

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
 Data File : BP007342.D
 Acq On : 06 Oct 2021 00:37
 Operator : CG/JU
 Sample : M4060-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-100421

Quant Time: Oct 06 05:28:09 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)

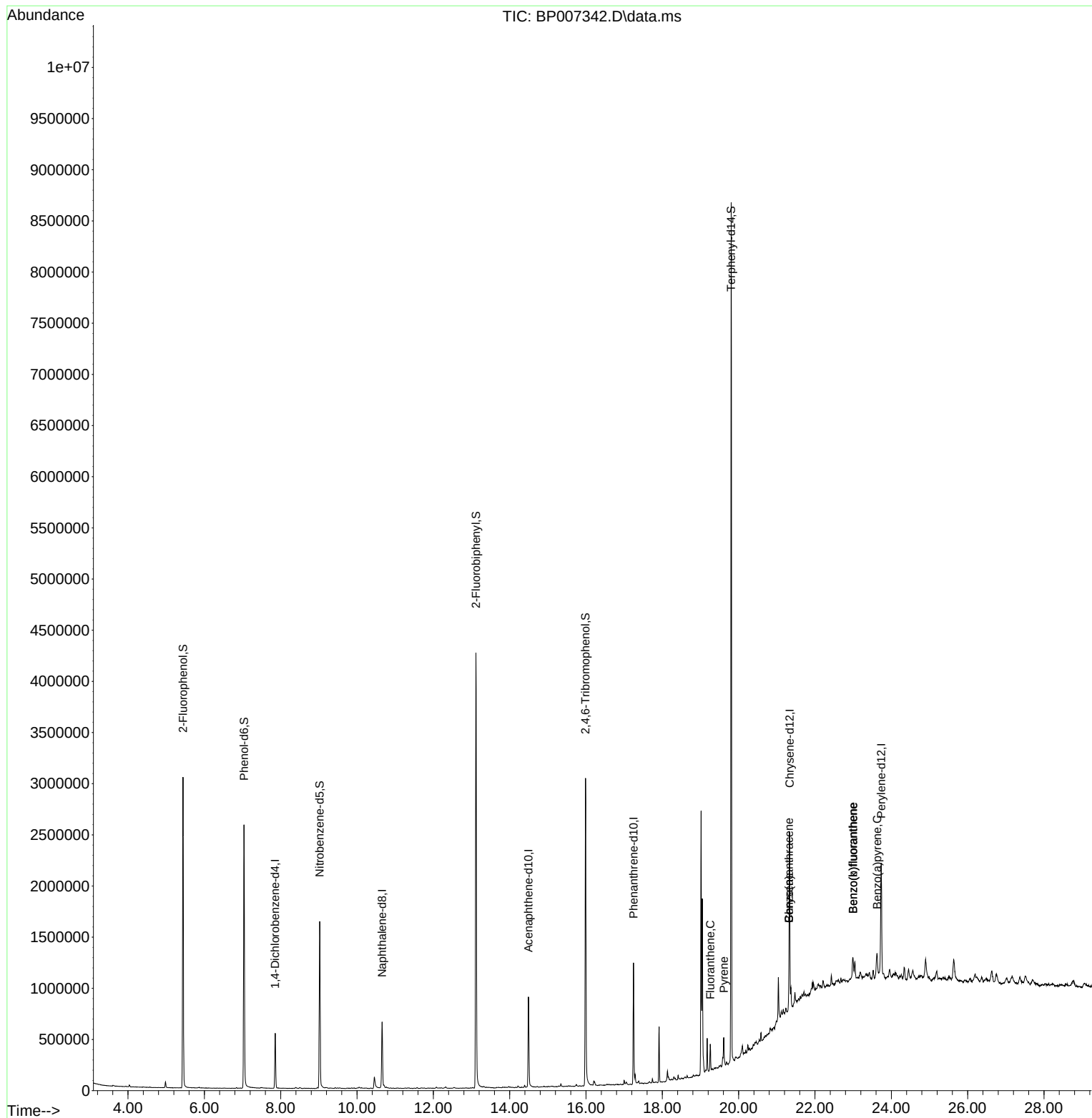
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	147402	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	567370	20.000	ng	# 0.00
39) Acenaphthene-d10	14.492	164	342689	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	717740	20.000	ng	0.00
76) Chrysene-d12	21.333	240	787017	20.000	ng	# 0.00
86) Perylene-d12	23.733	264	859150	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1384001	157.171	ng	-0.01
7) Phenol-d6	7.040	99	1667732	138.571	ng	-0.01
23) Nitrobenzene-d5	9.022	82	990466	101.664	ng	0.00
42) 2,4,6-Tribromophenol	15.987	330	675838	152.120	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	2411985	100.834	ng	-0.01
79) Terphenyl-d14	19.804	244	3882846	94.541	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.257	202	149540	3.373	ng	97
78) Pyrene	19.610	202	161006	3.118	ng	99
81) Benzo(a)anthracene	21.316	228	104122	2.038	ng	94
83) Chrysene	21.316	228	104122	2.133	ng	97
88) Benzo(b)fluoranthene	22.998	252	142651	2.778	ng	# 85
89) Benzo(k)fluoranthene	22.998	252	142651	2.744	ng	# 85
90) Benzo(a)pyrene	23.627	252	94320	2.162	ng	# 85

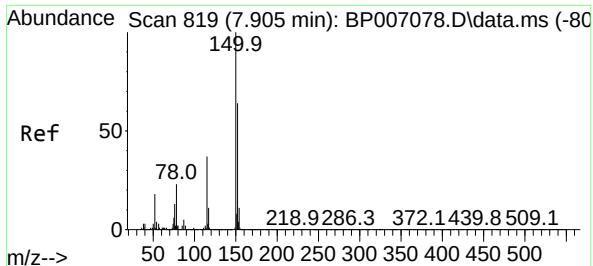
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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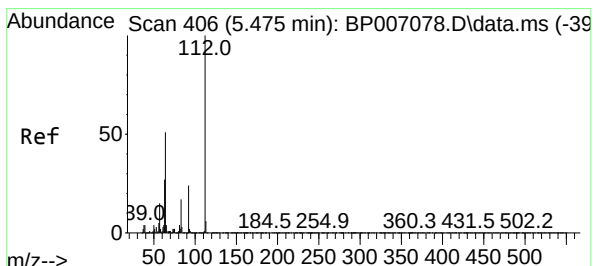
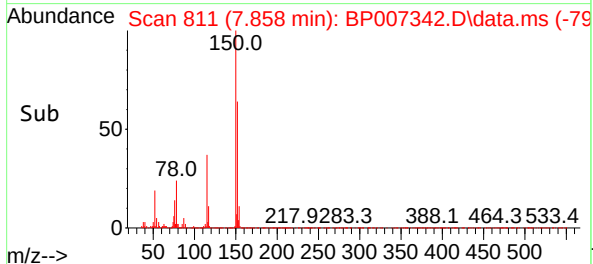
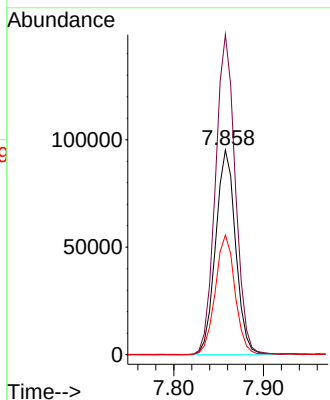
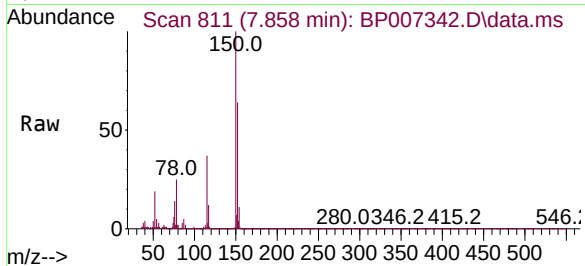




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 811
Delta R.T. -0.005 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

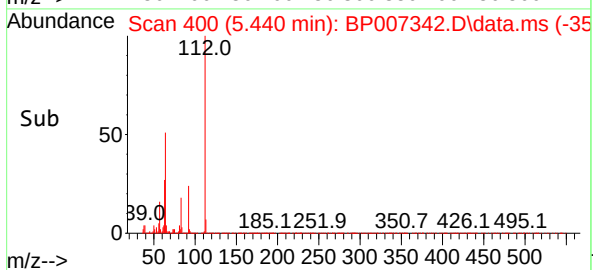
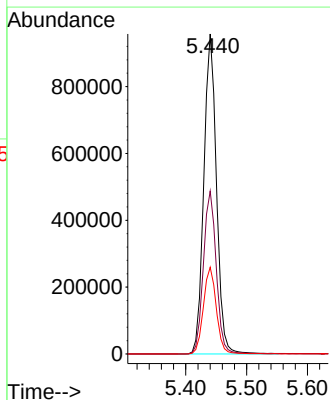
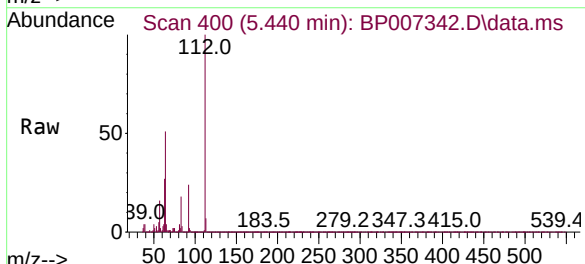
Instrument :
BNA_P
ClientSampleId :
TR-05-100421

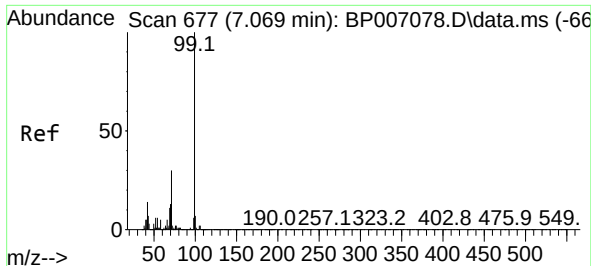
Tgt Ion:152 Resp: 147402
Ion Ratio Lower Upper
152 100
150 156.3 125.6 188.4
115 58.5 48.5 72.7



#5
2-Fluorophenol
Concen: 157.171 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.011 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

Tgt Ion:112 Resp: 1384001
Ion Ratio Lower Upper
112 100
64 50.9 41.4 62.2
63 27.1 23.8 35.8

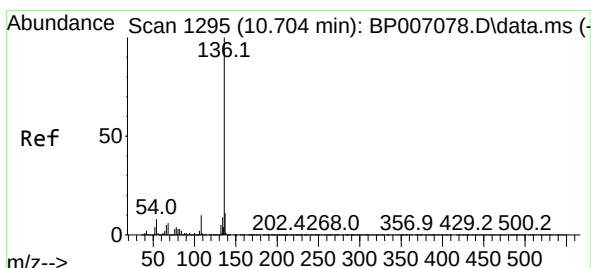
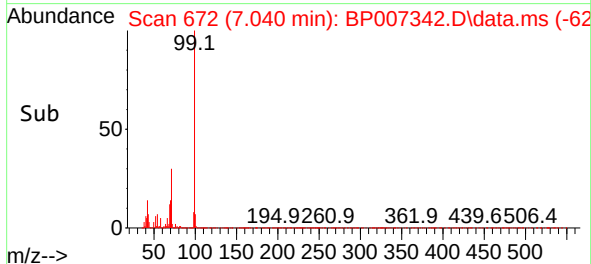
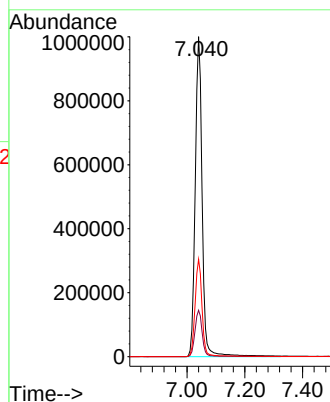
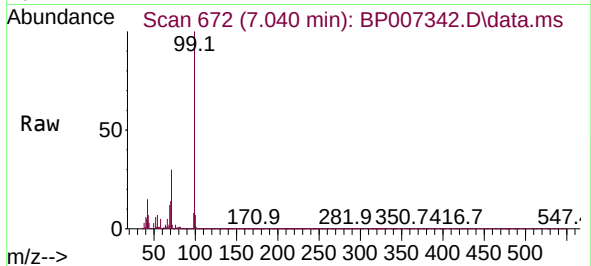




#7
Phenol-d6
Concen: 138.571 ng
RT: 7.040 min Scan# 672
Delta R.T. -0.011 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

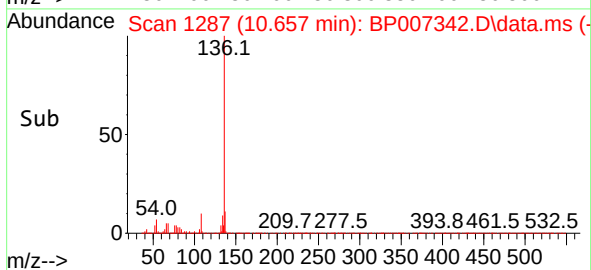
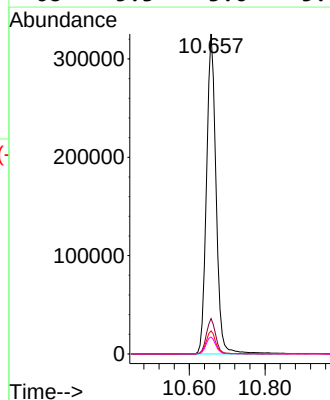
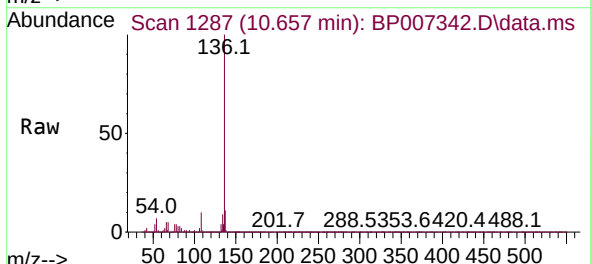
Instrument :
BNA_P
ClientSampleId :
TR-05-100421

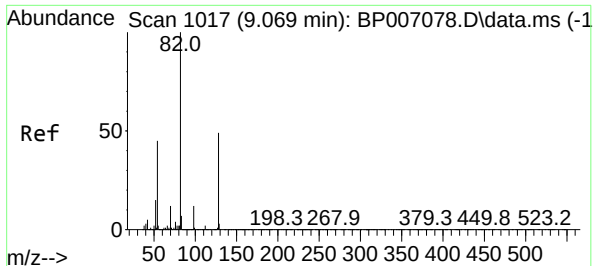
Tgt Ion: 99 Resp: 1667732
Ion Ratio Lower Upper
99 100
42 14.5 13.4 20.0
71 30.4 30.6 46.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

Tgt Ion: 136 Resp: 567370
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.2 4.6 6.8#
68 5.3 3.6 5.4





#23

Nitrobenzene-d5

Concen: 101.664 ng

RT: 9.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BP007342.D

Acq: 06 Oct 2021 00:37

Tgt Ion: 82 Resp: 990466

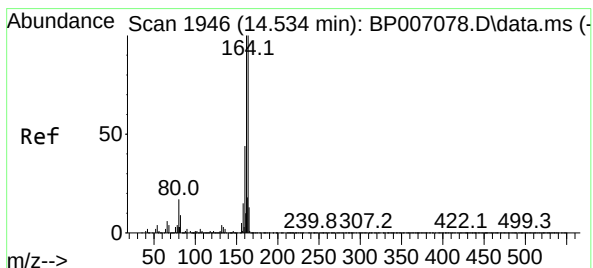
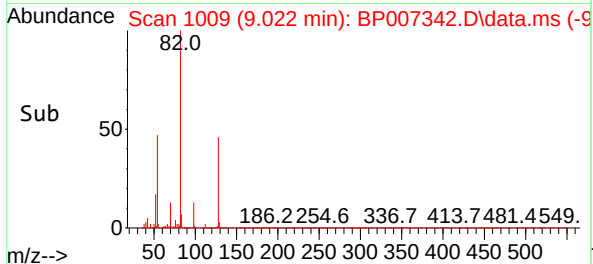
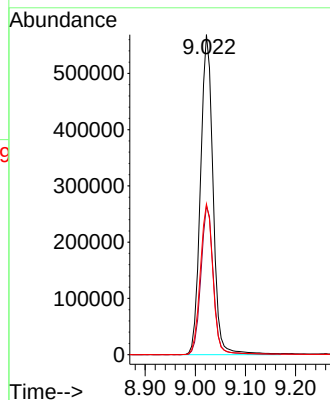
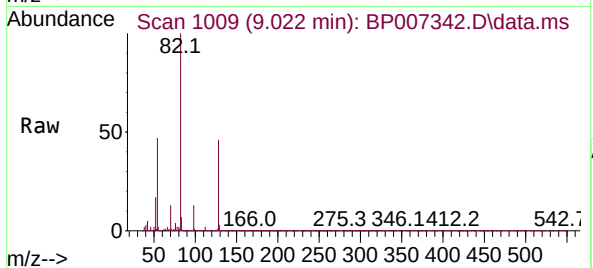
Ion	Ratio	Lower	Upper
82	100		
128	46.5	35.7	53.5
54	47.1	35.0	52.4

Instrument :

BNA_P

ClientSampleId :

TR-05-100421



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1939

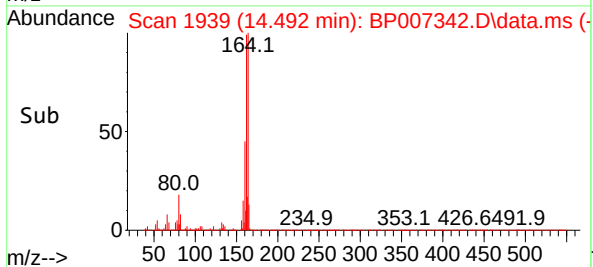
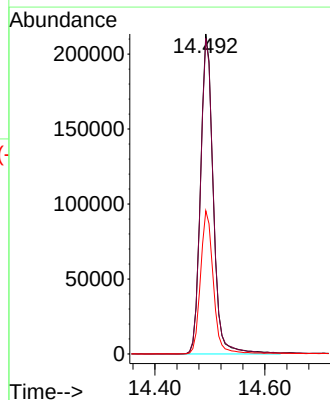
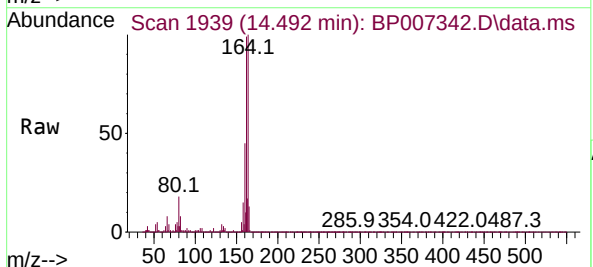
Delta R.T. -0.006 min

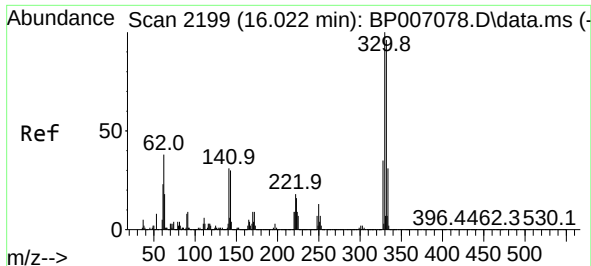
Lab File: BP007342.D

Acq: 06 Oct 2021 00:37

Tgt Ion:164 Resp: 342689

Ion	Ratio	Lower	Upper
164	100		
162	98.6	80.2	120.2
160	44.8	34.5	51.7

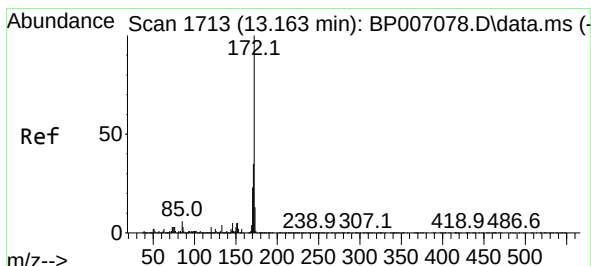
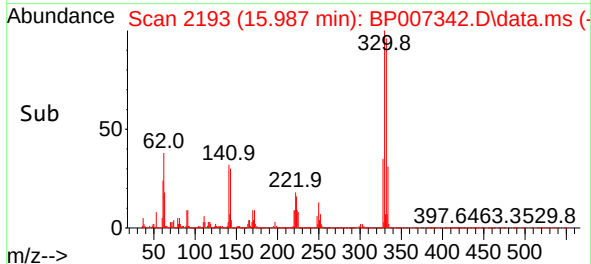
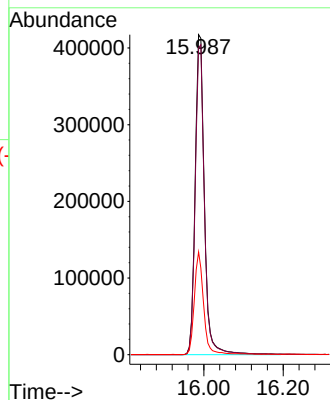
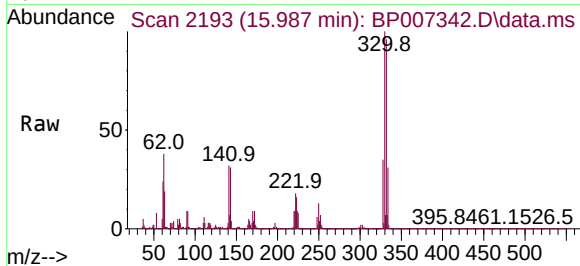




#42
2,4,6-Tribromophenol
Concen: 152.120 ng
RT: 15.987 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

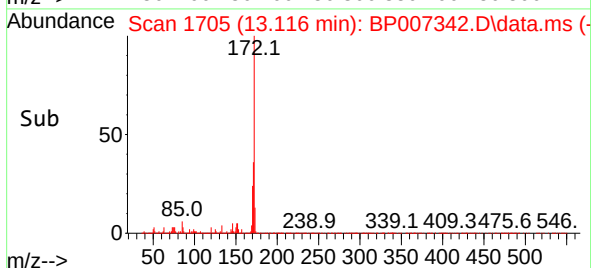
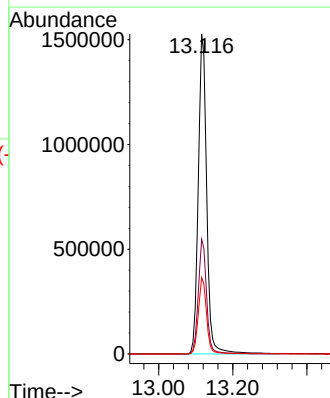
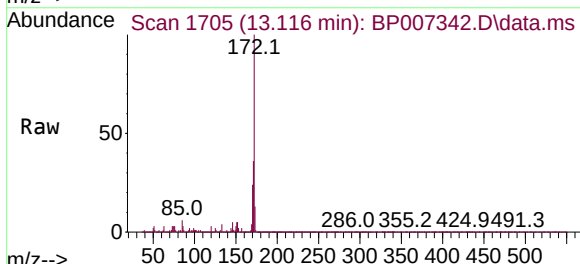
Instrument :
BNA_P
ClientSampleId :
TR-05-100421

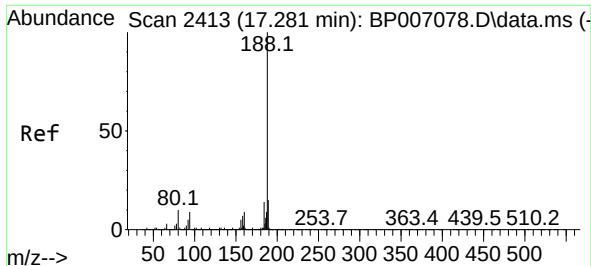
Tgt Ion:330 Resp: 675838
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 31.7 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 100.834 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

Tgt Ion:172 Resp: 2411985
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.9 18.6 27.8

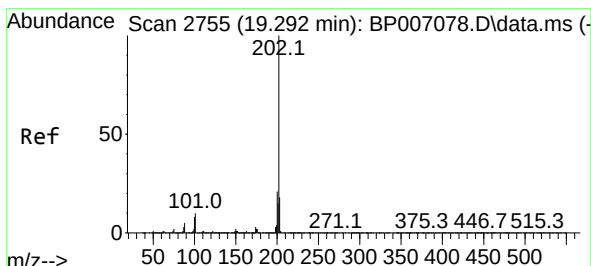
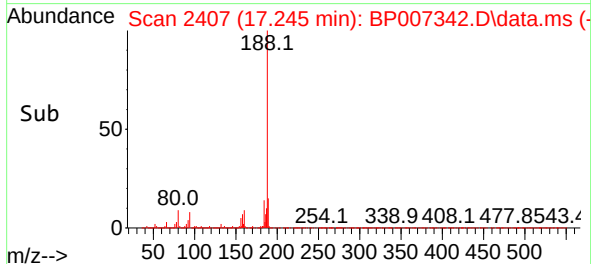
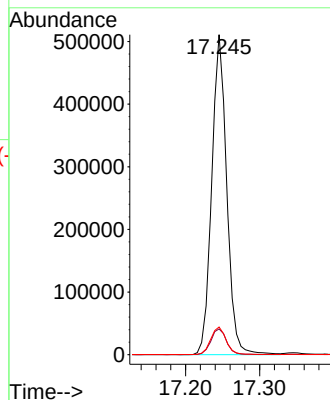
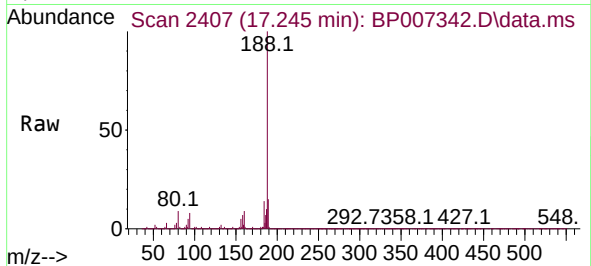




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

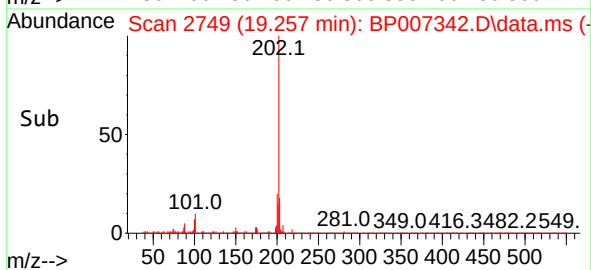
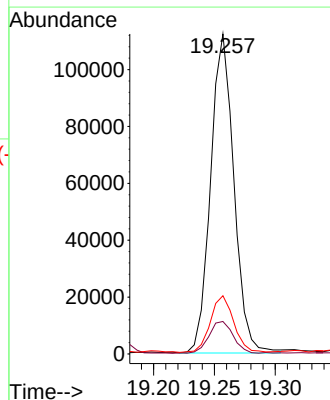
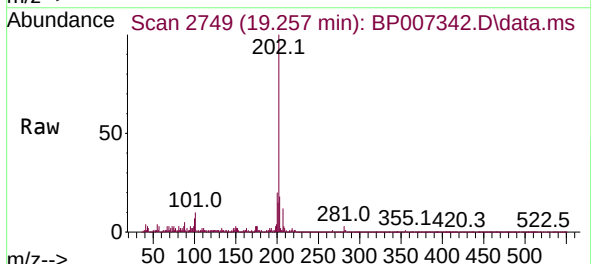
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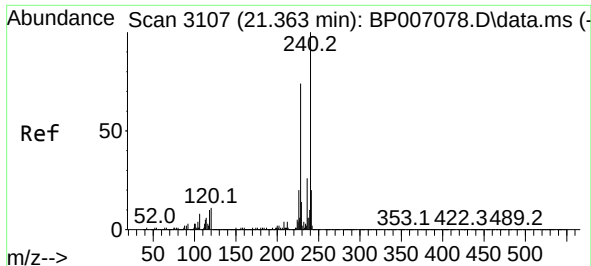
Tgt Ion:188 Resp: 717740
Ion Ratio Lower Upper
188 100
94 8.1 5.6 8.4
80 8.6 6.3 9.5



#75
Fluoranthene
Concen: 3.373 ng
RT: 19.257 min Scan# 2749
Delta R.T. -0.006 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

Tgt Ion:202 Resp: 149540
Ion Ratio Lower Upper
202 100
101 10.1 0.0 27.6
203 18.2 0.0 37.8

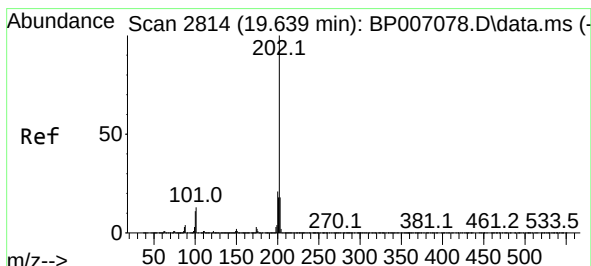
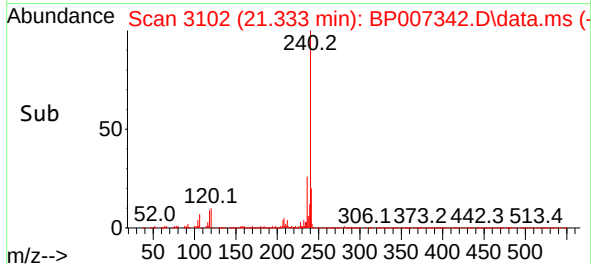
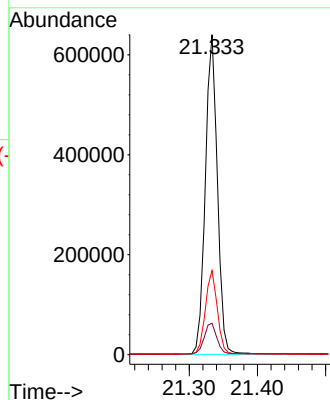
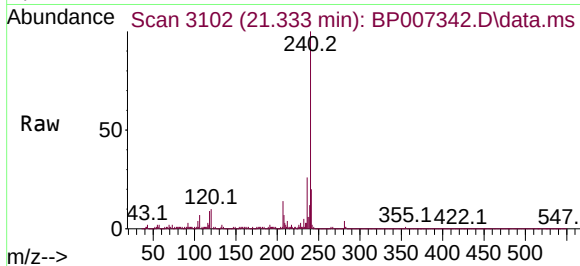




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

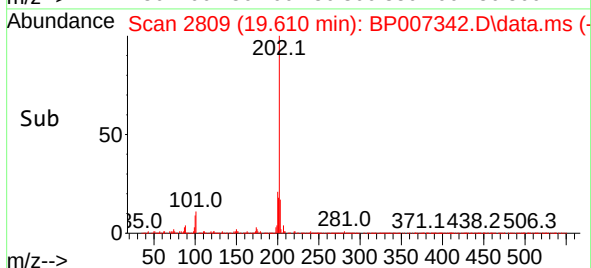
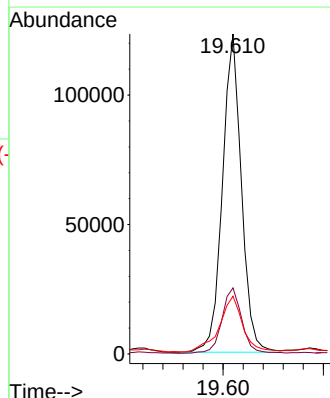
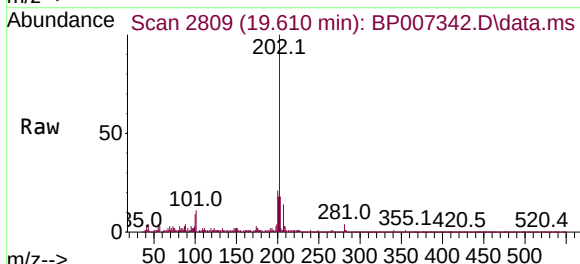
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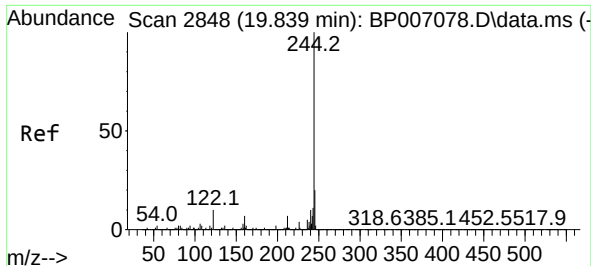
Tgt Ion:240 Resp: 787017
Ion Ratio Lower Upper
240 100
120 9.9 6.5 9.7#
236 26.3 20.6 31.0



#78
Pyrene
Concen: 3.118 ng
RT: 19.610 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

Tgt Ion:202 Resp: 161006
Ion Ratio Lower Upper
202 100
200 20.6 16.3 24.5
203 18.0 14.2 21.2

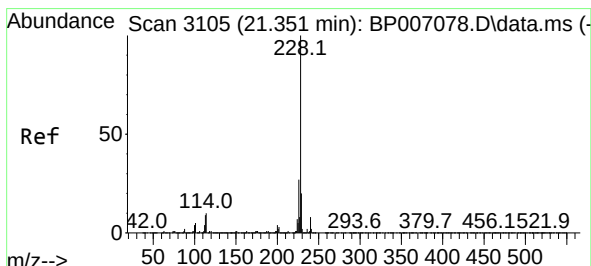
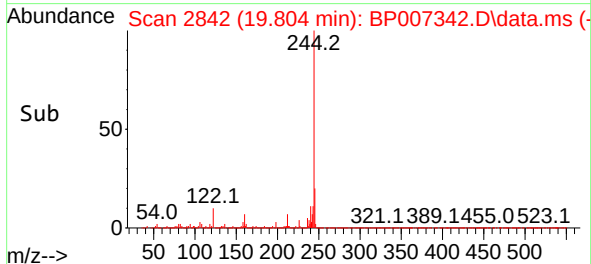
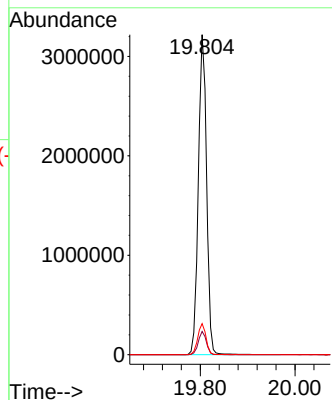
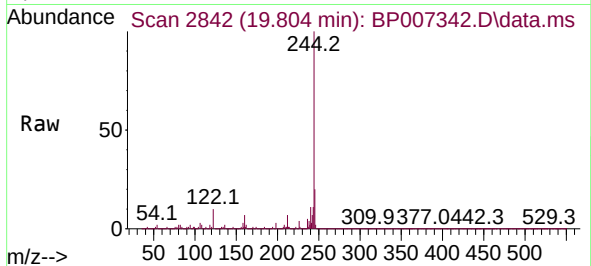




#79
 Terphenyl-d14
 Concen: 94.541 ng
 RT: 19.804 min Scan# 2842
 Delta R.T. -0.006 min
 Lab File: BP007342.D
 Acq: 06 Oct 2021 00:37

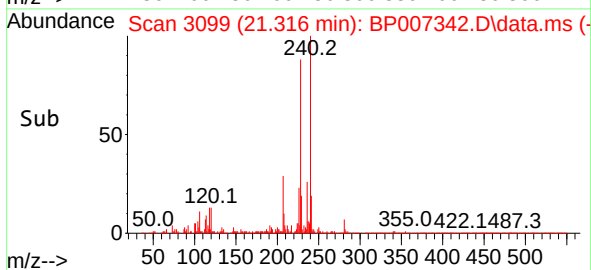
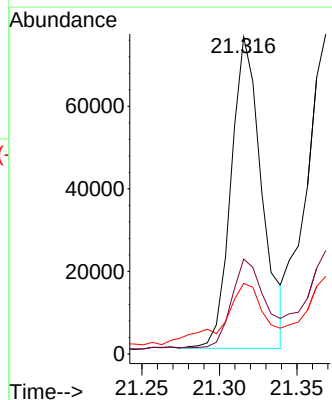
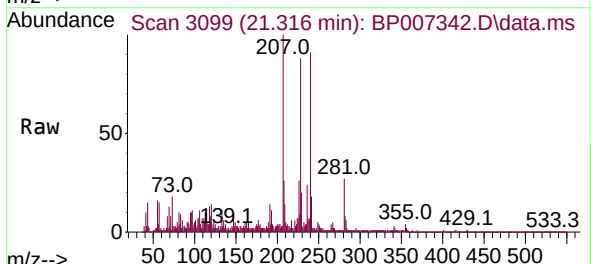
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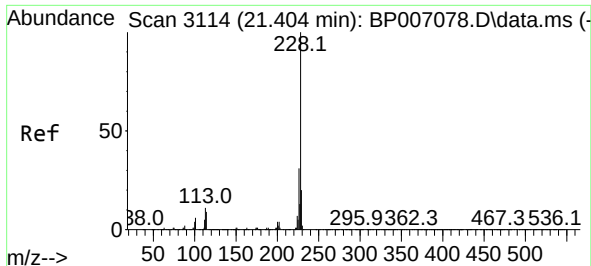
Tgt Ion:244 Resp: 3882846
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.7 7.1 10.7



#81
 Benzo(a)anthracene
 Concen: 2.038 ng
 RT: 21.316 min Scan# 3099
 Delta R.T. -0.011 min
 Lab File: BP007342.D
 Acq: 06 Oct 2021 00:37

Tgt Ion:228 Resp: 104122
 Ion Ratio Lower Upper
 228 100
 226 29.9 21.6 32.4
 229 22.3 15.8 23.6

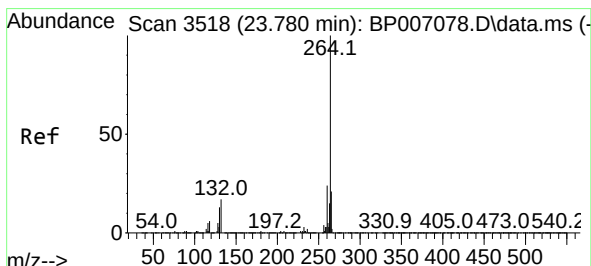
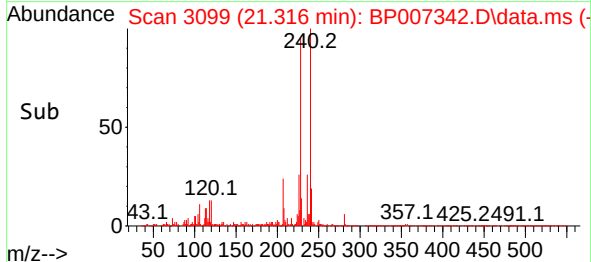
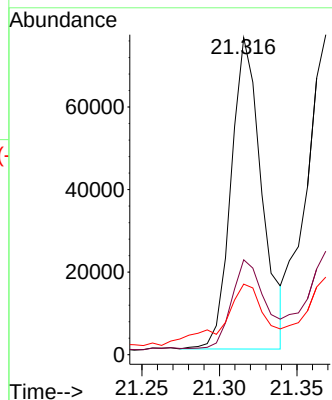
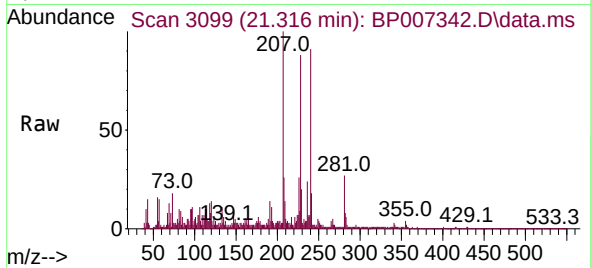




#83
Chrysene
Concen: 2.133 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.064 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

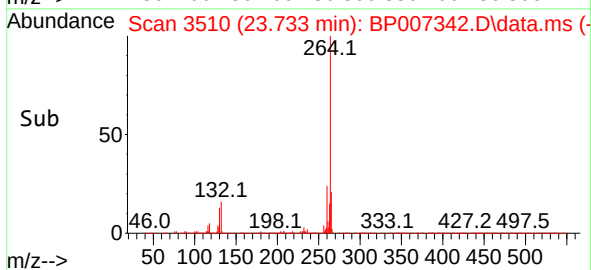
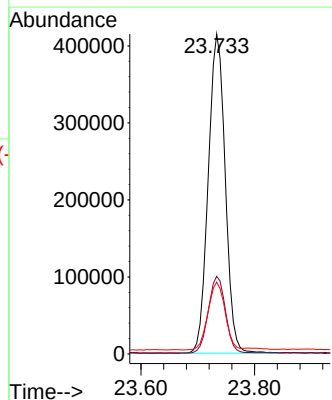
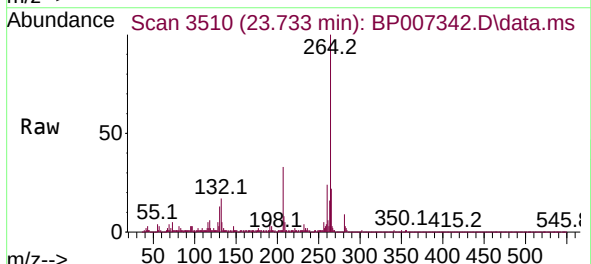
Instrument :
BNA_P
ClientSampleId :
TR-05-100421

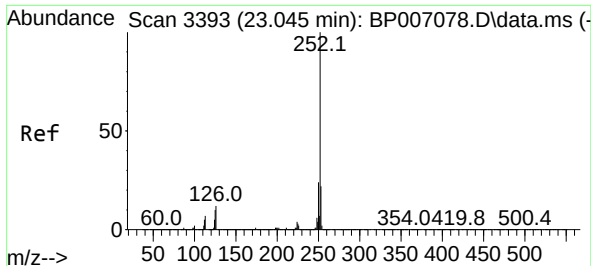
Tgt Ion:228 Resp: 104122
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.6
229 22.3 15.4 23.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 3510
Delta R.T. -0.011 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

Tgt Ion:264 Resp: 859150
Ion Ratio Lower Upper
264 100
260 24.3 18.6 28.0
265 22.5 17.6 26.4

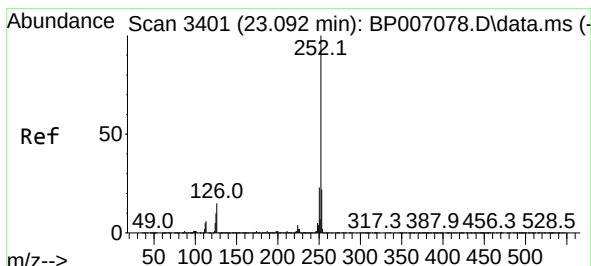
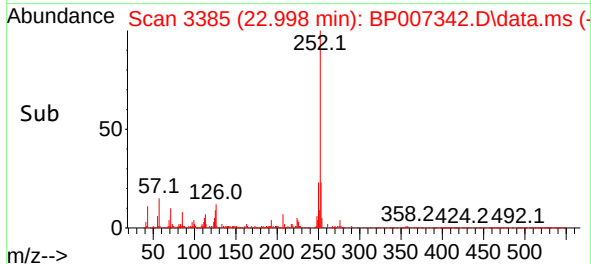
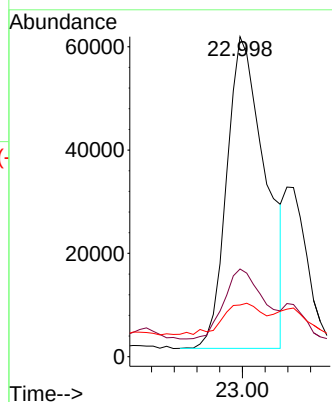
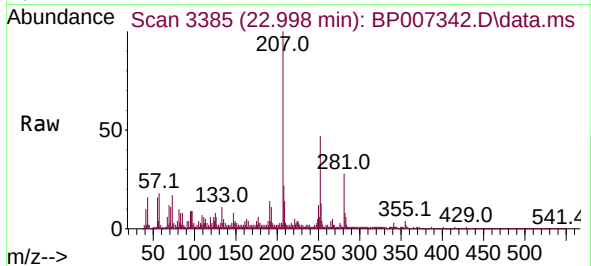




#88
Benzo(b)fluoranthene
Concen: 2.778 ng
RT: 22.998 min Scan# 3385
Delta R.T. -0.011 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

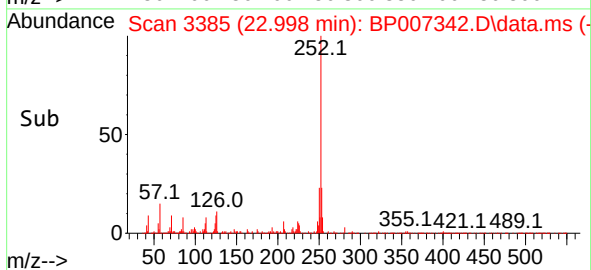
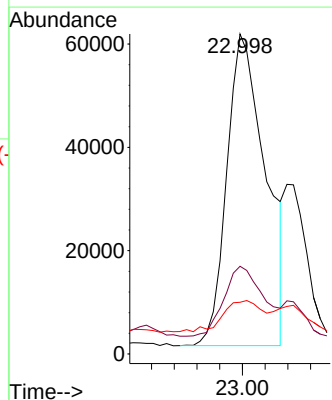
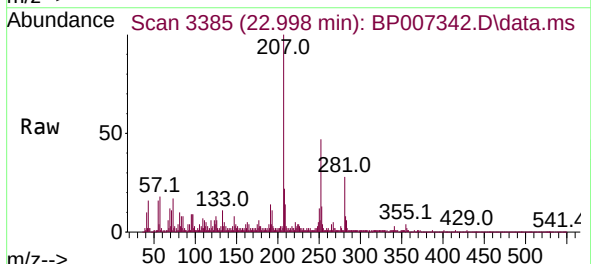
Instrument :
BNA_P
ClientSampleId :
TR-05-100421

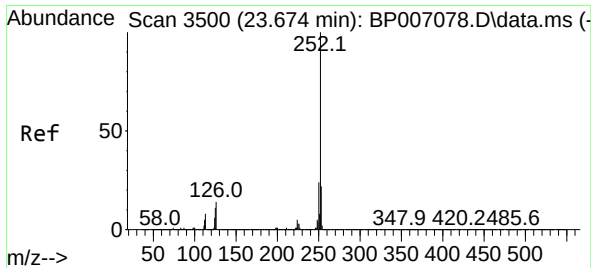
Tgt Ion:252 Resp: 142651
Ion Ratio Lower Upper
252 100
253 27.4 17.5 26.3#
125 16.2 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 2.744 ng
RT: 22.998 min Scan# 3385
Delta R.T. -0.059 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

Tgt Ion:252 Resp: 142651
Ion Ratio Lower Upper
252 100
253 27.4 17.6 26.4#
125 16.2 6.0 9.0#





#90
 Benzo(a)pyrene
 Concen: 2.162 ng
 RT: 23.627 min Scan# 3492
 Delta R.T. -0.011 min
 Lab File: BP007342.D
 Acq: 06 Oct 2021 00:37

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-100421

Tgt Ion:252 Resp: 94320
 Ion Ratio Lower Upper
 252 100
 253 27.0 17.9 26.9#
 125 19.0 6.5 9.7#

