

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
 Data File : BP007042.D
 Acq On : 18 Sep 2021 00:10
 Operator : CG/JU
 Sample : M3731-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-02-091421

Quant Time: Sep 18 00:59:02 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 17 10:50:16 2021
 Response via : Initial Calibration

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

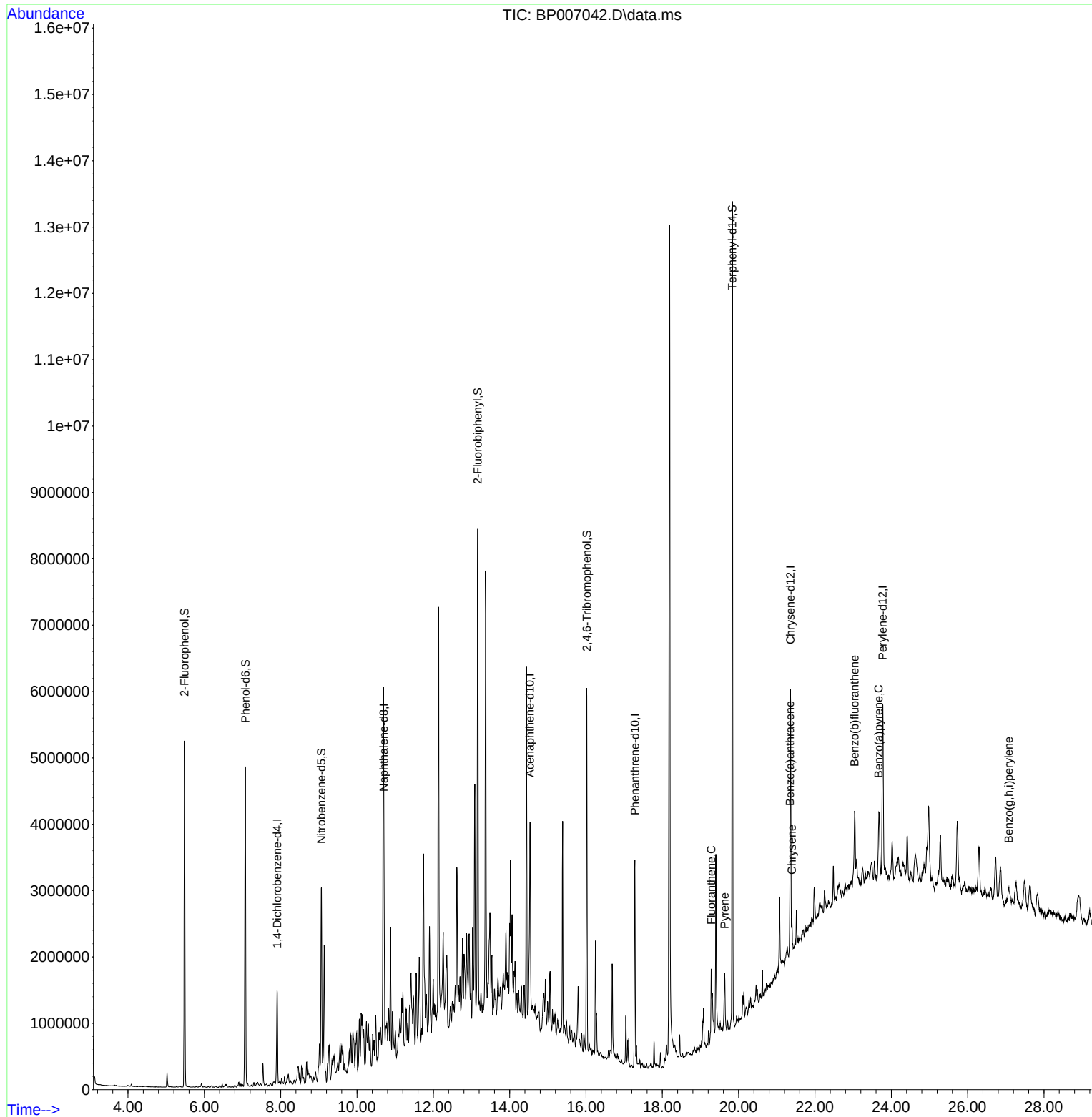
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	406110	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1546619	20.000	ng	# 0.00
39) Acenaphthene-d10	14.534	164	954369	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	1947132	20.000	ng	# 0.00
76) Chrysene-d12	21.357	240	1867913	20.000	ng	#-0.01
86) Perylene-d12	23.774	264	1971065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2414668	97.091	ng	0.00
7) Phenol-d6	7.075	99	3015729	88.841	ng	0.00
23) Nitrobenzene-d5	9.063	82	1706500	61.971	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	1094802	95.388	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	4004859	57.931	ng	0.00
79) Terphenyl-d14	19.833	244	5793405	59.507	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.281	202	486721	3.741	ng	96
78) Pyrene	19.633	202	476675	3.683	ng	99
81) Benzo(a)anthracene	21.345	228	282804	2.228	ng	# 89
83) Chrysene	21.392	228	293018	2.353	ng	# 90
88) Benzo(b)fluoranthene	23.039	252	403700	3.015	ng	# 67
90) Benzo(a)pyrene	23.669	252	296760	2.472	ng	# 78
92) Benzo(g,h,i)perylene	27.080	276	274821	2.201	ng	# 81

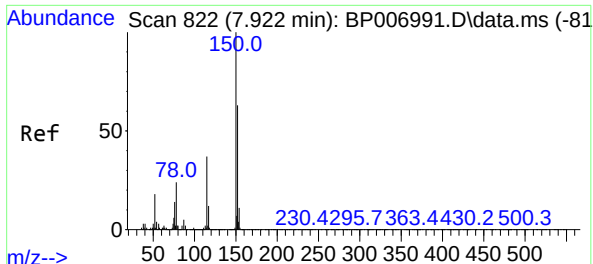
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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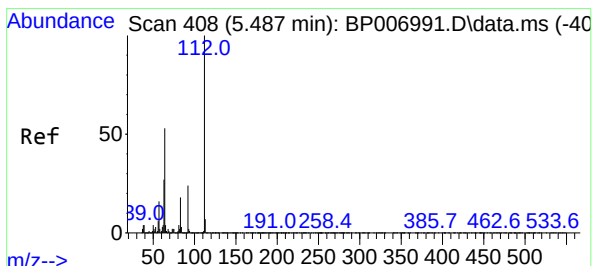
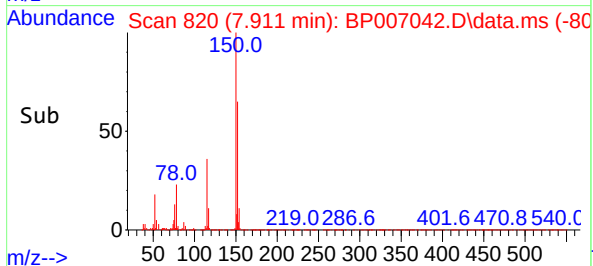
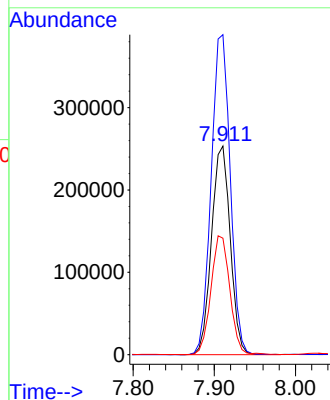
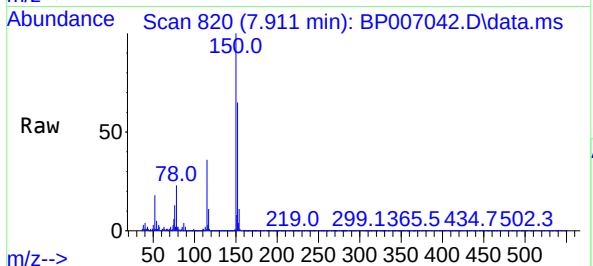




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 820
Delta R.T. 0.000 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

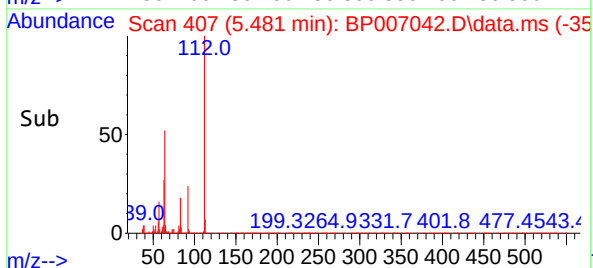
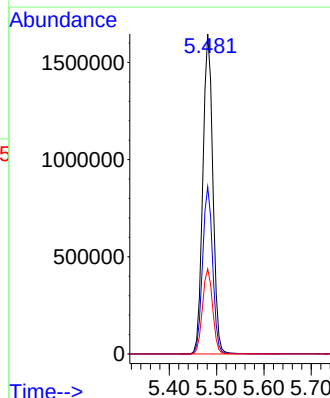
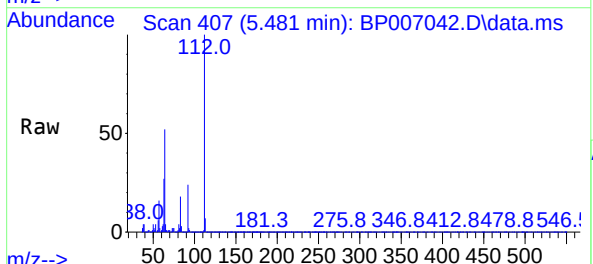
Instrument :
BNA_P
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HR-02-091421

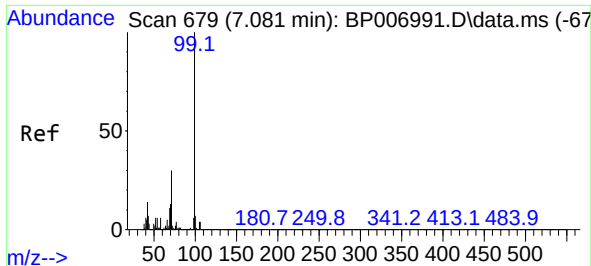
Tgt Ion:152 Resp: 406110
Ion Ratio Lower Upper
152 100
150 153.4 125.6 188.4
115 55.9 48.5 72.7



#5
2-Fluorophenol
Concen: 97.091 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

Tgt Ion:112 Resp: 2414668
Ion Ratio Lower Upper
112 100
64 52.2 41.4 62.2
63 26.6 23.8 35.8

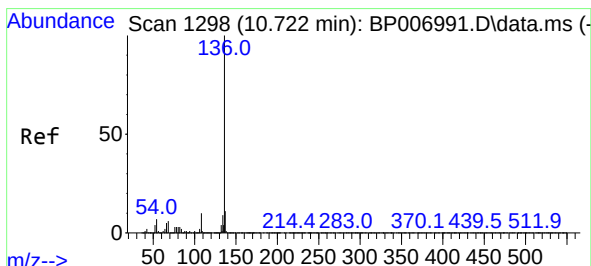
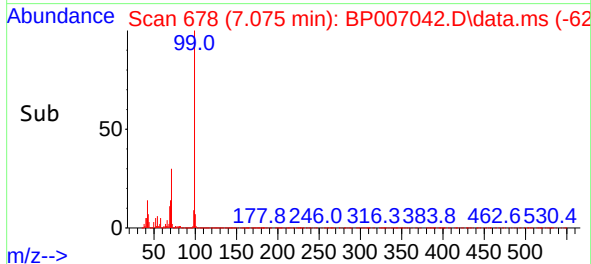
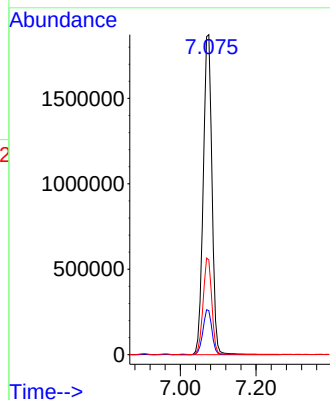
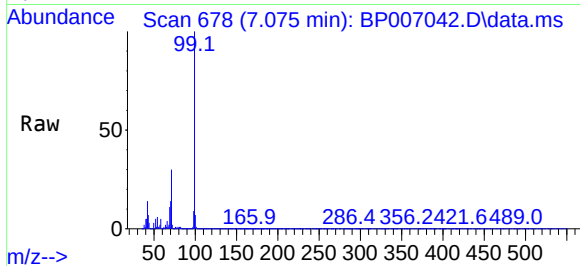




#7
Phenol-d6
Concen: 88.841 ng
RT: 7.075 min Scan# 678
Delta R.T. 0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

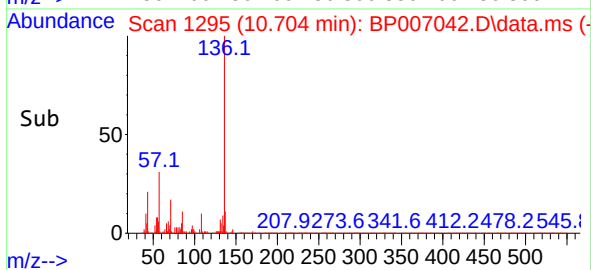
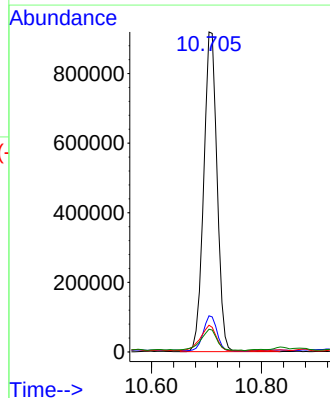
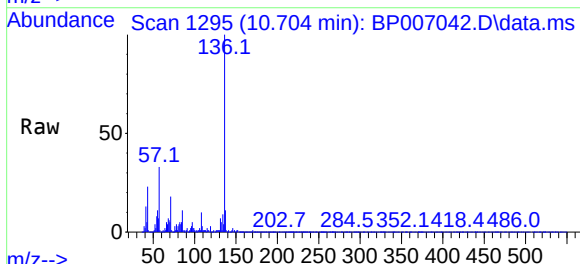
Instrument :
BNA_P
ClientSampleId :
HR-02-091421

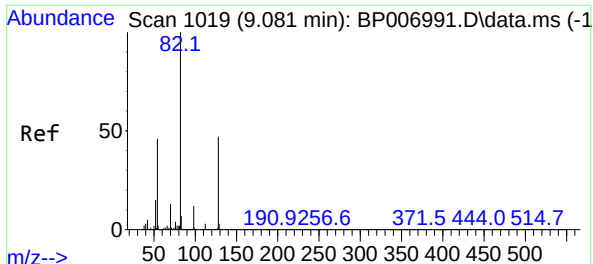
Tgt Ion: 99 Resp: 3015729
Ion Ratio Lower Upper
99 100
42 13.8 13.4 20.0
71 29.6 30.6 46.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

Tgt Ion:136 Resp: 1546619
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 8.4 4.6 6.8#
68 7.1 3.6 5.4#

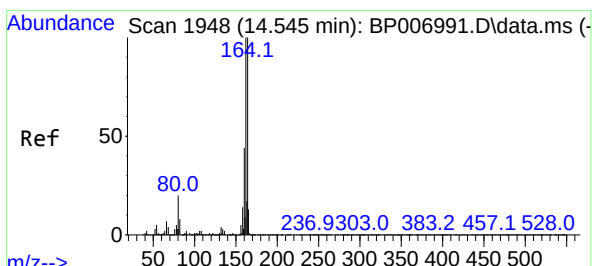
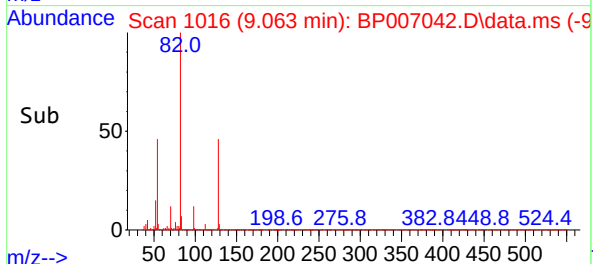
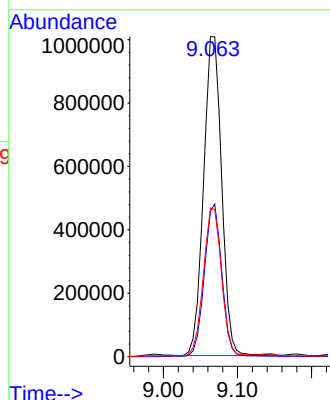
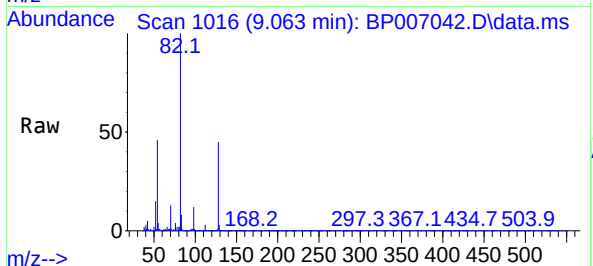




#23
Nitrobenzene-d5
Concen: 61.971 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

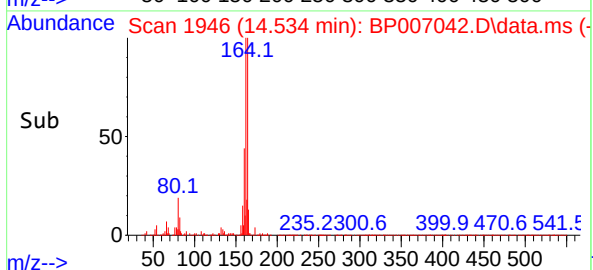
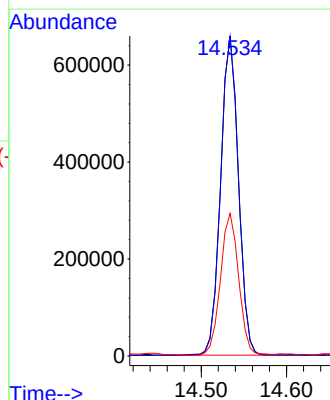
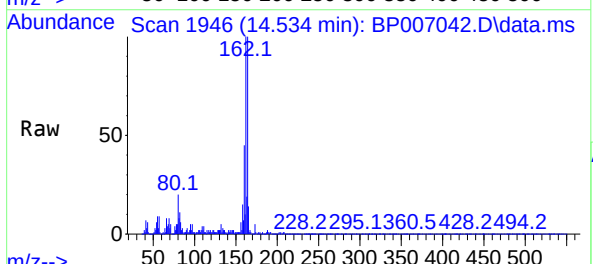
Instrument :
BNA_P
ClientSampleId :
HR-02-091421

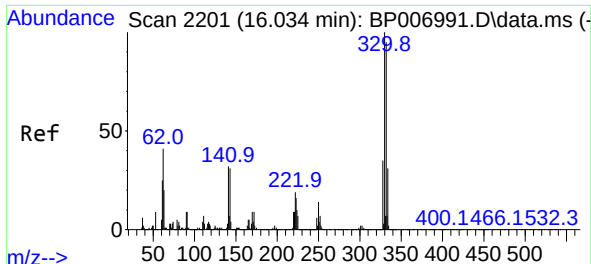
Tgt Ion: 82 Resp: 1706500
Ion Ratio Lower Upper
82 100
128 45.4 35.7 53.5
54 46.5 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

Tgt Ion:164 Resp: 954369
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.2
160 44.6 34.5 51.7

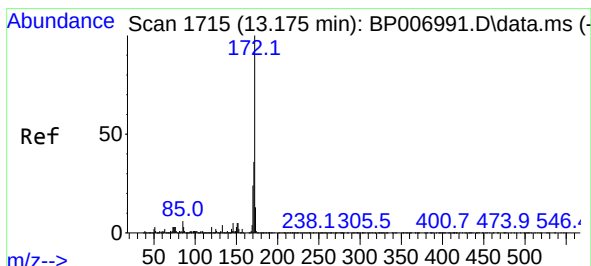
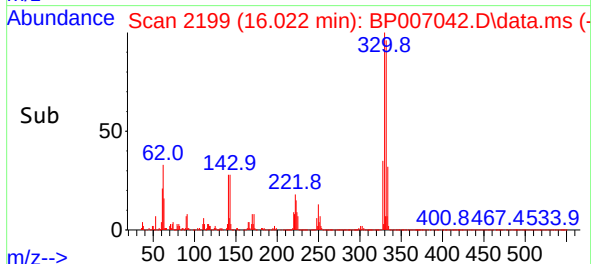
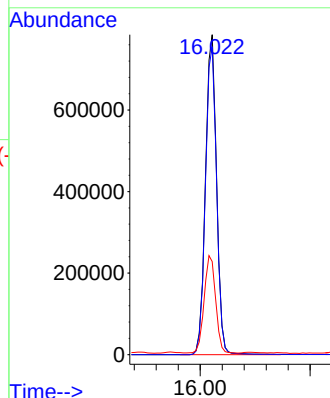
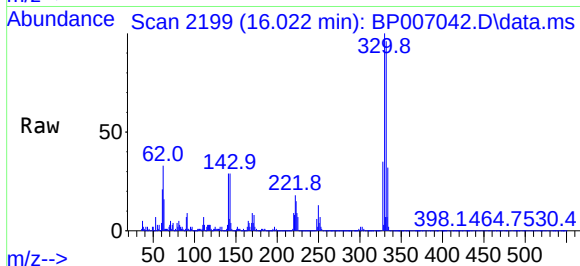




#42
2,4,6-Tribromophenol
Concen: 95.388 ng
RT: 16.022 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

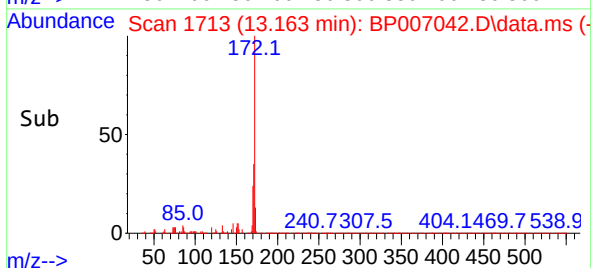
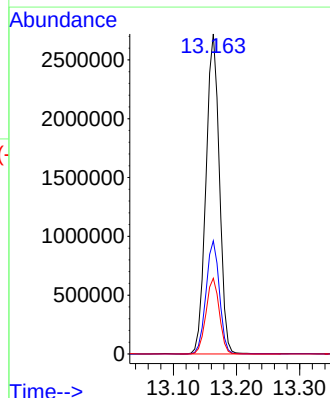
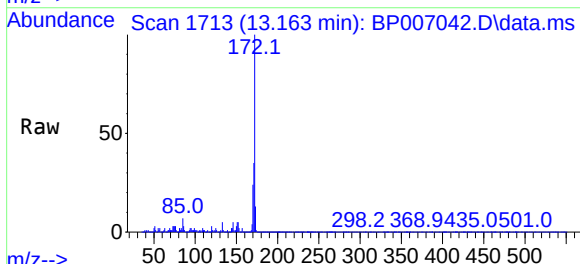
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HR-02-091421

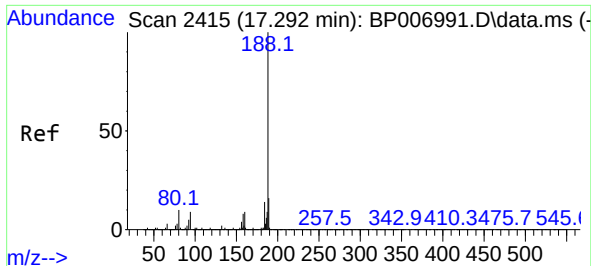
Tgt Ion:330 Resp: 1094802
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 31.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 57.931 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

Tgt Ion:172 Resp: 4004859
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.7 18.6 27.8

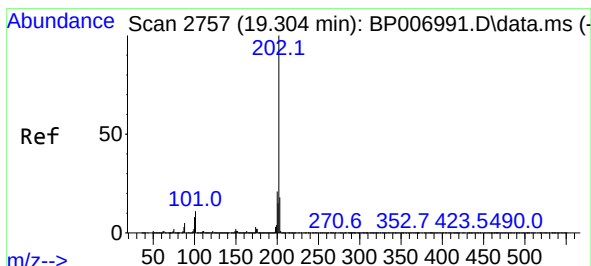
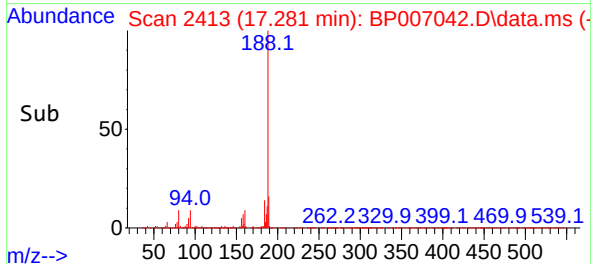
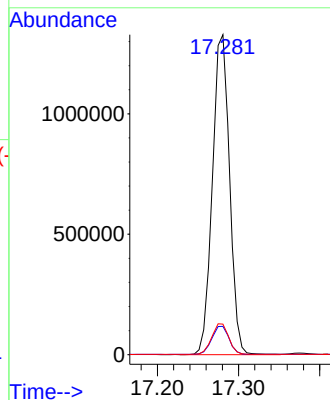
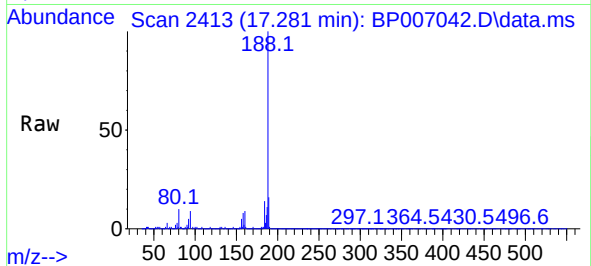




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.281 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

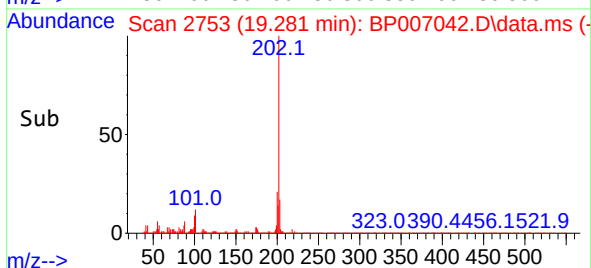
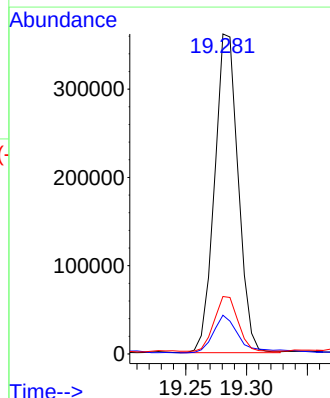
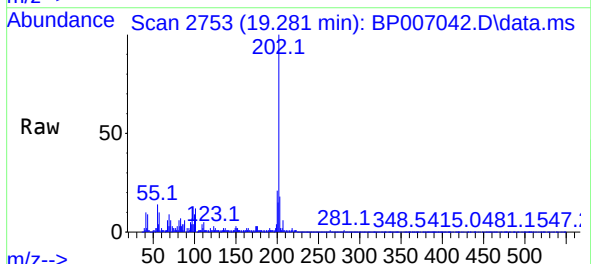
Instrument :
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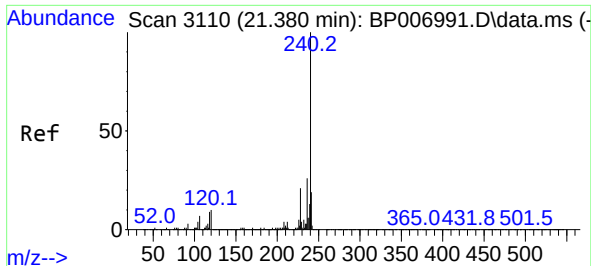
Tgt Ion:188 Resp: 1947132
Ion Ratio Lower Upper
188 100
94 8.9 5.6 8.4#
80 9.6 6.3 9.5#



#75
Fluoranthene
Concen: 3.741 ng
RT: 19.281 min Scan# 2753
Delta R.T. -0.012 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

Tgt Ion:202 Resp: 486721
Ion Ratio Lower Upper
202 100
101 12.1 0.0 27.6
203 17.9 0.0 37.8

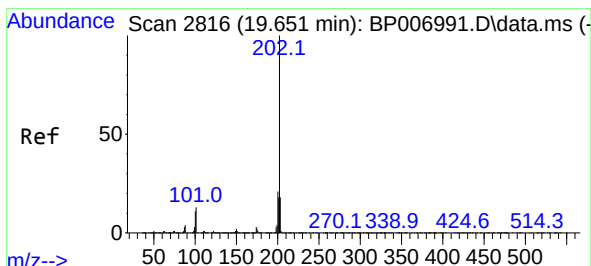
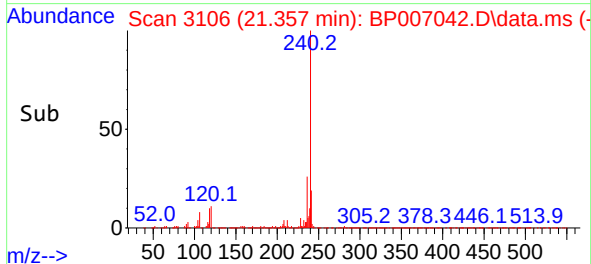
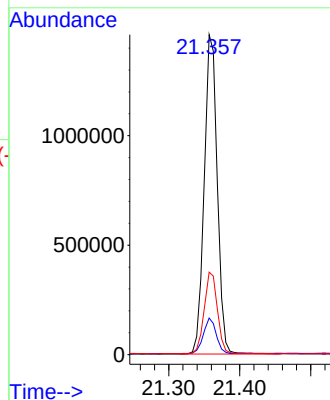
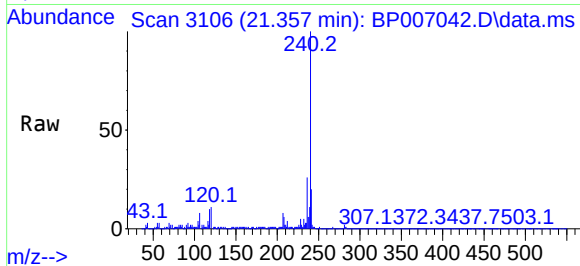




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

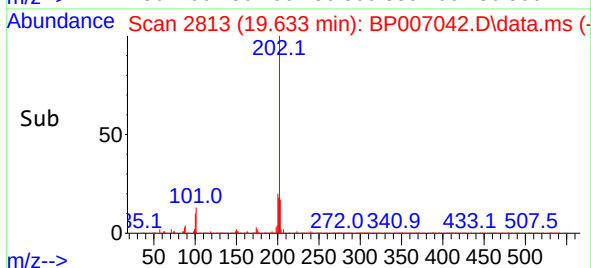
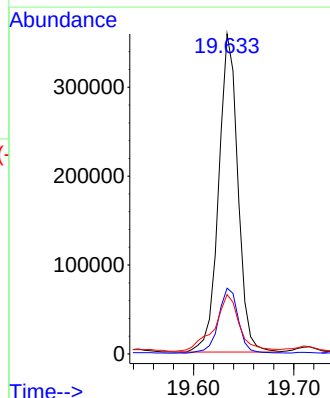
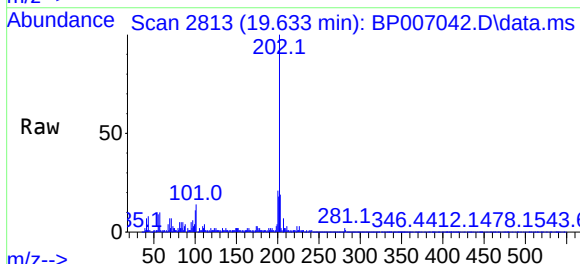
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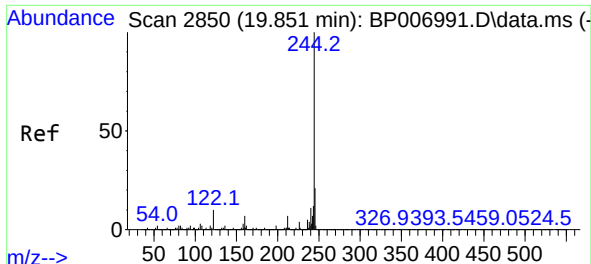
Tgt Ion:240 Resp: 1867913
Ion Ratio Lower Upper
240 100
120 11.5 6.5 9.7#
236 25.8 20.6 31.0



#78
Pyrene
Concen: 3.683 ng
RT: 19.633 min Scan# 2813
Delta R.T. -0.012 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

Tgt Ion:202 Resp: 476675
Ion Ratio Lower Upper
202 100
200 20.5 16.3 24.5
203 18.5 14.2 21.2

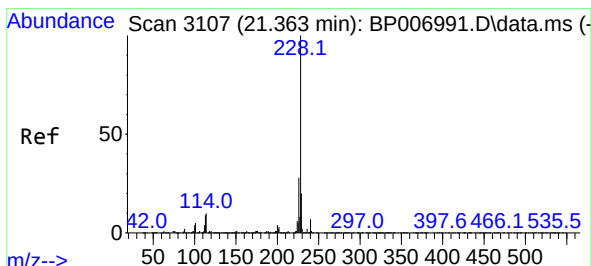
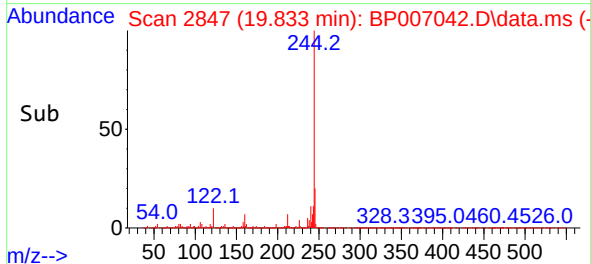
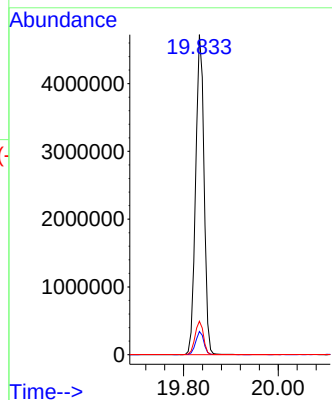
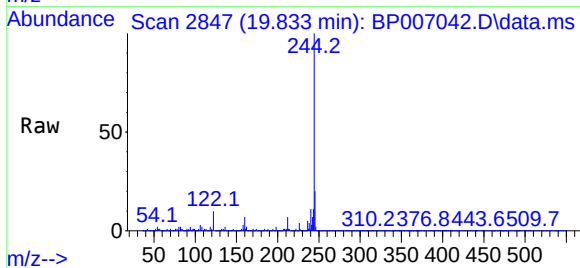




#79
 Terphenyl-d14
 Concen: 59.507 ng
 RT: 19.833 min Scan# 2847
 Delta R.T. -0.006 min
 Lab File: BP007042.D
 Acq: 18 Sep 2021 00:10

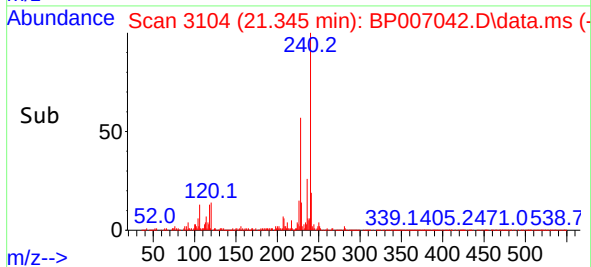
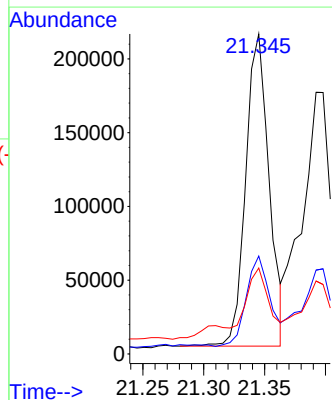
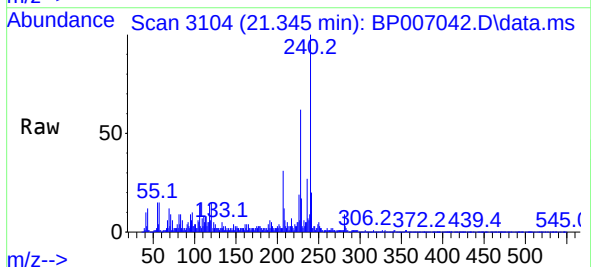
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 HR-02-091421

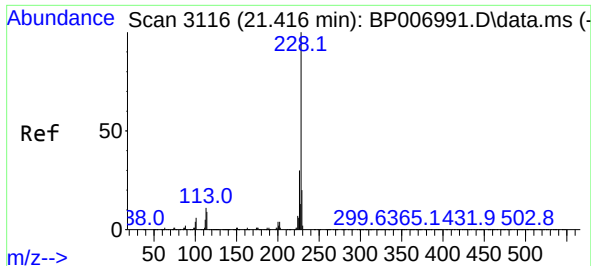
Tgt Ion:244 Resp: 5793405
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.5 7.1 10.7



#81
 Benzo(a)anthracene
 Concen: 2.228 ng
 RT: 21.345 min Scan# 3104
 Delta R.T. -0.006 min
 Lab File: BP007042.D
 Acq: 18 Sep 2021 00:10

Tgt Ion:228 Resp: 282804
 Ion Ratio Lower Upper
 228 100
 226 30.6 21.6 32.4
 229 26.8 15.8 23.6#

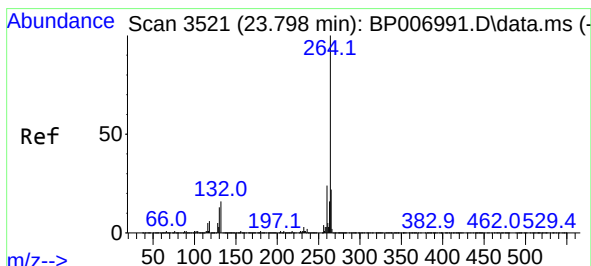
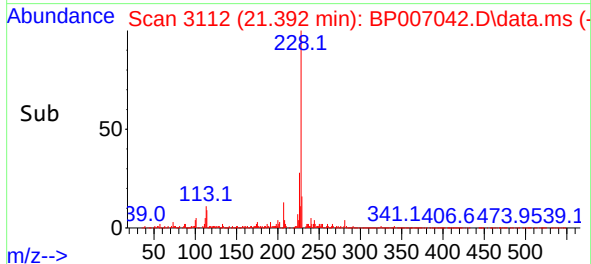
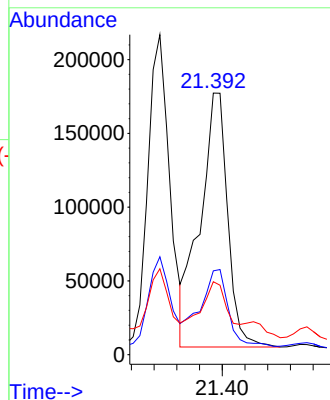
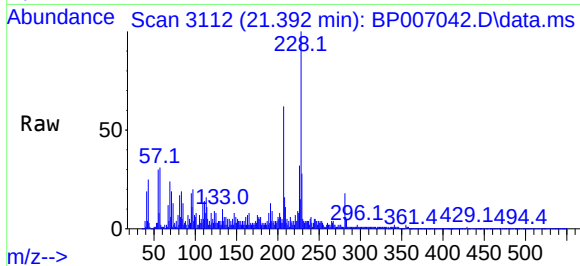




#83
Chrysene
Concen: 2.353 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

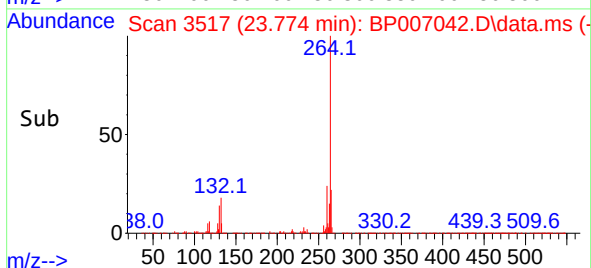
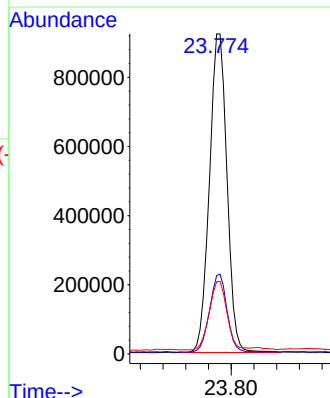
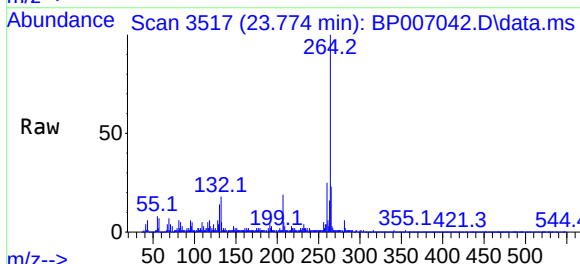
Instrument :
BNA_P
ClientSampleId :
HR-02-091421

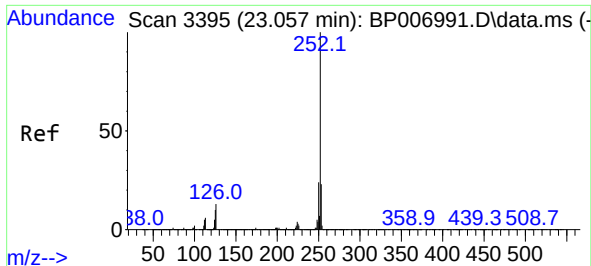
Tgt Ion:228 Resp: 293018
Ion Ratio Lower Upper
228 100
226 32.0 23.8 35.6
229 27.9 15.4 23.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3517
Delta R.T. -0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

Tgt Ion:264 Resp: 1971065
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 22.6 17.6 26.4

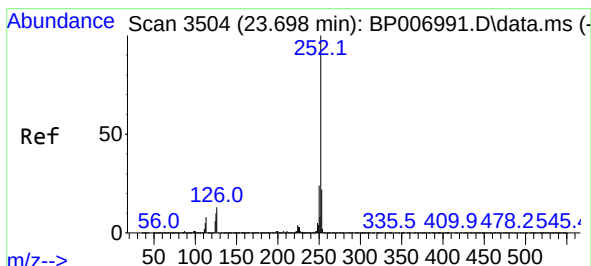
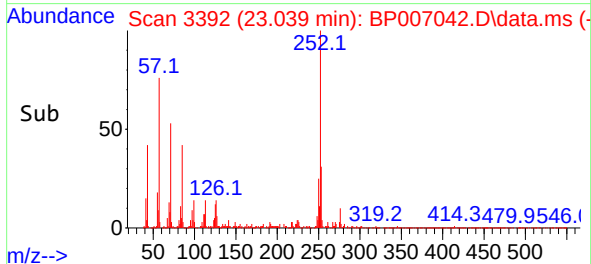
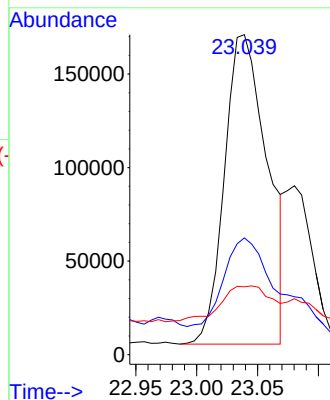
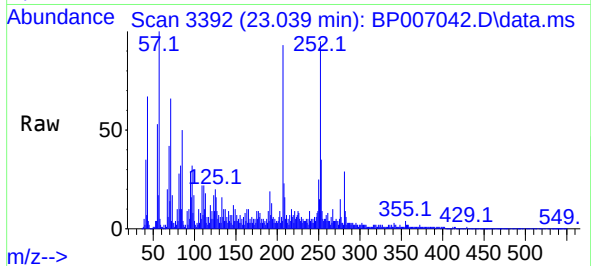




#88
Benzo(b)fluoranthene
Concen: 3.015 ng
RT: 23.039 min Scan# 3392
Delta R.T. -0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

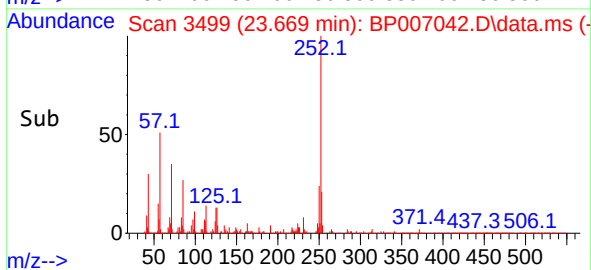
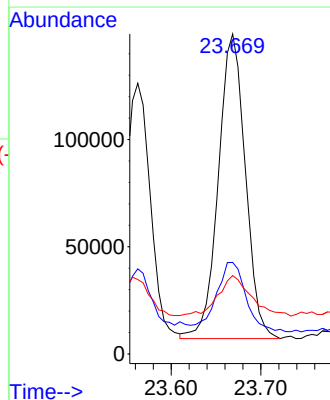
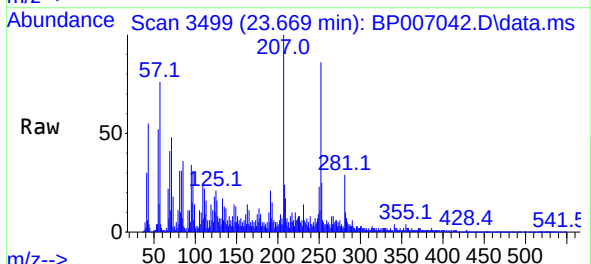
Instrument :
BNA_P
ClientSampleId :
HR-02-091421

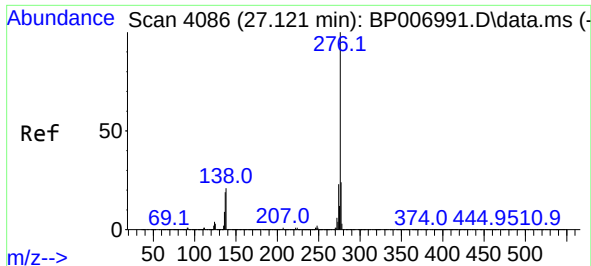
Tgt Ion:252 Resp: 403700
Ion Ratio Lower Upper
252 100
253 36.5 17.5 26.3#
125 21.2 6.2 9.4#



#90
Benzo(a)pyrene
Concen: 2.472 ng
RT: 23.669 min Scan# 3499
Delta R.T. -0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

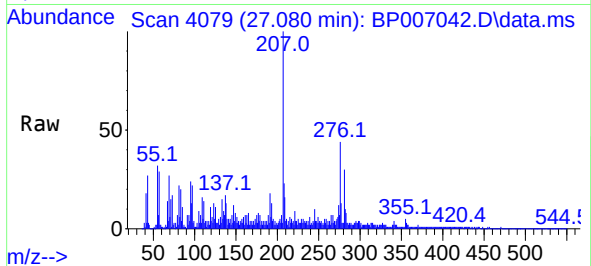
Tgt Ion:252 Resp: 296760
Ion Ratio Lower Upper
252 100
253 28.6 17.9 26.9#
125 24.5 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 2.201 ng
RT: 27.080 min Scan# 4079
Delta R.T. -0.006 min
Lab File: BP007042.D
Acq: 18 Sep 2021 00:10

Instrument :
BNA_P
ClientSampleId :
HR-02-091421



Tgt Ion: 276 Resp: 274821
Ion Ratio Lower Upper
276 100
277 29.2 18.9 28.3#
138 28.5 12.6 18.8#

