

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
 Data File : BP003978.D
 Acq On : 17 Nov 2020 16:46
 Operator : CG/JU
 Sample : L4734-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BARNUM-STREET-TEST-PIT-2

Manual Integrations
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mohammad
 11/19/2020 10:31:21 AM

Quant Time: Nov 18 02:08:56 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	131458	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	527534	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	331917	20.00	ng	0.00
64) Phenanthrene-d10	17.639	188	693623	20.00	ng	# 0.00
76) Chrysene-d12	21.674	240	643152	20.00	ng	0.00
86) Perylene-d12	24.157	264	664284	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	930543	118.14	ng	0.00
7) Phenol-d6	7.452	99	1221257	108.01	ng	0.00
23) Nitrobenzene-d5	9.446	82	791180	73.45	ng	0.00
42) 2,4,6-Tribromophenol	16.387	330	452037	108.89	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	1577215	66.43	ng	0.00
79) Terphenyl-d14	20.139	244	1951719	58.63	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.163	128	95776	3.38	ng	98
50) Dimethylphthalate	14.328	163	324414	12.50	ng	99
71) Phenanthrene	17.681	178	280848	7.21	ng	100
72) Anthracene	17.769	178	93220	2.48	ng	99
75) Fluoranthene	19.616	202	637516	14.19	ng	100
78) Pyrene	19.963	202	624842	14.32	ng	99
81) Benzo(a)anthracene	21.657	228	404590	9.54	ng	98
83) Chrysene	21.710	228	336425	8.26	ng	97
87) Indeno(1,2,3-cd)pyrene	26.715	276	220257	4.60	ng	96
88) Benzo(b)fluoranthene	23.404	252	462730m	10.64	ng	
89) Benzo(k)fluoranthene	23.439	252	151240m	3.52	ng	
90) Benzo(a)pyrene	24.045	252	372849	9.27	ng	97
92) Benzo(g,h,i)perylene	27.509	276	208916	5.40	ng	99

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

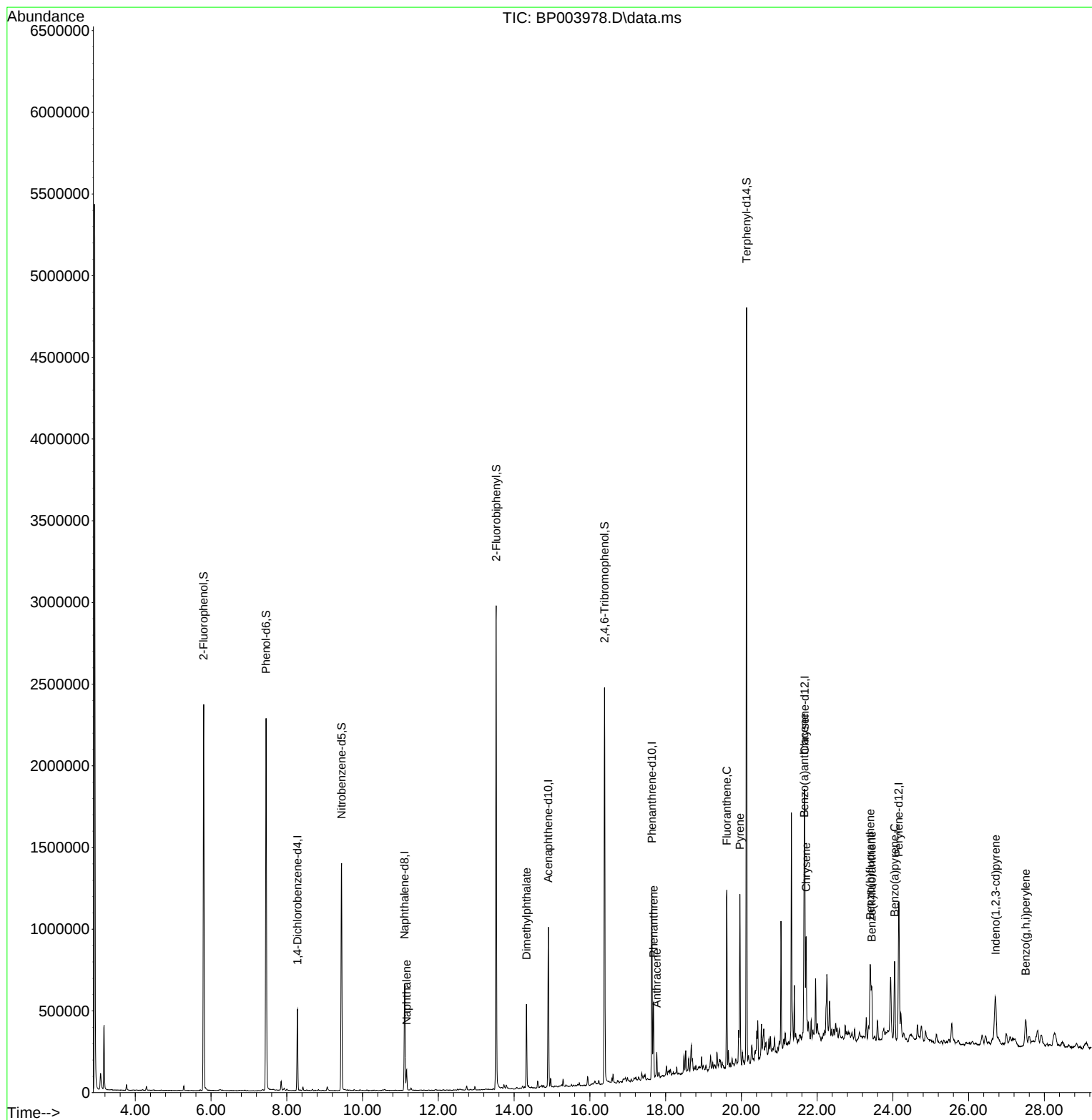
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003978.D
Acq On : 17 Nov 2020 16:46
Operator : CG/JU
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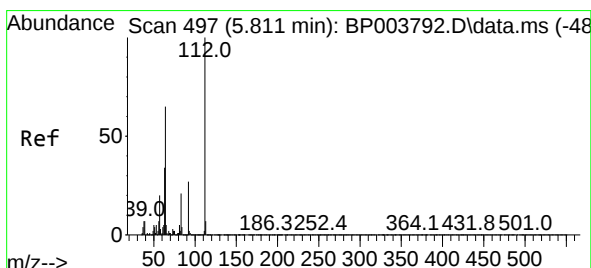
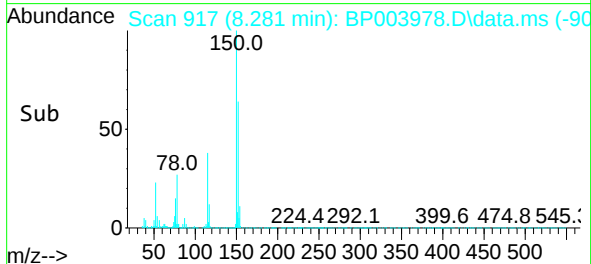
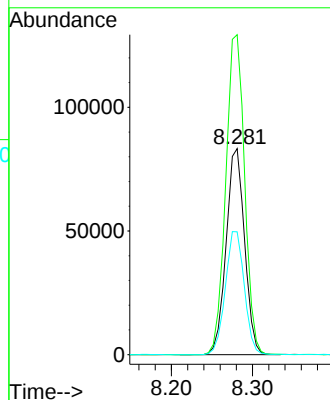
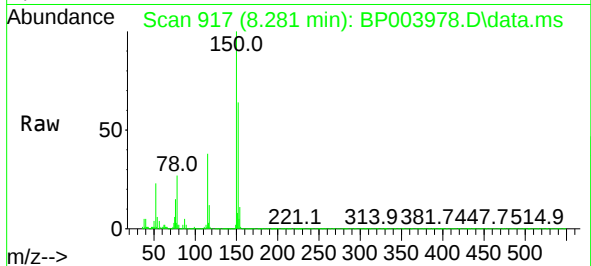
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. 0.000 min
Lab File: BP003978.D
Acq: 17 Nov 2020 16:46

Tgt Ion:152 Resp: 131458
Ion Ratio Lower Upper
152 100
150 155.3 123.8 185.6
115 59.7 43.8 65.6

Instrument :
BNA_P
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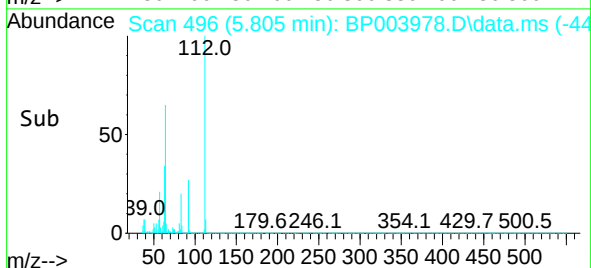
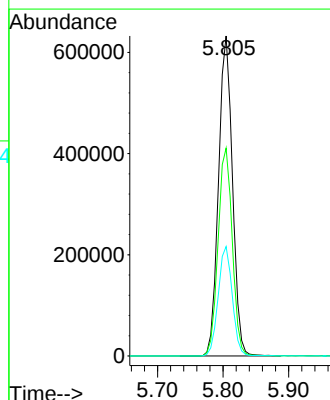
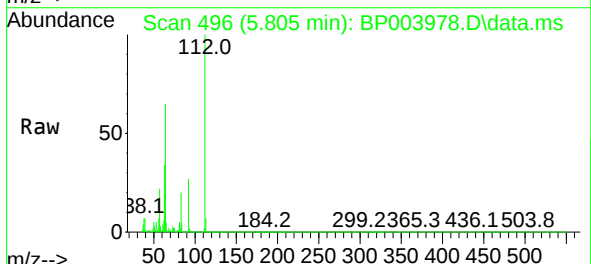
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#5
2-Fluorophenol
Concen: 118.14 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP003978.D
Acq: 17 Nov 2020 16:46

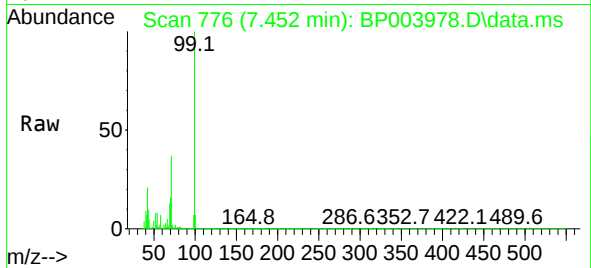
Tgt Ion:112 Resp: 930543
Ion Ratio Lower Upper
112 100
64 65.0 32.8 49.2#
63 34.2 17.0 25.4#





#7
Phenol-d6
Concen: 108.01 ng
RT: 7.452 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP003978.D
Acq: 17 Nov 2020 16:46

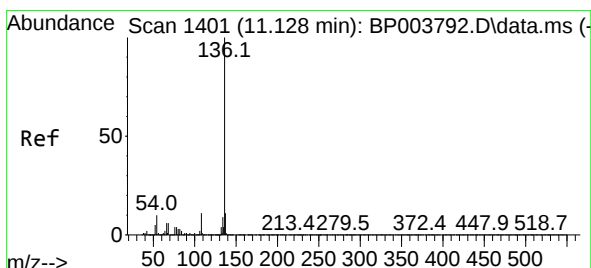
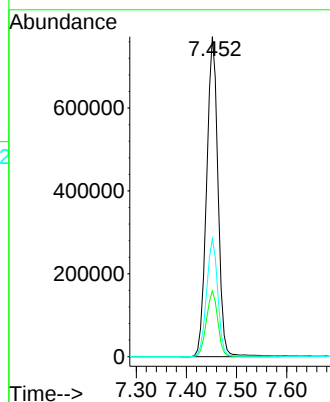
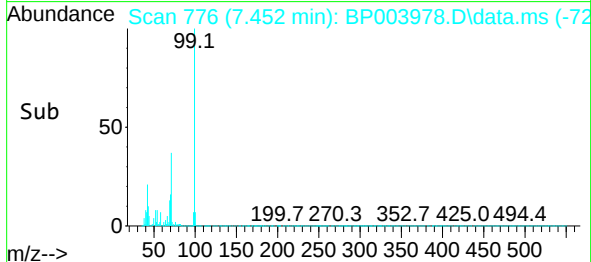
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ClientSampleId :
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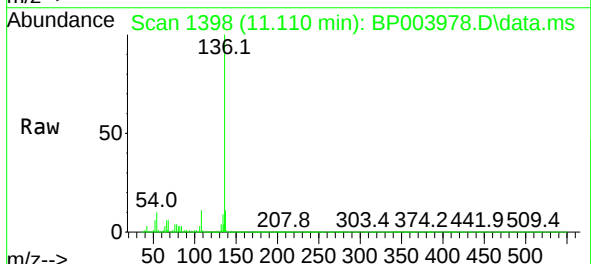
Tgt Ion: 99 Resp: 1221257
Ion Ratio Lower Upper
99 100
42 20.5 8.6 13.0#
71 36.8 23.4 35.2#

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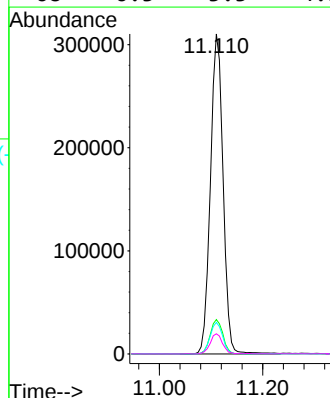
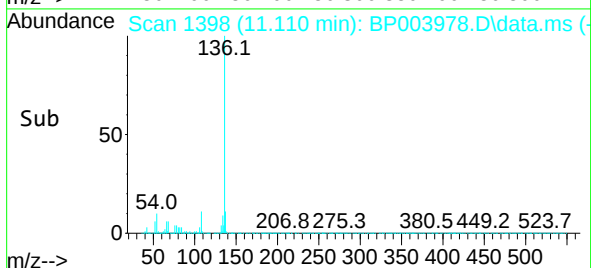
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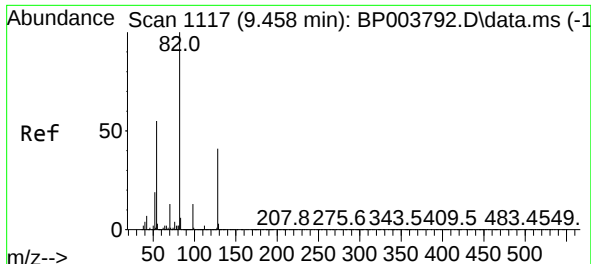


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BP003978.D
Acq: 17 Nov 2020 16:46



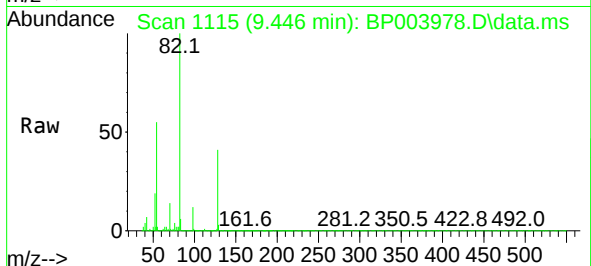
Tgt Ion: 136 Resp: 527534
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.8 3.6 5.4#
68 6.3 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 73.45 ng
RT: 9.446 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BP003978.D
Acq: 17 Nov 2020 16:46

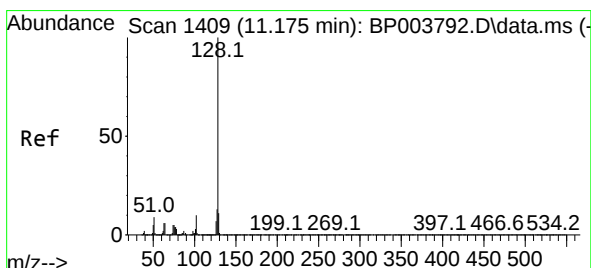
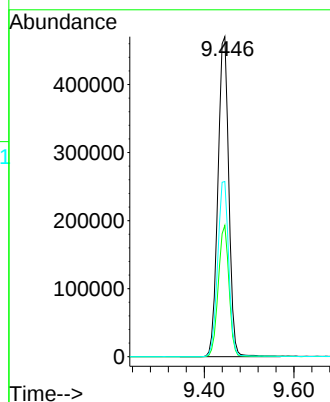
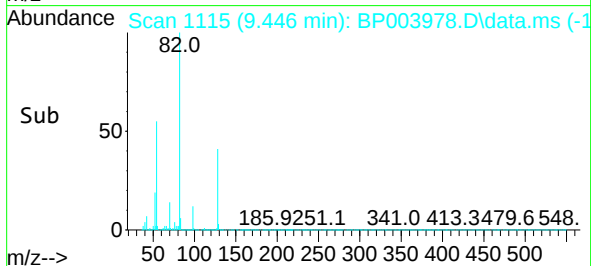
Instrument :
BNA_P
ClientSampleId :
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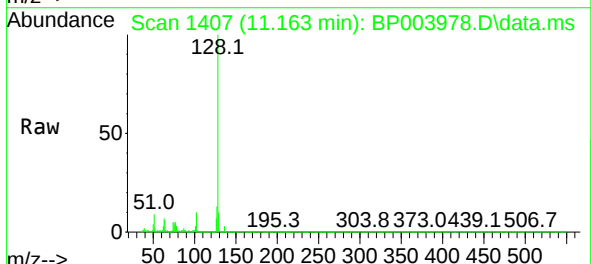
Tgt Ion: 82 Resp: 791180
Ion Ratio Lower Upper
82 100
128 41.0 45.6 68.4#
54 54.7 30.1 45.1#

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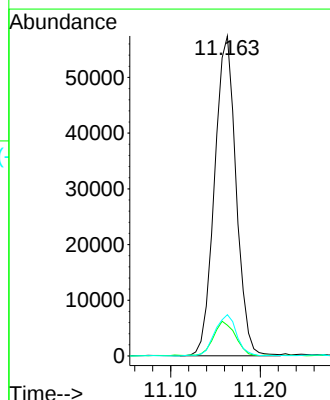
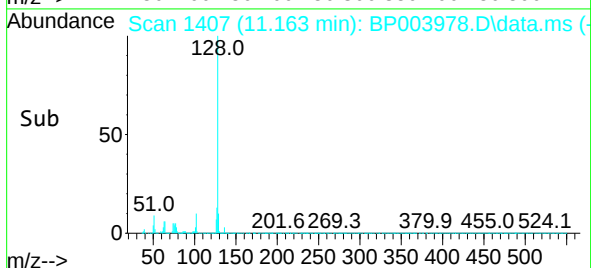
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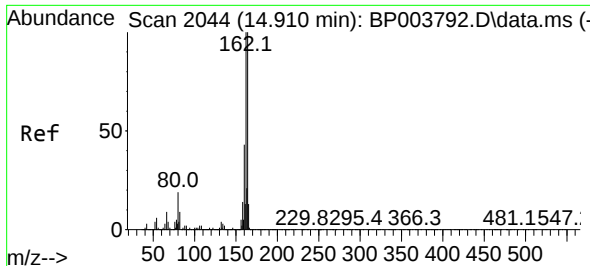


#31
Naphthalene
Concen: 3.38 ng
RT: 11.163 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BP003978.D
Acq: 17 Nov 2020 16:46



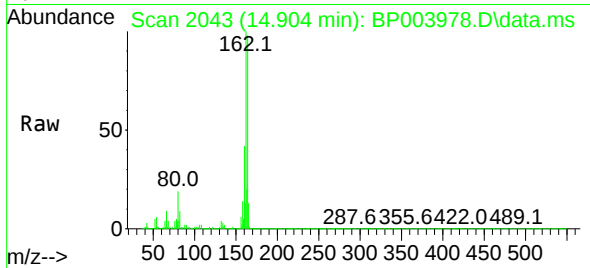
Tgt Ion: 128 Resp: 95776
Ion Ratio Lower Upper
128 100
129 9.6 8.8 13.2
127 12.9 10.6 15.8





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP003978.D
Acq: 17 Nov 2020 16:46

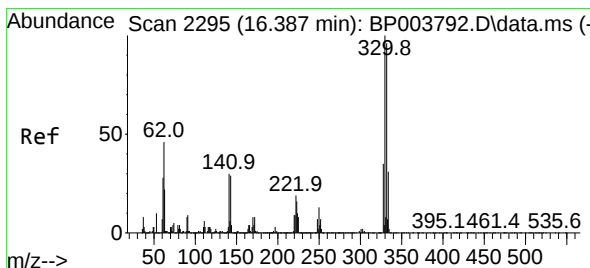
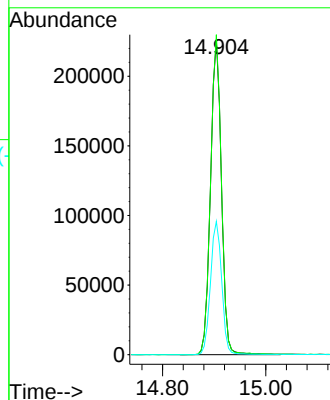
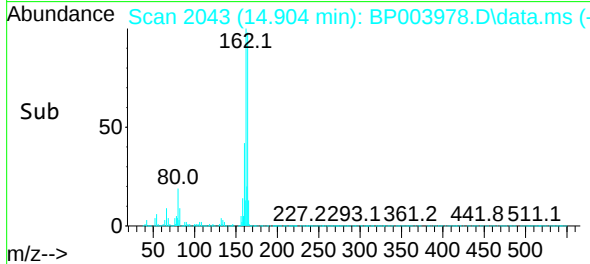
Instrument :
BNA_P
ClientSampleId :
BARNUM-STREET-TEST-PIT-2



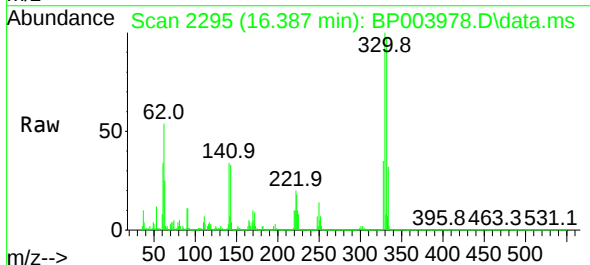
Tgt Ion:164 Resp: 331917
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.2
160 42.3 36.1 54.1

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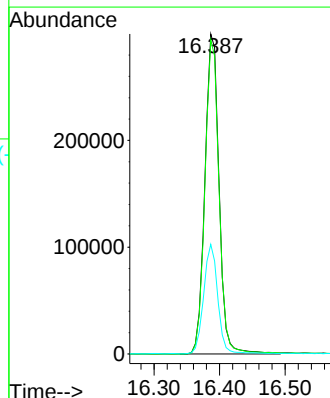
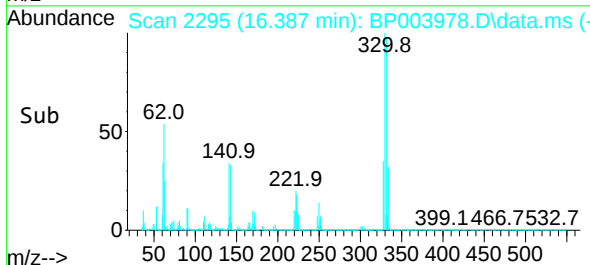
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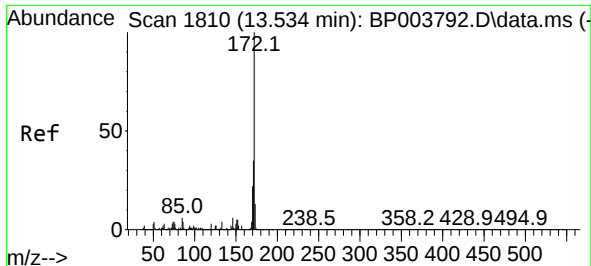


#42
2,4,6-Tribromophenol
Concen: 108.89 ng
RT: 16.387 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP003978.D
Acq: 17 Nov 2020 16:46



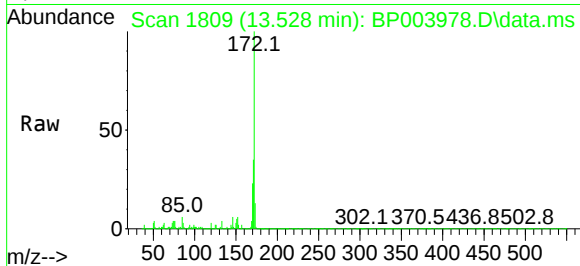
Tgt Ion:330 Resp: 452037
Ion Ratio Lower Upper
330 100
332 97.8 77.1 115.7
141 34.0 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 66.43 ng
RT: 13.528 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BP003978.D
Acq: 17 Nov 2020 16:46

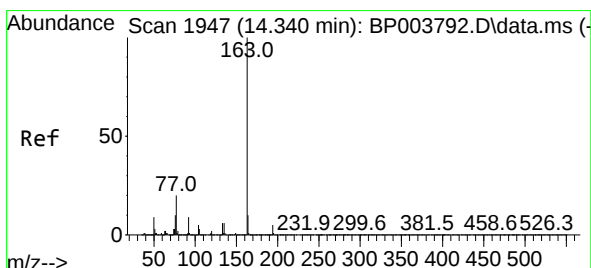
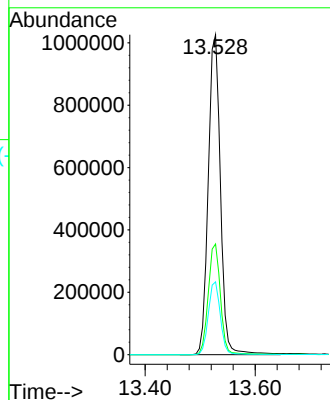
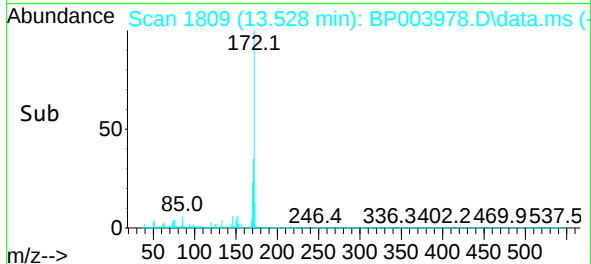
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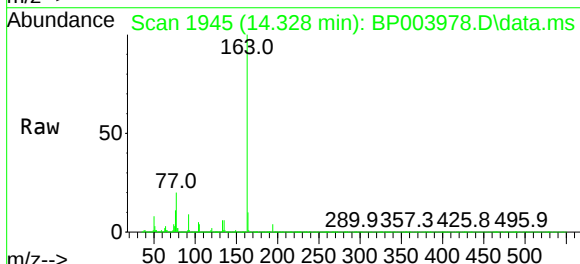
Tgt Ion:172 Resp: 1577215
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 22.8 19.2 28.8

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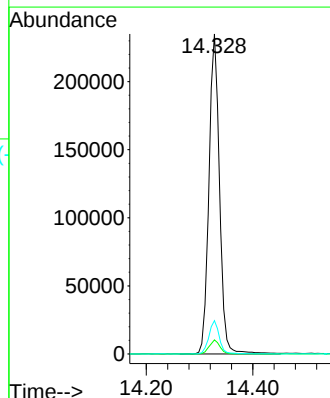
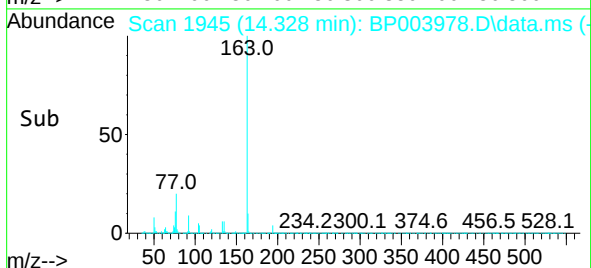
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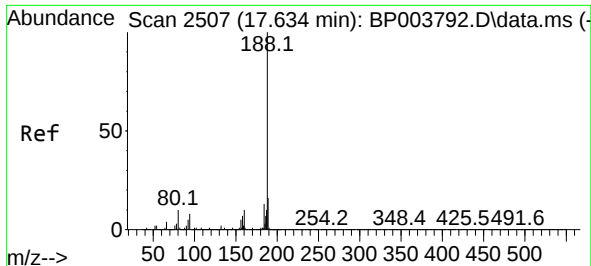


#50
Dimethylphthalate
Concen: 12.50 ng
RT: 14.328 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP003978.D
Acq: 17 Nov 2020 16:46



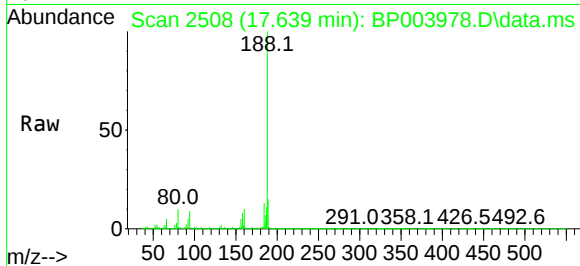
Tgt Ion:163 Resp: 324414
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.4 8.2 12.2





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.639 min Scan# 2508
Delta R.T. 0.000 min
Lab File: BP003978.D
Acq: 17 Nov 2020 16:46

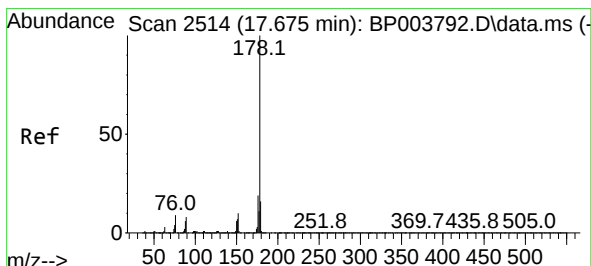
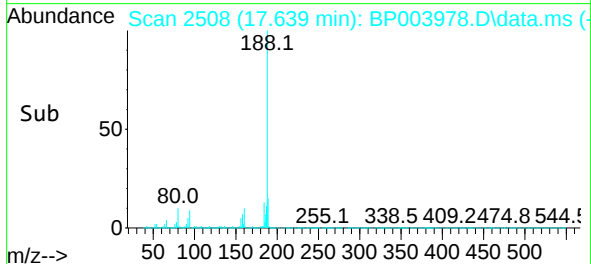
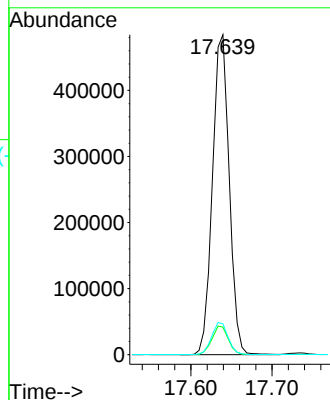
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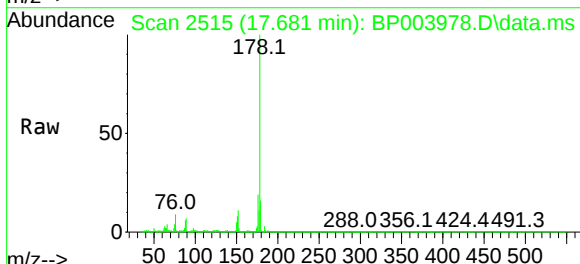
Tgt Ion:188 Resp: 693623
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.2
80 9.6 6.2 9.2#

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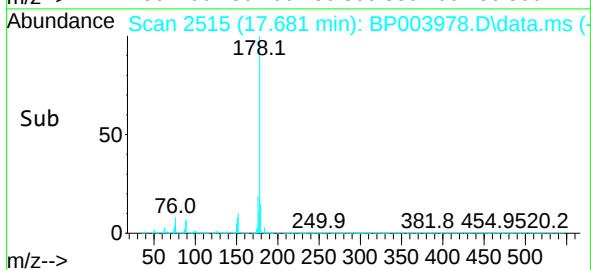
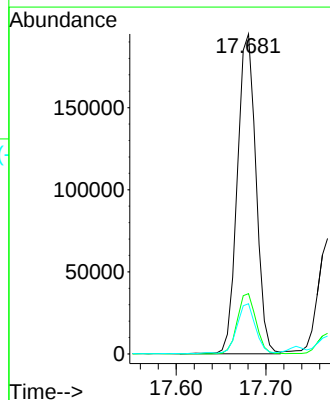
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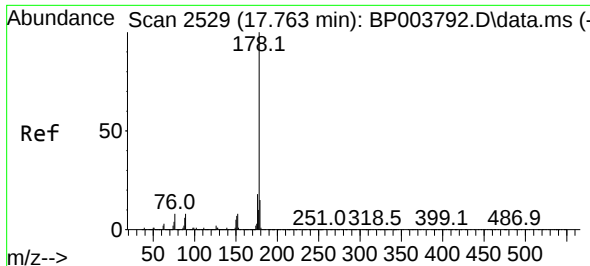


#71
Phenanthrene
Concen: 7.21 ng
RT: 17.681 min Scan# 2515
Delta R.T. 0.000 min
Lab File: BP003978.D
Acq: 17 Nov 2020 16:46



Tgt Ion:178 Resp: 280848
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.7 12.5 18.7





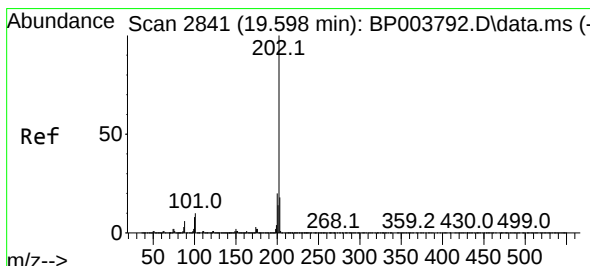
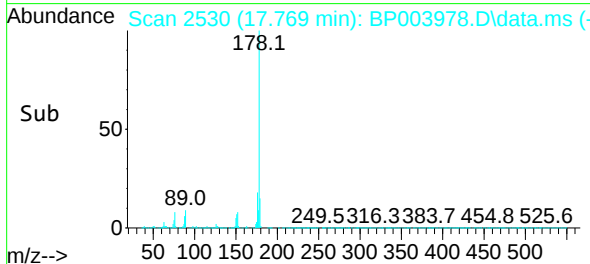
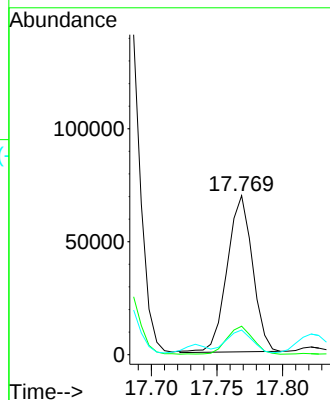
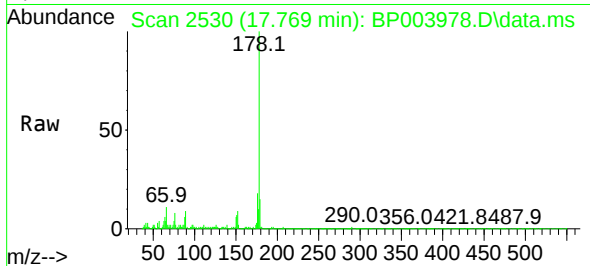
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 Anthracene
 Concen: 2.48 ng
 RT: 17.769 min Scan# 2530
 Delta R.T. 0.000 min
 Lab File: BP003978.D
 Acq: 17 Nov 2020 16:46

Tgt Ion:	178	Resp:	93220
Ion Ratio	Lower	Upper	
178	100		
176	17.9	15.0	22.4
179	15.5	12.5	18.7

Instrument :
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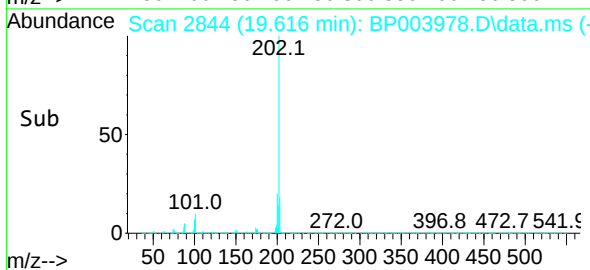
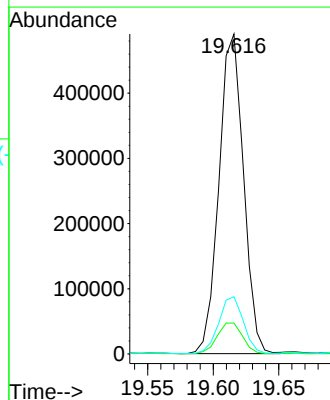
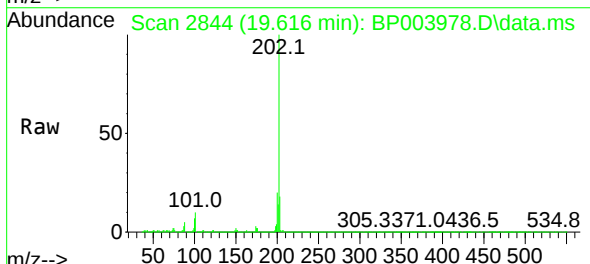
Manual Integrations
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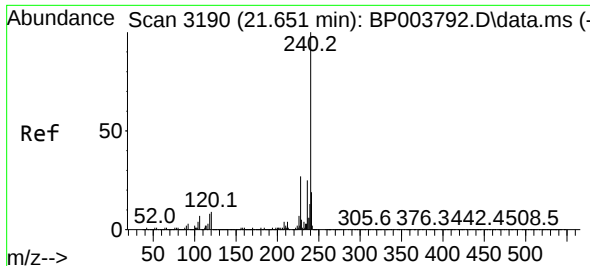
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#75
 Fluoranthene
 Concen: 14.19 ng
 RT: 19.616 min Scan# 2844
 Delta R.T. 0.000 min
 Lab File: BP003978.D
 Acq: 17 Nov 2020 16:46

Tgt Ion:	202	Resp:	637516
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	29.4
203	17.9	0.0	37.8





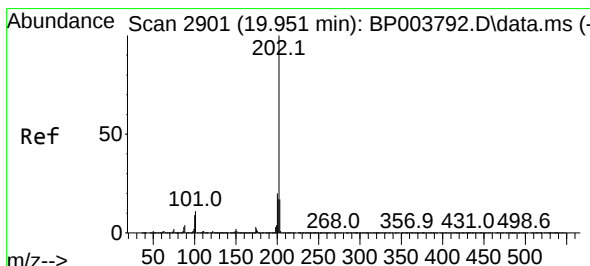
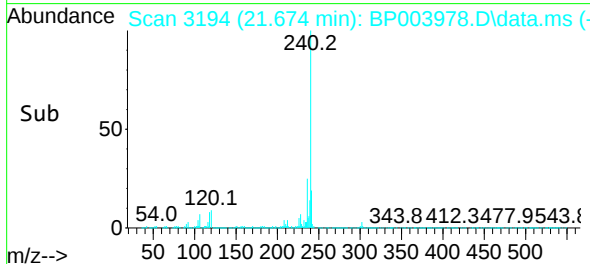
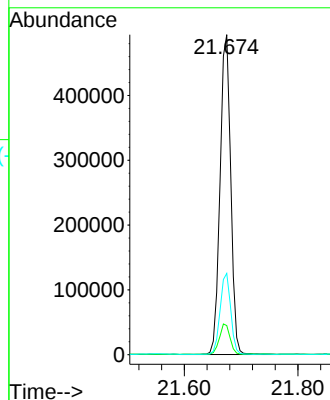
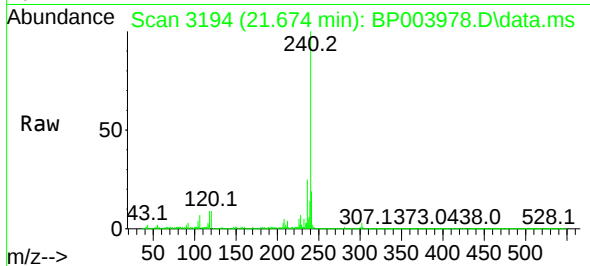
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.674 min Scan# 3194
Delta R.T. 0.000 min
Lab File: BP003978.D
Acq: 17 Nov 2020 16:46

Tgt Ion:240 Resp: 643152
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 25.4 20.8 31.2

Instrument :
BNA_P
ClientSampleId :
BARNUM-STREET-TEST-PIT-2

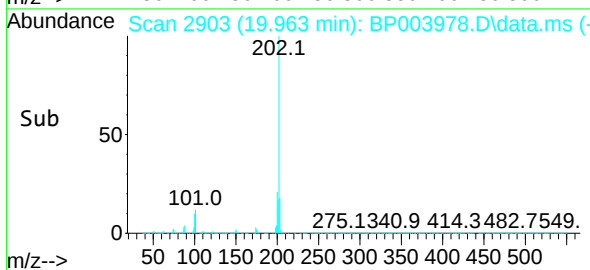
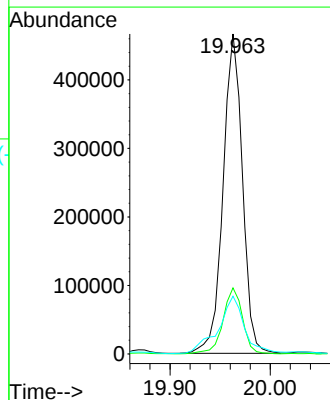
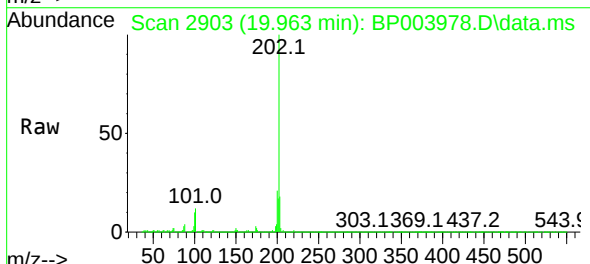
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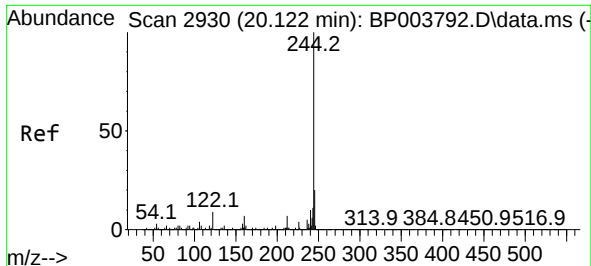
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#78
Pyrene
Concen: 14.32 ng
RT: 19.963 min Scan# 2903
Delta R.T. 0.000 min
Lab File: BP003978.D
Acq: 17 Nov 2020 16:46

Tgt Ion:202 Resp: 624842
Ion Ratio Lower Upper
202 100
200 20.7 17.1 25.7
203 18.1 14.2 21.2





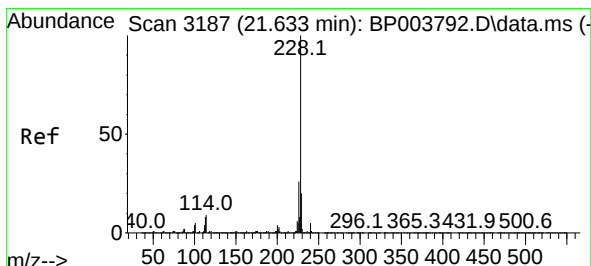
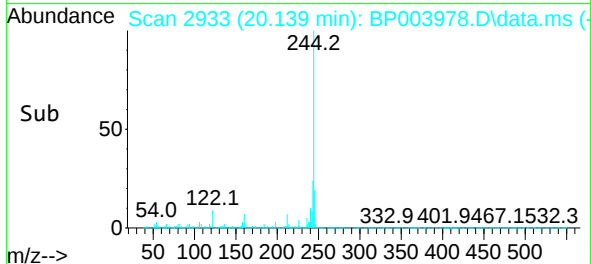
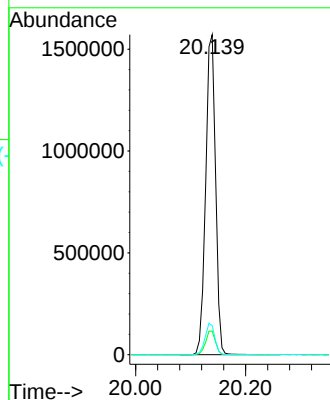
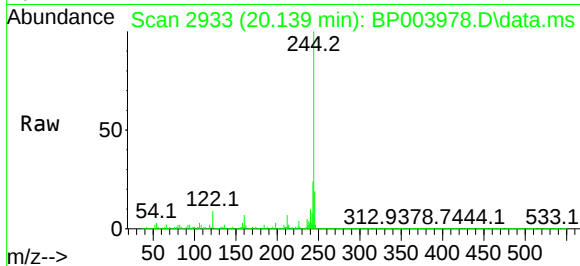
#79
 Terphenyl-d14
 Concen: 58.63 ng
 RT: 20.139 min Scan# 2933
 Delta R.T. 0.006 min
 Lab File: BP003978.D
 Acq: 17 Nov 2020 16:46

Tgt Ion:244 Resp: 1951719
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 9.0 7.8 11.8

Instrument :
 BNA_P
 ClientSampleId :
 BARNUM-STREET-TEST-PIT-2

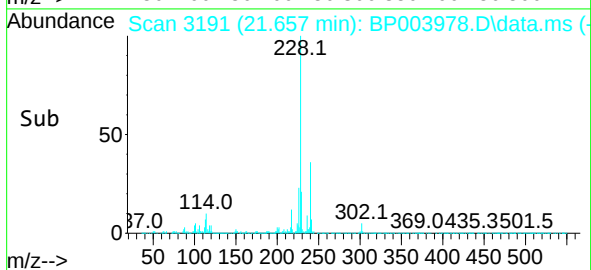
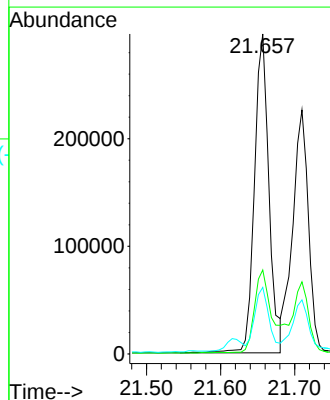
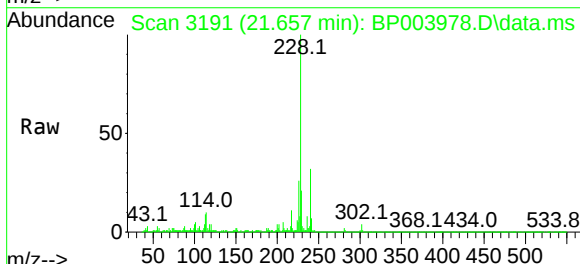
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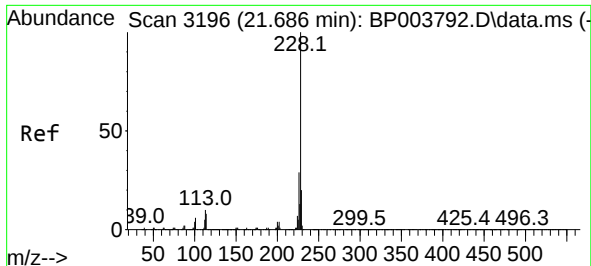
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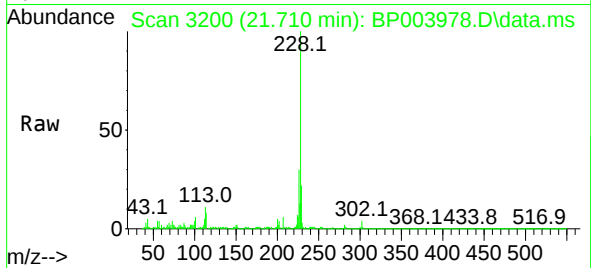
#81
 Benzo(a)anthracene
 Concen: 9.54 ng
 RT: 21.657 min Scan# 3191
 Delta R.T. 0.000 min
 Lab File: BP003978.D
 Acq: 17 Nov 2020 16:46

Tgt Ion:228 Resp: 404590
 Ion Ratio Lower Upper
 228 100
 226 26.3 22.1 33.1
 229 20.8 15.9 23.9

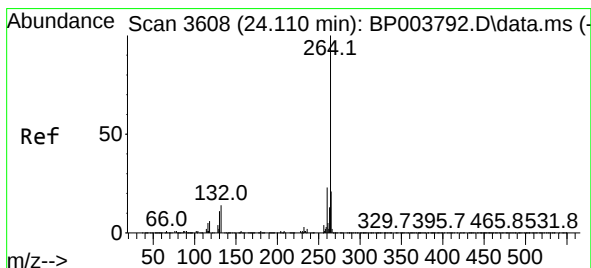
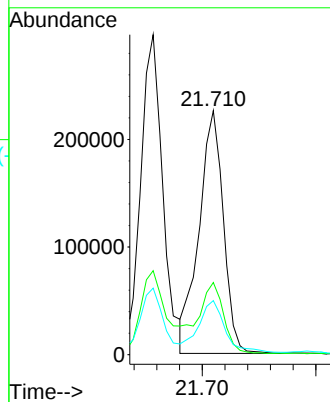
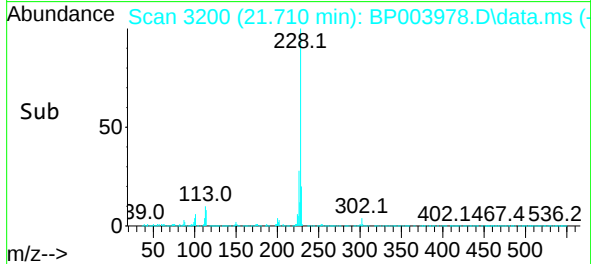




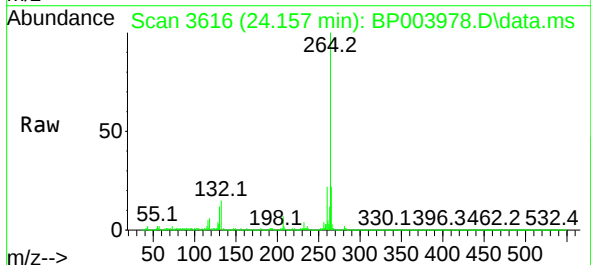
#83
Chrysene
Concen: 8.26 ng
RT: 21.710 min Scan# 3200
Delta R.T. -0.006 min
Lab File: BP003978.D
Acq: 17 Nov 2020 16:46



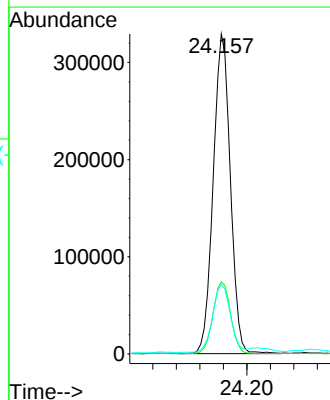
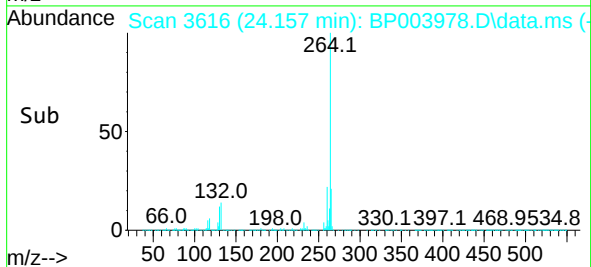
Tgt Ion:228 Resp: 336425
Ion Ratio Lower Upper
228 100
226 29.6 24.4 36.6
229 22.2 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.157 min Scan# 3616
Delta R.T. 0.000 min
Lab File: BP003978.D
Acq: 17 Nov 2020 16:46



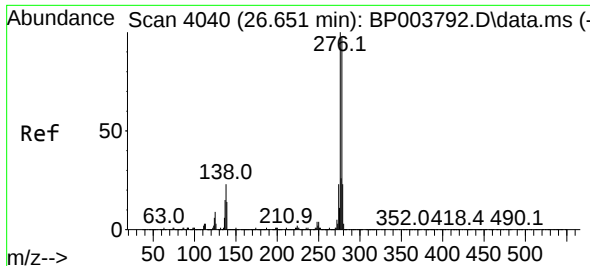
Tgt Ion:264 Resp: 664284
Ion Ratio Lower Upper
264 100
260 22.5 18.8 28.2
265 21.8 17.4 26.2



Instrument :
BNA_P
ClientSampleId :
BARNUM-STREET-TEST-PIT-2

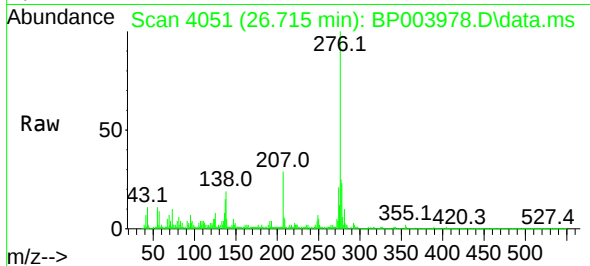
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.60 ng
RT: 26.715 min Scan# 4051
Delta R.T. -0.012 min
Lab File: BP003978.D
Acq: 17 Nov 2020 16:46

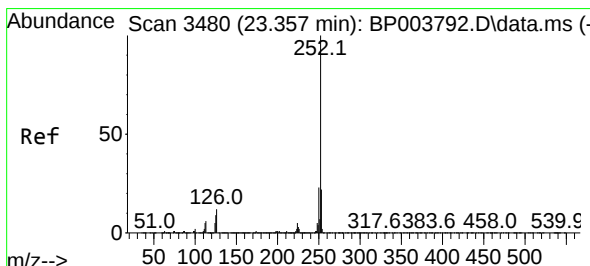
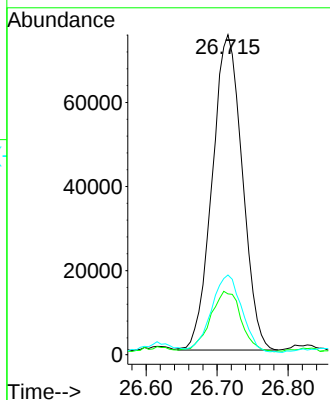
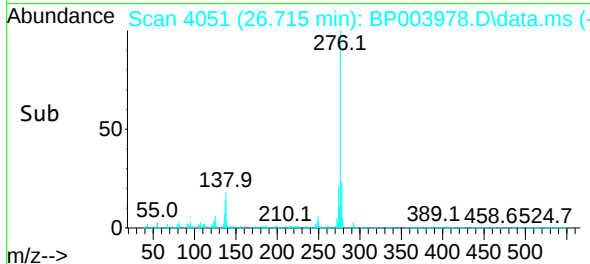
Instrument :
BNA_P
ClientSampleId :
BARNUM-STREET-TEST-PIT-2



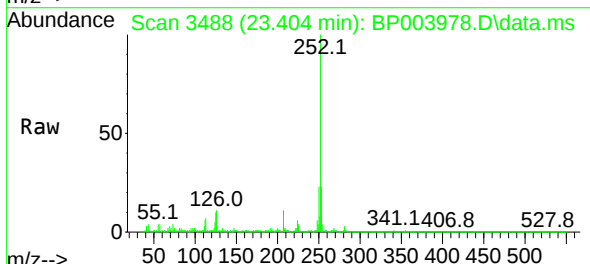
Tgt Ion: 276 Resp: 220257
Ion Ratio Lower Upper
276 100
138 20.1 18.7 28.1
277 25.1 20.4 30.6

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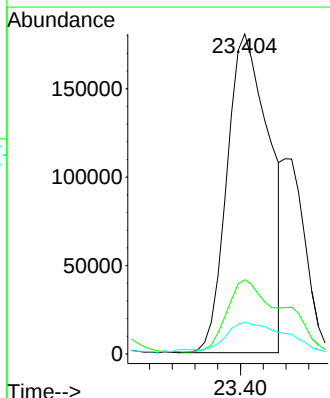
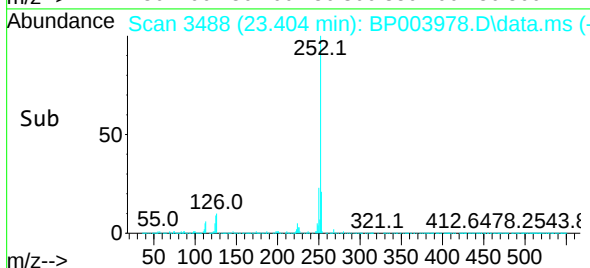
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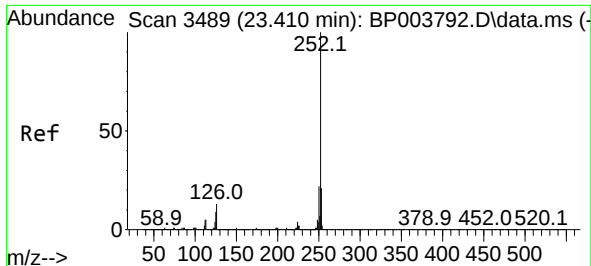


#88
Benzo(b)fluoranthene
Concen: 10.64 ng m
RT: 23.404 min Scan# 3488
Delta R.T. 0.000 min
Lab File: BP003978.D
Acq: 17 Nov 2020 16:46



Tgt Ion: 252 Resp: 462730
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 10.0 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 3.52 ng m

RT: 23.439 min Scan# 3494

Delta R.T. -0.012 min

Lab File: BP003978.D

Acq: 17 Nov 2020 16:46

Tgt Ion:	252	Resp:	151240
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.8	26.8
125	10.5	7.4	11.2

Instrument :

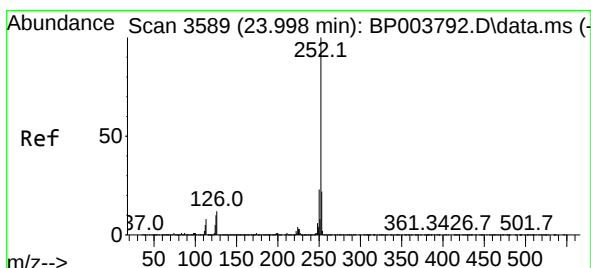
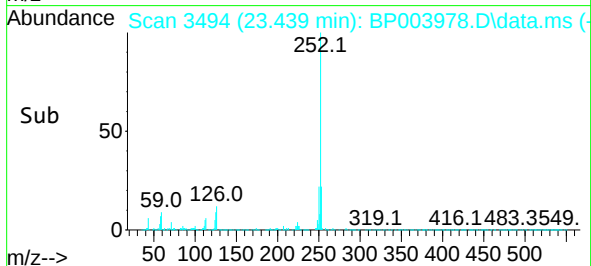
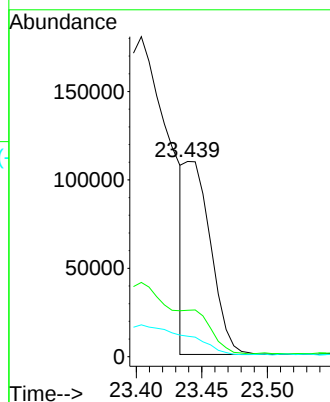
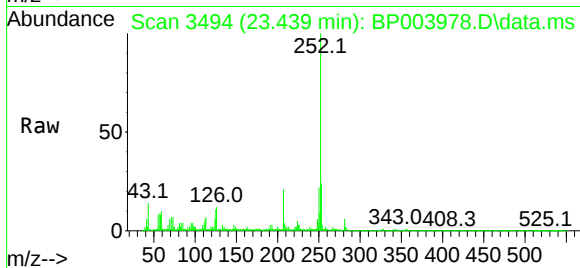
BNA_P

ClientSampleId :

BARNUM-STREET-TEST-PIT-2

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 9.27 ng

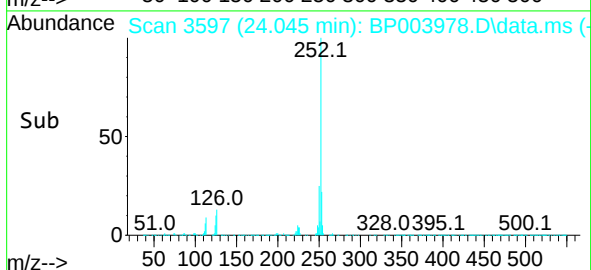
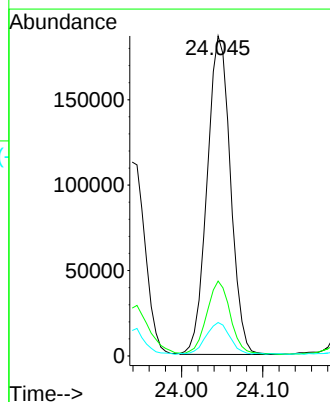
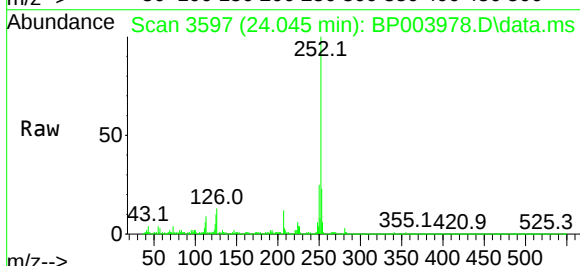
RT: 24.045 min Scan# 3597

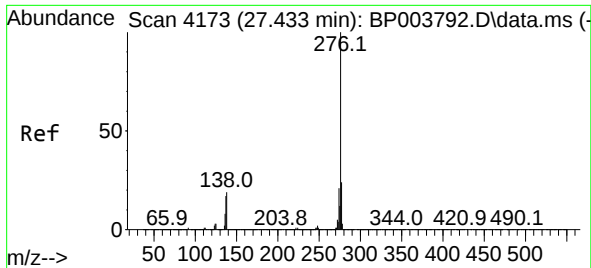
Delta R.T. -0.006 min

Lab File: BP003978.D

Acq: 17 Nov 2020 16:46

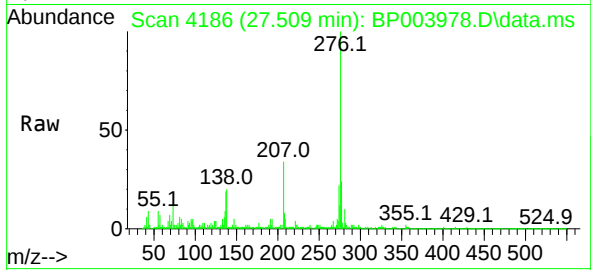
Tgt Ion:	252	Resp:	372849
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.4	26.0
125	10.4	8.2	12.4





#92
Benzo(g,h,i)perylene
Concen: 5.40 ng
RT: 27.509 min Scan# 4186
Delta R.T. -0.012 min
Lab File: BP003978.D
Acq: 17 Nov 2020 16:46

Instrument :
BNA_P
ClientSampleId :
BARNUM-STREET-TEST-PIT-2



Tgt Ion: 276 Resp: 208916
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.6
138 19.6 16.6 24.8

Manual Integrations
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