

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
 Data File : BP007312.D
 Acq On : 04 Oct 2021 19:12
 Operator : CG/JU
 Sample : M4043-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-03-100121

Quant Time: Oct 05 02:22:05 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 12:49:05 2021
 Response via : Initial Calibration

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

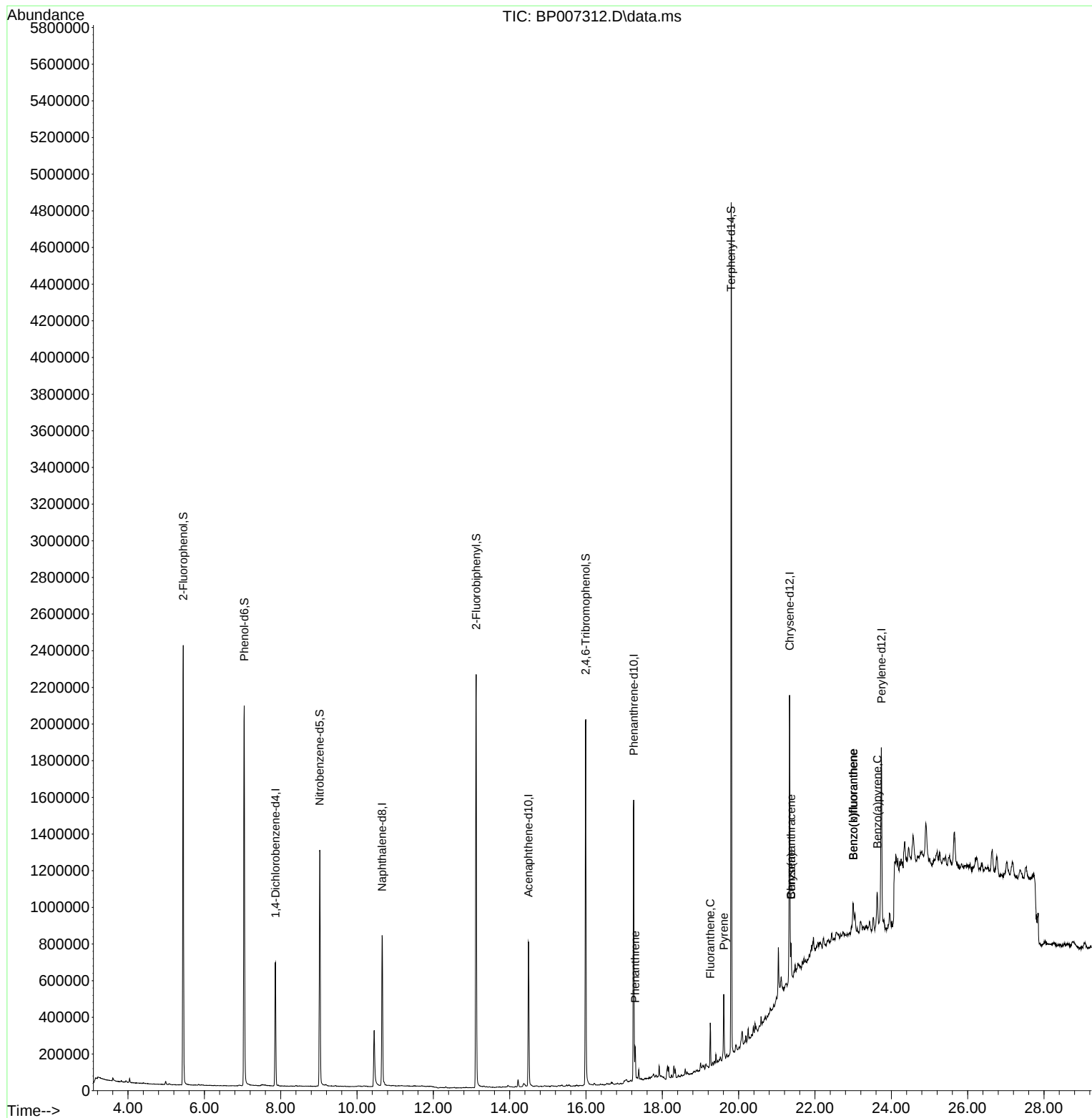
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	192600	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	736555	20.000	ng	# 0.00
39) Acenaphthene-d10	14.492	164	305586	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	975777	20.000	ng	0.00
76) Chrysene-d12	21.333	240	743636	20.000	ng	0.00
86) Perylene-d12	23.739	264	794956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1113525	96.780	ng	0.00
7) Phenol-d6	7.046	99	1343213	85.416	ng	0.00
23) Nitrobenzene-d5	9.022	82	796799	62.999	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	490956	123.923	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1263883	59.252	ng	0.00
79) Terphenyl-d14	19.804	244	2308023	59.475	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.292	178	113131	2.162	ng	99
75) Fluoranthene	19.257	202	132052	2.191	ng	97
78) Pyrene	19.610	202	208840	4.280	ng	99
81) Benzo(a)anthracene	21.374	228	103664	2.148	ng	92
83) Chrysene	21.374	228	103664	2.247	ng	95
88) Benzo(b)fluoranthene	23.004	252	121390	2.555	ng	# 81
89) Benzo(k)fluoranthene	23.004	252	121390	2.524	ng	# 81
90) Benzo(a)pyrene	23.633	252	96534	2.392	ng	# 90

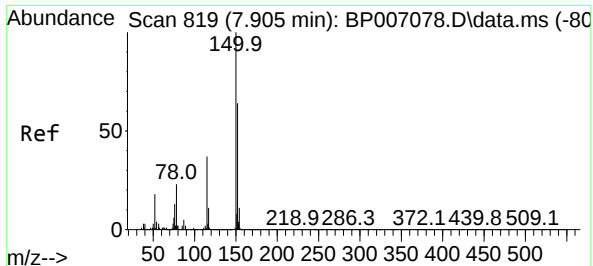
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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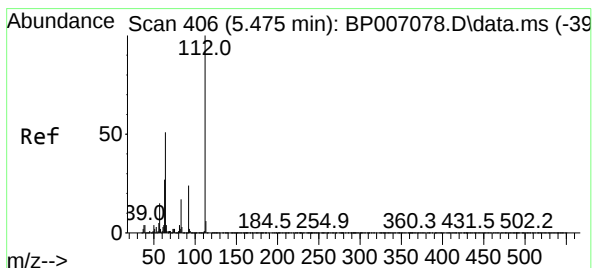
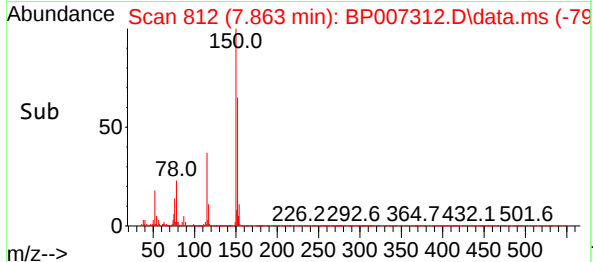
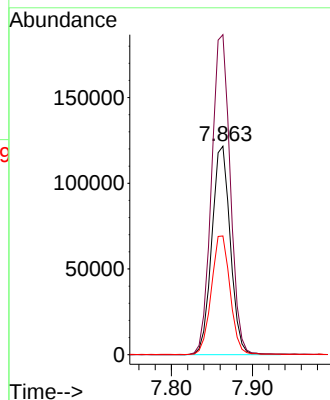
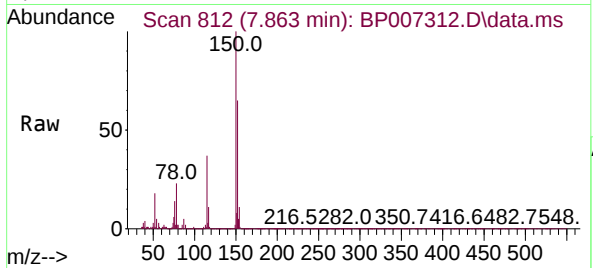




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

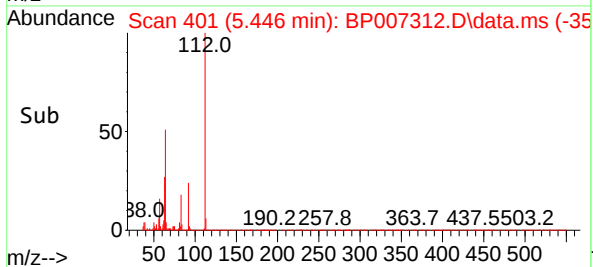
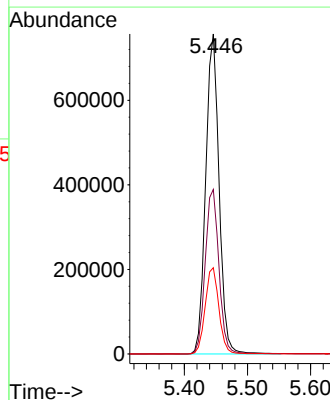
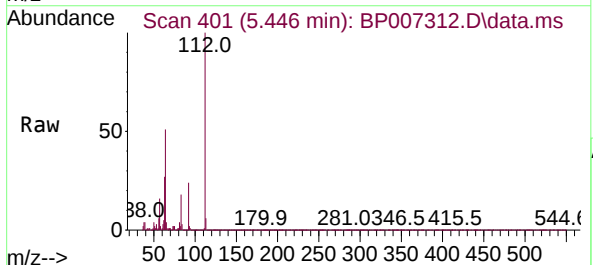
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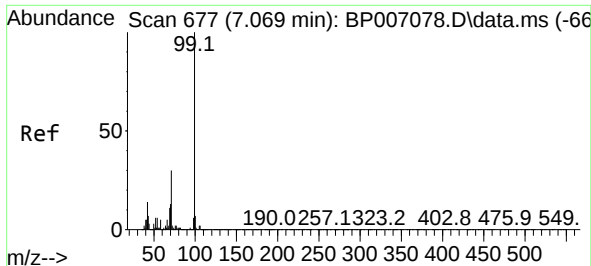
Tgt Ion:152 Resp: 192600
Ion Ratio Lower Upper
152 100
150 153.4 125.6 188.4
115 56.9 48.5 72.7



#5
2-Fluorophenol
Concen: 96.780 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

Tgt Ion:112 Resp: 1113525
Ion Ratio Lower Upper
112 100
64 51.4 41.4 62.2
63 27.0 23.8 35.8

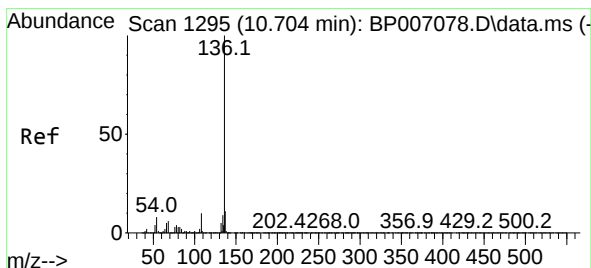
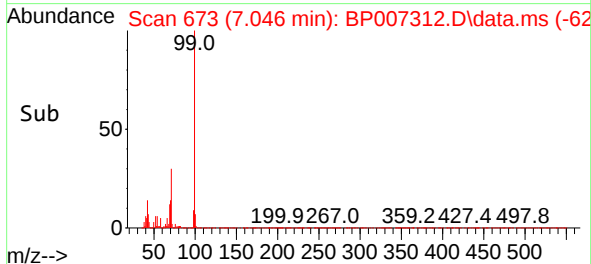
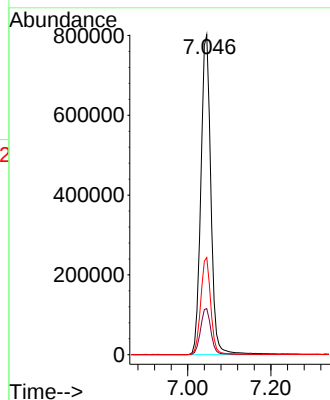
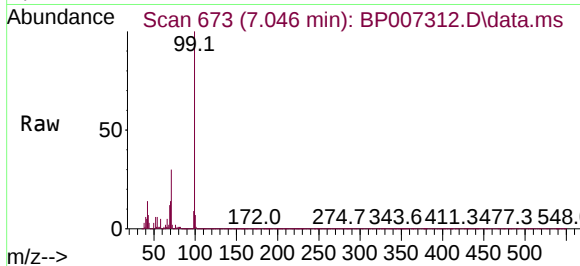




#7
Phenol-d6
Concen: 85.416 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

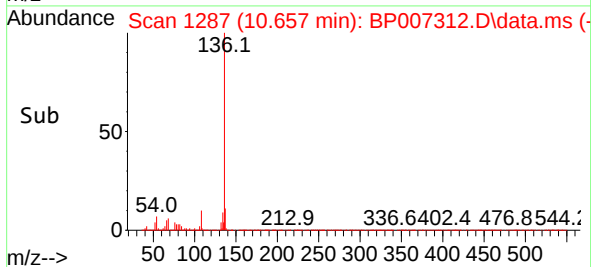
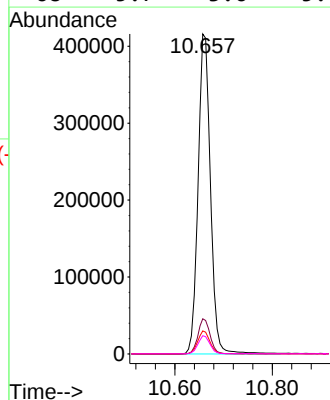
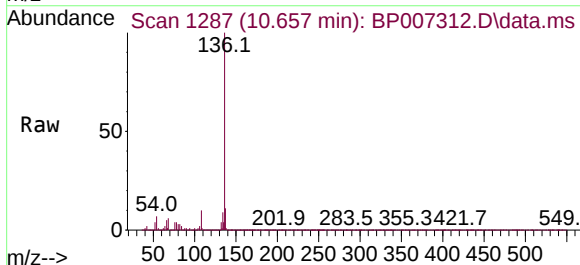
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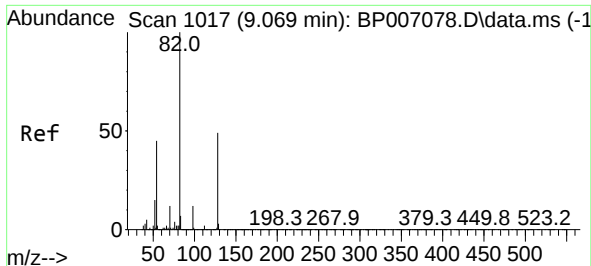
Tgt Ion: 99 Resp: 1343213
Ion Ratio Lower Upper
99 100
42 14.4 13.4 20.0
71 30.3 30.6 46.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

Tgt Ion: 136 Resp: 736555
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.2 4.6 6.8#
68 5.7 3.6 5.4#

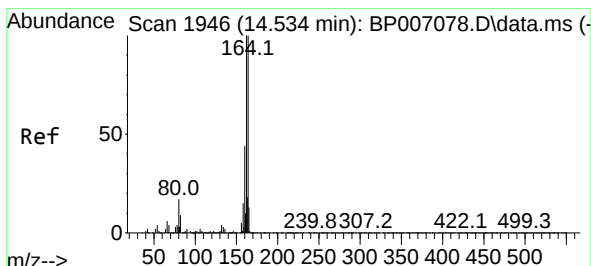
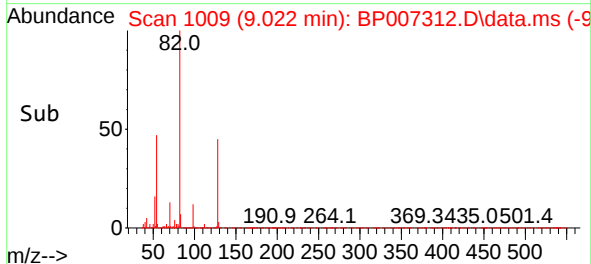
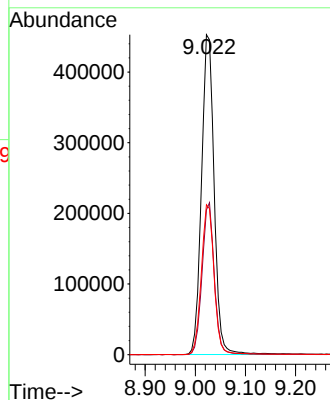
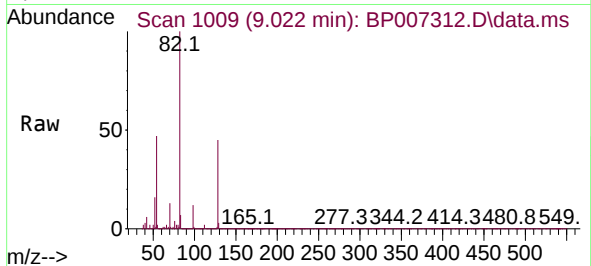




#23
Nitrobenzene-d5
Concen: 62.999 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

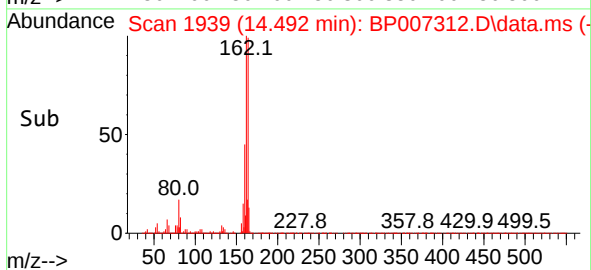
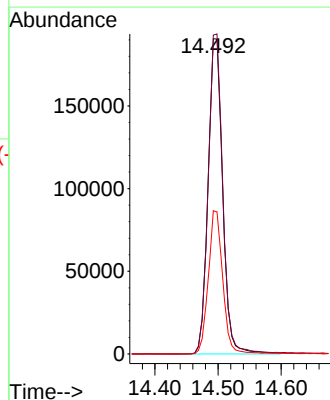
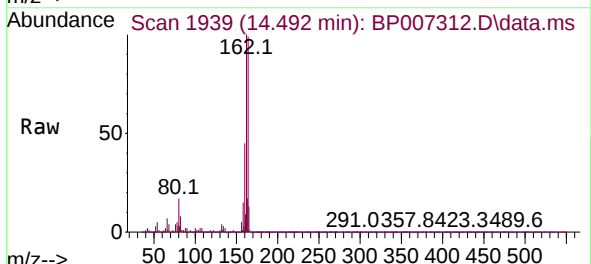
Instrument :
BNA_P
ClientSampleId :
HR-03-100121

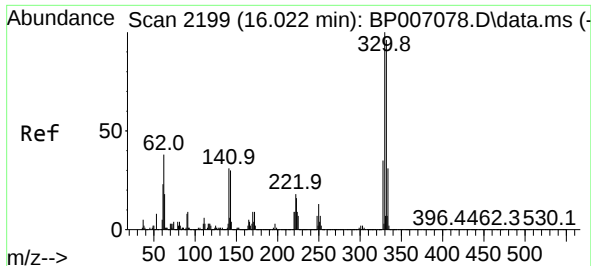
Tgt Ion: 82 Resp: 796799
Ion Ratio Lower Upper
82 100
128 45.2 35.7 53.5
54 46.8 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

Tgt Ion: 164 Resp: 305586
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 45.5 34.5 51.7

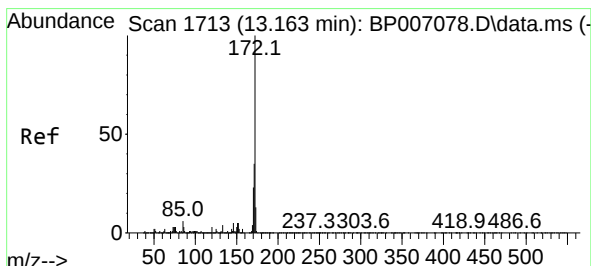
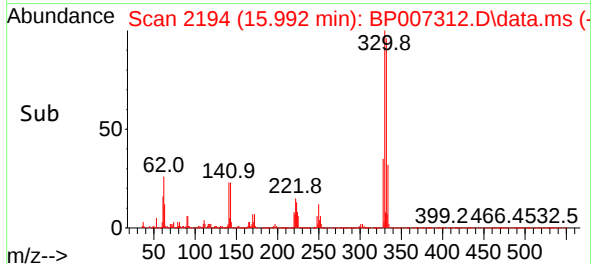
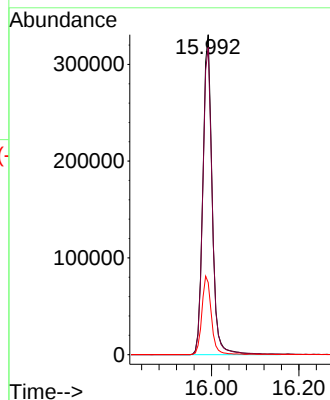
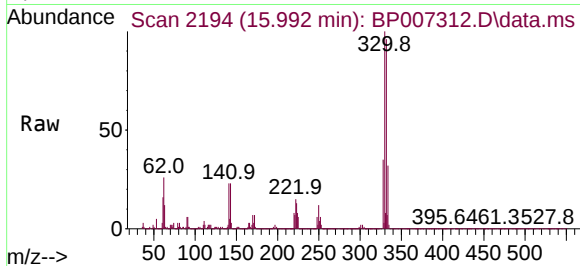




#42
2,4,6-Tribromophenol
Concen: 123.923 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

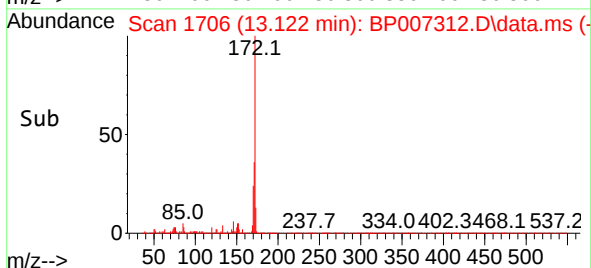
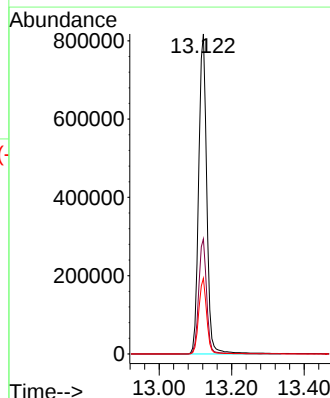
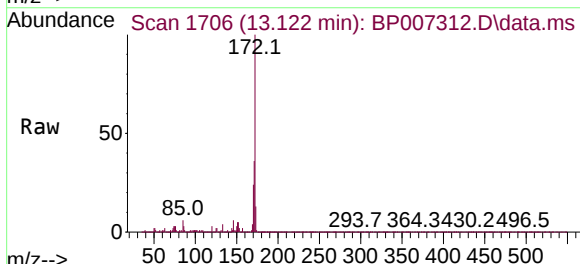
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ClientSampleId :
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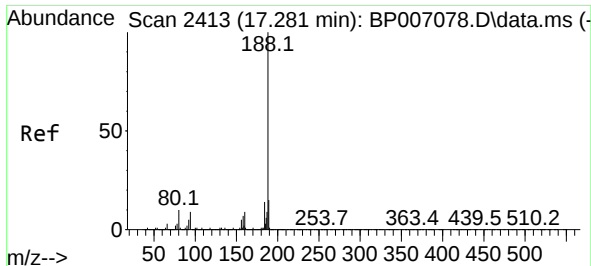
Tgt Ion:330 Resp: 490956
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 24.8 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 59.252 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

Tgt Ion:172 Resp: 1263883
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 23.7 18.6 27.8

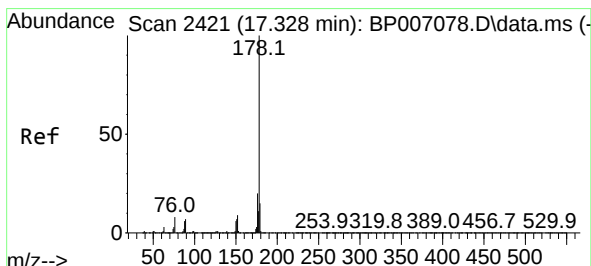
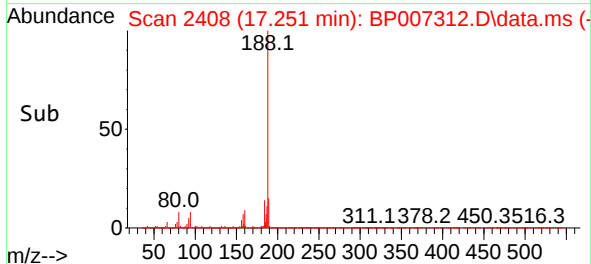
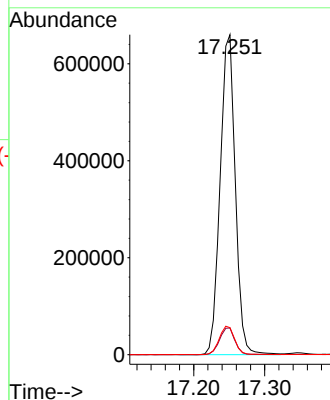
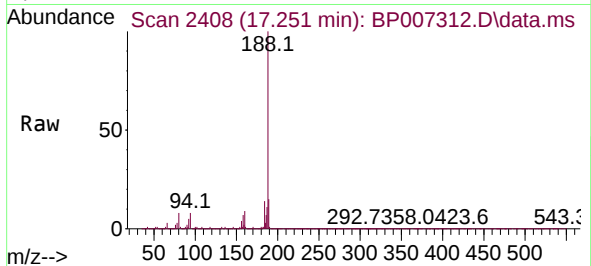




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

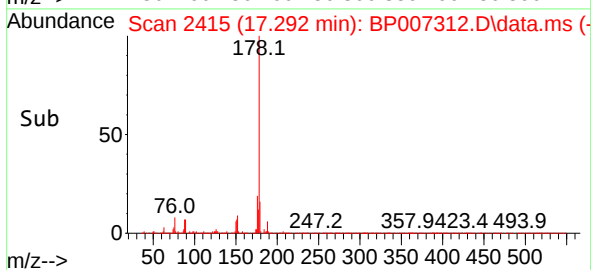
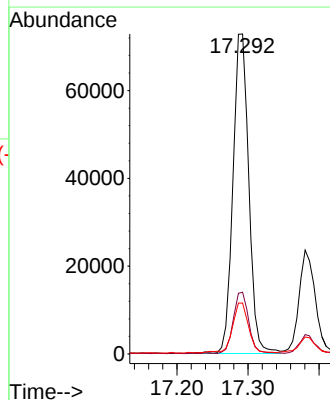
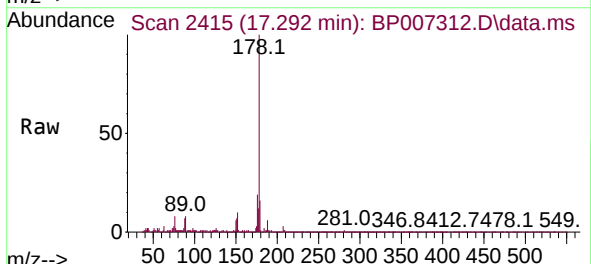
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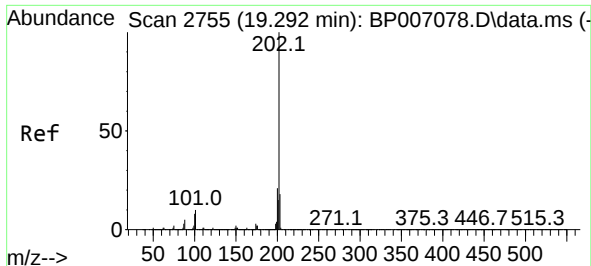
Tgt Ion:188	Resp:	975777
Ion Ratio	Lower	Upper
188	100	
94	8.4	5.6 8.4
80	8.4	6.3 9.5



#71
Phenanthrene
Concen: 2.162 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

Tgt Ion:178	Resp:	113131
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.1 22.7
179	15.9	12.4 18.6

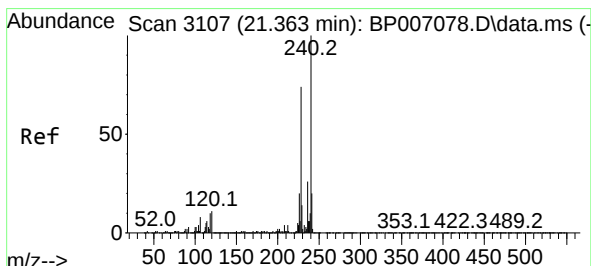
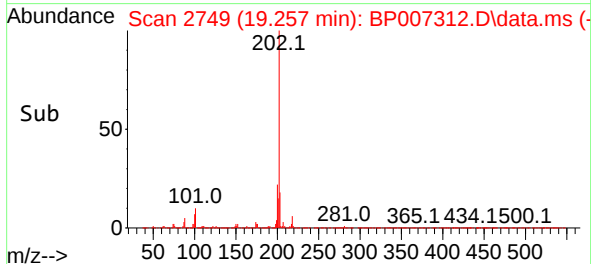
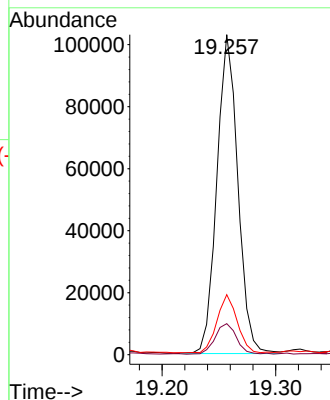
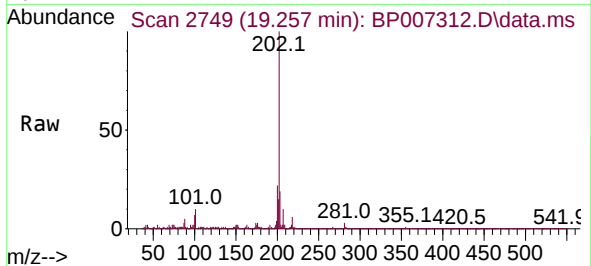




#75
Fluoranthene
Concen: 2.191 ng
RT: 19.257 min Scan# 2749
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

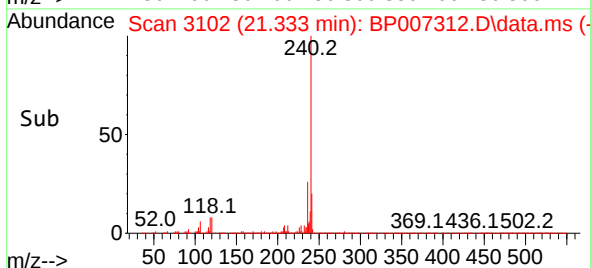
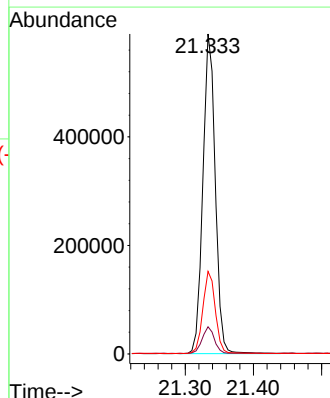
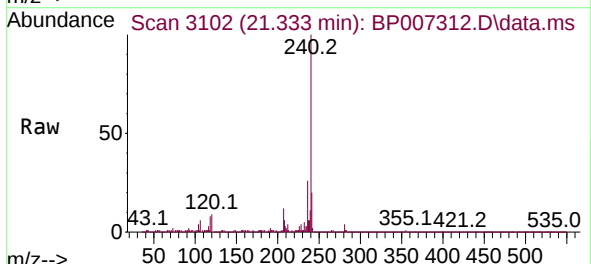
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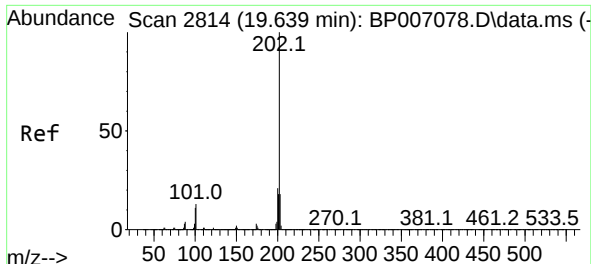
Tgt Ion:	202	Resp:	132052
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	27.6
203	18.8	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP007312.D
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Tgt Ion:	240	Resp:	743636
Ion Ratio	Lower	Upper	
240	100		
120	8.5	6.5	9.7
236	25.8	20.6	31.0

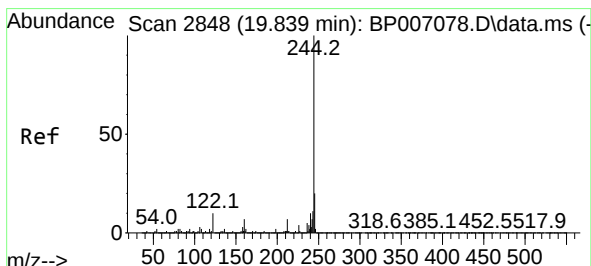
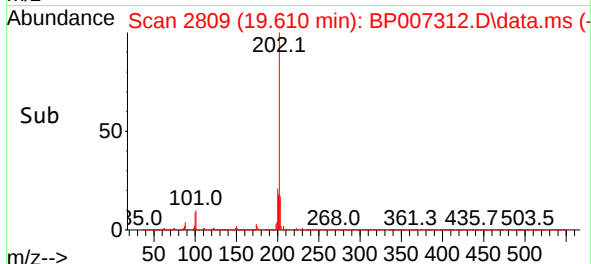
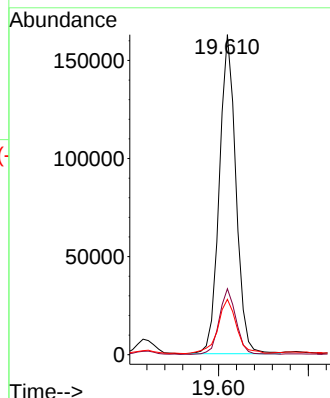
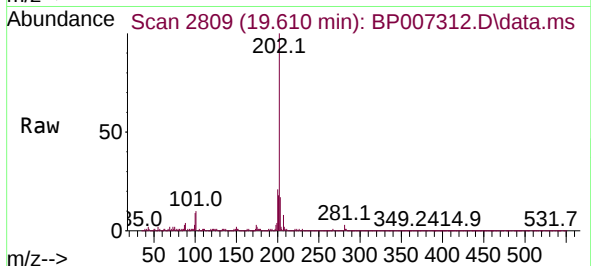




#78
Pyrene
Concen: 4.280 ng
RT: 19.610 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

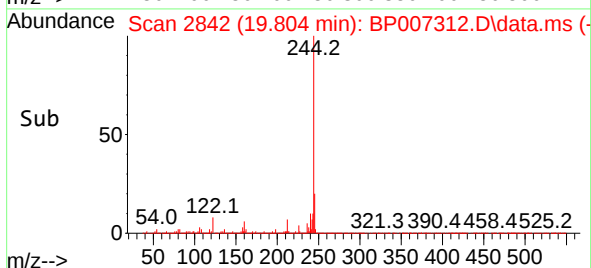
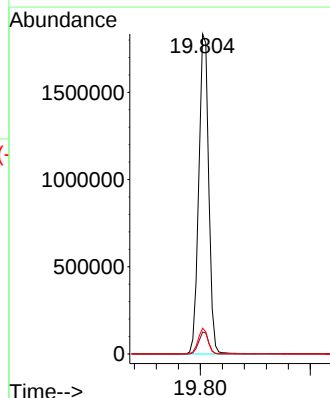
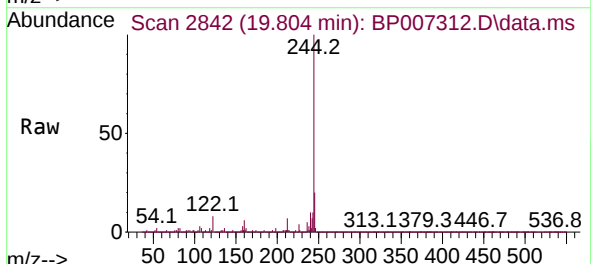
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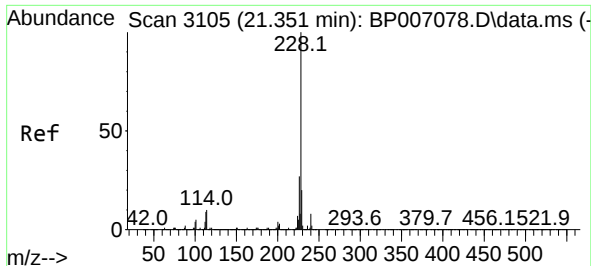
Tgt Ion:202 Resp: 208840
Ion Ratio Lower Upper
202 100
200 20.6 16.3 24.5
203 17.3 14.2 21.2



#79
Terphenyl-d14
Concen: 59.475 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

Tgt Ion:244 Resp: 2308023
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 8.1 7.1 10.7

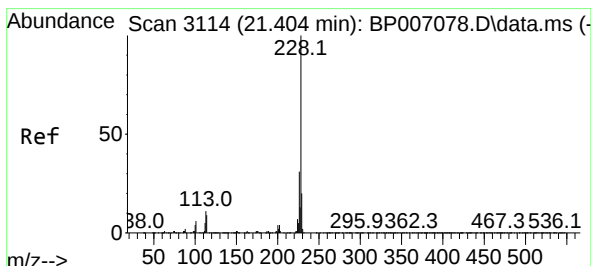
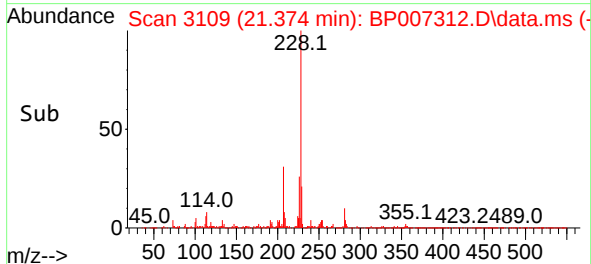
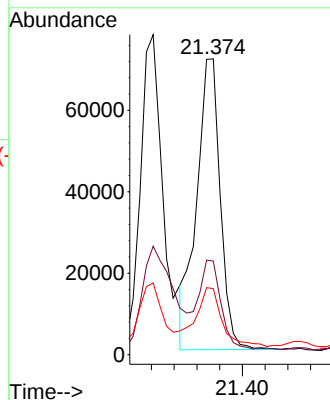
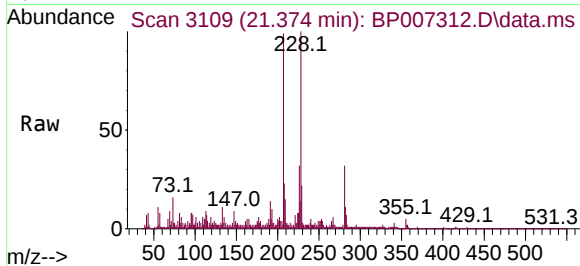




#81
Benzo(a)anthracene
Concen: 2.148 ng
RT: 21.374 min Scan# 3109
Delta R.T. 0.047 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

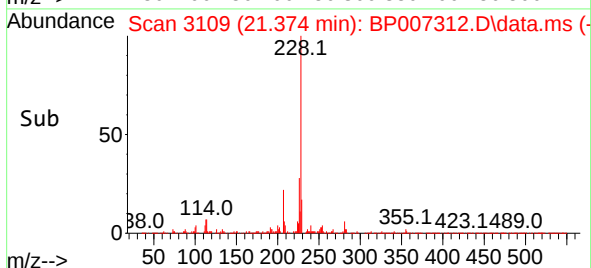
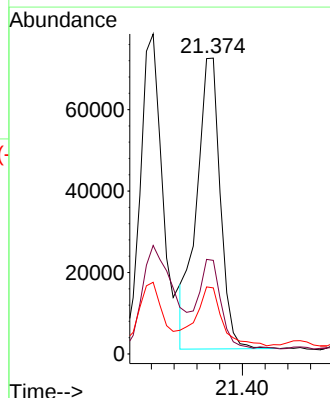
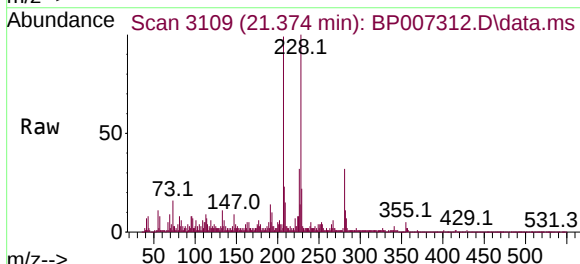
Instrument :
BNA_P
ClientSampleId :
HR-03-100121

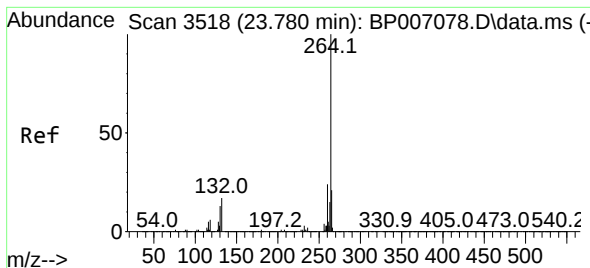
Tgt Ion:228 Resp: 103664
Ion Ratio Lower Upper
228 100
226 31.7 21.6 32.4
229 22.3 15.8 23.6



#83
Chrysene
Concen: 2.247 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

Tgt Ion:228 Resp: 103664
Ion Ratio Lower Upper
228 100
226 31.7 23.8 35.6
229 22.3 15.4 23.2

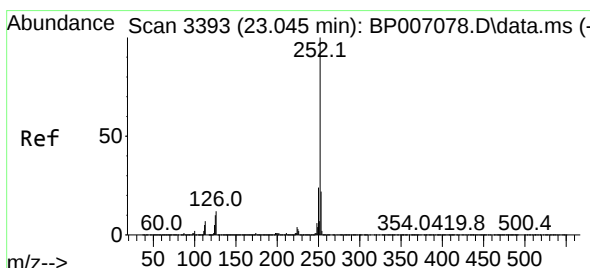
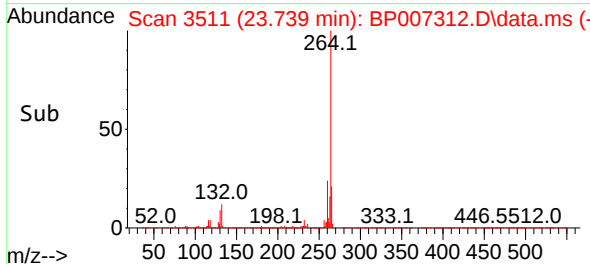
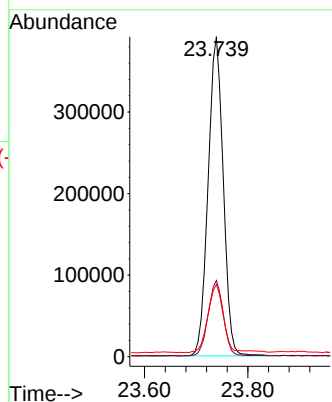
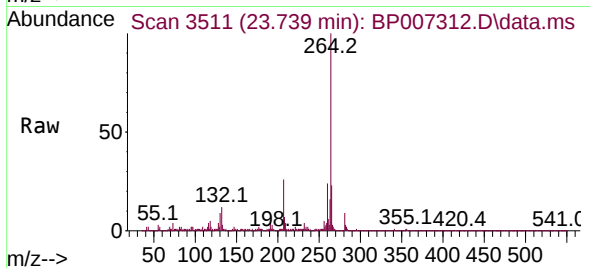




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.739 min Scan# 3511
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

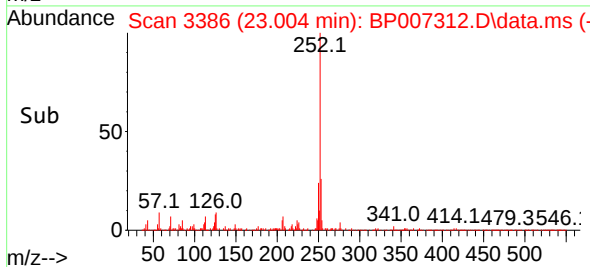
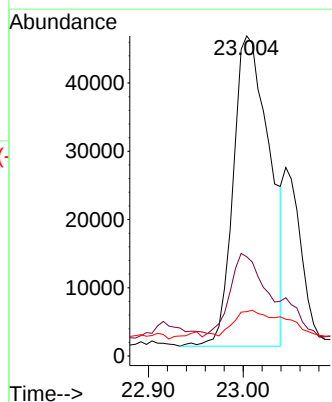
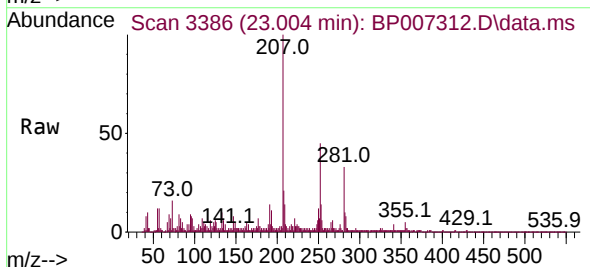
Instrument :
BNA_P
ClientSampleId :
HR-03-100121

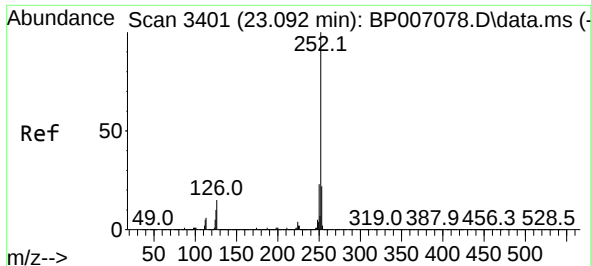
Tgt Ion:264 Resp: 794956
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 22.6 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 2.555 ng
RT: 23.004 min Scan# 3386
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

Tgt Ion:252 Resp: 121390
Ion Ratio Lower Upper
252 100
253 31.0 17.5 26.3#
125 13.8 6.2 9.4#

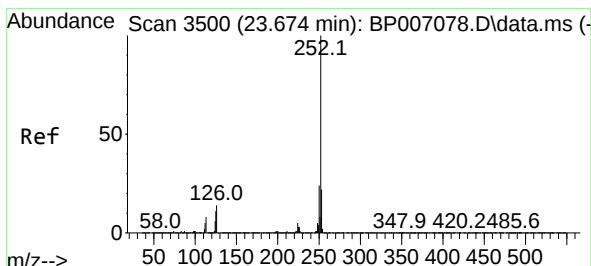
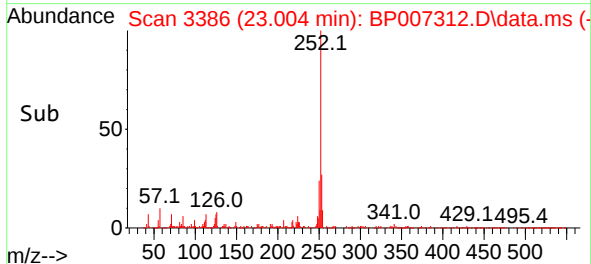
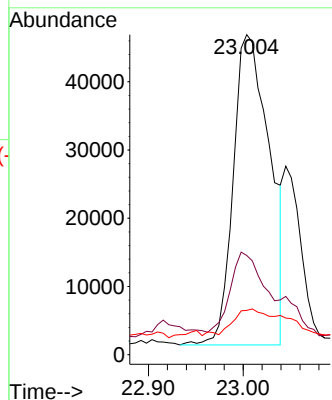
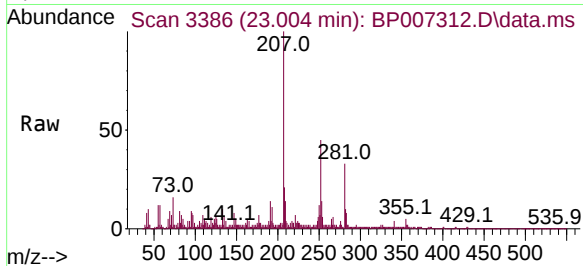




#89
Benzo(k)fluoranthene
Concen: 2.524 ng
RT: 23.004 min Scan# 3386
Delta R.T. -0.053 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

Instrument :
BNA_P
ClientSampleId :
HR-03-100121

Tgt Ion:252 Resp: 121390
Ion Ratio Lower Upper
252 100
253 31.0 17.6 26.4#
125 13.8 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 2.392 ng
RT: 23.633 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

Tgt Ion:252 Resp: 96534
Ion Ratio Lower Upper
252 100
253 25.8 17.9 26.9
125 14.2 6.5 9.7#

