

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
 Data File : BP003975.D
 Acq On : 17 Nov 2020 15:03
 Operator : CG/JU
 Sample : L4734-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BARNUM-STREET-TEST-PIT-1

Quant Time: Nov 17 16:45:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 12 15:22:47 2020
 Response via : Initial Calibration

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

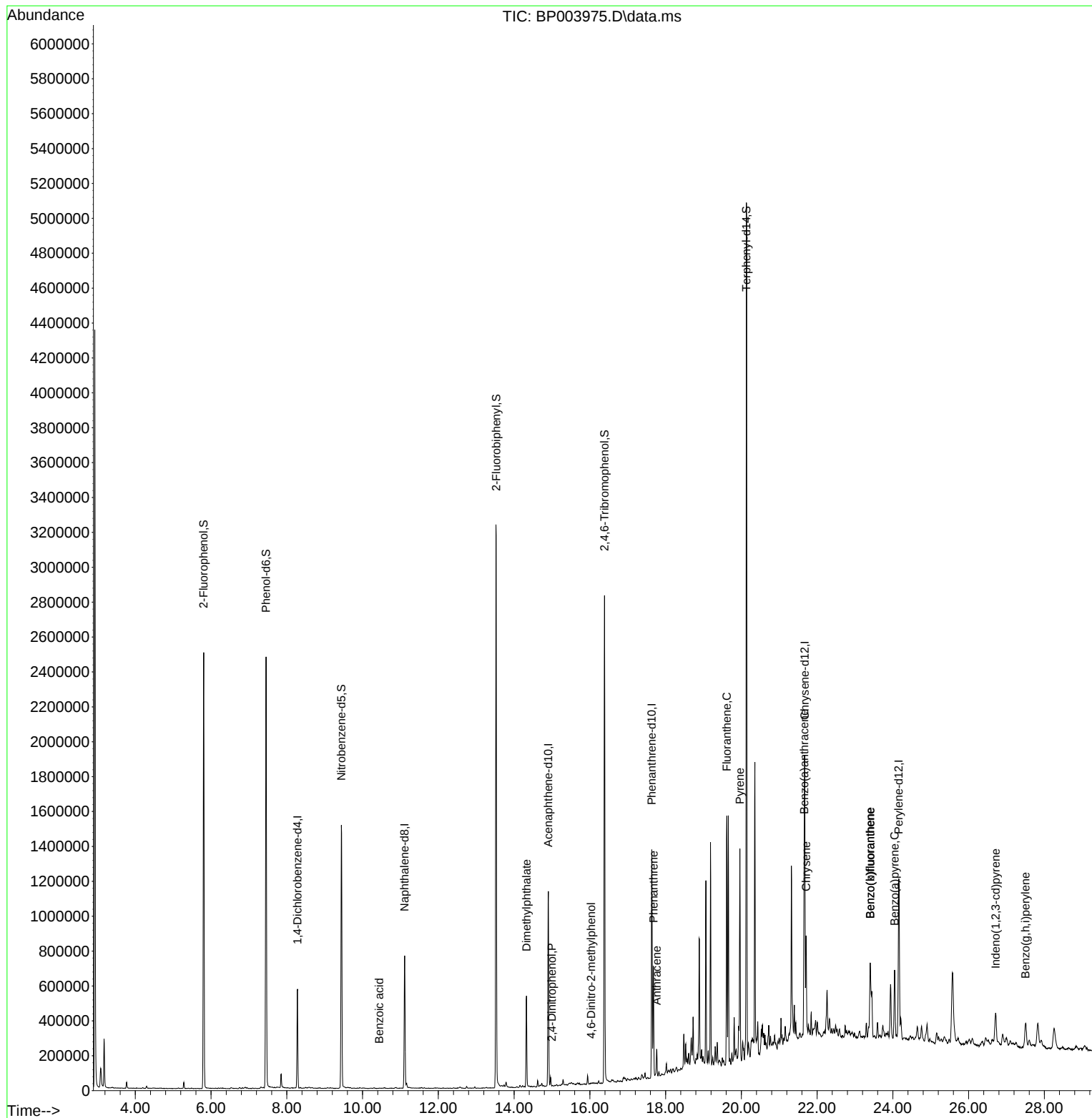
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	150673	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	603439	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	383385	20.00	ng	0.00
64) Phenanthrene-d10	17.633	188	798127	20.00	ng	# 0.00
76) Chrysene-d12	21.674	240	719725	20.00	ng	0.00
86) Perylene-d12	24.157	264	727880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	998494	110.60	ng	0.00
7) Phenol-d6	7.452	99	1342370	103.58	ng	0.00
23) Nitrobenzene-d5	9.440	82	847664	68.80	ng	0.00
42) 2,4,6-Tribromophenol	16.386	330	515812	107.57	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	1703870	62.13	ng	0.00
79) Terphenyl-d14	20.133	244	2101186	56.40	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.375	77	1250	Below Cal	#	45
32) Benzoic acid	10.440	122	79	8.32 ng	#	44
50) Dimethylphthalate	14.328	163	335779	11.20 ng		99
54) 2,4-Dinitrophenol	14.998	184	10	2.73 ng	#	1
65) 4,6-Dinitro-2-methylph...	16.034	198	28	6.35 ng	#	1
71) Phenanthrene	17.681	178	373788	8.34 ng		99
72) Anthracene	17.769	178	96644	2.23 ng		98
75) Fluoranthene	19.616	202	802130	15.52 ng		99
78) Pyrene	19.963	202	723342	14.81 ng		97
81) Benzo(a)anthracene	21.657	228	373832	7.88 ng		97
83) Chrysene	21.710	228	328610	7.21 ng		97
87) Indeno(1,2,3-cd)pyrene	26.715	276	196010	3.73 ng		95
88) Benzo(b)fluoranthene	23.404	252	545807	11.46 ng		97
89) Benzo(k)fluoranthene	23.404	252	545807	11.60 ng		97
90) Benzo(a)pyrene	24.045	252	308397	6.99 ng		99
92) Benzo(g,h,i)perylene	27.504	276	183919	4.34 ng		98

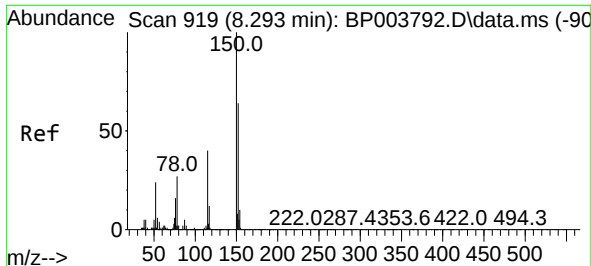
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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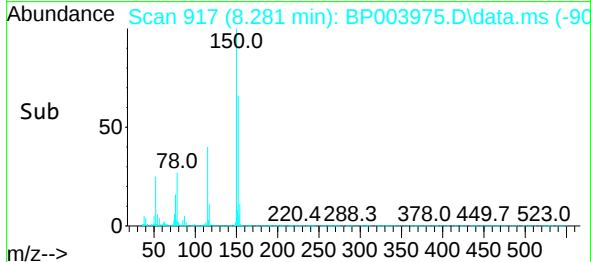
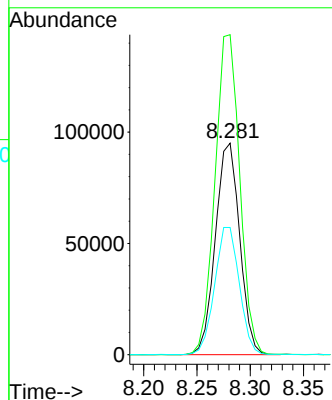
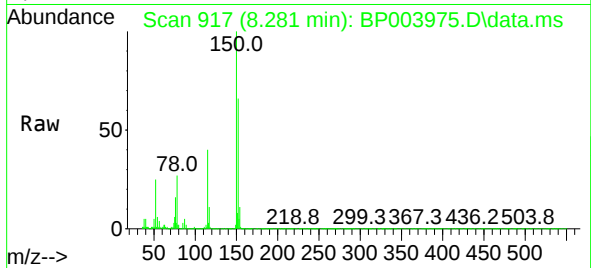




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. 0.000 min
Lab File: BP003975.D
Acq: 17 Nov 2020 15:03

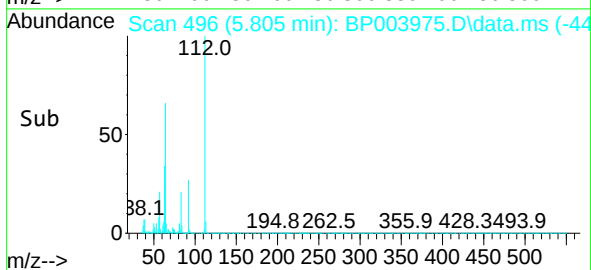
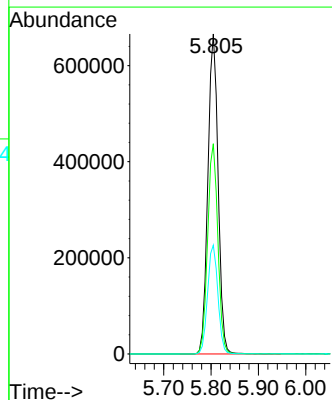
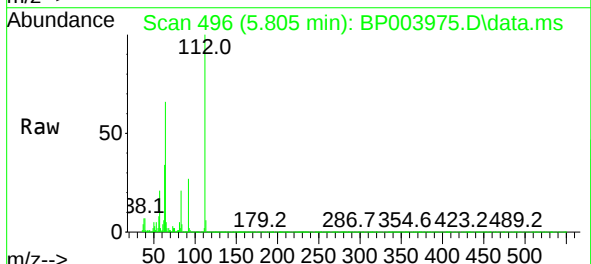
Instrument :
BNA_P
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BARNUM-STREET-TEST-PIT-1

Tgt Ion:152 Resp: 150673
Ion Ratio Lower Upper
152 100
150 151.2 123.8 185.6
115 60.1 43.8 65.6



#5
2-Fluorophenol
Concen: 110.60 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP003975.D
Acq: 17 Nov 2020 15:03

Tgt Ion:112 Resp: 998494
Ion Ratio Lower Upper
112 100
64 65.7 32.8 49.2#
63 34.0 17.0 25.4#

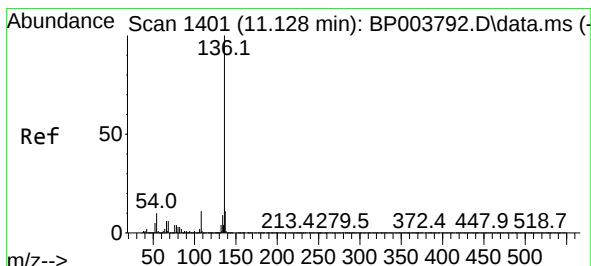
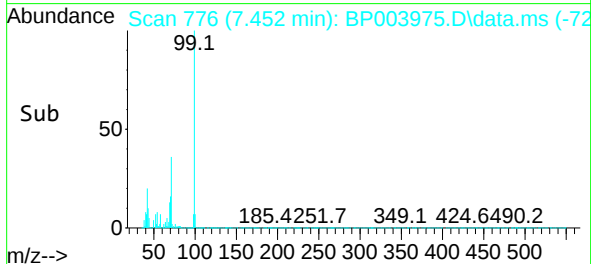
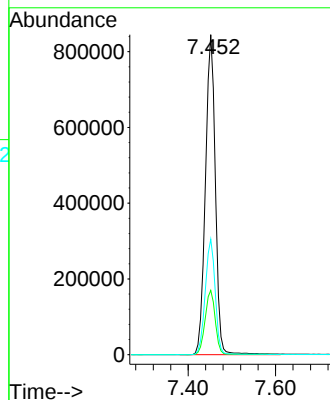
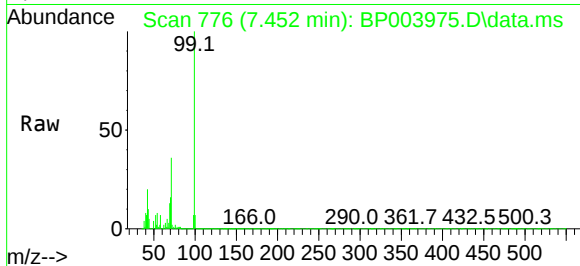




#7
Phenol-d6
Concen: 103.58 ng
RT: 7.452 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP003975.D
Acq: 17 Nov 2020 15:03

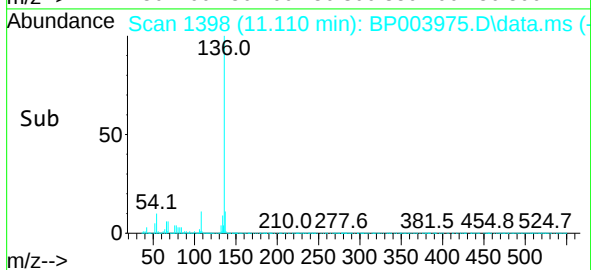
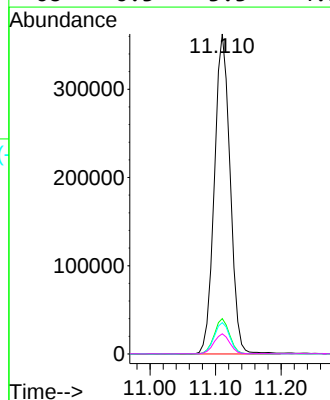
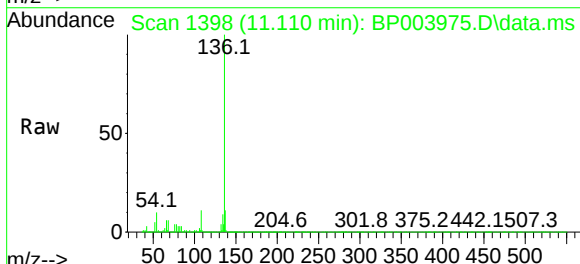
Instrument :
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ClientSampleId :
BARNUM-STREET-TEST-PIT-1

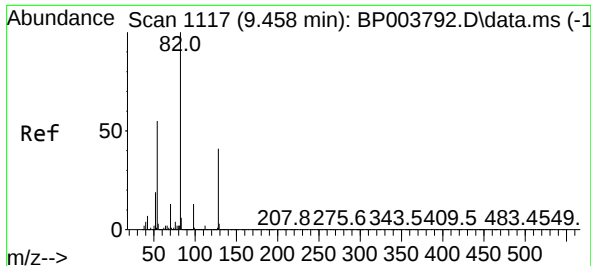
Tgt Ion: 99 Resp: 1342370
Ion Ratio Lower Upper
99 100
42 20.1 8.6 13.0#
71 36.1 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BP003975.D
Acq: 17 Nov 2020 15:03

Tgt Ion: 136 Resp: 603439
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.8 3.6 5.4#
68 6.3 3.3 4.9#

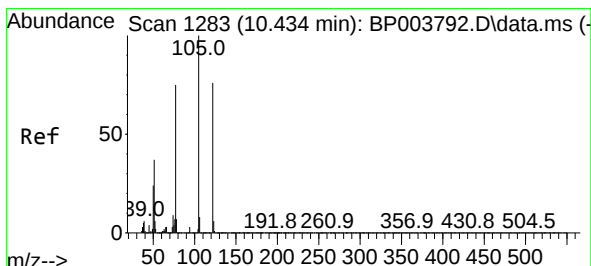
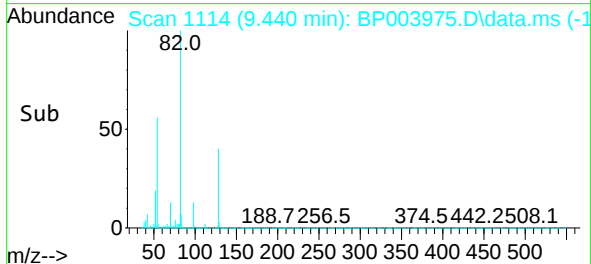
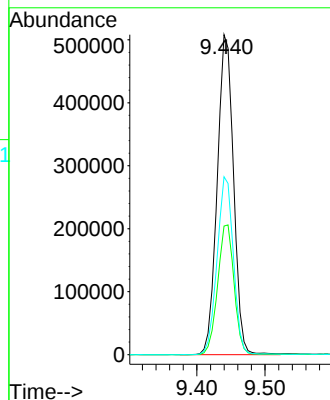
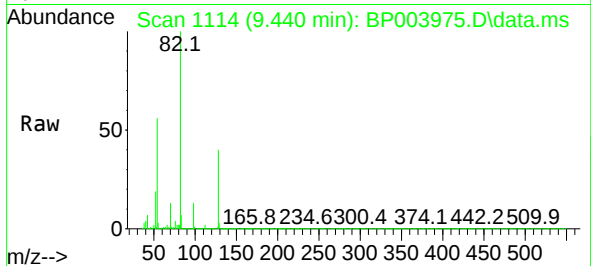




#23
Nitrobenzene-d5
Concen: 68.80 ng
RT: 9.440 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BP003975.D
Acq: 17 Nov 2020 15:03

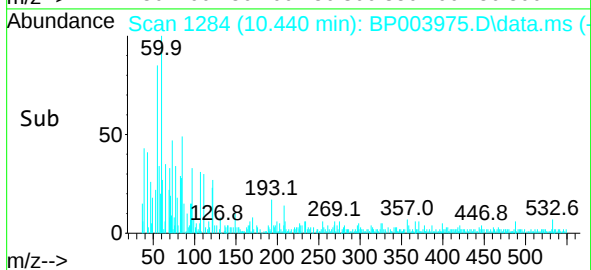
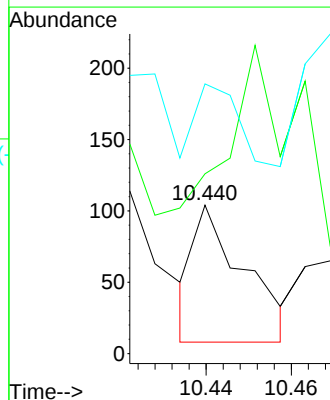
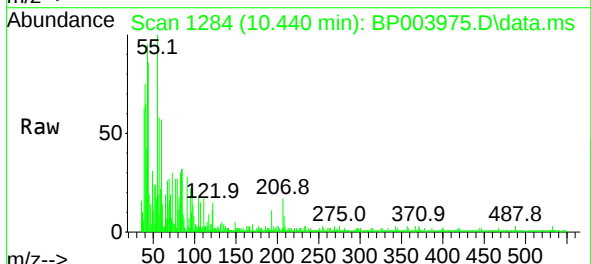
Instrument :
BNA_P
ClientSampleId :
BARNUM-STREET-TEST-PIT-1

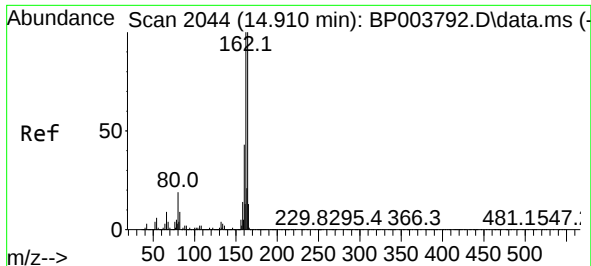
Tgt Ion: 82 Resp: 847664
Ion Ratio Lower Upper
82 100
128 40.2 45.6 68.4#
54 55.6 30.1 45.1#



#32
Benzoic acid
Concen: 8.32 ng
RT: 10.440 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BP003975.D
Acq: 17 Nov 2020 15:03

Tgt Ion: 122 Resp: 79
Ion Ratio Lower Upper
122 100
105 121.2 94.1 134.1
77 181.7 50.1 90.1#

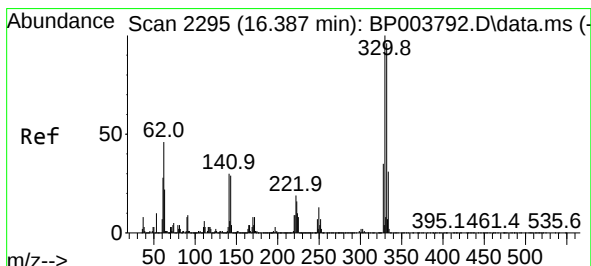
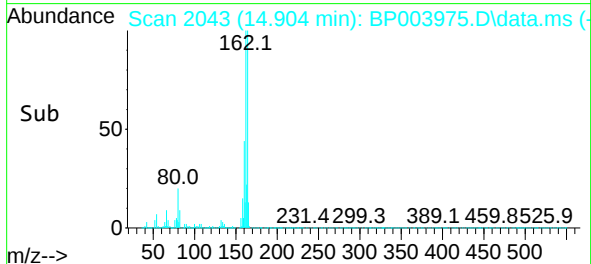
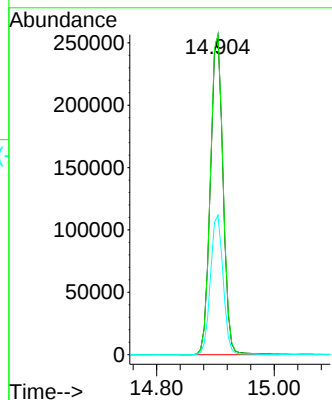
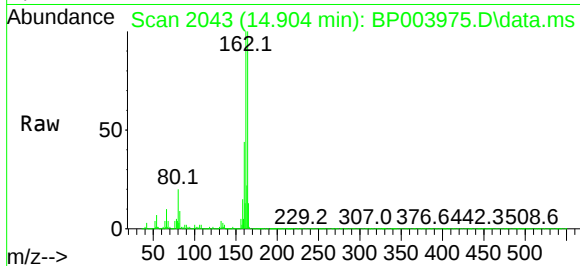




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP003975.D
Acq: 17 Nov 2020 15:03

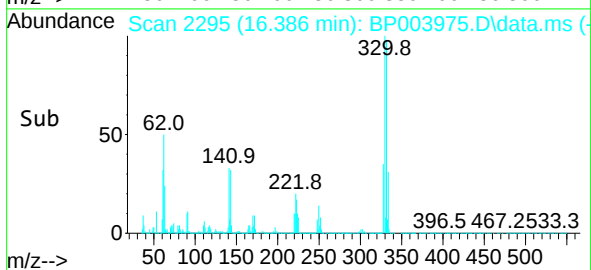
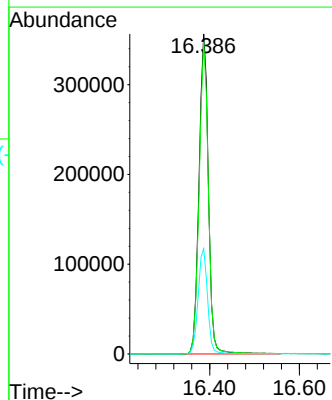
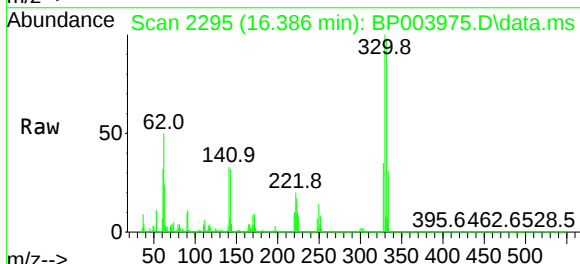
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BNA_P
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BARNUM-STREET-TEST-PIT-1

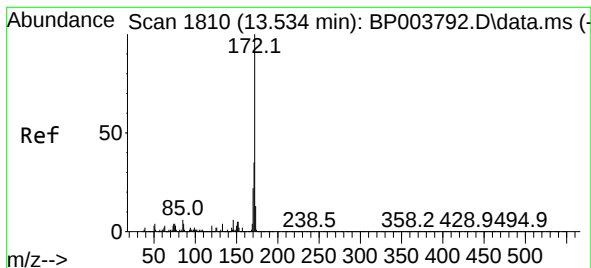
Tgt Ion:164 Resp: 383385
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.2
160 43.6 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 107.57 ng
RT: 16.386 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP003975.D
Acq: 17 Nov 2020 15:03

Tgt Ion:330 Resp: 515812
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 33.2 23.4 35.2

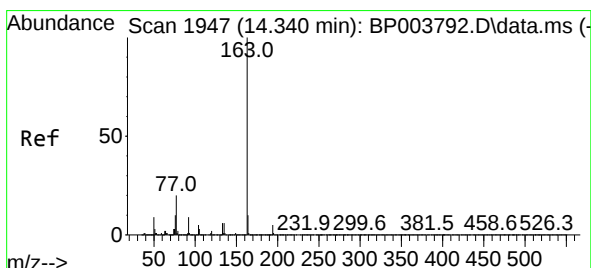
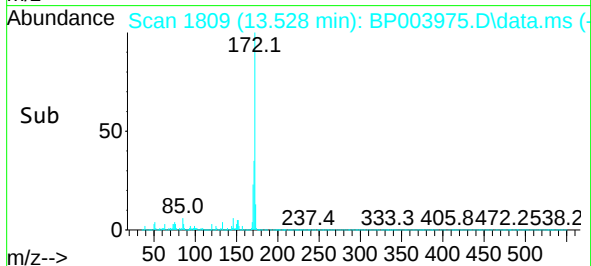
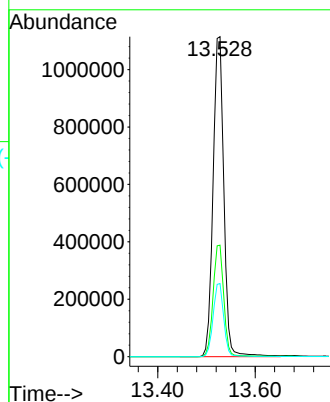
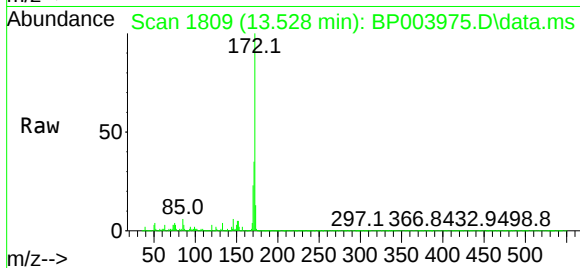




#45
2-Fluorobiphenyl
Concen: 62.13 ng
RT: 13.528 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BP003975.D
Acq: 17 Nov 2020 15:03

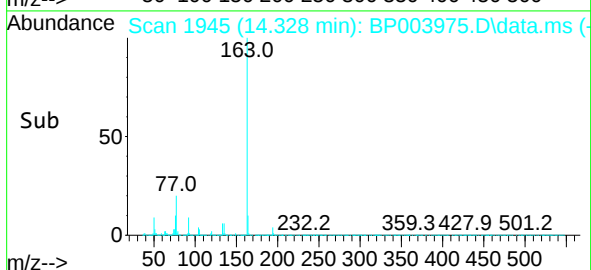
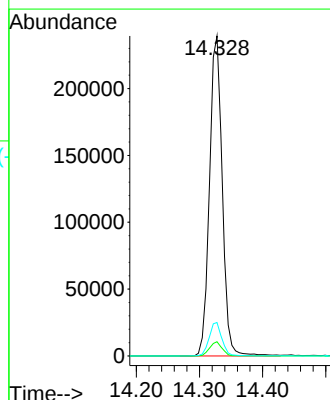
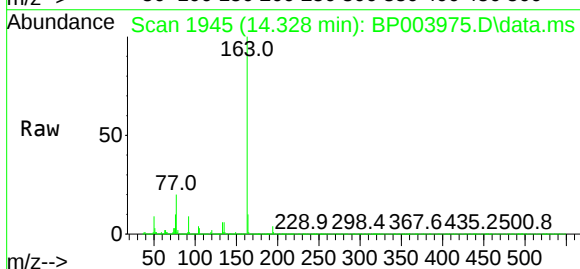
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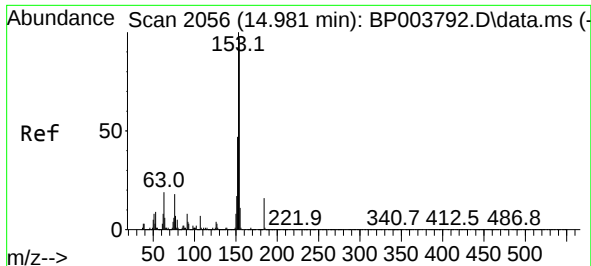
Tgt Ion:172 Resp: 1703870
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 22.8 19.2 28.8



#50
Dimethylphthalate
Concen: 11.20 ng
RT: 14.328 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP003975.D
Acq: 17 Nov 2020 15:03

Tgt Ion:163 Resp: 335779
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.5 8.2 12.2

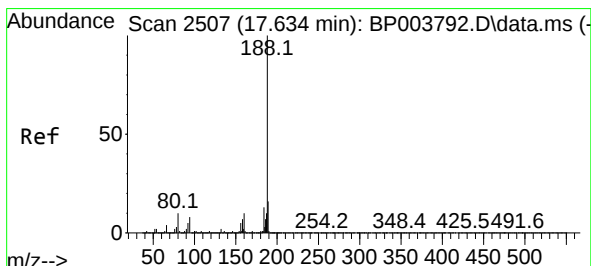
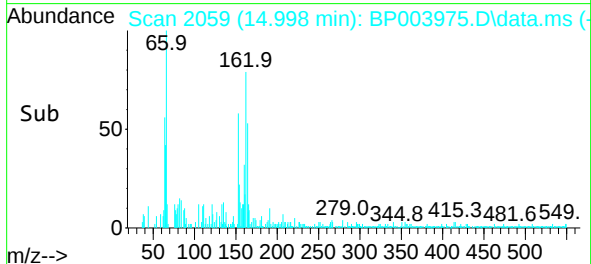
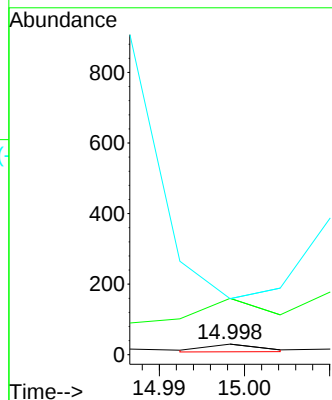
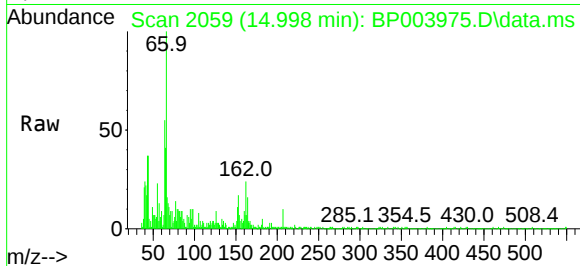




#54
2,4-Dinitrophenol
Concen: 2.73 ng
RT: 14.998 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BP003975.D
Acq: 17 Nov 2020 15:03

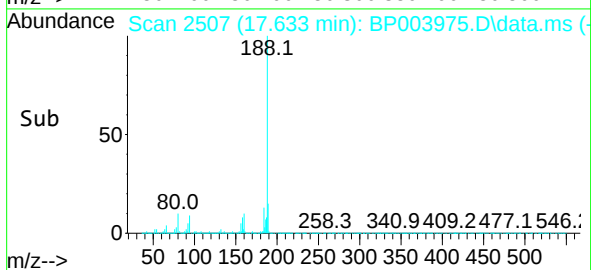
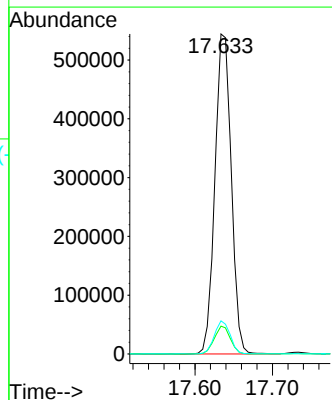
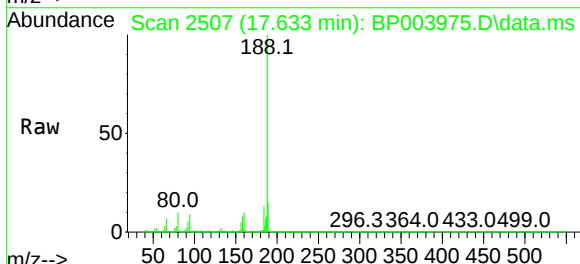
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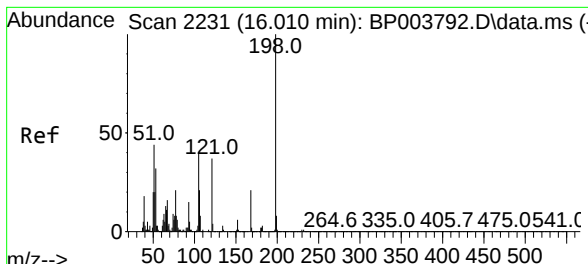
Tgt Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 533.3 32.3 48.5#
154 530.0 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.633 min Scan# 2507
Delta R.T. -0.006 min
Lab File: BP003975.D
Acq: 17 Nov 2020 15:03

Tgt Ion:188 Resp: 798127
Ion Ratio Lower Upper
188 100
94 8.7 6.2 9.2
80 10.4 6.2 9.2#

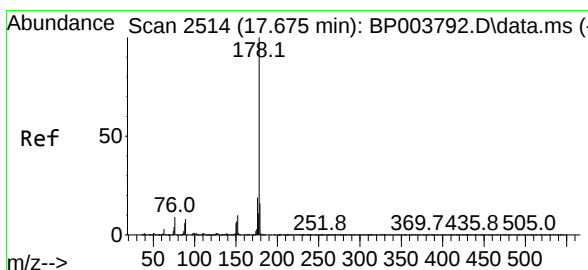
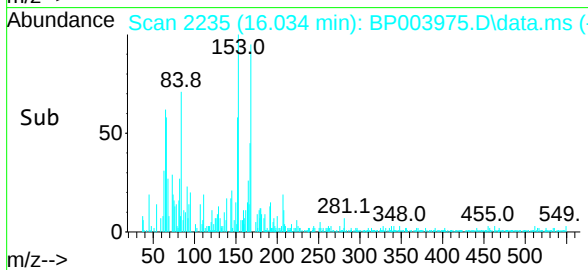
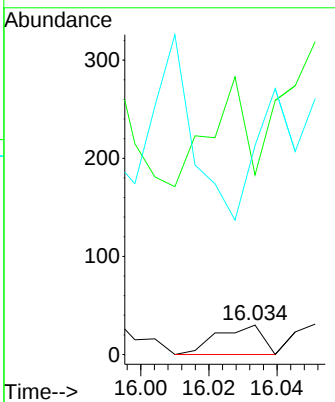
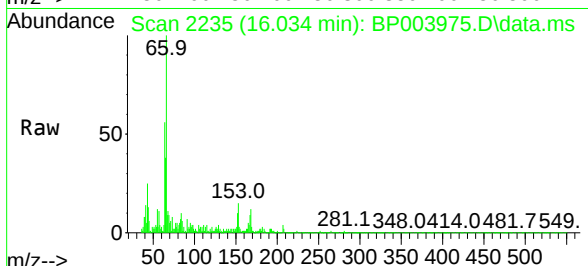




#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.35 ng
 RT: 16.034 min Scan# 2235
 Delta R.T. 0.012 min
 Lab File: BP003975.D
 Acq: 17 Nov 2020 15:03

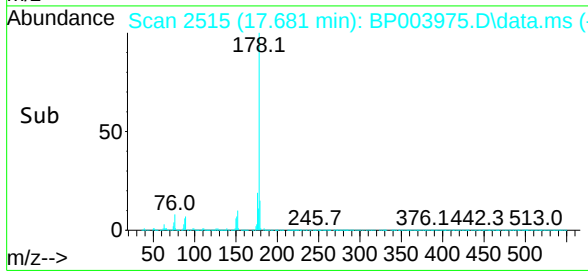
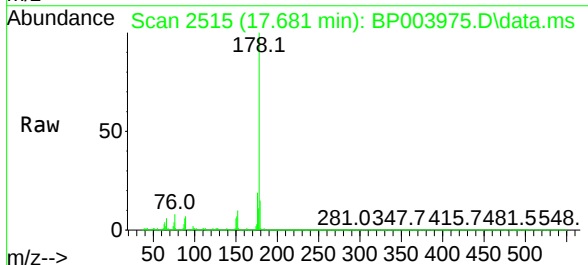
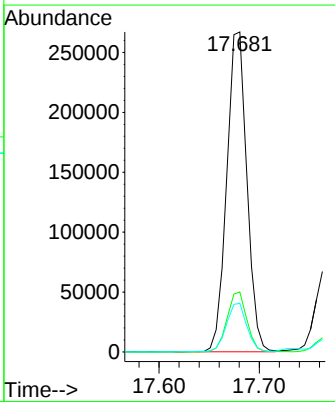
Instrument :
 BNA_P
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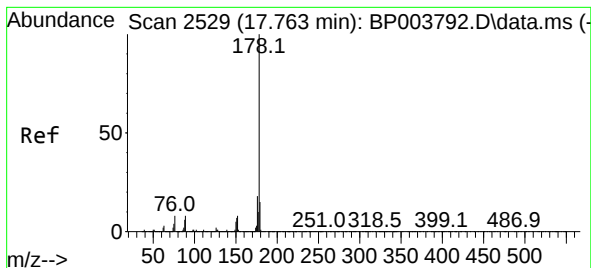
Tgt Ion:	198	Resp:	28
Ion	Ratio	Lower	Upper
198	100		
51	610.0	6.4	46.4#
105	710.0	18.9	58.9#



#71
 Phenanthrene
 Concen: 8.34 ng
 RT: 17.681 min Scan# 2515
 Delta R.T. 0.000 min
 Lab File: BP003975.D
 Acq: 17 Nov 2020 15:03

Tgt Ion:	178	Resp:	373788
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.3	12.5	18.7

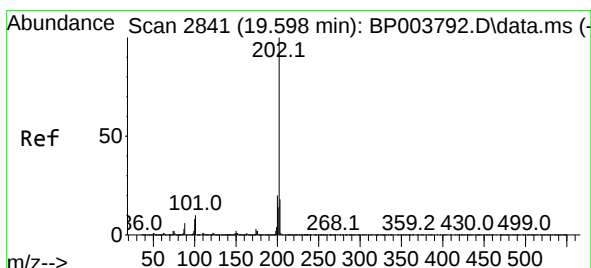
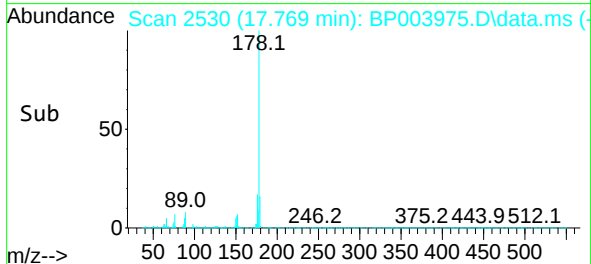
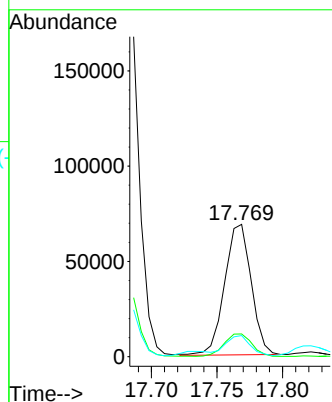
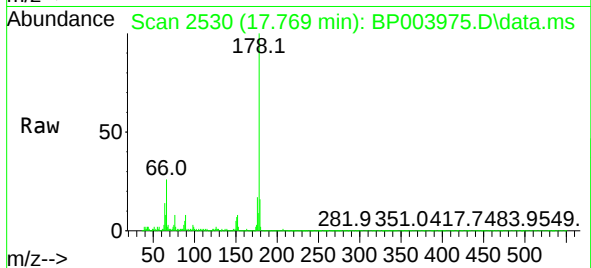




#72
 Anthracene
 Concen: 2.23 ng
 RT: 17.769 min Scan# 2530
 Delta R.T. 0.000 min
 Lab File: BP003975.D
 Acq: 17 Nov 2020 15:03

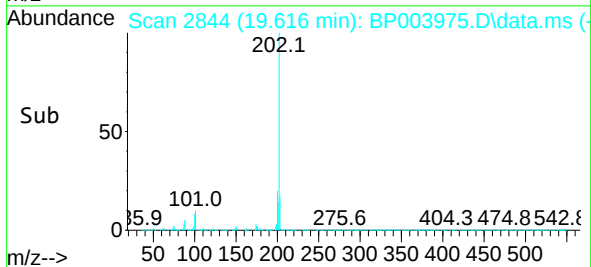
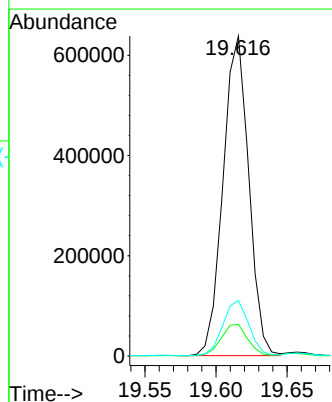
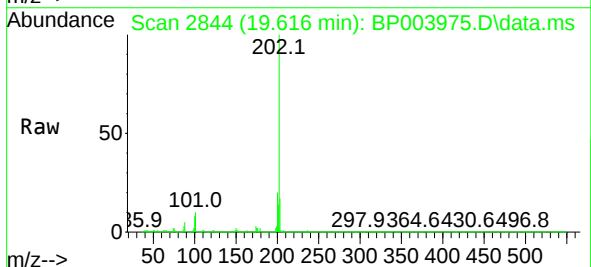
Instrument :
 BNA_P
 ClientSampleId :
 BARNUM-STREET-TEST-PIT-1

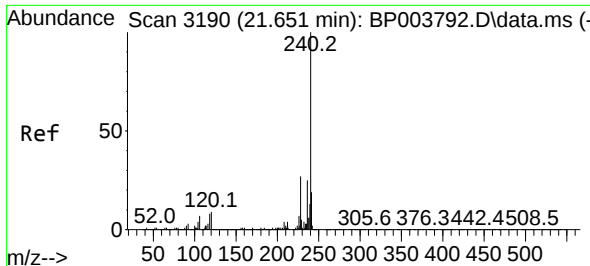
Tgt Ion:178 Resp: 96644
 Ion Ratio Lower Upper
 178 100
 176 17.2 15.0 22.4
 179 16.0 12.5 18.7



#75
 Fluoranthene
 Concen: 15.52 ng
 RT: 19.616 min Scan# 2844
 Delta R.T. 0.000 min
 Lab File: BP003975.D
 Acq: 17 Nov 2020 15:03

Tgt Ion:202 Resp: 802130
 Ion Ratio Lower Upper
 202 100
 101 9.9 0.0 29.4
 203 17.3 0.0 37.8

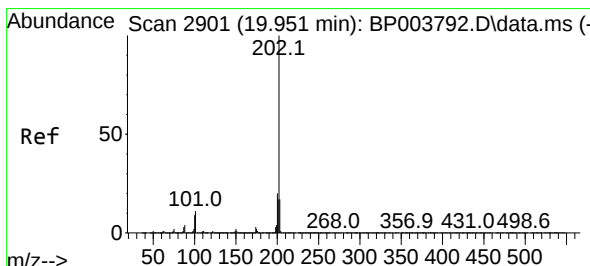
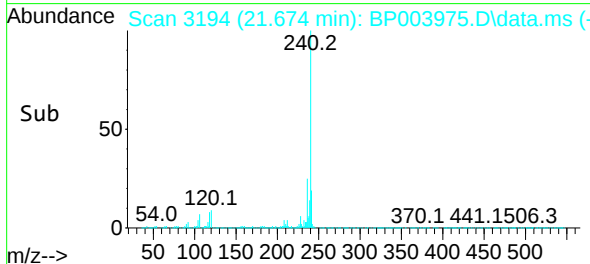
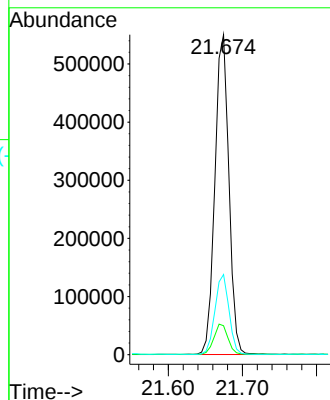
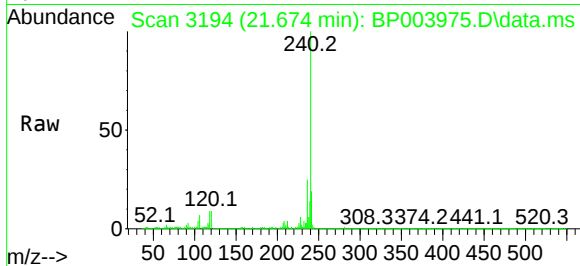




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.674 min Scan# 3194
Delta R.T. 0.000 min
Lab File: BP003975.D
Acq: 17 Nov 2020 15:03

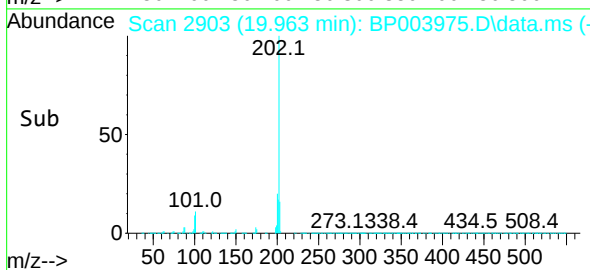
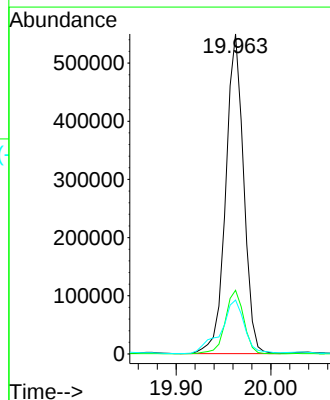
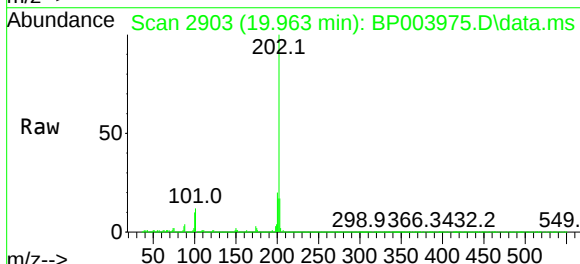
Instrument :
BNA_P
ClientSampleId :
BARNUM-STREET-TEST-PIT-1

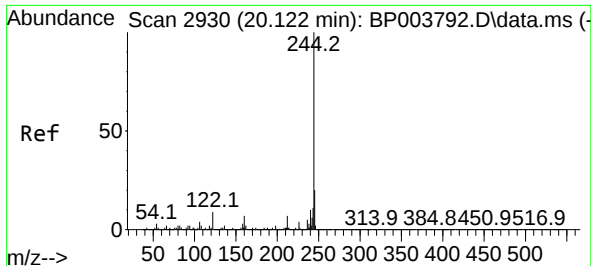
Tgt Ion:240 Resp: 719725
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 25.1 20.8 31.2



#78
Pyrene
Concen: 14.81 ng
RT: 19.963 min Scan# 2903
Delta R.T. 0.000 min
Lab File: BP003975.D
Acq: 17 Nov 2020 15:03

Tgt Ion:202 Resp: 723342
Ion Ratio Lower Upper
202 100
200 19.9 17.1 25.7
203 16.8 14.2 21.2

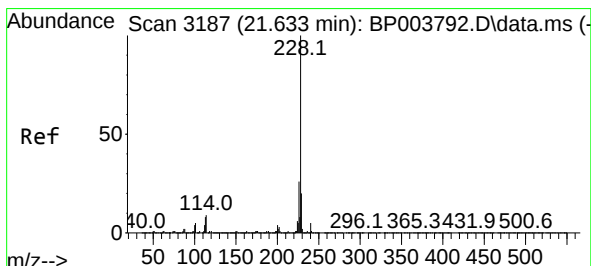
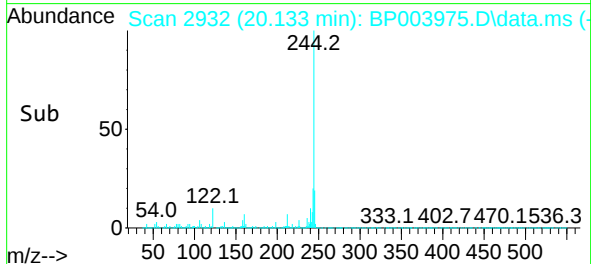
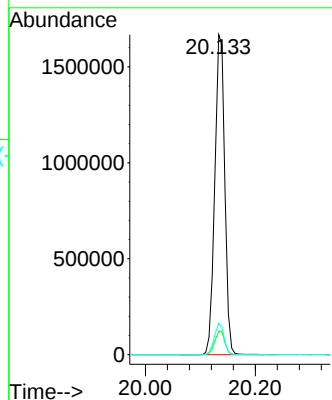
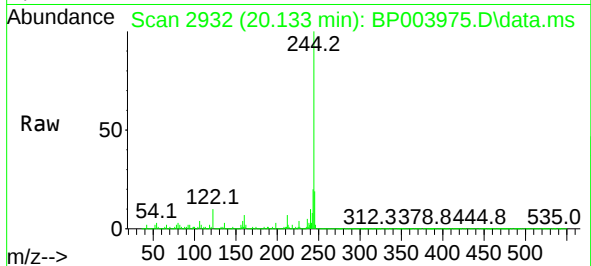




#79
 Terphenyl-d14
 Concen: 56.40 ng
 RT: 20.133 min Scan# 2932
 Delta R.T. 0.000 min
 Lab File: BP003975.D
 Acq: 17 Nov 2020 15:03

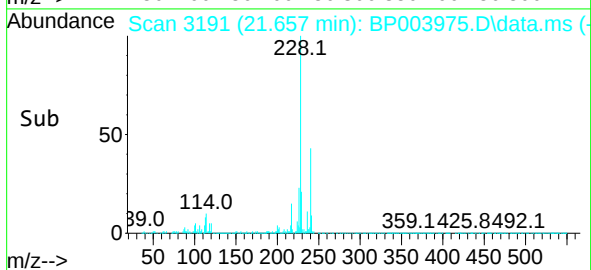
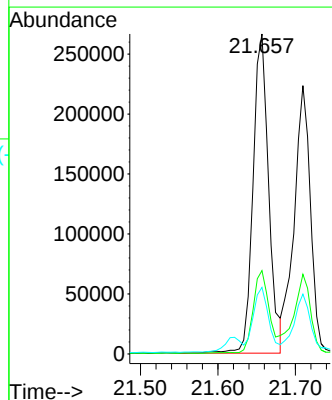
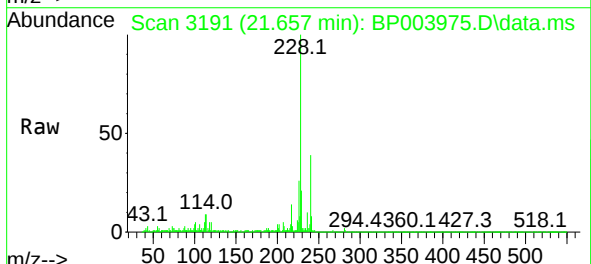
Instrument :
 BNA_P
 ClientSampleId :
 BARNUM-STREET-TEST-PIT-1

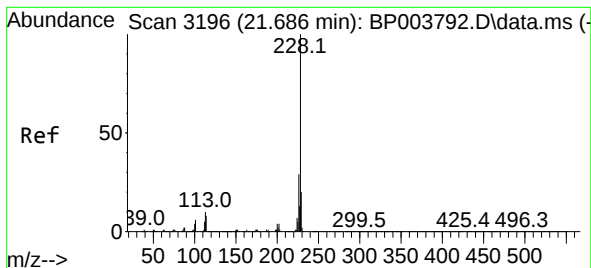
Tgt Ion:244 Resp: 2101186
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 9.8 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 7.88 ng
 RT: 21.657 min Scan# 3191
 Delta R.T. 0.000 min
 Lab File: BP003975.D
 Acq: 17 Nov 2020 15:03

Tgt Ion:228 Resp: 373832
 Ion Ratio Lower Upper
 228 100
 226 26.0 22.1 33.1
 229 20.8 15.9 23.9





#83

Chrysene

Concen: 7.21 ng

RT: 21.710 min Scan# 3200

Delta R.T. -0.006 min

Lab File: BP003975.D

Acq: 17 Nov 2020 15:03

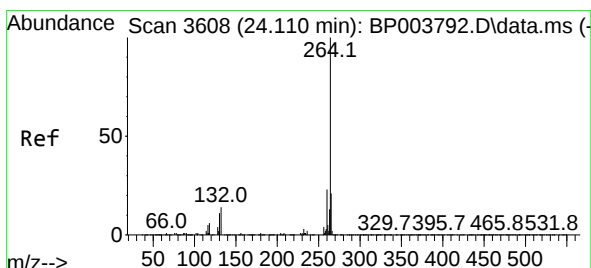
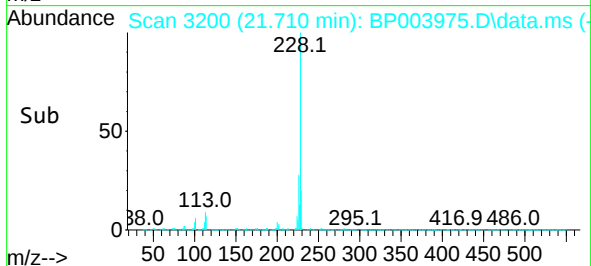
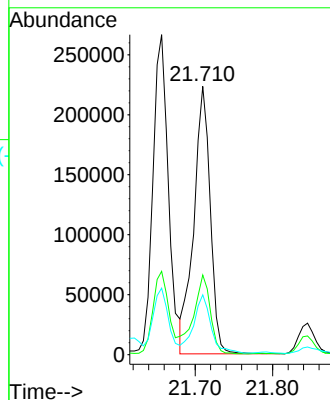
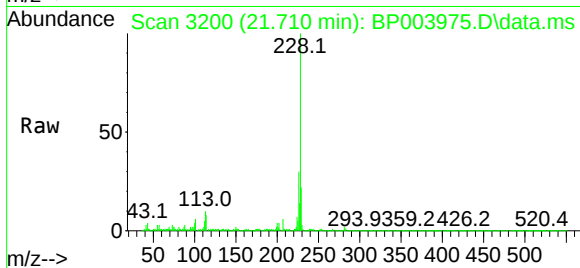
Tgt Ion:228 Resp: 328610

Ion Ratio Lower Upper

228 100

226 29.7 24.4 36.6

229 22.3 15.8 23.6



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.157 min Scan# 3616

Delta R.T. 0.000 min

Lab File: BP003975.D

Acq: 17 Nov 2020 15:03

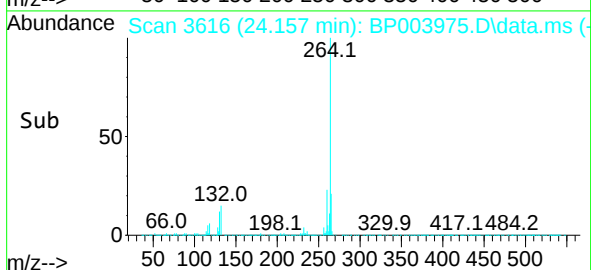
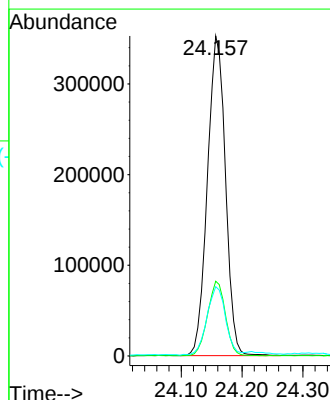
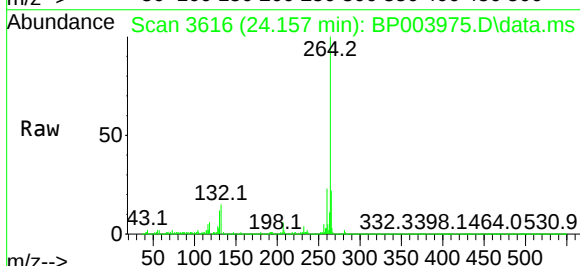
Tgt Ion:264 Resp: 727880

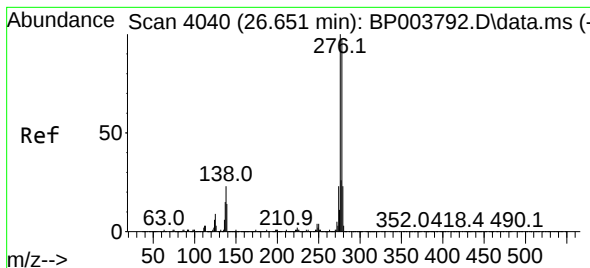
Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.73 ng

RT: 26.715 min Scan# 4051

Delta R.T. -0.012 min

Lab File: BP003975.D

Acq: 17 Nov 2020 15:03

Instrument :

BNA_P

ClientSampleId :

BARNUM-STREET-TEST-PIT-1

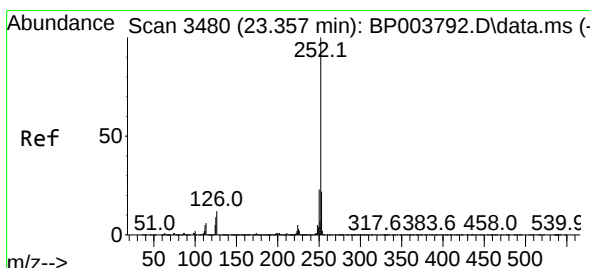
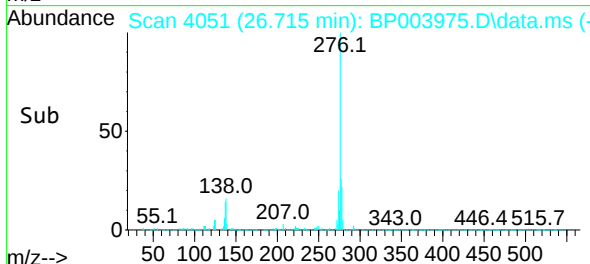
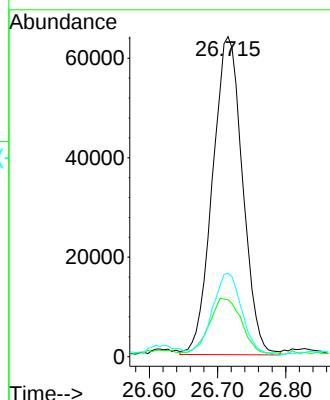
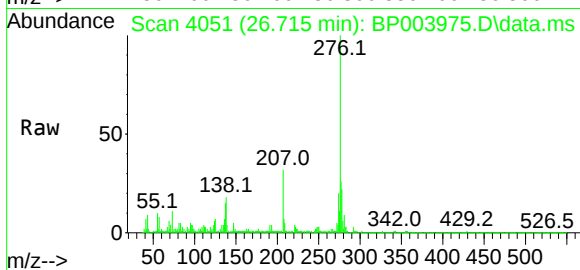
Tgt Ion:276 Resp: 196010

Ion Ratio Lower Upper

276 100

138 18.9 18.7 28.1

277 25.0 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 11.46 ng

RT: 23.404 min Scan# 3488

Delta R.T. 0.000 min

Lab File: BP003975.D

Acq: 17 Nov 2020 15:03

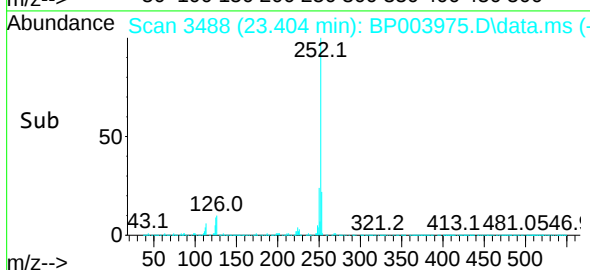
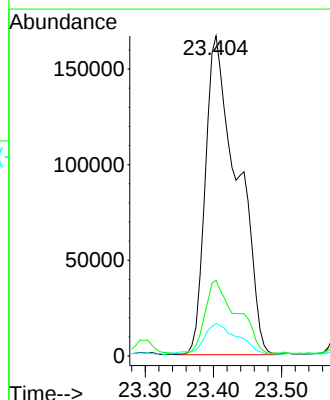
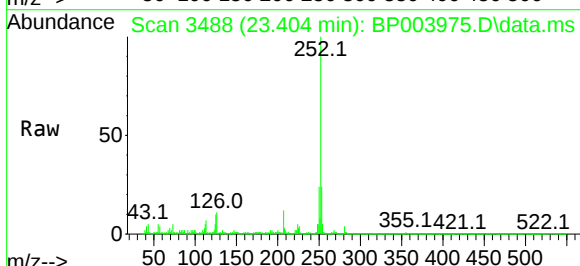
Tgt Ion:252 Resp: 545807

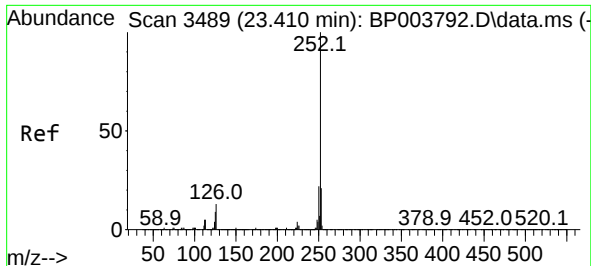
Ion Ratio Lower Upper

252 100

253 23.7 17.6 26.4

125 10.1 7.3 10.9

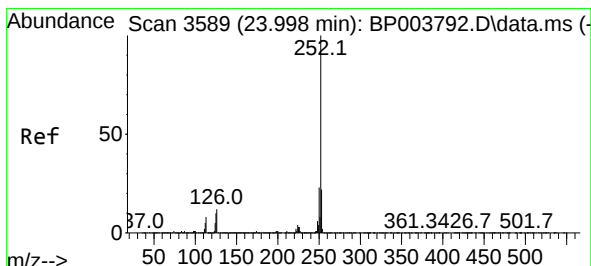
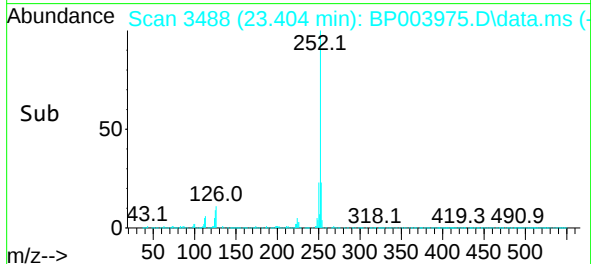
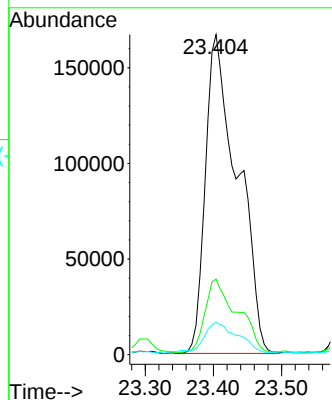
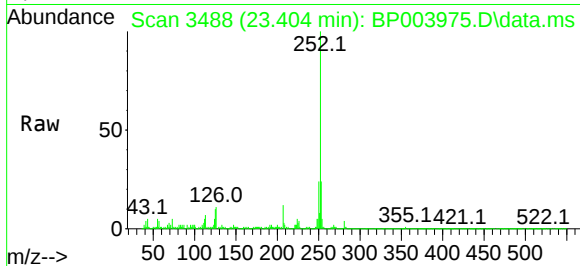




#89
Benzo(k)fluoranthene
Concen: 11.60 ng
RT: 23.404 min Scan# 3488
Delta R.T. -0.047 min
Lab File: BP003975.D
Acq: 17 Nov 2020 15:03

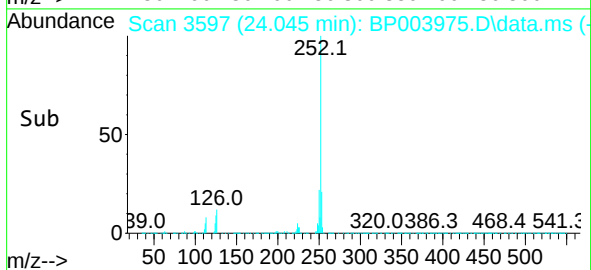
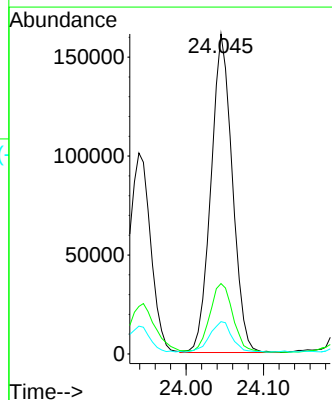
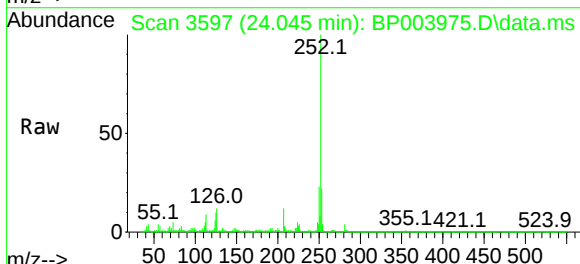
Instrument :
BNA_P
ClientSampleId :
BARNUM-STREET-TEST-PIT-1

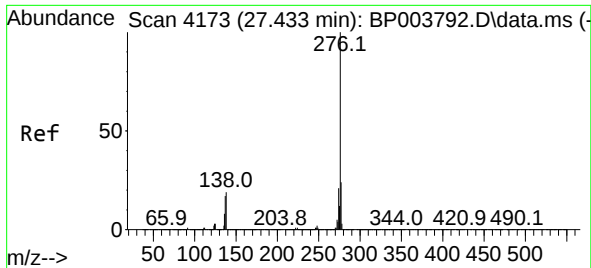
Tgt Ion:252 Resp: 545807
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 10.1 7.4 11.2



#90
Benzo(a)pyrene
Concen: 6.99 ng
RT: 24.045 min Scan# 3597
Delta R.T. -0.006 min
Lab File: BP003975.D
Acq: 17 Nov 2020 15:03

Tgt Ion:252 Resp: 308397
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.1 8.2 12.4





#92
Benzo(g,h,i)perylene
Concen: 4.34 ng
RT: 27.504 min Scan# 4185
Delta R.T. -0.018 min
Lab File: BP003975.D
Acq: 17 Nov 2020 15:03

Instrument :
BNA_P
ClientSampleId :
BARNUM-STREET-TEST-PIT-1

Tgt Ion:	276	Resp:	183919
Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.6
138	18.4	16.6	24.8

