

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005373.D
 Acq On : 22 Apr 2021 13:43
 Operator : CG/JU
 Sample : M2023-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Apr 22 14:59:44 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)

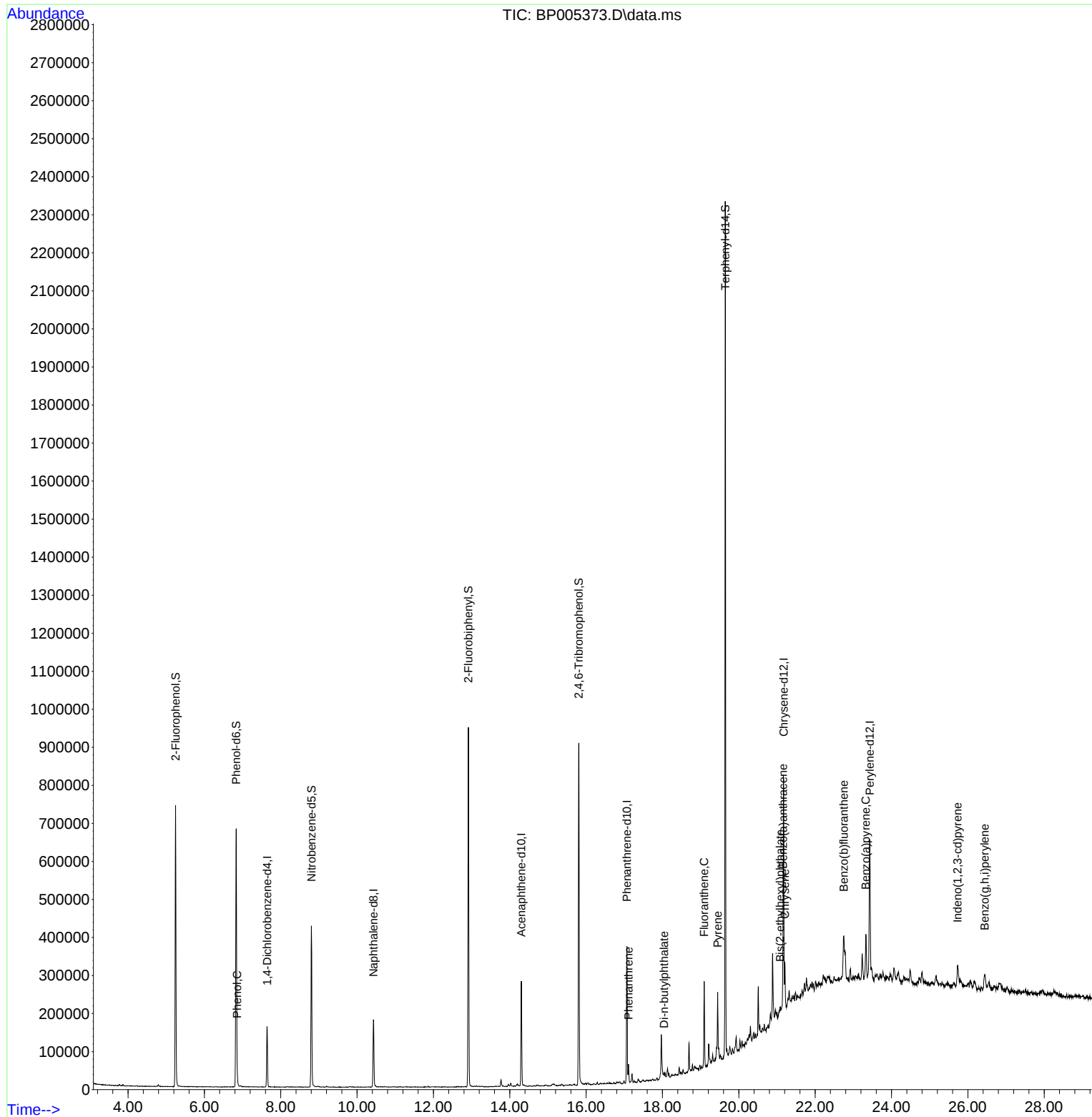
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	31931	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	113984	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	79028	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	193733	20.00	ng	0.00
76) Chrysene-d12	21.175	240	252461	20.00	ng	0.00
86) Perylene-d12	23.427	264	261575	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	222010	120.78	ng	0.00
7) Phenol-d6	6.834	99	285576	112.76	ng	0.00
23) Nitrobenzene-d5	8.805	82	231718	88.42	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	143478	94.91	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	401007	65.68	ng	0.00
79) Terphenyl-d14	19.645	244	856023	62.83	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.858	94	7129	2.82	ng	# 12
71) Phenanthrene	17.110	178	26175	2.54	ng	99
74) Di-n-butylphthalate	18.039	149	5959	4.51	ng	97
75) Fluoranthene	19.092	202	111570	7.87	ng	99
78) Pyrene	19.445	202	99356	7.02	ng	97
81) Benzo(a)anthracene	21.157	228	76451	4.71	ng	96
83) Chrysene	21.210	228	65423	4.04	ng	97
84) Bis(2-ethylhexyl)phtha...	21.080	149	4242	3.68	ng	# 95
87) Indeno(1,2,3-cd)pyrene	25.727	276	53952	2.70	ng	94
88) Benzo(b)fluoranthene	22.751	252	106005	6.16	ng	# 97
90) Benzo(a)pyrene	23.327	252	72103	4.59	ng	# 91
92) Benzo(g,h,i)perylene	26.445	276	50306	3.10	ng	97

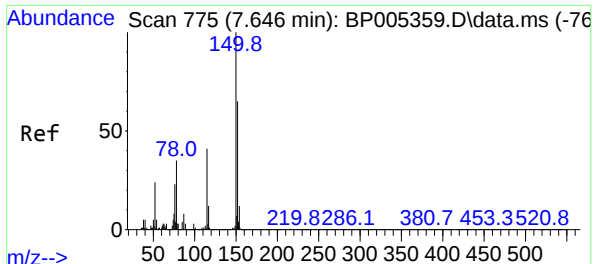
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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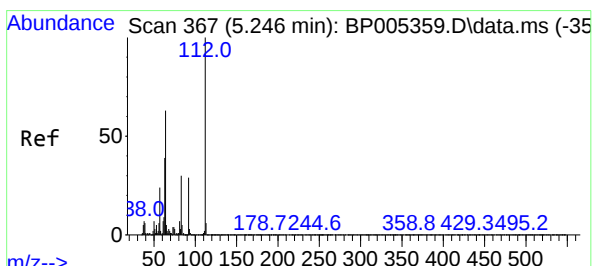
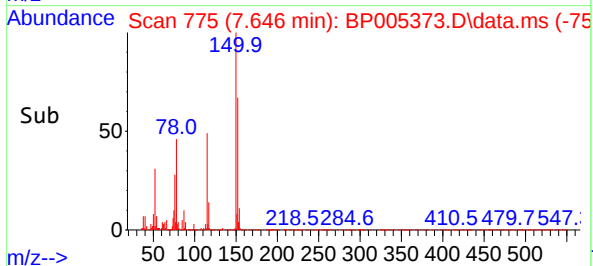
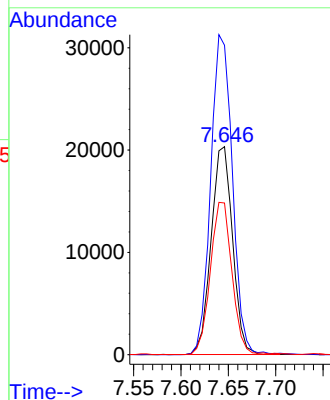
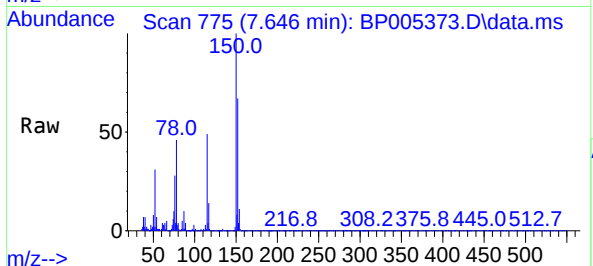




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.646 min Scan# 775
Delta R.T. -0.000 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

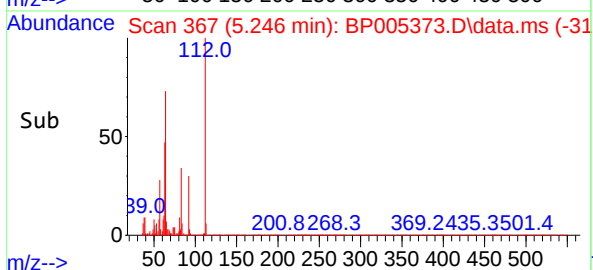
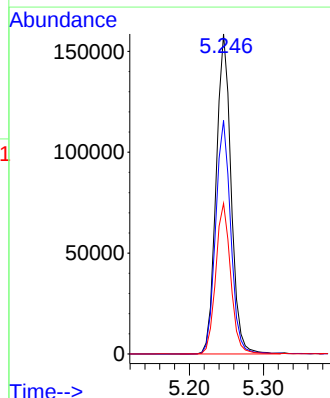
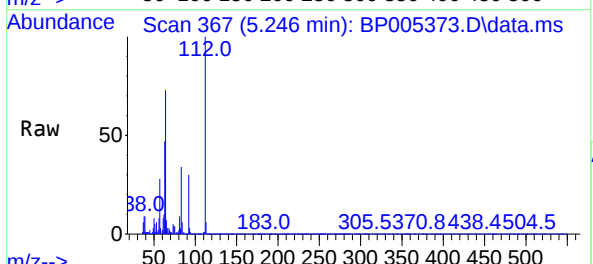
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BNA_P
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FK-GF-02-070-A

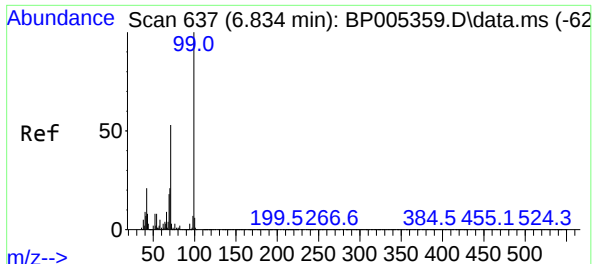
Tgt Ion:152 Resp: 31931
Ion Ratio Lower Upper
152 100
150 148.7 119.8 179.8
115 72.9 49.0 73.4



#5
2-Fluorophenol
Concen: 120.78 ng
RT: 5.246 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

Tgt Ion:112 Resp: 222010
Ion Ratio Lower Upper
112 100
64 72.9 33.6 50.4#
63 47.1 18.6 27.8#

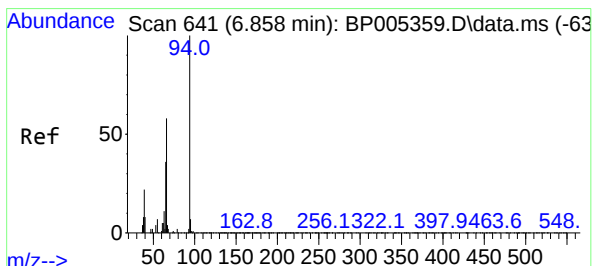
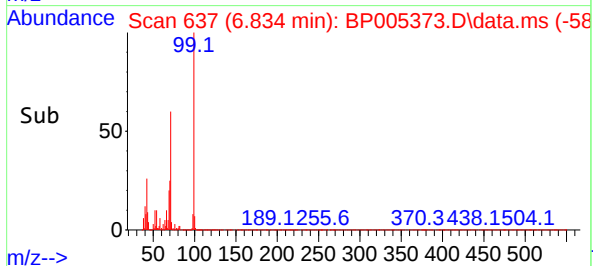
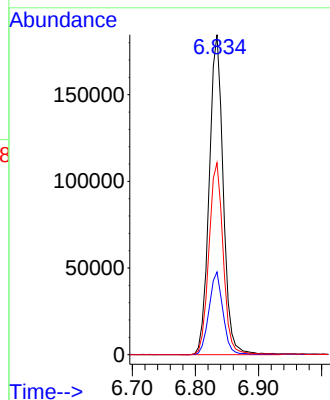
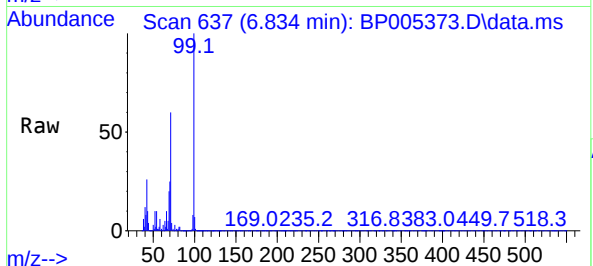




#7
Phenol-d6
Concen: 112.76 ng
RT: 6.834 min Scan# 637
Delta R.T. 0.000 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

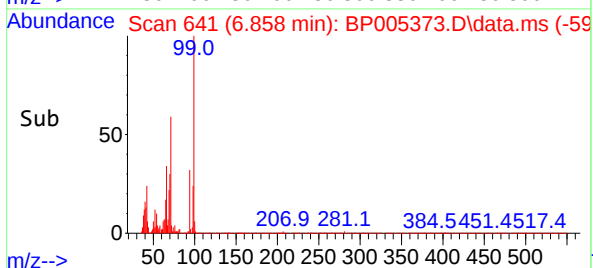
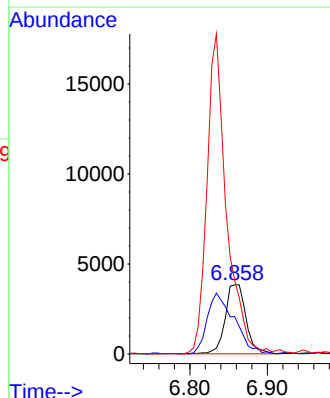
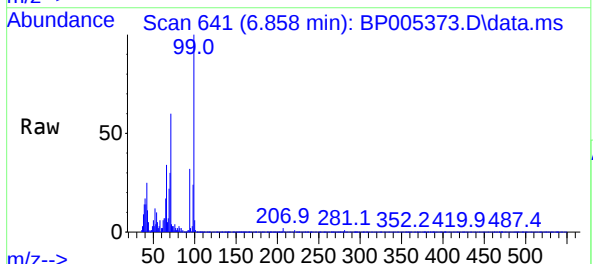
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-070-A

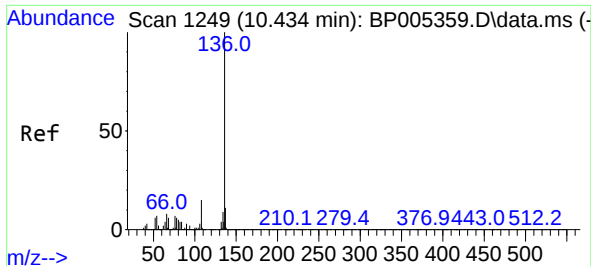
Tgt Ion: 99 Resp: 285576
Ion Ratio Lower Upper
99 100
42 25.8 12.9 19.3#
71 59.9 26.7 40.1#



#10
Phenol
Concen: 2.82 ng
RT: 6.858 min Scan# 641
Delta R.T. 0.000 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

Tgt Ion: 94 Resp: 7129
Ion Ratio Lower Upper
94 100
65 54.1 8.0 48.0#
66 107.2 17.3 57.3#

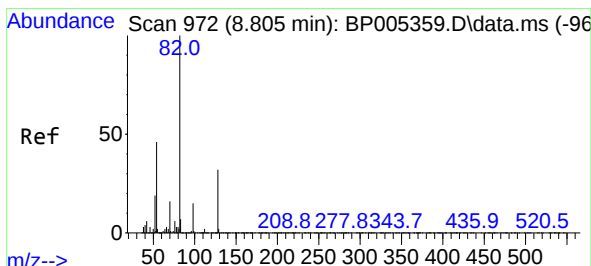
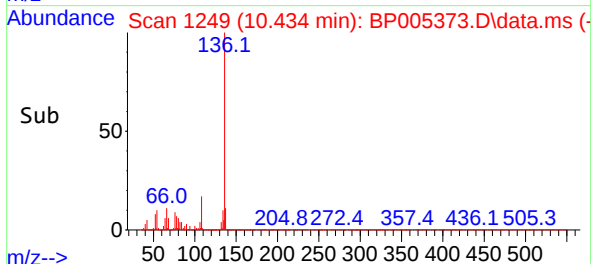
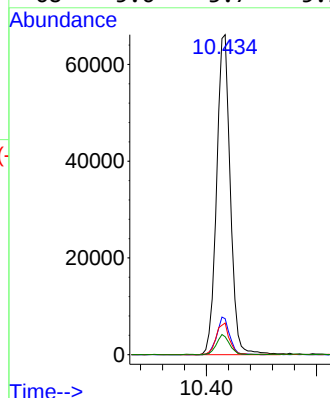
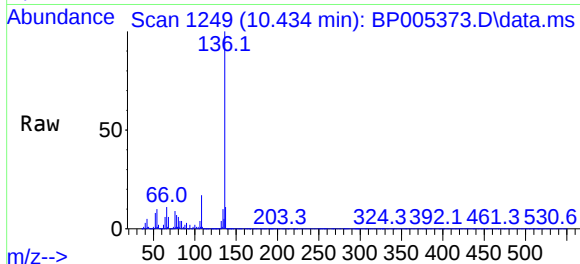




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

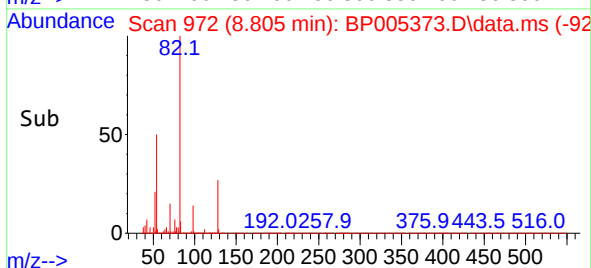
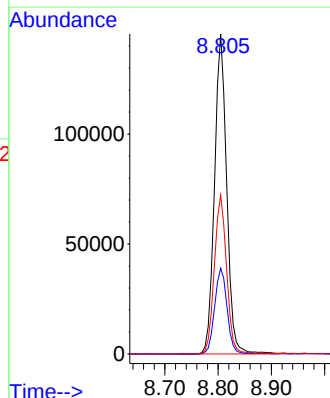
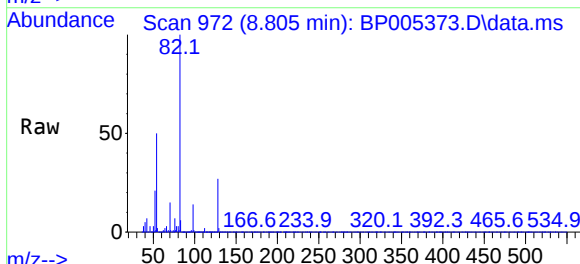
Instrument :
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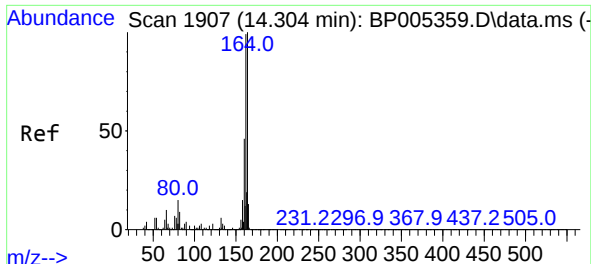
Tgt Ion:	136	Resp:	113984
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.9	5.0	7.4#
68	5.6	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 88.42 ng
RT: 8.805 min Scan# 972
Delta R.T. -0.000 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

Tgt Ion:	82	Resp:	231718
Ion	Ratio	Lower	Upper
82	100		
128	26.8	30.5	45.7#
54	49.6	33.9	50.9

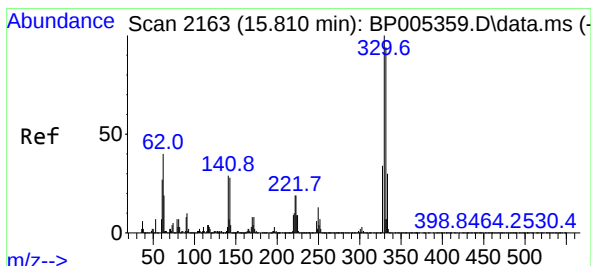
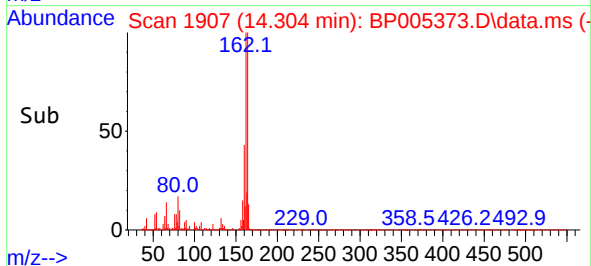
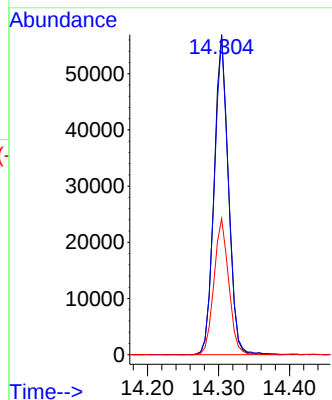
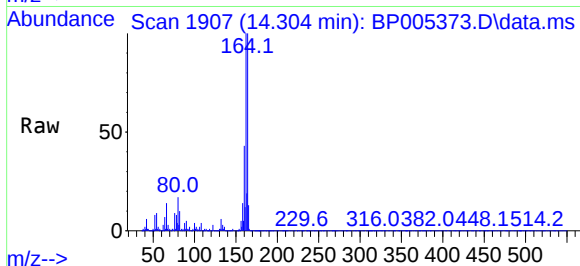




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

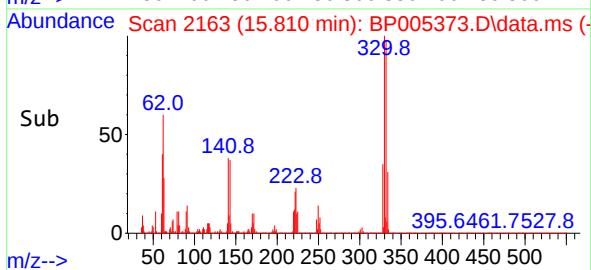
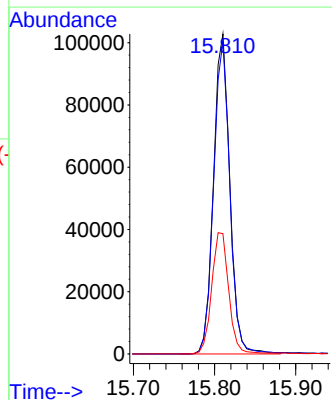
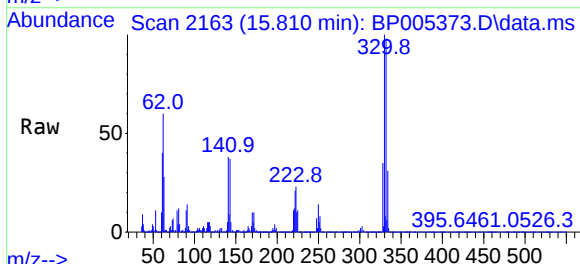
Instrument :
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ClientSampleId :
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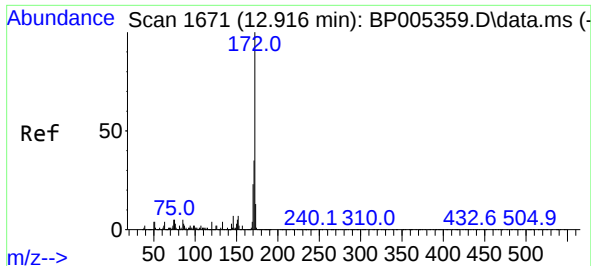
Tgt Ion:164 Resp: 79028
Ion Ratio Lower Upper
164 100
162 99.6 73.5 110.3
160 42.5 40.6 61.0



#42
2,4,6-Tribromophenol
Concen: 94.91 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

Tgt Ion:330 Resp: 143478
Ion Ratio Lower Upper
330 100
332 97.7 76.3 114.5
141 39.8 22.8 34.2#

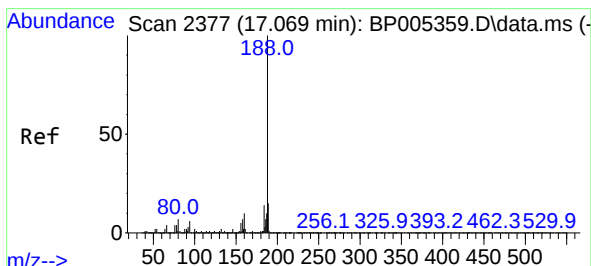
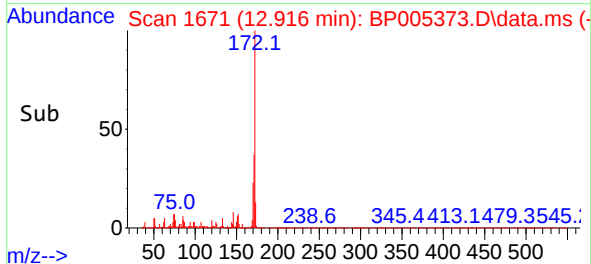
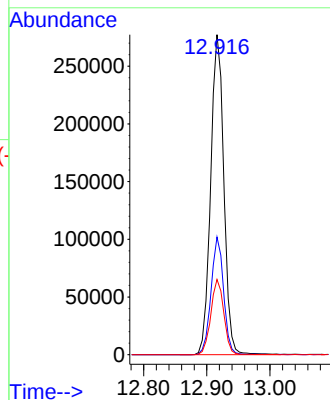
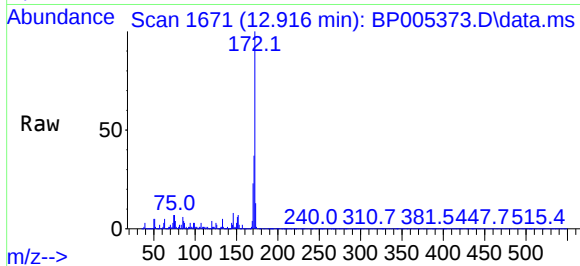




#45
2-Fluorobiphenyl
Concen: 65.68 ng
RT: 12.916 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

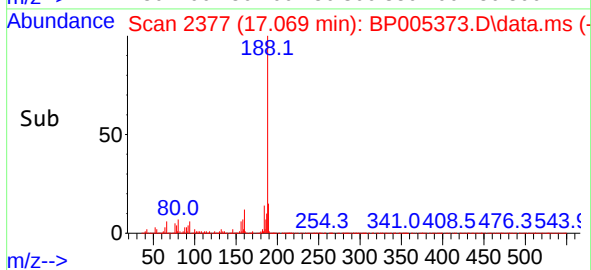
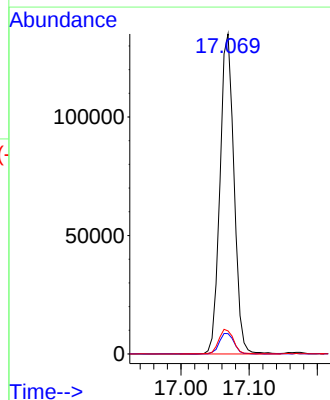
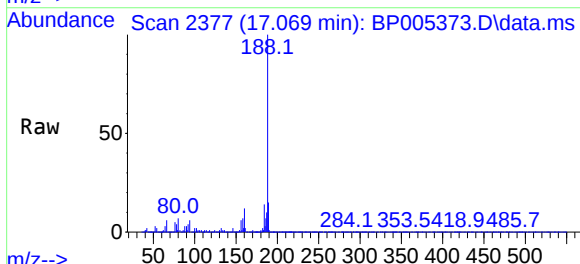
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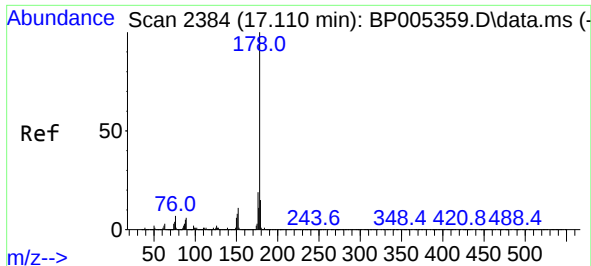
Tgt Ion:	172	Resp:	401007
Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.1	42.1
170	23.5	19.6	29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

Tgt Ion:	188	Resp:	193733
Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.0	7.6
80	7.2	5.9	8.9

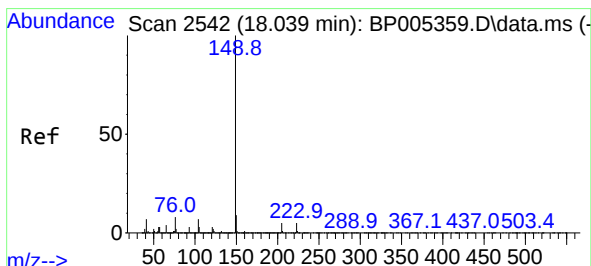
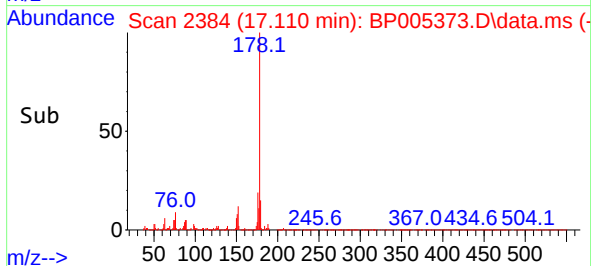
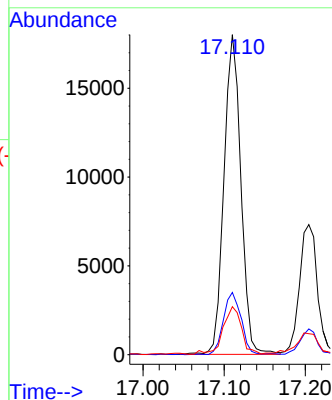
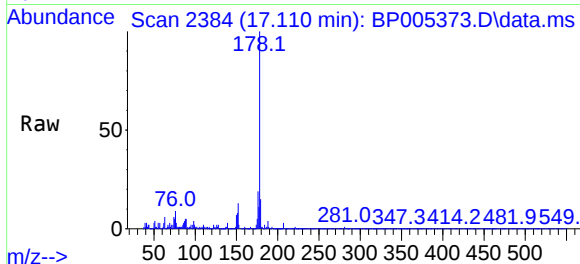




#71
Phenanthrene
Concen: 2.54 ng
RT: 17.110 min Scan# 2384
Delta R.T. 0.000 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

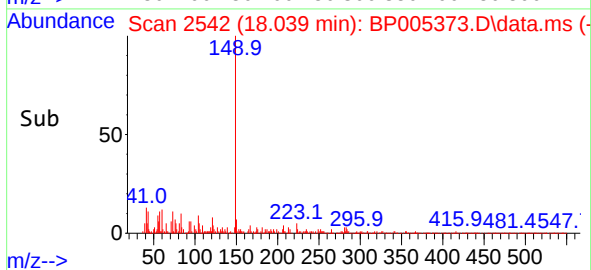
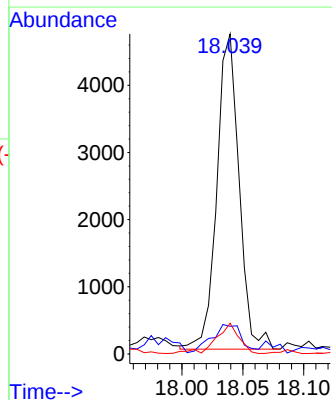
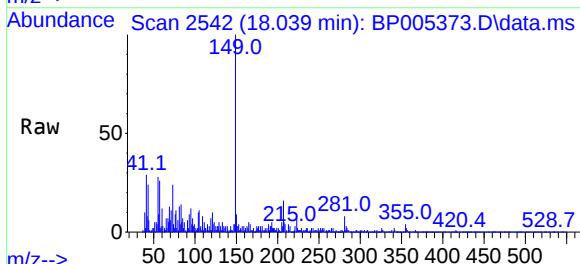
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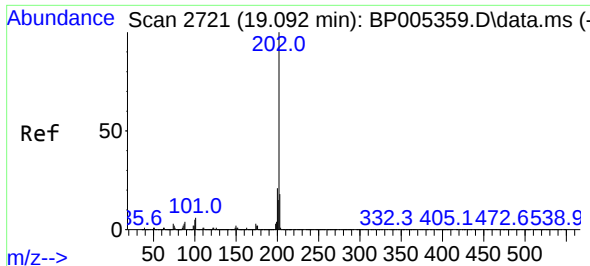
Tgt Ion:	178	Resp:	26175
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.4	23.2
179	15.0	12.3	18.5



#74
Di-n-butylphthalate
Concen: 4.51 ng
RT: 18.039 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

Tgt Ion:	149	Resp:	5959
Ion Ratio	Lower	Upper	
149	100		
150	8.6	7.6	11.4
104	9.6	8.9	13.3

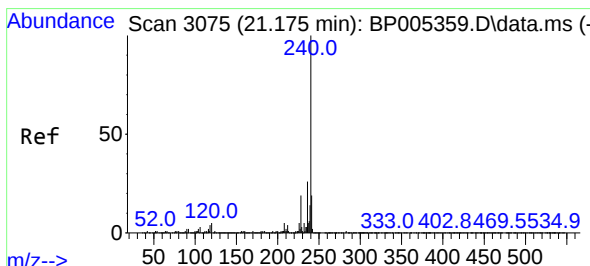
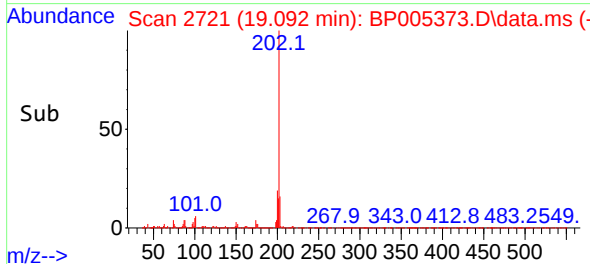
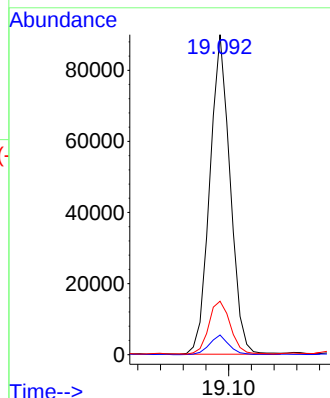
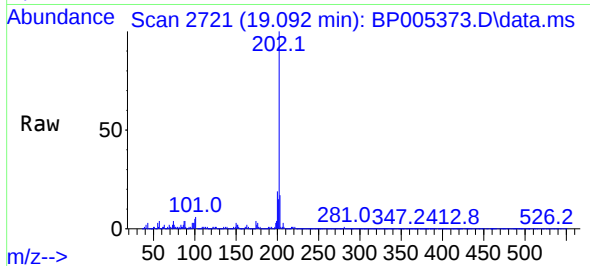




#75
Fluoranthene
Concen: 7.87 ng
RT: 19.092 min Scan# 2721
Delta R.T. 0.000 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

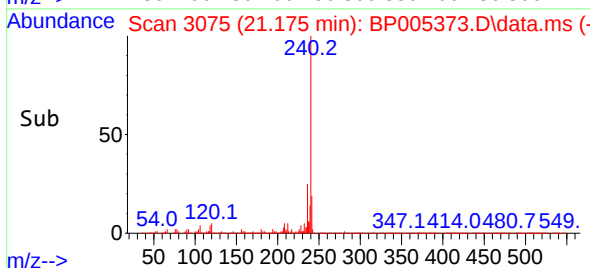
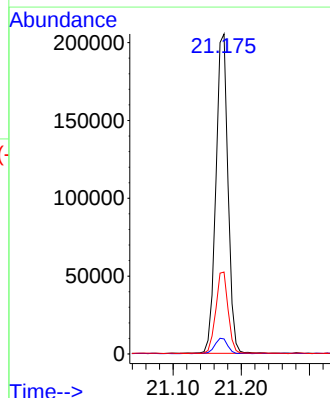
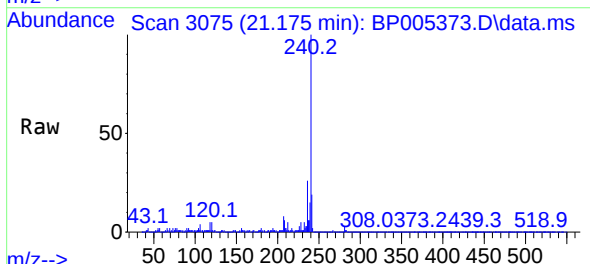
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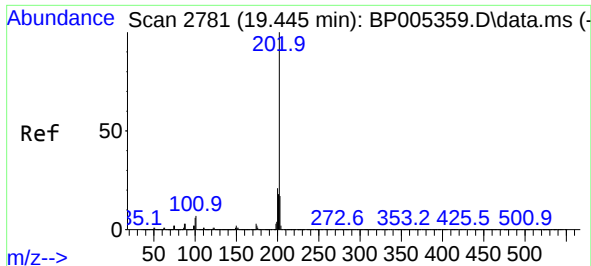
Tgt Ion:	202	Resp:	111570
Ion Ratio	Lower	Upper	
202	100		
101	6.2	0.0	26.1
203	16.7	0.0	37.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.175 min Scan# 3075
Delta R.T. -0.000 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

Tgt Ion:	240	Resp:	252461
Ion Ratio	Lower	Upper	
240	100		
120	4.7	4.2	6.2
236	25.6	20.2	30.2

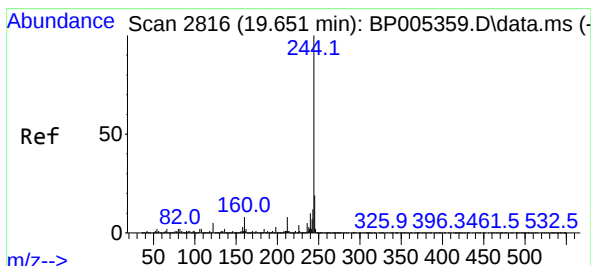
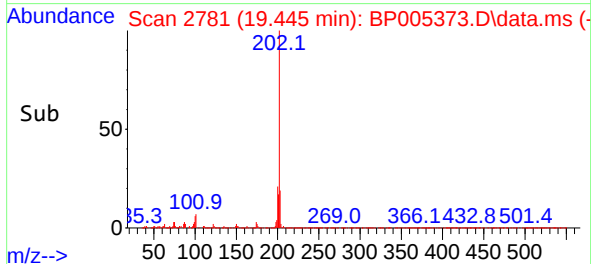
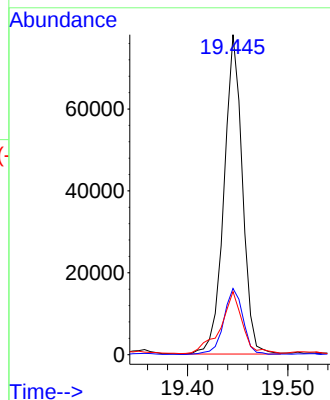
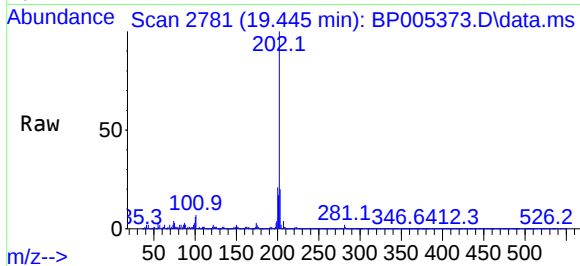




#78
Pyrene
Concen: 7.02 ng
RT: 19.445 min Scan# 2781
Delta R.T. 0.000 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

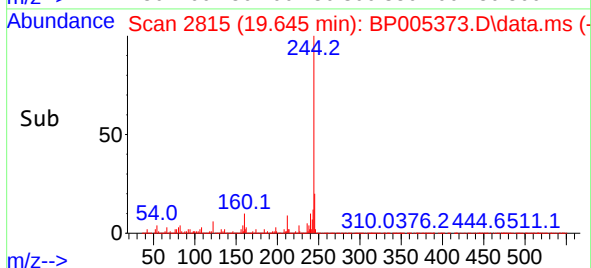
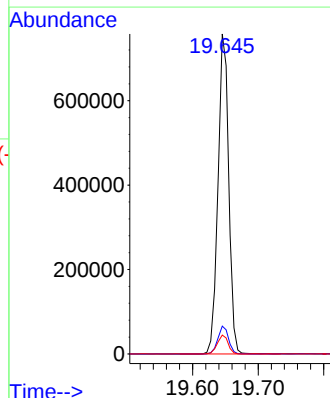
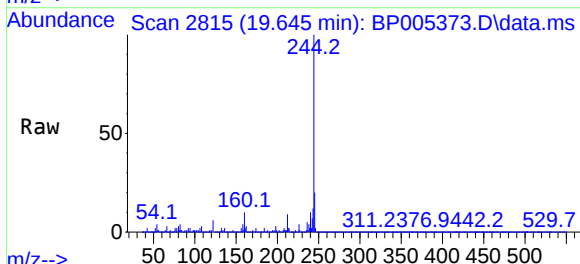
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-070-A

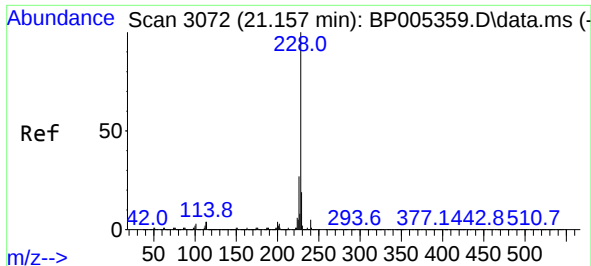
Tgt Ion:	202	Resp:	99356
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.9	25.3
203	19.7	13.8	20.6



#79
Terphenyl-d14
Concen: 62.83 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

Tgt Ion:	244	Resp:	856023
Ion Ratio	Lower	Upper	
244	100		
212	8.7	5.8	8.6#
122	5.9	5.2	7.8

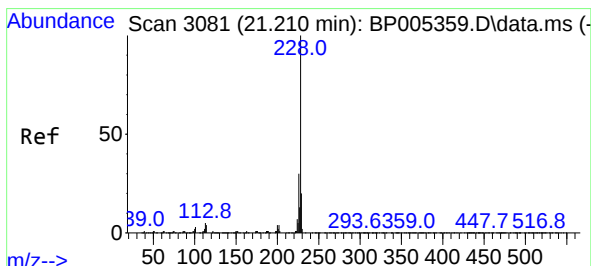
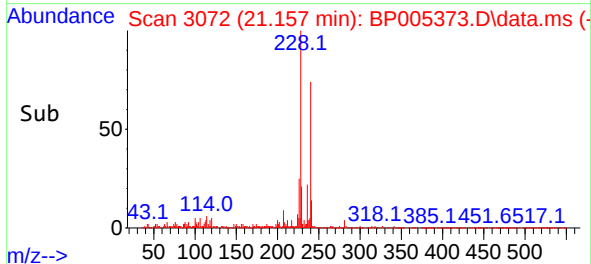
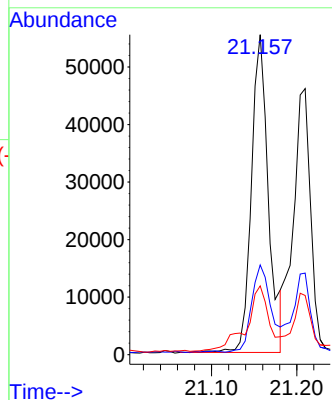
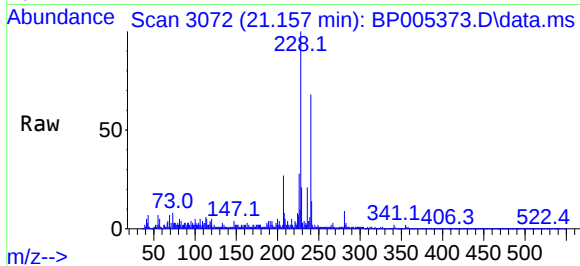




#81
Benzo(a)anthracene
Concen: 4.71 ng
RT: 21.157 min Scan# 3072
Delta R.T. 0.000 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

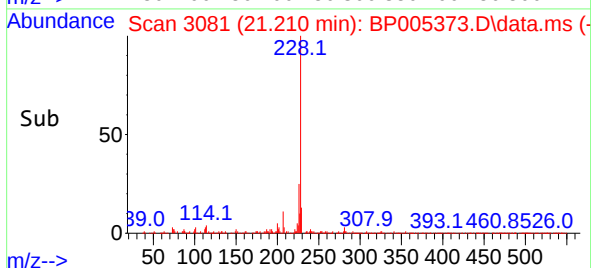
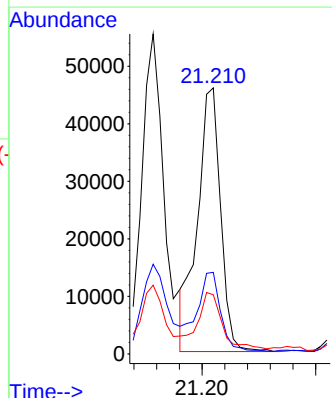
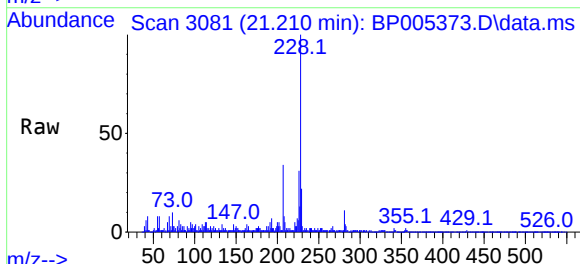
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-070-A

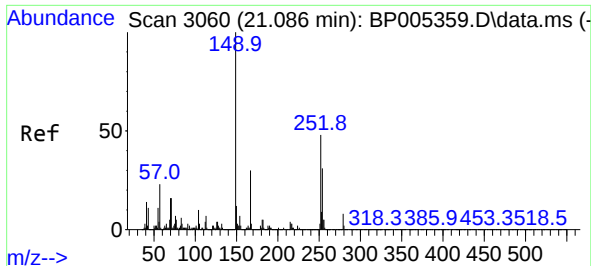
Tgt Ion:	228	Resp:	76451
Ion Ratio	Lower	Upper	
228	100		
226	28.1	21.2	31.8
229	21.5	15.6	23.4



#83
Chrysene
Concen: 4.04 ng
RT: 21.210 min Scan# 3081
Delta R.T. 0.000 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

Tgt Ion:	228	Resp:	65423
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.8	37.2
229	22.2	15.4	23.0

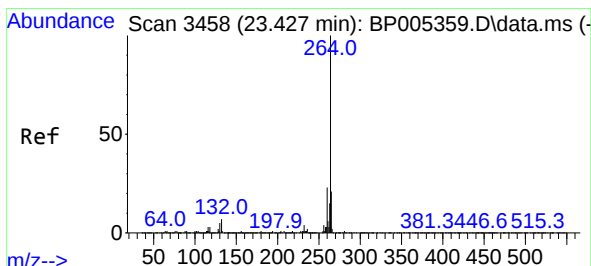
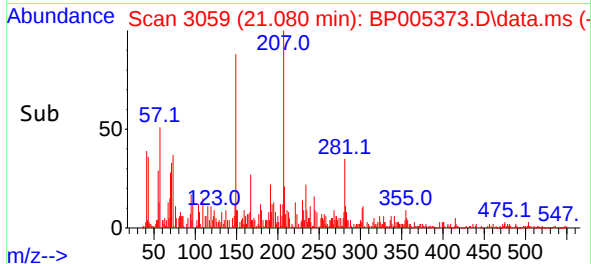
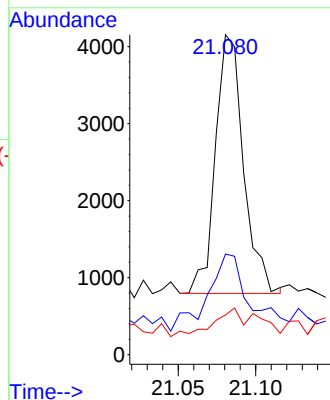
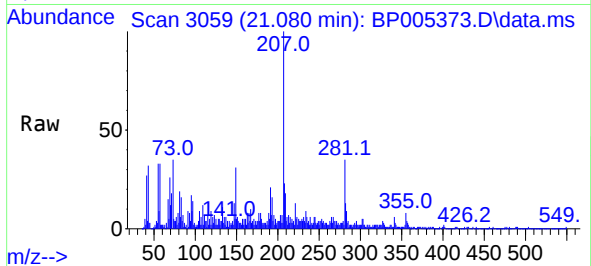




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.68 ng
RT: 21.080 min Scan# 3059
Delta R.T. -0.006 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

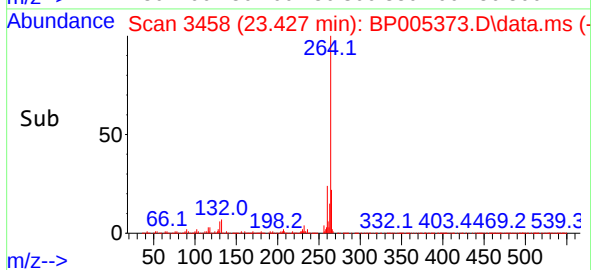
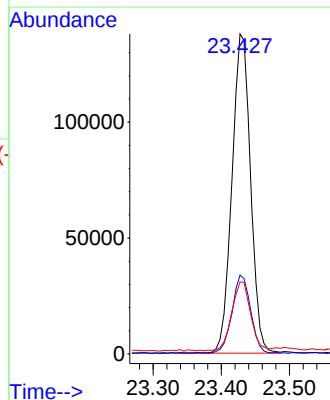
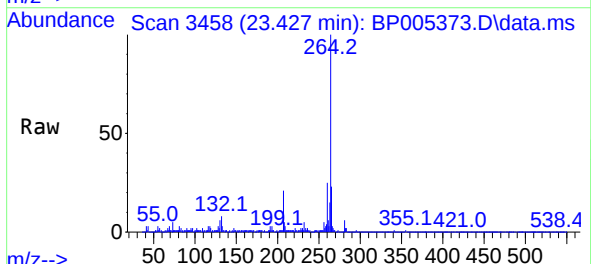
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-070-A

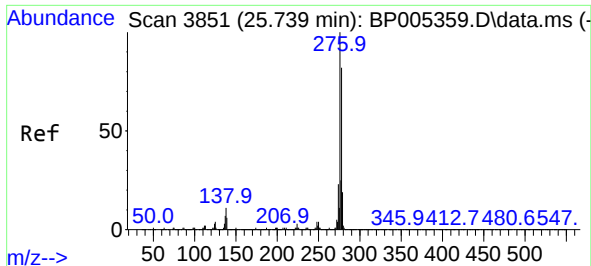
Tgt Ion:149 Resp: 4242
Ion Ratio Lower Upper
149 100
167 31.5 23.8 35.8
279 12.4 5.7 8.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.427 min Scan# 3458
Delta R.T. 0.000 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

Tgt Ion:264 Resp: 261575
Ion Ratio Lower Upper
264 100
260 24.7 20.6 30.8
265 22.5 19.0 28.6

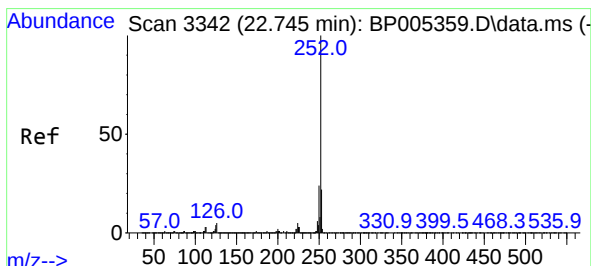
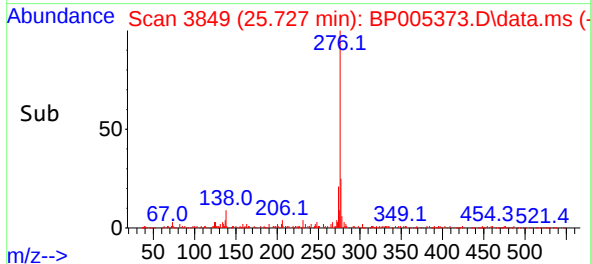
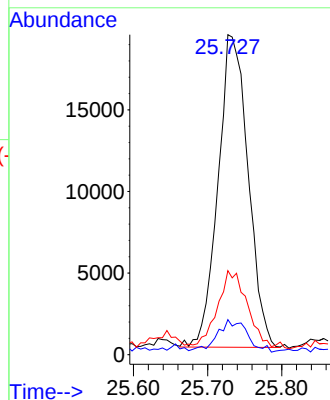
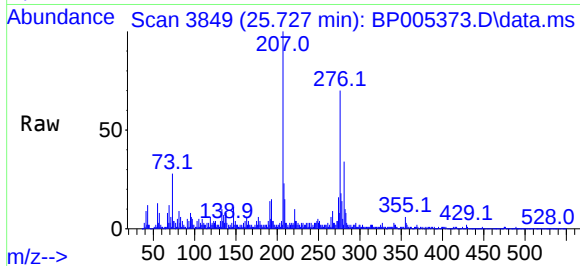




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.70 ng
RT: 25.727 min Scan# 3849
Delta R.T. -0.012 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

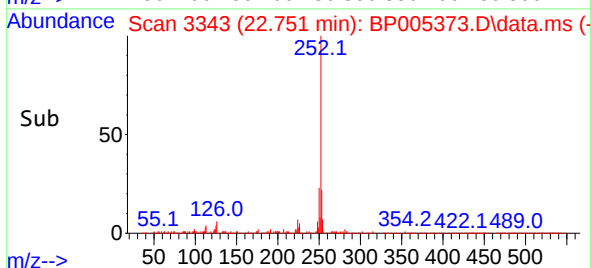
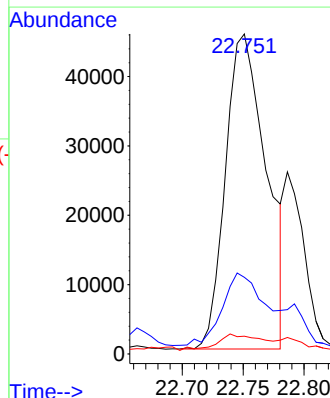
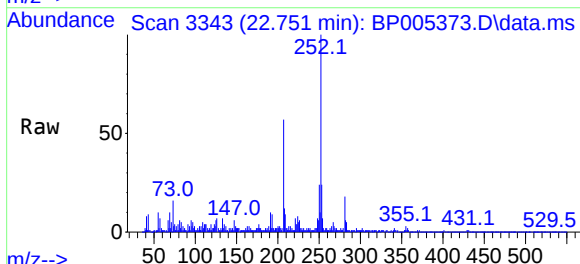
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-070-A

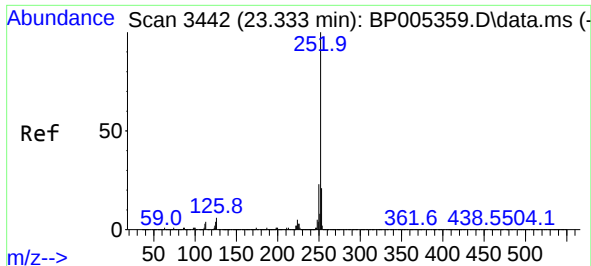
Tgt Ion:	276	Resp:	53952
Ion Ratio	Lower	Upper	
276	100		
138	9.5	8.4	12.6
277	22.4	20.6	31.0



#88
Benzo(b)fluoranthene
Concen: 6.16 ng
RT: 22.751 min Scan# 3343
Delta R.T. 0.006 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

Tgt Ion:	252	Resp:	106005
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.2	27.2
125	5.5	3.4	5.0#

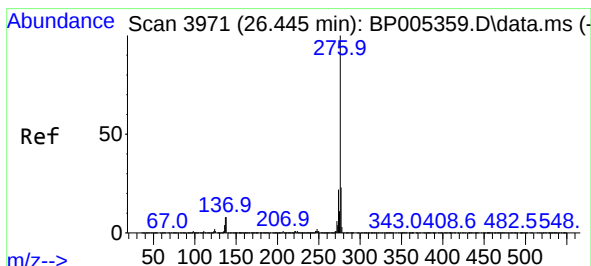
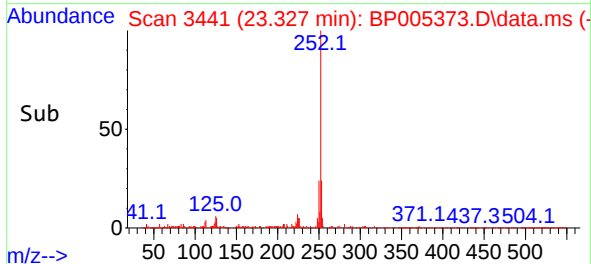
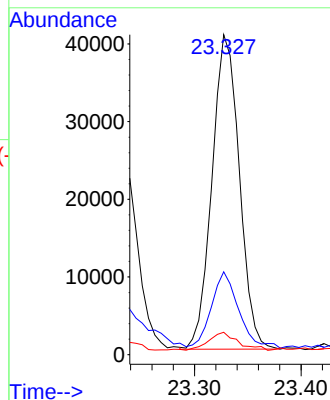
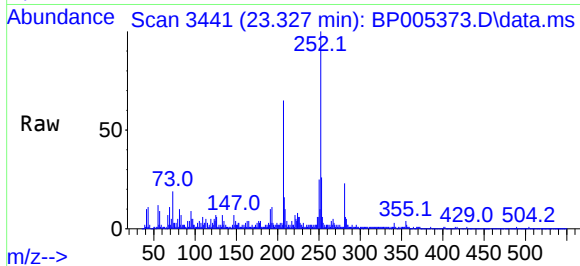




#90
Benzo(a)pyrene
Concen: 4.59 ng
RT: 23.327 min Scan# 3441
Delta R.T. -0.006 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

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

Tgt Ion:252 Resp: 72103
Ion Ratio Lower Upper
252 100
253 25.9 17.1 25.7#
125 7.0 3.8 5.6#



#92
Benzo(g,h,i)perylene
Concen: 3.10 ng
RT: 26.445 min Scan# 3971
Delta R.T. 0.000 min
Lab File: BP005373.D
Acq: 22 Apr 2021 13:43

Tgt Ion:276 Resp: 50306
Ion Ratio Lower Upper
276 100
277 23.5 19.8 29.8
138 8.3 7.7 11.5

