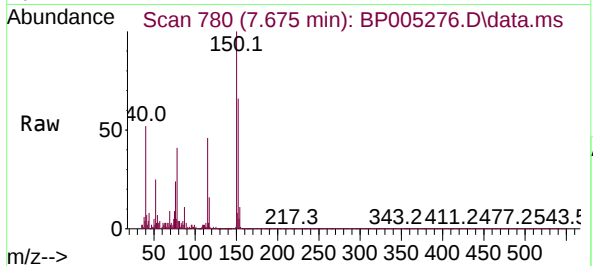
Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.8	123.8	185.6
115	69.5	43.8	65.6

Instrument :
BNA_P
ClientSampleId :
SB1-A

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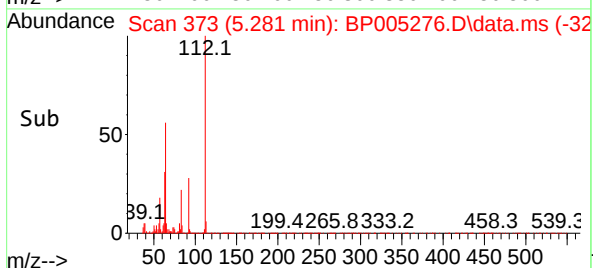
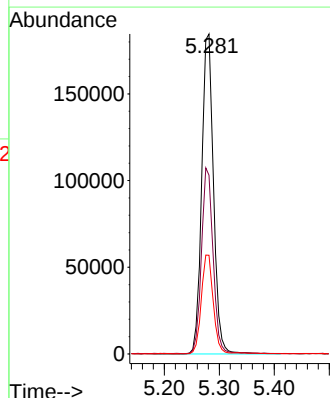
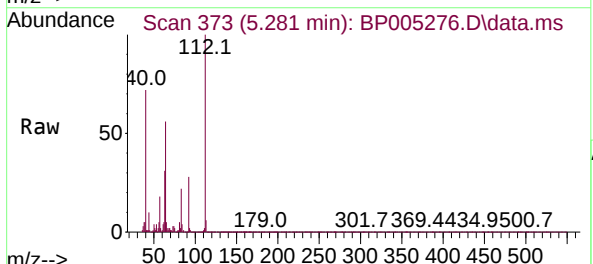
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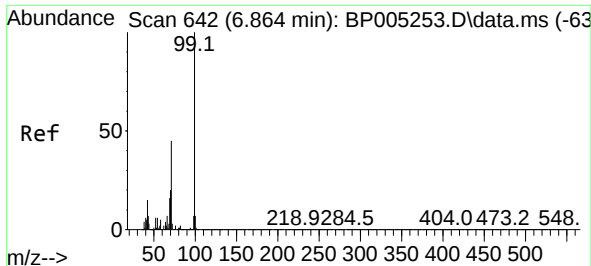
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#5
2-Fluorophenol
Concen: 85.27 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.006 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

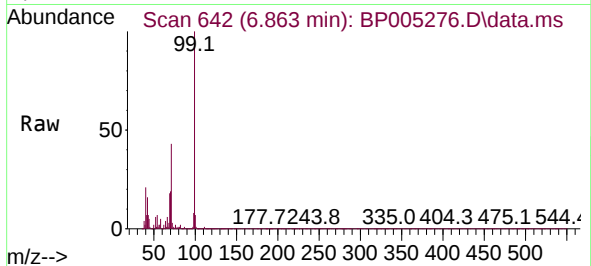
Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	32.8	49.2
63	30.9	17.0	25.4





#7
Phenol-d6
Concen: 94.82 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.000 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

Instrument :
BNA_P
ClientSampleId :
SB1-A

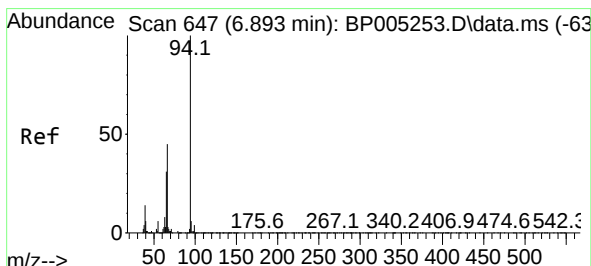
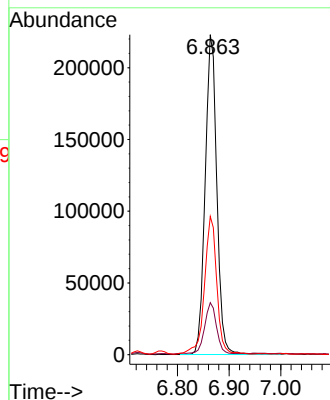


Tgt Ion: 99 Resp: 350124
Ion Ratio Lower Upper
99 100
42 16.3 8.6 13.0#
71 43.2 23.4 35.2#

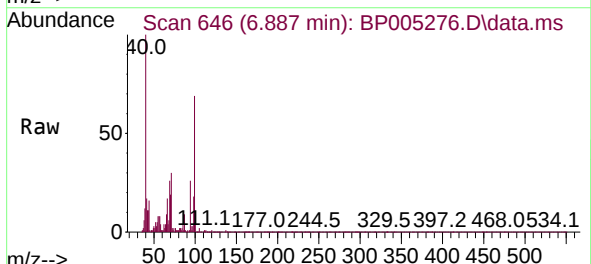
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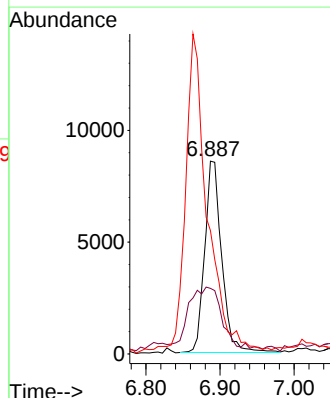
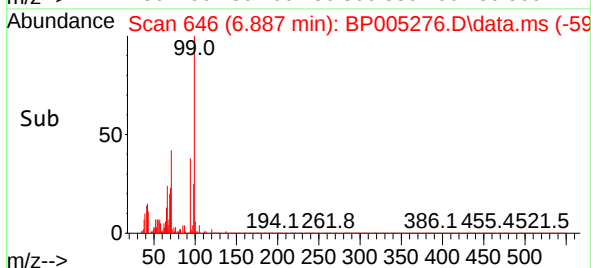
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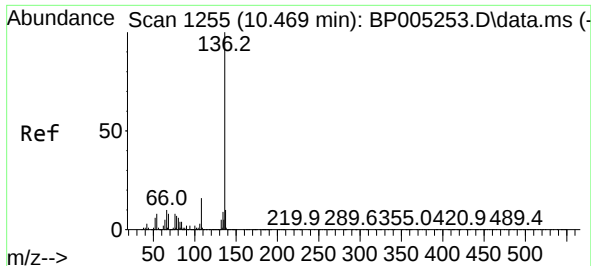


#10
Phenol
Concen: 3.62 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49



Tgt Ion: 94 Resp: 13700
Ion Ratio Lower Upper
94 100
65 34.0 2.3 42.3
66 64.0 10.9 50.9#





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

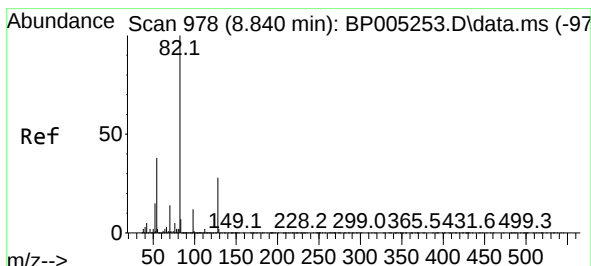
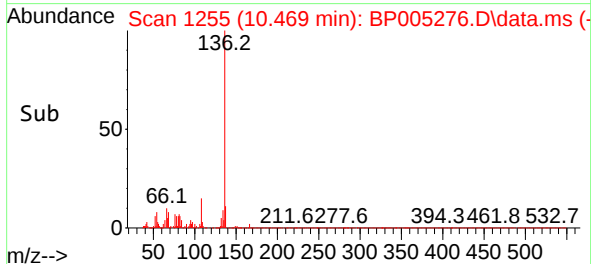
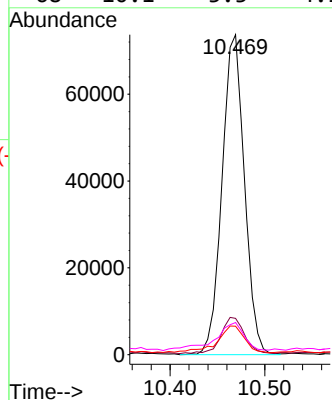
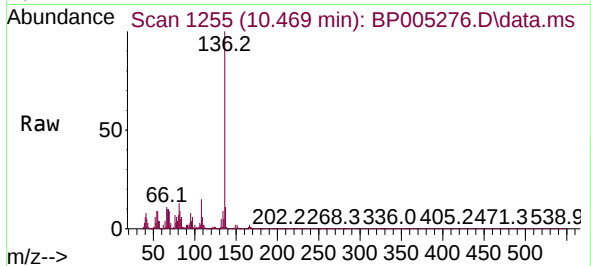
Tgt Ion:	136	Resp:	121175
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	8.9	3.6	5.4#
68	10.1	3.3	4.9#

Instrument :
BNA_P
ClientSampleId :
SB1-A

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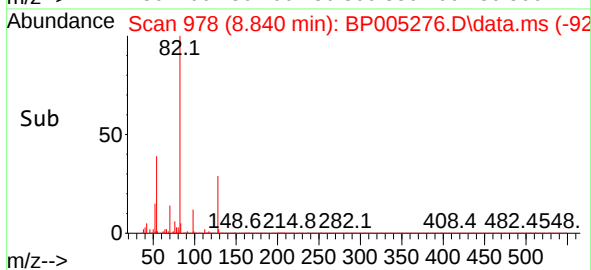
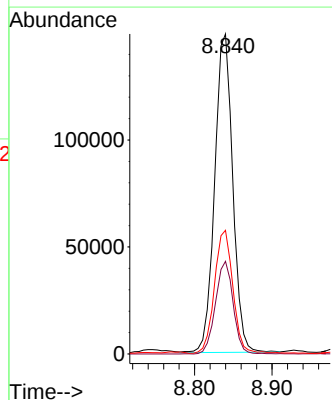
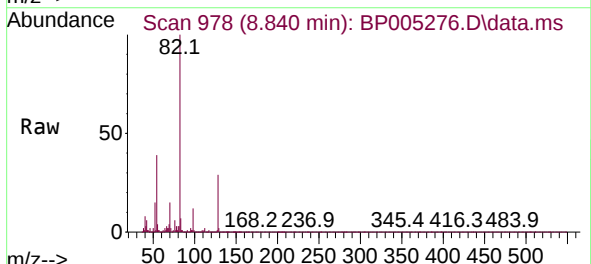
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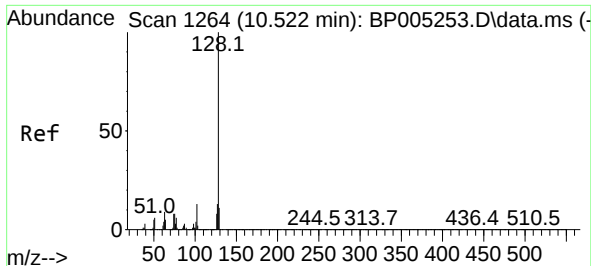
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#23
Nitrobenzene-d5
Concen: 62.68 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

Tgt Ion:	82	Resp:	240859
Ion Ratio	Lower	Upper	
82	100		
128	28.9	45.6	68.4#
54	38.7	30.1	45.1





#31
Naphthalene
Concen: 3.31 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

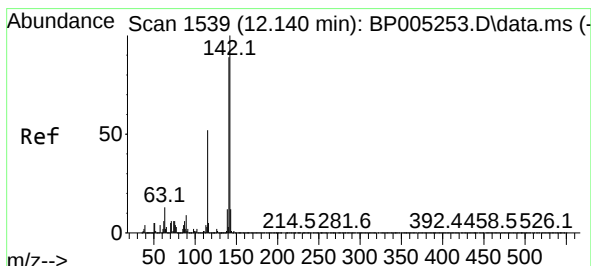
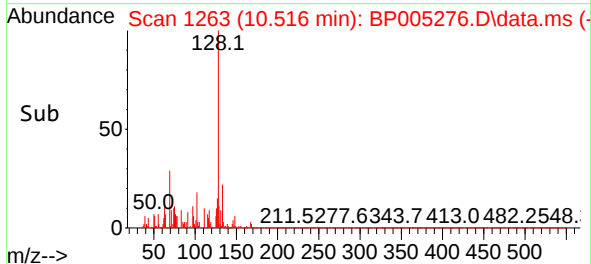
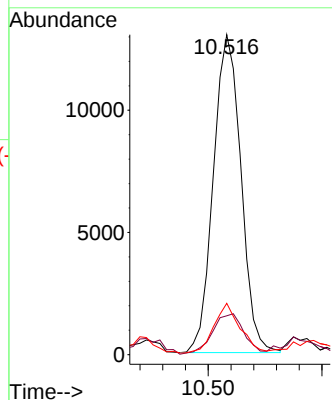
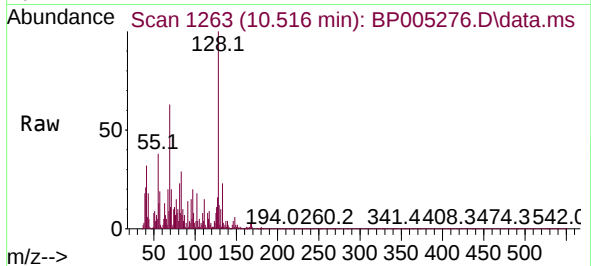
Tgt Ion:	128	Resp:	21944
Ion Ratio	Lower	Upper	
128	100		
129	12.1	8.8	13.2
127	16.1	10.6	15.8#

Instrument :
BNA_P
ClientSampleId :
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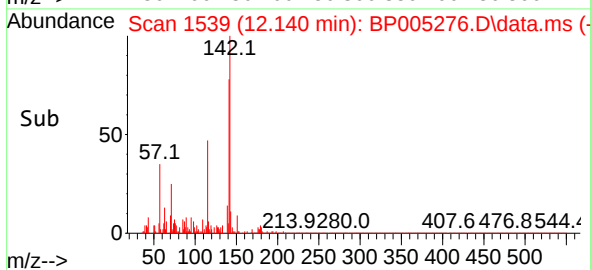
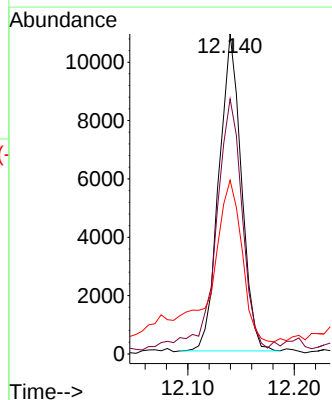
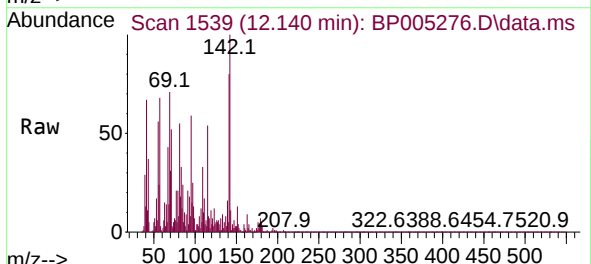
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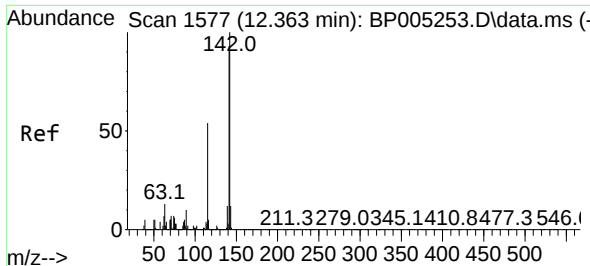
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#37
2-Methylnaphthalene
Concen: 3.53 ng
RT: 12.140 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

Tgt Ion:	142	Resp:	15867
Ion Ratio	Lower	Upper	
142	100		
141	79.7	71.4	107.2
115	54.3	25.8	38.6#





#38
1-Methylnaphthalene
Concen: 3.15 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

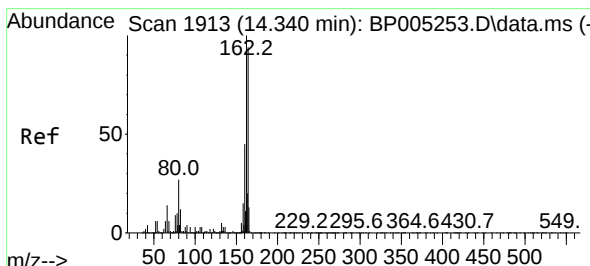
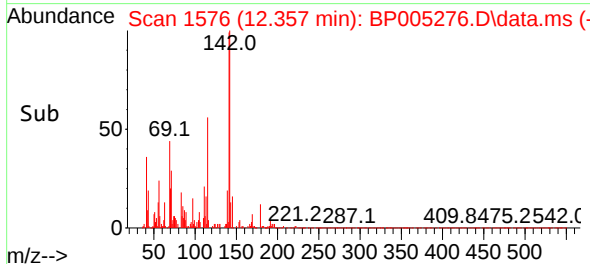
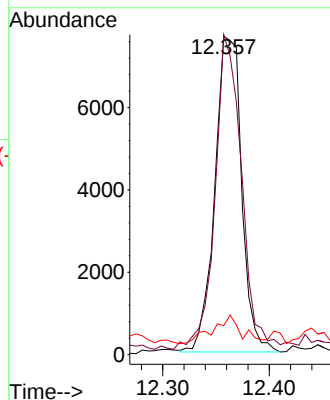
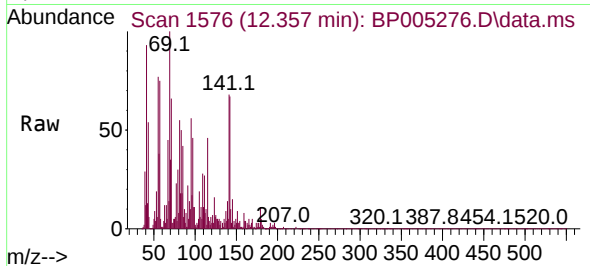
Instrument :
BNA_P
ClientSampleId :
SB1-A

Tgt Ion	Ratio	Lower	Upper
142	100		
141	100.5	74.4	111.6
116	9.1	2.9	4.3#

Manual Integrations
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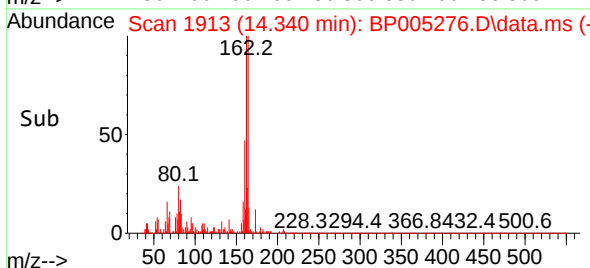
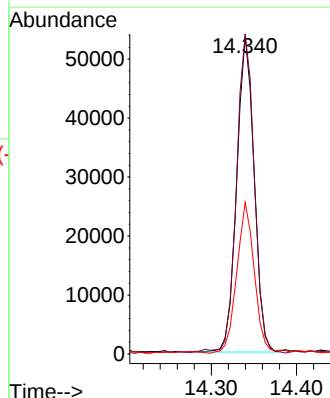
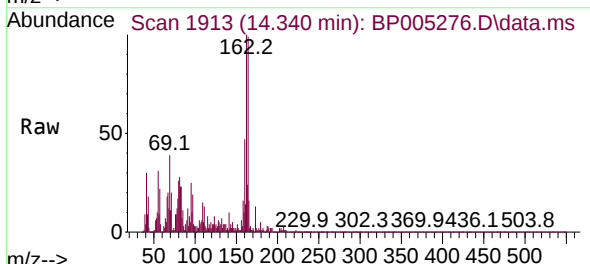
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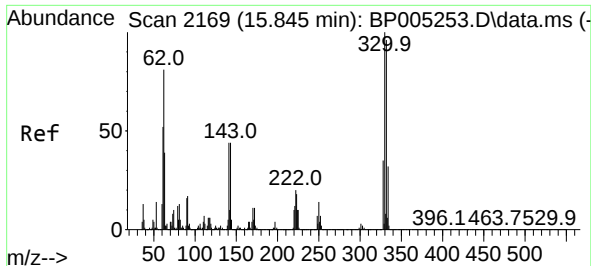
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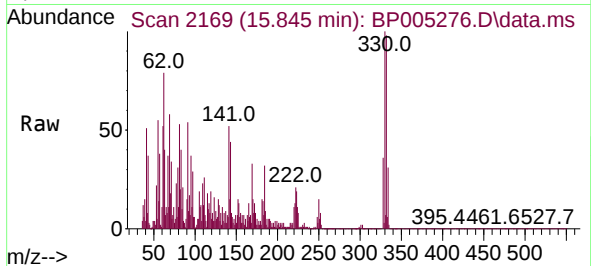
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005276.D
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Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.4	119.2
160	47.7	36.1	54.1

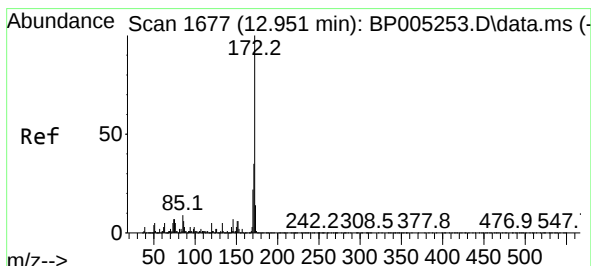
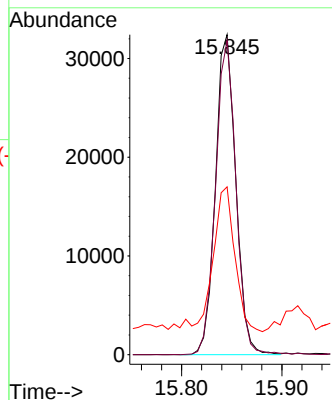
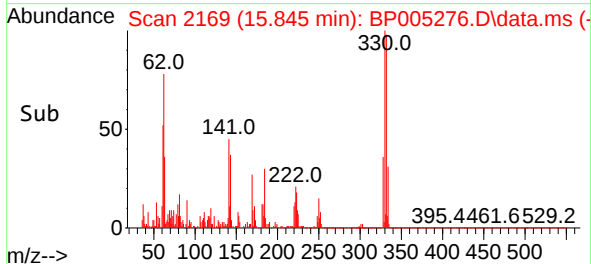




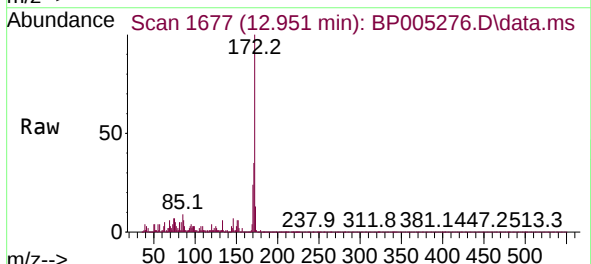
#42
2,4,6-Tribromophenol
Concen: 47.41 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49



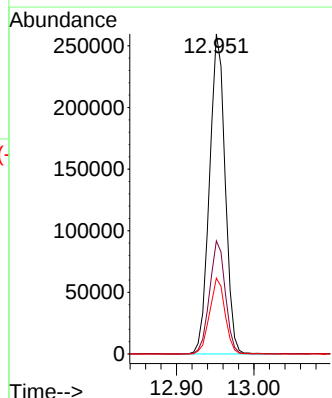
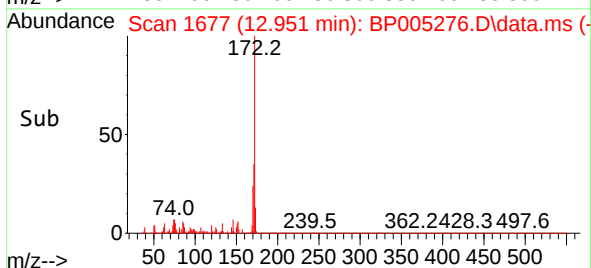
Tgt Ion:330 Resp: 45688
Ion Ratio Lower Upper
330 100
332 98.4 77.1 115.7
141 49.8 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 64.28 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49



Tgt Ion:172 Resp: 363509
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.7 19.2 28.8

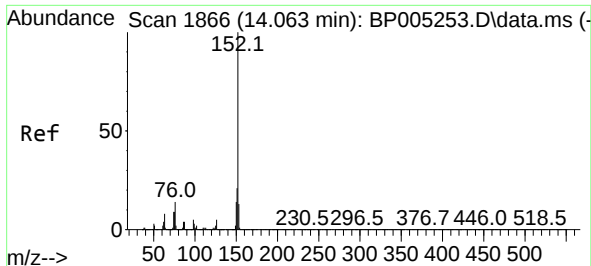


Instrument :
BNA_P
ClientSampleId :
SB1-A

Manual Integrations
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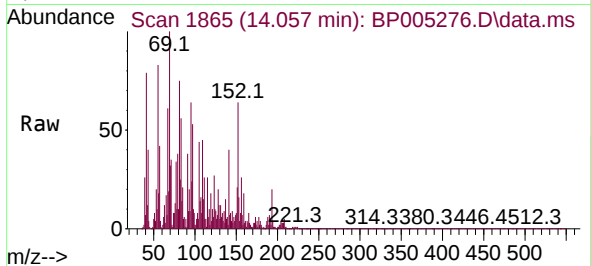
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#49
Acenaphthylene
Concen: 2.18 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

Instrument :
BNA_P
ClientSampleId :
SB1-A

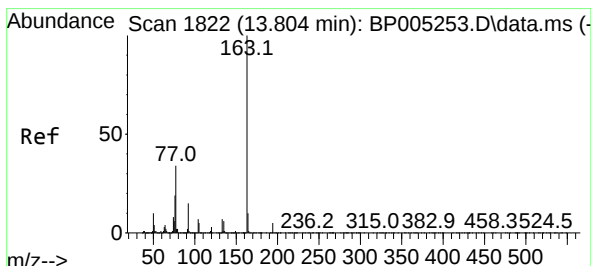
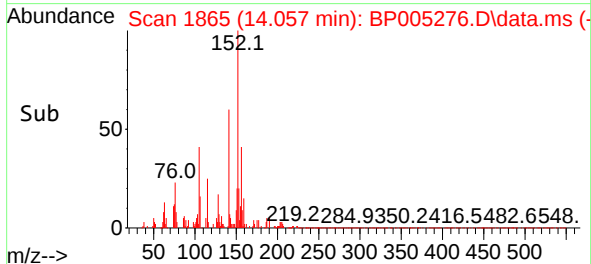
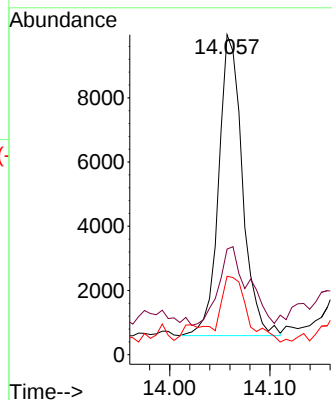


Tgt Ion:152 Resp: 15427
Ion Ratio Lower Upper
152 100
151 33.0 15.9 23.9#
153 24.5 10.5 15.7#

Manual Integrations
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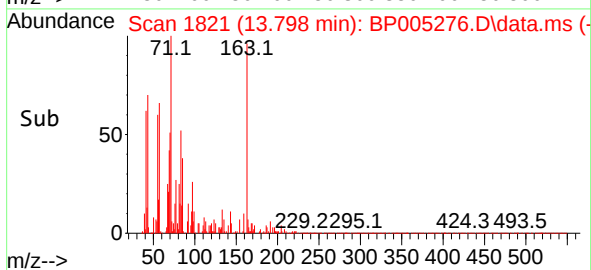
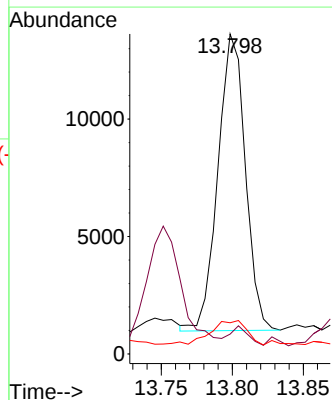
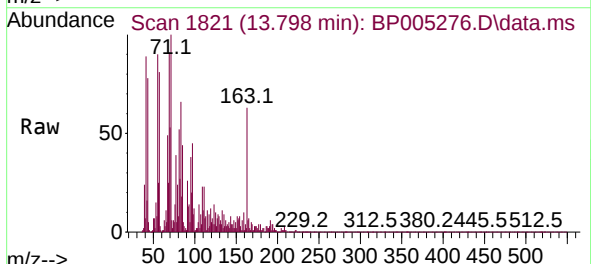
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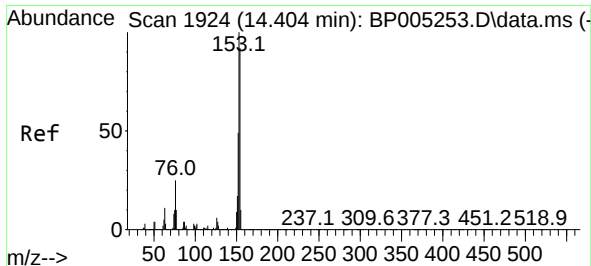
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#50
Dimethylphthalate
Concen: 3.02 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

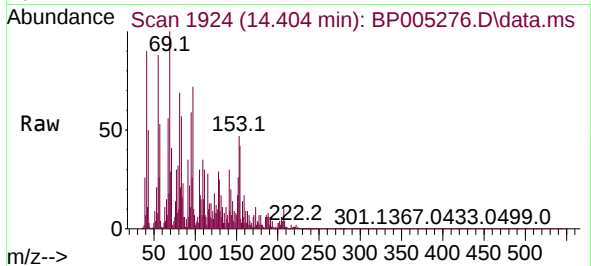
Tgt Ion:163 Resp: 16938
Ion Ratio Lower Upper
163 100
194 6.2 3.3 4.9#
164 9.8 8.2 12.2





#52
Acenaphthene
Concen: 2.12 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

Instrument :
BNA_P
ClientSampleId :
SB1-A

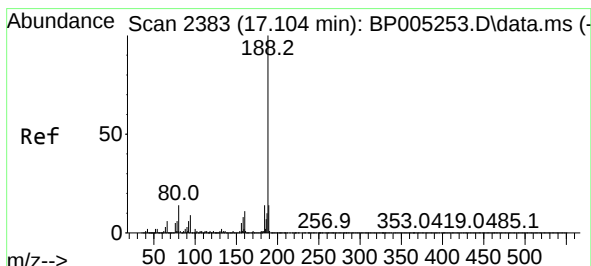
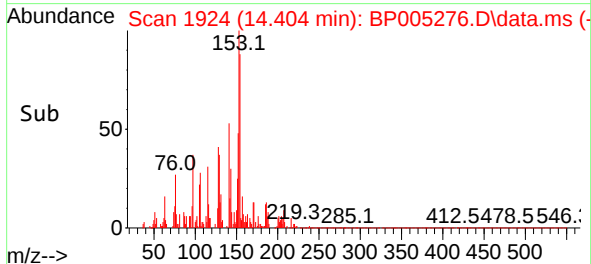
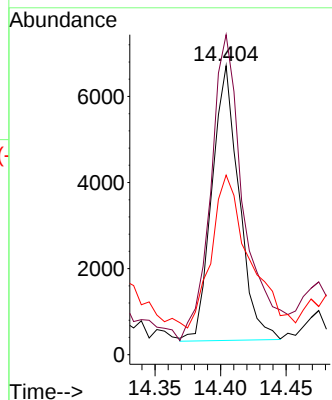


Tgt Ion:154 Resp: 9173
Ion Ratio Lower Upper
154 100
153 110.7 91.0 136.6
152 62.2 43.0 64.6

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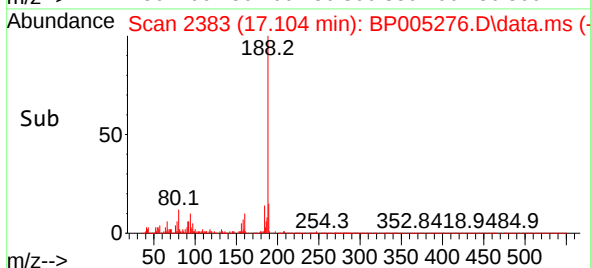
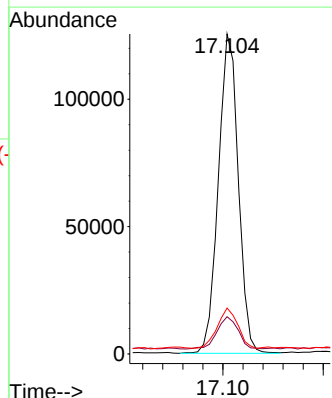
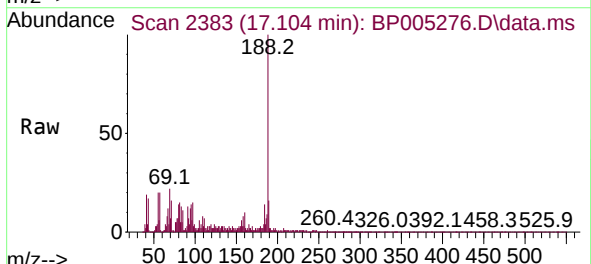
mohammad

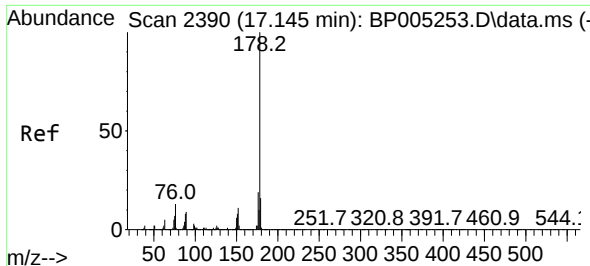
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.000 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

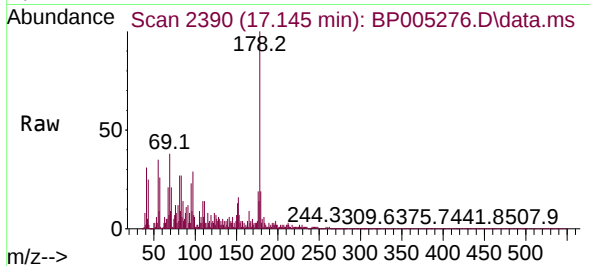
Tgt Ion:188 Resp: 173078
Ion Ratio Lower Upper
188 100
94 11.6 6.2 9.2#
80 14.3 6.2 9.2#





#71
Phenanthrene
Concen: 9.84 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

Instrument :
BNA_P
ClientSampleId :
SB1-A

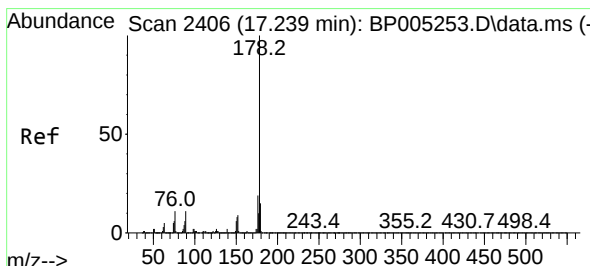
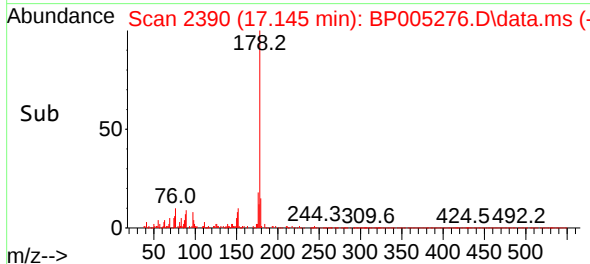
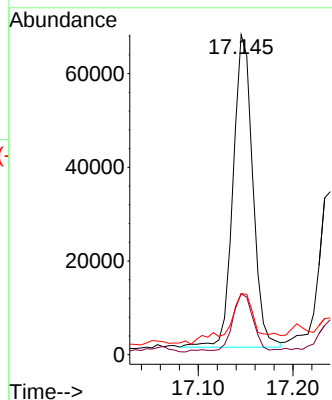


Tgt Ion:178 Resp: 96295
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 19.1 12.5 18.7#

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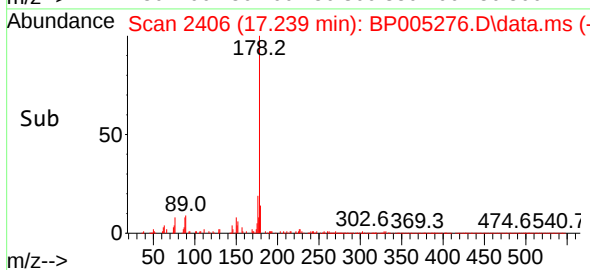
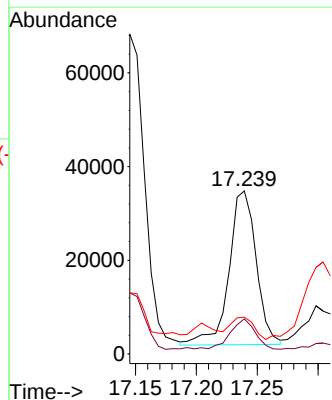
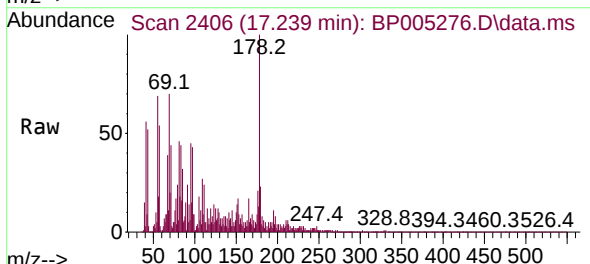
mohammad

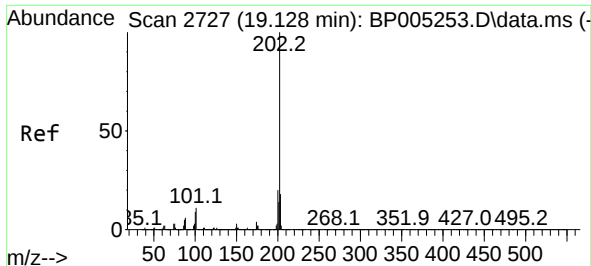
4/14/2021 11:49:38 AM



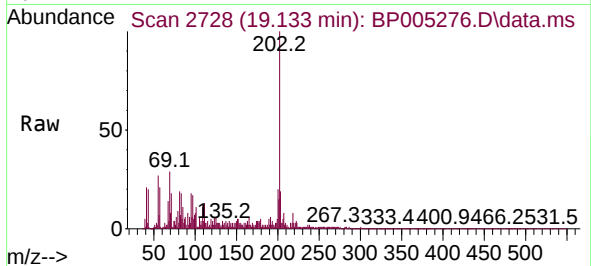
#72
Anthracene
Concen: 5.40 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

Tgt Ion:178 Resp: 51219
Ion Ratio Lower Upper
178 100
176 21.5 15.0 22.4
179 22.6 12.5 18.7#

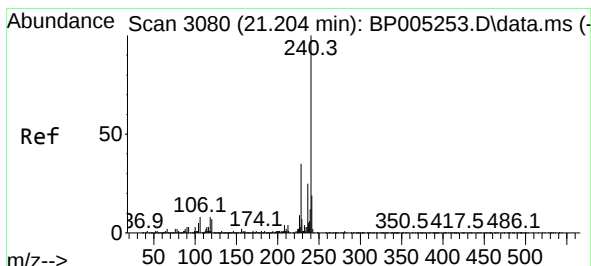
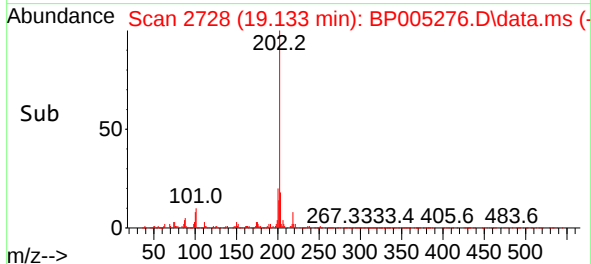
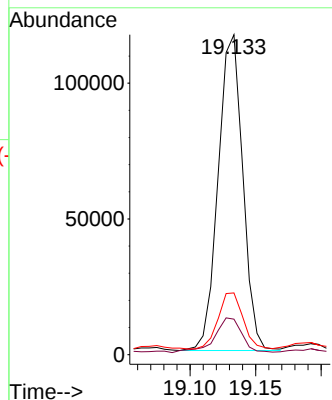




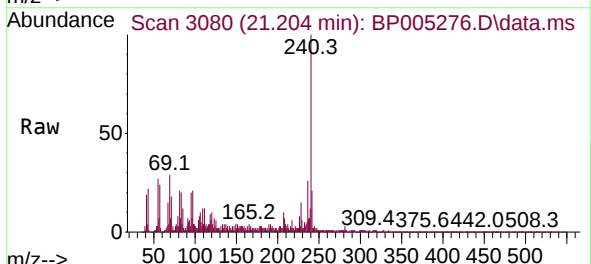
#75
Fluoranthene
Concen: 12.67 ng
RT: 19.133 min Scan# 2728
Delta R.T. 0.006 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49



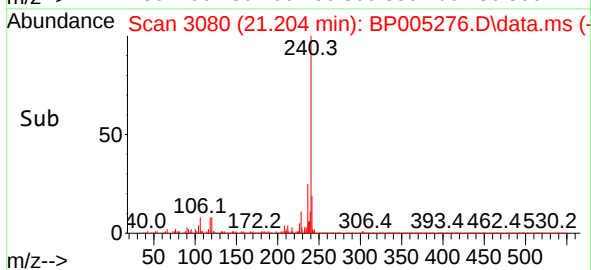
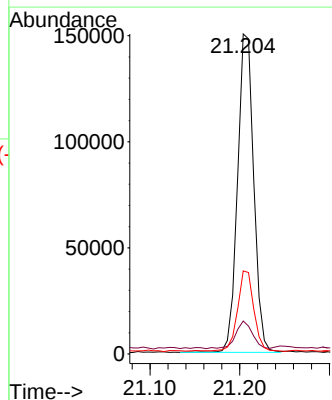
Tgt Ion:	202	Resp:	152090
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	29.4
203	19.3	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49



Tgt Ion:	240	Resp:	188264
Ion Ratio	Lower	Upper	
240	100		
120	10.3	7.8	11.6
236	26.0	20.8	31.2

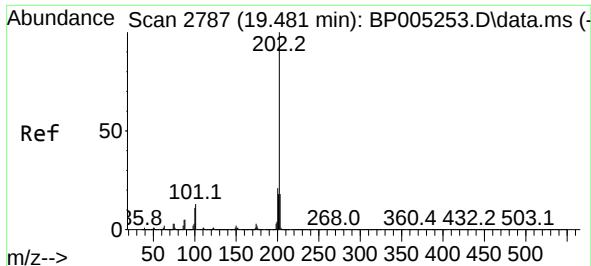


Instrument :
BNA_P
ClientSampled :
SB1-A

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#78
Pyrene
Concen: 16.55 ng
RT: 19.486 min Scan# 2788
Delta R.T. 0.006 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

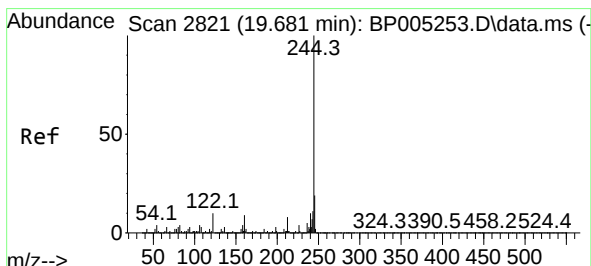
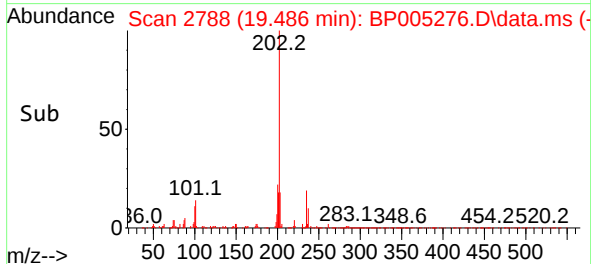
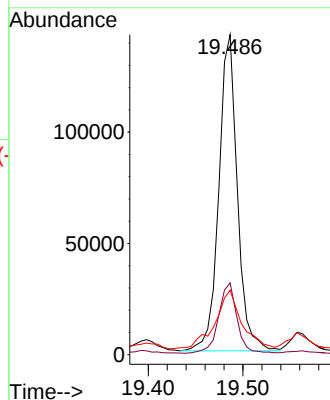
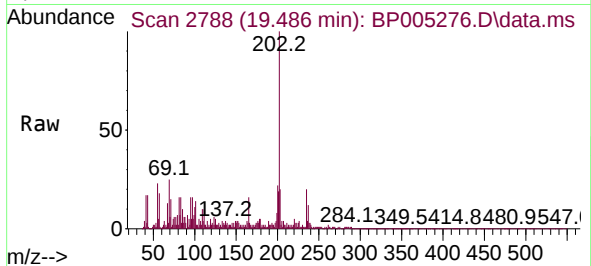
Tgt Ion:202 Resp: 193604
Ion Ratio Lower Upper
202 100
200 22.4 17.1 25.7
203 20.2 14.2 21.2

Instrument :
BNA_P
ClientSampleId :
SB1-A

Manual Integrations
APPROVED

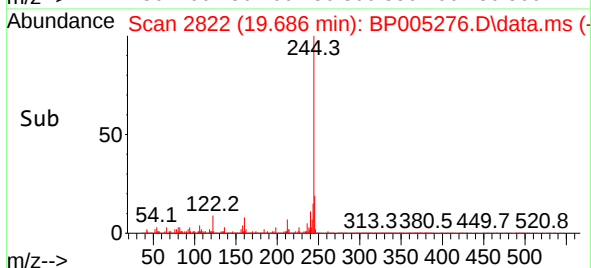
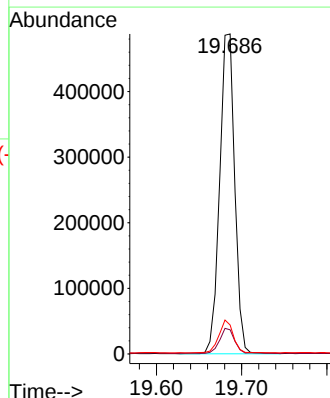
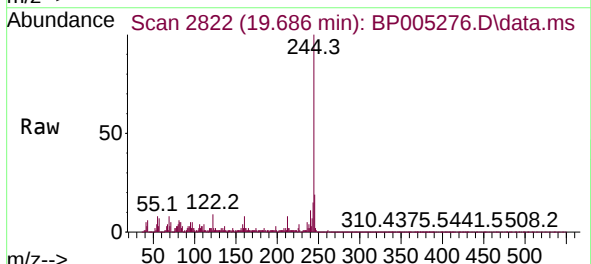
mohammad

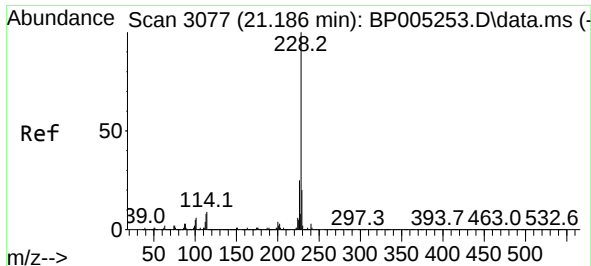
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#79
Terphenyl-d14
Concen: 62.35 ng
RT: 19.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

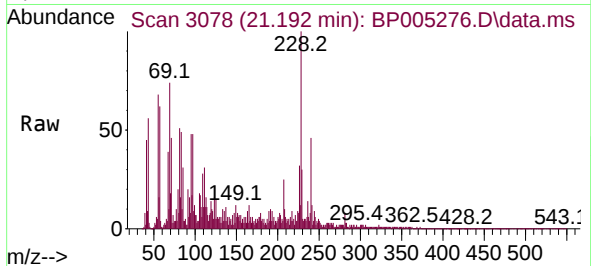
Tgt Ion:244 Resp: 597493
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 9.1 7.8 11.8





#81
Benzo(a)anthracene
Concen: 6.01 ng
RT: 21.192 min Scan# 3078
Delta R.T. 0.006 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

Instrument :
BNA_P
ClientSampled :
SB1-A

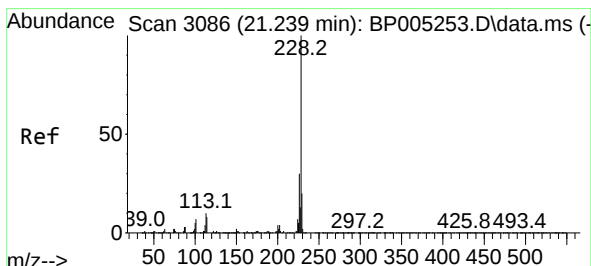
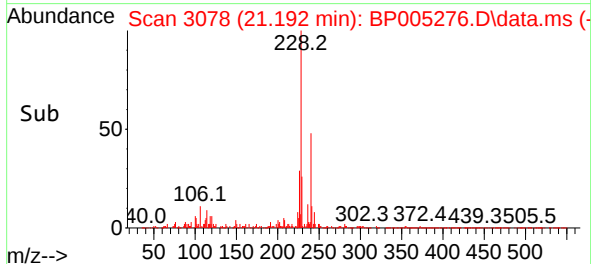
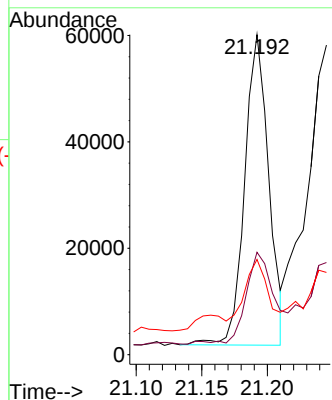


Tgt Ion:228 Resp: 74636
Ion Ratio Lower Upper
228 100
226 32.0 22.1 33.1
229 29.8 15.9 23.9#

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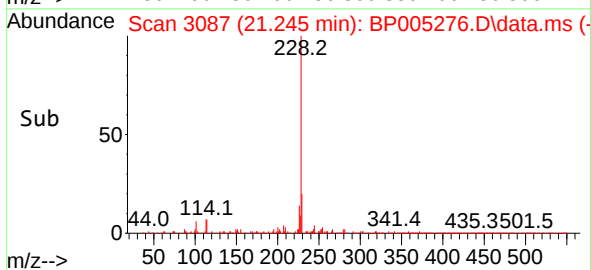
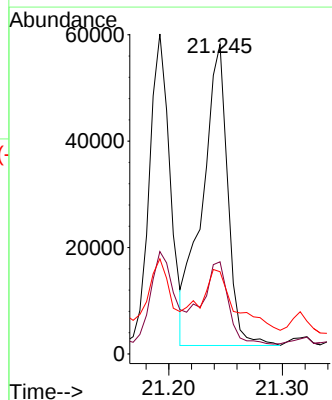
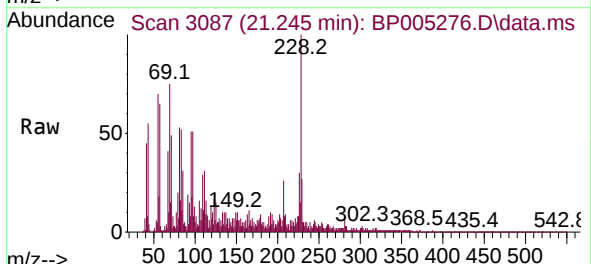
mohammad

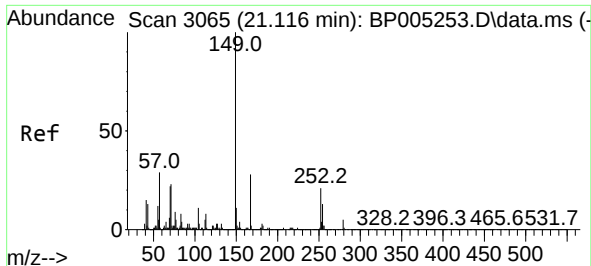
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#83
Chrysene
Concen: 7.33 ng
RT: 21.245 min Scan# 3087
Delta R.T. 0.006 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

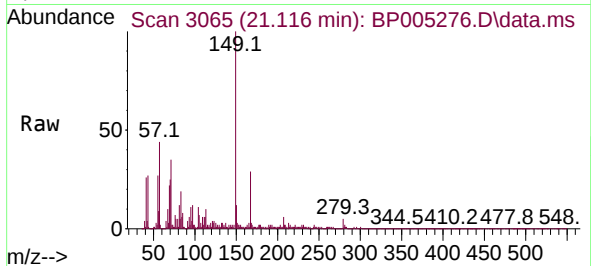
Tgt Ion:228 Resp: 88603
Ion Ratio Lower Upper
228 100
226 29.8 24.4 36.6
229 26.6 15.8 23.6#





#84
Bis(2-ethylhexyl)phthalate
Concen: 43.49 ng
RT: 21.116 min Scan# 3065
Delta R.T. -0.000 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

Instrument :
BNA_P
ClientSampleId :
SB1-A

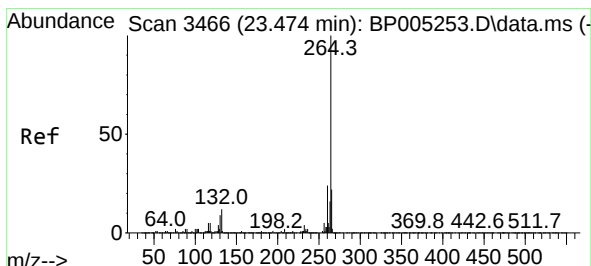
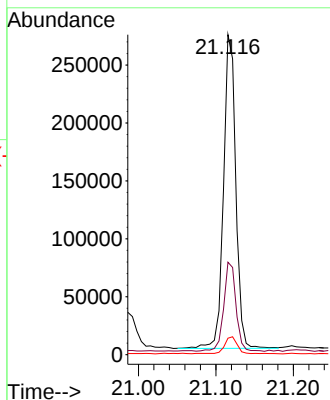
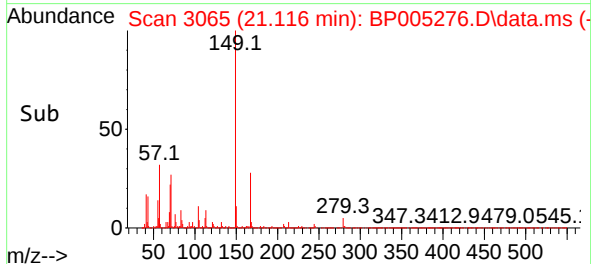


Tgt Ion:149 Resp: 298758
Ion Ratio Lower Upper
149 100
167 28.9 22.6 34.0
279 5.2 4.2 6.2

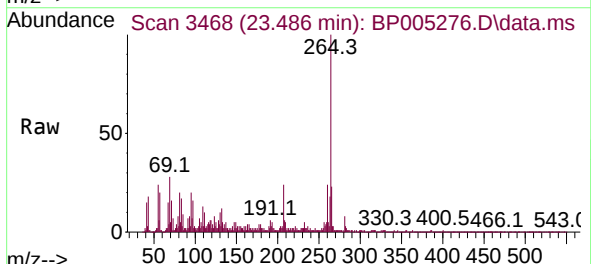
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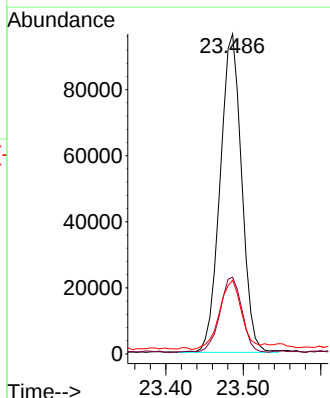
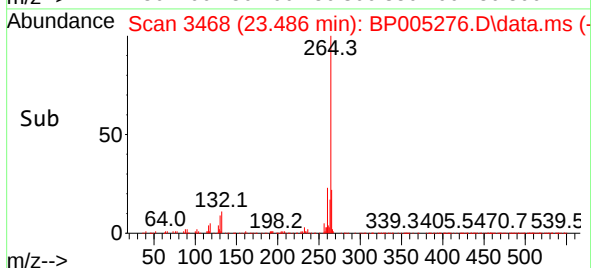
4/14/2021 11:49:38 AM

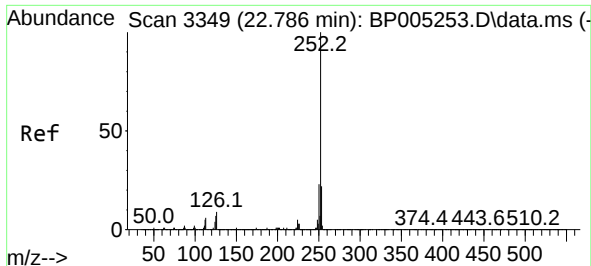


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.486 min Scan# 3468
Delta R.T. 0.012 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

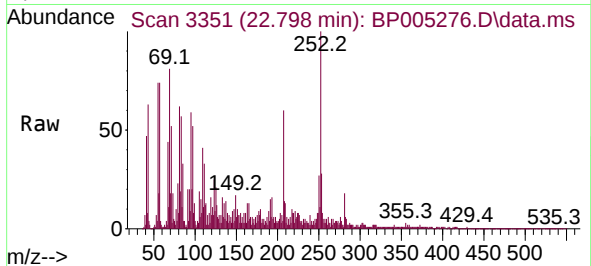


Tgt Ion:264 Resp: 185961
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 23.0 17.4 26.2

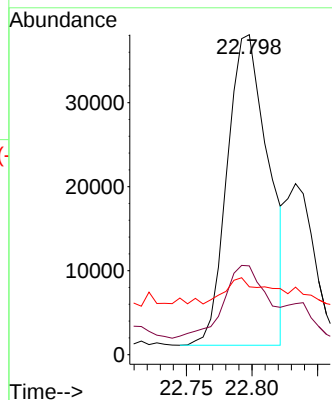
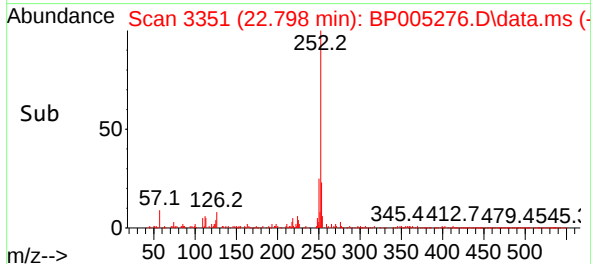




#88
Benzo(b)fluoranthene
Concen: 6.62 ng
RT: 22.798 min Scan# 3351
Delta R.T. 0.012 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49



Tgt Ion:252 Resp: 80628
Ion Ratio Lower Upper
252 100
253 27.7 17.6 26.4#
125 21.2 7.3 10.9#

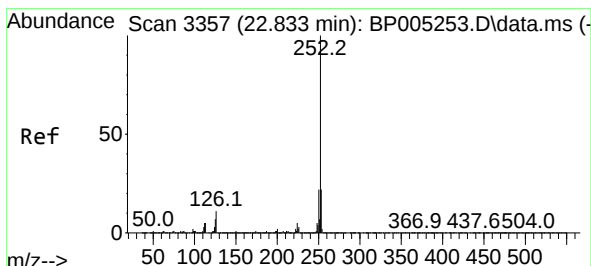


Instrument :
BNA_P
ClientSampled :
SB1-A

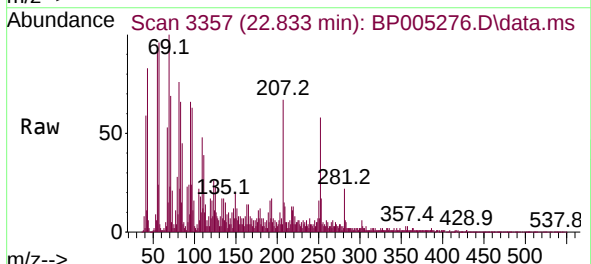
Manual Integrations
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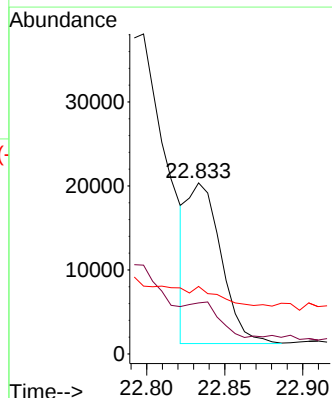
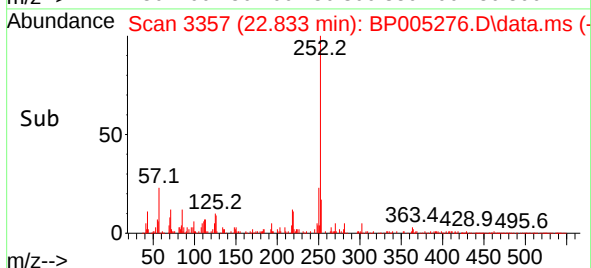
4/14/2021 11:49:38 AM

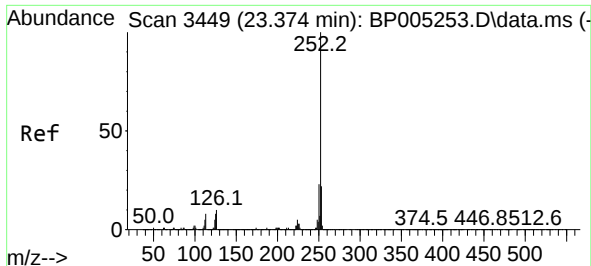


#89
Benzo(k)fluoranthene
Concen: 2.47 ng m
RT: 22.833 min Scan# 3357
Delta R.T. -0.000 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49



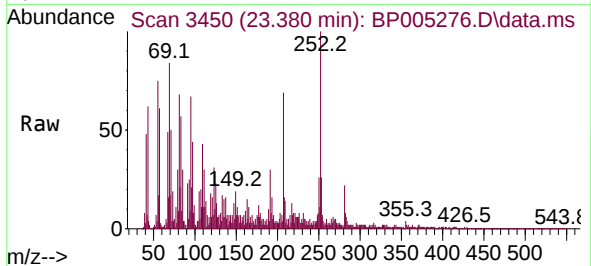
Tgt Ion:252 Resp: 28813
Ion Ratio Lower Upper
252 100
253 29.9 17.8 26.8#
125 39.5 7.4 11.2#





#90
Benzo(a)pyrene
Concen: 5.50 ng
RT: 23.380 min Scan# 3450
Delta R.T. 0.006 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

Instrument :
BNA_P
ClientSampled :
SB1-A

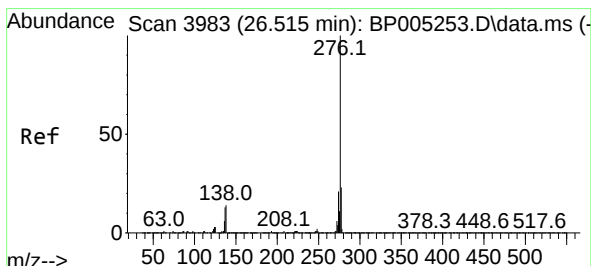
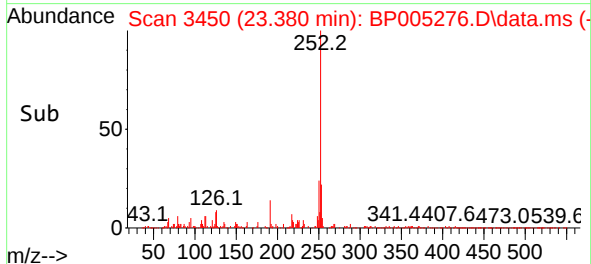
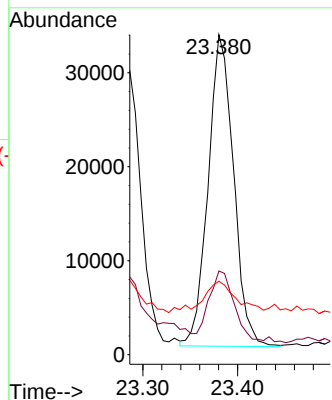


Tgt Ion:252 Resp: 61986
Ion Ratio Lower Upper
252 100
253 26.2 17.4 26.0#
125 22.9 8.2 12.4#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.31 ng
RT: 26.521 min Scan# 3984
Delta R.T. 0.006 min
Lab File: BP005276.D
Acq: 12 Apr 2021 20:49

Tgt Ion:276 Resp: 39640
Ion Ratio Lower Upper
276 100
277 28.0 19.0 28.6
138 19.7 16.6 24.8

