

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
 Data File : BP003432.D
 Acq On : 01 Oct 2020 01:43
 Operator : CG/JU
 Sample : L4193-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-12(13-14)

Quant Time: Oct 01 04:08:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 30 17:14:02 2020
 Response via : Initial Calibration

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

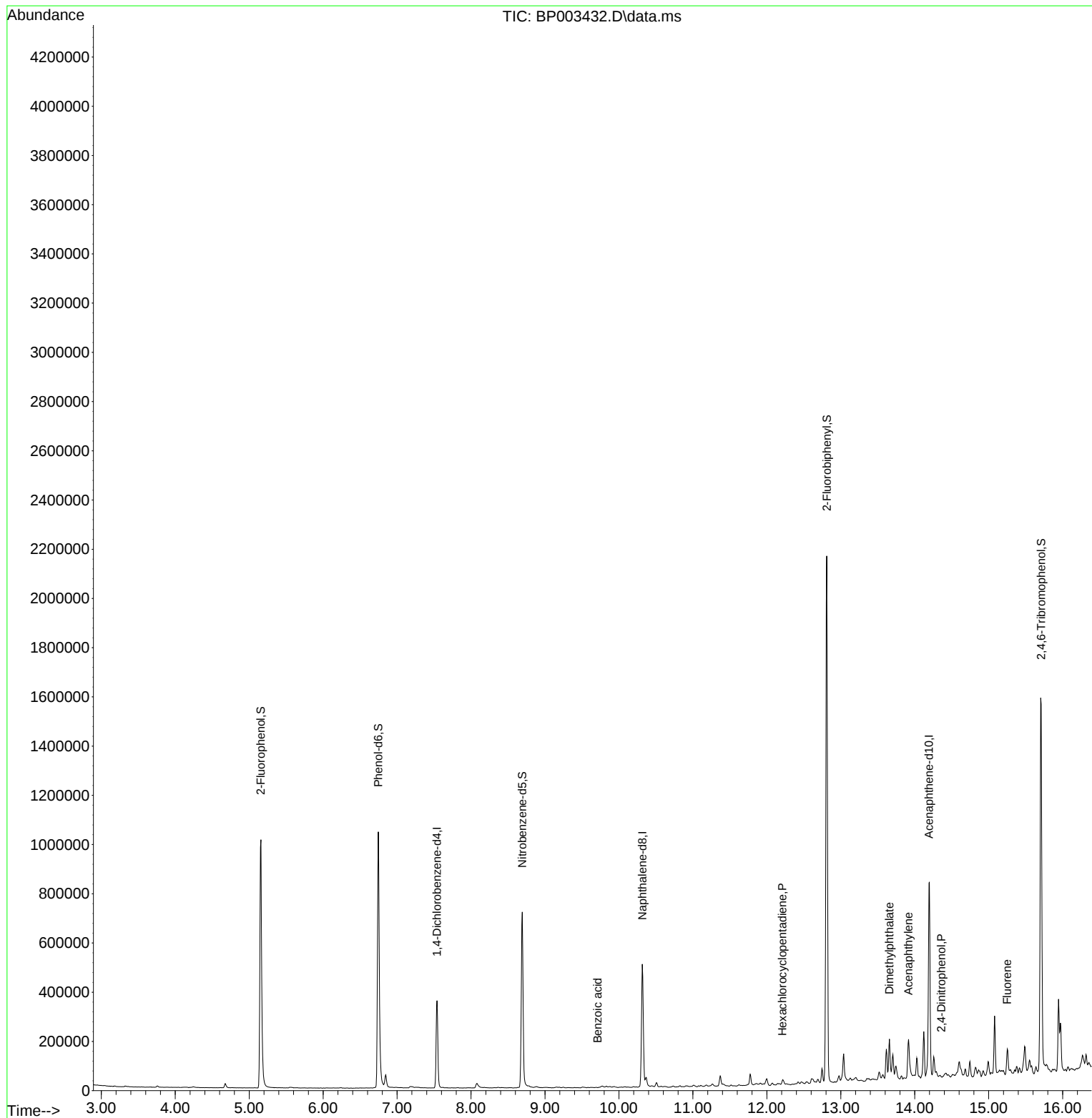
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	98546	20.00	ng	0.00
21) Naphthalene-d8	10.316	136	423094	20.00	ng	# 0.00
39) Acenaphthene-d10	14.192	164	269066	20.00	ng	0.00
64) Phenanthrene-d10	16.963	188	592805	20.00	ng	# 0.02
76) Chrysene-d12	21.163	240	537550	20.00	ng	0.10
86) Perylene-d12	0.000	264	0	0.00	ng	-23.26
System Monitoring Compounds						
5) 2-Fluorophenol	5.158	112	540642	95.80	ng	0.00
7) Phenol-d6	6.746	99	715834	95.16	ng	0.00
23) Nitrobenzene-d5	8.693	82	459568	63.81	ng	0.00
42) 2,4,6-Tribromophenol	15.710	330	312867	76.24	ng	0.02
45) 2-Fluorobiphenyl	12.810	172	1093738	59.45	ng	0.00
79) Terphenyl-d14	19.575	244	1601231	62.06	ng	0.04
Target Compounds						
						Qvalue
32) Benzoic acid	9.710	122	43	9.16	ng	# 28
41) Hexachlorocyclopentadiene	12.210	237	10	6.84	ng	75
49) Acenaphthylene	13.916	152	120022	4.73	ng	98
50) Dimethylphthalate	13.657	163	99562	4.63	ng	100
54) 2,4-Dinitrophenol	14.357	184	24	7.26	ng	# 1
58) Fluorene	15.251	166	44482	2.28	ng	# 99
70) Pentachlorophenol	16.739	266	62	6.79	ng	93
71) Phenanthrene	17.004	178	1184143	36.71	ng	99
72) Anthracene	17.098	178	381973	12.02	ng	99
73) Carbazole	17.386	167	82802	2.74	ng	98
75) Fluoranthene	19.016	202	2798800	69.01	ng	99
78) Pyrene	19.375	202	2814915	83.97	ng	99
81) Benzo(a)anthracene	21.163	228	1325193	38.14	ng	# 94
83) Chrysene	21.163	228	1325193	39.69	ng	# 95

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

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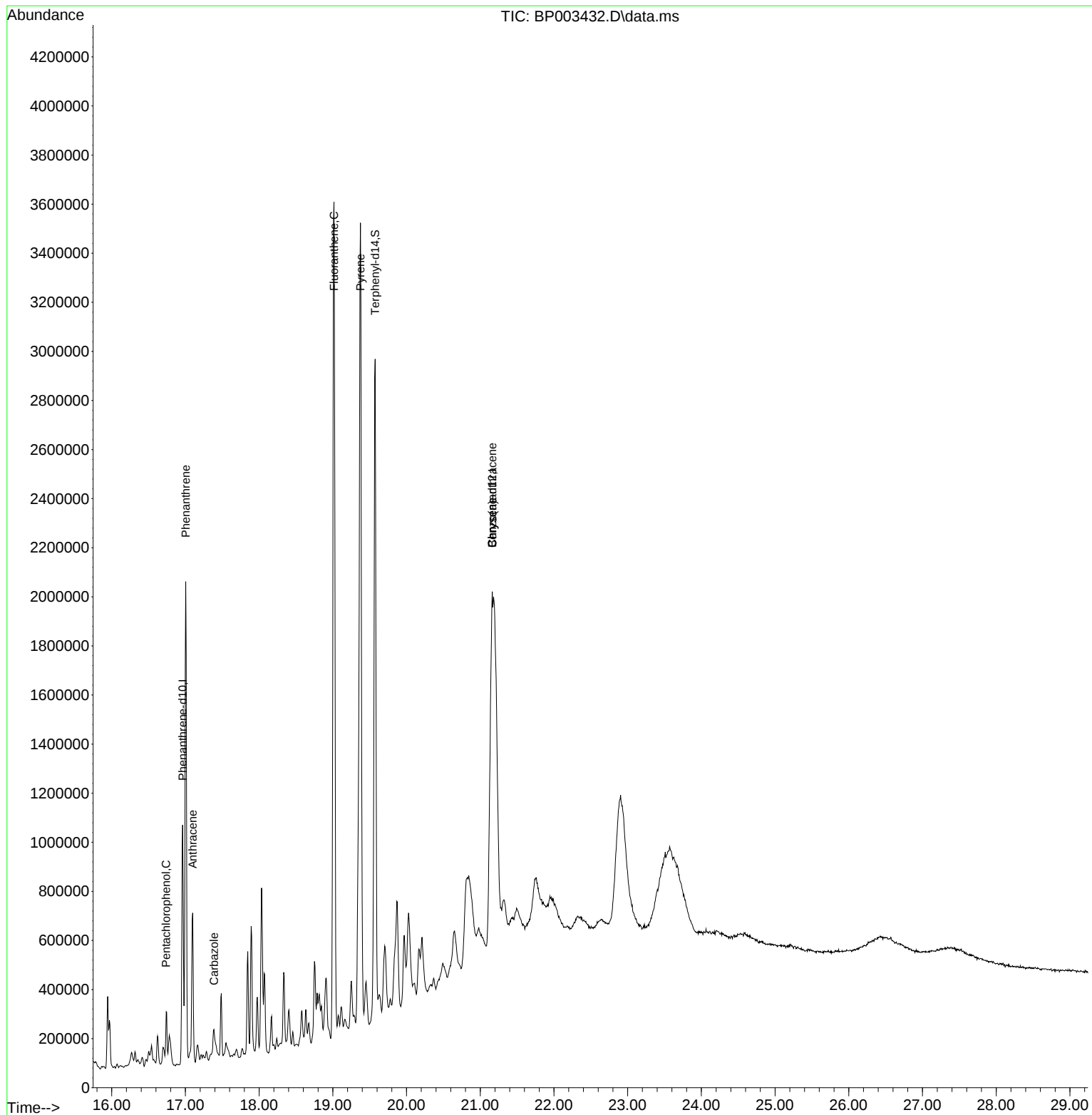
Quant Time: Oct 01 04:08:40 2020
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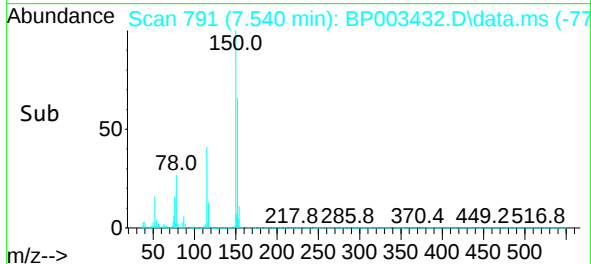
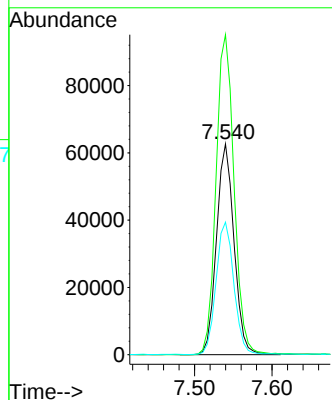
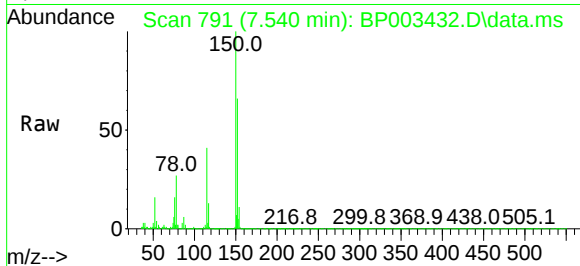




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.540 min Scan# 791
Delta R.T. 0.006 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

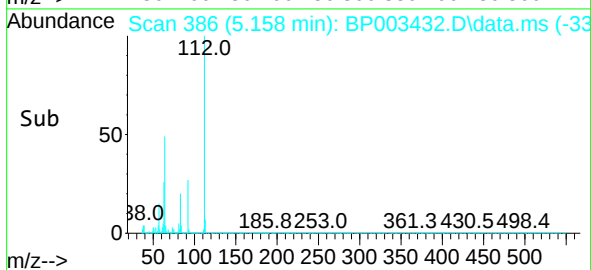
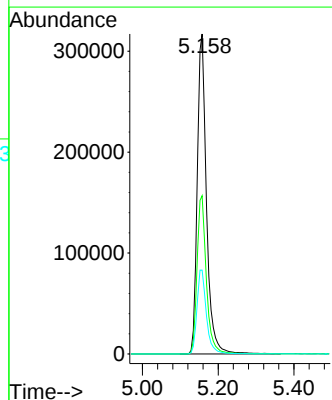
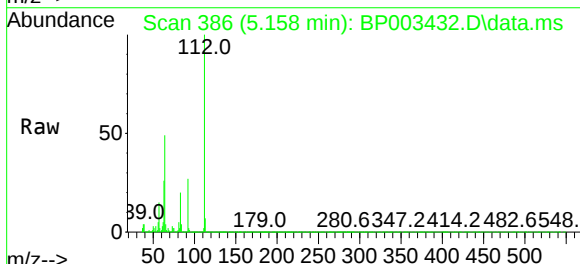
Instrument :
BNA_P
ClientSampleId :
B-12(13-14)

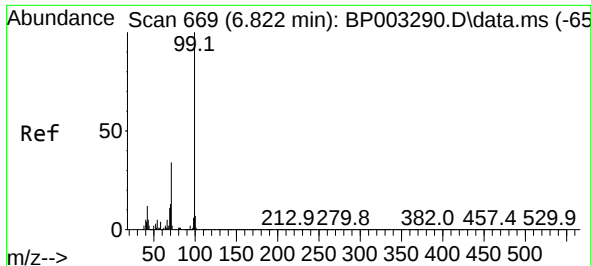
Tgt Ion:152 Resp: 98546
Ion Ratio Lower Upper
152 100
150 151.8 123.8 185.6
115 62.8 43.8 65.6



#5
2-Fluorophenol
Concen: 95.80 ng
RT: 5.158 min Scan# 386
Delta R.T. 0.006 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

Tgt Ion:112 Resp: 540642
Ion Ratio Lower Upper
112 100
64 49.5 32.8 49.2#
63 26.2 17.0 25.4#

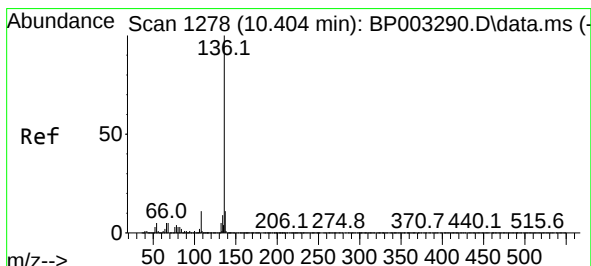
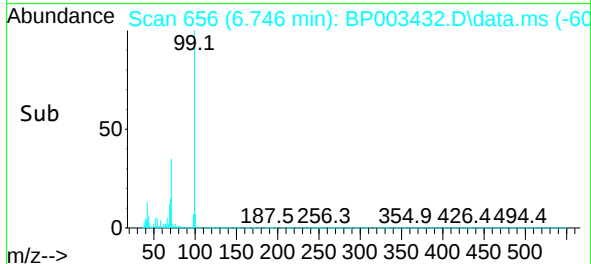
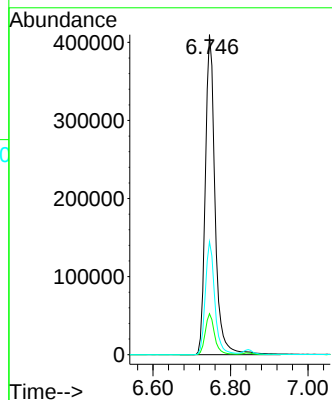
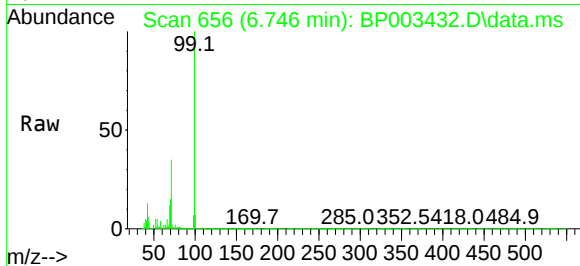




#7
Phenol-d6
Concen: 95.16 ng
RT: 6.746 min Scan# 656
Delta R.T. 0.006 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

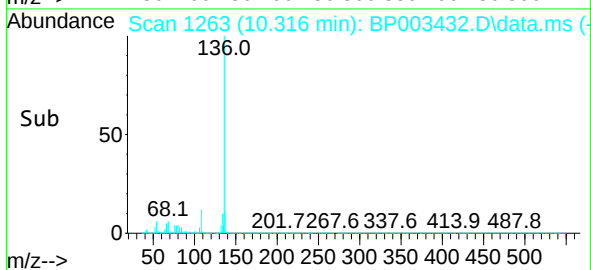
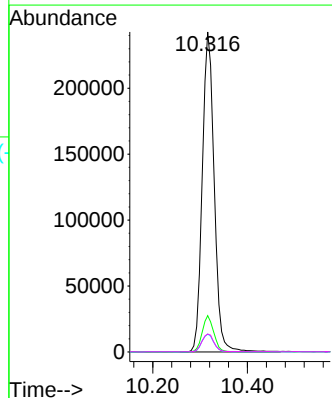
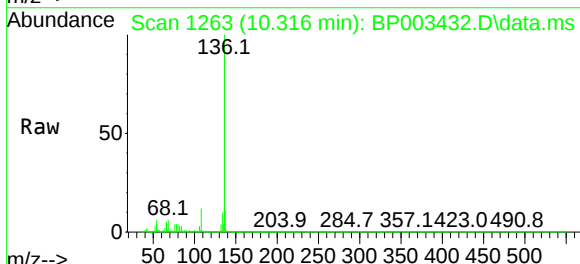
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ClientSampleId :
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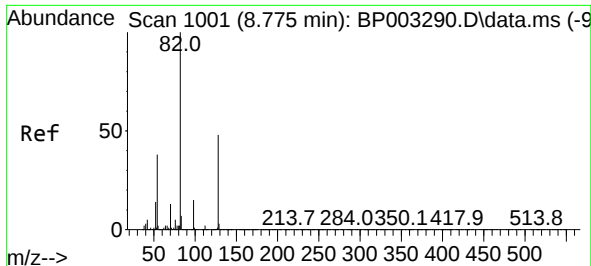
Tgt Ion: 99 Resp: 715834
Ion Ratio Lower Upper
99 100
42 12.8 8.6 13.0
71 35.3 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.316 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

Tgt Ion: 136 Resp: 423094
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 5.6 3.6 5.4#
68 5.6 3.3 4.9#

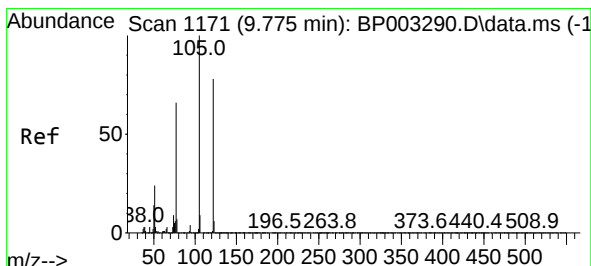
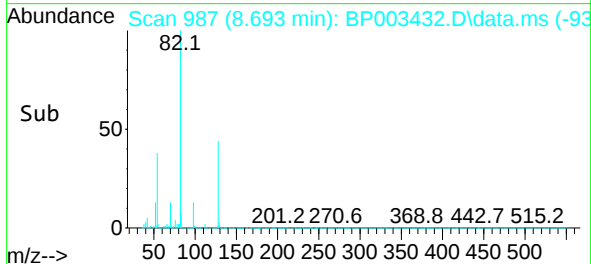
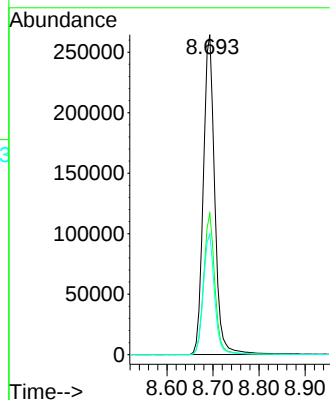
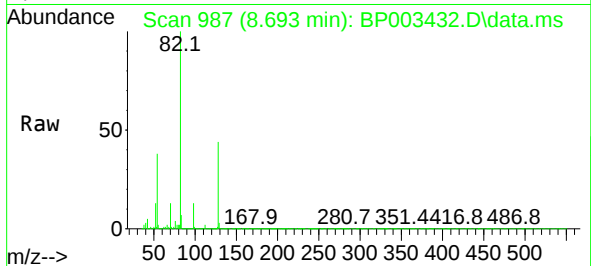




#23
Nitrobenzene-d5
Concen: 63.81 ng
RT: 8.693 min Scan# 987
Delta R.T. 0.006 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

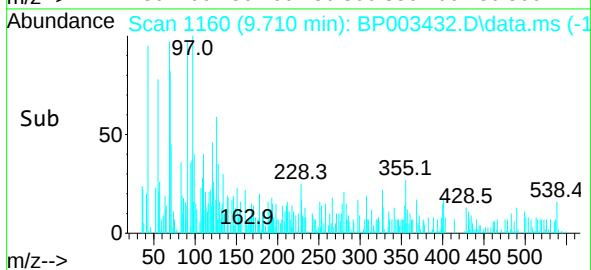
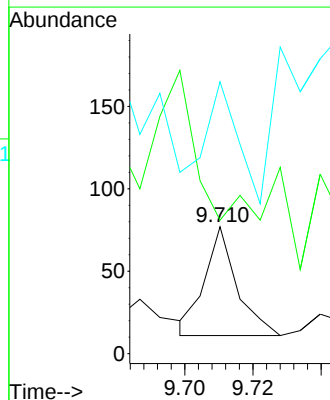
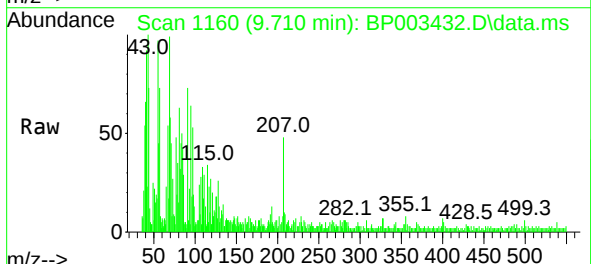
Instrument :
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ClientSampleId :
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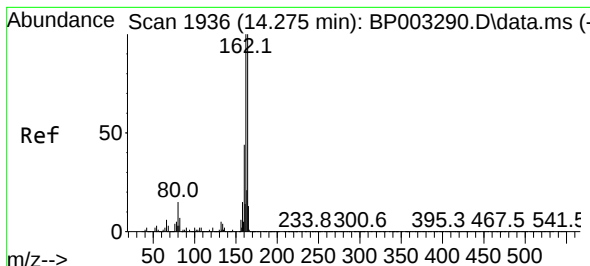
Tgt Ion: 82 Resp: 459568
Ion Ratio Lower Upper
82 100
128 44.1 45.6 68.4#
54 37.7 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.710 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

Tgt Ion: 122 Resp: 43
Ion Ratio Lower Upper
122 100
105 105.2 94.1 134.1
77 214.3 50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.192 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BP003432.D

Acq: 01 Oct 2020 01:43

Instrument :

BNA_P

ClientSampleId :

B-12(13-14)

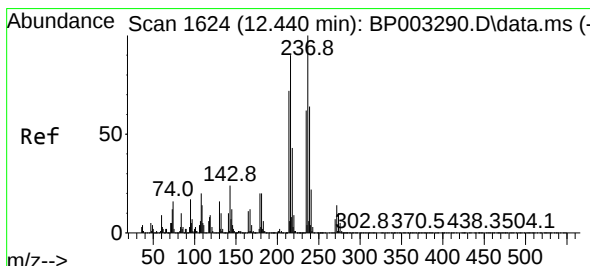
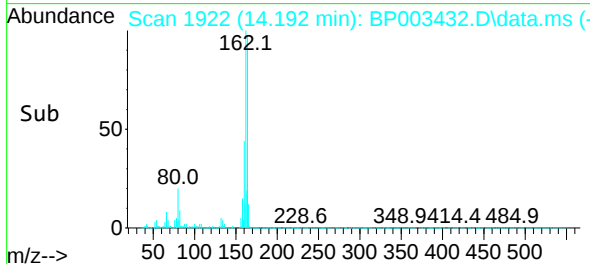
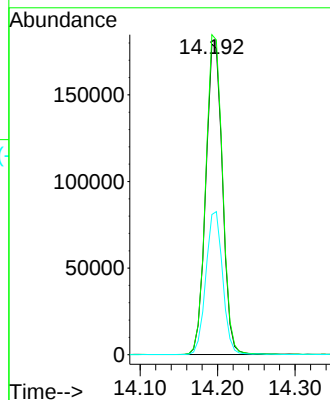
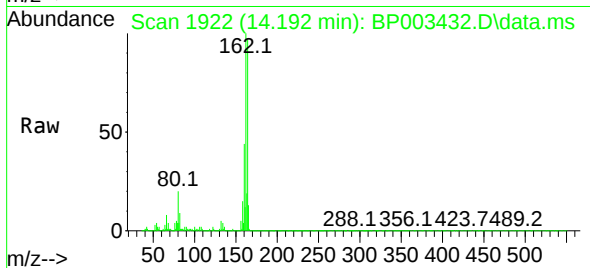
Tgt Ion:164 Resp: 269066

Ion Ratio Lower Upper

164 100

162 103.0 79.4 119.2

160 45.1 36.1 54.1



#41

Hexachlorocyclopentadiene

Concen: 6.84 ng

RT: 12.210 min Scan# 1585

Delta R.T. -0.141 min

Lab File: BP003432.D

Acq: 01 Oct 2020 01:43

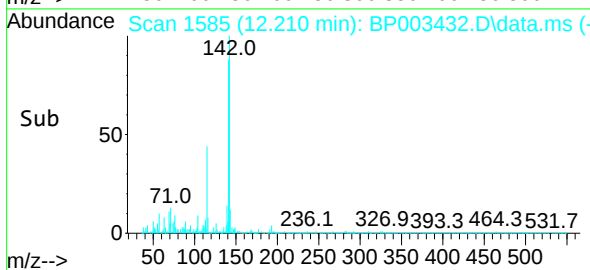
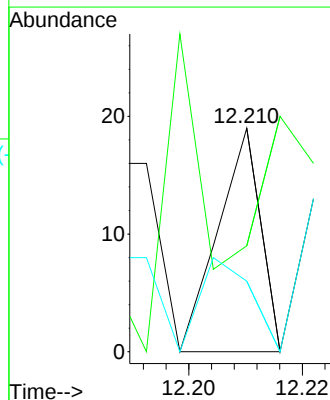
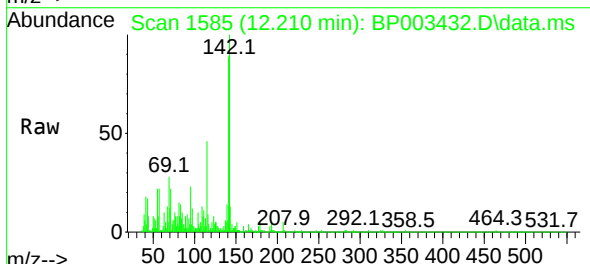
Tgt Ion:237 Resp: 10

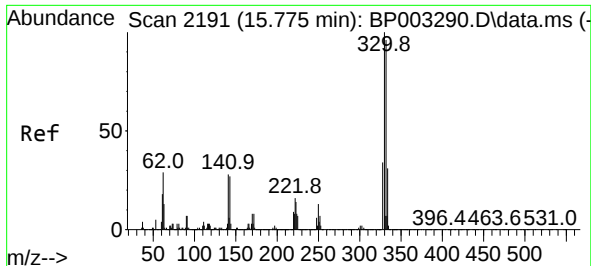
Ion Ratio Lower Upper

237 100

235 47.4 43.2 83.2

272 31.6 0.0 33.3

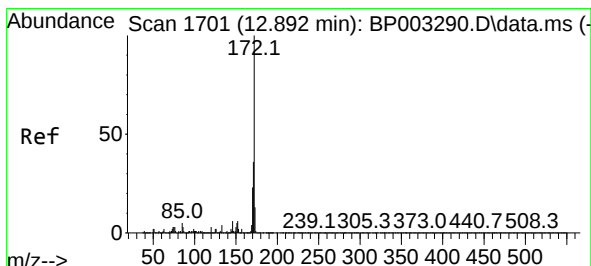
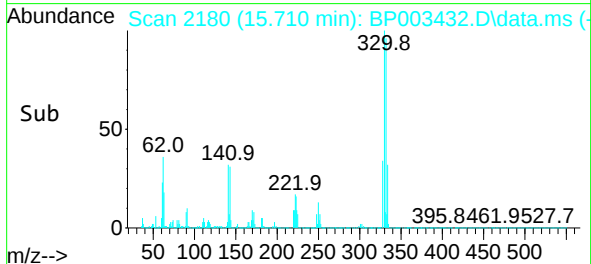
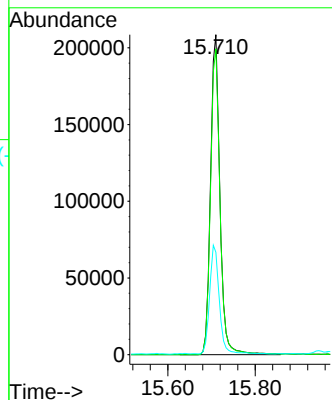
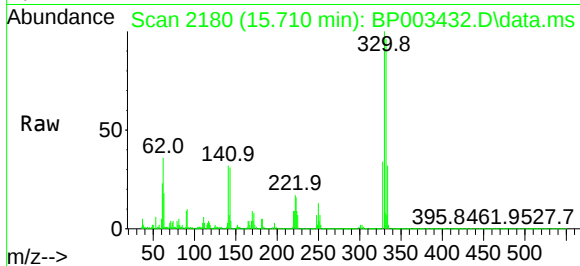




#42
2,4,6-Tribromophenol
Concen: 76.24 ng
RT: 15.710 min Scan# 2180
Delta R.T. 0.018 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

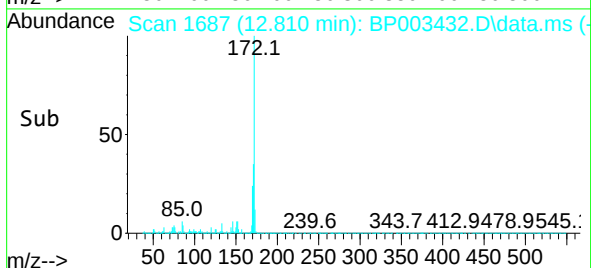
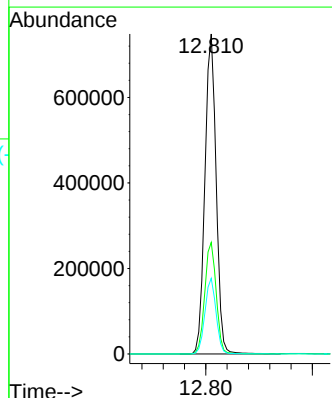
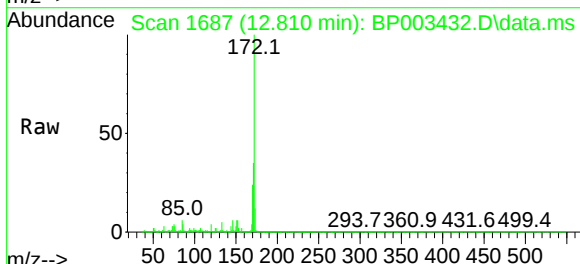
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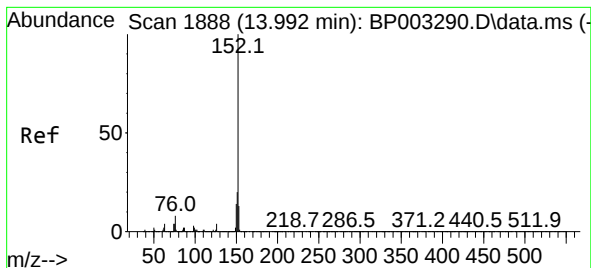
Tgt Ion:330 Resp: 312867
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 34.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 59.45 ng
RT: 12.810 min Scan# 1687
Delta R.T. 0.006 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

Tgt Ion:172 Resp: 1093738
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.6 19.2 28.8





#49

Acenaphthylene

Concen: 4.73 ng

RT: 13.916 min Scan# 1875

Delta R.T. 0.006 min

Lab File: BP003432.D

Acq: 01 Oct 2020 01:43

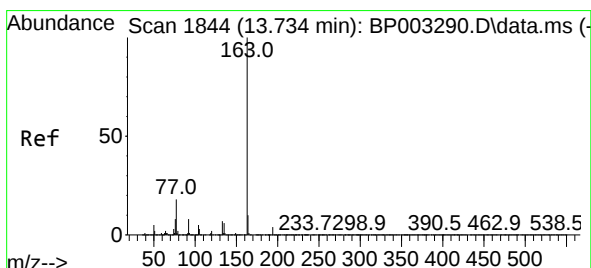
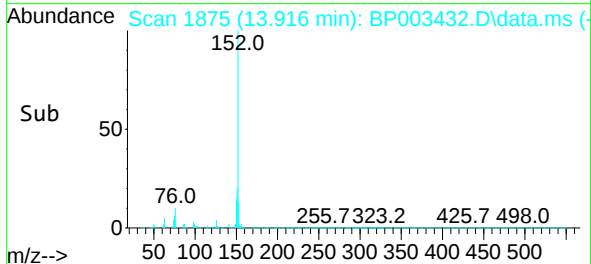
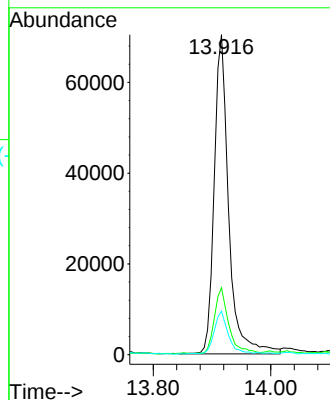
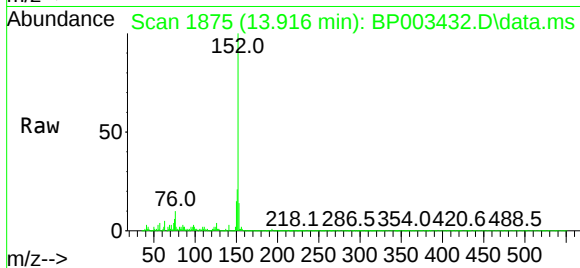
Tgt Ion:152 Resp: 120022

Ion Ratio Lower Upper

152 100

151 20.9 15.9 23.9

153 13.6 10.5 15.7



#50

Dimethylphthalate

Concen: 4.63 ng

RT: 13.657 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BP003432.D

Acq: 01 Oct 2020 01:43

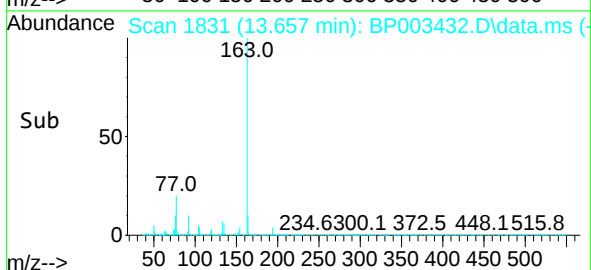
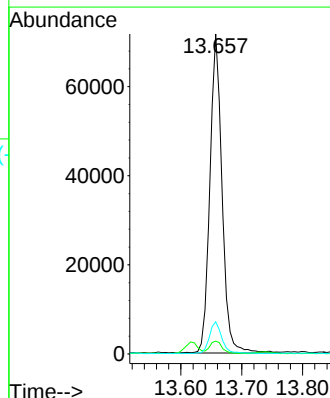
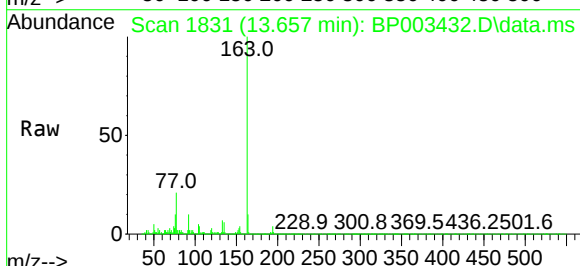
Tgt Ion:163 Resp: 99562

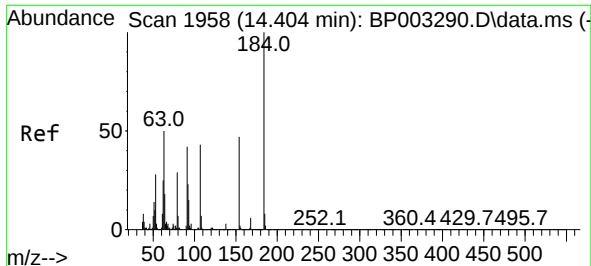
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.1 8.2 12.2

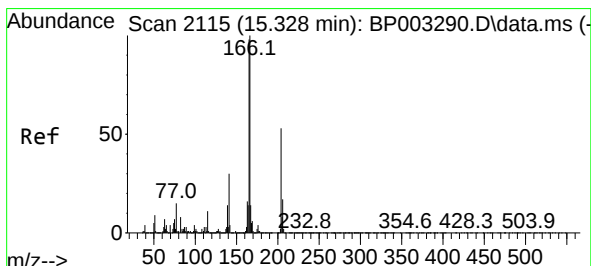
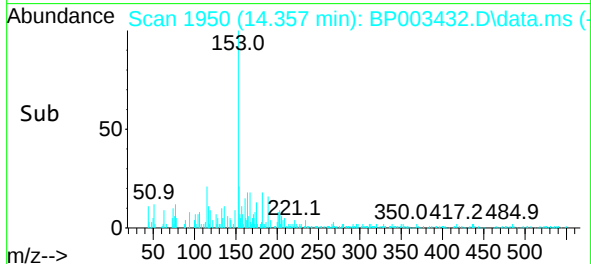
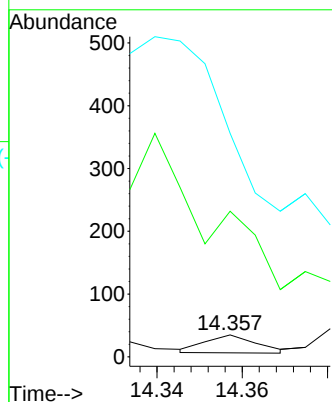
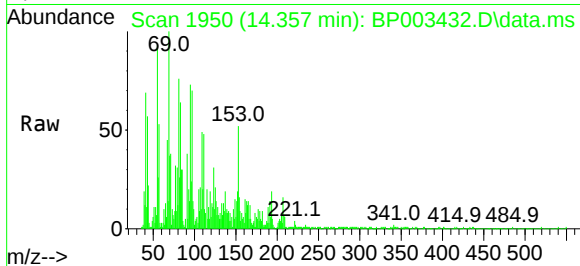




#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.357 min Scan# 1950
Delta R.T. 0.012 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

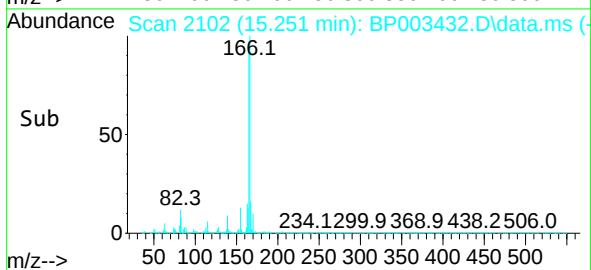
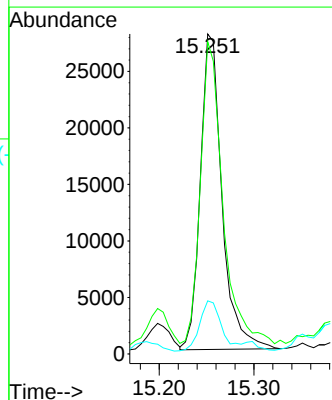
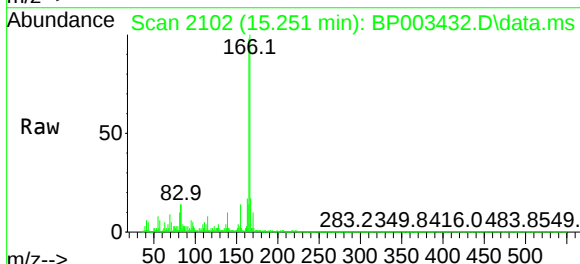
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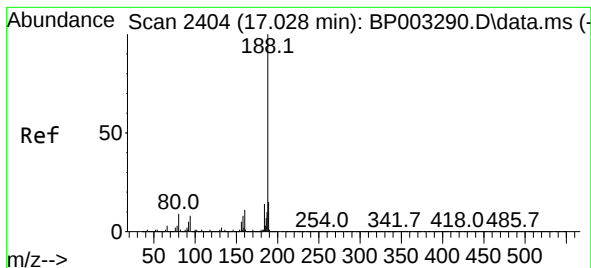
Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 662.9 32.3 48.5#
154 1017.1 49.1 73.7#



#58
Fluorene
Concen: 2.28 ng
RT: 15.251 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

Tgt Ion:166 Resp: 44482
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.8
167 16.6 11.0 16.4#

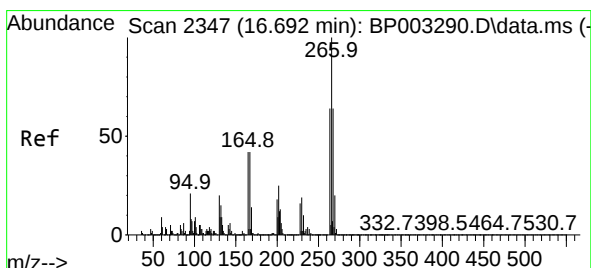
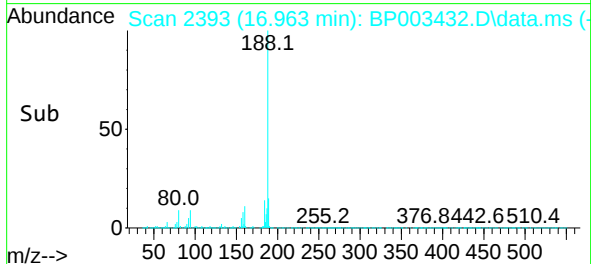
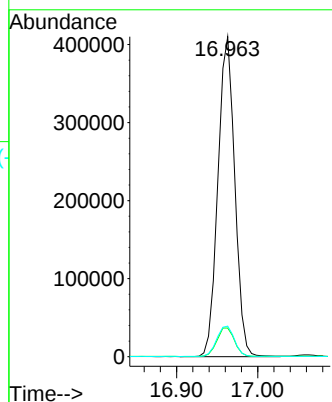
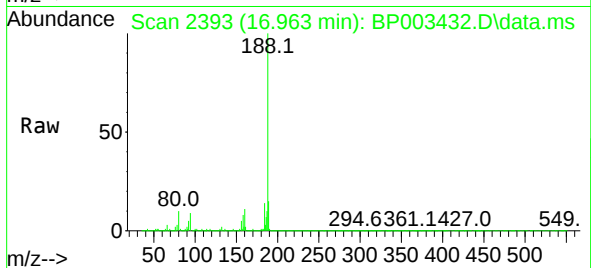




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.963 min Scan# 2393
Delta R.T. 0.018 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

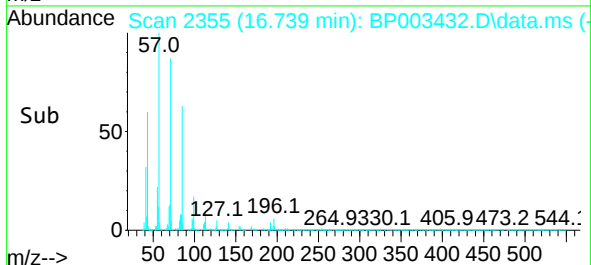
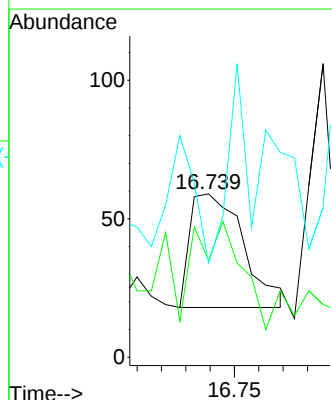
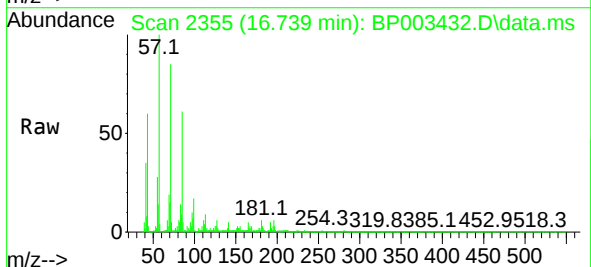
Instrument :
BNA_P
ClientSampleId :
B-12(13-14)

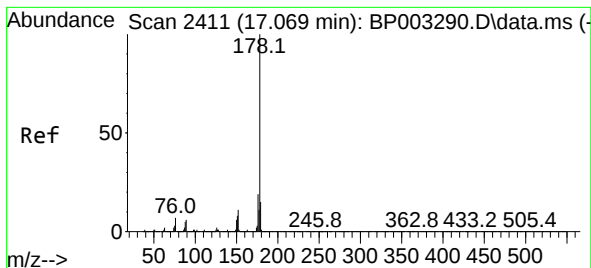
Tgt Ion:188 Resp: 592805
Ion Ratio Lower Upper
188 100
94 8.9 6.2 9.2
80 9.5 6.2 9.2#



#70
Pentachlorophenol
Concen: 6.79 ng
RT: 16.739 min Scan# 2355
Delta R.T. 0.118 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

Tgt Ion:266 Resp: 62
Ion Ratio Lower Upper
266 100
268 59.3 51.1 76.7
264 57.6 50.6 76.0

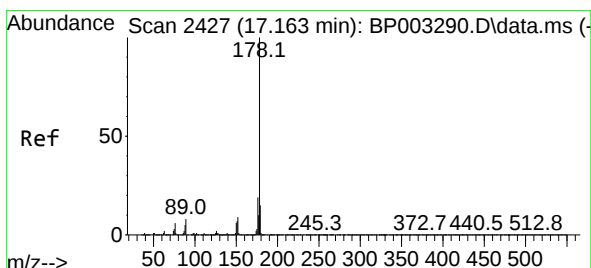
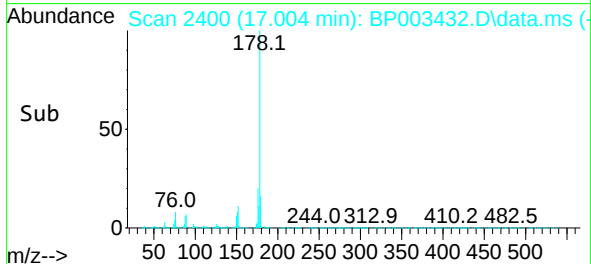
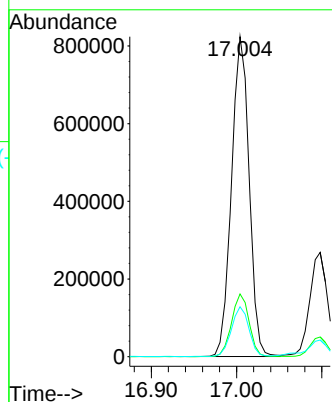
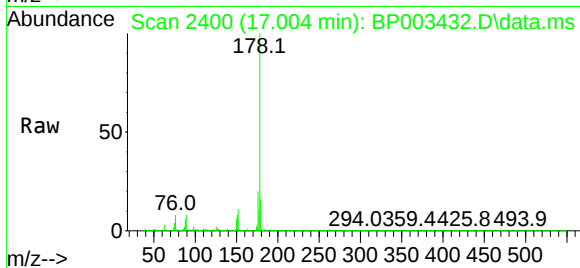




#71
Phenanthrene
Concen: 36.71 ng
RT: 17.004 min Scan# 2400
Delta R.T. 0.012 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

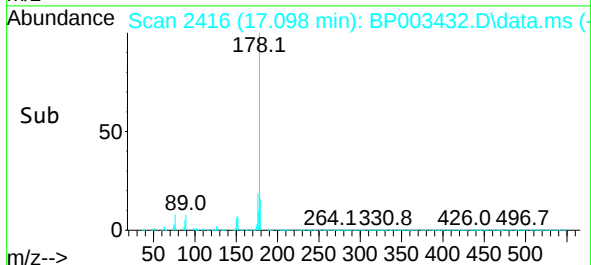
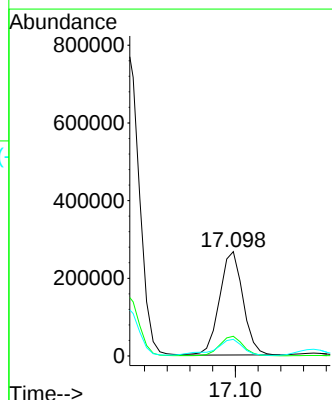
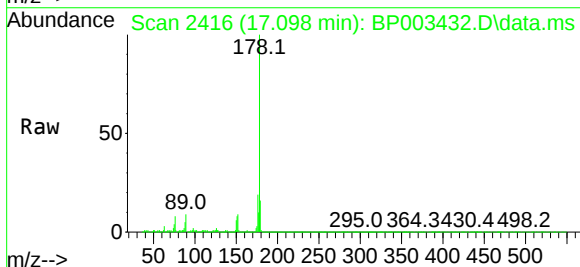
Instrument :
BNA_P
ClientSampleId :
B-12(13-14)

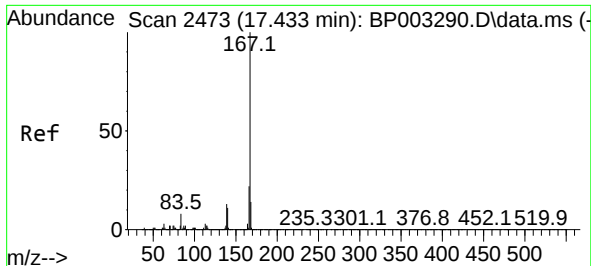
Tgt Ion:178 Resp: 1184143
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.6 12.5 18.7



#72
Anthracene
Concen: 12.02 ng
RT: 17.098 min Scan# 2416
Delta R.T. 0.018 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

Tgt Ion:178 Resp: 381973
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.9 12.5 18.7

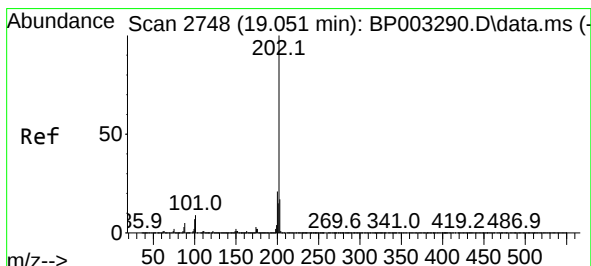
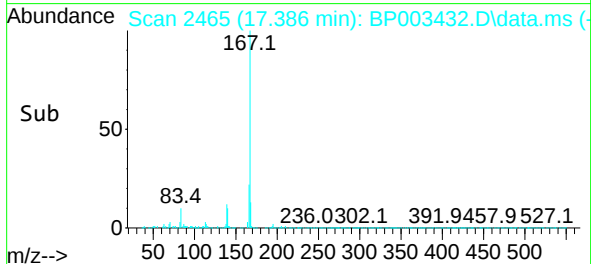
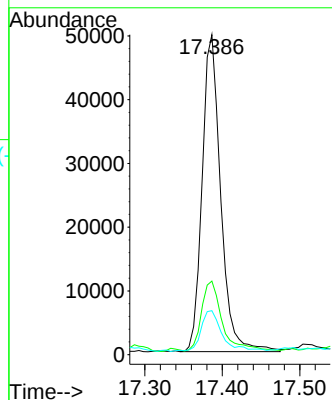
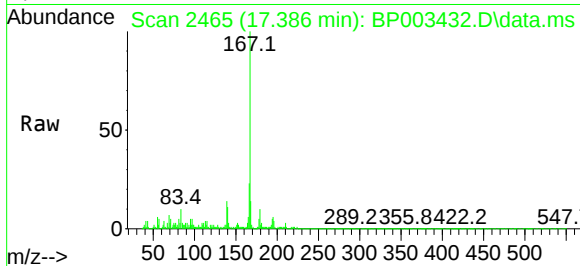




#73
 Carbazole
 Concen: 2.74 ng
 RT: 17.386 min Scan# 2465
 Delta R.T. 0.023 min
 Lab File: BP003432.D
 Acq: 01 Oct 2020 01:43

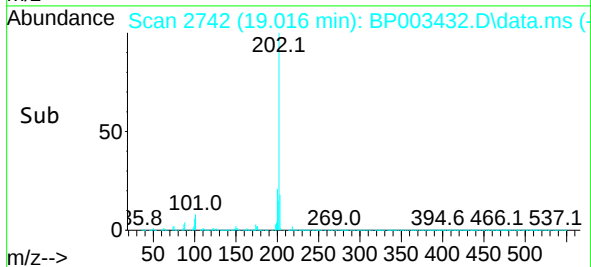
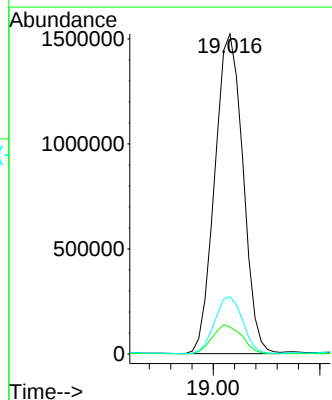
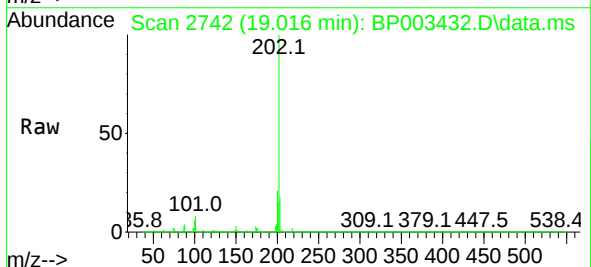
Instrument :
 BNA_P
 ClientSampleId :
 B-12(13-14)

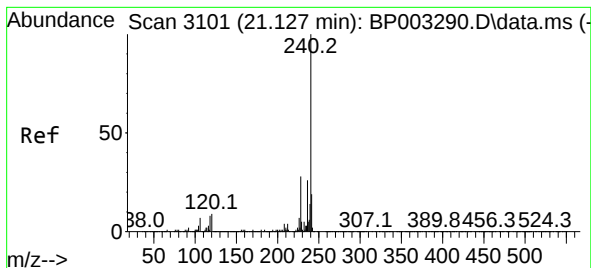
Tgt Ion:167	Resp:	82802
Ion Ratio	Lower	Upper
167	100	
166	23.0	17.6 26.4
139	13.8	10.2 15.4



#75
 Fluoranthene
 Concen: 69.01 ng
 RT: 19.016 min Scan# 2742
 Delta R.T. 0.035 min
 Lab File: BP003432.D
 Acq: 01 Oct 2020 01:43

Tgt Ion:202	Resp:	2798800
Ion Ratio	Lower	Upper
202	100	
101	8.4	0.0 29.4
203	17.9	0.0 37.8





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.163 min Scan# 3107

Delta R.T. 0.100 min

Lab File: BP003432.D

Acq: 01 Oct 2020 01:43

Instrument :

BNA_P

ClientSampleId :

B-12(13-14)

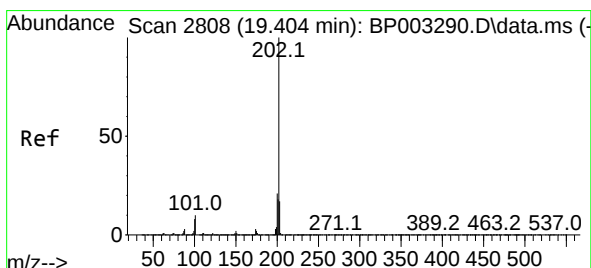
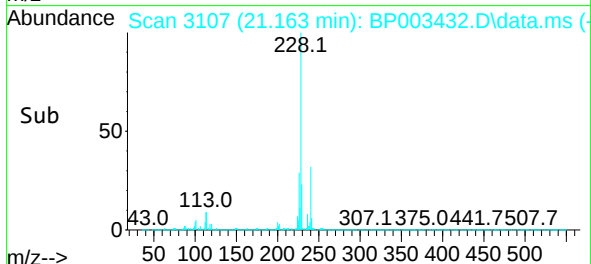
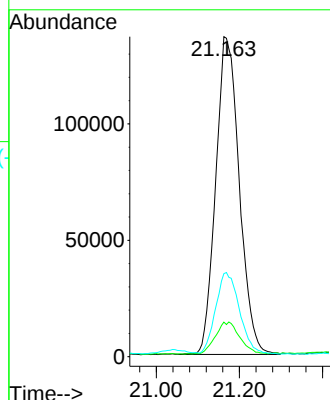
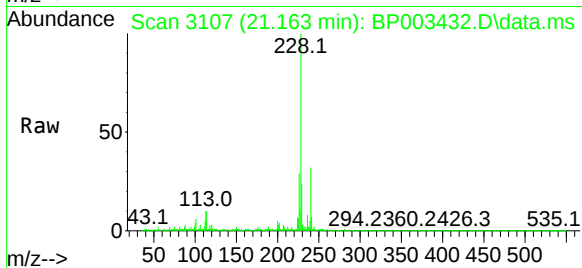
Tgt Ion:240 Resp: 537550

Ion Ratio Lower Upper

240 100

120 10.8 7.8 11.6

236 26.0 20.8 31.2



#78

Pyrene

Concen: 83.97 ng

RT: 19.375 min Scan# 2803

Delta R.T. 0.041 min

Lab File: BP003432.D

Acq: 01 Oct 2020 01:43

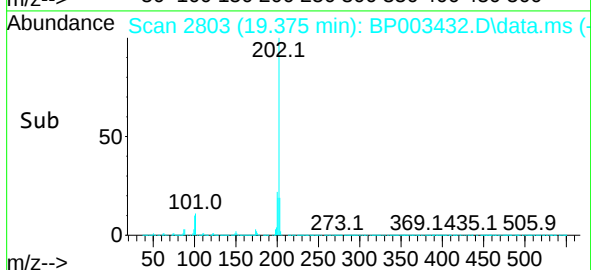
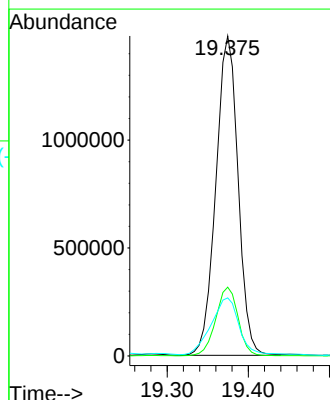
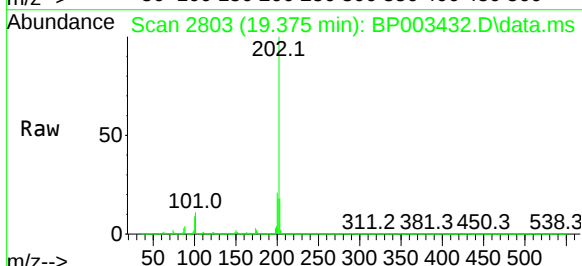
Tgt Ion:202 Resp: 2814915

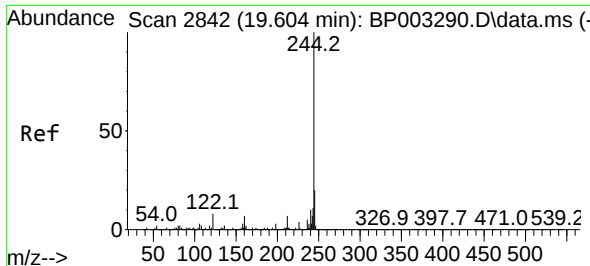
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 18.2 14.2 21.2

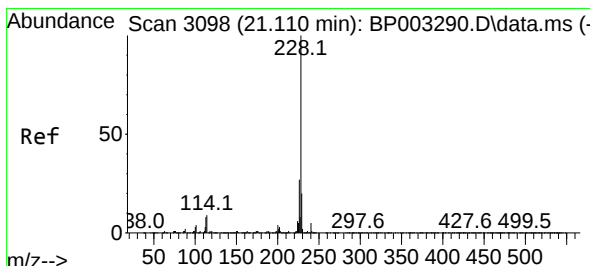
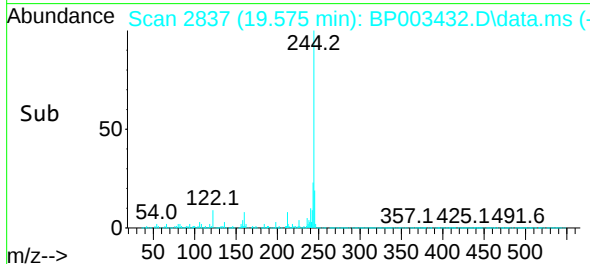
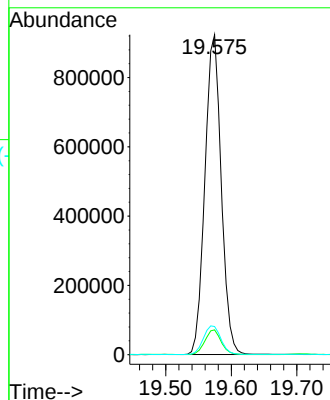
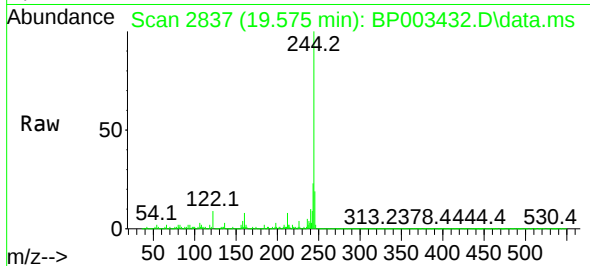




#79
 Terphenyl-d14
 Concen: 62.06 ng
 RT: 19.575 min Scan# 2837
 Delta R.T. 0.041 min
 Lab File: BP003432.D
 Acq: 01 Oct 2020 01:43

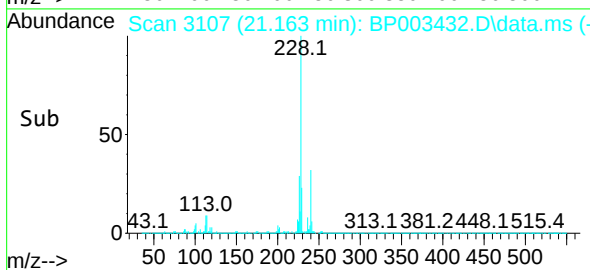
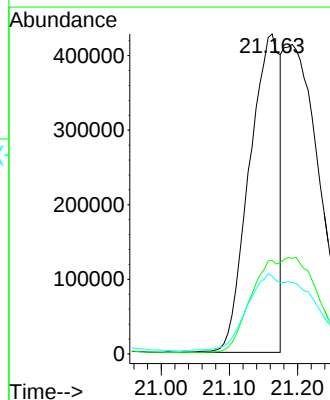
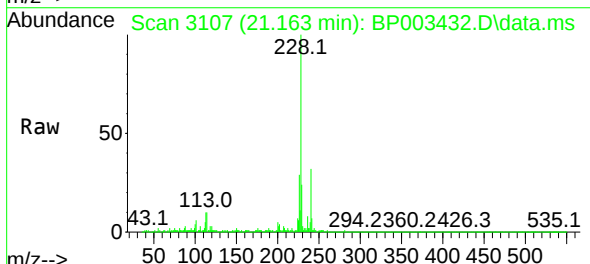
Instrument :
 BNA_P
 ClientSampleId :
 B-12(13-14)

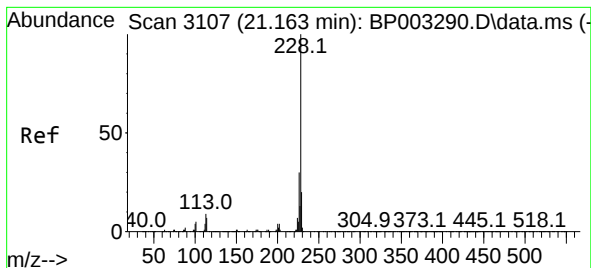
Tgt Ion:244 Resp: 1601231
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.6
 122 8.8 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 38.14 ng
 RT: 21.163 min Scan# 3107
 Delta R.T. 0.118 min
 Lab File: BP003432.D
 Acq: 01 Oct 2020 01:43

Tgt Ion:228 Resp: 1325193
 Ion Ratio Lower Upper
 228 100
 226 29.2 22.1 33.1
 229 24.4 15.9 23.9#





#83

Chrysene

Concen: 39.69 ng

RT: 21.163 min Scan# 3107

Delta R.T. 0.065 min

Lab File: BP003432.D

Acq: 01 Oct 2020 01:43

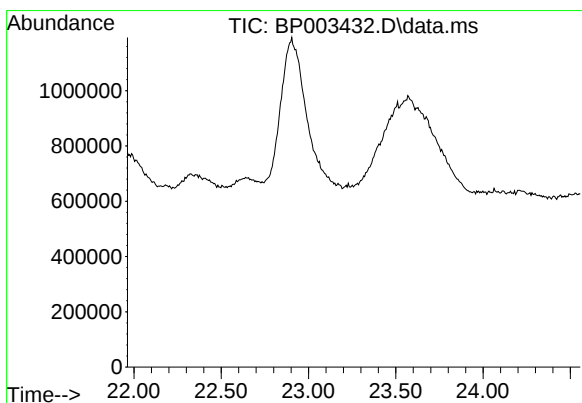
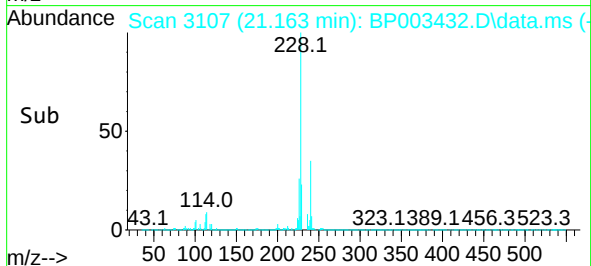
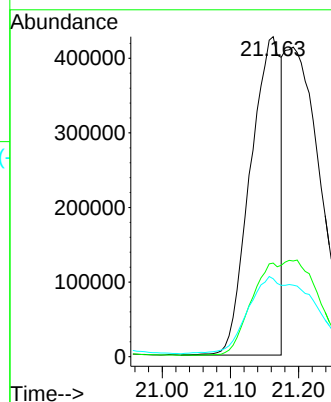
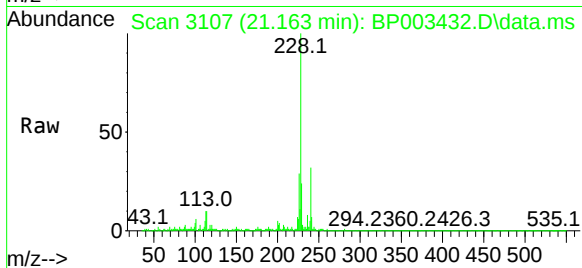
Tgt Ion: 228 Resp: 1325193

Ion Ratio Lower Upper

228 100

226 29.2 24.4 36.6

229 24.4 15.8 23.6#



#86

Perylene-d12

Concen: 0.00 ng

Expected RT: 23.26 min

Lab File: BP003432.D

Acq: 01 Oct 2020 01:43

Tgt Ion: 264

Sig Exp Ratio

264 100

260 23.5

265 21.8

