

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
 Data File : BP003408.D
 Acq On : 29 Sep 2020 20:12
 Operator : CG/JU
 Sample : L4170-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR251606

Quant Time: Sep 30 01:20:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 17:55:44 2020
 Response via : Initial Calibration

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

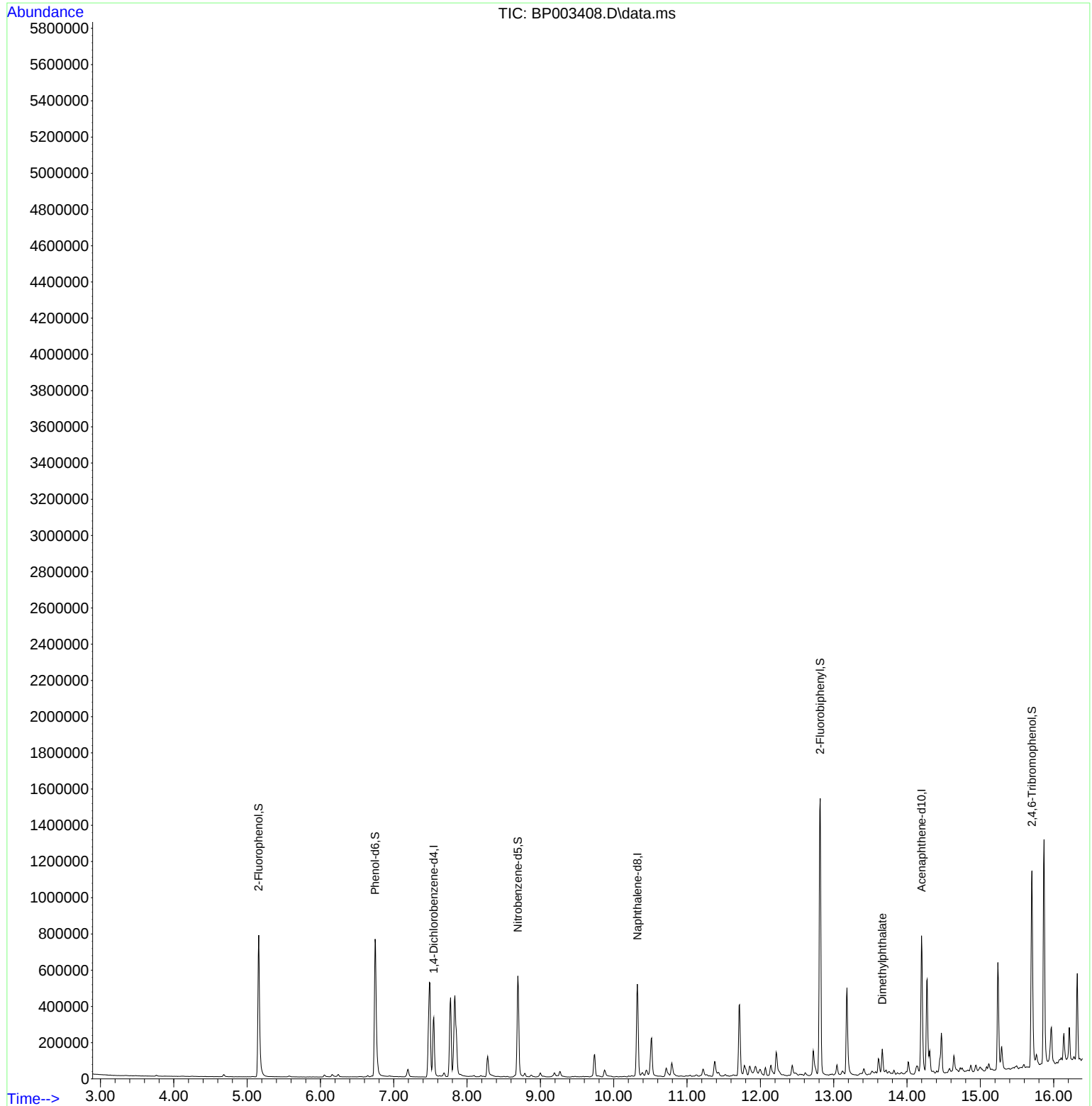
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	88510	20.00	ng	0.00
21) Naphthalene-d8	10.322	136	390926	20.00	ng	# 0.00
39) Acenaphthene-d10	14.198	164	251543	20.00	ng	-0.01
64) Phenanthrene-d10	16.957	188	549114	20.00	ng	# 0.00
76) Chrysene-d12	21.063	240	669231	20.00	ng	-0.01
86) Perylene-d12	23.257	264	748644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.157	112	409209	80.73	ng	0.00
7) Phenol-d6	6.746	99	553632	81.94	ng	0.00
23) Nitrobenzene-d5	8.693	82	349489	52.52	ng	-0.01
42) 2,4,6-Tribromophenol	15.704	330	229224	59.75	ng	0.00
45) 2-Fluorobiphenyl	12.816	172	811149	47.16	ng	0.00
79) Terphenyl-d14	19.539	244	1269058	39.51	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	13.663	163	91083	4.53	ng	98
71) Phenanthrene	16.998	178	59889	2.00	ng	98
75) Fluoranthene	18.986	202	197874	5.27	ng	99
78) Pyrene	19.333	202	161783	3.88	ng	99
81) Benzo(a)anthracene	21.045	228	89359	2.07	ng	98
83) Chrysene	21.098	228	107078	2.58	ng	97
88) Benzo(b)fluoranthene	22.598	252	159047	3.36	ng	# 94
90) Benzo(a)pyrene	23.157	252	92302	2.07	ng	# 91

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

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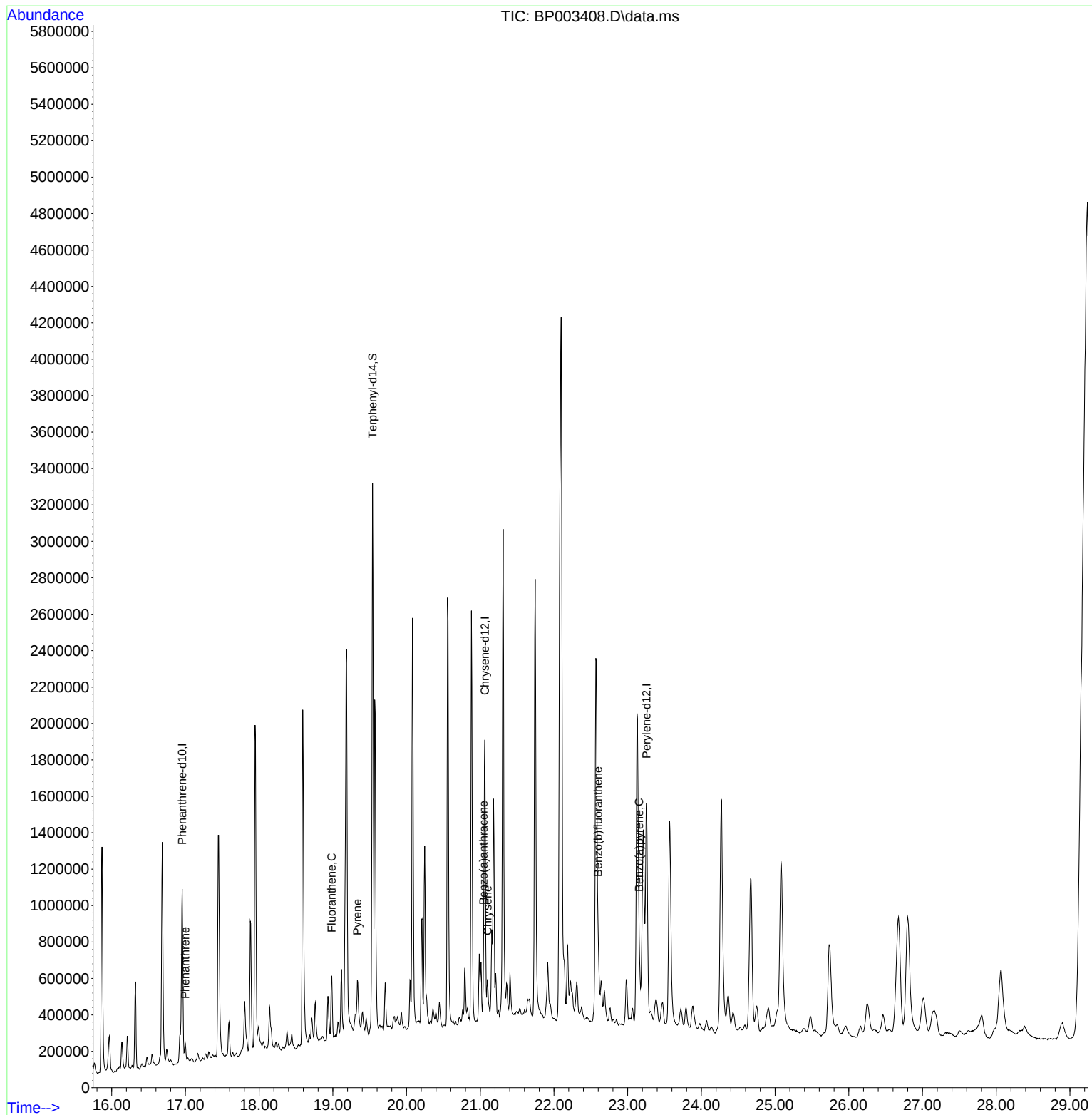
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 17:55:44 2020
Response via : Initial Calibration

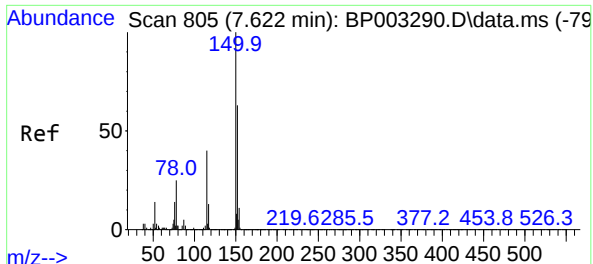


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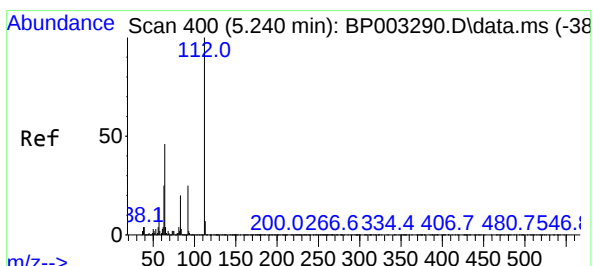
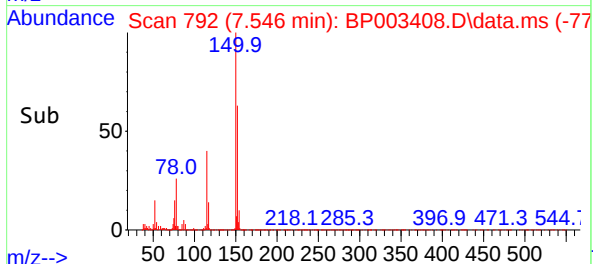
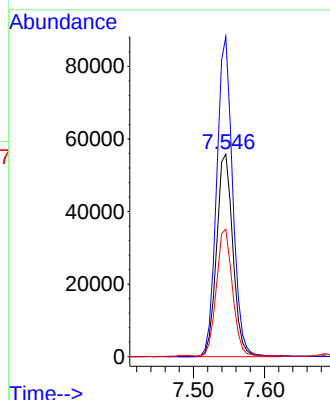
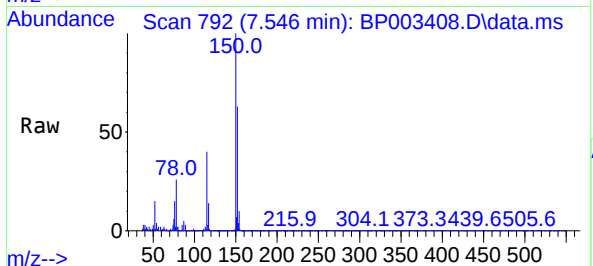




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.546 min Scan# 792
Delta R.T. -0.000 min
Lab File: BP003408.D
Acq: 29 Sep 2020 20:12

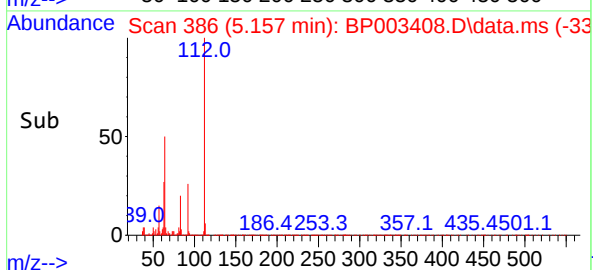
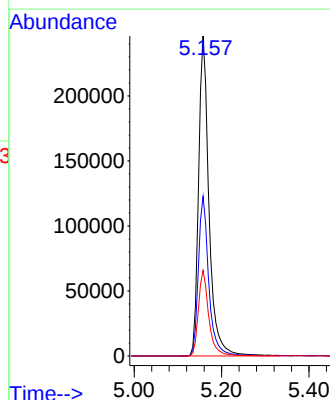
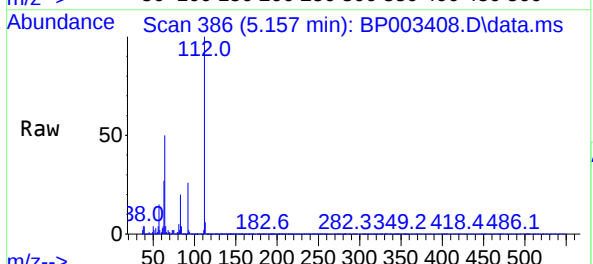
Instrument :
BNA_P
ClientSampleId :
RBR251606

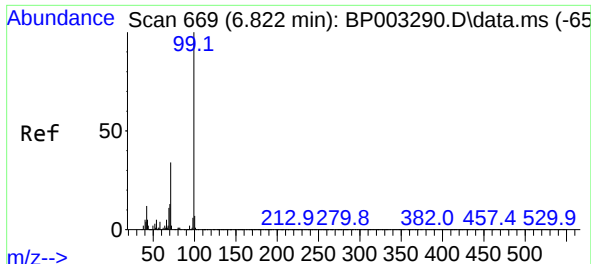
Tgt Ion:152 Resp: 88510
Ion Ratio Lower Upper
152 100
150 157.9 123.8 185.6
115 63.0 43.8 65.6



#5
2-Fluorophenol
Concen: 80.73 ng
RT: 5.157 min Scan# 386
Delta R.T. -0.006 min
Lab File: BP003408.D
Acq: 29 Sep 2020 20:12

Tgt Ion:112 Resp: 409209
Ion Ratio Lower Upper
112 100
64 49.8 32.8 49.2#
63 26.8 17.0 25.4#

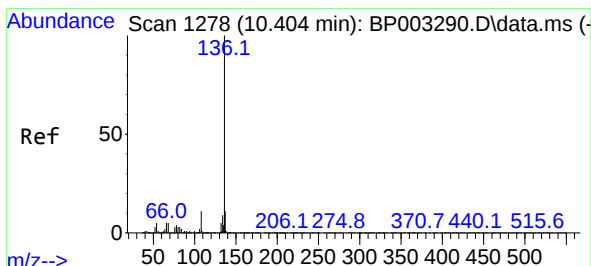
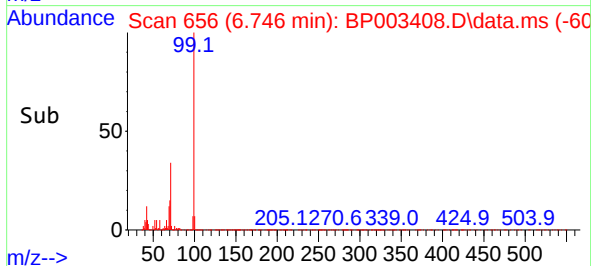
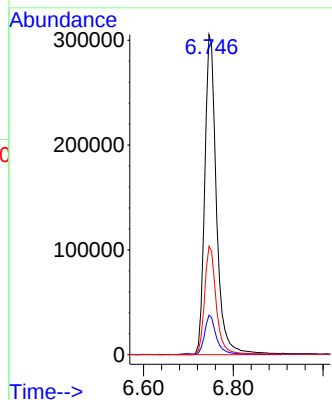
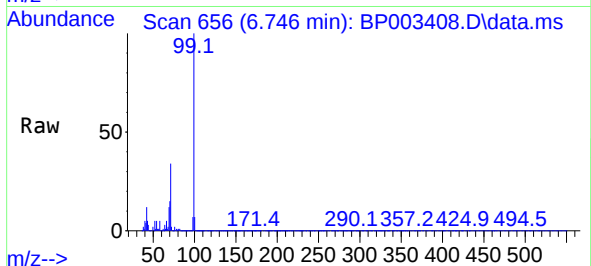




#7
Phenol-d6
Concen: 81.94 ng
RT: 6.746 min Scan# 656
Delta R.T. -0.006 min
Lab File: BP003408.D
Acq: 29 Sep 2020 20:12

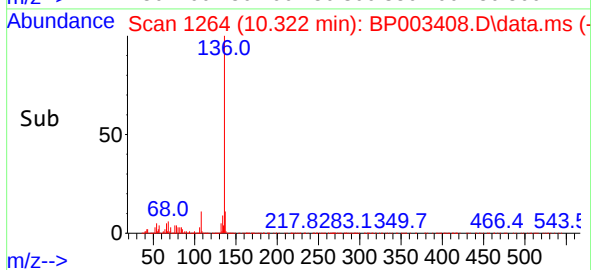
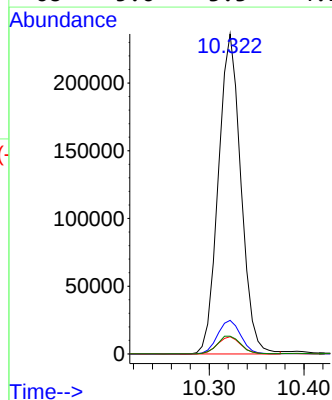
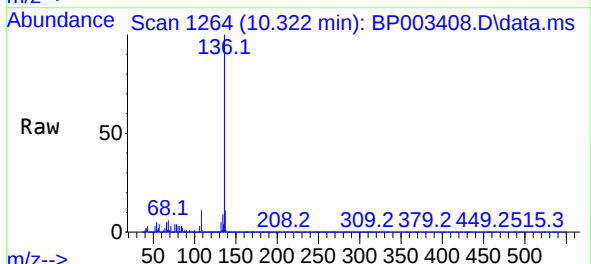
Instrument :
BNA_P
ClientSampleId :
RBR251606

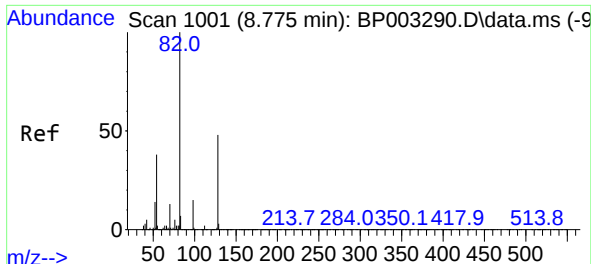
Tgt Ion: 99 Resp: 553632
Ion Ratio Lower Upper
99 100
42 12.3 8.6 13.0
71 33.9 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.322 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP003408.D
Acq: 29 Sep 2020 20:12

Tgt Ion: 136 Resp: 390926
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 5.4 3.6 5.4#
68 5.6 3.3 4.9#

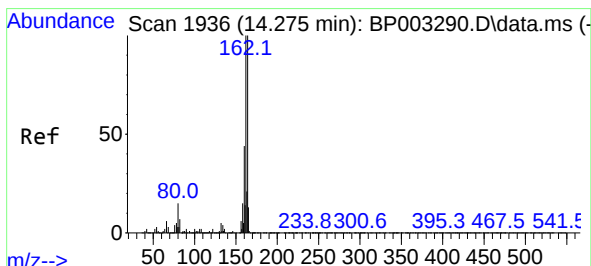
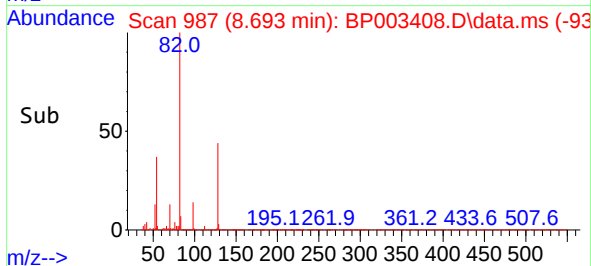
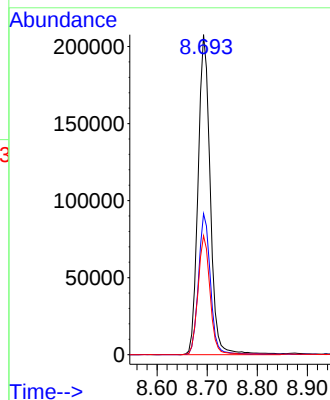
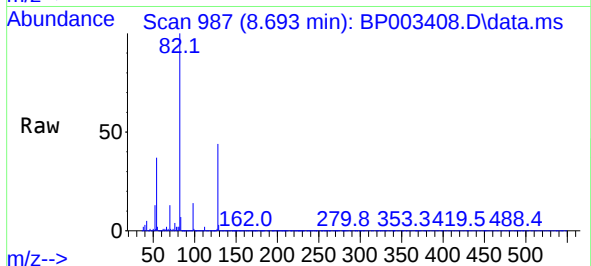




#23
Nitrobenzene-d5
Concen: 52.52 ng
RT: 8.693 min Scan# 987
Delta R.T. -0.012 min
Lab File: BP003408.D
Acq: 29 Sep 2020 20:12

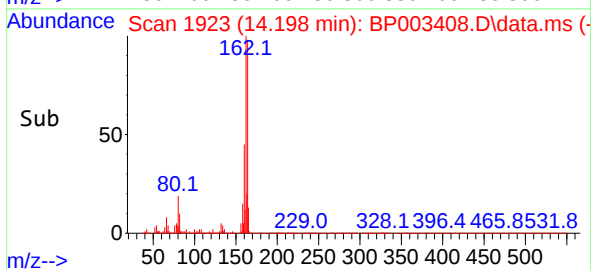
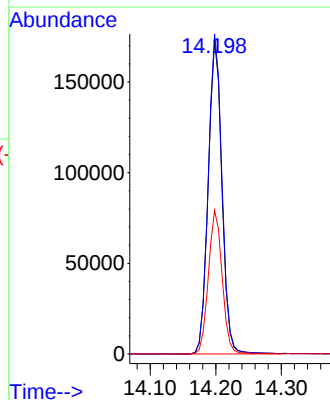
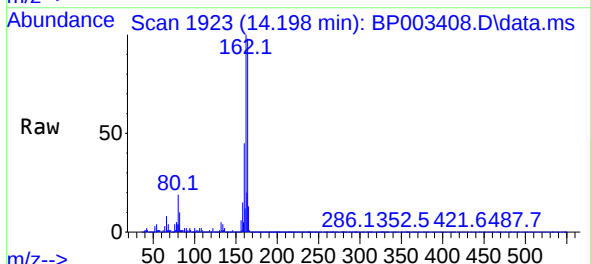
Instrument :
BNA_P
ClientSampleId :
RBR251606

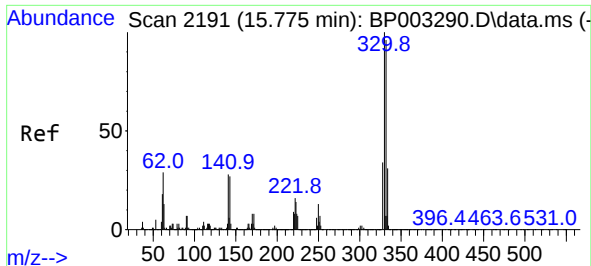
Tgt Ion: 82 Resp: 349489
Ion Ratio Lower Upper
82 100
128 44.0 45.6 68.4#
54 37.2 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.198 min Scan# 1923
Delta R.T. -0.012 min
Lab File: BP003408.D
Acq: 29 Sep 2020 20:12

Tgt Ion: 164 Resp: 251543
Ion Ratio Lower Upper
164 100
162 102.1 79.4 119.2
160 45.8 36.1 54.1

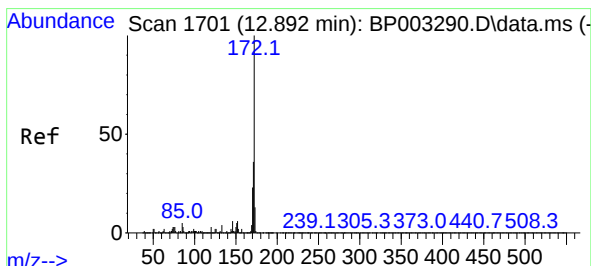
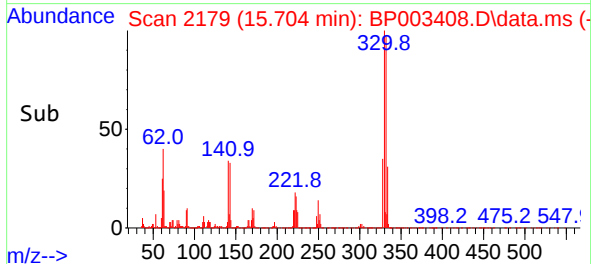
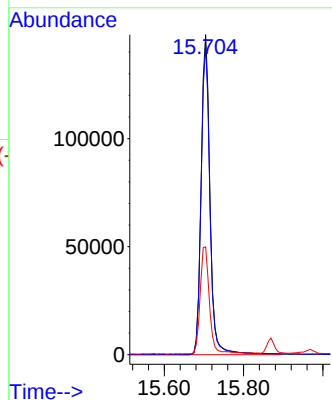
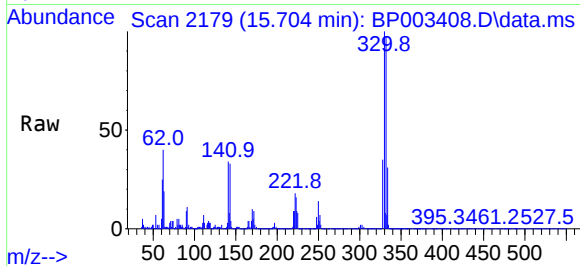




#42
2,4,6-Tribromophenol
Concen: 59.75 ng
RT: 15.704 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BP003408.D
Acq: 29 Sep 2020 20:12

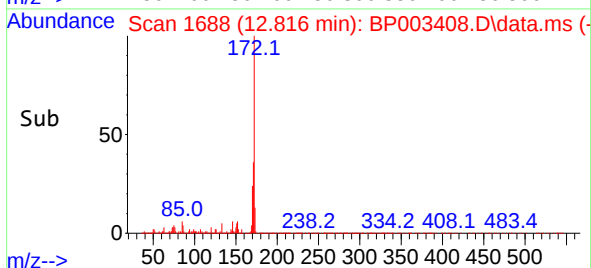
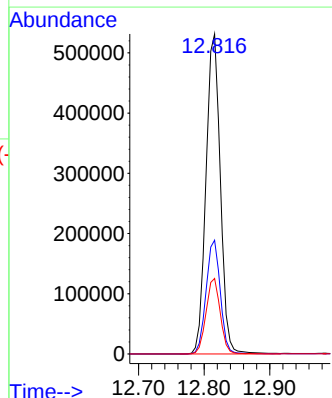
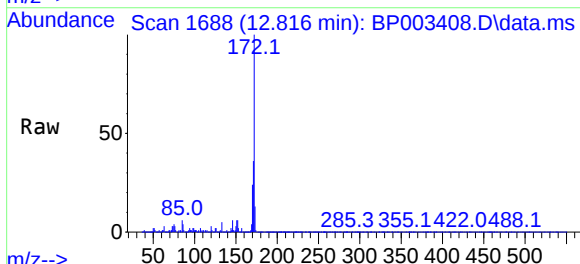
Instrument :
BNA_P
ClientSampleId :
RBR251606

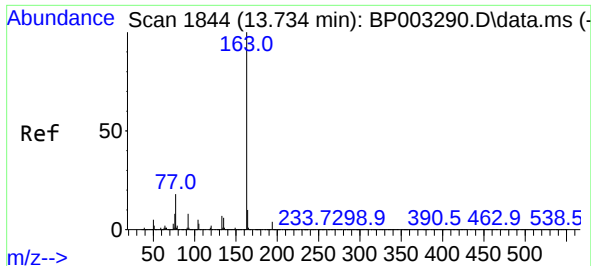
Tgt Ion:330 Resp: 229224
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 35.7 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 47.16 ng
RT: 12.816 min Scan# 1688
Delta R.T. -0.006 min
Lab File: BP003408.D
Acq: 29 Sep 2020 20:12

Tgt Ion:172 Resp: 811149
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.6 19.2 28.8

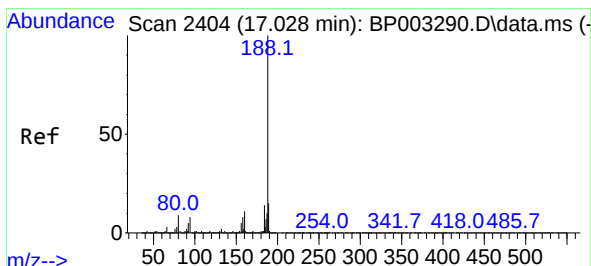
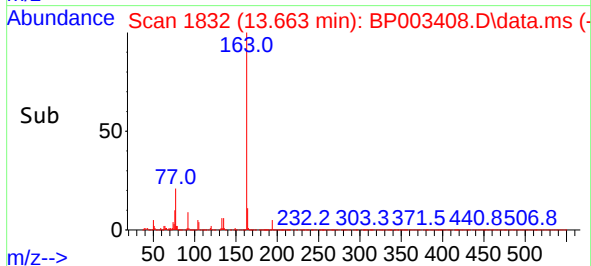
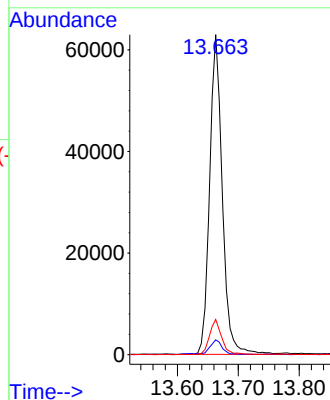
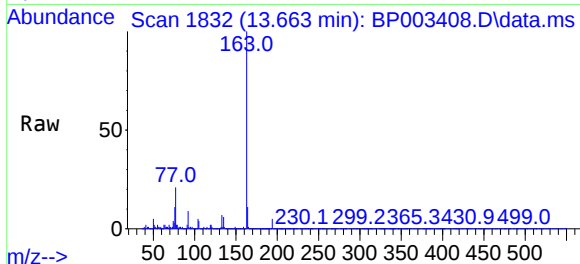




#50
Dimethylphthalate
Concen: 4.53 ng
RT: 13.663 min Scan# 1832
Delta R.T. -0.012 min
Lab File: BP003408.D
Acq: 29 Sep 2020 20:12

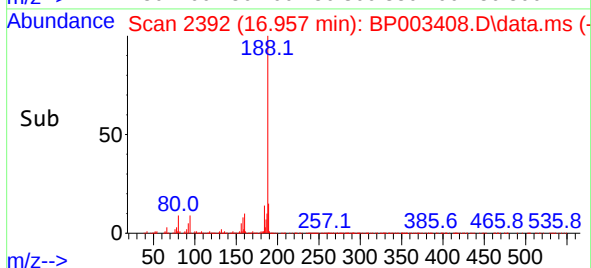
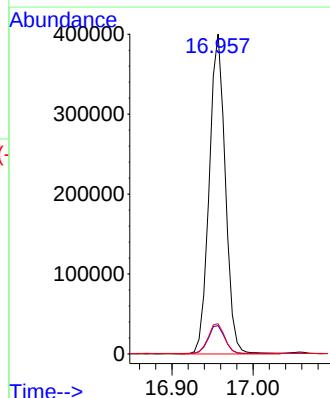
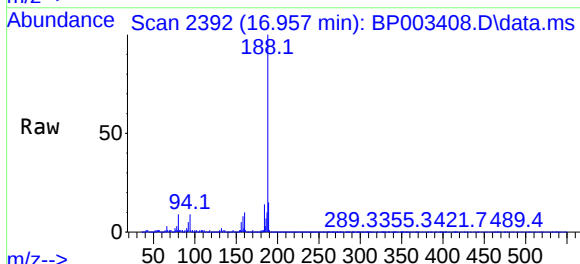
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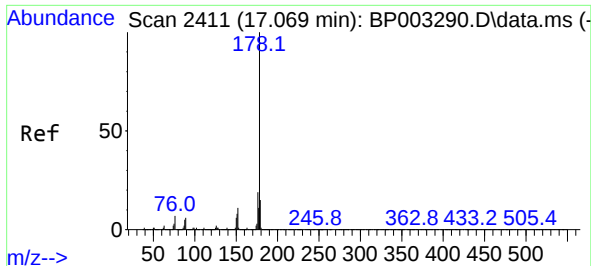
Tgt Ion:	163	Resp:	91083
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.3	4.9
164	11.0	8.2	12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.957 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BP003408.D
Acq: 29 Sep 2020 20:12

Tgt Ion:	188	Resp:	549114
Ion Ratio	Lower	Upper	
188	100		
94	8.9	6.2	9.2
80	9.5	6.2	9.2#

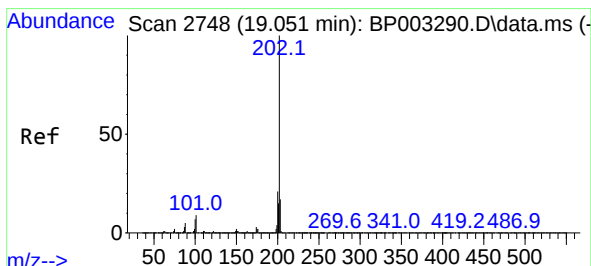
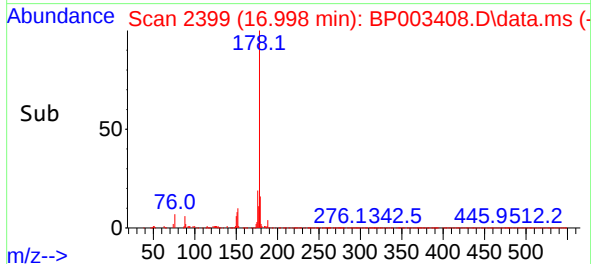
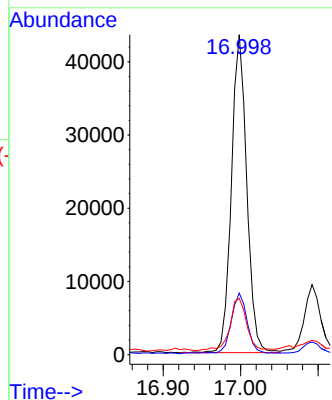
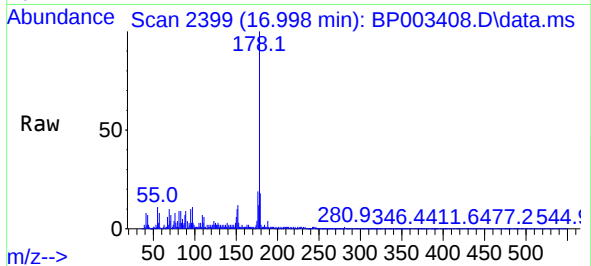




#71
Phenanthrene
Concen: 2.00 ng
RT: 16.998 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP003408.D
Acq: 29 Sep 2020 20:12

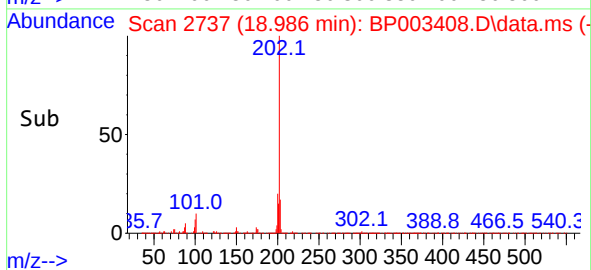
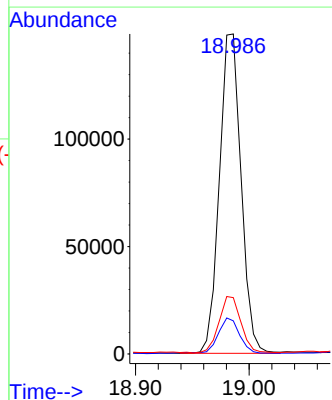
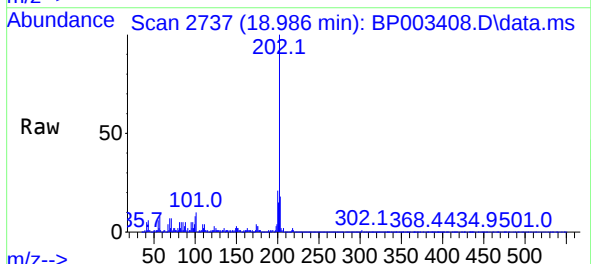
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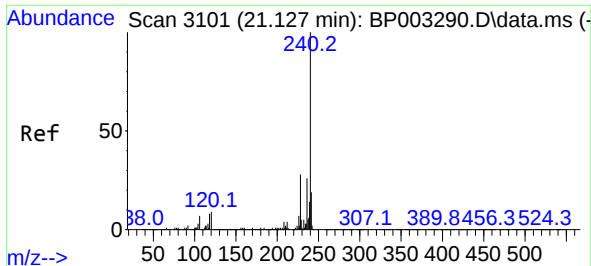
Tgt Ion:178 Resp: 59889
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 17.6 12.5 18.7



#75
Fluoranthene
Concen: 5.27 ng
RT: 18.986 min Scan# 2737
Delta R.T. -0.006 min
Lab File: BP003408.D
Acq: 29 Sep 2020 20:12

Tgt Ion:202 Resp: 197874
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.4
203 17.6 0.0 37.8



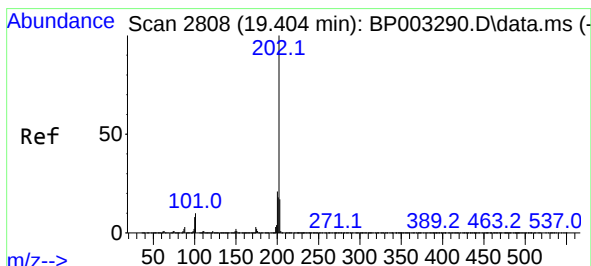
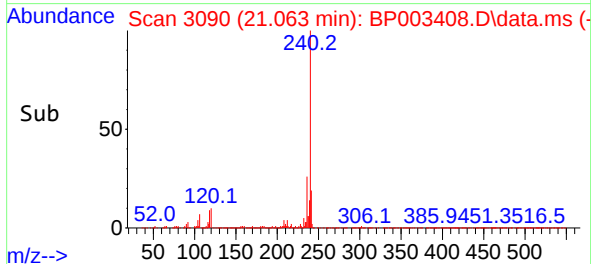
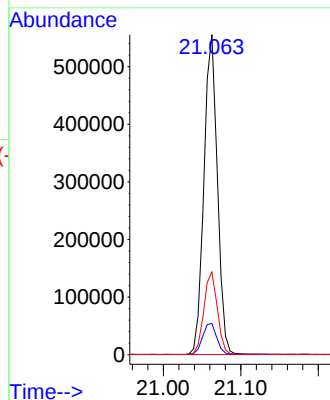
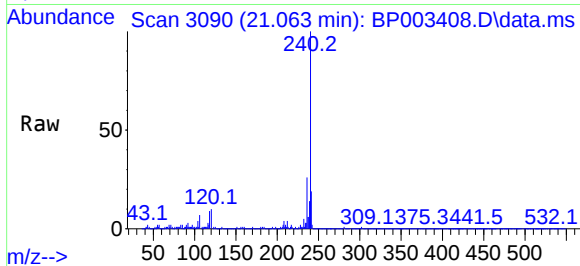


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.063 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BP003408.D
Acq: 29 Sep 2020 20:12

Instrument :
BNA_P
ClientSampleId :
RBR251606

Tgt Ion:240 Resp: 669231

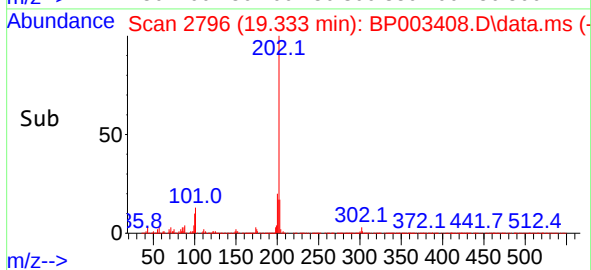
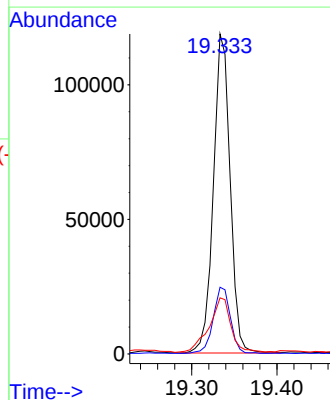
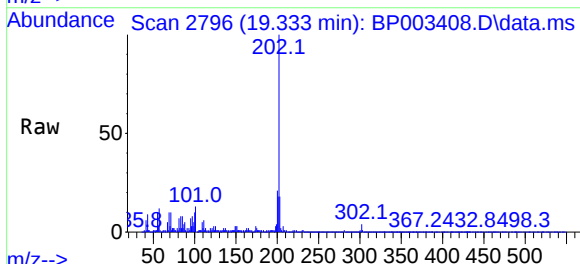
Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.8	11.6
236	25.8	20.8	31.2

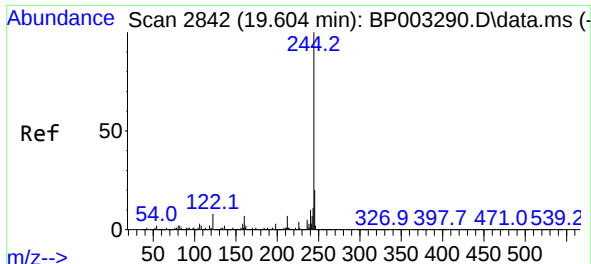


#78
Pyrene
Concen: 3.88 ng
RT: 19.333 min Scan# 2796
Delta R.T. -0.012 min
Lab File: BP003408.D
Acq: 29 Sep 2020 20:12

Tgt Ion:202 Resp: 161783

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.1	25.7
203	17.6	14.2	21.2

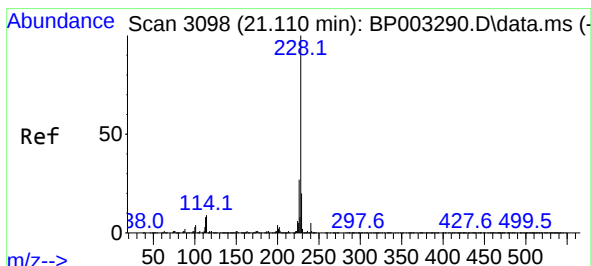
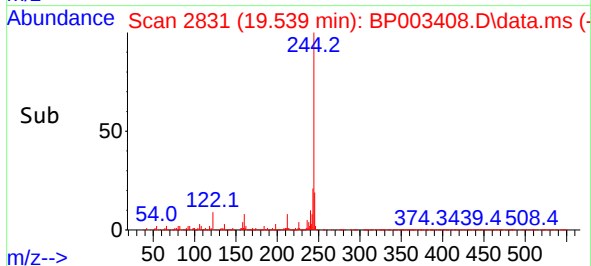
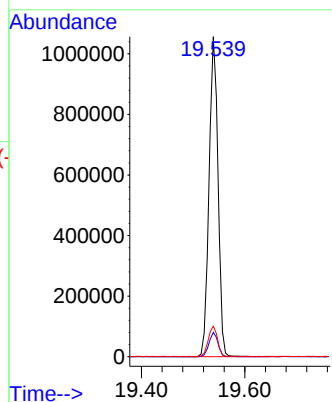
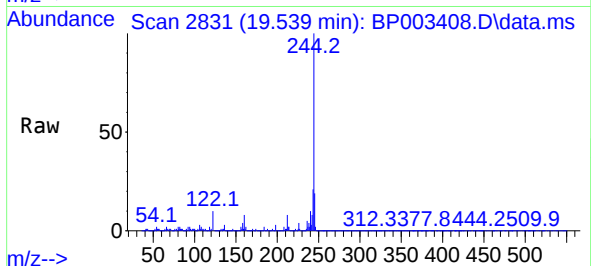




#79
Terphenyl-d14
Concen: 39.51 ng
RT: 19.539 min Scan# 2831
Delta R.T. -0.012 min
Lab File: BP003408.D
Acq: 29 Sep 2020 20:12

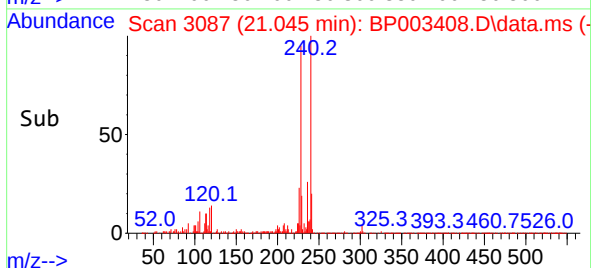
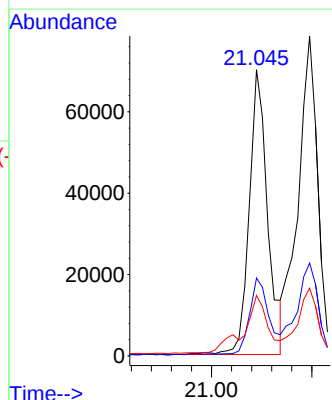
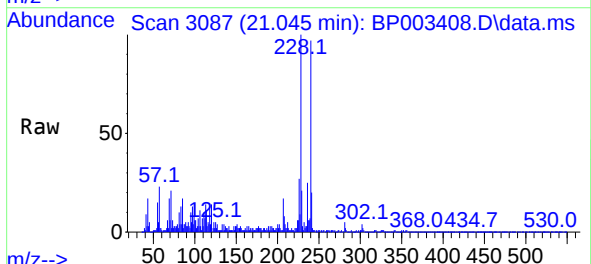
Instrument :
BNA_P
ClientSampleId :
RBR251606

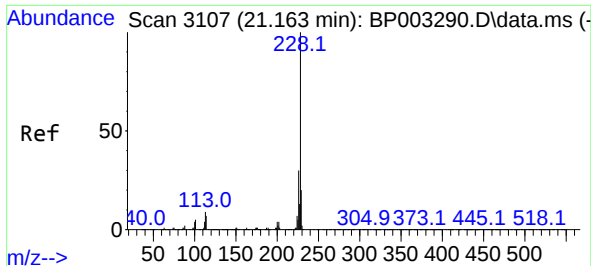
Tgt Ion:244 Resp: 1269058
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 9.5 7.8 11.8



#81
Benzo(a)anthracene
Concen: 2.07 ng
RT: 21.045 min Scan# 3087
Delta R.T. -0.012 min
Lab File: BP003408.D
Acq: 29 Sep 2020 20:12

Tgt Ion:228 Resp: 89359
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 21.1 15.9 23.9

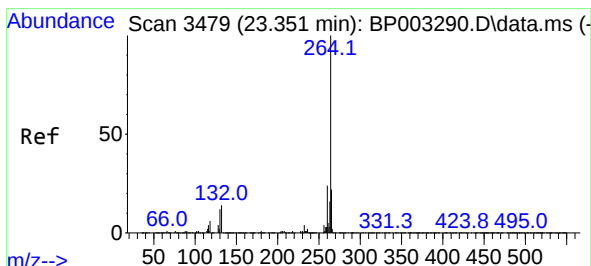
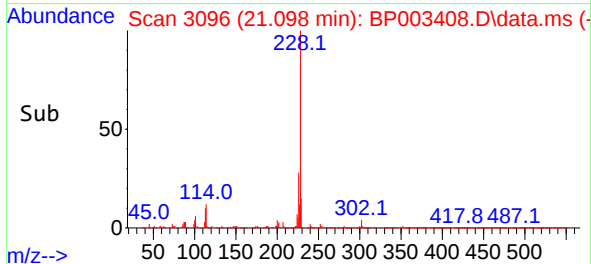
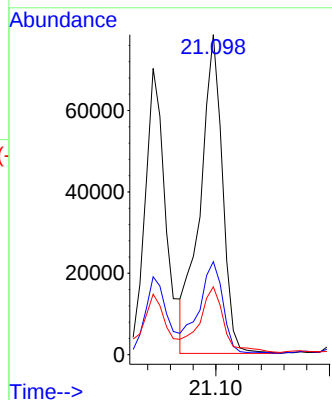
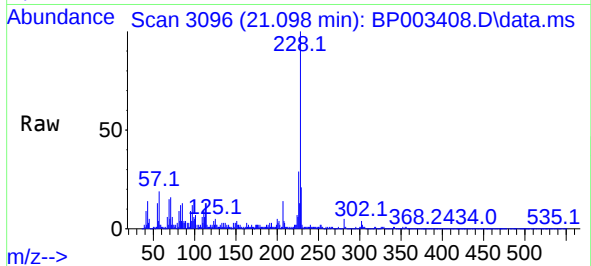




#83
Chrysene
Concen: 2.58 ng
RT: 21.098 min Scan# 3096
Delta R.T. -0.012 min
Lab File: BP003408.D
Acq: 29 Sep 2020 20:12

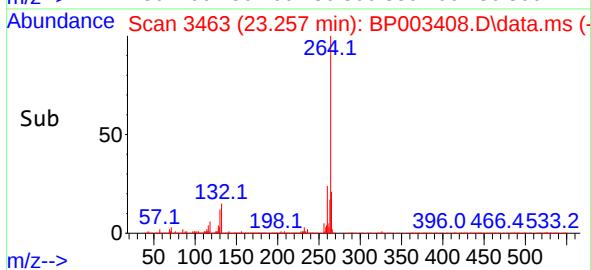
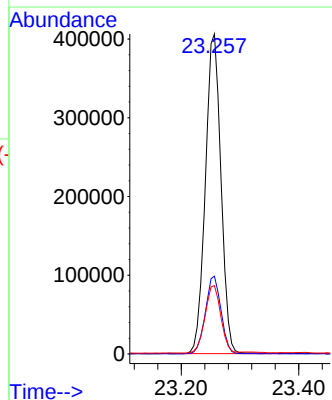
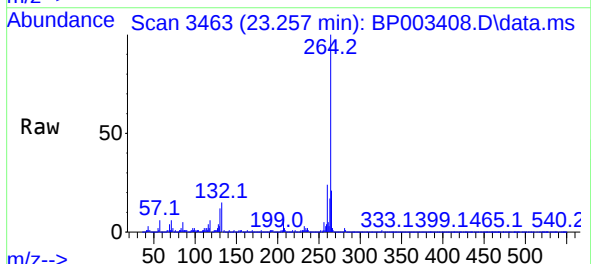
Instrument :
BNA_P
ClientSampleId :
RBR251606

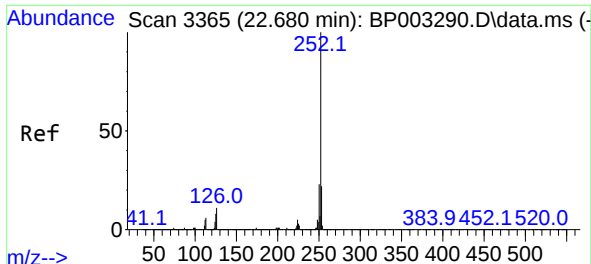
Tgt Ion:228	Resp: 107078
Ion Ratio	Lower Upper
228 100	
226 29.1	24.4 36.6
229 21.2	15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.257 min Scan# 3463
Delta R.T. -0.006 min
Lab File: BP003408.D
Acq: 29 Sep 2020 20:12

Tgt Ion:264	Resp: 748644
Ion Ratio	Lower Upper
264 100	
260 24.3	18.8 28.2
265 21.3	17.4 26.2

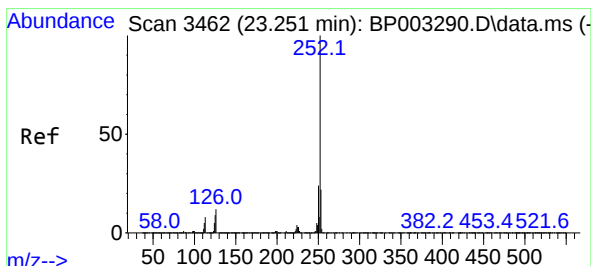
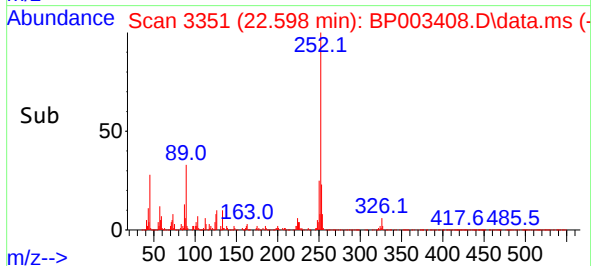
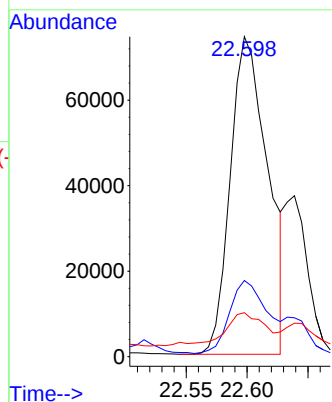
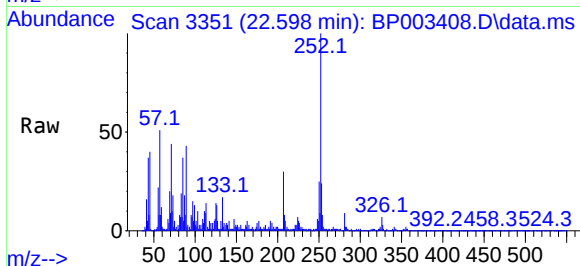




#88
Benzo(b)fluoranthene
Concen: 3.36 ng
RT: 22.598 min Scan# 3351
Delta R.T. -0.012 min
Lab File: BP003408.D
Acq: 29 Sep 2020 20:12

Instrument :
BNA_P
ClientSampleId :
RBR251606

Tgt Ion:252 Resp: 159047
Ion Ratio Lower Upper
252 100
253 23.8 17.6 26.4
125 13.8 7.3 10.9#



#90
Benzo(a)pyrene
Concen: 2.07 ng
RT: 23.157 min Scan# 3446
Delta R.T. -0.018 min
Lab File: BP003408.D
Acq: 29 Sep 2020 20:12

Tgt Ion:252 Resp: 92302
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.0
125 16.3 8.2 12.4#

