

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
 Data File : BP005294.D
 Acq On : 13 Apr 2021 19:08
 Operator : CG/JU
 Sample : M2017-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FISHKILL-SP-1

Manual Integrations
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mohammad
 4/14/2021 11:51:12 AM

Quant Time: Apr 14 02:44:39 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	66911	20.00	ng	# 0.00
21) Naphthalene-d8	10.463	136	231464	20.00	ng	# 0.00
39) Acenaphthene-d10	14.340	164	136723	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	292102	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	237959	20.00	ng	0.00
86) Perylene-d12	23.480	264	203937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	519849	81.54	ng	0.00
7) Phenol-d6	6.869	99	576243	79.21	ng	0.00
23) Nitrobenzene-d5	8.840	82	390024	53.14	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	153531	88.96	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	628452	62.05	ng	0.00
79) Terphenyl-d14	19.681	244	881274	72.75	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.798	163	23803	2.37	ng	99
71) Phenanthrene	17.145	178	60706	3.68	ng	97
75) Fluoranthene	19.128	202	154947	7.65	ng	98
78) Pyrene	19.481	202	164586	11.13	ng	98
81) Benzo(a)anthracene	21.192	228	84018	5.35	ng	# 95
83) Chrysene	21.239	228	85178	5.58	ng	# 94
87) Indeno(1,2,3-cd)pyrene	25.815	276	37663	2.42	ng	# 90
88) Benzo(b)fluoranthene	22.792	252	91019	6.82	ng	95
89) Benzo(k)fluoranthene	22.827	252	28892m	2.26	ng	
90) Benzo(a)pyrene	23.380	252	61345	4.97	ng	98
92) Benzo(g,h,i)perylene	26.527	276	37847	2.88	ng	95

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

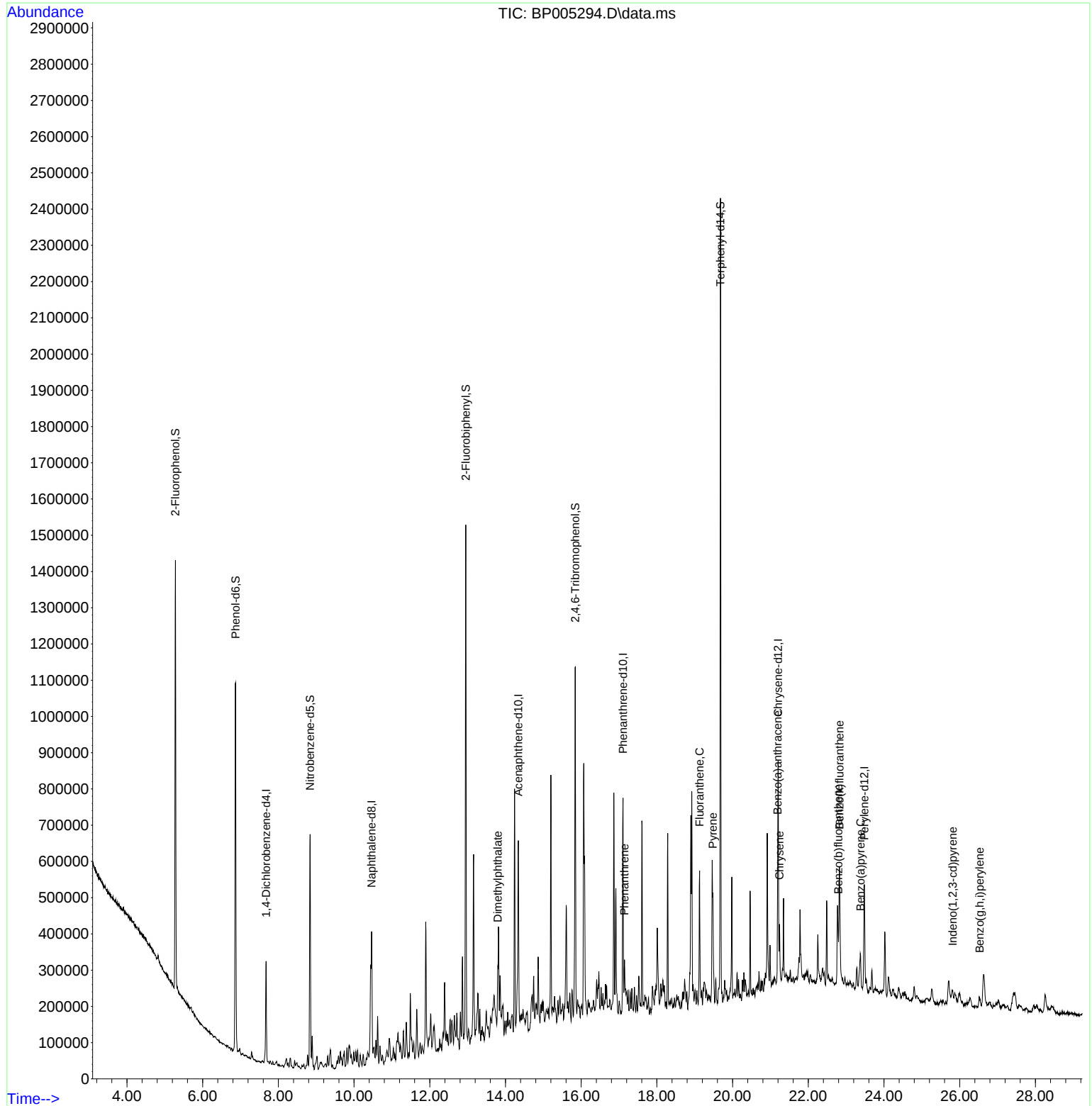
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Data File : BP005294.D
Acq On : 13 Apr 2021 19:08
Operator : CG/JU
Sample : M2017-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

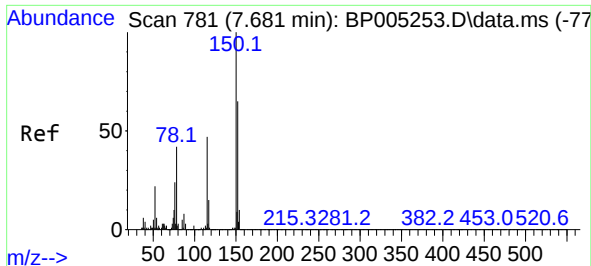
Instrument :
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ClientSampleId :
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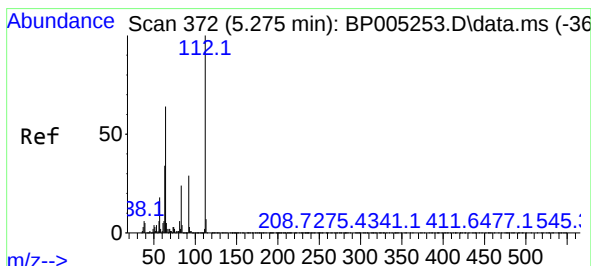
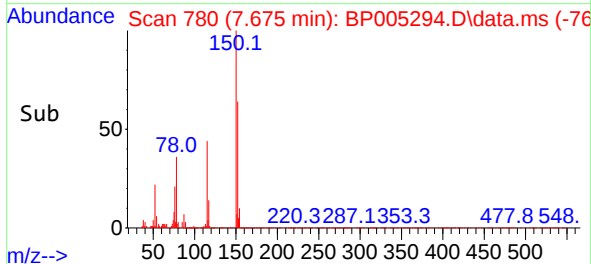
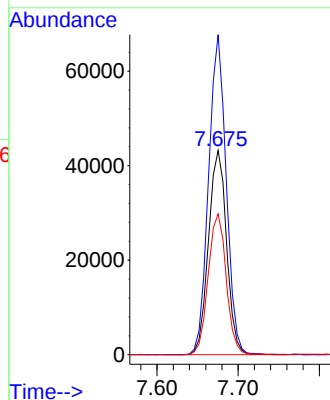
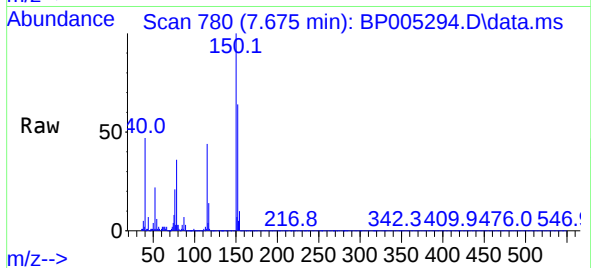
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP005294.D
Acq: 13 Apr 2021 19:08

Tgt Ion:152 Resp: 66911
Ion Ratio Lower Upper
152 100
150 156.7 123.8 185.6
115 69.0 43.8 65.6#

Instrument :
BNA_P
ClientSampleId :
FISHKILL-SP-1

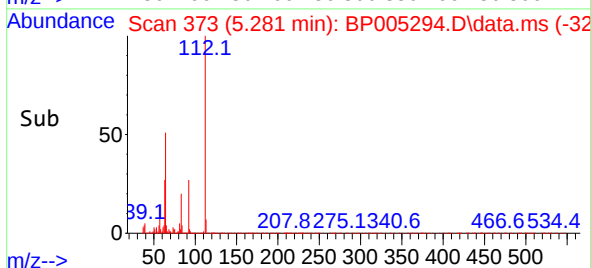
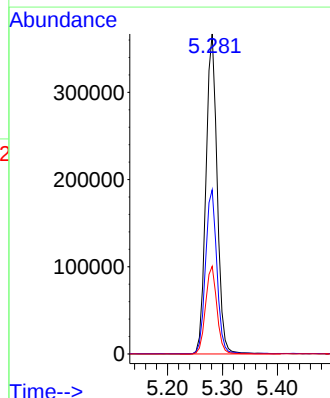
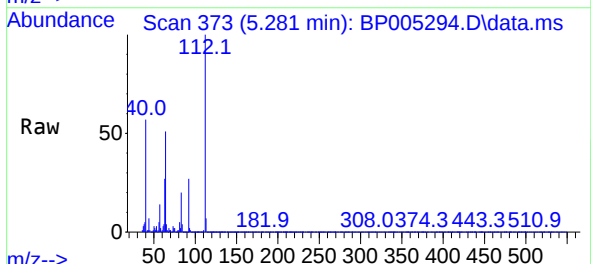
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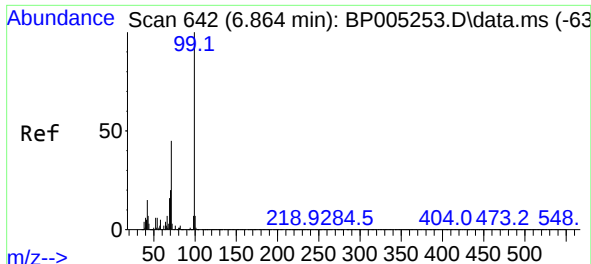
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#5
2-Fluorophenol
Concen: 81.54 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.006 min
Lab File: BP005294.D
Acq: 13 Apr 2021 19:08

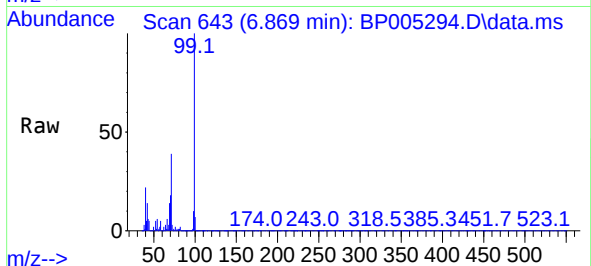
Tgt Ion:112 Resp: 519849
Ion Ratio Lower Upper
112 100
64 51.3 32.8 49.2#
63 27.4 17.0 25.4#





#7
Phenol-d6
Concen: 79.21 ng
RT: 6.869 min Scan# 643
Delta R.T. 0.006 min
Lab File: BP005294.D
Acq: 13 Apr 2021 19:08

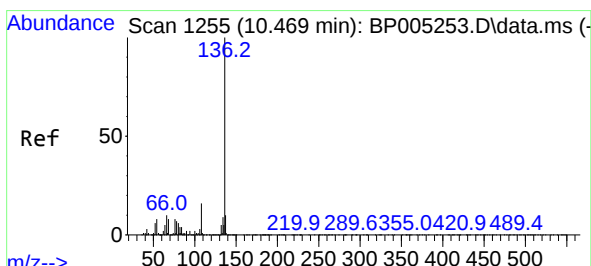
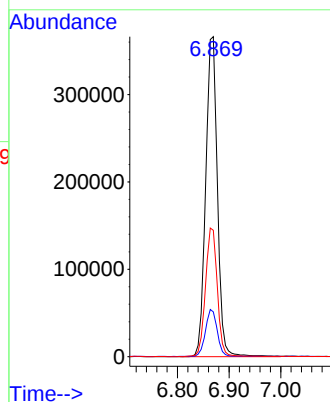
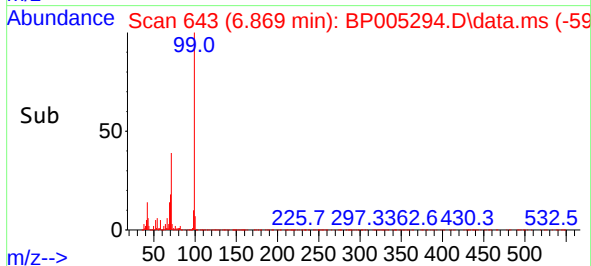
Instrument :
BNA_P
ClientSampleId :
FISHKILL-SP-1



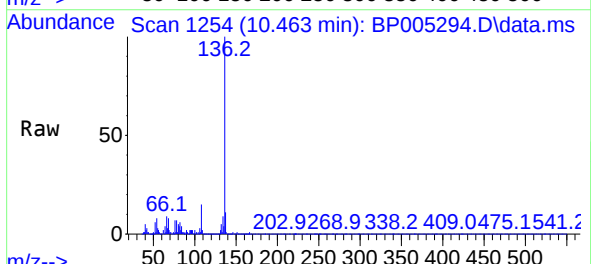
Tgt Ion: 99 Resp: 576243
Ion Ratio Lower Upper
99 100
42 14.0 8.6 13.0#
71 39.5 23.4 35.2#

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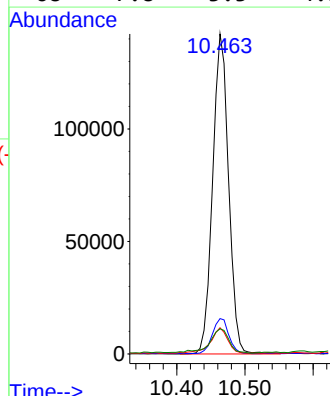
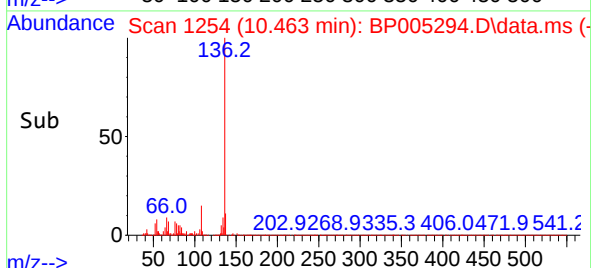
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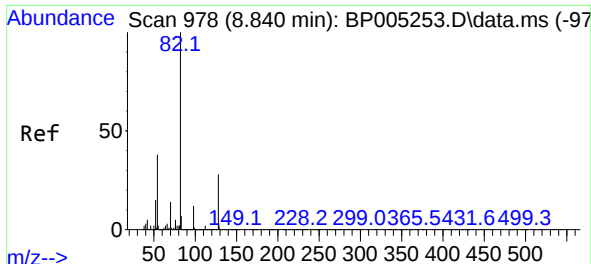


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP005294.D
Acq: 13 Apr 2021 19:08



Tgt Ion: 136 Resp: 231464
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.2 3.6 5.4#
68 7.8 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 53.14 ng

RT: 8.840 min Scan# 978

Delta R.T. -0.000 min

Lab File: BP005294.D

Acq: 13 Apr 2021 19:08

Tgt Ion:	82	Resp:	390024
Ion	Ratio	Lower	Upper
82	100		
128	32.3	45.6	68.4#
54	39.8	30.1	45.1

Instrument :

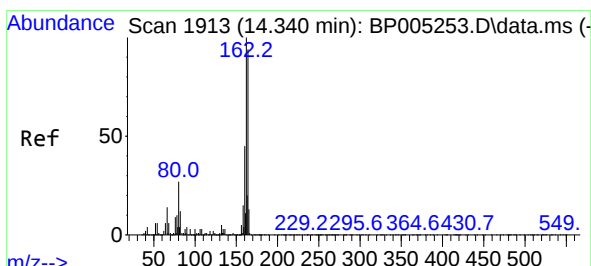
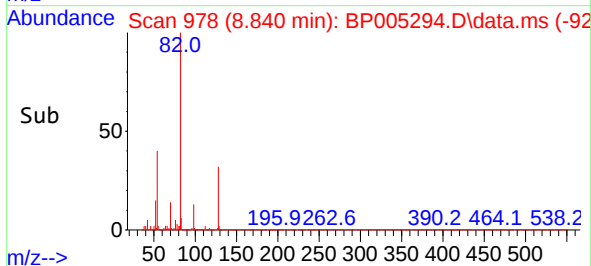
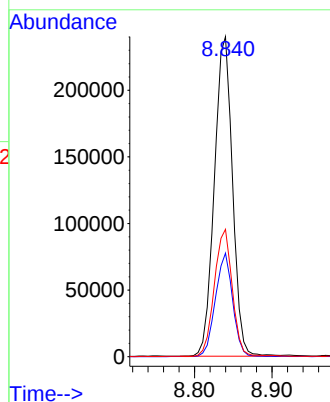
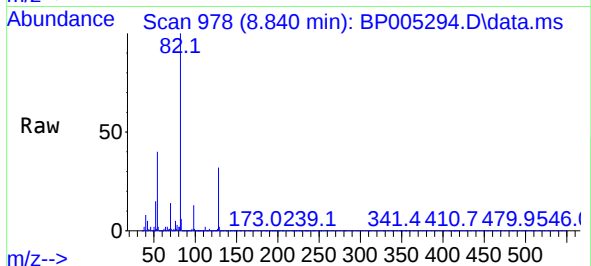
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ClientSampleId :

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#39

Acenaphthene-d10

Concen: 20.00 ng

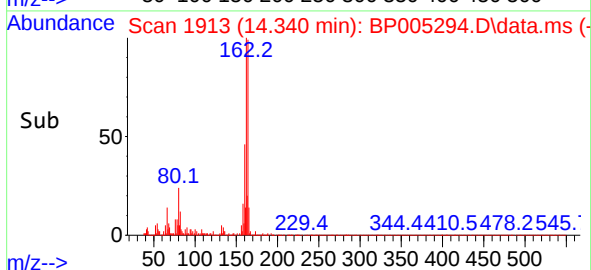
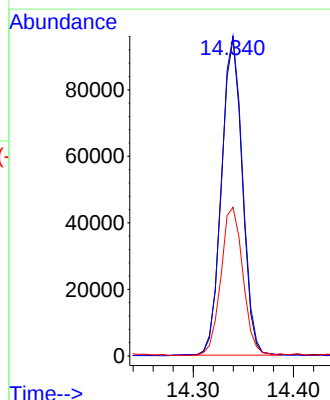
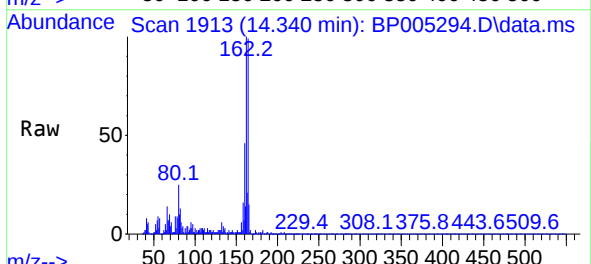
RT: 14.340 min Scan# 1913

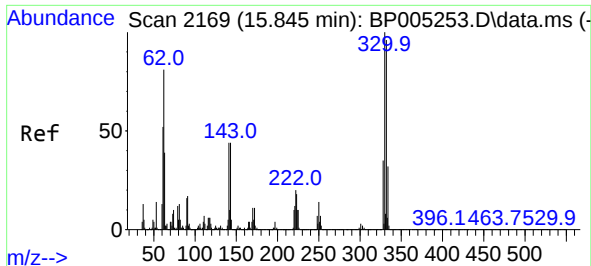
Delta R.T. -0.000 min

Lab File: BP005294.D

Acq: 13 Apr 2021 19:08

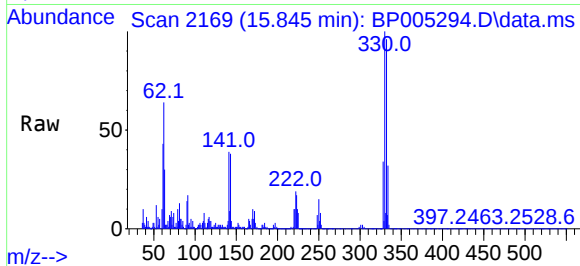
Tgt Ion:	164	Resp:	136723
Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.4	119.2
160	46.9	36.1	54.1





#42
2,4,6-Tribromophenol
Concen: 88.96 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BP005294.D
Acq: 13 Apr 2021 19:08

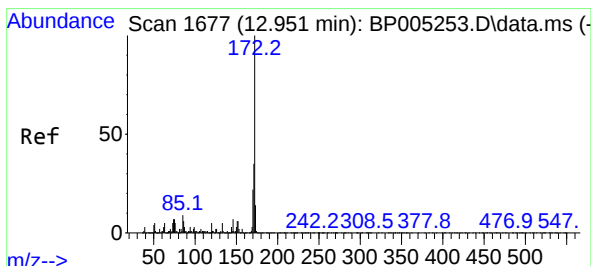
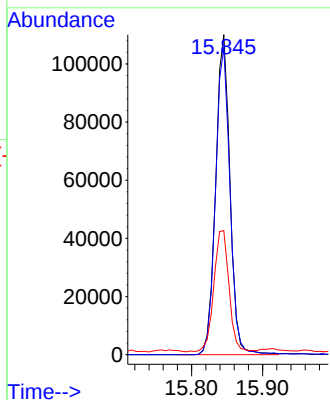
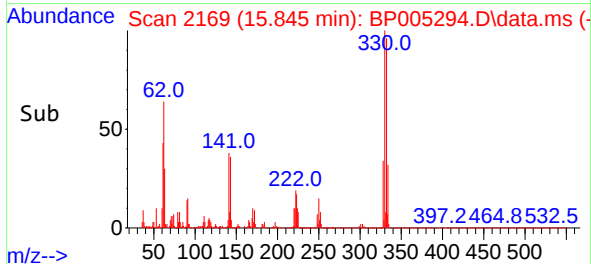
Instrument :
BNA_P
ClientSampleId :
FISHKILL-SP-1



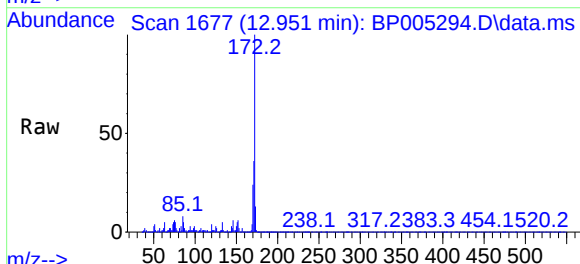
Tgt Ion:330 Resp: 153531
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 40.1 23.4 35.2#

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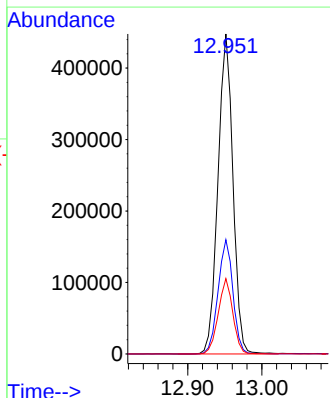
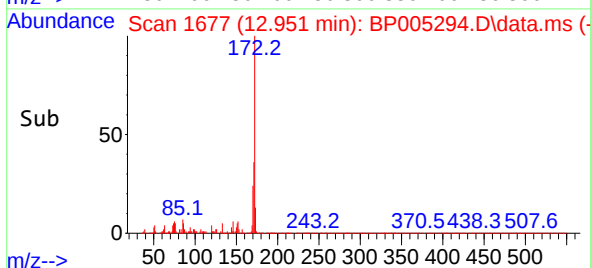
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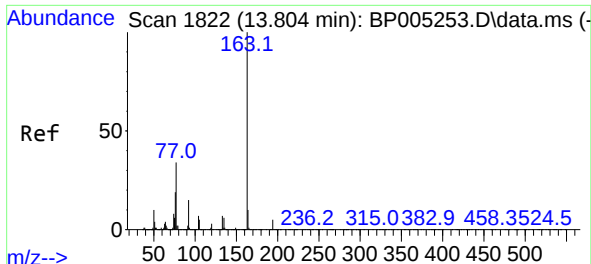


#45
2-Fluorobiphenyl
Concen: 62.05 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005294.D
Acq: 13 Apr 2021 19:08



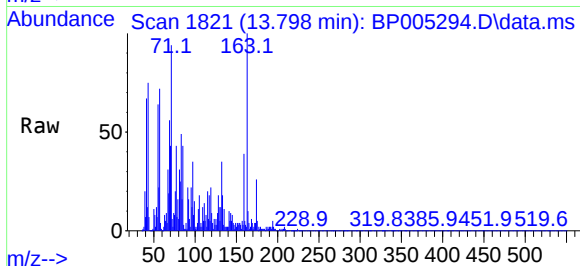
Tgt Ion:172 Resp: 628452
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.5 19.2 28.8





#50
Dimethylphthalate
Concen: 2.37 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BP005294.D
Acq: 13 Apr 2021 19:08

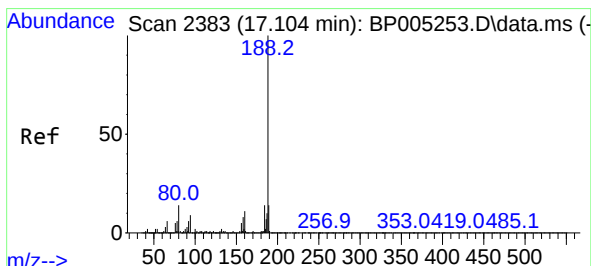
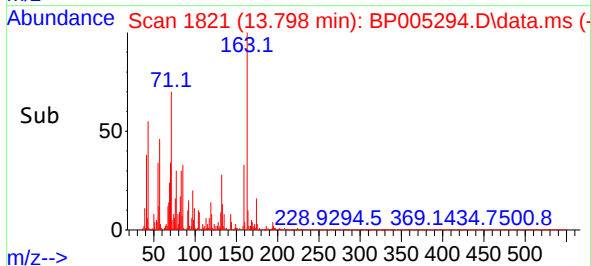
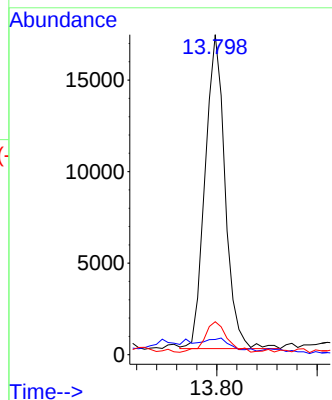
Instrument :
BNA_P
ClientSampleId :
FISHKILL-SP-1



Tgt Ion:163 Resp: 23803
Ion Ratio Lower Upper
163 100
194 4.8 3.3 4.9
164 10.3 8.2 12.2

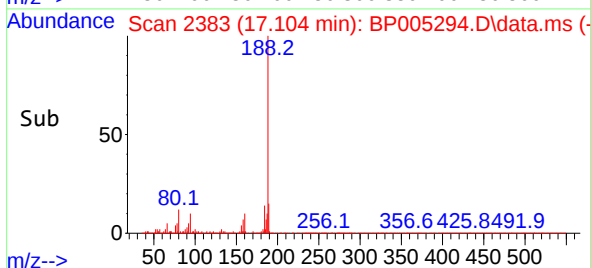
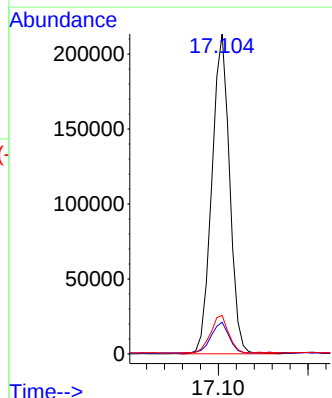
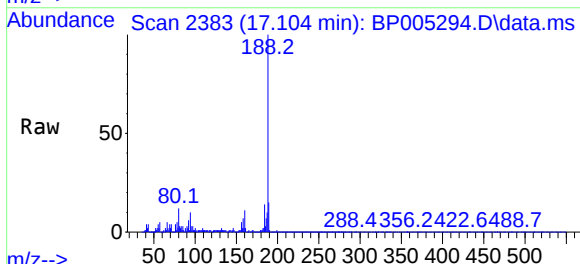
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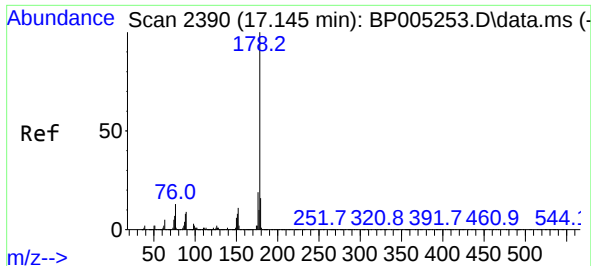
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.000 min
Lab File: BP005294.D
Acq: 13 Apr 2021 19:08

Tgt Ion:188 Resp: 292102
Ion Ratio Lower Upper
188 100
94 9.9 6.2 9.2#
80 12.1 6.2 9.2#





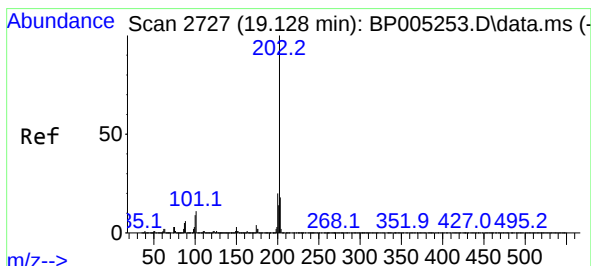
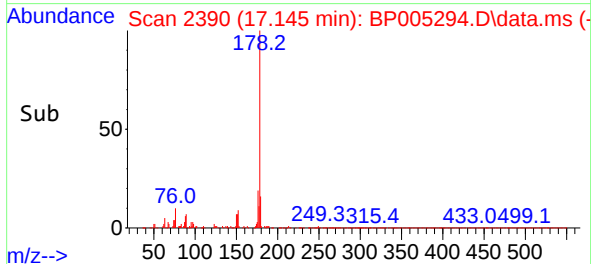
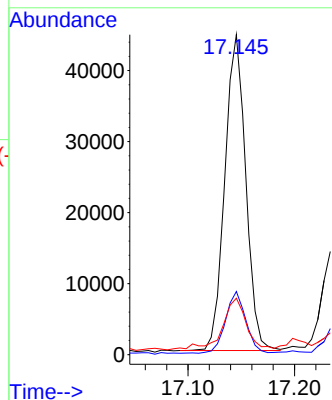
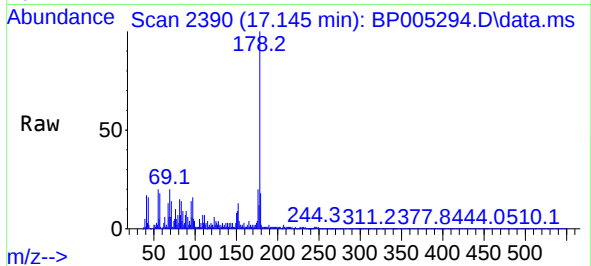
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Phenanthrene
Concen: 3.68 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP005294.D
Acq: 13 Apr 2021 19:08

Tgt Ion:178 Resp: 60706
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 17.6 12.5 18.7

Instrument :
BNA_P
ClientSampleId :
FISHKILL-SP-1

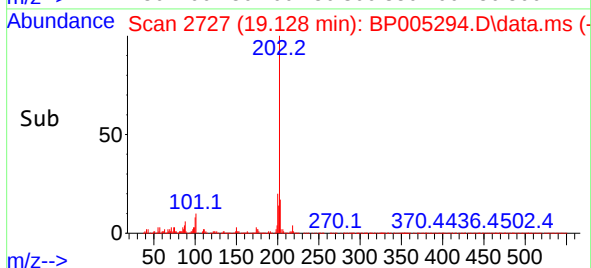
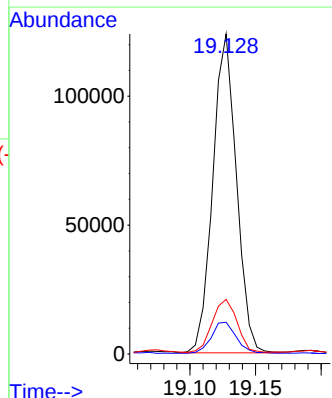
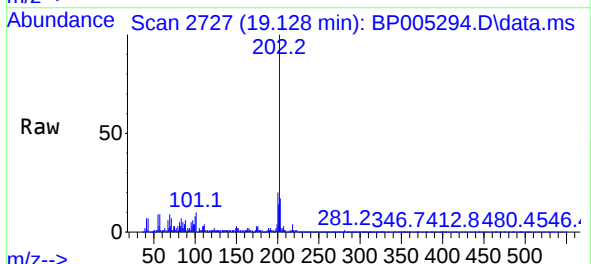
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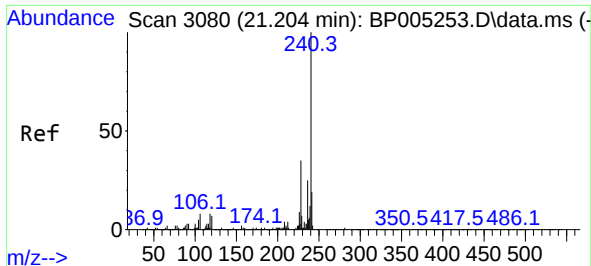
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#75
Fluoranthene
Concen: 7.65 ng
RT: 19.128 min Scan# 2727
Delta R.T. 0.000 min
Lab File: BP005294.D
Acq: 13 Apr 2021 19:08

Tgt Ion:202 Resp: 154947
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.4
203 17.1 0.0 37.8





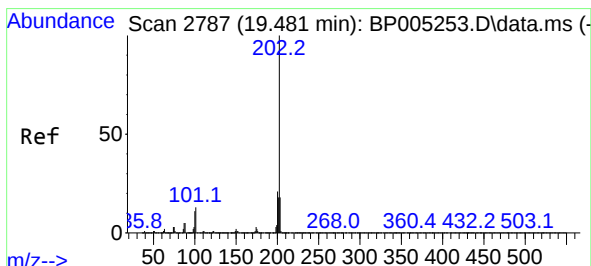
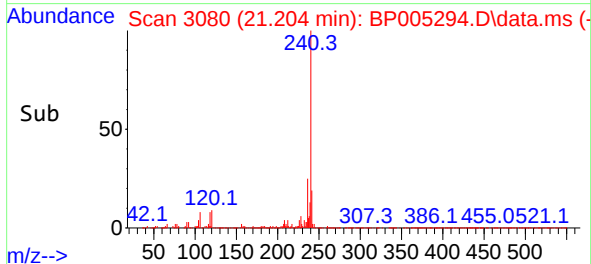
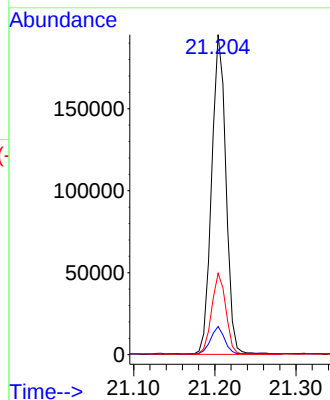
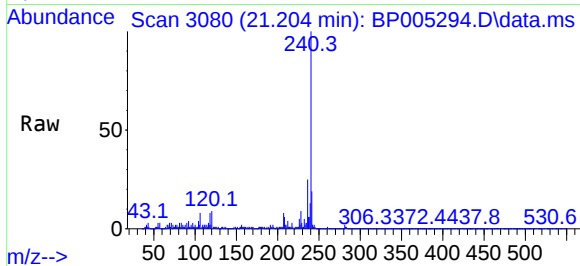
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BP005294.D
Acq: 13 Apr 2021 19:08

Tgt Ion:	240	Resp:	237959
Ion Ratio	Lower	Upper	
240	100		
120	8.8	7.8	11.6
236	25.5	20.8	31.2

Instrument :
BNA_P
ClientSampleId :
FISHKILL-SP-1

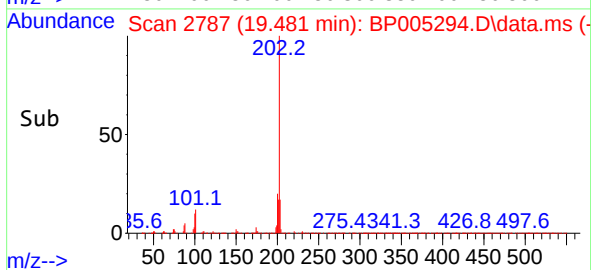
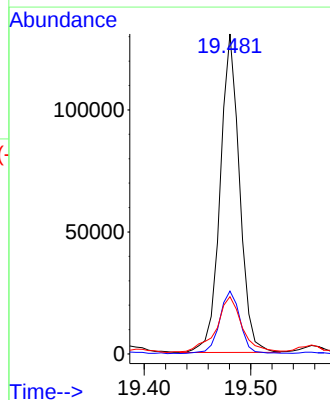
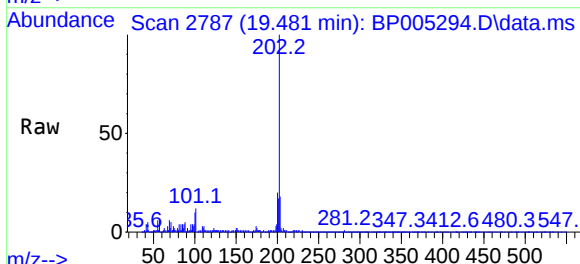
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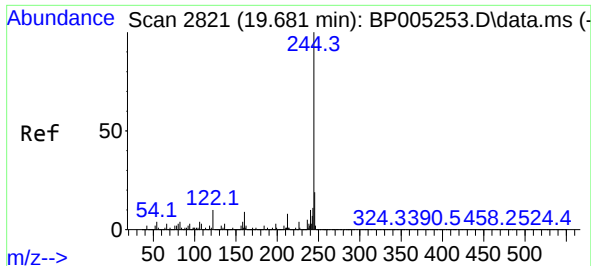
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#78
Pyrene
Concen: 11.13 ng
RT: 19.481 min Scan# 2787
Delta R.T. -0.000 min
Lab File: BP005294.D
Acq: 13 Apr 2021 19:08

Tgt Ion:	202	Resp:	164586
Ion Ratio	Lower	Upper	
202	100		
200	19.6	17.1	25.7
203	17.9	14.2	21.2





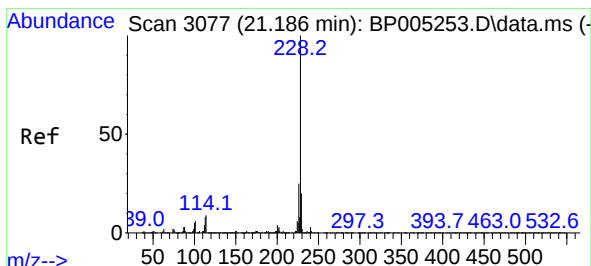
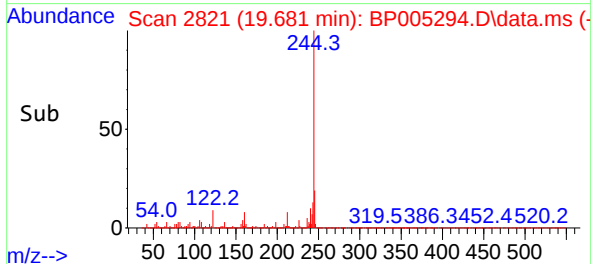
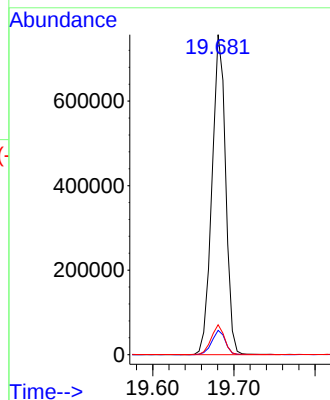
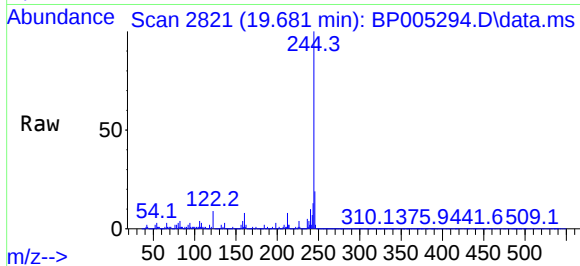
#79
 Terphenyl-d14
 Concen: 72.75 ng
 RT: 19.681 min Scan# 2821
 Delta R.T. 0.000 min
 Lab File: BP005294.D
 Acq: 13 Apr 2021 19:08

Tgt Ion: 244 Resp: 881274
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 9.4 7.8 11.8

Instrument :
 BNA_P
 ClientSampleId :
 FISHKILL-SP-1

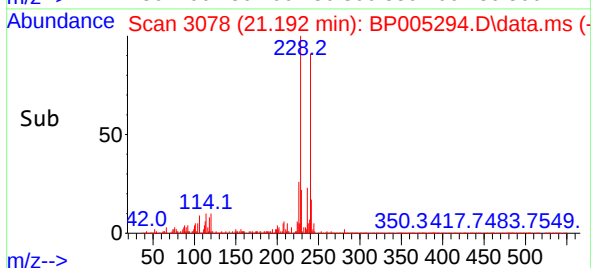
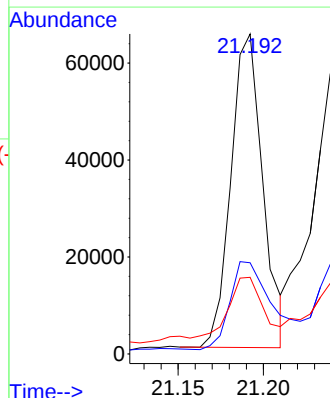
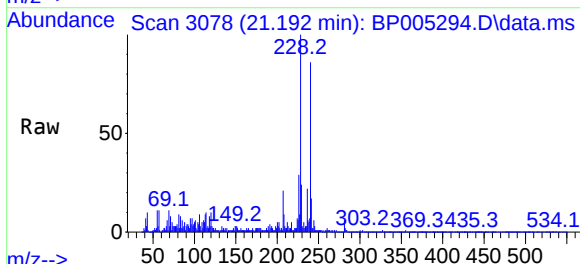
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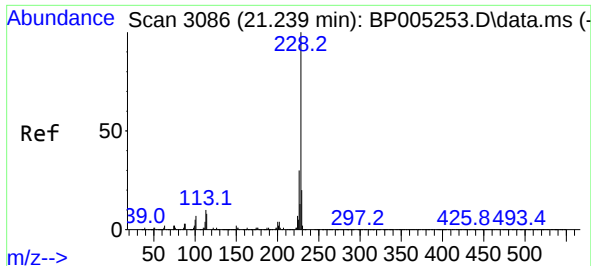
mohammad
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#81
 Benzo(a)anthracene
 Concen: 5.35 ng
 RT: 21.192 min Scan# 3078
 Delta R.T. 0.006 min
 Lab File: BP005294.D
 Acq: 13 Apr 2021 19:08

Tgt Ion: 228 Resp: 84018
 Ion Ratio Lower Upper
 228 100
 226 28.5 22.1 33.1
 229 24.0 15.9 23.9#





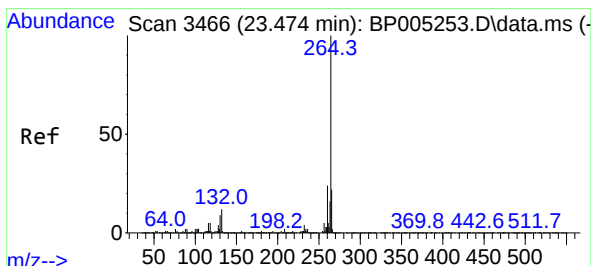
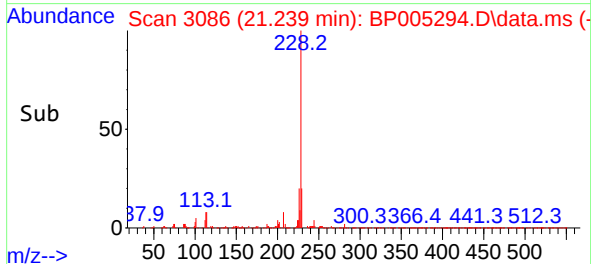
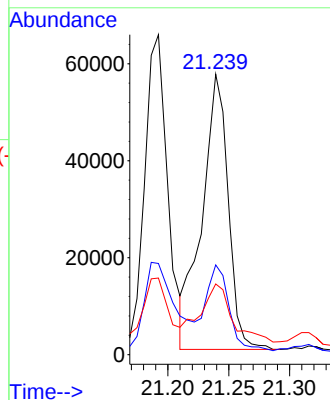
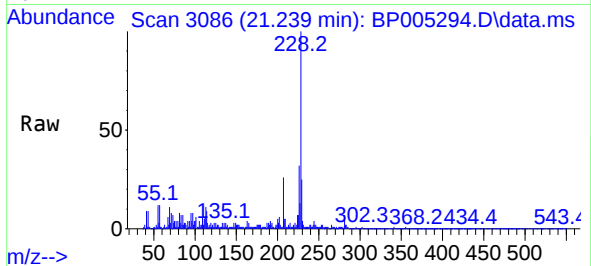
#83
Chrysene
Concen: 5.58 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BP005294.D
Acq: 13 Apr 2021 19:08

Tgt Ion:	228	Resp:	85178
Ion Ratio	Lower	Upper	
228	100		
226	32.0	24.4	36.6
229	25.2	15.8	23.6#

Instrument :
BNA_P
ClientSampleId :
FISHKILL-SP-1

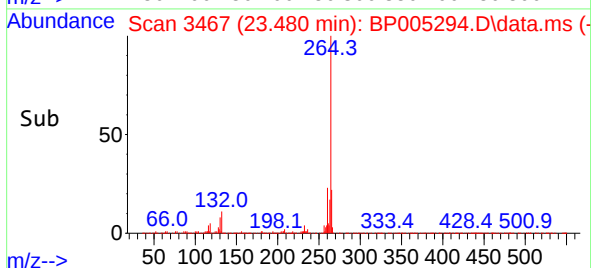
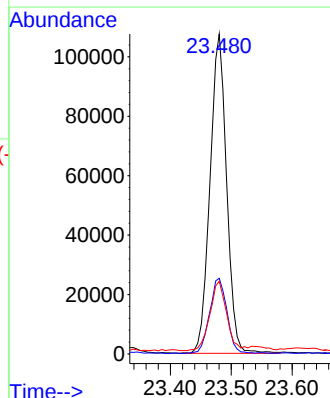
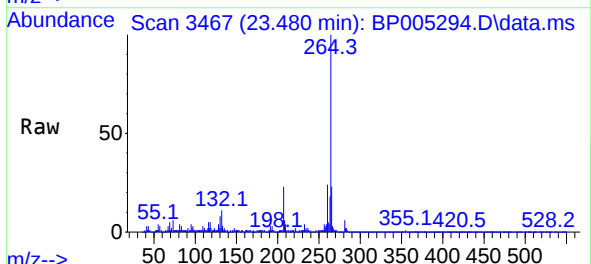
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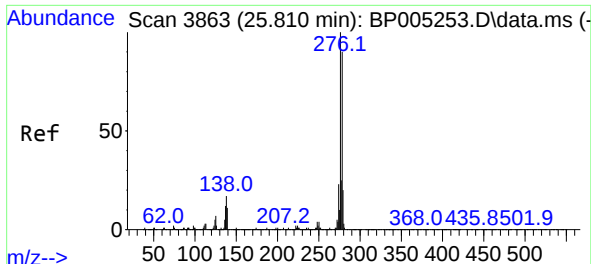
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.480 min Scan# 3467
Delta R.T. 0.006 min
Lab File: BP005294.D
Acq: 13 Apr 2021 19:08

Tgt Ion:	264	Resp:	203937
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.8	28.2
265	22.7	17.4	26.2





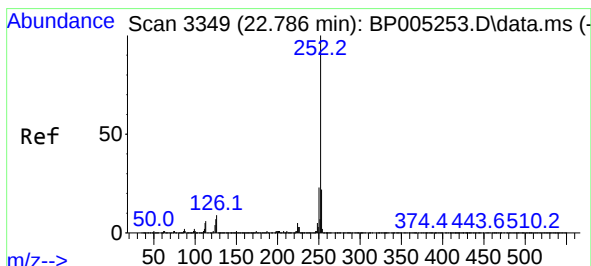
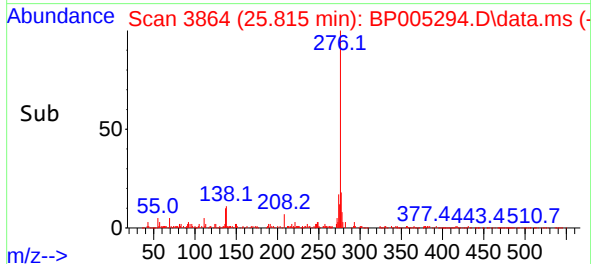
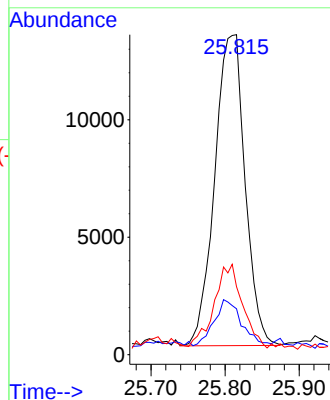
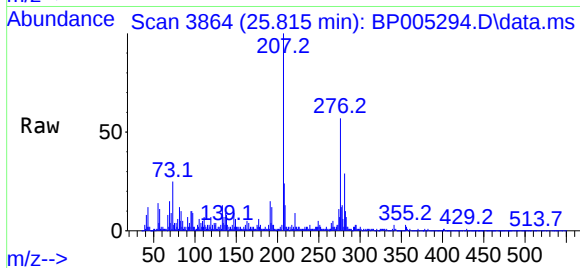
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.42 ng
RT: 25.815 min Scan# 3864
Delta R.T. 0.006 min
Lab File: BP005294.D
Acq: 13 Apr 2021 19:08

Tgt Ion:	276	Resp:	37663
Ion Ratio	Lower	Upper	
276	100		
138	13.3	18.7	28.1#
277	25.2	20.4	30.6

Instrument :
BNA_P
ClientSampleId :
FISHKILL-SP-1

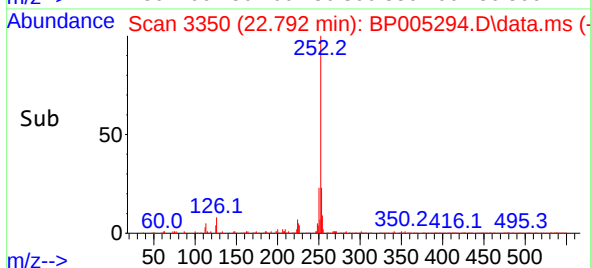
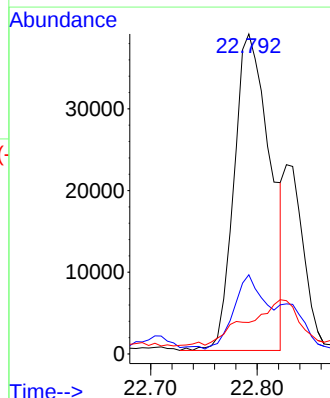
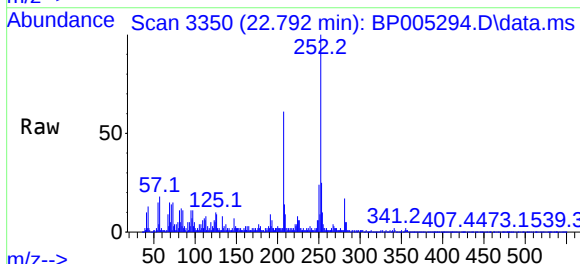
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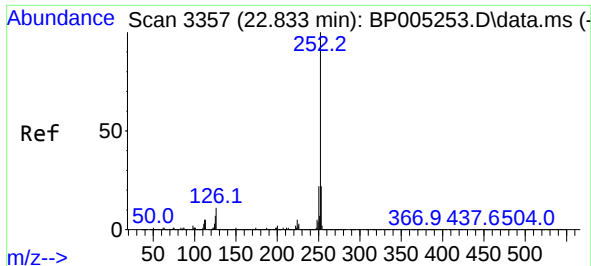
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#88
Benzo(b)fluoranthene
Concen: 6.82 ng
RT: 22.792 min Scan# 3350
Delta R.T. 0.006 min
Lab File: BP005294.D
Acq: 13 Apr 2021 19:08

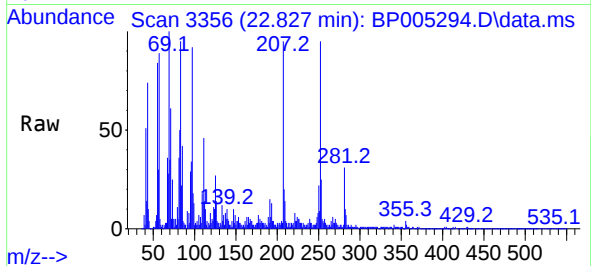
Tgt Ion:	252	Resp:	91019
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.6	26.4
125	9.8	7.3	10.9





#89
Benzo(k)fluoranthene
Concen: 2.26 ng m
RT: 22.827 min Scan# 3356
Delta R.T. -0.006 min
Lab File: BP005294.D
Acq: 13 Apr 2021 19:08

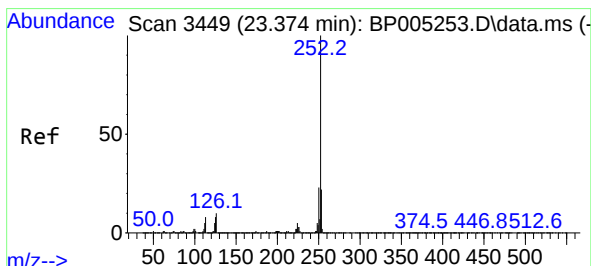
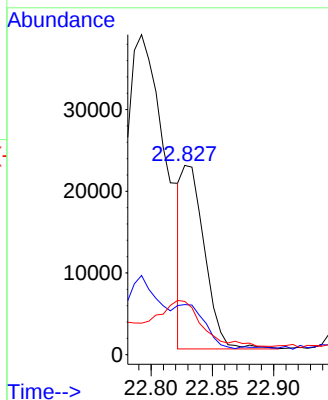
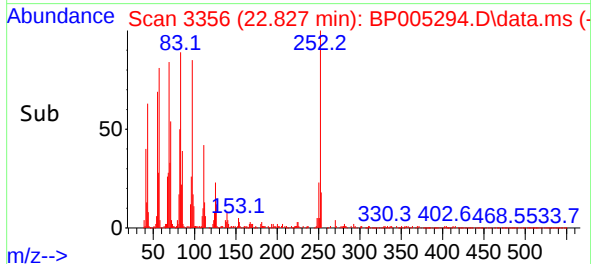
Instrument :
BNA_P
ClientSampleId :
FISHKILL-SP-1



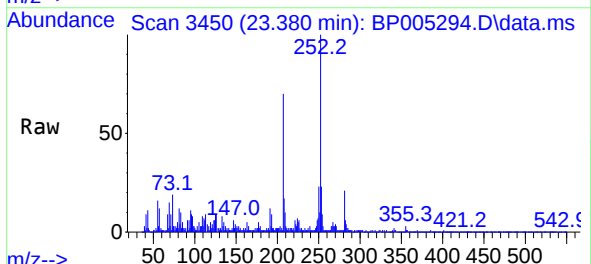
Tgt Ion:252 Resp: 28892
Ion Ratio Lower Upper
252 100
253 26.5 17.8 26.8
125 28.2 7.4 11.2#

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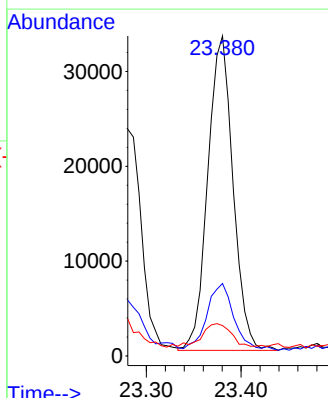
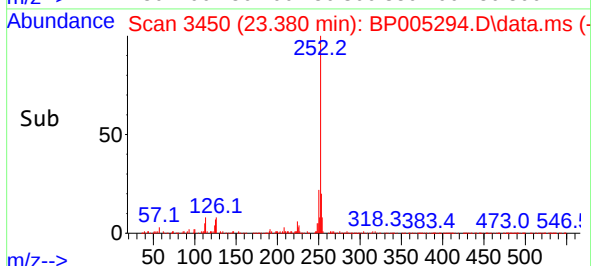
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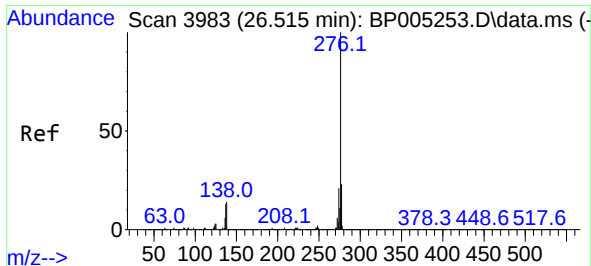


#90
Benzo(a)pyrene
Concen: 4.97 ng
RT: 23.380 min Scan# 3450
Delta R.T. 0.006 min
Lab File: BP005294.D
Acq: 13 Apr 2021 19:08



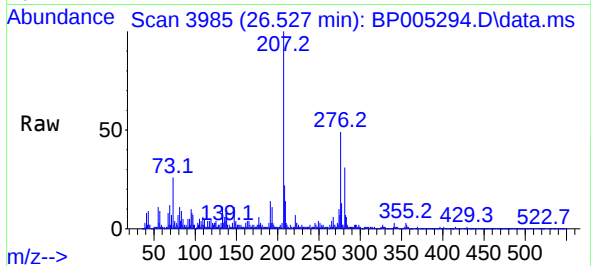
Tgt Ion:252 Resp: 61345
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 9.5 8.2 12.4





#92
Benzo(g,h,i)perylene
Concen: 2.88 ng
RT: 26.527 min Scan# 3985
Delta R.T. 0.012 min
Lab File: BP005294.D
Acq: 13 Apr 2021 19:08

Instrument :
BNA_P
ClientSampleId :
FISHKILL-SP-1



Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.0	28.6
138	18.6	16.6	24.8

Manual Integrations
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