

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005372.D
 Acq On : 22 Apr 2021 13:09
 Operator : CG/JU
 Sample : M2023-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-02-070-B

Manual Integrations
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Quant Time: Apr 22 14:59:18 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 21 17:40:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	30509	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	104591	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	72286	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	179761	20.00	ng	0.00
76) Chrysene-d12	21.168	240	241481	20.00	ng	0.00
86) Perylene-d12	23.427	264	258764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	216239	123.12	ng	0.00
7) Phenol-d6	6.834	99	282767	116.85	ng	0.00
23) Nitrobenzene-d5	8.804	82	224794	93.48	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	141729	102.50	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	388837	69.63	ng	0.00
79) Terphenyl-d14	19.645	244	861239	66.09	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.857	94	6476	2.68	ng	# 21
50) Dimethylphthalate	13.769	163	11093	2.11	ng	# 97
71) Phenanthrene	17.110	178	27440	2.86	ng	98
74) Di-n-butylphthalate	18.039	149	6835	4.64	ng	96
75) Fluoranthene	19.092	202	102119	7.76	ng	100
78) Pyrene	19.445	202	98431	7.27	ng	98
81) Benzo(a)anthracene	21.157	228	72246	4.65	ng	97
83) Chrysene	21.204	228	69022	4.46	ng	96
84) Bis(2-ethylhexyl)phtha...	21.080	149	3637	3.61	ng	96
87) Indeno(1,2,3-cd)pyrene	25.733	276	59834	3.03	ng	98
88) Benzo(b)fluoranthene	22.745	252	117866m	6.92	ng	
90) Benzo(a)pyrene	23.327	252	81756	5.26	ng	# 94
92) Benzo(g,h,i)perylene	26.445	276	60242	3.76	ng	96

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

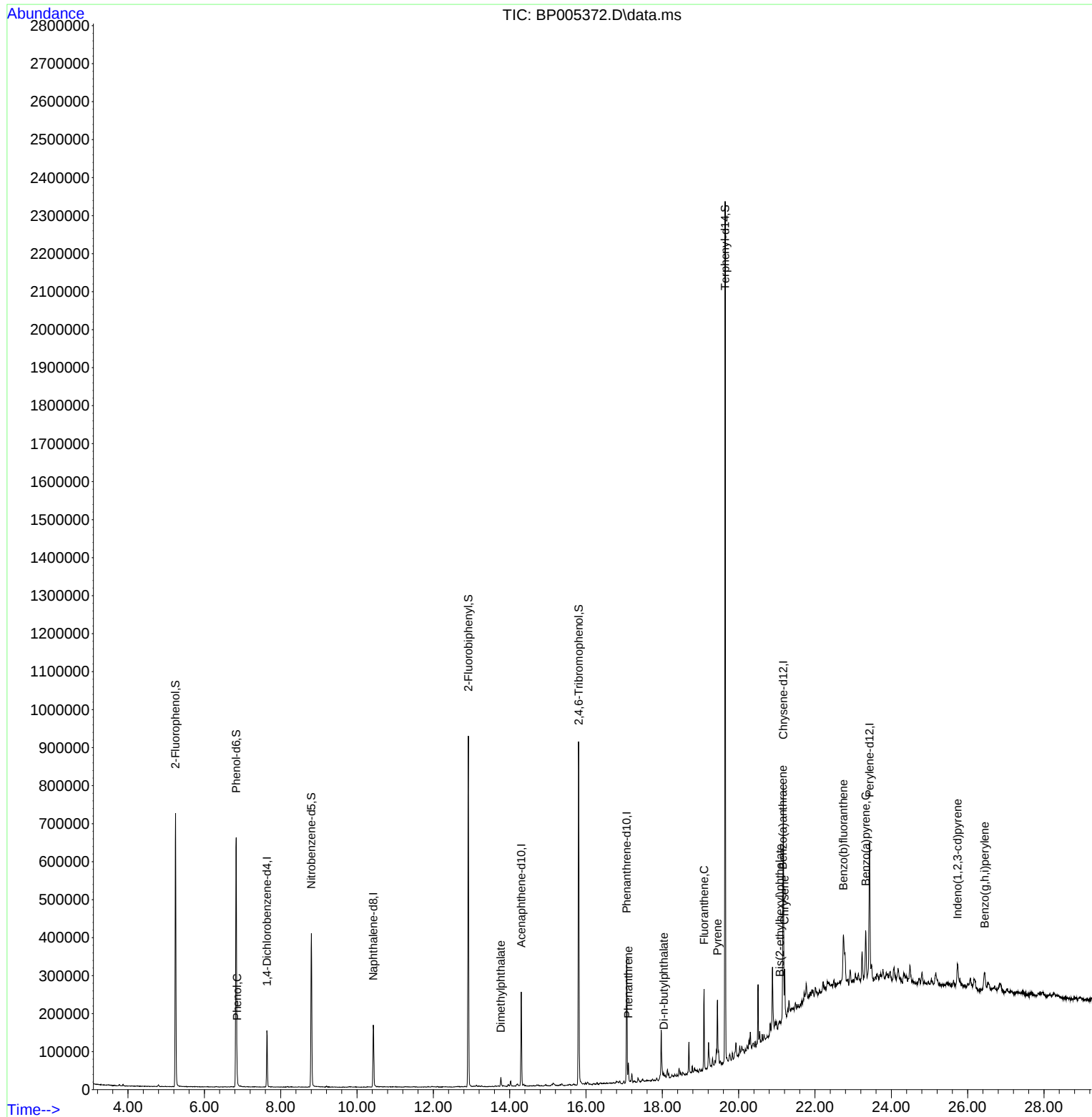
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Data File : BP005372.D
Acq On : 22 Apr 2021 13:09
Operator : CG/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

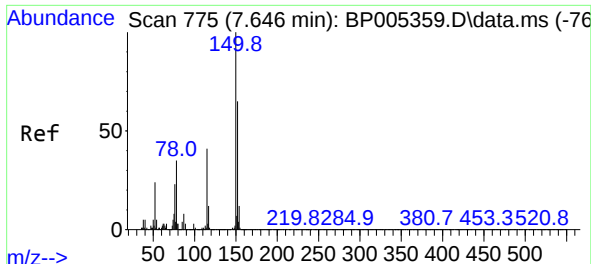
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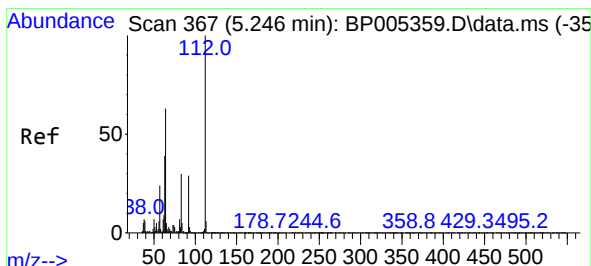
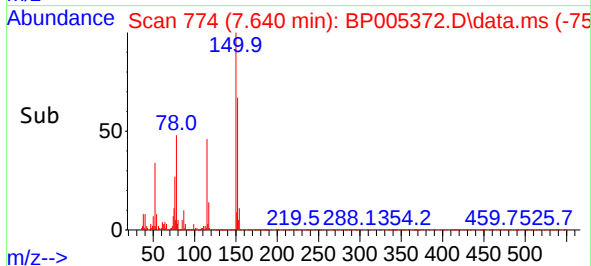
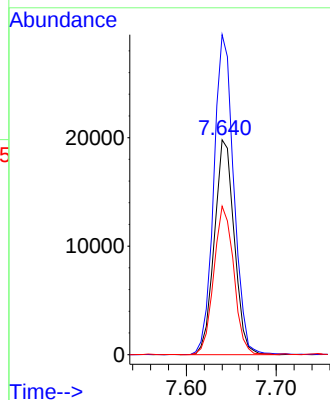
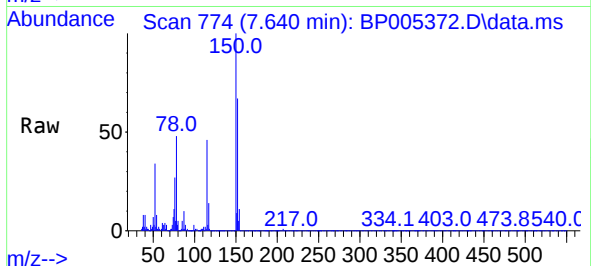
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.640 min Scan# 774
Delta R.T. -0.006 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09

Tgt Ion:152 Resp: 30509
Ion Ratio Lower Upper
152 100
150 148.9 119.8 179.8
115 69.1 49.0 73.4

Instrument :
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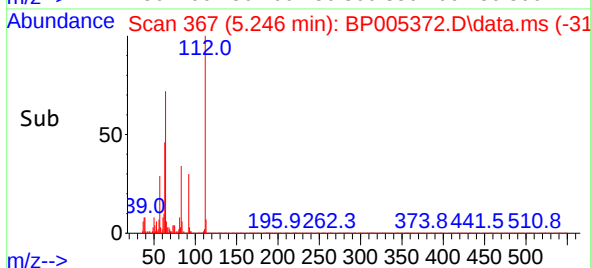
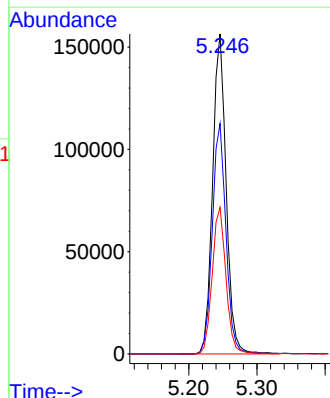
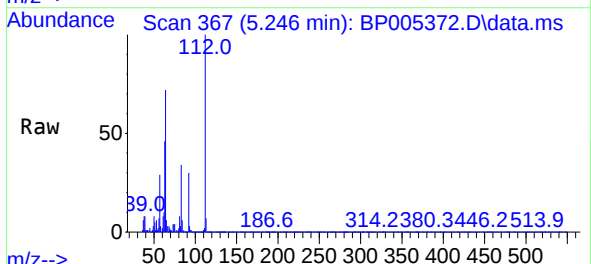
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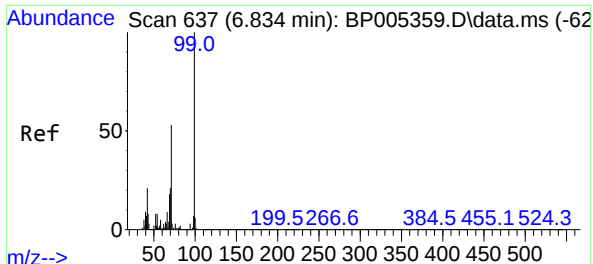
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#5
2-Fluorophenol
Concen: 123.12 ng
RT: 5.246 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09

Tgt Ion:112 Resp: 216239
Ion Ratio Lower Upper
112 100
64 72.0 33.6 50.4#
63 45.8 18.6 27.8#





#7
Phenol-d6
Concen: 116.85 ng
RT: 6.834 min Scan# 637
Delta R.T. -0.000 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09

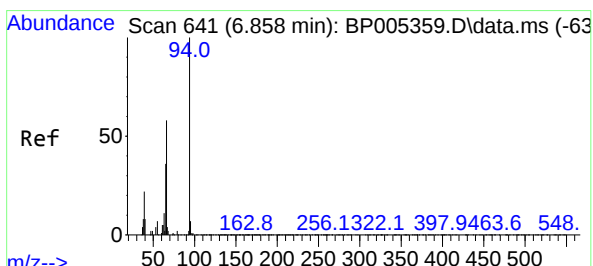
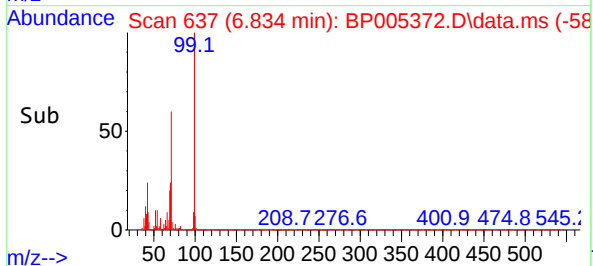
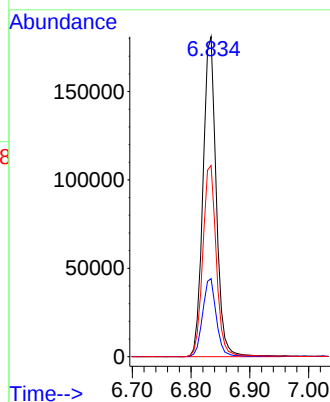
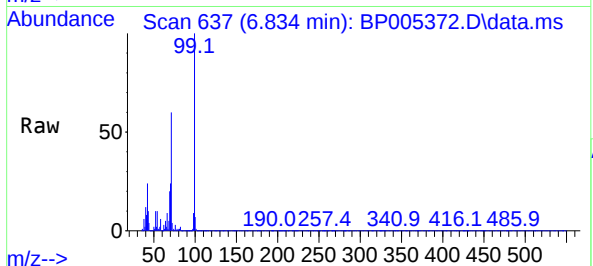
Tgt Ion: 99 Resp: 282767

Ion	Ratio	Lower	Upper
99	100		
42	24.4	12.9	19.3#
71	59.8	26.7	40.1#

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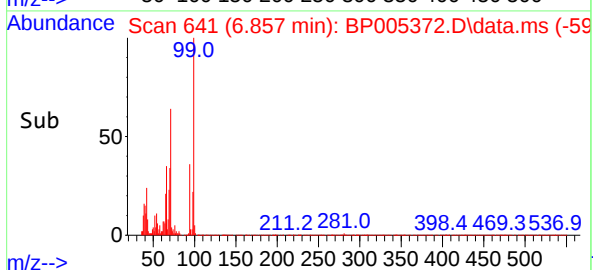
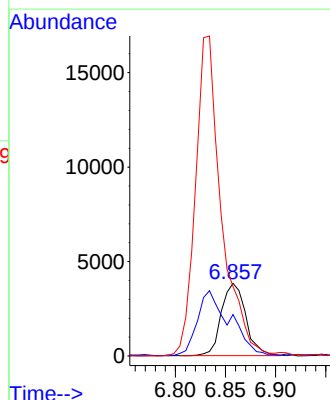
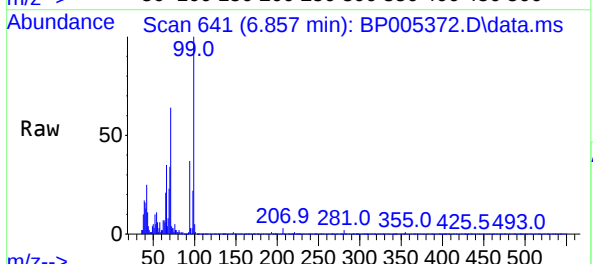
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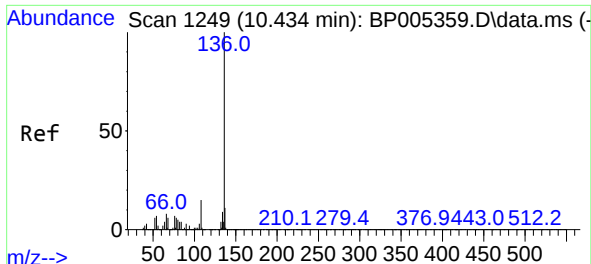


#10
Phenol
Concen: 2.68 ng
RT: 6.857 min Scan# 641
Delta R.T. -0.000 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09

Tgt Ion: 94 Resp: 6476

Ion	Ratio	Lower	Upper
94	100		
65	57.1	8.0	48.0#
66	95.7	17.3	57.3#





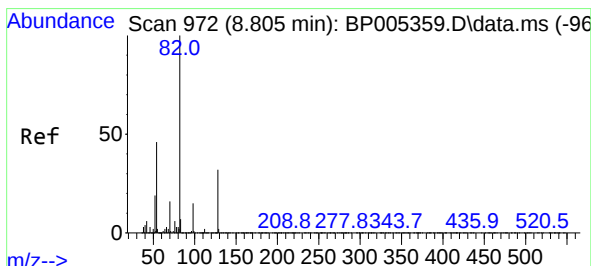
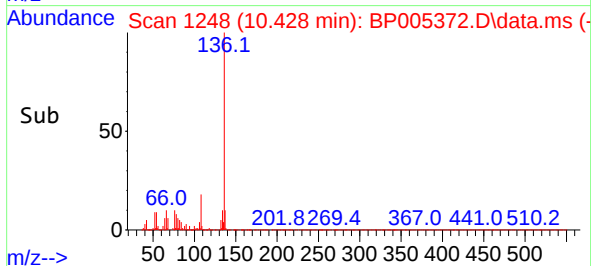
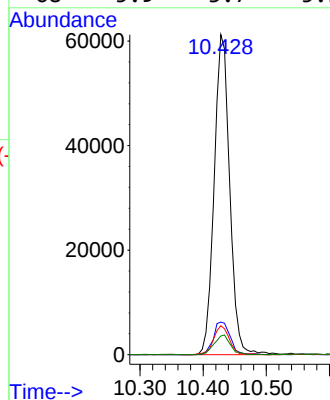
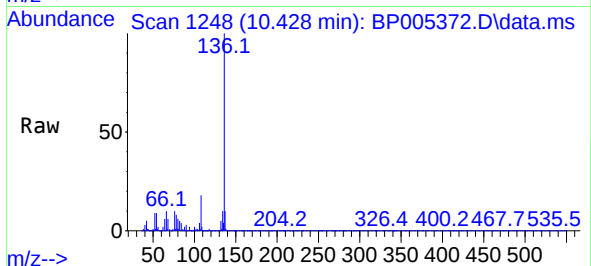
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09

Tgt Ion:	136	Resp:	104591
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	9.1	5.0	7.4#
68	5.9	3.7	5.5#

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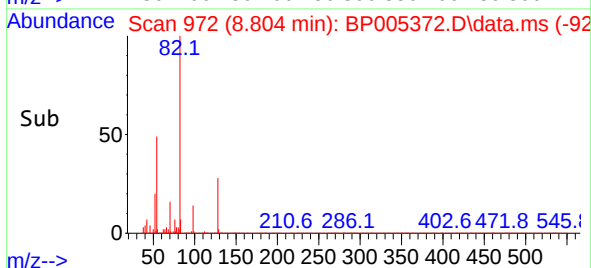
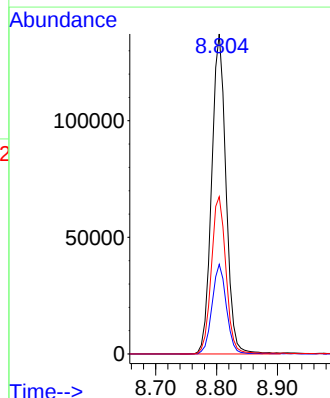
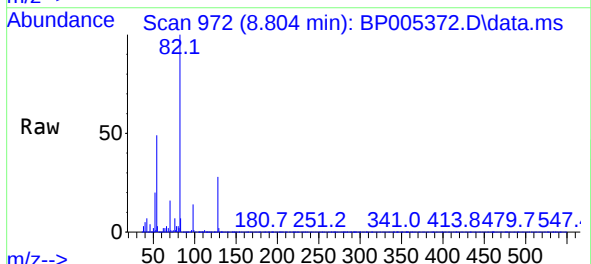
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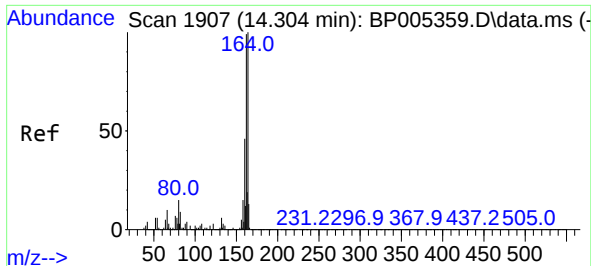
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#23
Nitrobenzene-d5
Concen: 93.48 ng
RT: 8.804 min Scan# 972
Delta R.T. -0.001 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09

Tgt Ion:	82	Resp:	224794
Ion	Ratio	Lower	Upper
82	100		
128	28.0	30.5	45.7#
54	49.2	33.9	50.9





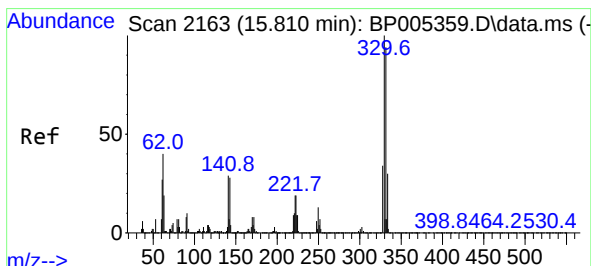
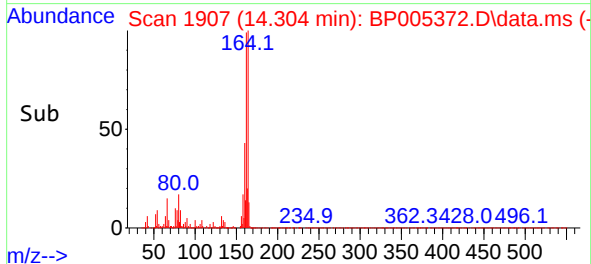
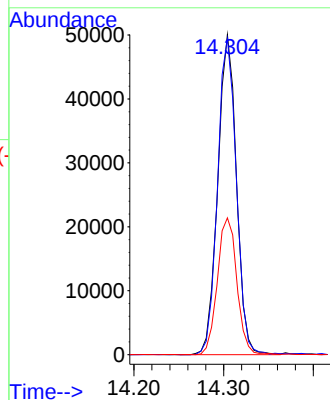
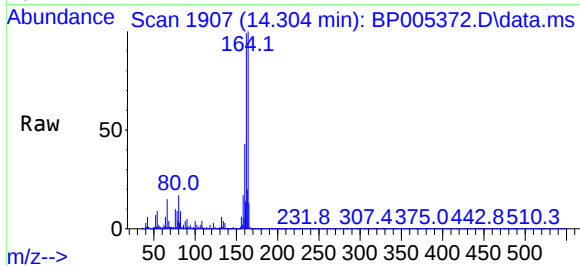
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09

Tgt Ion:164 Resp: 72286
Ion Ratio Lower Upper
164 100
162 98.8 73.5 110.3
160 42.8 40.6 61.0

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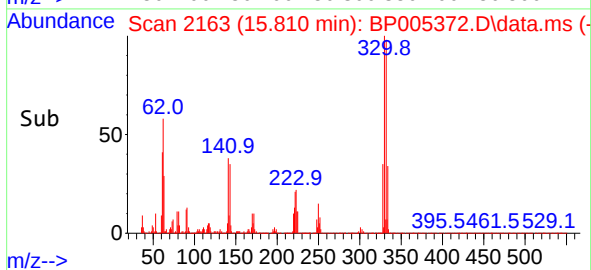
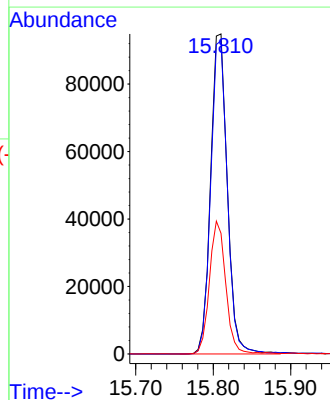
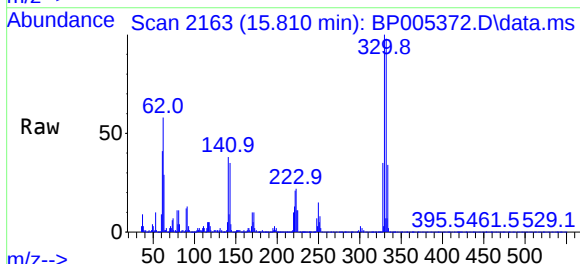
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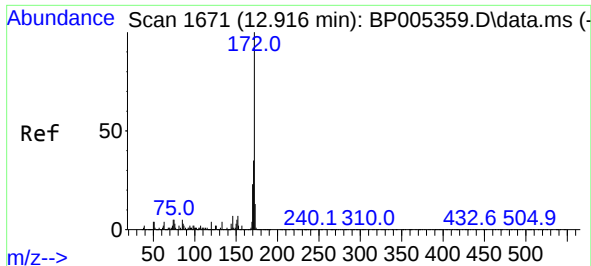
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#42
2,4,6-Tribromophenol
Concen: 102.50 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09

Tgt Ion:330 Resp: 141729
Ion Ratio Lower Upper
330 100
332 97.3 76.3 114.5
141 40.8 22.8 34.2#





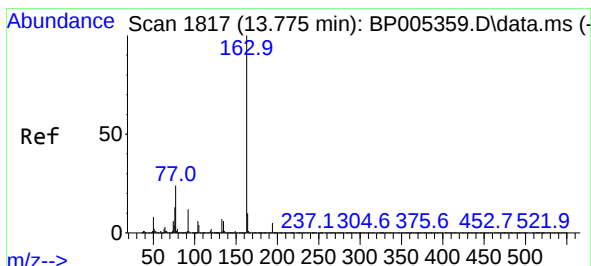
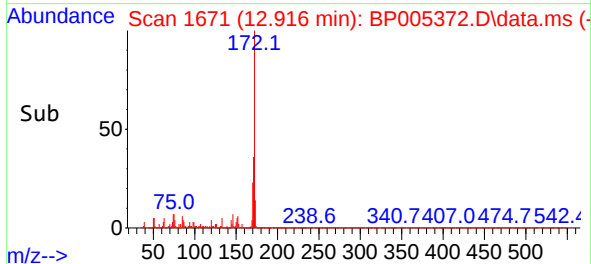
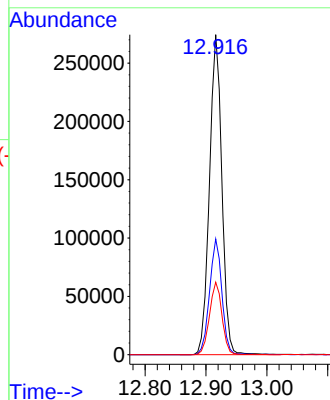
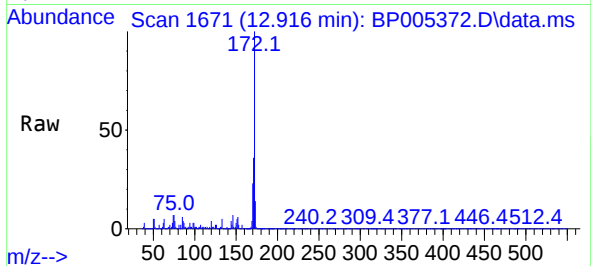
#45
2-Fluorobiphenyl
Concen: 69.63 ng
RT: 12.916 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09

Tgt Ion:172 Resp: 388837
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 22.6 19.6 29.4

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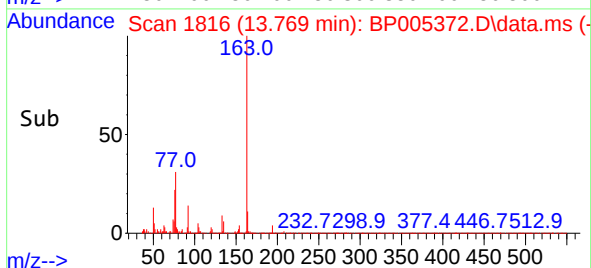
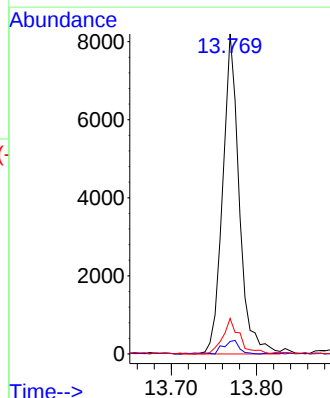
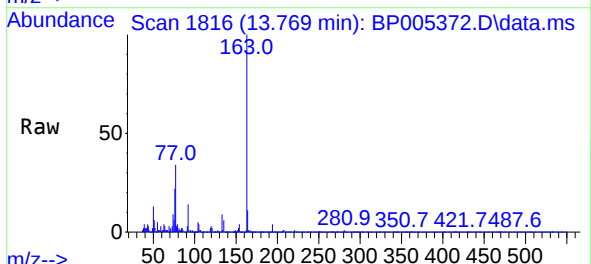
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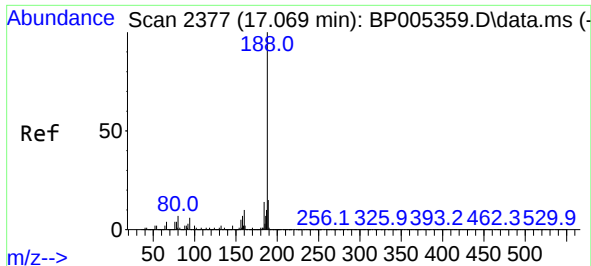
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#50
Dimethylphthalate
Concen: 2.11 ng
RT: 13.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BP005372.D
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Tgt Ion:163 Resp: 11093
Ion Ratio Lower Upper
163 100
194 3.9 3.9 5.9#
164 11.1 8.1 12.1





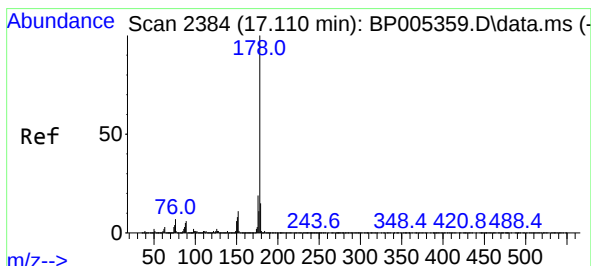
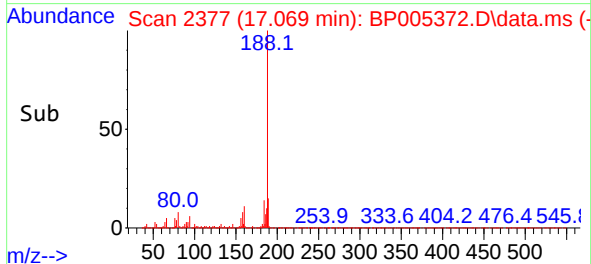
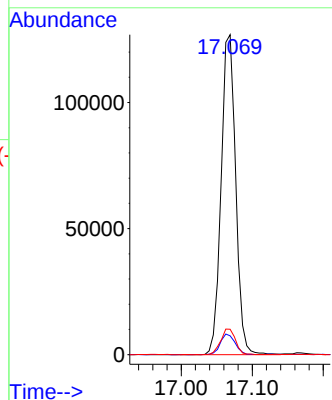
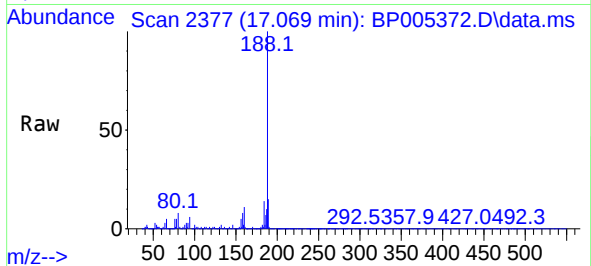
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09

Tgt Ion:	188	Resp:	179761
Ion Ratio	Lower	Upper	
188	100		
94	5.9	5.0	7.6
80	7.9	5.9	8.9

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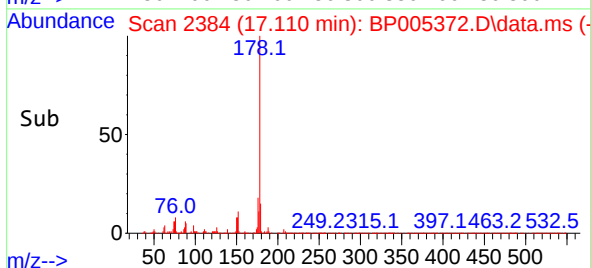
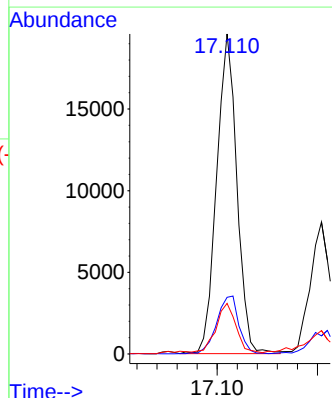
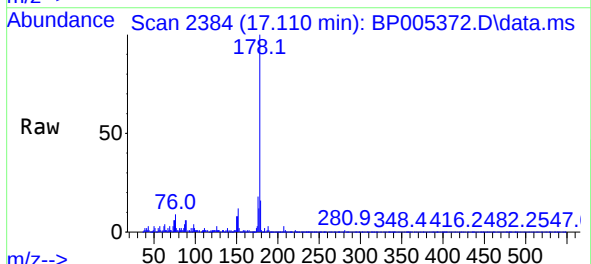
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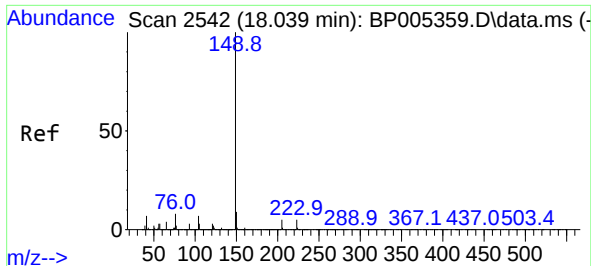
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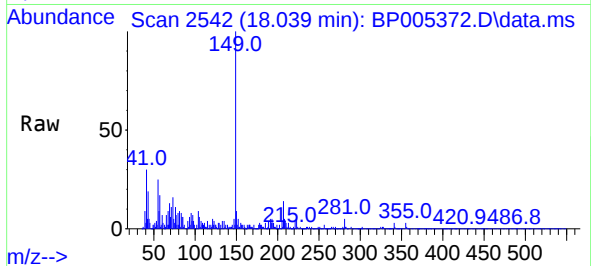
#71
Phenanthrene
Concen: 2.86 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.000 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09

Tgt Ion:	178	Resp:	27440
Ion Ratio	Lower	Upper	
178	100		
176	17.7	15.4	23.2
179	15.8	12.3	18.5

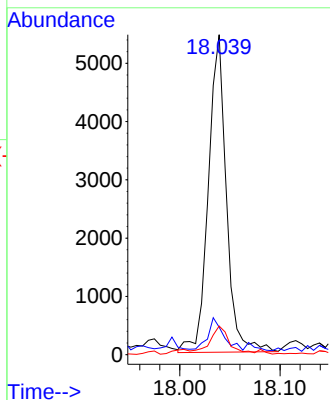
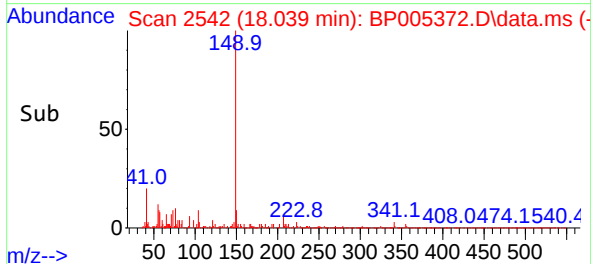




#74
Di-n-butylphthalate
Concen: 4.64 ng
RT: 18.039 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09



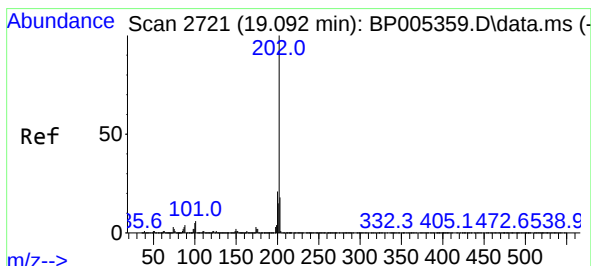
Tgt Ion:149 Resp: 6835
Ion Ratio Lower Upper
149 100
150 8.6 7.6 11.4
104 9.0 8.9 13.3



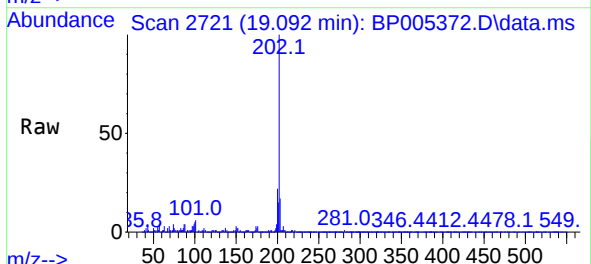
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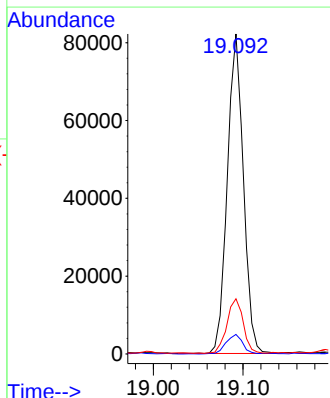
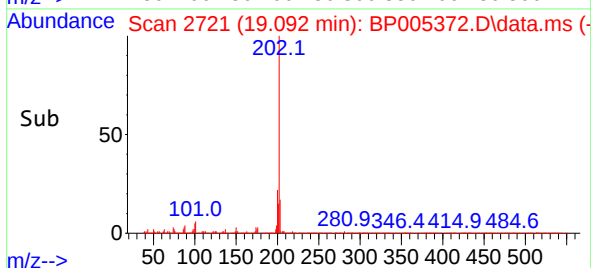
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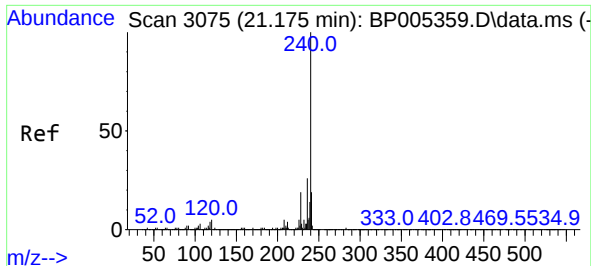


#75
Fluoranthene
Concen: 7.76 ng
RT: 19.092 min Scan# 2721
Delta R.T. -0.000 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09



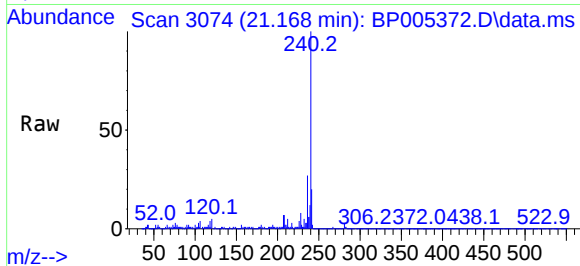
Tgt Ion:202 Resp: 102119
Ion Ratio Lower Upper
202 100
101 6.1 0.0 26.1
203 17.2 0.0 37.2





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.168 min Scan# 3074
Delta R.T. -0.007 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09

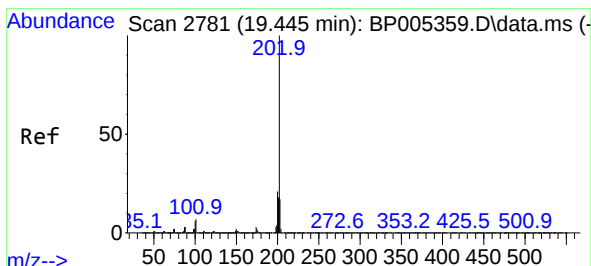
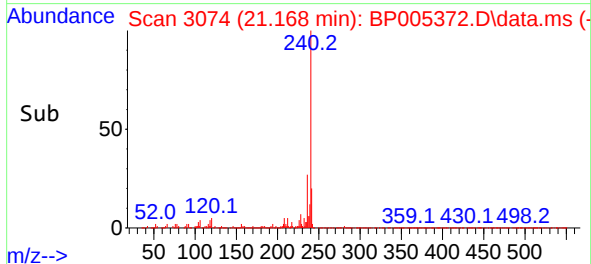
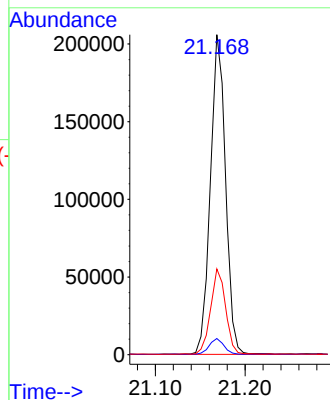
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-070-B



Tgt Ion:240 Resp: 241481
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.2
236 26.8 20.2 30.2

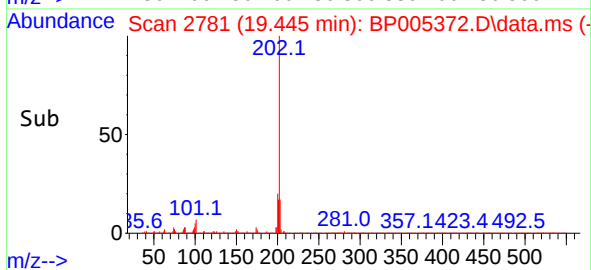
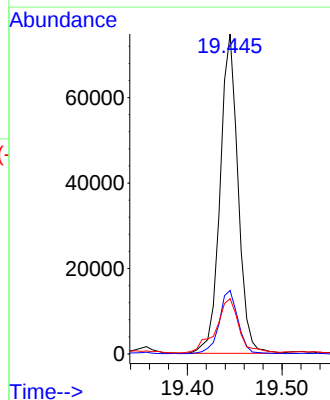
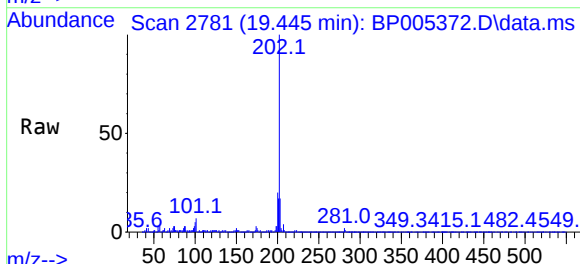
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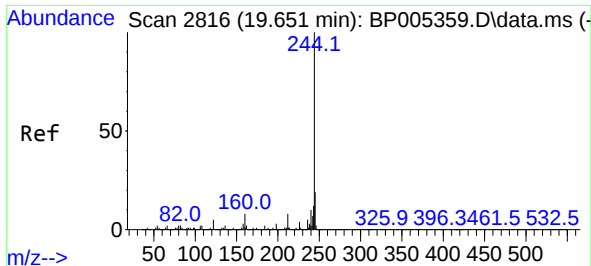
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#78
Pyrene
Concen: 7.27 ng
RT: 19.445 min Scan# 2781
Delta R.T. -0.000 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09

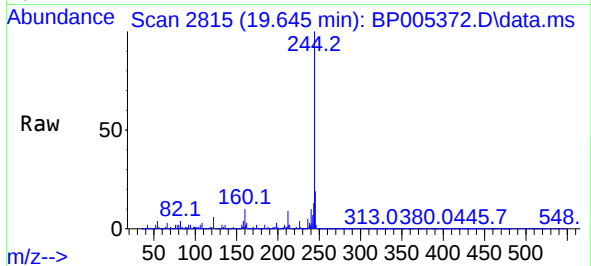
Tgt Ion:202 Resp: 98431
Ion Ratio Lower Upper
202 100
200 19.9 16.9 25.3
203 17.3 13.8 20.6





#79
Terphenyl-d14
Concen: 66.09 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09

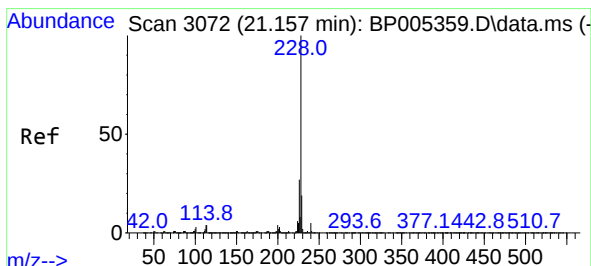
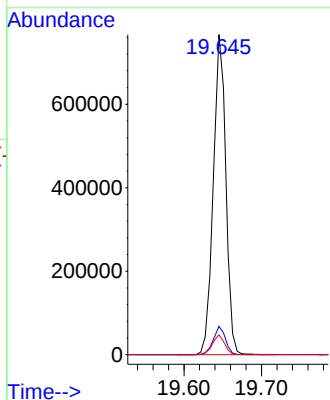
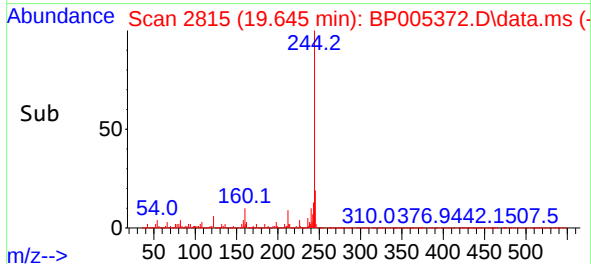
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-070-B



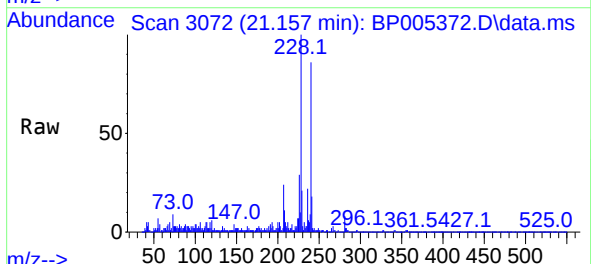
Tgt Ion:244 Resp: 861239
Ion Ratio Lower Upper
244 100
212 8.8 5.8 8.6#
122 6.2 5.2 7.8

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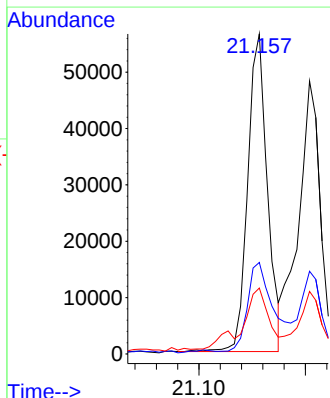
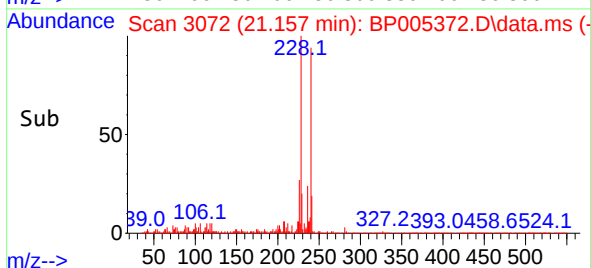
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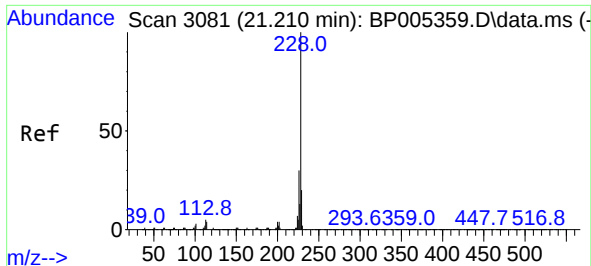


#81
Benzo(a)anthracene
Concen: 4.65 ng
RT: 21.157 min Scan# 3072
Delta R.T. -0.000 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09



Tgt Ion:228 Resp: 72246
Ion Ratio Lower Upper
228 100
226 28.6 21.2 31.8
229 20.6 15.6 23.4





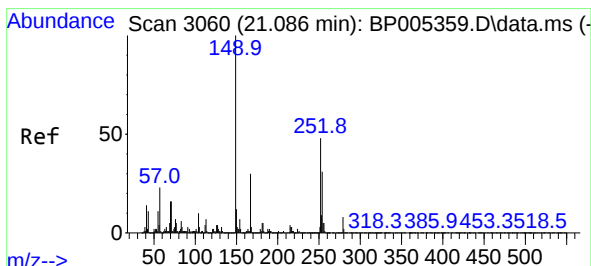
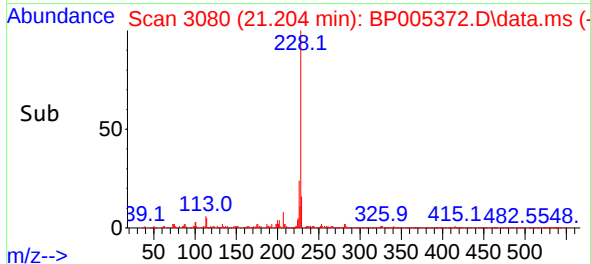
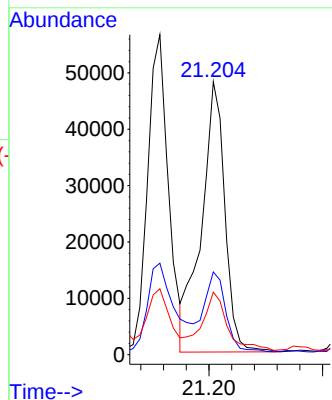
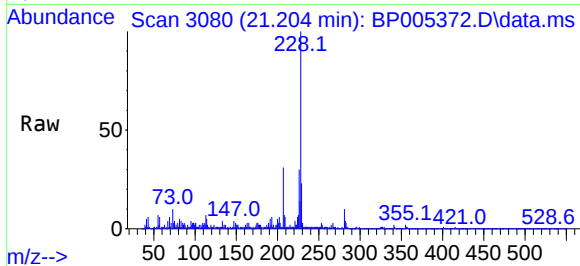
#83
Chrysene
Concen: 4.46 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09

Tgt Ion:	228	Resp:	69022
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.8	37.2
229	22.9	15.4	23.0

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-070-B

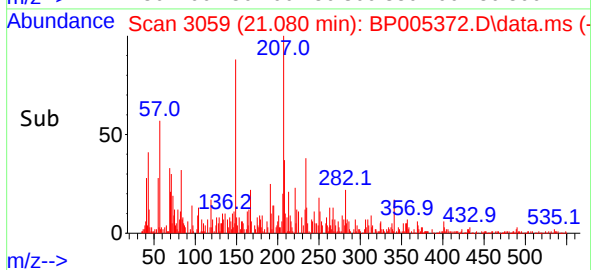
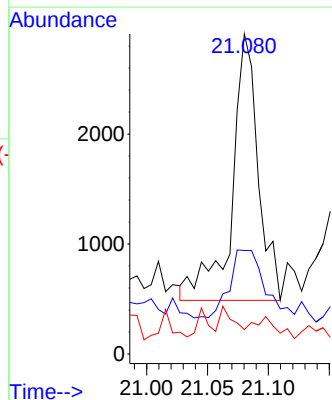
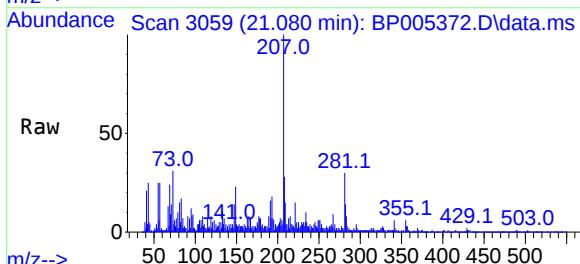
Manual Integrations
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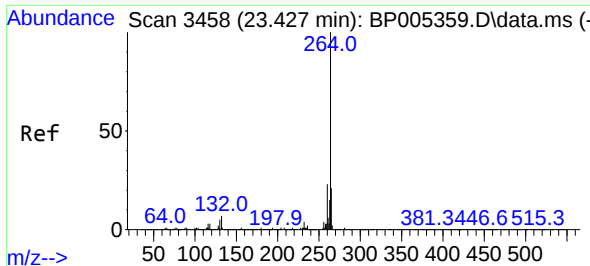
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.61 ng
RT: 21.080 min Scan# 3059
Delta R.T. -0.006 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09

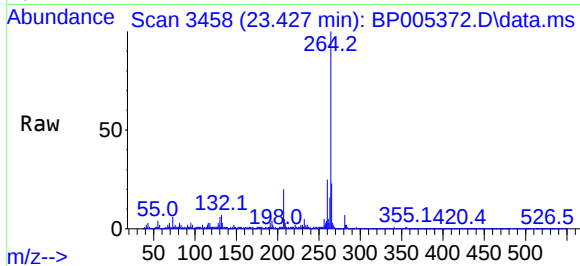
Tgt Ion:	149	Resp:	3637
Ion Ratio	Lower	Upper	
149	100		
167	32.4	23.8	35.8
279	7.7	5.7	8.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.427 min Scan# 3458
Delta R.T. -0.000 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09

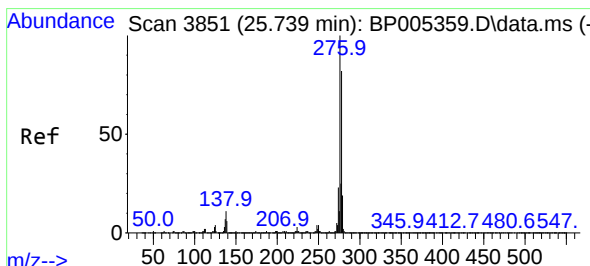
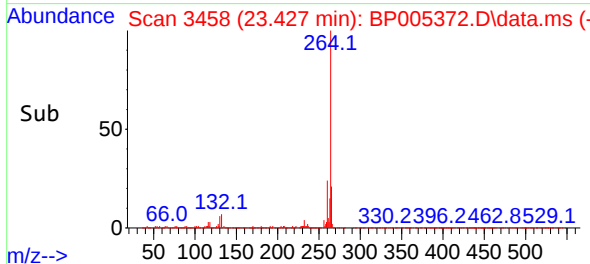
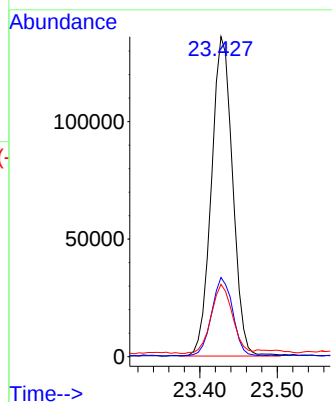
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-070-B



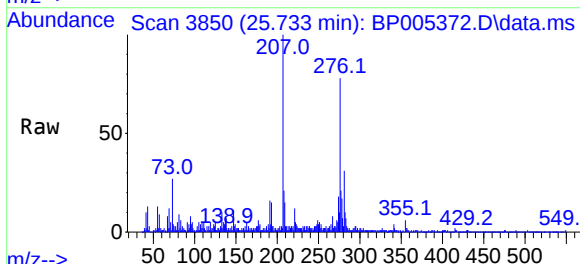
Tgt Ion: 264 Resp: 258764
Ion Ratio Lower Upper
264 100
260 24.8 20.6 30.8
265 22.6 19.0 28.6

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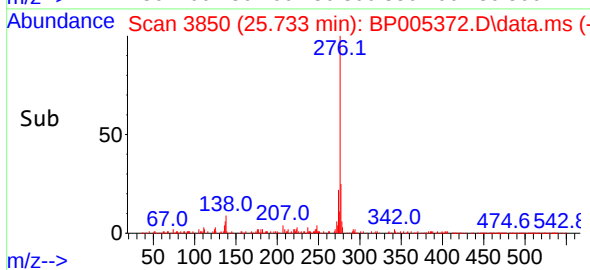
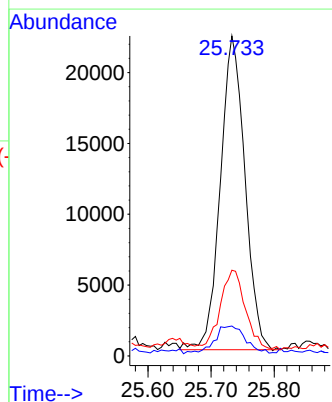
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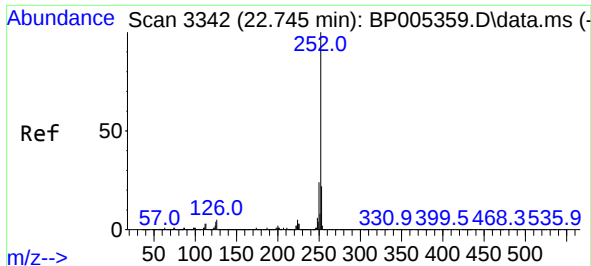


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.03 ng
RT: 25.733 min Scan# 3850
Delta R.T. -0.006 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09



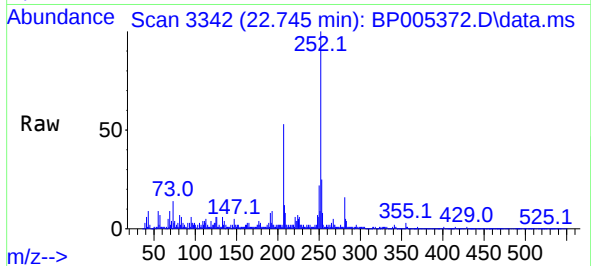
Tgt Ion: 276 Resp: 59834
Ion Ratio Lower Upper
276 100
138 10.2 8.4 12.6
277 24.7 20.6 31.0





#88
Benzo(b)fluoranthene
Concen: 6.92 ng m
RT: 22.745 min Scan# 3342
Delta R.T. -0.000 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09

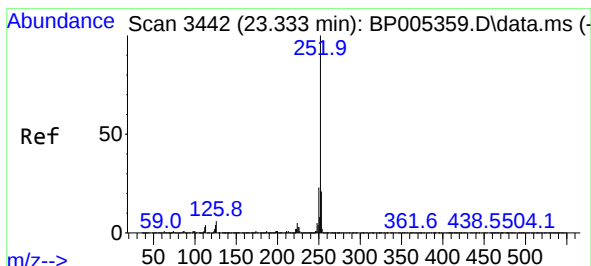
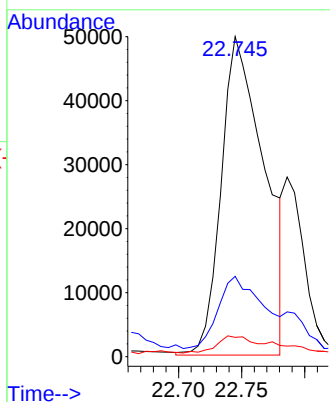
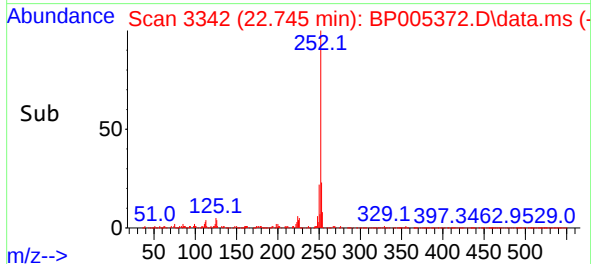
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-070-B



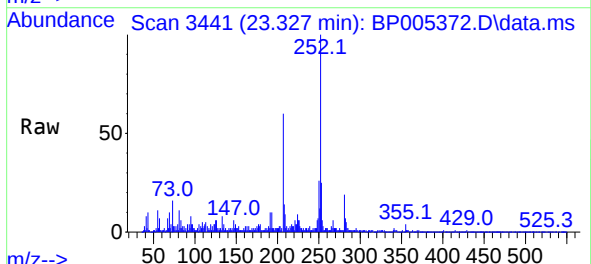
Tgt Ion:252 Resp: 117866
Ion Ratio Lower Upper
252 100
253 25.1 18.2 27.2
125 6.0 3.4 5.0#

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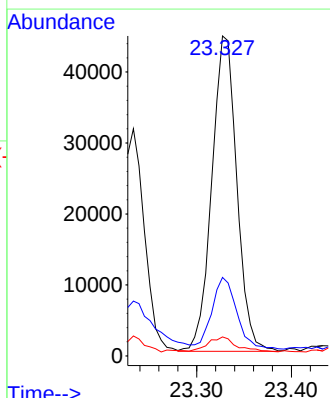
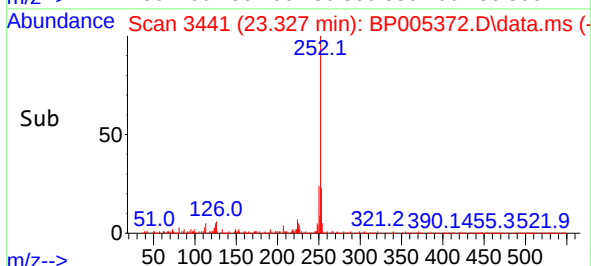
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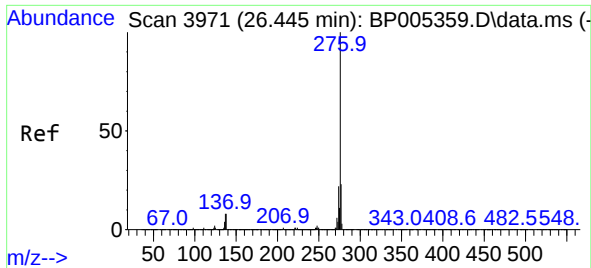


#90
Benzo(a)pyrene
Concen: 5.26 ng
RT: 23.327 min Scan# 3441
Delta R.T. -0.006 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09



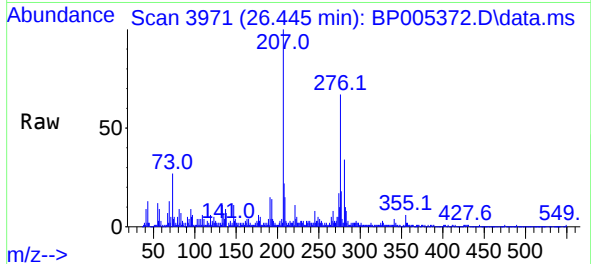
Tgt Ion:252 Resp: 81756
Ion Ratio Lower Upper
252 100
253 24.5 17.1 25.7
125 5.9 3.8 5.6#





#92
Benzo(g,h,i)perylene
Concen: 3.76 ng
RT: 26.445 min Scan# 3971
Delta R.T. -0.000 min
Lab File: BP005372.D
Acq: 22 Apr 2021 13:09

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-070-B



Tgt Ion: 276 Resp: 60242

Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.8	29.8
138	10.4	7.7	11.5

Manual Integrations
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