

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100621\
 Data File : BP007365.D
 Acq On : 06 Oct 2021 21:25
 Operator : CG/JU
 Sample : M4077-15 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EJ-2

Quant Time: Oct 07 01:48:26 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)

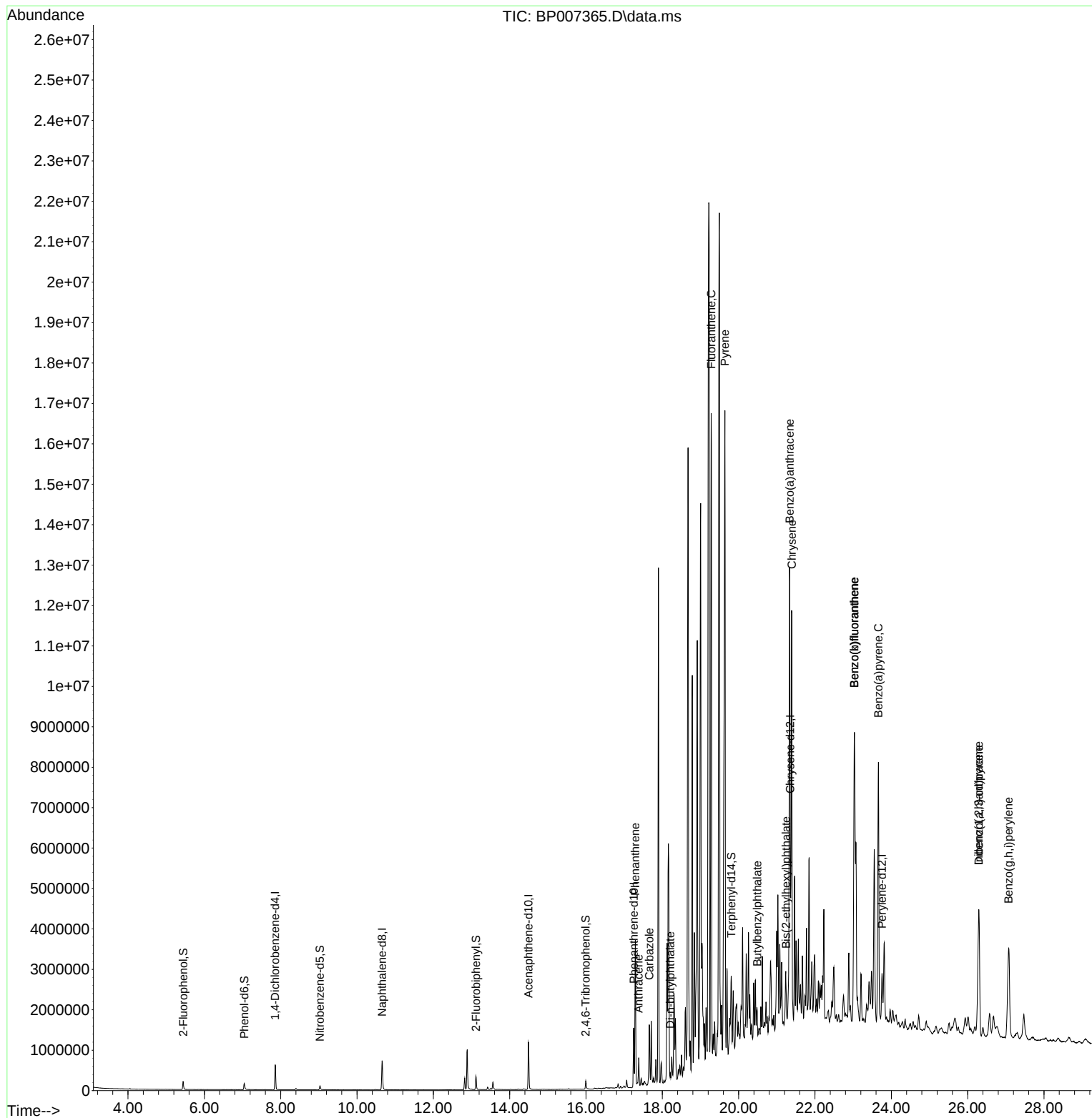
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	176908	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	675808	20.000	ng	# 0.00
39) Acenaphthene-d10	14.493	164	428347	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	900135	20.000	ng	0.00
76) Chrysene-d12	21.351	240	876547	20.000	ng	# 0.01
86) Perylene-d12	23.757	264	938367	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	105617	9.994	ng	0.00
7) Phenol-d6	7.046	99	121359	8.402	ng	0.00
23) Nitrobenzene-d5	9.028	82	73381	6.323	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	45085	8.119	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	190431	6.369	ng	-0.01
79) Terphenyl-d14	19.810	244	312719	6.836	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.292	178	2238602	46.382	ng	99
72) Anthracene	17.381	178	446539	9.458	ng	98
73) Carbazole	17.657	167	913642	19.747	ng	98
74) Di-n-butylphthalate	18.210	149	158831	3.098	ng	99
75) Fluoranthene	19.281	202	11386955	204.776	ng	97
78) Pyrene	19.639	202	11315403	196.758	ng	93
80) Butylbenzylphthalate	20.486	149	154829	6.723	ng	# 95
81) Benzo(a)anthracene	21.333	228	6328289	111.225	ng	96
83) Chrysene	21.392	228	6028704	110.867	ng	94
84) Bis(2-ethylhexyl)phtha...	21.245	149	126646	3.825	ng	93
87) Indeno(1,2,3-cd)pyrene	26.292	276	3421552	50.738	ng	99
88) Benzo(b)fluoranthene	23.033	252	7528484	134.249	ng	# 97
89) Benzo(k)fluoranthene	23.033	252	7528484	132.594	ng	# 97
90) Benzo(a)pyrene	23.663	252	5197473	109.091	ng	97
91) Dibenzo(a,h)anthracene	26.292	278	860855	15.233	ng	# 86
92) Benzo(g,h,i)perylene	27.074	276	3172838	57.531	ng	# 95

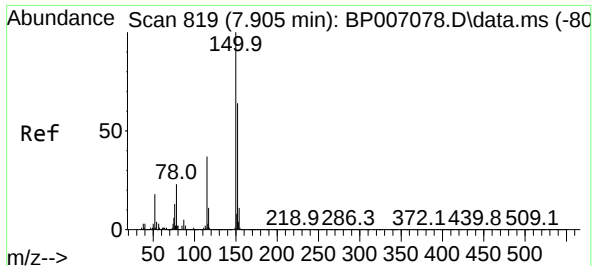
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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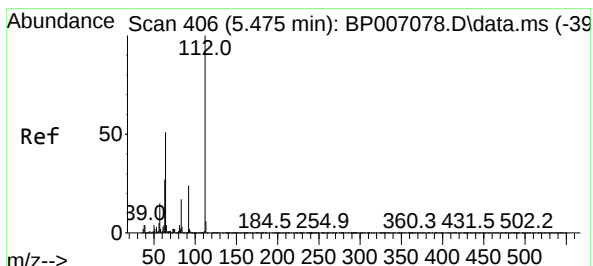
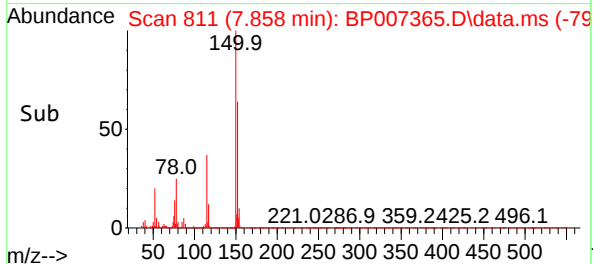
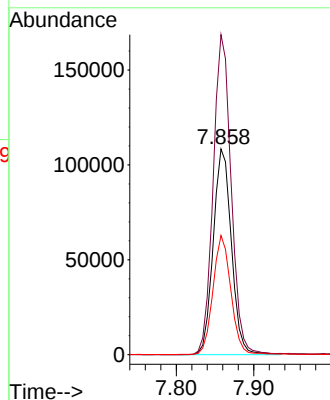
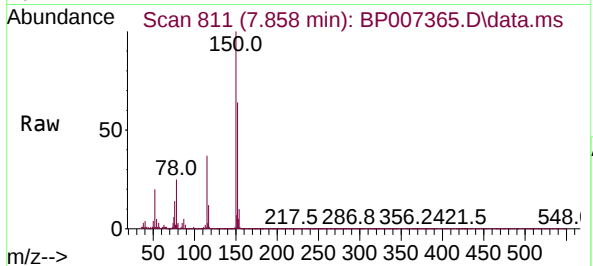




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 811
Delta R.T. -0.005 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

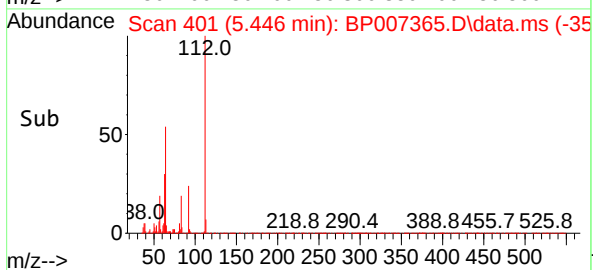
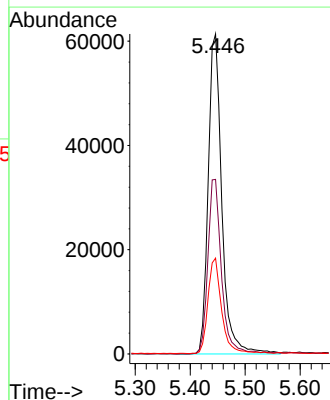
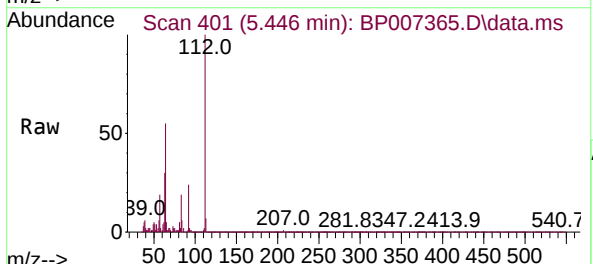
Instrument :
BNA_P
ClientSampleId :
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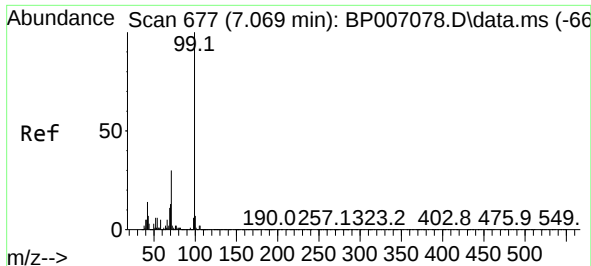
Tgt Ion:152 Resp: 176908
Ion Ratio Lower Upper
152 100
150 155.5 125.6 188.4
115 57.9 48.5 72.7



#5
2-Fluorophenol
Concen: 9.994 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Tgt Ion:112 Resp: 105617
Ion Ratio Lower Upper
112 100
64 54.5 41.4 62.2
63 29.9 23.8 35.8

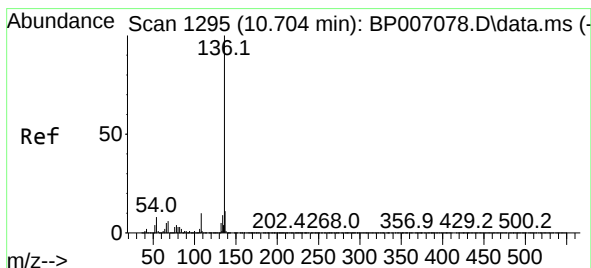
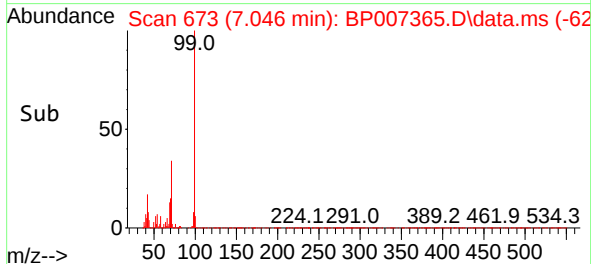
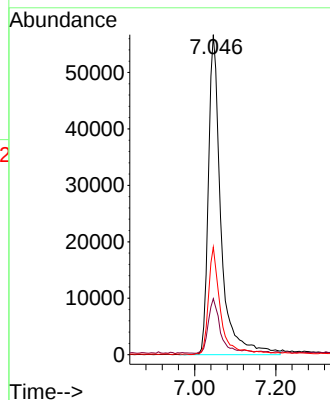
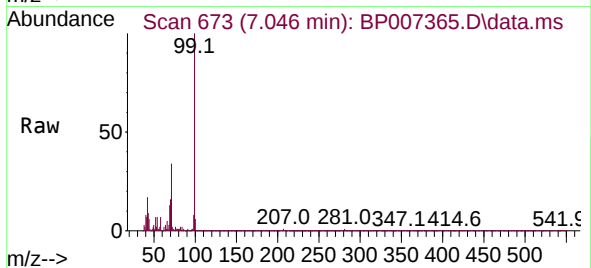




#7
Phenol-d6
Concen: 8.402 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

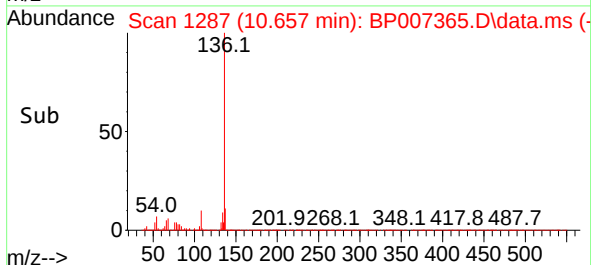
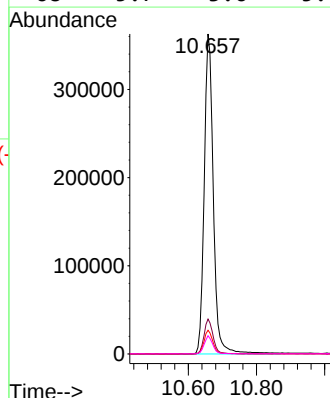
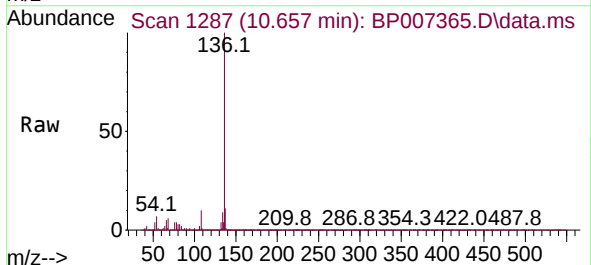
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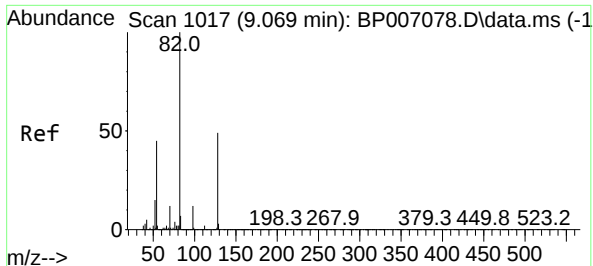
Tgt Ion:	99	Resp:	121359
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.4	20.0
71	33.6	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Tgt Ion:	136	Resp:	675808
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.4	4.6	6.8#
68	5.7	3.6	5.4#

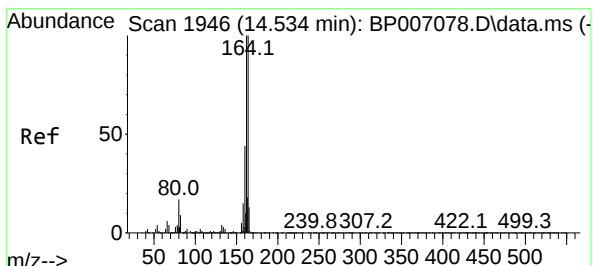
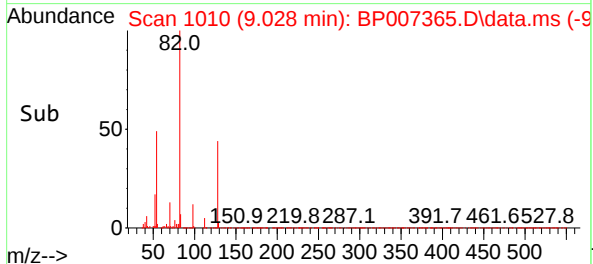
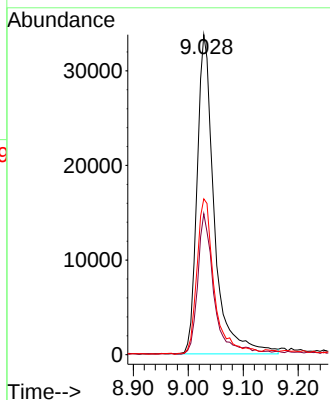
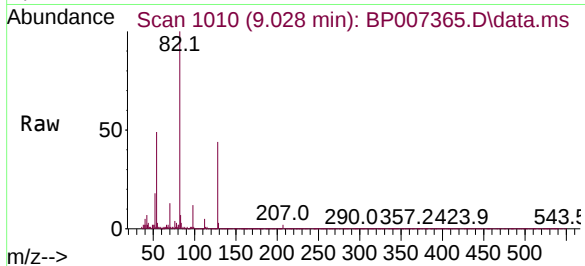




#23
Nitrobenzene-d5
Concen: 6.323 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

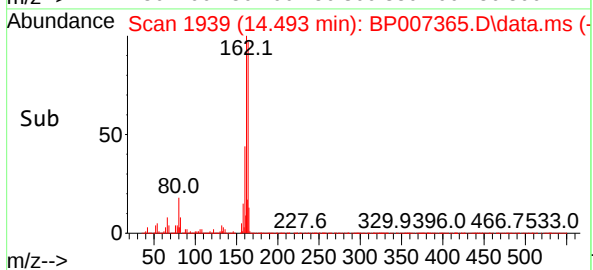
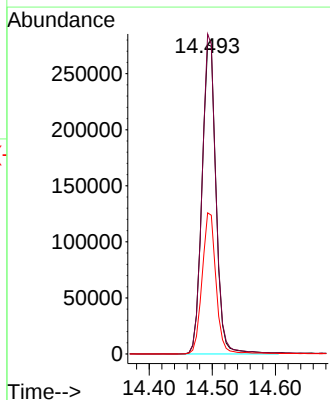
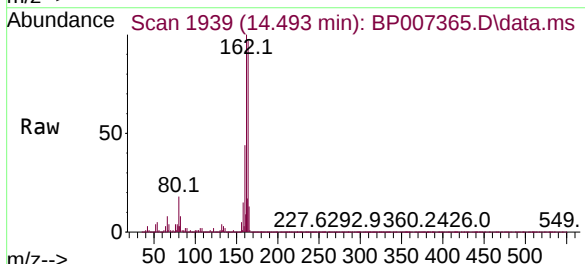
Instrument :
BNA_P
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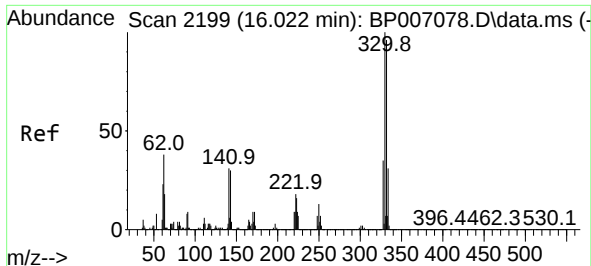
Tgt Ion: 82 Resp: 73381
Ion Ratio Lower Upper
82 100
128 44.1 35.7 53.5
54 48.7 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Tgt Ion: 164 Resp: 428347
Ion Ratio Lower Upper
164 100
162 103.5 80.2 120.2
160 45.7 34.5 51.7

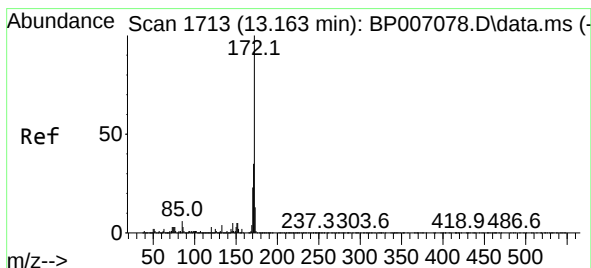
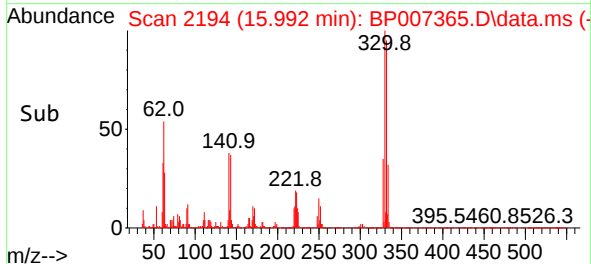
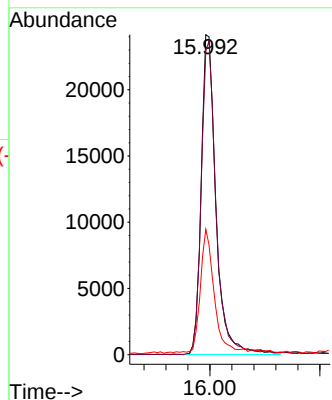
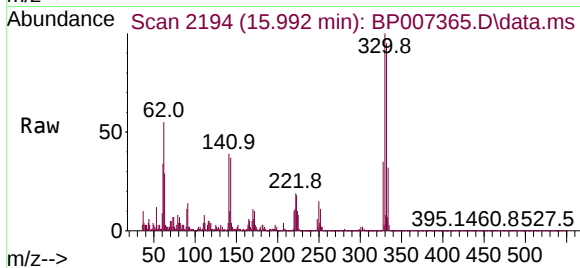




#42
2,4,6-Tribromophenol
Concen: 8.119 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

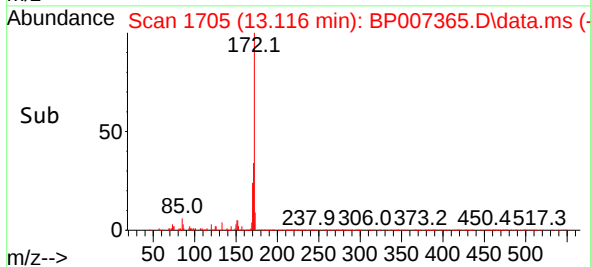
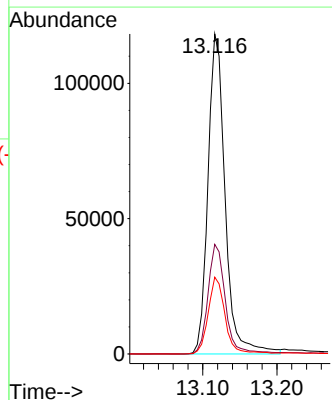
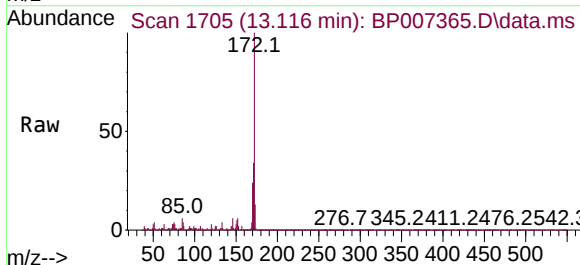
Instrument :
BNA_P
ClientSampleId :
EJ-2

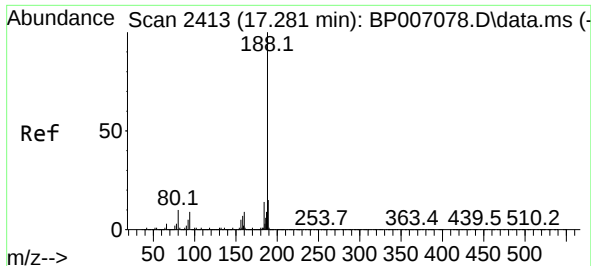
Tgt Ion: 330 Resp: 45085
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.8
141 36.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 6.369 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Tgt Ion: 172 Resp: 190431
Ion Ratio Lower Upper
172 100
171 34.2 27.9 41.9
170 24.0 18.6 27.8

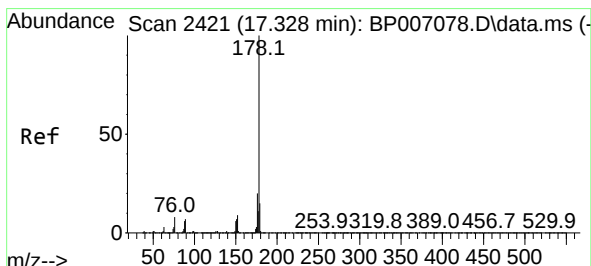
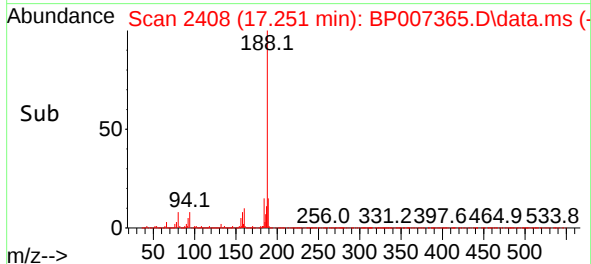
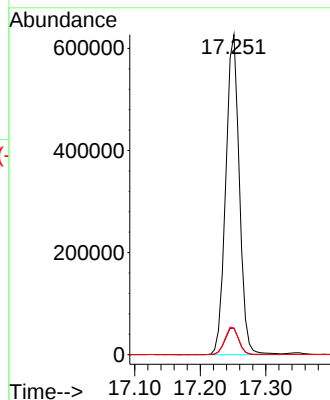
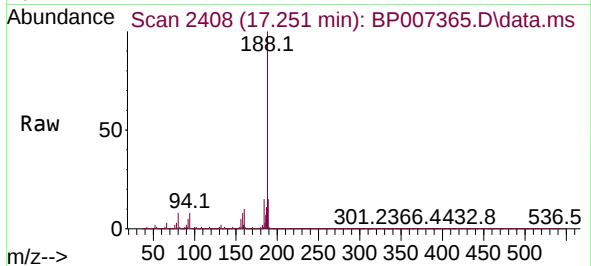




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

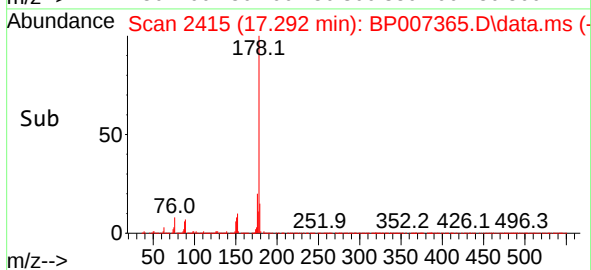
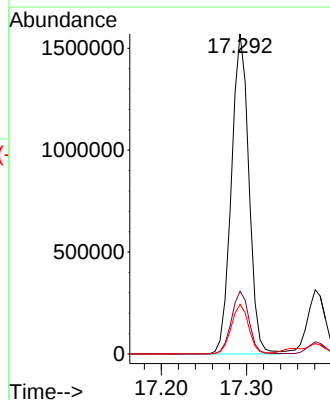
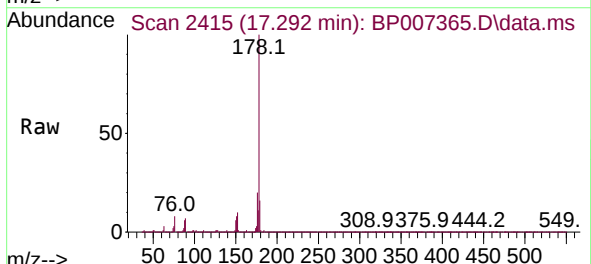
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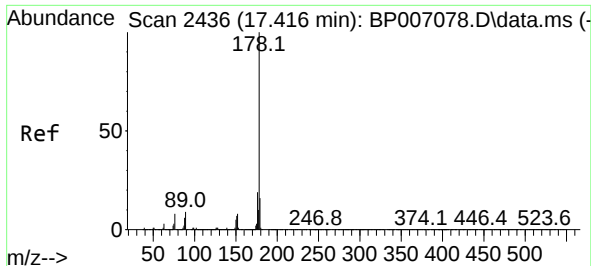
Tgt Ion:188 Resp: 900135
Ion Ratio Lower Upper
188 100
94 8.3 5.6 8.4
80 8.3 6.3 9.5



#71
Phenanthrene
Concen: 46.382 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Tgt Ion:178 Resp: 2238602
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 15.5 12.4 18.6

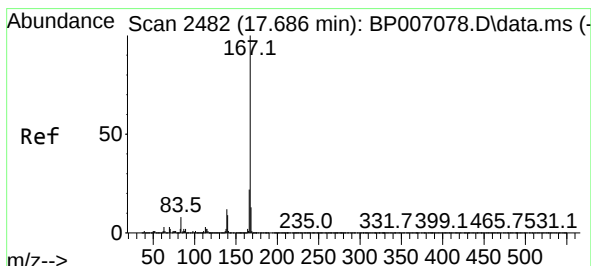
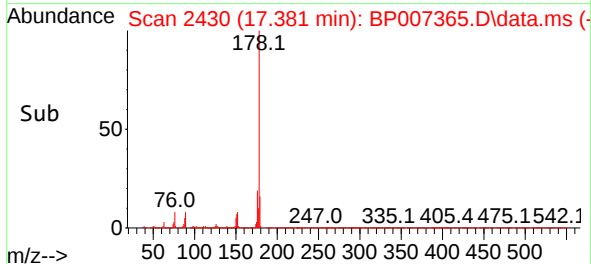
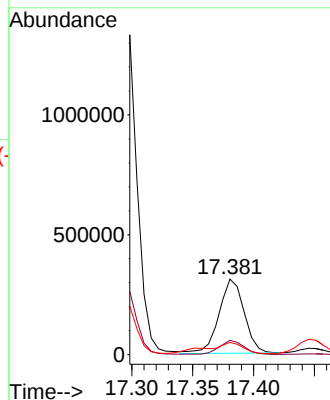
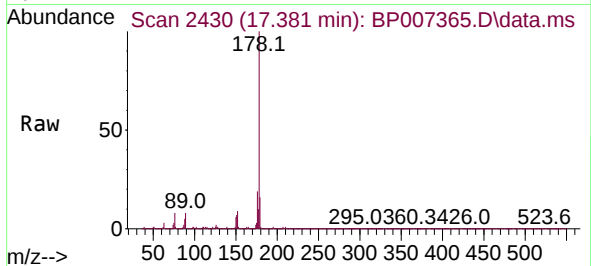




#72
 Anthracene
 Concen: 9.458 ng
 RT: 17.381 min Scan# 2430
 Delta R.T. -0.006 min
 Lab File: BP007365.D
 Acq: 06 Oct 2021 21:25

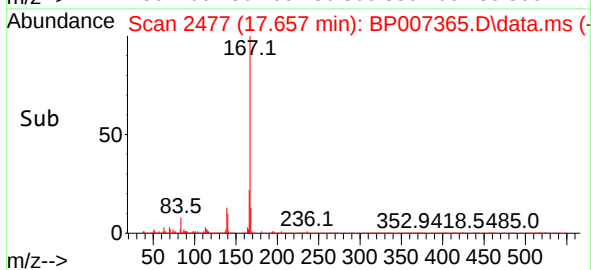
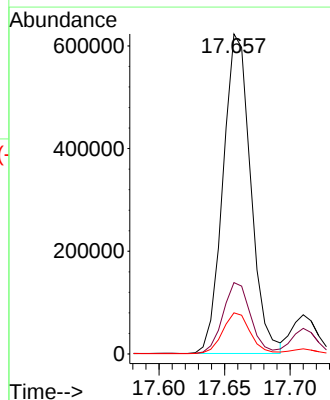
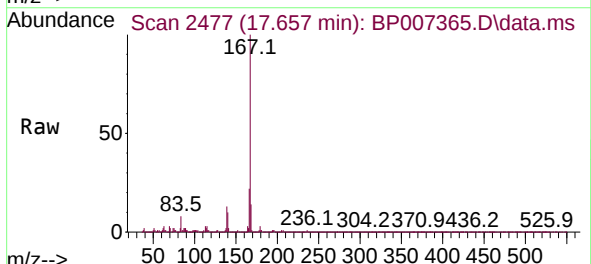
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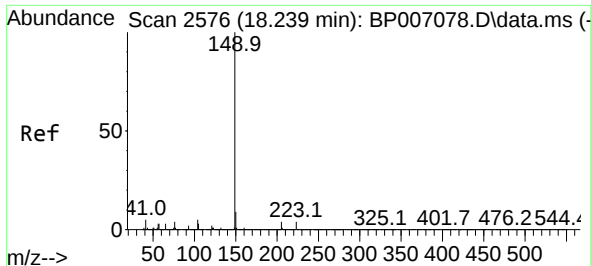
Tgt Ion:178 Resp: 446539
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.9 22.3
 179 16.3 12.2 18.2



#73
 Carbazole
 Concen: 19.747 ng
 RT: 17.657 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BP007365.D
 Acq: 06 Oct 2021 21:25

Tgt Ion:167 Resp: 913642
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.1 25.7
 139 12.9 10.7 16.1

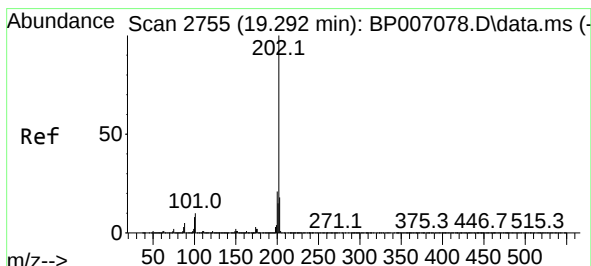
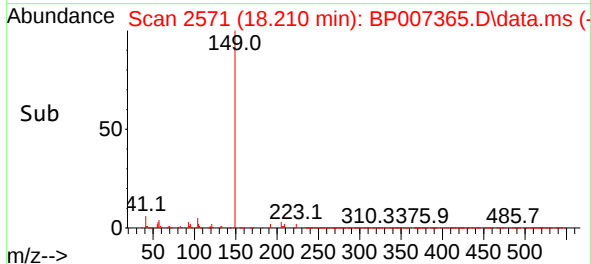
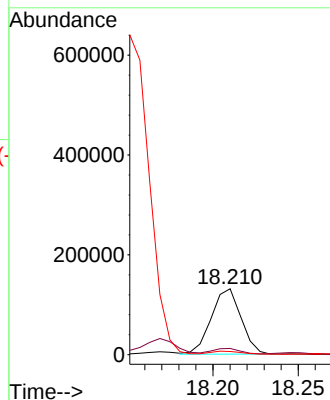
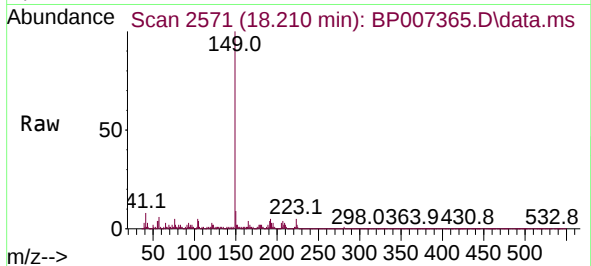




#74
Di-n-butylphthalate
Concen: 3.098 ng
RT: 18.210 min Scan# 2571
Delta R.T. 0.000 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

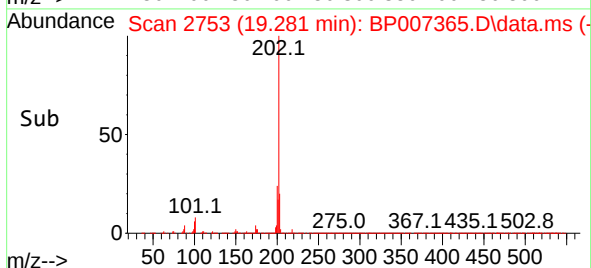
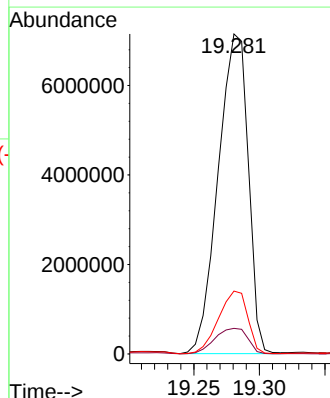
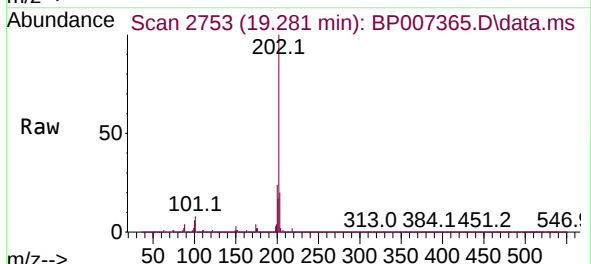
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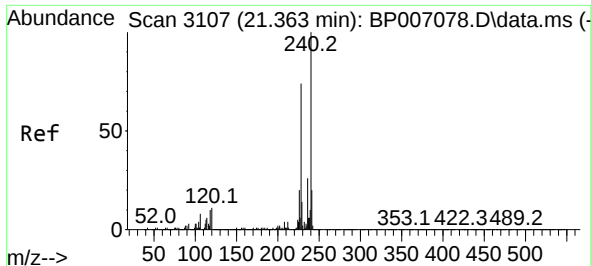
Tgt Ion:149 Resp: 158831
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 5.0 4.5 6.7



#75
Fluoranthene
Concen: 204.776 ng
RT: 19.281 min Scan# 2753
Delta R.T. 0.018 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Tgt Ion:202 Resp:11386955
Ion Ratio Lower Upper
202 100
101 8.0 0.0 27.6
203 19.7 0.0 37.8

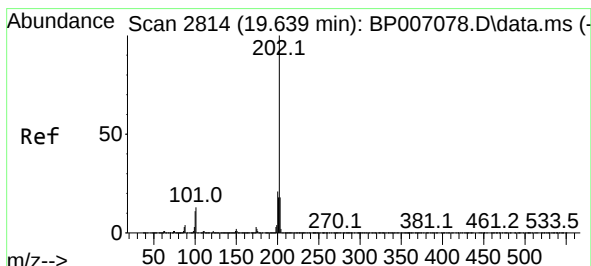
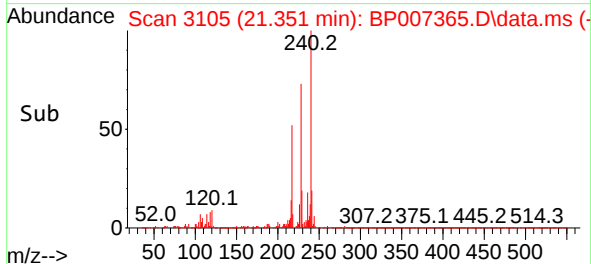
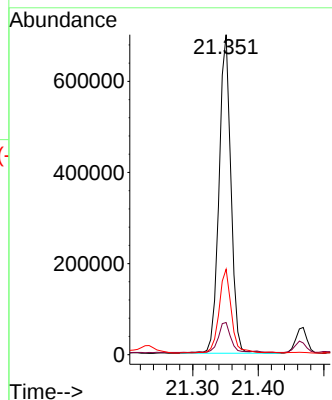
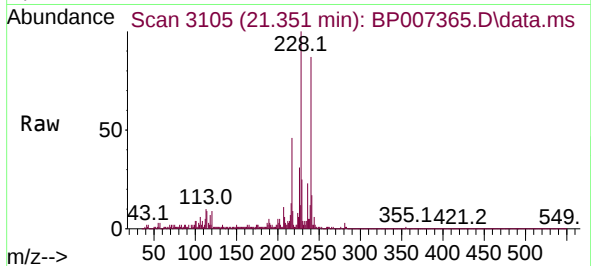




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. 0.012 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

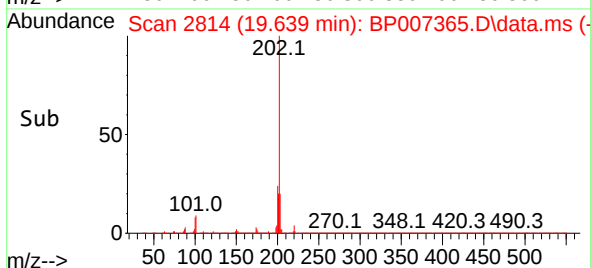
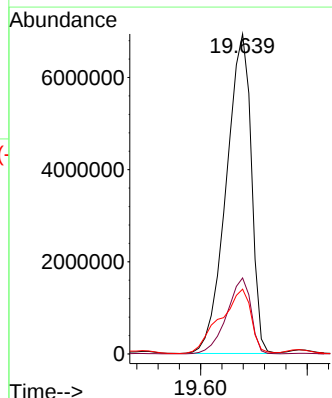
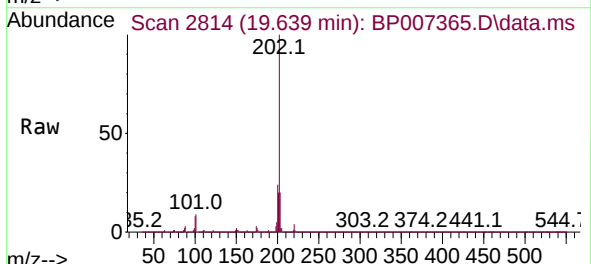
Instrument :
BNA_P
ClientSampleId :
EJ-2

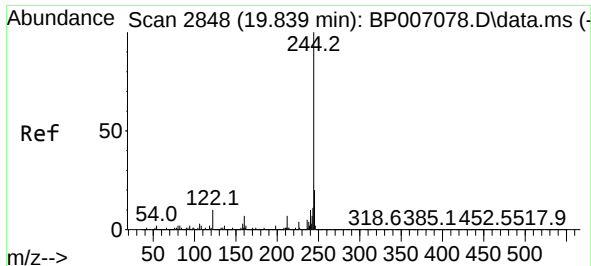
Tgt Ion:240 Resp: 876547
Ion Ratio Lower Upper
240 100
120 10.1 6.5 9.7#
236 26.7 20.6 31.0



#78
Pyrene
Concen: 196.758 ng
RT: 19.639 min Scan# 2814
Delta R.T. 0.024 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Tgt Ion:202 Resp:11315403
Ion Ratio Lower Upper
202 100
200 23.7 16.3 24.5
203 20.2 14.2 21.2

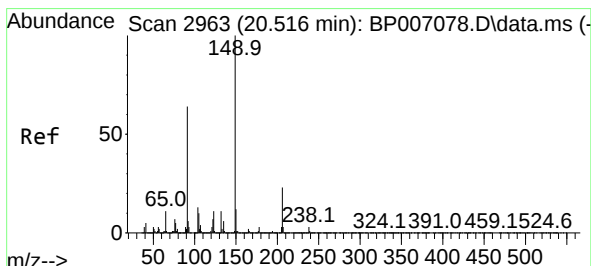
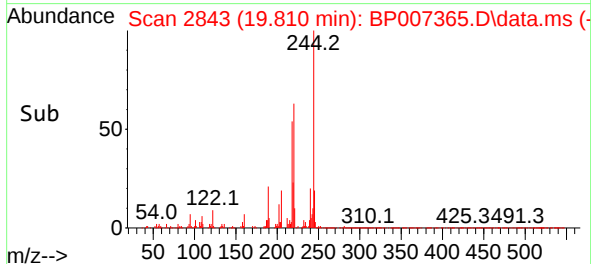
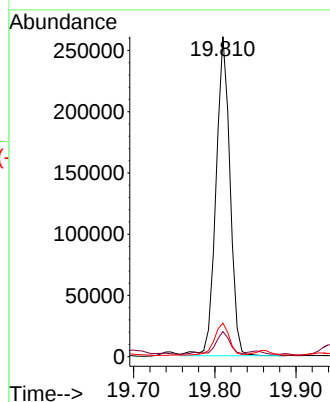
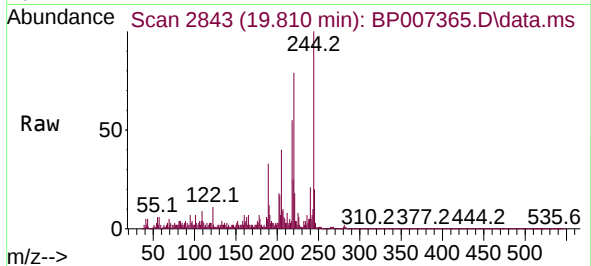




#79
Terphenyl-d14
Concen: 6.836 ng
RT: 19.810 min Scan# 2843
Delta R.T. 0.000 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

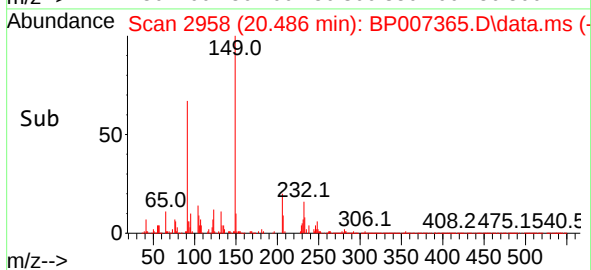
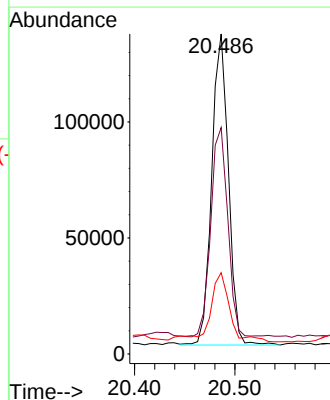
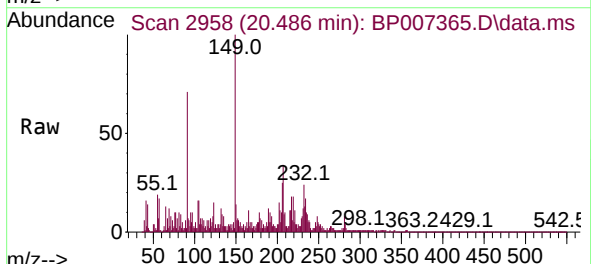
Instrument :
BNA_P
ClientSampleId :
EJ-2

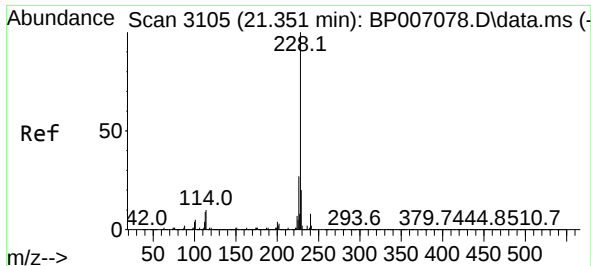
Tgt Ion:244 Resp: 312719
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 10.5 7.1 10.7



#80
Butylbenzylphthalate
Concen: 6.723 ng
RT: 20.486 min Scan# 2958
Delta R.T. 0.000 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Tgt Ion:149 Resp: 154829
Ion Ratio Lower Upper
149 100
91 70.8 54.6 81.8
206 25.4 16.7 25.1#

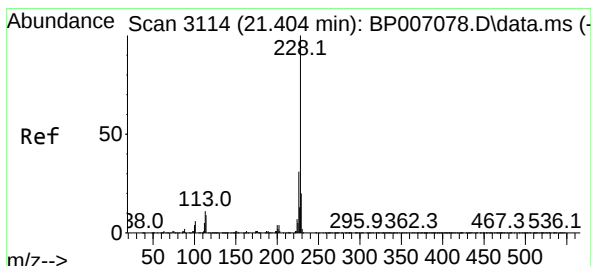
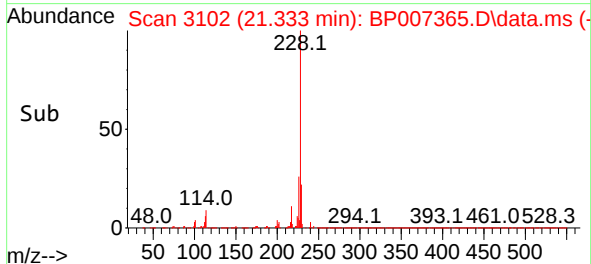
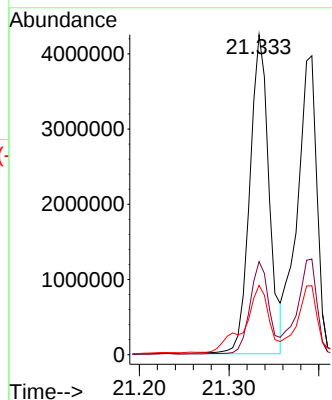
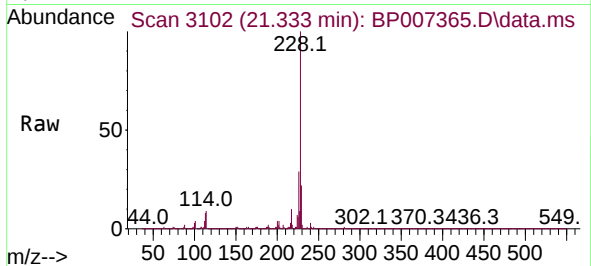




#81
Benzo(a)anthracene
Concen: 111.225 ng
RT: 21.333 min Scan# 3102
Delta R.T. 0.006 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

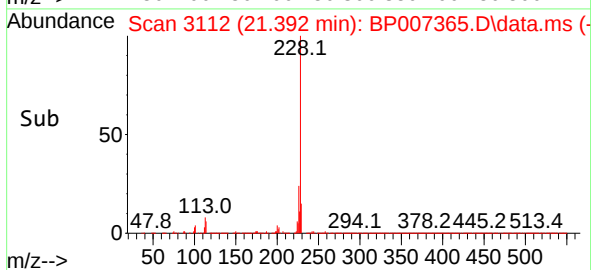
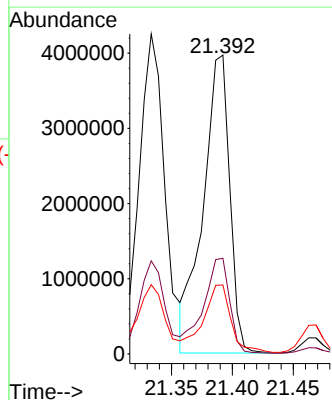
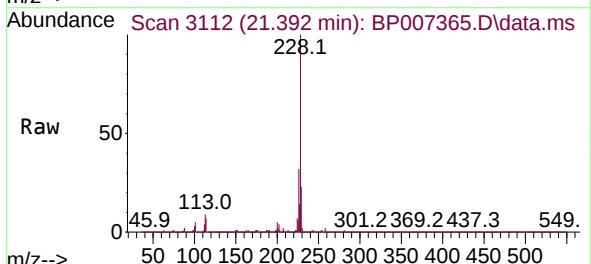
Instrument :
BNA_P
ClientSampleId :
EJ-2

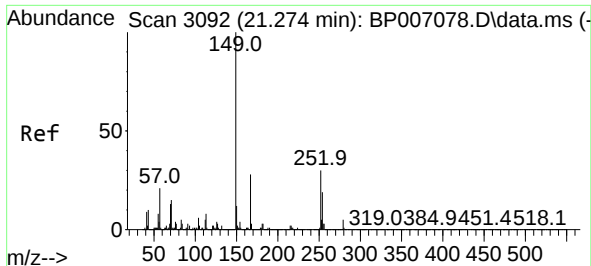
Tgt Ion:228 Resp: 6328289
Ion Ratio Lower Upper
228 100
226 29.1 21.6 32.4
229 21.7 15.8 23.6



#83
Chrysene
Concen: 110.867 ng
RT: 21.392 min Scan# 3112
Delta R.T. 0.012 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Tgt Ion:228 Resp: 6028704
Ion Ratio Lower Upper
228 100
226 32.0 23.8 35.6
229 23.1 15.4 23.2

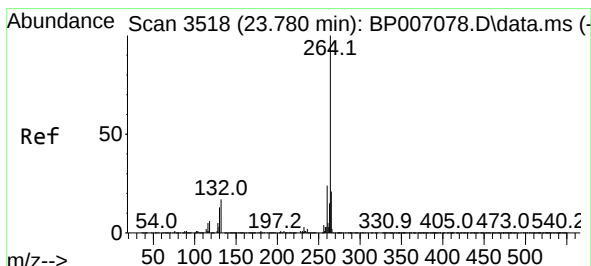
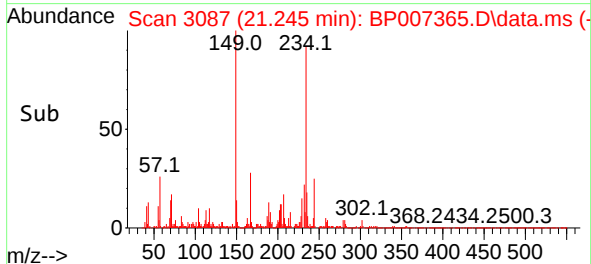
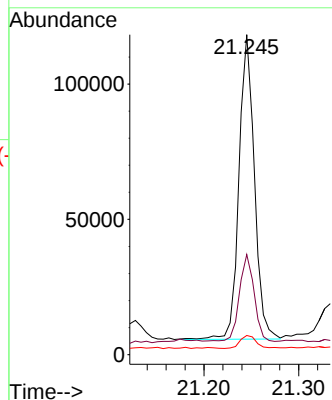
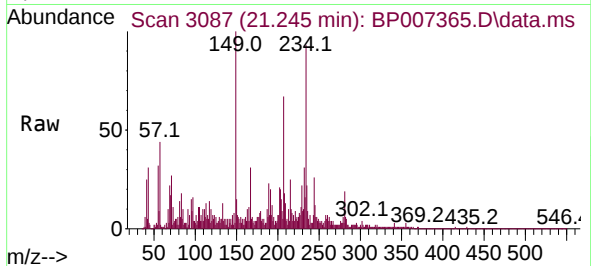




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.825 ng
RT: 21.245 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

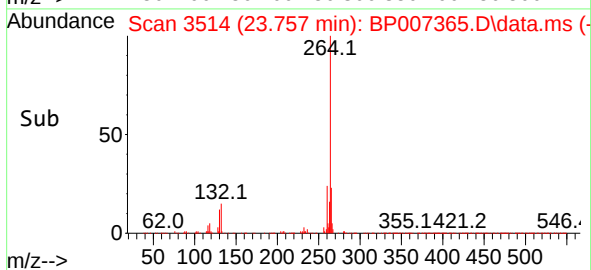
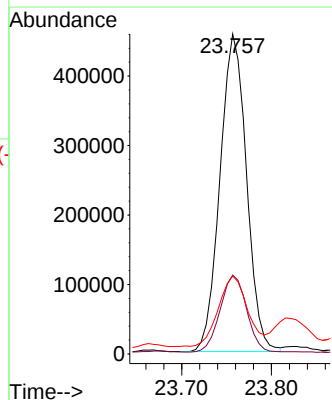
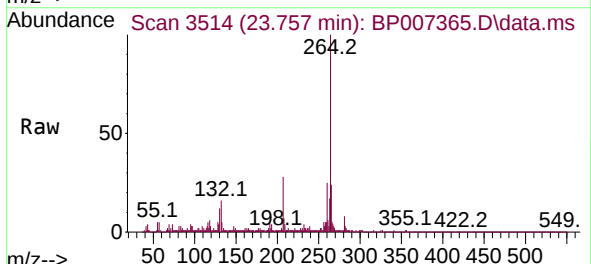
Instrument :
BNA_P
ClientSampled :
EJ-2

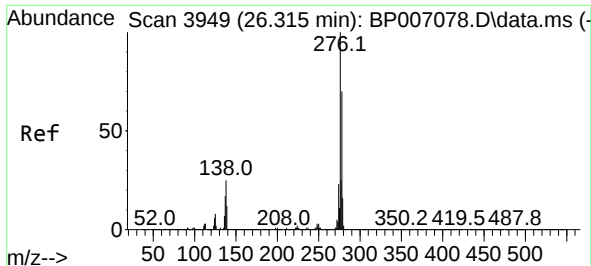
Tgt Ion:149 Resp: 126646
Ion Ratio Lower Upper
149 100
167 31.3 21.9 32.9
279 6.0 4.3 6.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.012 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Tgt Ion:264 Resp: 938367
Ion Ratio Lower Upper
264 100
260 24.7 18.6 28.0
265 24.4 17.6 26.4

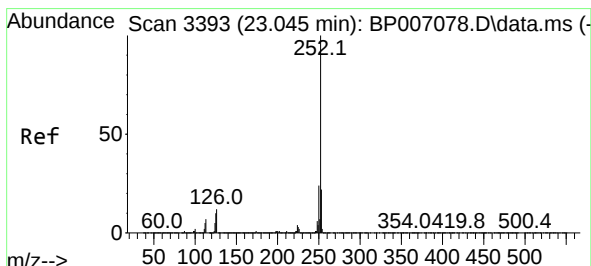
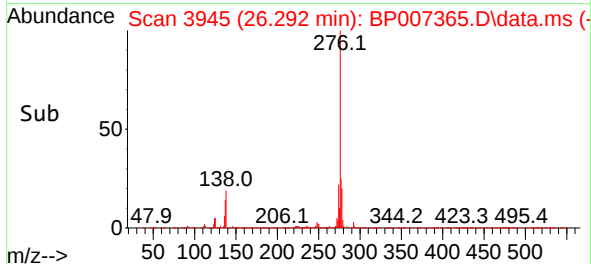
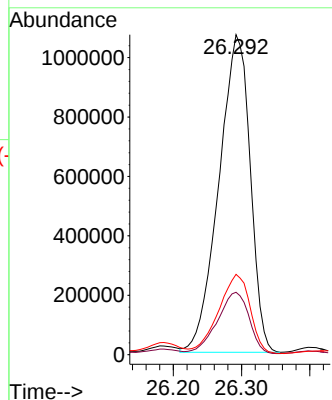
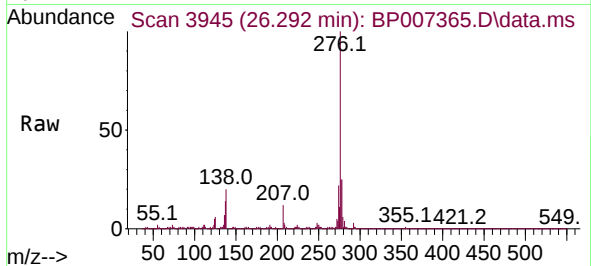




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.738 ng
RT: 26.292 min Scan# 3945
Delta R.T. 0.024 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

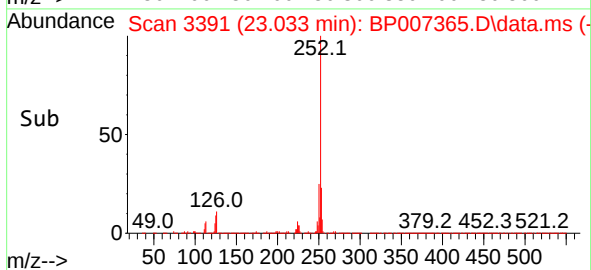
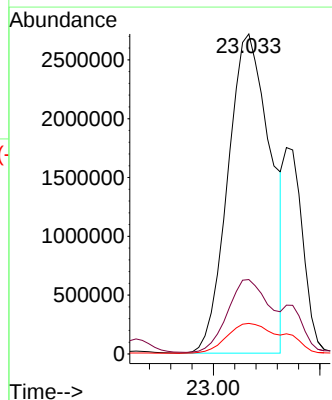
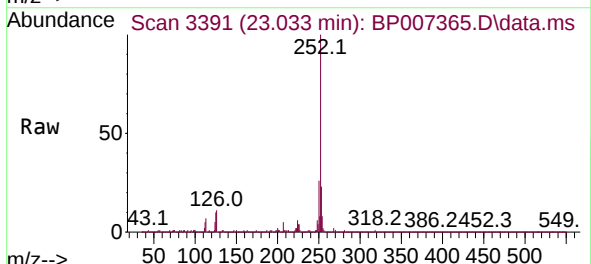
Instrument :
BNA_P
ClientSampleId :
EJ-2

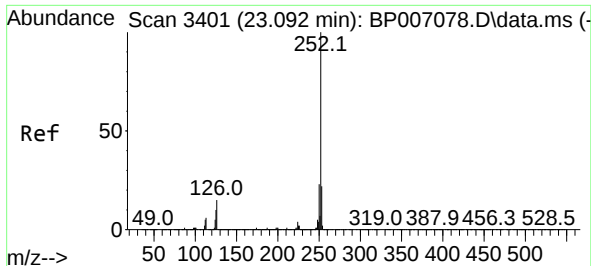
Tgt Ion:276 Resp: 3421552
Ion Ratio Lower Upper
276 100
138 19.6 15.3 22.9
277 25.1 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 134.249 ng
RT: 23.033 min Scan# 3391
Delta R.T. 0.024 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Tgt Ion:252 Resp: 7528484
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 9.6 6.2 9.4#

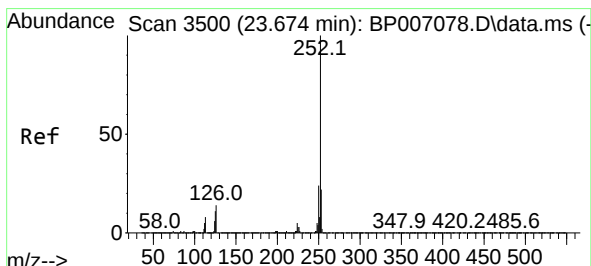
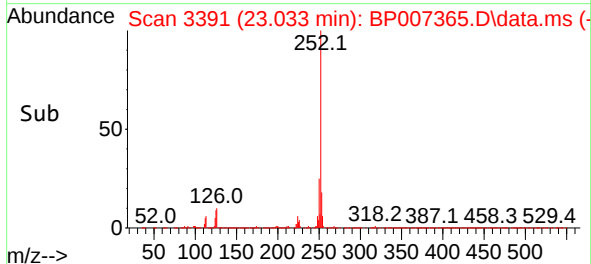
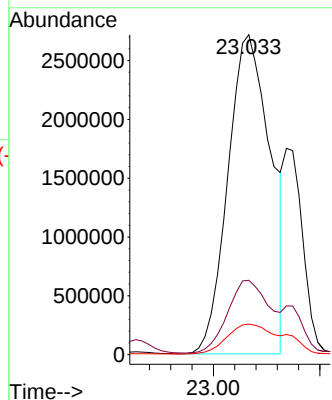
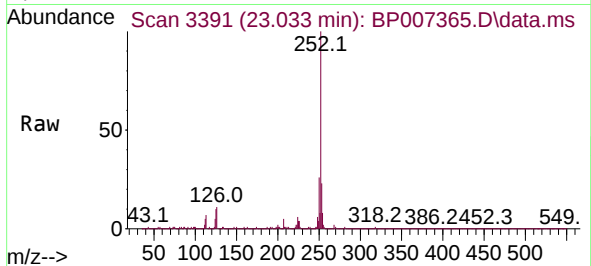




#89
Benzo(k)fluoranthene
Concen: 132.594 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.023 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

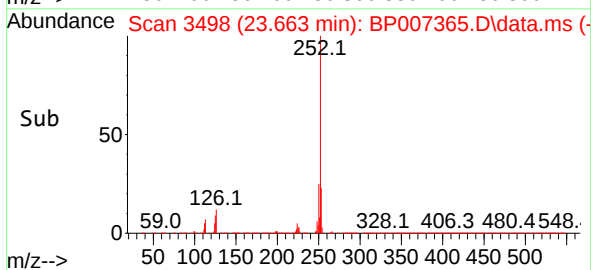
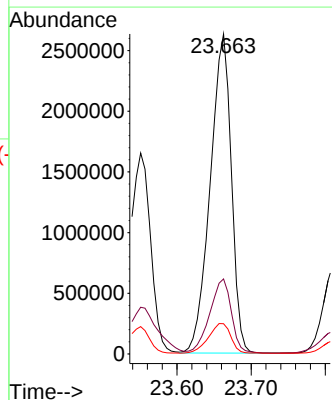
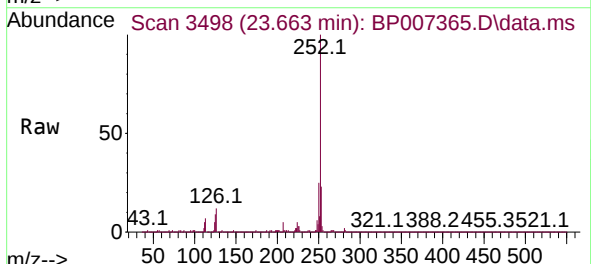
Instrument :
BNA_P
ClientSampleId :
EJ-2

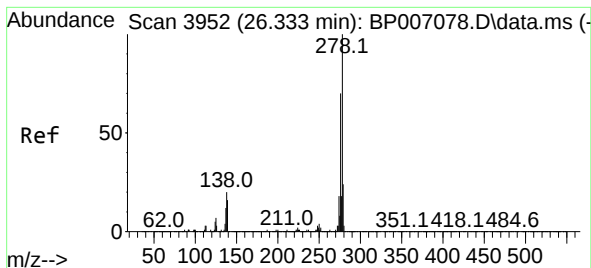
Tgt Ion:252 Resp: 7528484
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 9.6 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 109.091 ng
RT: 23.663 min Scan# 3498
Delta R.T. 0.024 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Tgt Ion:252 Resp: 5197473
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 9.5 6.5 9.7





#91

Dibenzo(a,h)anthracene

Concen: 15.233 ng

RT: 26.292 min Scan# 3945

Delta R.T. 0.012 min

Lab File: BP007365.D

Acq: 06 Oct 2021 21:25

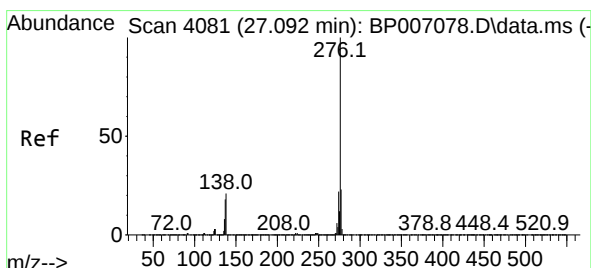
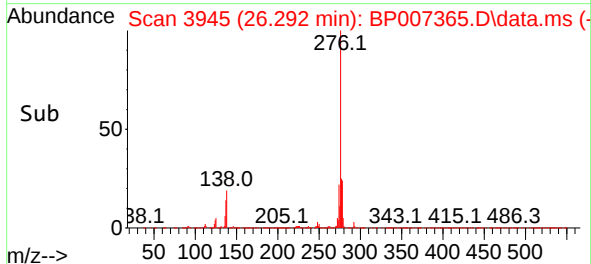
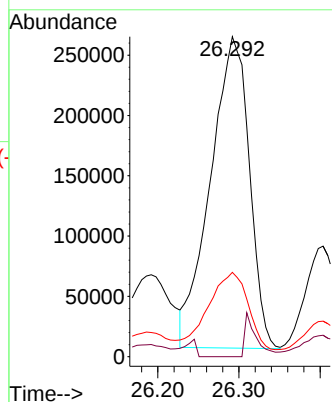
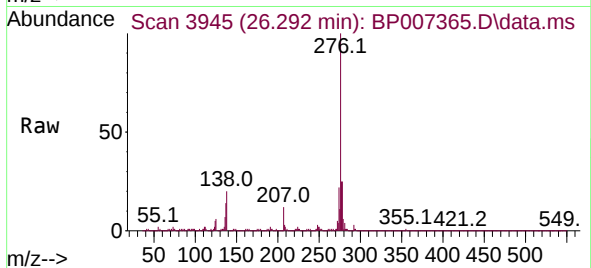
Instrument :

BNA_P

ClientSampled :

EJ-2

Tgt Ion:	278	Resp:	860855
Ion Ratio	Lower	Upper	
278	100		
139	0.0	9.3	13.9#
279	26.4	18.8	28.2



#92

Benzo(g,h,i)perylene

Concen: 57.531 ng

RT: 27.074 min Scan# 4078

Delta R.T. 0.030 min

Lab File: BP007365.D

Acq: 06 Oct 2021 21:25

Tgt Ion:	276	Resp:	3172838
Ion Ratio	Lower	Upper	
276	100		
277	24.7	18.9	28.3
138	20.1	12.6	18.8#

