

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
 Data File : BP008361.D
 Acq On : 11 Dec 2021 02:45
 Operator : CG/JU
 Sample : M4973-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-02-120821

Quant Time: Dec 11 04:03:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 03:53:01 2021
 Response via : Initial Calibration

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

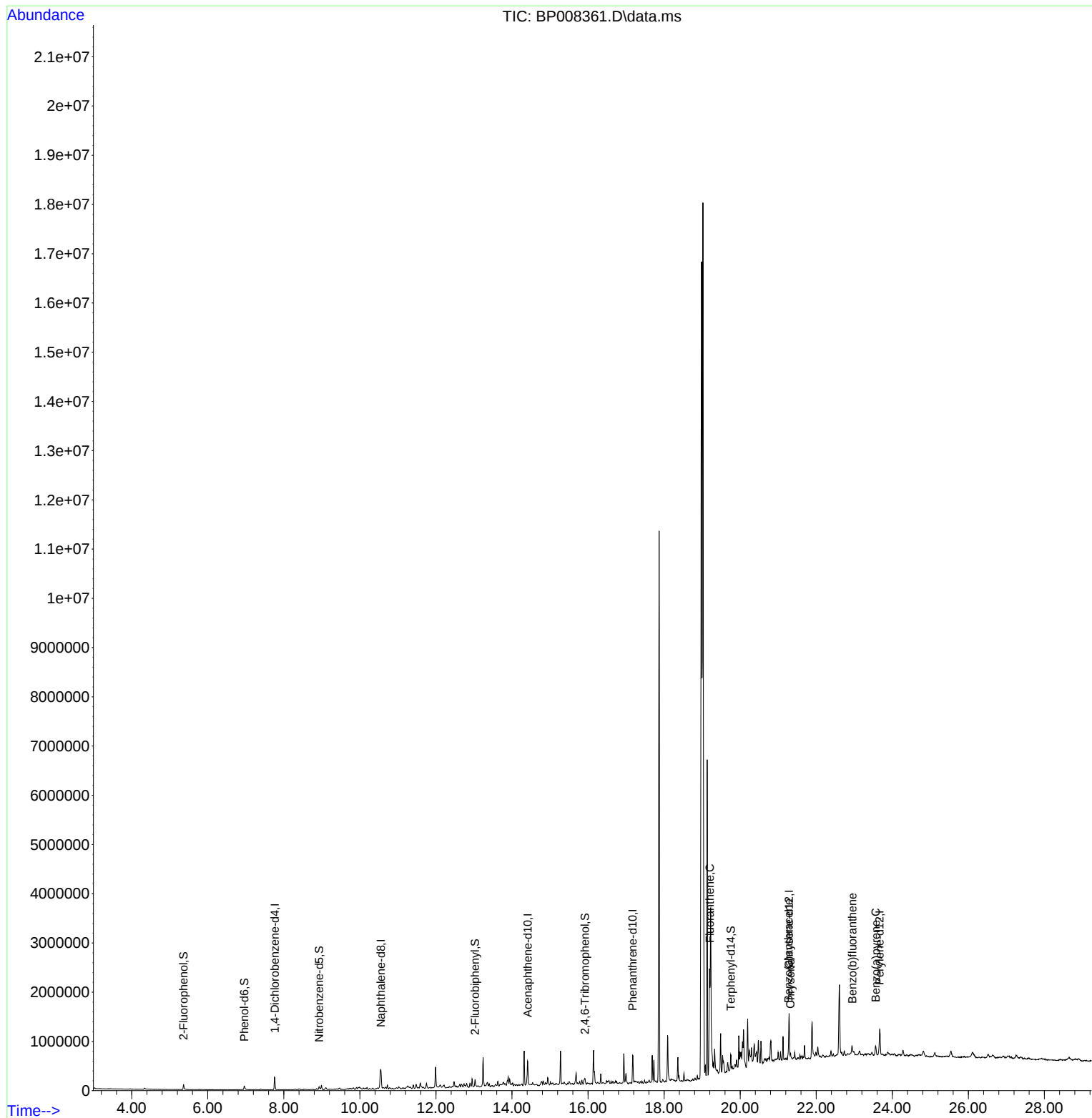
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	67065	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	239955	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	154767	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	337260	20.000	ng	0.00
76) Chrysene-d12	21.286	240	410005	20.000	ng	0.00
86) Perylene-d12	23.668	264	415034	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.364	112	42512	10.206	ng	0.00
7) Phenol-d6	6.963	99	50959	9.063	ng	0.01
23) Nitrobenzene-d5	8.928	82	36443	6.906	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	21590	10.914	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	75862	7.120	ng	0.00
79) Terphenyl-d14	19.757	244	147638	7.526	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.204	202	92301	3.848	ng	94
81) Benzo(a)anthracene	21.269	228	60424	2.224	ng	# 93
83) Chrysene	21.321	228	56041	2.167	ng	# 88
88) Benzo(b)fluoranthene	22.951	252	79230	3.167	ng	# 79
90) Benzo(a)pyrene	23.568	252	61630	2.882	ng	# 84

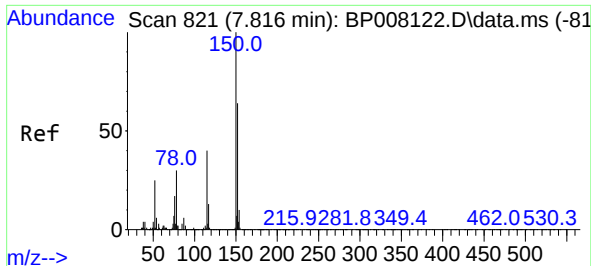
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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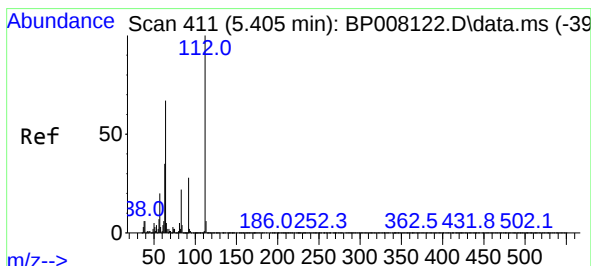
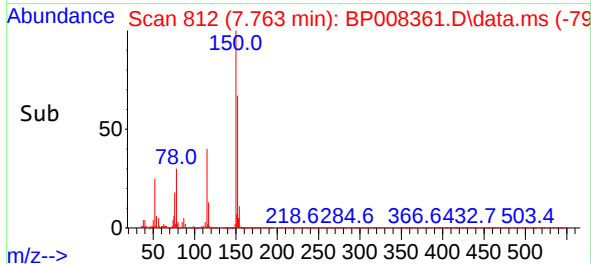
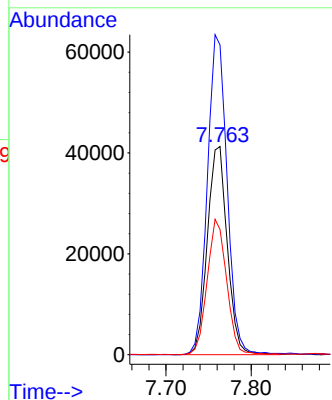
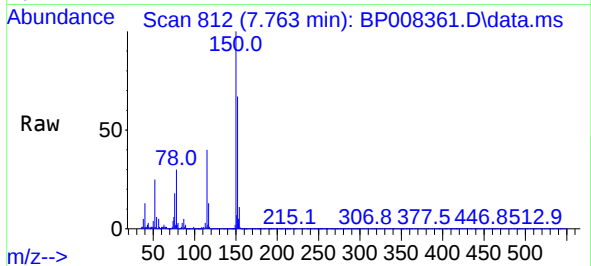




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP008361.D
Acq: 11 Dec 2021 02:45

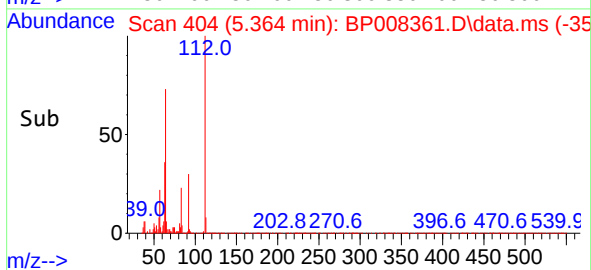
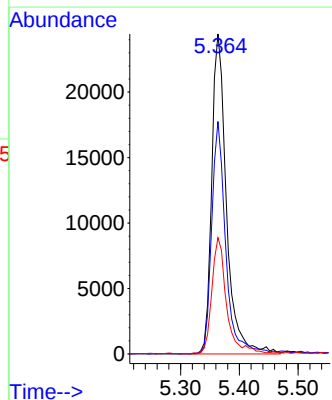
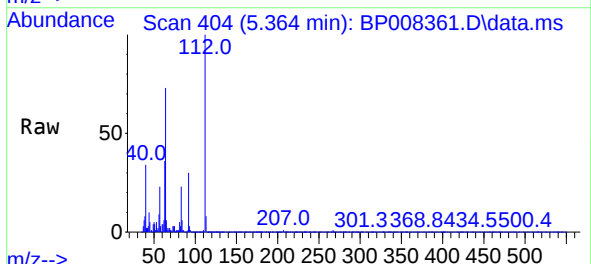
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BNA_P
ClientSampleId :
HD-02-120821

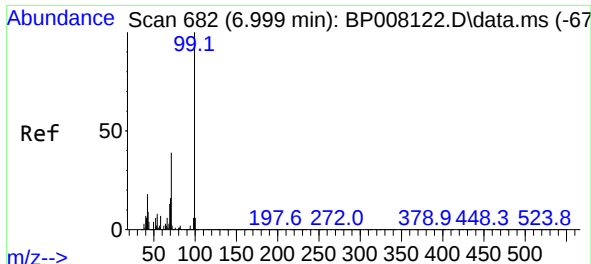
Tgt Ion:152 Resp: 67065
Ion Ratio Lower Upper
152 100
150 148.7 125.7 188.5
115 60.1 50.7 76.1



#5
2-Fluorophenol
Concen: 10.206 ng
RT: 5.364 min Scan# 404
Delta R.T. 0.006 min
Lab File: BP008361.D
Acq: 11 Dec 2021 02:45

Tgt Ion:112 Resp: 42512
Ion Ratio Lower Upper
112 100
64 72.7 53.4 80.2
63 36.4 27.8 41.8

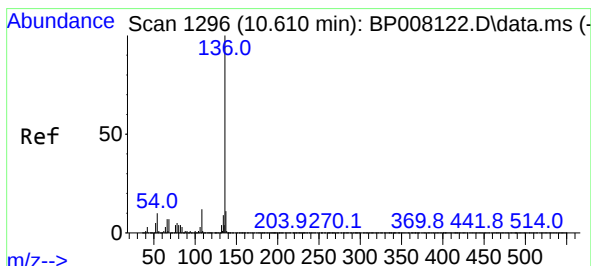
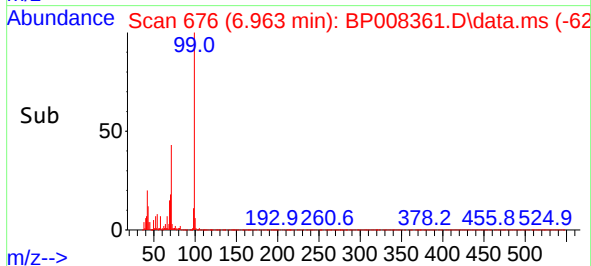
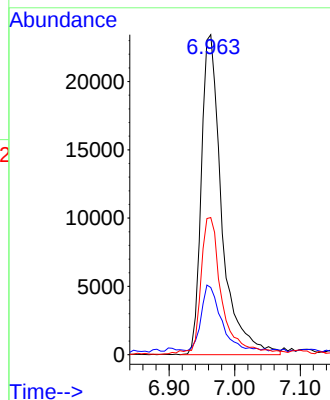
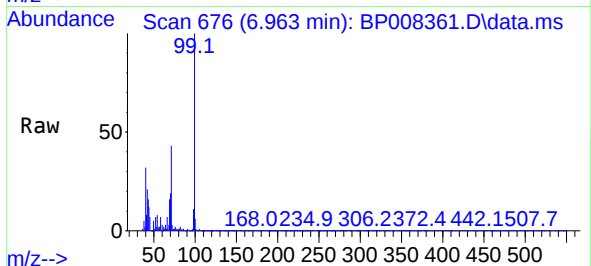




#7
Phenol-d6
Concen: 9.063 ng
RT: 6.963 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP008361.D
Acq: 11 Dec 2021 02:45

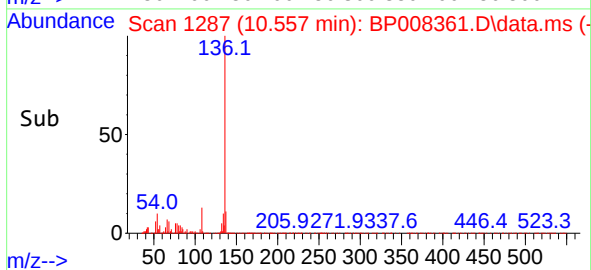
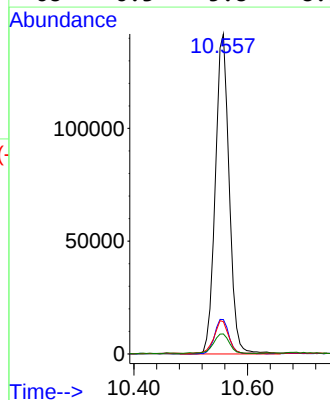
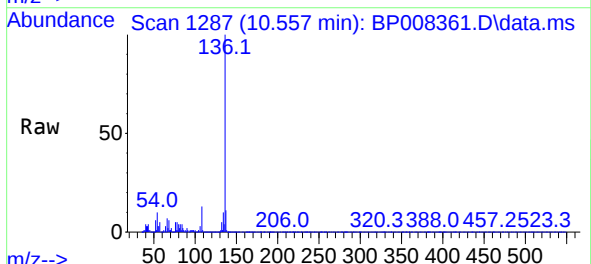
Instrument :
BNA_P
ClientSampleId :
HD-02-120821

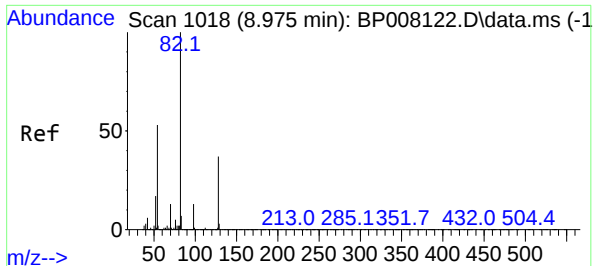
Tgt Ion: 99 Resp: 50959
Ion Ratio Lower Upper
99 100
42 21.0 14.6 22.0
71 42.8 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BP008361.D
Acq: 11 Dec 2021 02:45

Tgt Ion: 136 Resp: 239955
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 10.1 8.2 12.4
68 6.3 5.8 8.8

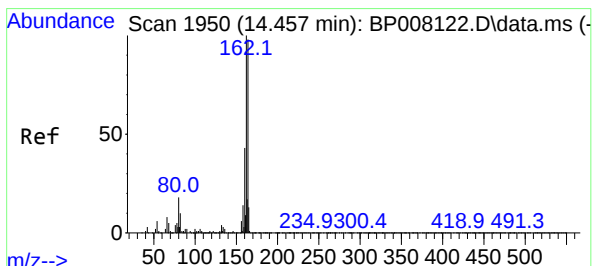
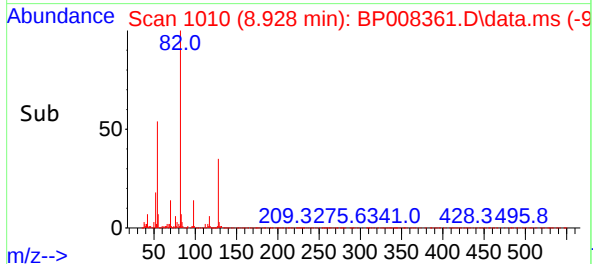
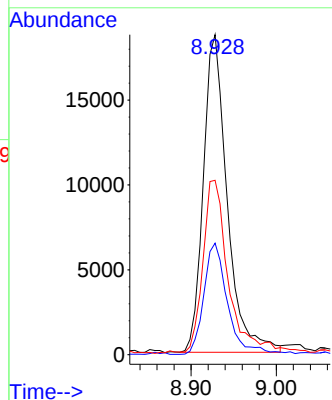
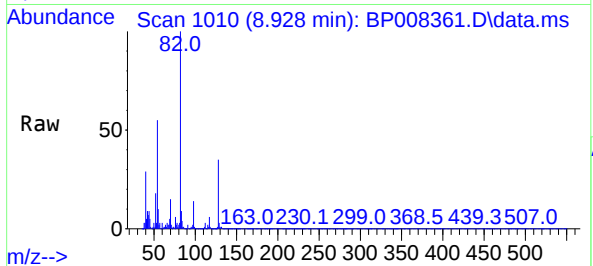




#23
Nitrobenzene-d5
Concen: 6.906 ng
RT: 8.928 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BP008361.D
Acq: 11 Dec 2021 02:45

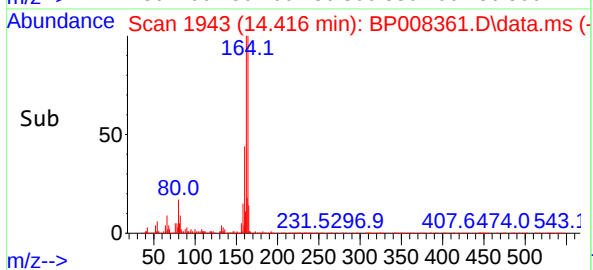
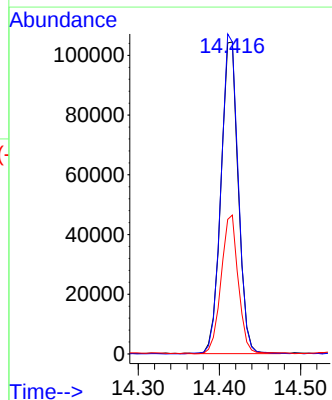
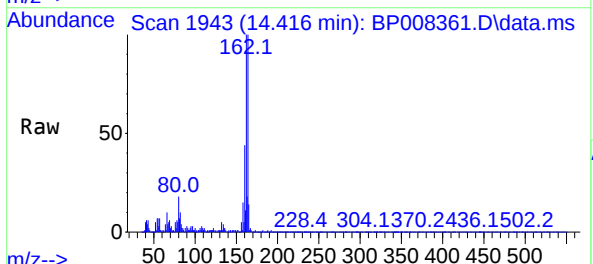
Instrument :
BNA_P
ClientSampleId :
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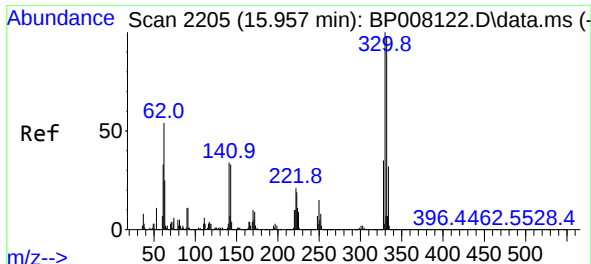
Tgt Ion: 82 Resp: 36443
Ion Ratio Lower Upper
82 100
128 34.9 29.6 44.4
54 54.5 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BP008361.D
Acq: 11 Dec 2021 02:45

Tgt Ion: 164 Resp: 154767
Ion Ratio Lower Upper
164 100
162 100.0 81.9 122.9
160 44.5 35.4 53.0

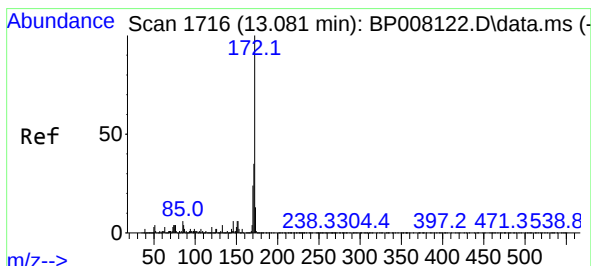
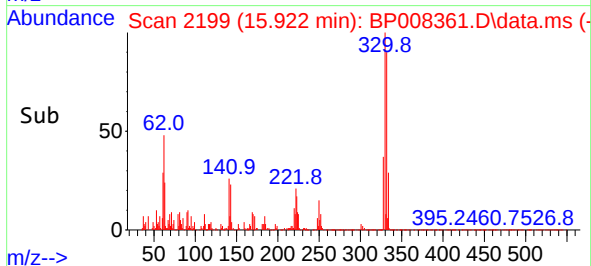
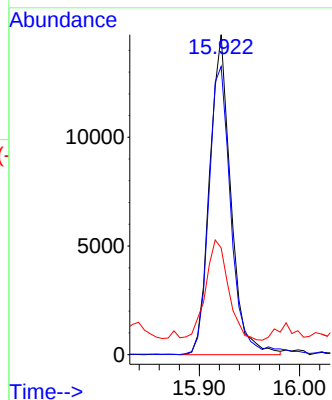
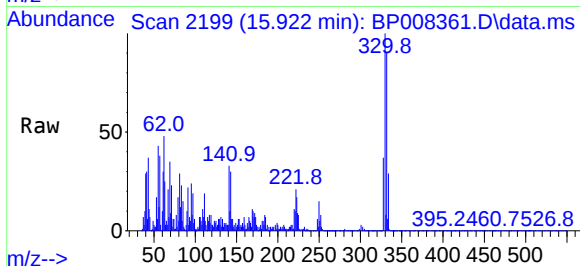




#42
2,4,6-Tribromophenol
Concen: 10.914 ng
RT: 15.922 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP008361.D
Acq: 11 Dec 2021 02:45

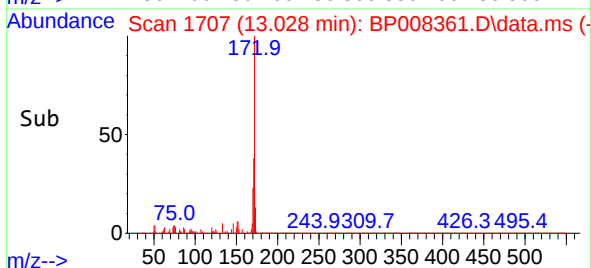
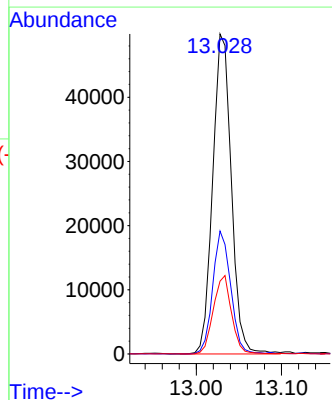
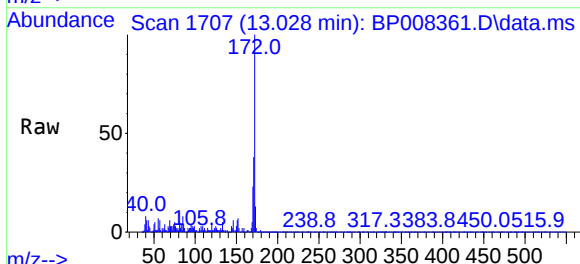
Instrument :
BNA_P
ClientSampleId :
HD-02-120821

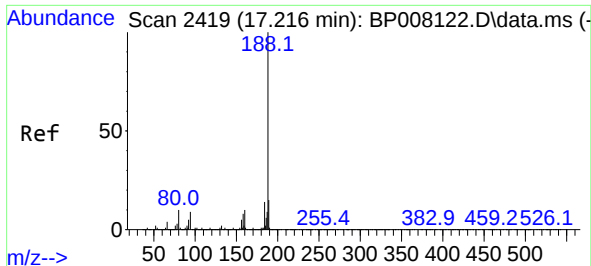
Tgt Ion:	330	Resp:	21590
Ion Ratio	Lower	Upper	
330	100		
332	94.7	77.0	115.4
141	33.9	28.4	42.6



#45
2-Fluorobiphenyl
Concen: 7.120 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP008361.D
Acq: 11 Dec 2021 02:45

Tgt Ion:	172	Resp:	75862
Ion Ratio	Lower	Upper	
172	100		
171	38.4	28.0	42.0
170	22.8	18.9	28.3

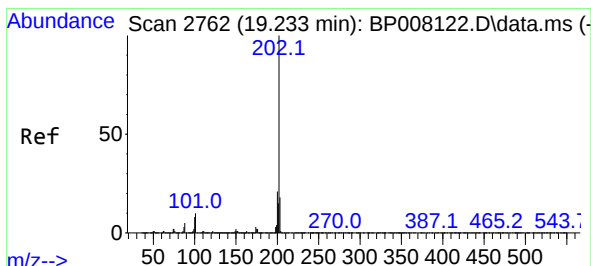
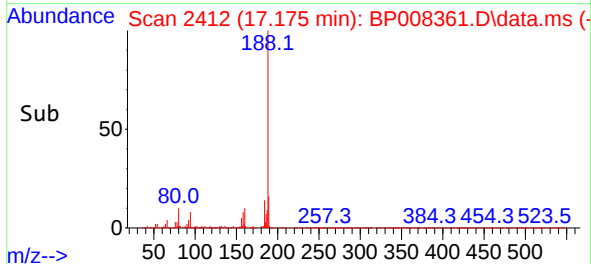
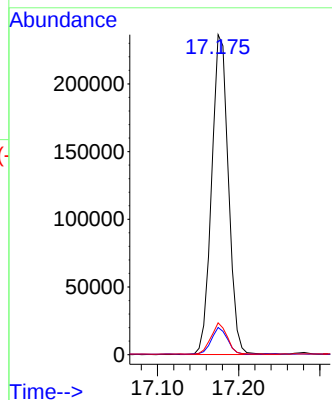
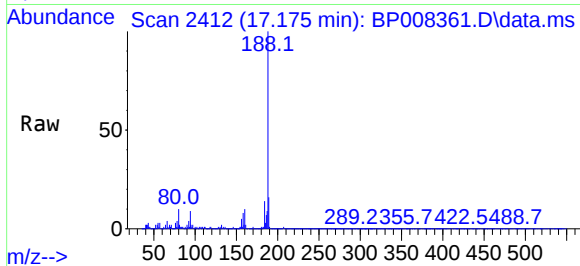




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP008361.D
Acq: 11 Dec 2021 02:45

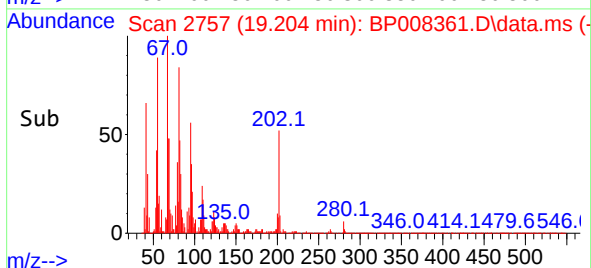
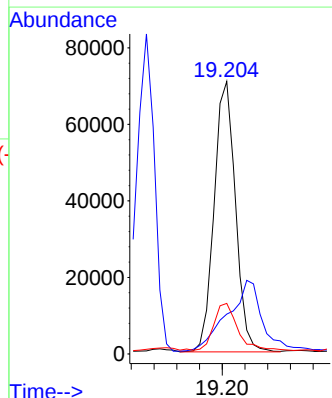
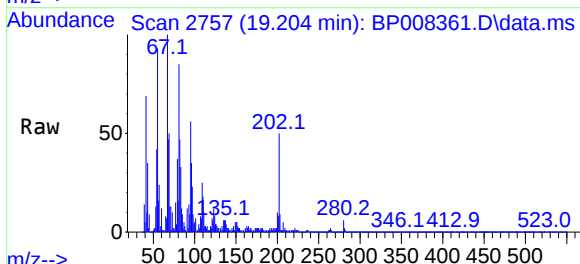
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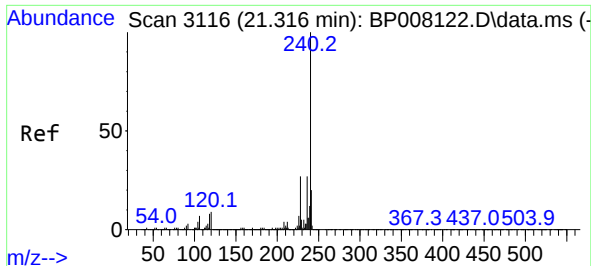
Tgt Ion:188 Resp: 337260
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 10.0 8.2 12.4



#75
Fluoranthene
Concen: 3.848 ng
RT: 19.204 min Scan# 2757
Delta R.T. 0.000 min
Lab File: BP008361.D
Acq: 11 Dec 2021 02:45

Tgt Ion:202 Resp: 92301
Ion Ratio Lower Upper
202 100
101 14.6 0.0 29.8
203 18.6 0.0 37.7

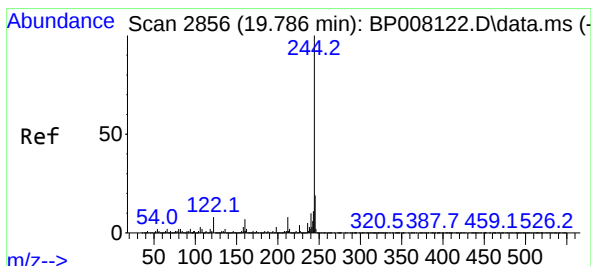
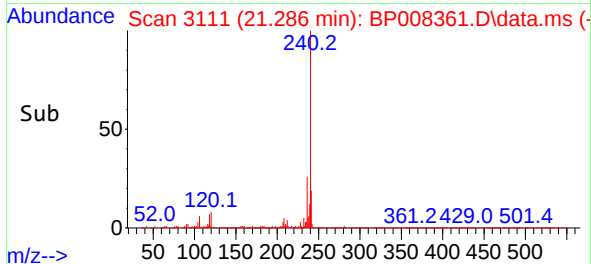
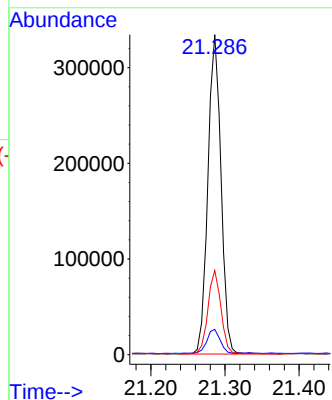
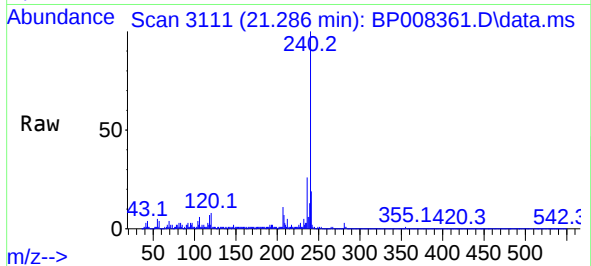




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BP008361.D
Acq: 11 Dec 2021 02:45

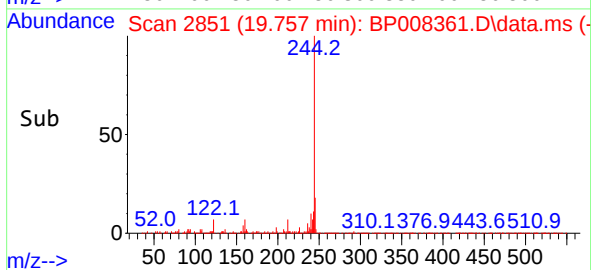
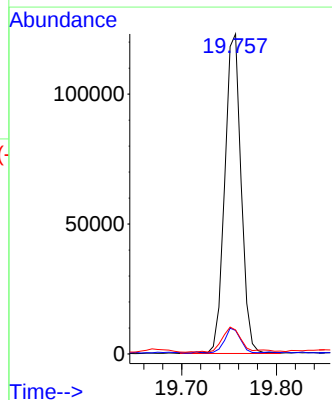
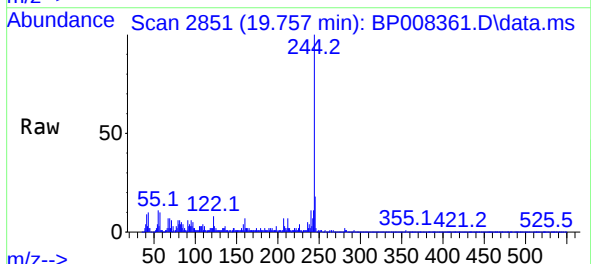
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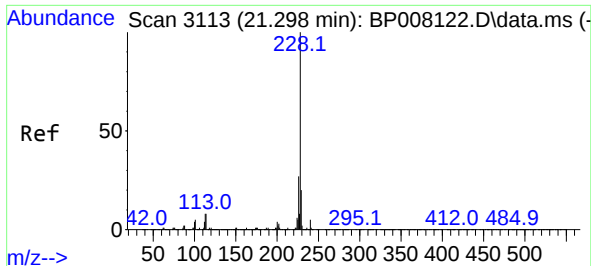
Tgt Ion:240 Resp: 410005
Ion Ratio Lower Upper
240 100
120 7.9 7.3 10.9
236 26.3 21.4 32.2



#79
Terphenyl-d14
Concen: 7.526 ng
RT: 19.757 min Scan# 2851
Delta R.T. 0.000 min
Lab File: BP008361.D
Acq: 11 Dec 2021 02:45

Tgt Ion:244 Resp: 147638
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 7.5 6.6 9.8

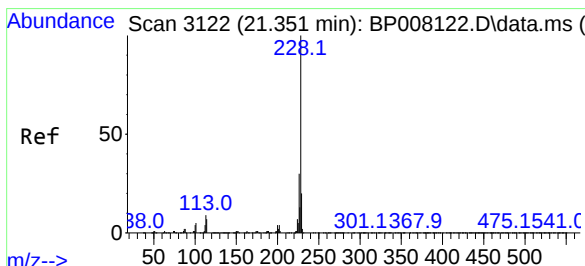
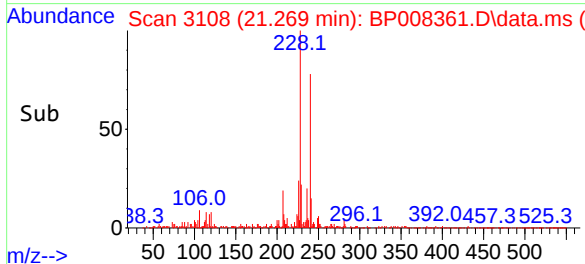
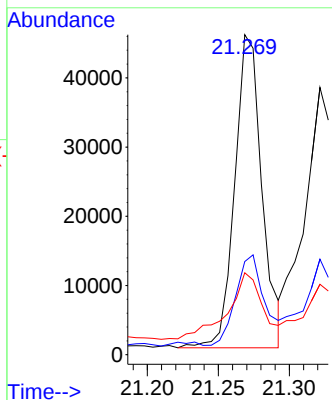
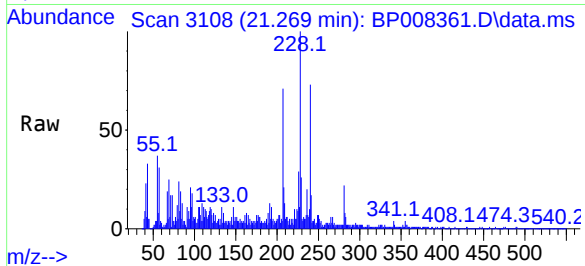




#81
Benzo(a)anthracene
Concen: 2.224 ng
RT: 21.269 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP008361.D
Acq: 11 Dec 2021 02:45

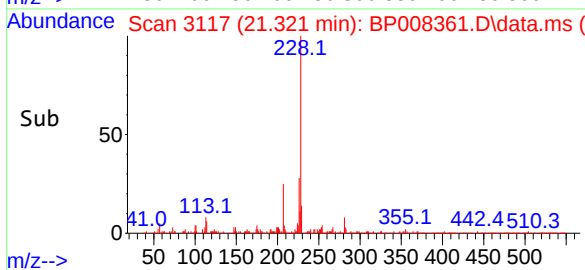
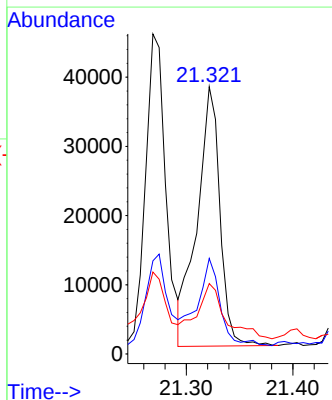
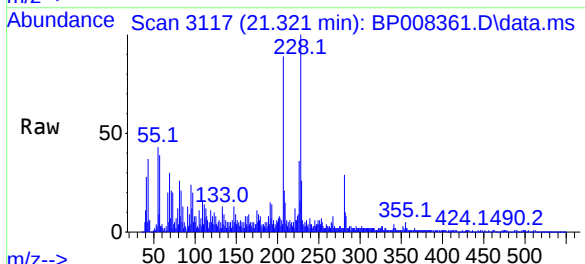
Instrument :
BNA_P
ClientSampleId :
HD-02-120821

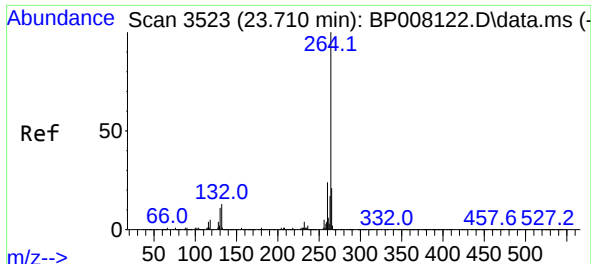
Tgt Ion:228 Resp: 60424
Ion Ratio Lower Upper
228 100
226 29.1 21.9 32.9
229 25.6 15.9 23.9#



#83
Chrysene
Concen: 2.167 ng
RT: 21.321 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP008361.D
Acq: 11 Dec 2021 02:45

Tgt Ion:228 Resp: 56041
Ion Ratio Lower Upper
228 100
226 35.7 24.0 36.0
229 26.3 15.8 23.8#



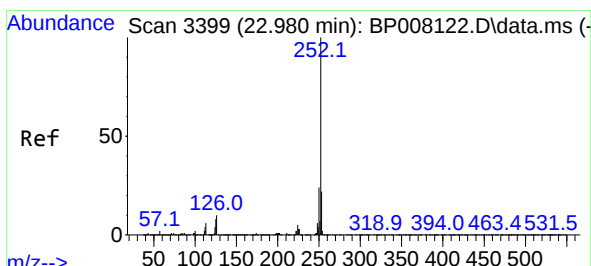
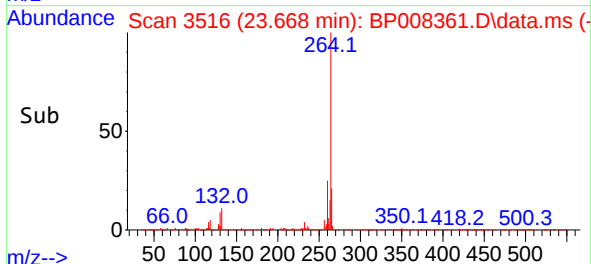
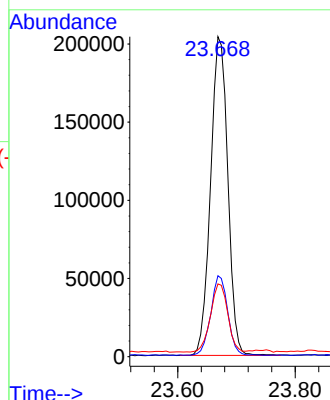
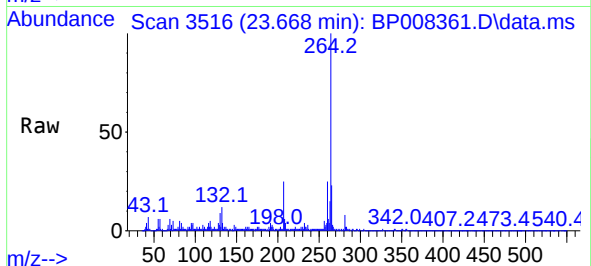


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.668 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008361.D
Acq: 11 Dec 2021 02:45

Instrument :
BNA_P
ClientSampleId :
HD-02-120821

Tgt Ion:264 Resp: 415034

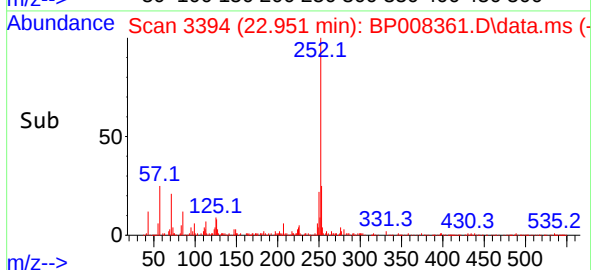
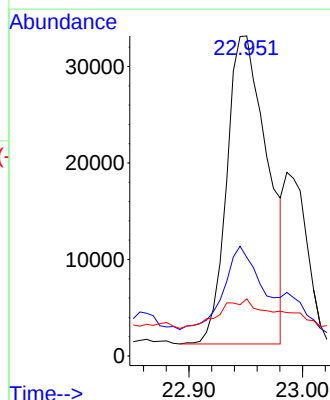
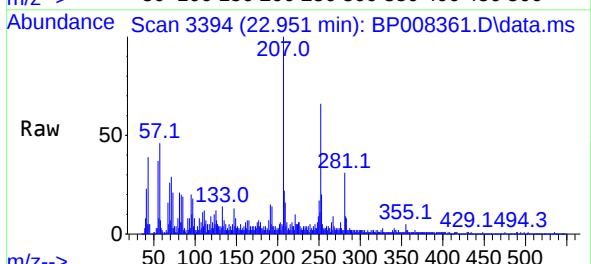
Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.2
265	22.8	17.6	26.4

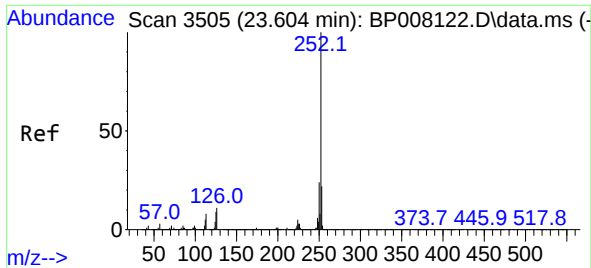


#88
Benzo(b)fluoranthene
Concen: 3.167 ng
RT: 22.951 min Scan# 3394
Delta R.T. 0.006 min
Lab File: BP008361.D
Acq: 11 Dec 2021 02:45

Tgt Ion:252 Resp: 79230

Ion	Ratio	Lower	Upper
252	100		
253	30.8	17.7	26.5#
125	17.8	6.2	9.4#





#90
Benzo(a)pyrene
Concen: 2.882 ng
RT: 23.568 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP008361.D
Acq: 11 Dec 2021 02:45

Instrument :
BNA_P
ClientSampleId :
HD-02-120821

Tgt Ion:252 Resp: 61630
Ion Ratio Lower Upper
252 100
253 27.7 17.6 26.4#
125 18.3 7.4 11.0#

