

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
 Data File : BP006705.D
 Acq On : 17 Aug 2021 03:44
 Operator : CG/JU
 Sample : M3425-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 22N

Quant Time: Aug 17 04:26:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:17:59 2021
 Response via : Initial Calibration

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

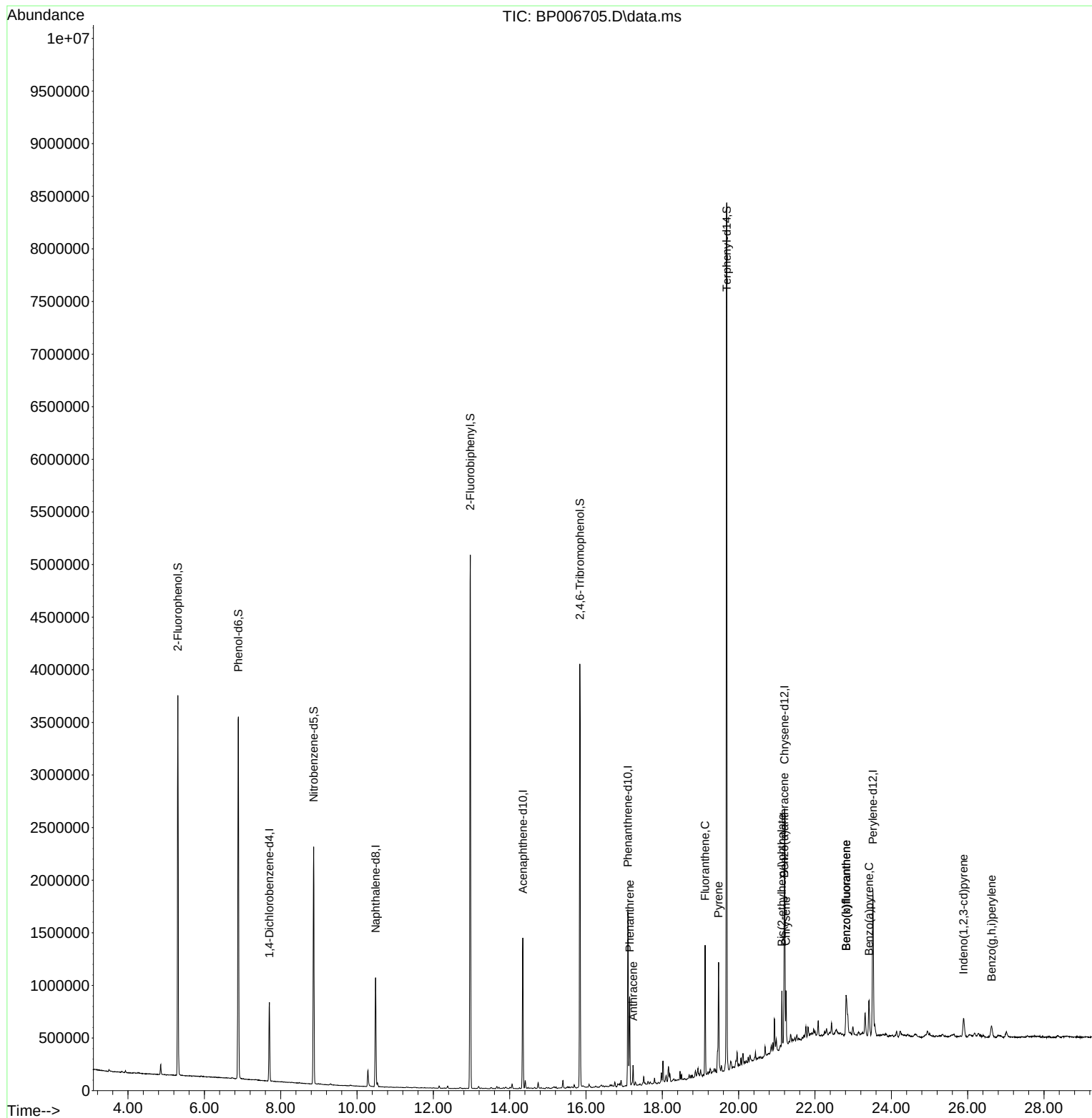
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	185827	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	792468	20.000	ng	# 0.00
39) Acenaphthene-d10	14.345	164	439833	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	887325	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	844658	20.000	ng	# 0.00
86) Perylene-d12	23.515	264	893690	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1488865	123.061	ng	0.00
7) Phenol-d6	6.893	99	1943493	113.084	ng	0.00
23) Nitrobenzene-d5	8.863	82	1332155	77.592	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	571930	124.421	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	2332078	79.328	ng	0.00
79) Terphenyl-d14	19.686	244	3394297	80.523	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.145	178	470345	9.397	ng	100
72) Anthracene	17.233	178	100694	2.082	ng	98
75) Fluoranthene	19.122	202	624883	11.124	ng	94
78) Pyrene	19.474	202	554717	9.832	ng	99
81) Benzo(a)anthracene	21.192	228	278039	5.037	ng	97
83) Chrysene	21.239	228	234170	4.376	ng	96
84) Bis(2-ethylhexyl)phtha...	21.133	149	162332	4.354	ng	# 95
87) Indeno(1,2,3-cd)pyrene	25.892	276	137243	2.118	ng	# 92
88) Benzo(b)fluoranthene	22.815	252	294006	5.062	ng	# 93
89) Benzo(k)fluoranthene	22.815	252	294006	5.272	ng	# 93
90) Benzo(a)pyrene	23.415	252	228871	4.393	ng	# 94
92) Benzo(g,h,i)perylene	26.627	276	124337	2.316	ng	# 90

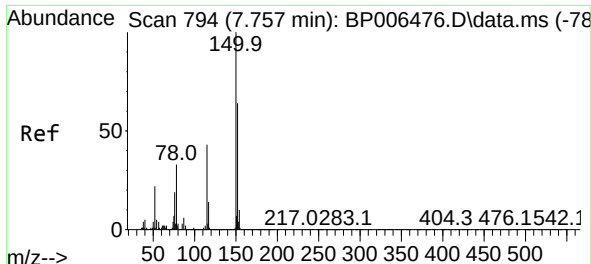
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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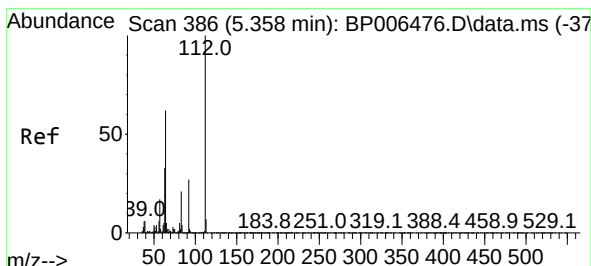
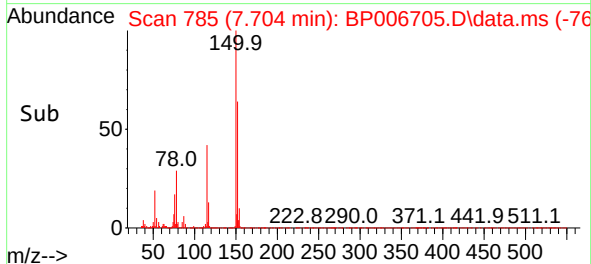
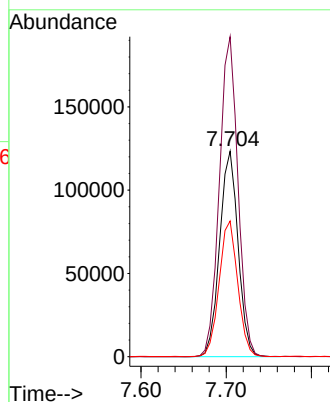
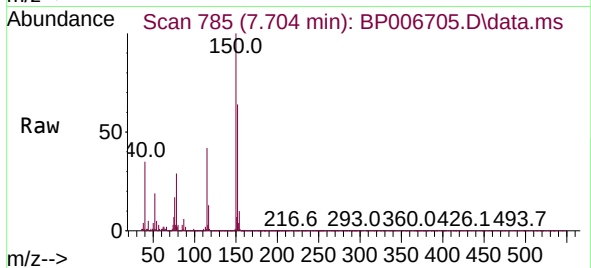




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.704 min Scan# 785
Delta R.T. -0.001 min
Lab File: BP006705.D
Acq: 17 Aug 2021 03:44

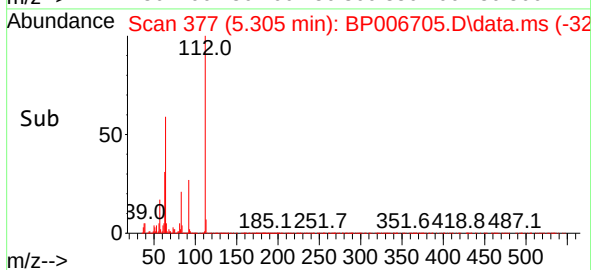
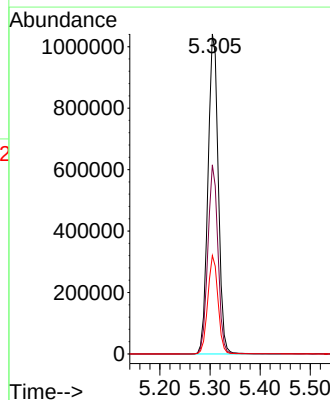
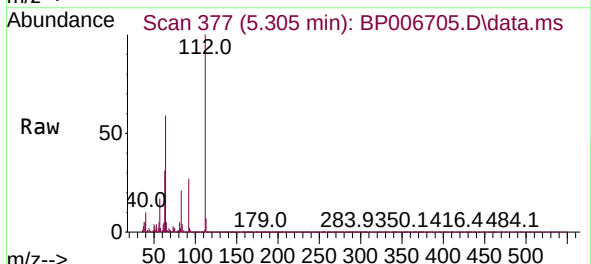
Instrument :
BNA_P
ClientSampleId :
22N

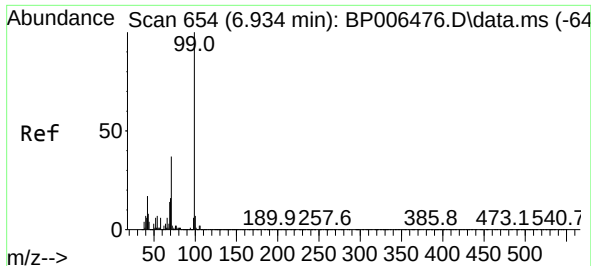
Tgt Ion:152 Resp: 185827
Ion Ratio Lower Upper
152 100
150 155.8 125.6 188.4
115 66.0 48.5 72.7



#5
2-Fluorophenol
Concen: 123.061 ng
RT: 5.305 min Scan# 377
Delta R.T. -0.000 min
Lab File: BP006705.D
Acq: 17 Aug 2021 03:44

Tgt Ion:112 Resp: 1488865
Ion Ratio Lower Upper
112 100
64 59.1 41.4 62.2
63 30.8 23.8 35.8

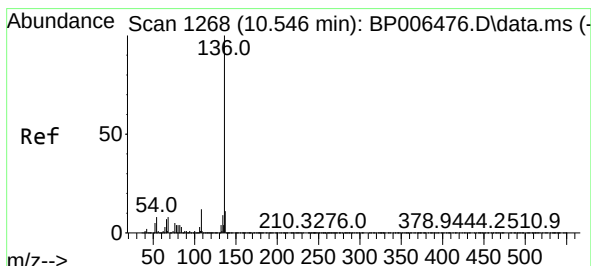
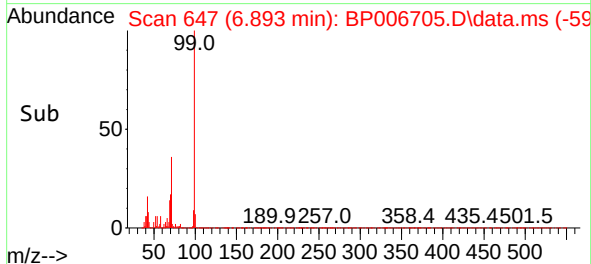
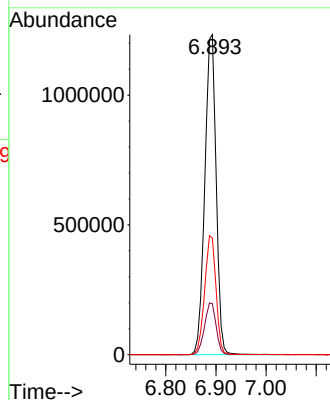
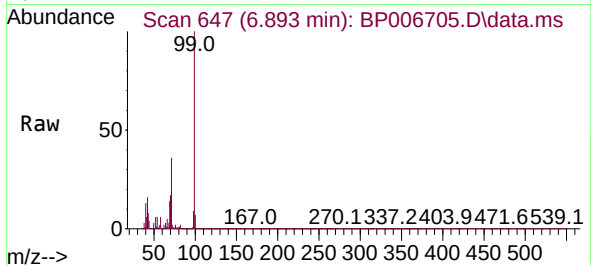




#7
Phenol-d6
Concen: 113.084 ng
RT: 6.893 min Scan# 647
Delta R.T. 0.006 min
Lab File: BP006705.D
Acq: 17 Aug 2021 03:44

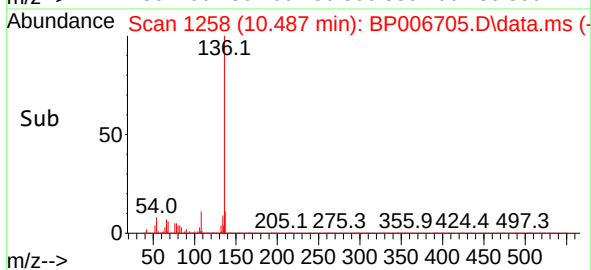
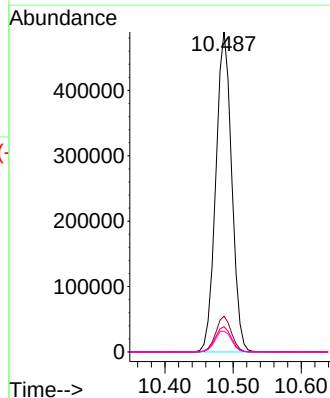
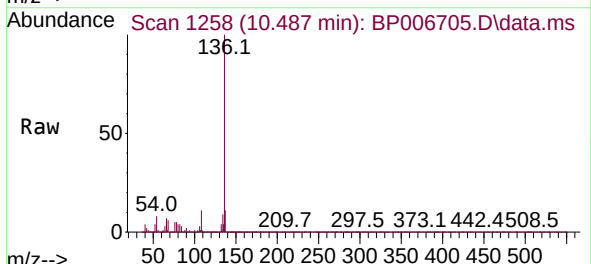
Instrument :
BNA_P
ClientSampleId :
22N

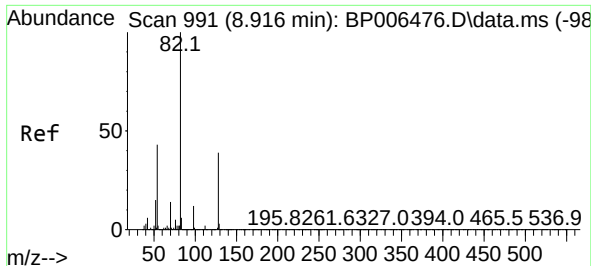
Tgt Ion: 99 Resp: 1943493
Ion Ratio Lower Upper
99 100
42 16.0 13.4 20.0
71 36.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP006705.D
Acq: 17 Aug 2021 03:44

Tgt Ion:136 Resp: 792468
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.9 4.6 6.8#
68 6.5 3.6 5.4#

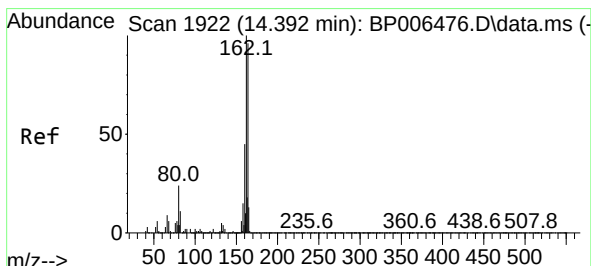
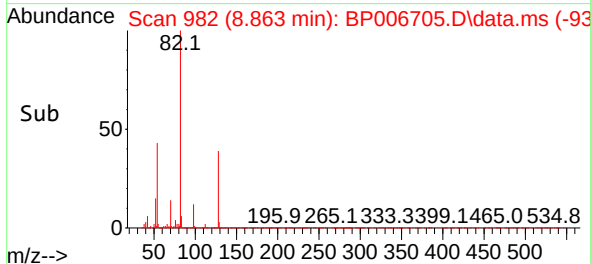
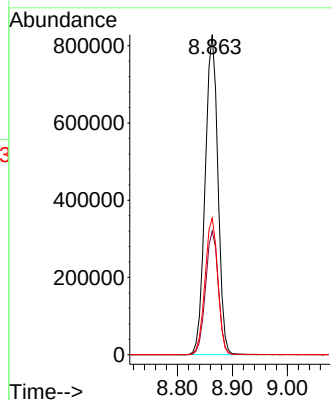
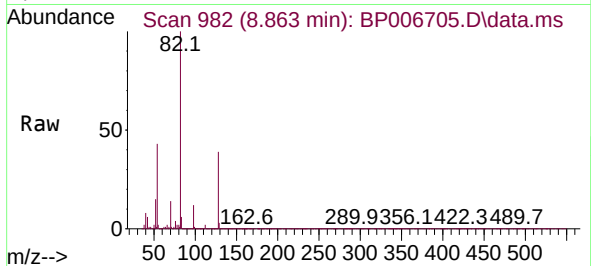




#23
Nitrobenzene-d5
Concen: 77.592 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BP006705.D
Acq: 17 Aug 2021 03:44

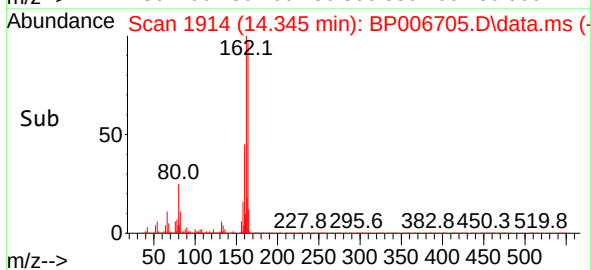
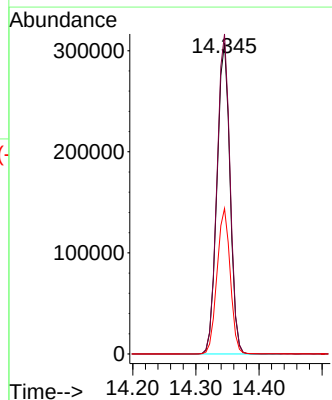
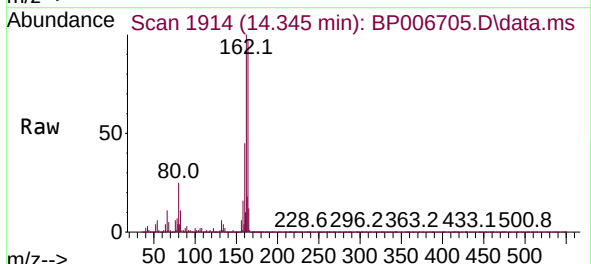
Instrument :
BNA_P
ClientSampleId :
22N

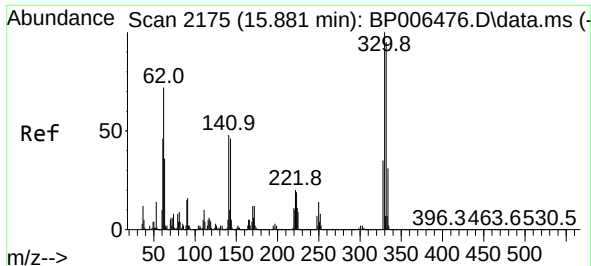
Tgt Ion: 82 Resp: 1332155
Ion Ratio Lower Upper
82 100
128 38.6 35.7 53.5
54 42.7 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BP006705.D
Acq: 17 Aug 2021 03:44

Tgt Ion:164 Resp: 439833
Ion Ratio Lower Upper
164 100
162 102.8 80.2 120.2
160 46.7 34.5 51.7

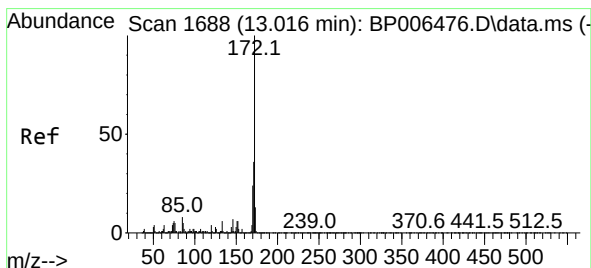
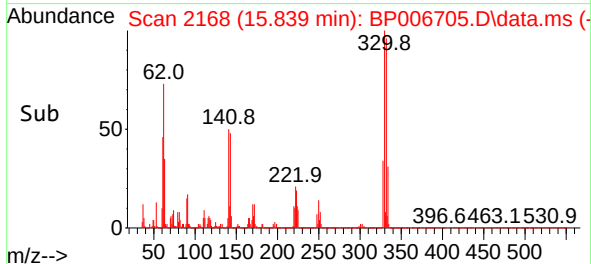
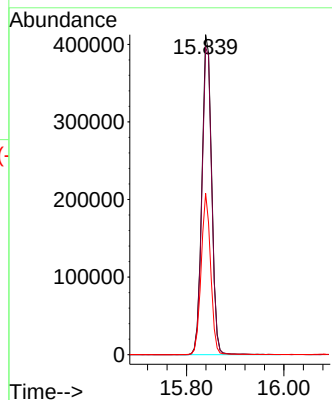
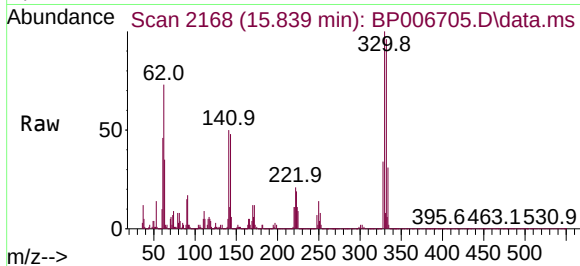




#42
2,4,6-Tribromophenol
Concen: 124.421 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP006705.D
Acq: 17 Aug 2021 03:44

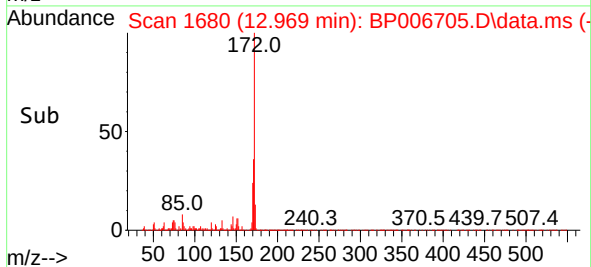
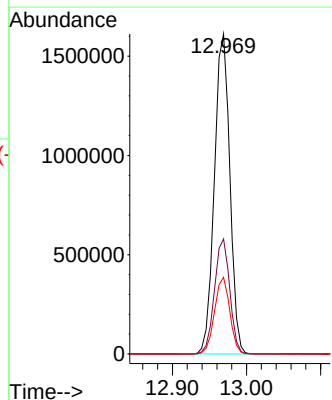
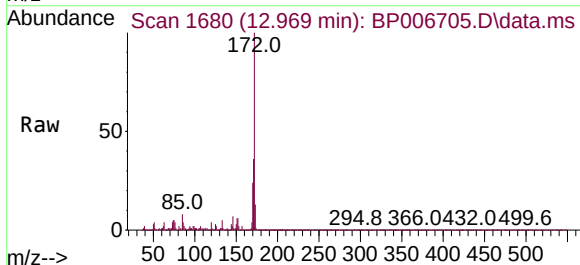
Instrument :
BNA_P
ClientSampleId :
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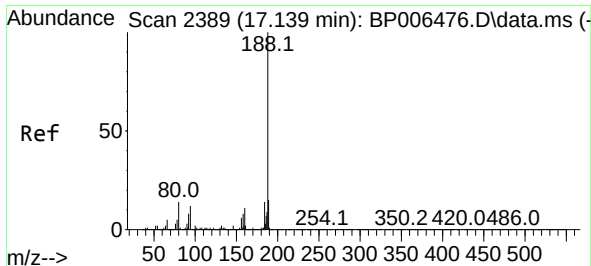
Tgt Ion:330 Resp: 571930
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 49.4 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 79.328 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BP006705.D
Acq: 17 Aug 2021 03:44

Tgt Ion:172 Resp: 2332078
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 24.0 18.6 27.8

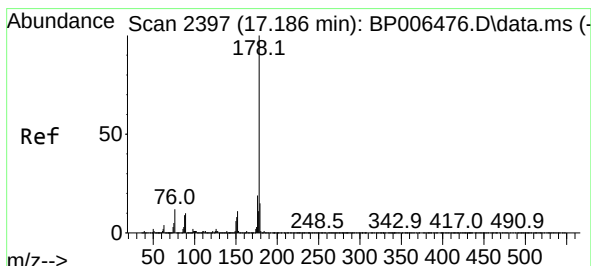
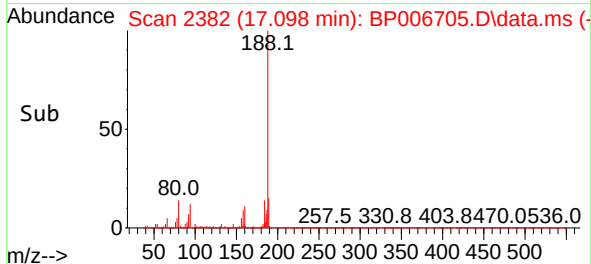
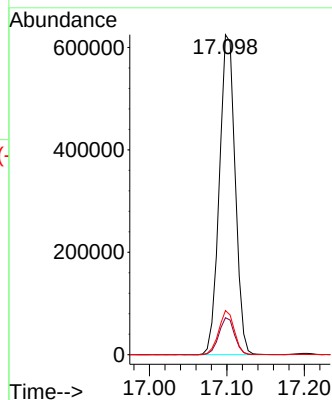
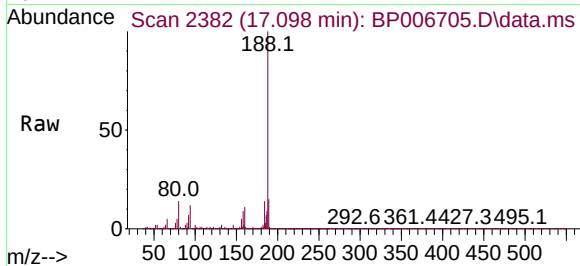




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP006705.D
Acq: 17 Aug 2021 03:44

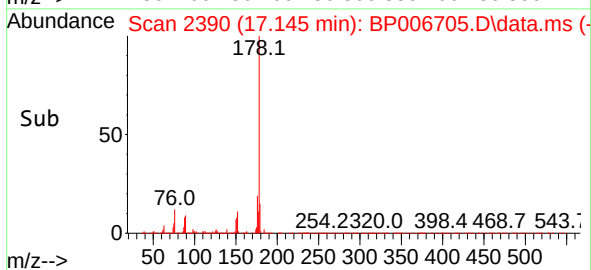
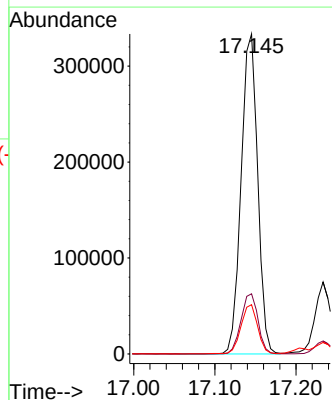
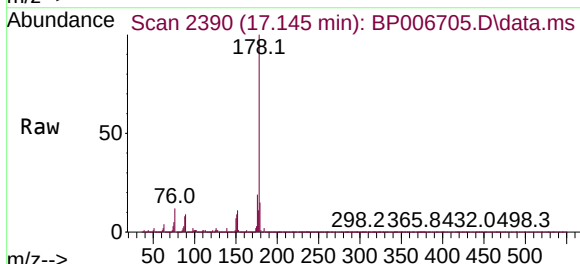
Instrument :
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ClientSampleId :
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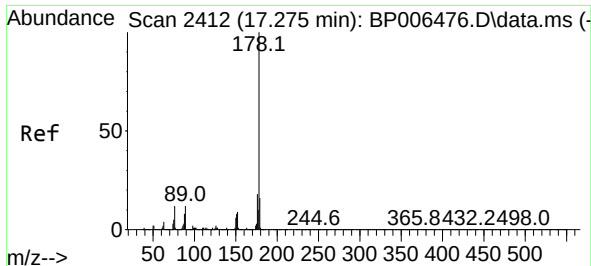
Tgt Ion:188 Resp: 887325
Ion Ratio Lower Upper
188 100
94 11.5 5.6 8.4#
80 13.8 6.3 9.5#



#71
Phenanthrene
Concen: 9.397 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP006705.D
Acq: 17 Aug 2021 03:44

Tgt Ion:178 Resp: 470345
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.4 12.4 18.6

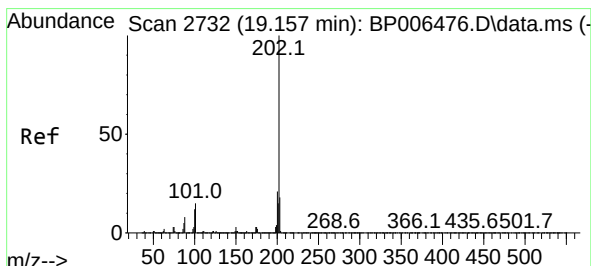
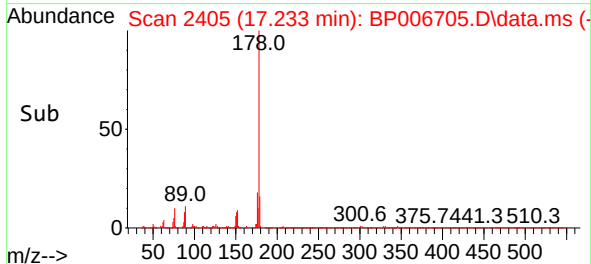
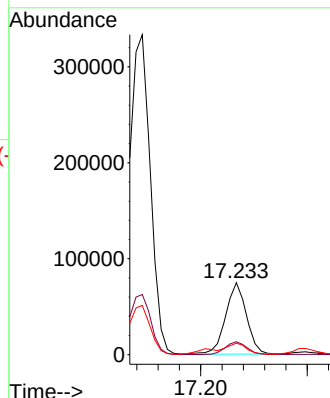
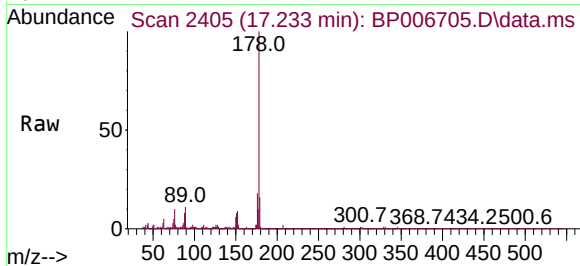




#72
 Anthracene
 Concen: 2.082 ng
 RT: 17.233 min Scan# 2405
 Delta R.T. -0.006 min
 Lab File: BP006705.D
 Acq: 17 Aug 2021 03:44

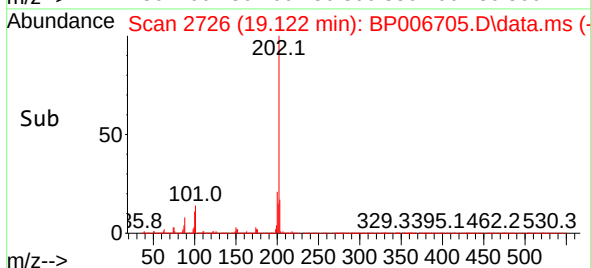
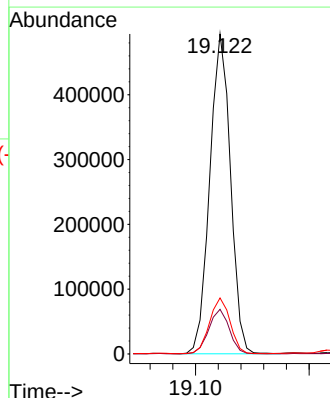
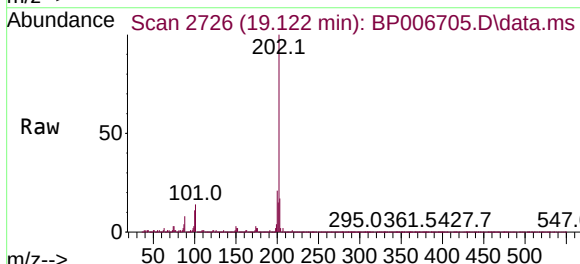
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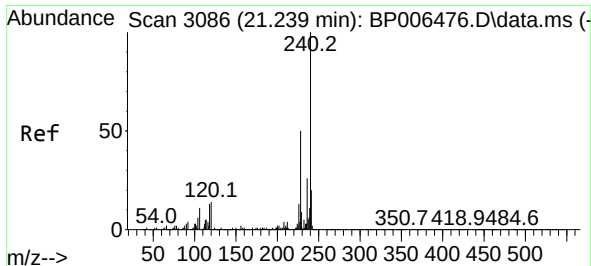
Tgt Ion:178 Resp: 100694
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.9 22.3
 179 16.0 12.2 18.2



#75
 Fluoranthene
 Concen: 11.124 ng
 RT: 19.122 min Scan# 2726
 Delta R.T. -0.006 min
 Lab File: BP006705.D
 Acq: 17 Aug 2021 03:44

Tgt Ion:202 Resp: 624883
 Ion Ratio Lower Upper
 202 100
 101 14.0 0.0 27.6
 203 17.5 0.0 37.8

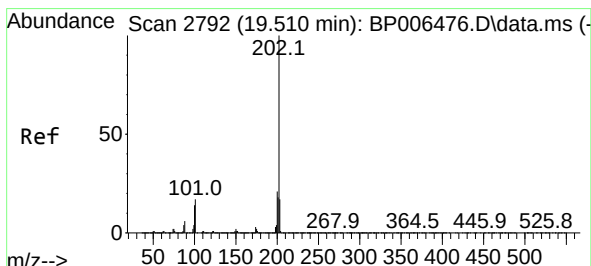
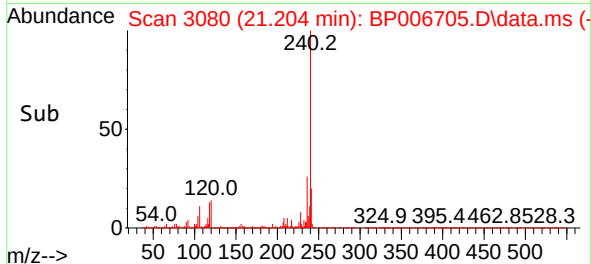
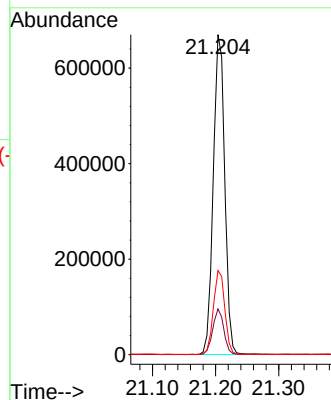
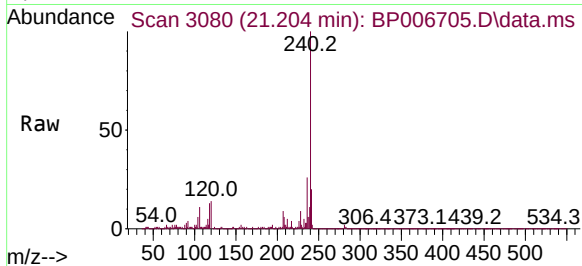




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP006705.D
Acq: 17 Aug 2021 03:44

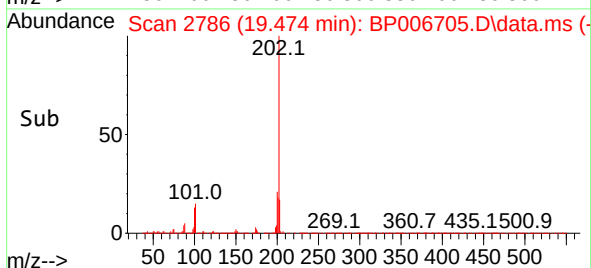
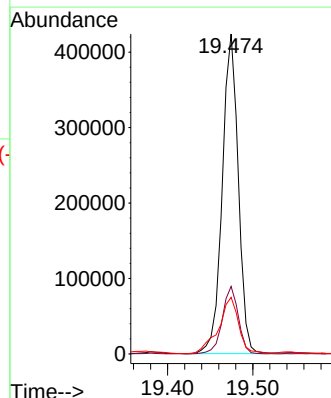
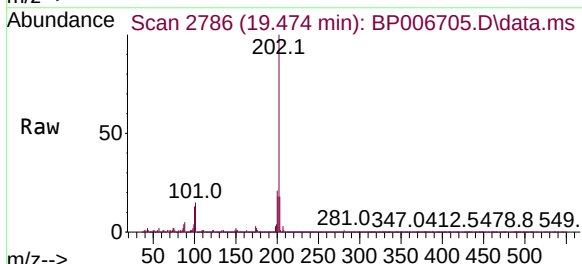
Instrument :
BNA_P
ClientSampleId :
22N

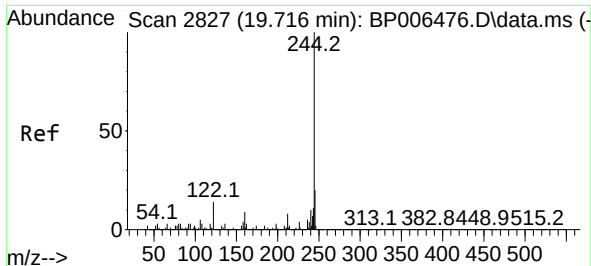
Tgt Ion:240 Resp: 844658
Ion Ratio Lower Upper
240 100
120 14.3 6.5 9.7#
236 26.3 20.6 31.0



#78
Pyrene
Concen: 9.832 ng
RT: 19.474 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BP006705.D
Acq: 17 Aug 2021 03:44

Tgt Ion:202 Resp: 554717
Ion Ratio Lower Upper
202 100
200 21.1 16.3 24.5
203 17.7 14.2 21.2

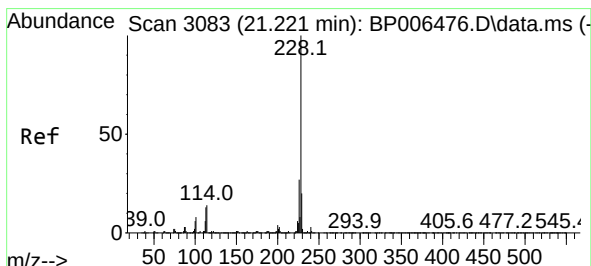
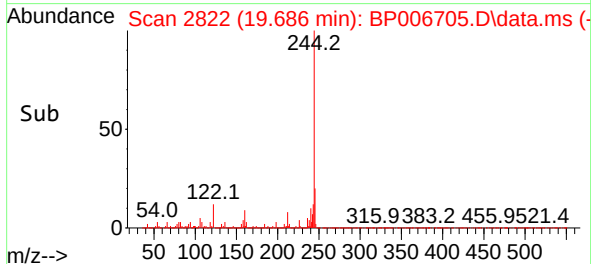
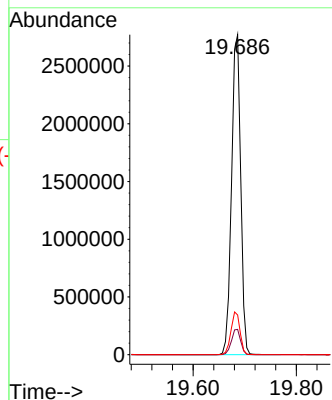
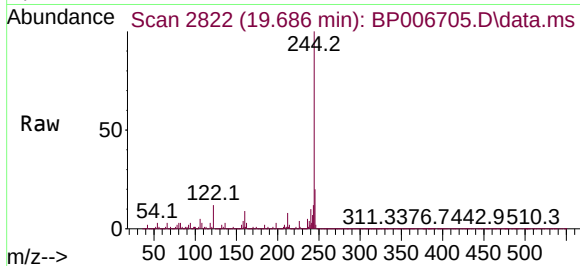




#79
 Terphenyl-d14
 Concen: 80.523 ng
 RT: 19.686 min Scan# 2822
 Delta R.T. -0.000 min
 Lab File: BP006705.D
 Acq: 17 Aug 2021 03:44

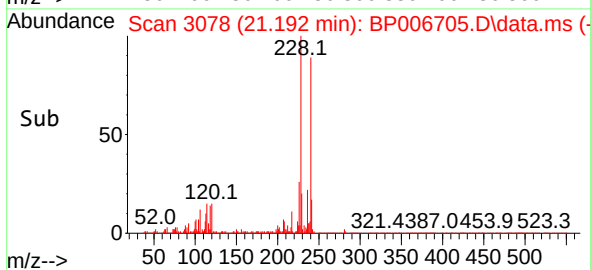
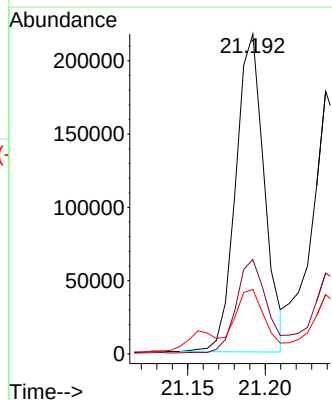
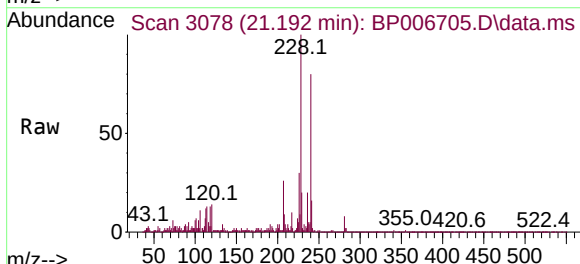
Instrument :
 BNA_P
 ClientSampleId :
 22N

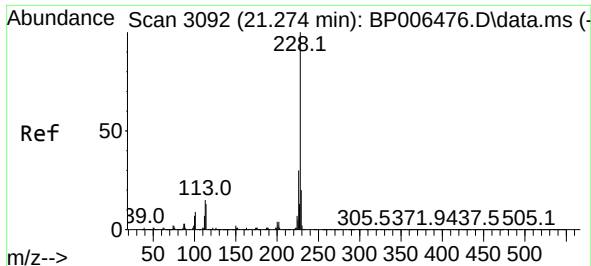
Tgt Ion:244 Resp: 3394297
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 12.4 7.1 10.7#



#81
 Benzo(a)anthracene
 Concen: 5.037 ng
 RT: 21.192 min Scan# 3078
 Delta R.T. -0.006 min
 Lab File: BP006705.D
 Acq: 17 Aug 2021 03:44

Tgt Ion:228 Resp: 278039
 Ion Ratio Lower Upper
 228 100
 226 29.5 21.6 32.4
 229 20.2 15.8 23.6

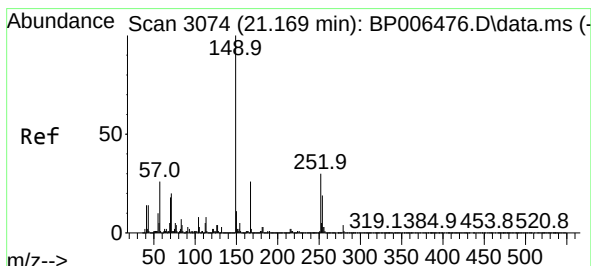
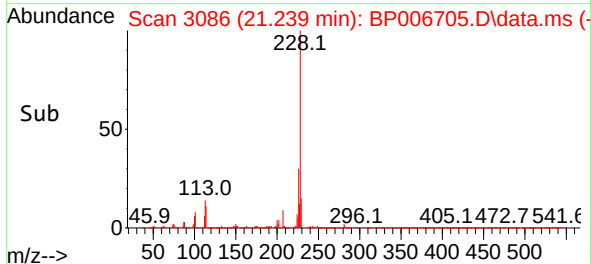
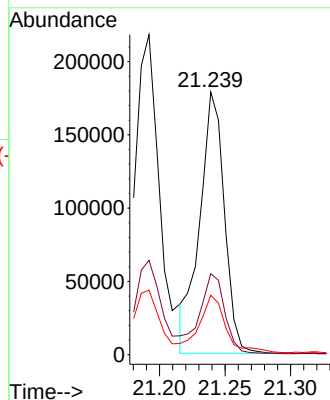
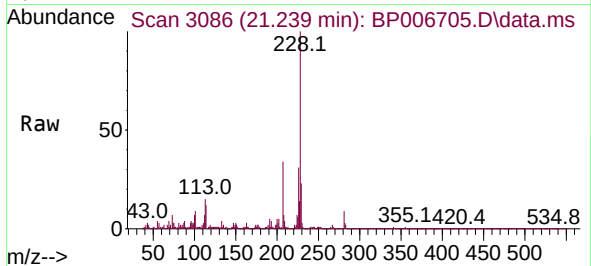




#83
Chrysene
Concen: 4.376 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.012 min
Lab File: BP006705.D
Acq: 17 Aug 2021 03:44

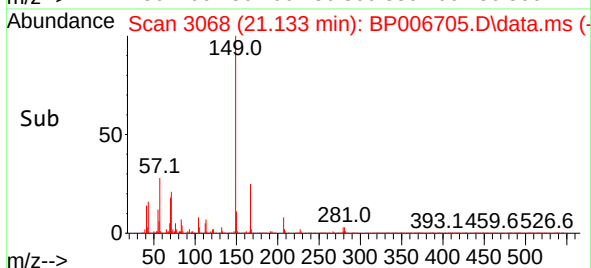
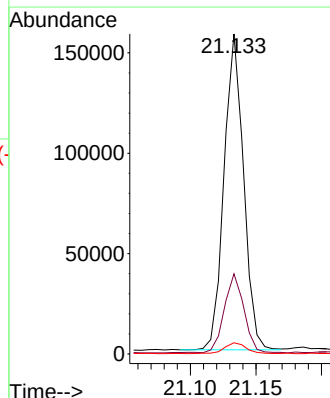
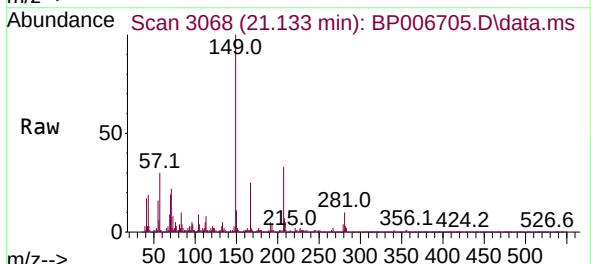
Instrument :
BNA_P
ClientSampled :
22N

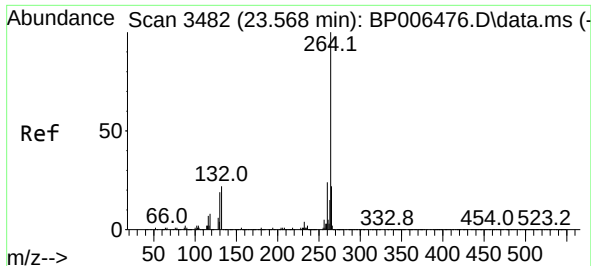
Tgt Ion:228 Resp: 234170
Ion Ratio Lower Upper
228 100
226 30.8 23.8 35.6
229 22.6 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.354 ng
RT: 21.133 min Scan# 3068
Delta R.T. -0.006 min
Lab File: BP006705.D
Acq: 17 Aug 2021 03:44

Tgt Ion:149 Resp: 162332
Ion Ratio Lower Upper
149 100
167 25.1 21.9 32.9
279 3.5 4.3 6.5#

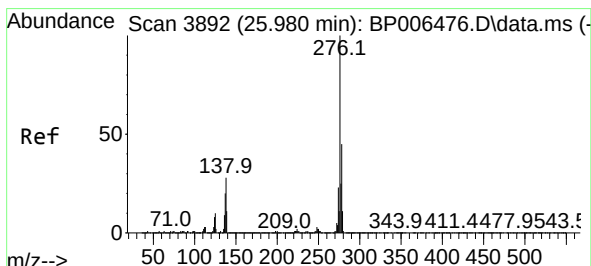
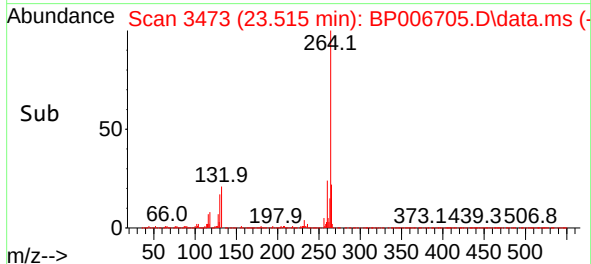
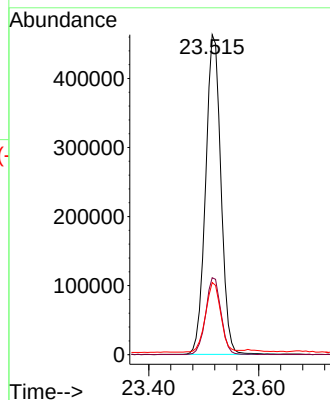
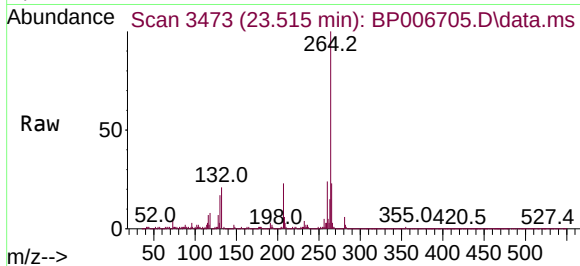




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.515 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BP006705.D
Acq: 17 Aug 2021 03:44

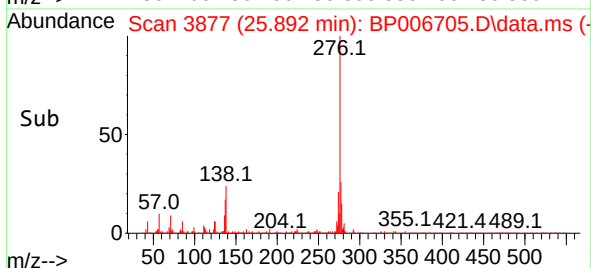
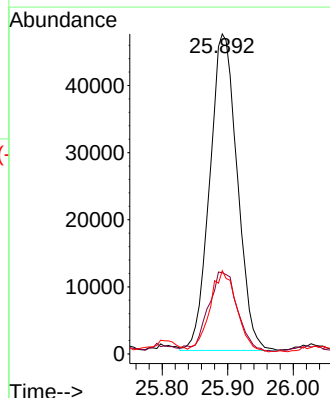
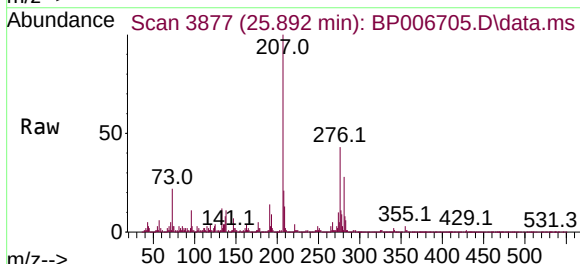
Instrument :
BNA_P
ClientSampled :
22N

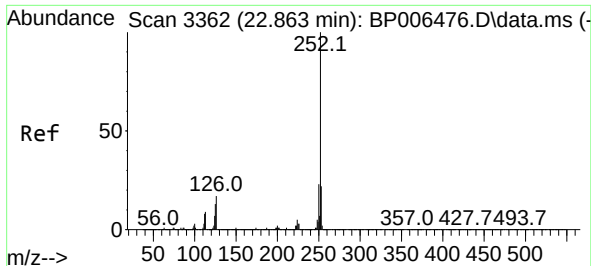
Tgt Ion:264 Resp: 893690
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 22.5 17.6 26.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.118 ng
RT: 25.892 min Scan# 3877
Delta R.T. -0.029 min
Lab File: BP006705.D
Acq: 17 Aug 2021 03:44

Tgt Ion:276 Resp: 137243
Ion Ratio Lower Upper
276 100
138 26.9 15.3 22.9#
277 25.1 20.4 30.6

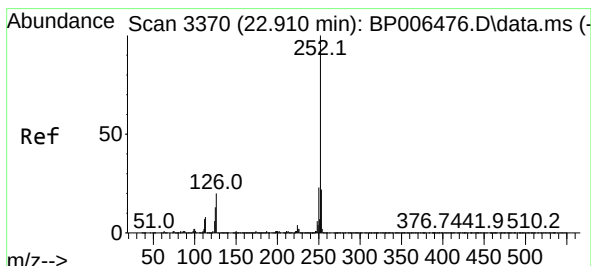
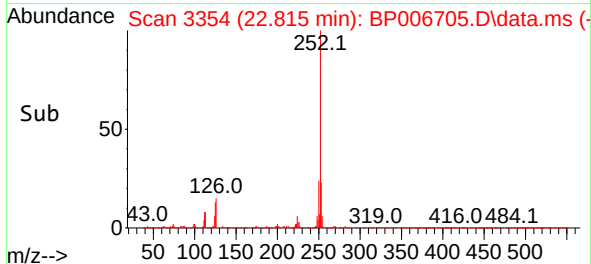
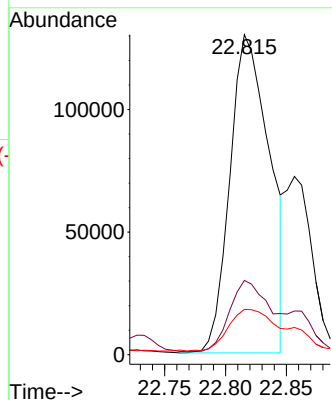
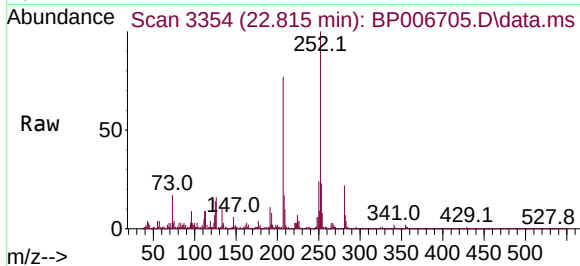




#88
Benzo(b)fluoranthene
Concen: 5.062 ng
RT: 22.815 min Scan# 3354
Delta R.T. -0.006 min
Lab File: BP006705.D
Acq: 17 Aug 2021 03:44

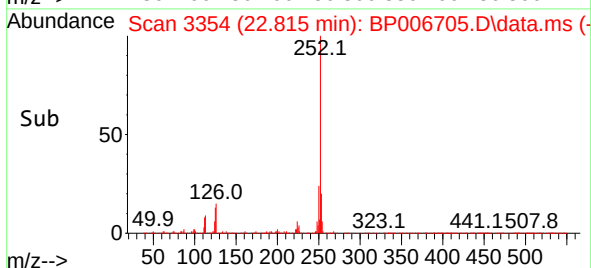
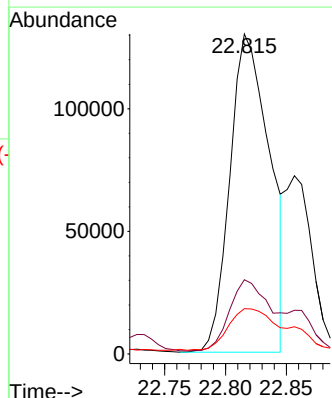
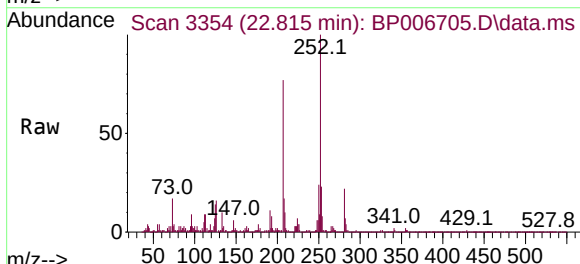
Instrument :
BNA_P
ClientSampled :
22N

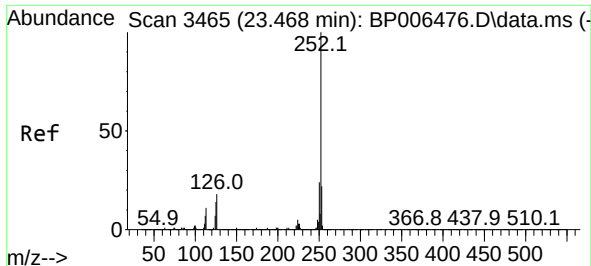
Tgt Ion:252 Resp: 294006
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 14.1 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 5.272 ng
RT: 22.815 min Scan# 3354
Delta R.T. -0.059 min
Lab File: BP006705.D
Acq: 17 Aug 2021 03:44

Tgt Ion:252 Resp: 294006
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 14.1 6.0 9.0#

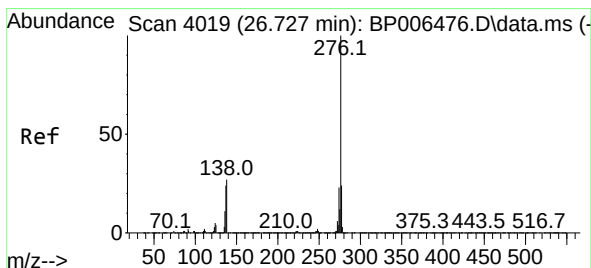
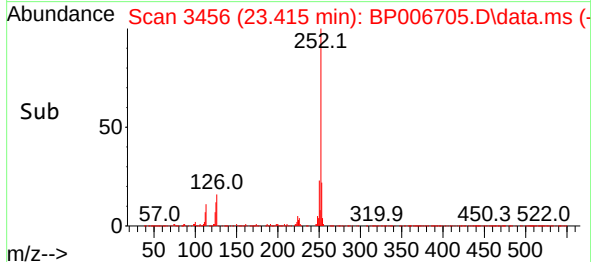
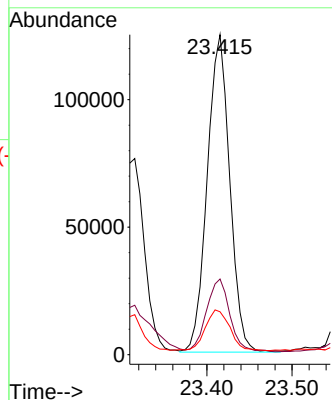
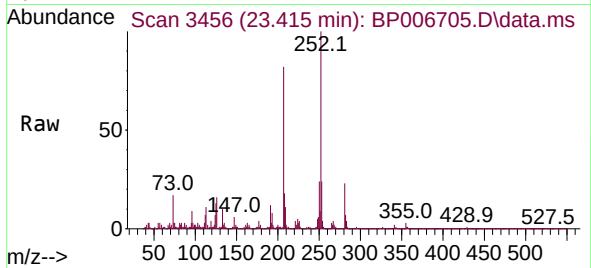




#90
Benzo(a)pyrene
Concen: 4.393 ng
RT: 23.415 min Scan# 3456
Delta R.T. -0.006 min
Lab File: BP006705.D
Acq: 17 Aug 2021 03:44

Instrument :
BNA_P
ClientSampled :
22N

Tgt Ion:252 Resp: 228871
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 13.4 6.5 9.7#



#92
Benzo(g,h,i)perylene
Concen: 2.316 ng
RT: 26.627 min Scan# 4002
Delta R.T. -0.029 min
Lab File: BP006705.D
Acq: 17 Aug 2021 03:44

Tgt Ion:276 Resp: 124337
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 25.8 12.6 18.8#

