

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
 Data File : BP007111.D
 Acq On : 22 Sep 2021 22:35
 Operator : CG/JU
 Sample : M3821-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TEST-PIT-9

Quant Time: Sep 23 01:08:10 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 16:50:24 2021
 Response via : Initial Calibration

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

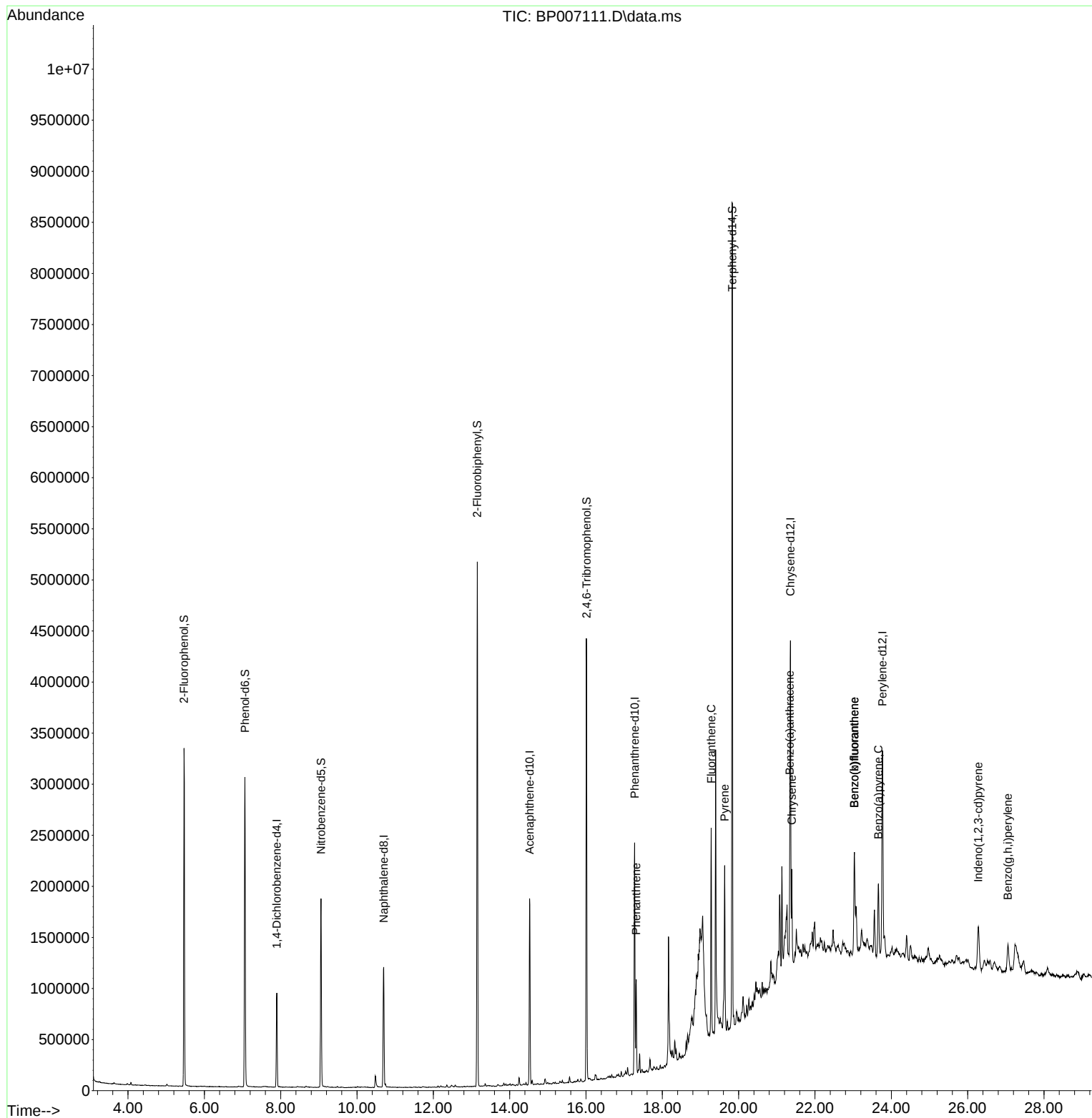
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	271576	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	1050199	20.000	ng	# 0.00
39) Acenaphthene-d10	14.522	164	669685	20.000	ng	-0.01
64) Phenanthrene-d10	17.275	188	1407524	20.000	ng	0.00
76) Chrysene-d12	21.357	240	1420015	20.000	ng	0.00
86) Perylene-d12	23.768	264	1550684	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1529683	94.287	ng	0.00
7) Phenol-d6	7.063	99	1869006	84.289	ng	0.00
23) Nitrobenzene-d5	9.057	82	1067440	59.192	ng	-0.01
42) 2,4,6-Tribromophenol	16.016	330	925958	106.651	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	2712866	58.035	ng	-0.01
79) Terphenyl-d14	19.833	244	3948622	53.285	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.316	178	564831	7.484	ng	99
75) Fluoranthene	19.280	202	1079816	12.419	ng	98
78) Pyrene	19.633	202	957218	10.274	ng	99
81) Benzo(a)anthracene	21.339	228	528955	5.739	ng	98
83) Chrysene	21.392	228	504730	5.730	ng	97
87) Indeno(1,2,3-cd)pyrene	26.280	276	364937	3.275	ng	97
88) Benzo(b)fluoranthene	23.033	252	695470	7.505	ng	# 94
89) Benzo(k)fluoranthene	23.033	252	695470	7.412	ng	# 94
90) Benzo(a)pyrene	23.663	252	492612	6.257	ng	# 96
92) Benzo(g,h,i)perylene	27.057	276	352494	3.868	ng	# 96

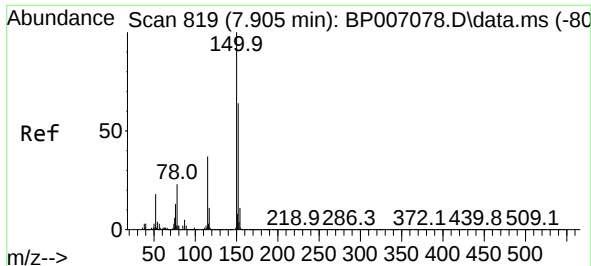
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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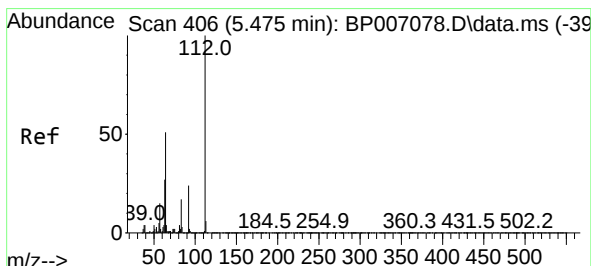
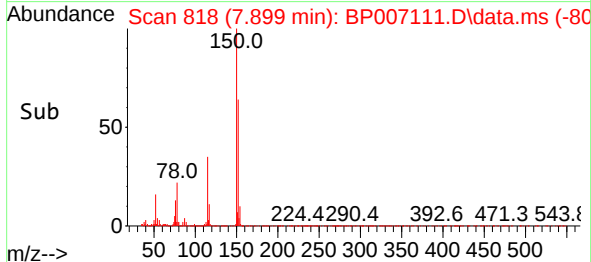
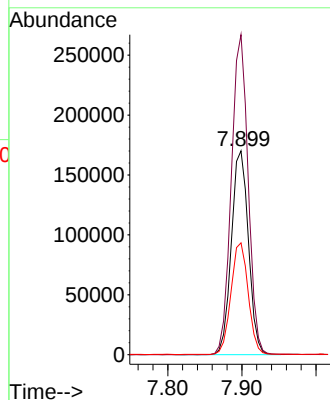
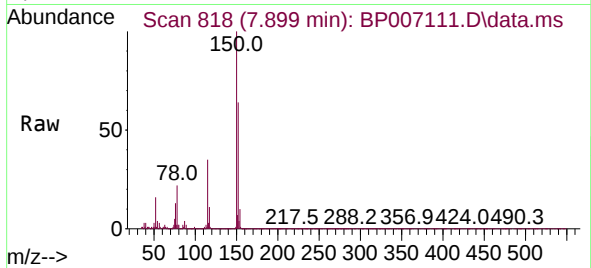




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP007111.D
Acq: 22 Sep 2021 22:35

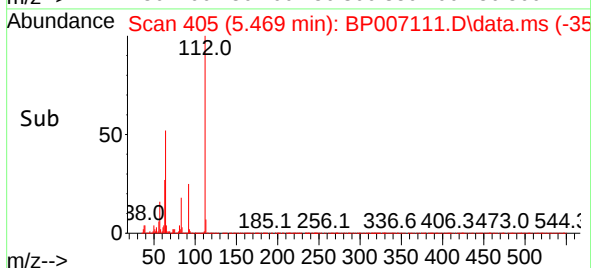
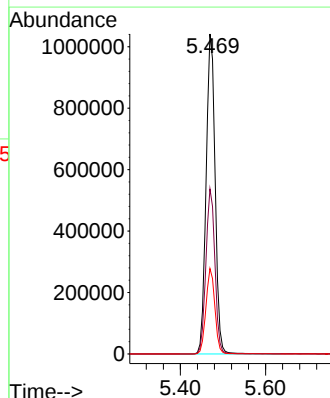
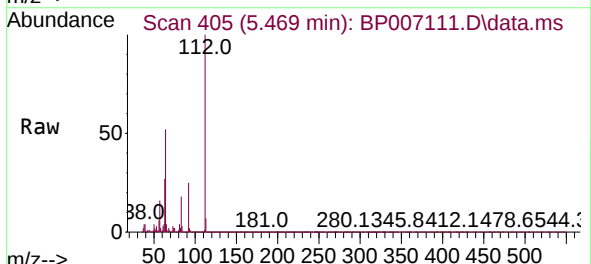
Instrument :
BNA_P
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TEST-PIT-9

Tgt Ion:152 Resp: 271576
Ion Ratio Lower Upper
152 100
150 157.0 125.6 188.4
115 54.9 48.5 72.7



#5
2-Fluorophenol
Concen: 94.287 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP007111.D
Acq: 22 Sep 2021 22:35

Tgt Ion:112 Resp: 1529683
Ion Ratio Lower Upper
112 100
64 51.6 41.4 62.2
63 26.7 23.8 35.8

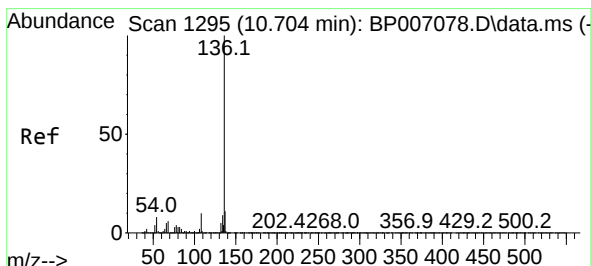
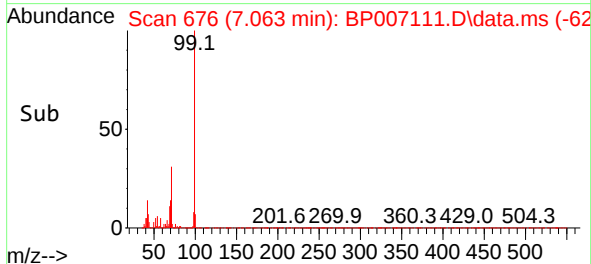
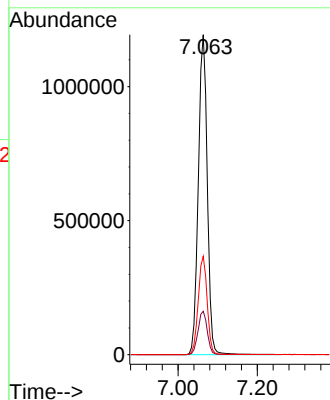
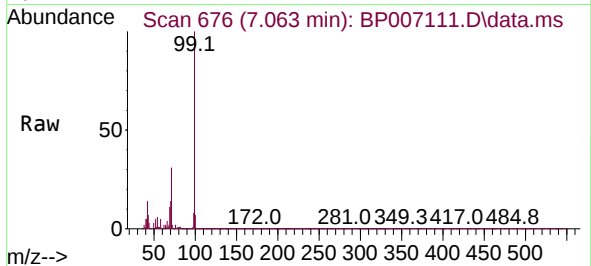




#7
Phenol-d6
Concen: 84.289 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.006 min
Lab File: BP007111.D
Acq: 22 Sep 2021 22:35

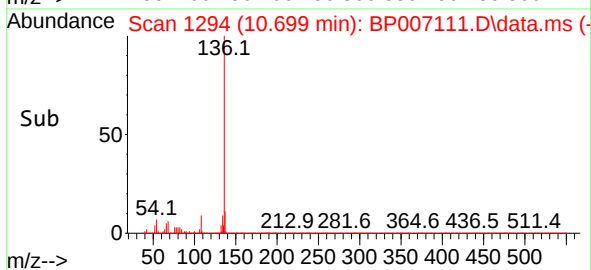
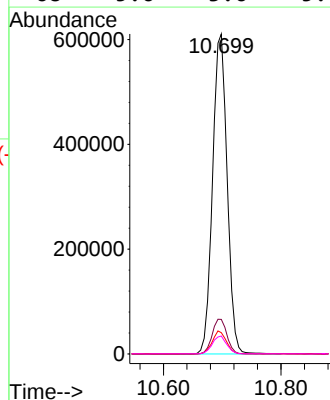
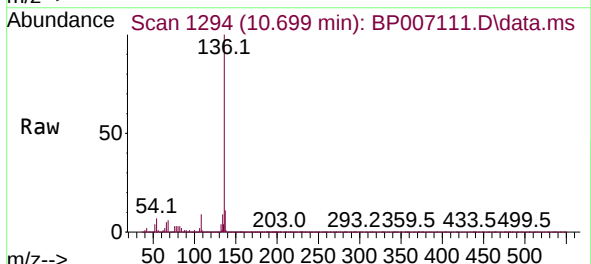
Instrument :
BNA_P
ClientSampleId :
TEST-PIT-9

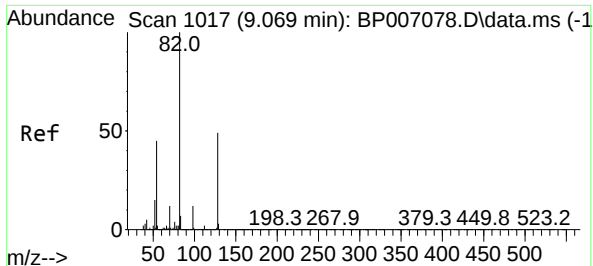
Tgt Ion: 99 Resp: 1869006
Ion Ratio Lower Upper
99 100
42 13.6 13.4 20.0
71 30.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP007111.D
Acq: 22 Sep 2021 22:35

Tgt Ion:136 Resp: 1050199
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.7 4.6 6.8
68 5.6 3.6 5.4#

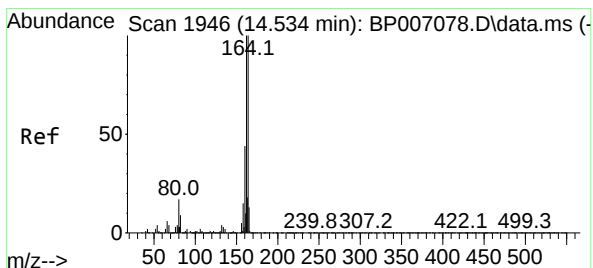
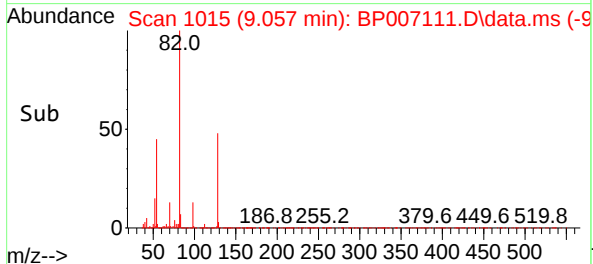
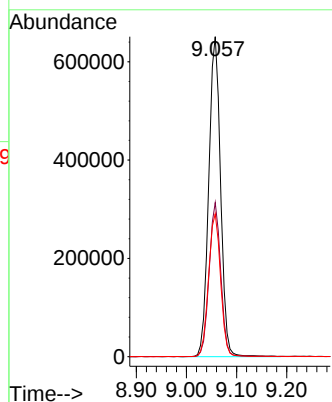
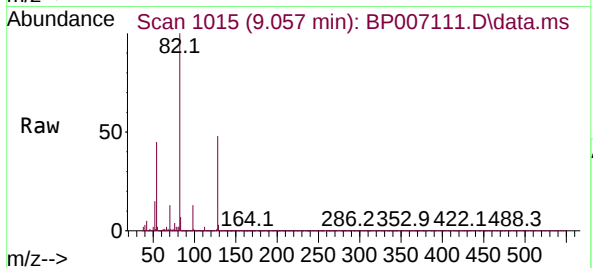




#23
Nitrobenzene-d5
Concen: 59.192 ng
RT: 9.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP007111.D
Acq: 22 Sep 2021 22:35

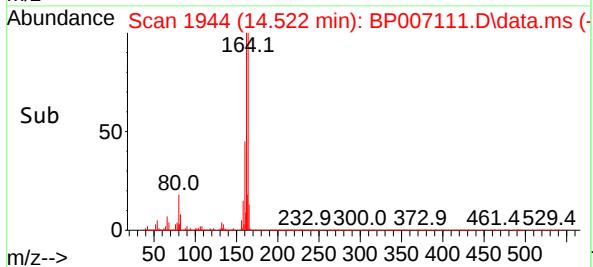
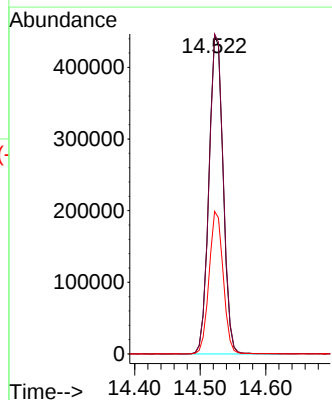
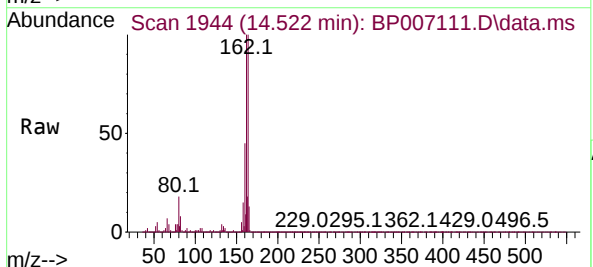
Instrument :
BNA_P
ClientSampleId :
TEST-PIT-9

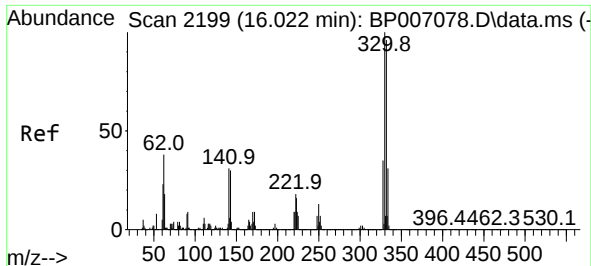
Tgt Ion: 82 Resp: 1067440
Ion Ratio Lower Upper
82 100
128 48.2 35.7 53.5
54 44.7 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BP007111.D
Acq: 22 Sep 2021 22:35

Tgt Ion:164 Resp: 669685
Ion Ratio Lower Upper
164 100
162 100.3 80.2 120.2
160 44.7 34.5 51.7

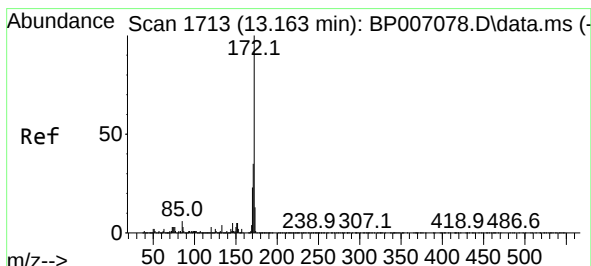
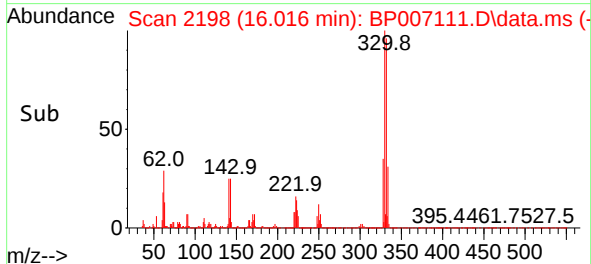
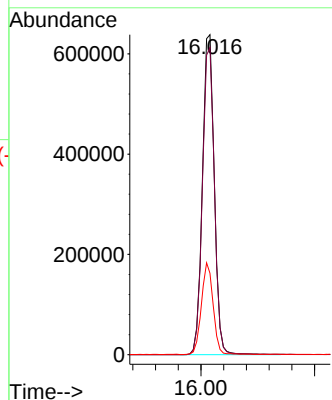
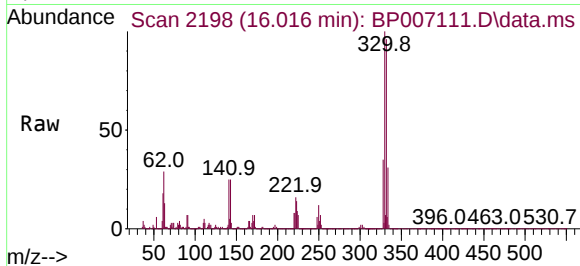




#42
2,4,6-Tribromophenol
Concen: 106.651 ng
RT: 16.016 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP007111.D
Acq: 22 Sep 2021 22:35

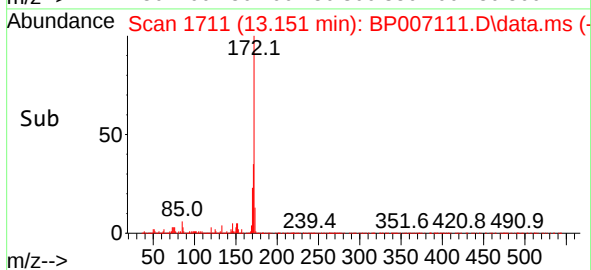
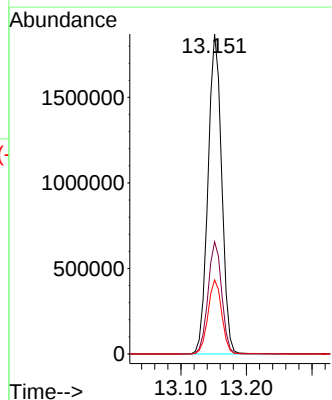
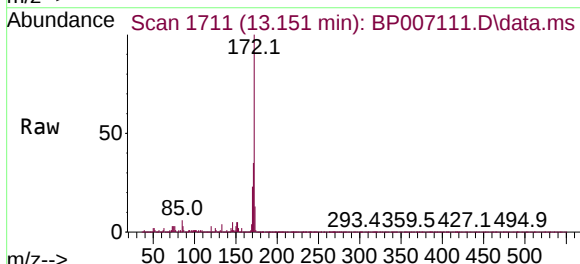
Instrument :
BNA_P
ClientSampleId :
TEST-PIT-9

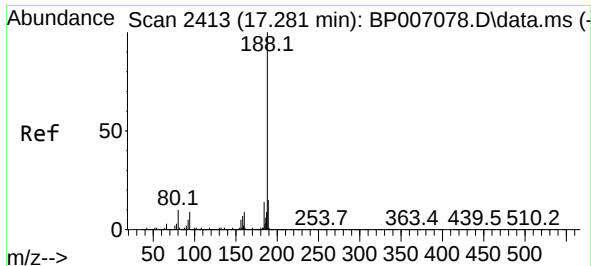
Tgt Ion:330 Resp: 925958
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 28.2 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 58.035 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BP007111.D
Acq: 22 Sep 2021 22:35

Tgt Ion:172 Resp: 2712866
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.1 18.6 27.8

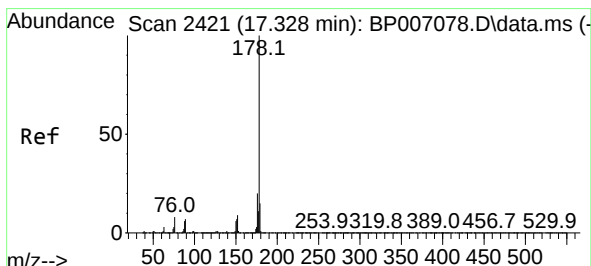
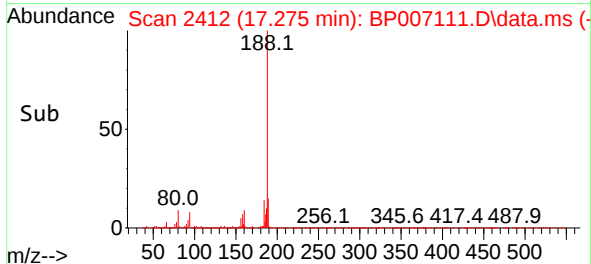
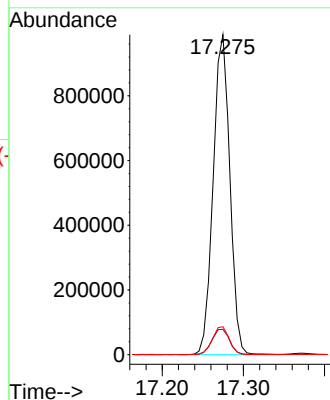
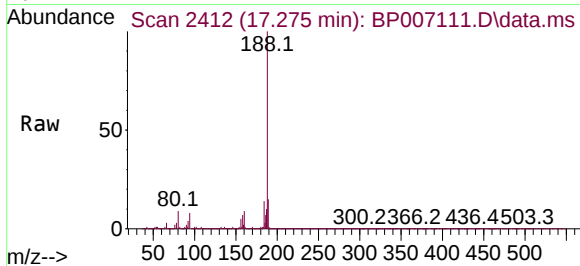




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP007111.D
Acq: 22 Sep 2021 22:35

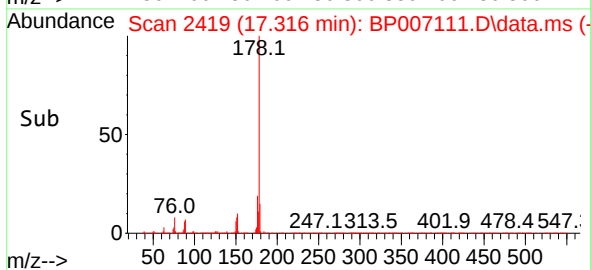
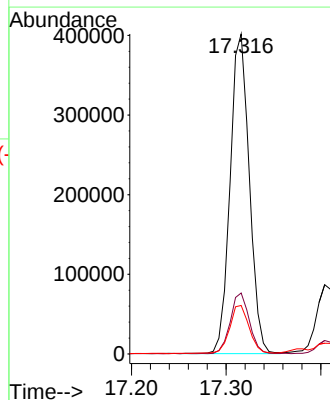
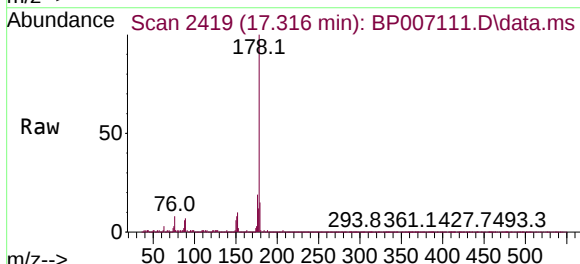
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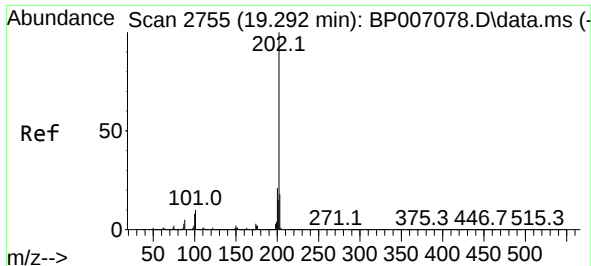
Tgt Ion:188 Resp: 1407524
Ion Ratio Lower Upper
188 100
94 8.0 5.6 8.4
80 8.7 6.3 9.5



#71
Phenanthrene
Concen: 7.484 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP007111.D
Acq: 22 Sep 2021 22:35

Tgt Ion:178 Resp: 564831
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.2 12.4 18.6

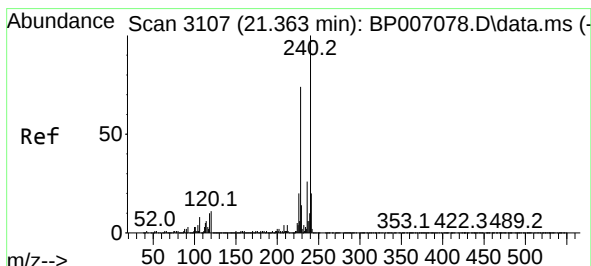
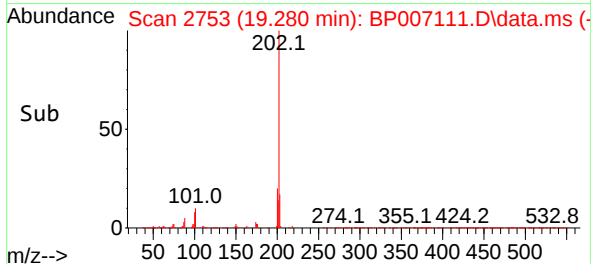
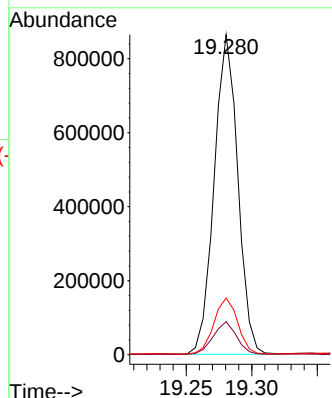
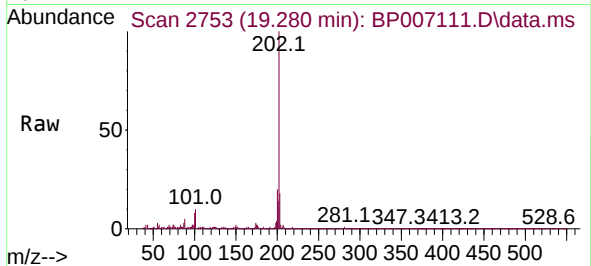




#75
Fluoranthene
Concen: 12.419 ng
RT: 19.280 min Scan# 2753
Delta R.T. -0.012 min
Lab File: BP007111.D
Acq: 22 Sep 2021 22:35

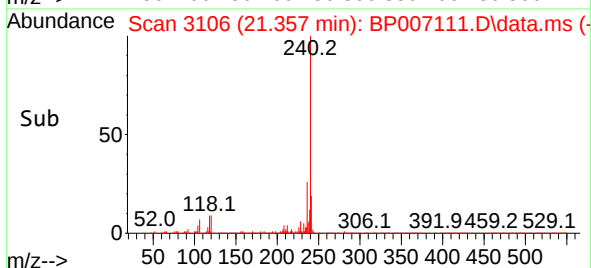
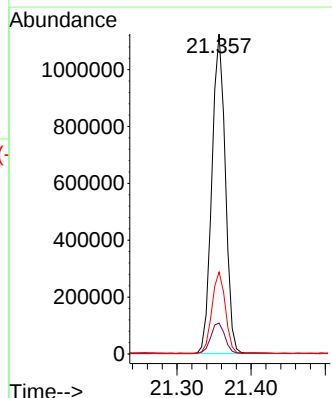
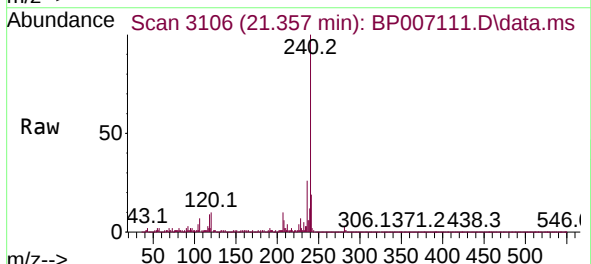
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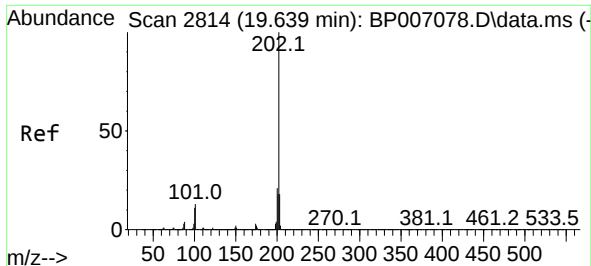
Tgt Ion:202 Resp: 1079816
Ion Ratio Lower Upper
202 100
101 10.3 0.0 27.6
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BP007111.D
Acq: 22 Sep 2021 22:35

Tgt Ion:240 Resp: 1420015
Ion Ratio Lower Upper
240 100
120 9.6 6.5 9.7
236 25.6 20.6 31.0

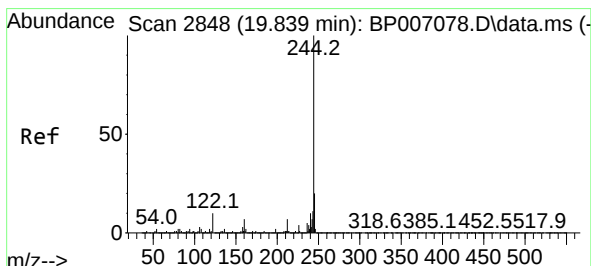
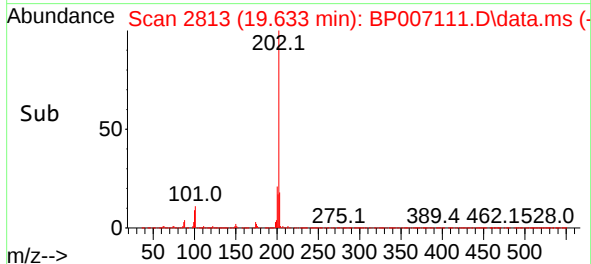
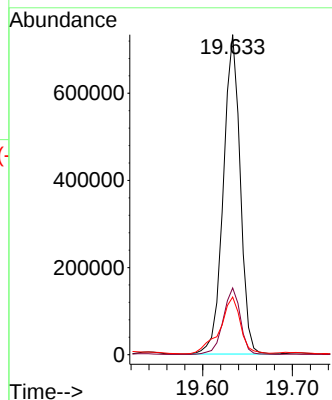
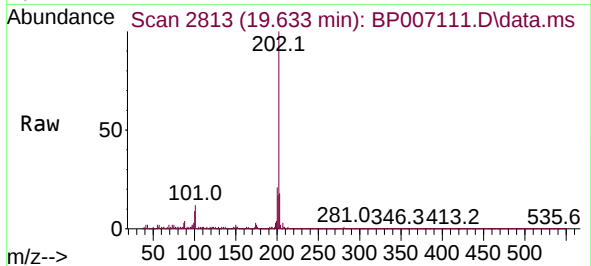




#78
 Pyrene
 Concen: 10.274 ng
 RT: 19.633 min Scan# 2813
 Delta R.T. -0.006 min
 Lab File: BP007111.D
 Acq: 22 Sep 2021 22:35

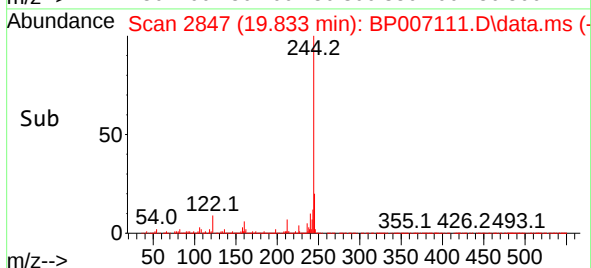
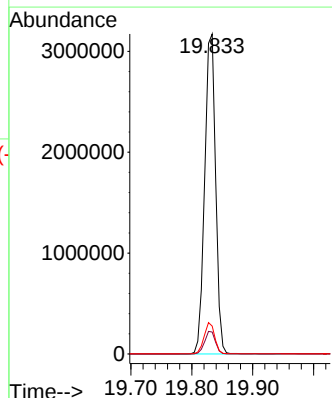
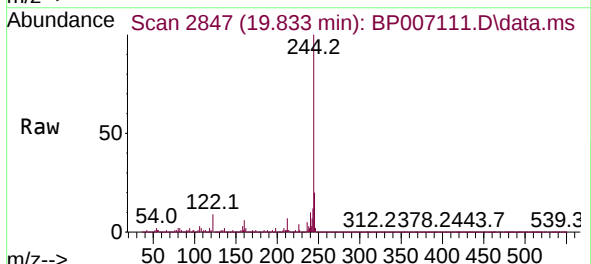
Instrument :
 BNA_P
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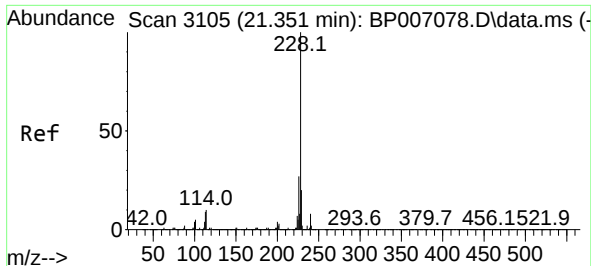
Tgt Ion:202 Resp: 957218
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.3 24.5
 203 18.0 14.2 21.2



#79
 Terphenyl-d14
 Concen: 53.285 ng
 RT: 19.833 min Scan# 2847
 Delta R.T. -0.006 min
 Lab File: BP007111.D
 Acq: 22 Sep 2021 22:35

Tgt Ion:244 Resp: 3948622
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.7 7.1 10.7

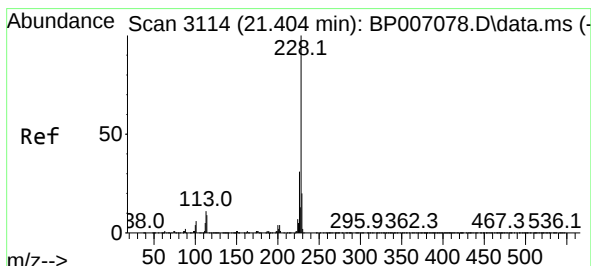
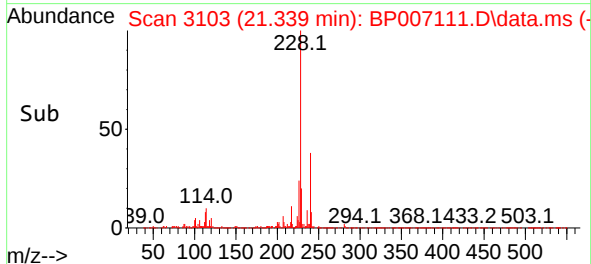
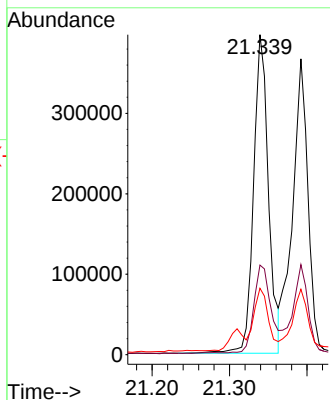
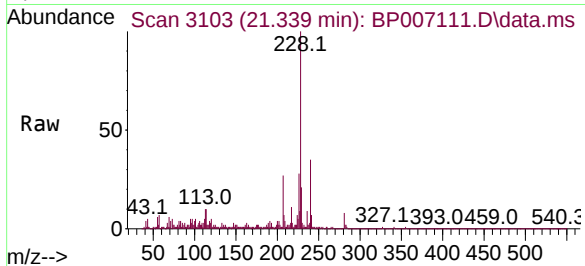




#81
Benzo(a)anthracene
Concen: 5.739 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.012 min
Lab File: BP007111.D
Acq: 22 Sep 2021 22:35

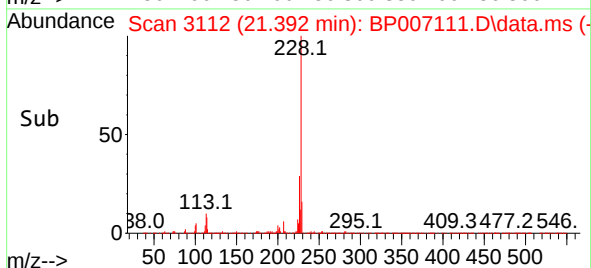
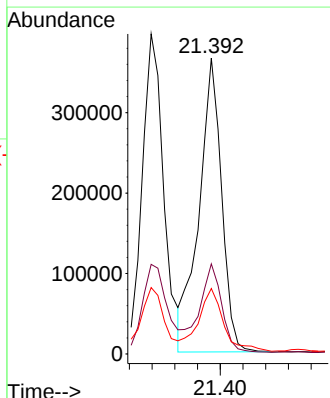
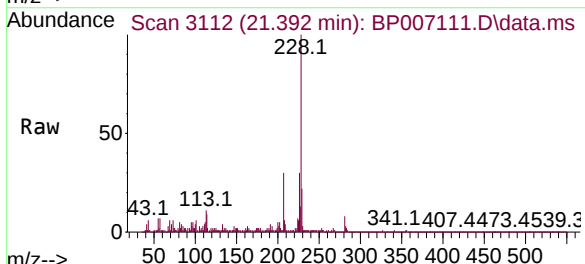
Instrument :
BNA_P
ClientSampleId :
TEST-PIT-9

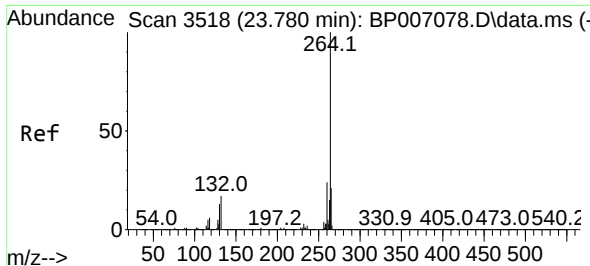
Tgt Ion:	228	Resp:	528955
Ion Ratio	Lower	Upper	
228	100		
226	28.0	21.6	32.4
229	20.8	15.8	23.6



#83
Chrysene
Concen: 5.730 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BP007111.D
Acq: 22 Sep 2021 22:35

Tgt Ion:	228	Resp:	504730
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.8	35.6
229	22.1	15.4	23.2



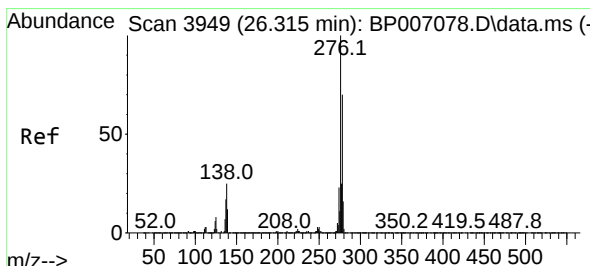
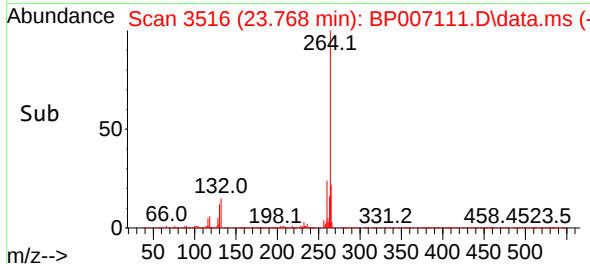
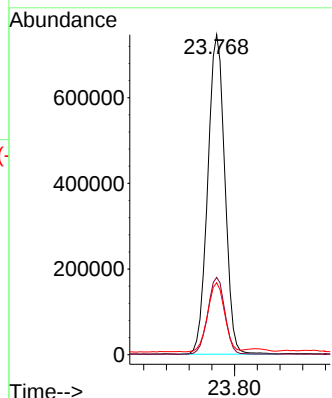
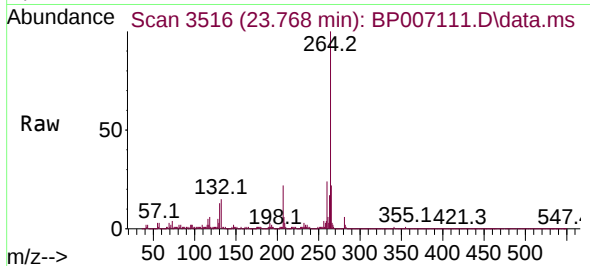


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BP007111.D
Acq: 22 Sep 2021 22:35

Instrument :
BNA_P
ClientSampleId :
TEST-PIT-9

Tgt Ion:264 Resp: 1550684

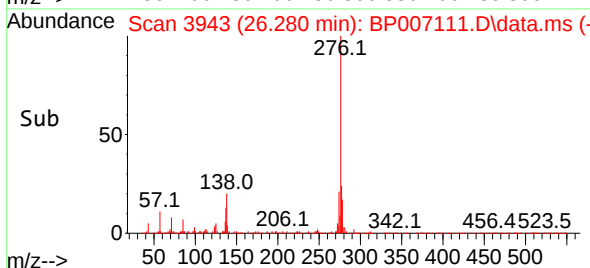
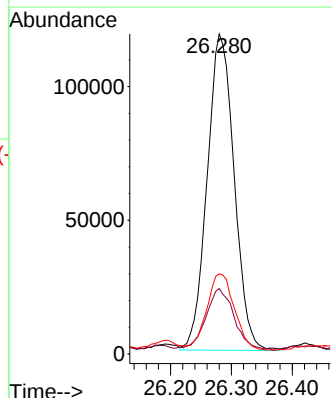
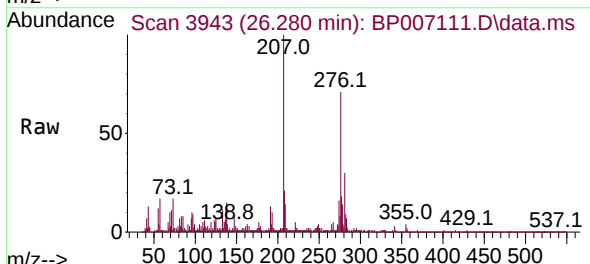
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	22.5	17.6	26.4

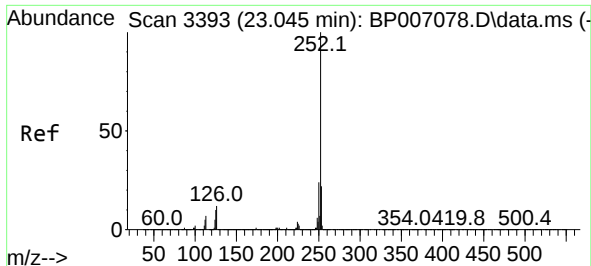


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.275 ng
RT: 26.280 min Scan# 3943
Delta R.T. -0.035 min
Lab File: BP007111.D
Acq: 22 Sep 2021 22:35

Tgt Ion:276 Resp: 364937

Ion	Ratio	Lower	Upper
276	100		
138	20.8	15.3	22.9
277	24.6	20.4	30.6

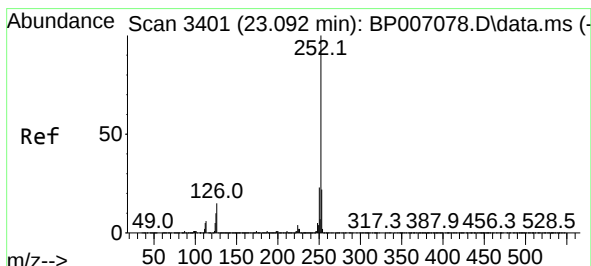
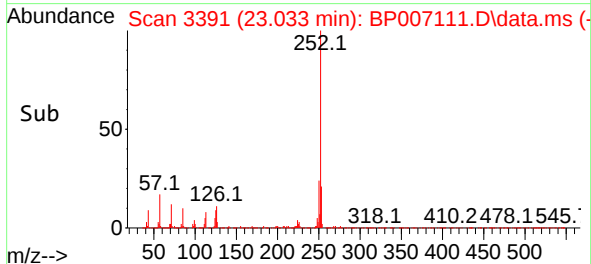
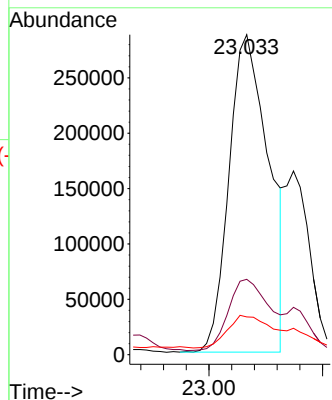
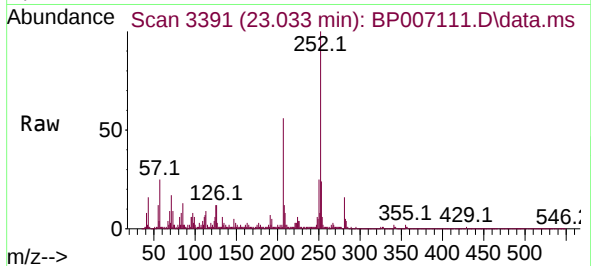




#88
Benzo(b)fluoranthene
Concen: 7.505 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.012 min
Lab File: BP007111.D
Acq: 22 Sep 2021 22:35

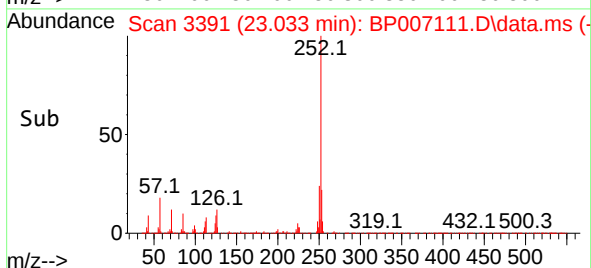
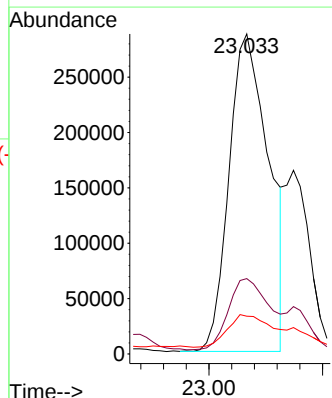
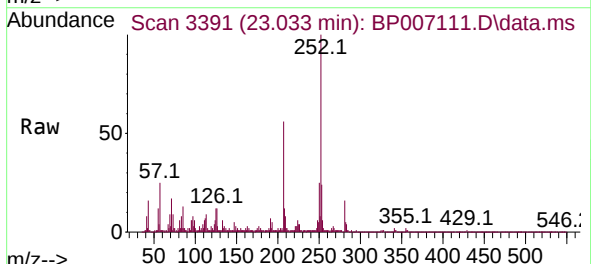
Instrument :
BNA_P
ClientSampleId :
TEST-PIT-9

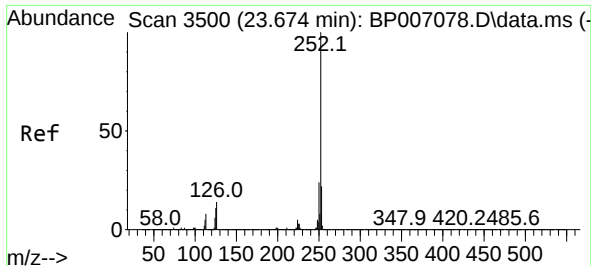
Tgt Ion:252 Resp: 695470
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 11.8 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 7.412 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.059 min
Lab File: BP007111.D
Acq: 22 Sep 2021 22:35

Tgt Ion:252 Resp: 695470
Ion Ratio Lower Upper
252 100
253 23.6 17.6 26.4
125 11.8 6.0 9.0#

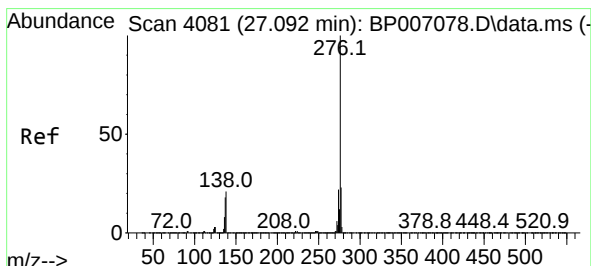
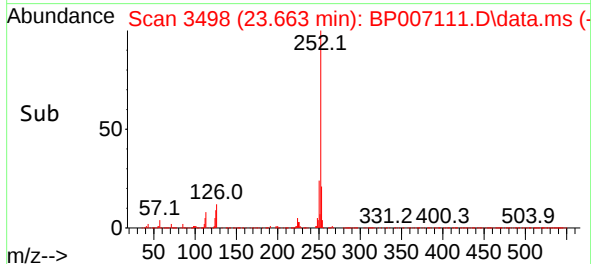
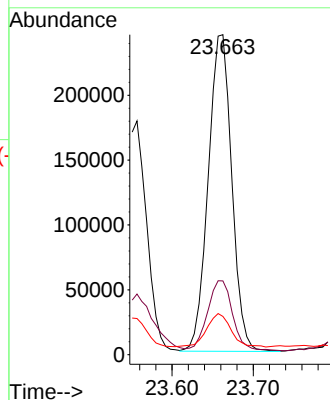
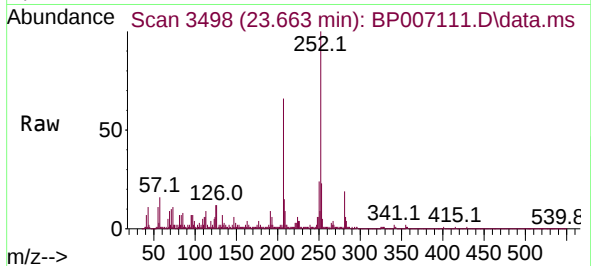




#90
Benzo(a)pyrene
Concen: 6.257 ng
RT: 23.663 min Scan# 3498
Delta R.T. -0.012 min
Lab File: BP007111.D
Acq: 22 Sep 2021 22:35

Instrument :
BNA_P
ClientSampleId :
TEST-PIT-9

Tgt Ion:252 Resp: 492612
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 11.9 6.5 9.7#



#92
Benzo(g,h,i)perylene
Concen: 3.868 ng
RT: 27.057 min Scan# 4075
Delta R.T. -0.035 min
Lab File: BP007111.D
Acq: 22 Sep 2021 22:35

Tgt Ion:276 Resp: 352494
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 19.8 12.6 18.8#

