

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110620\
 Data File : BP003836.D
 Acq On : 06 Nov 2020 12:30
 Operator : CG/JU
 Sample : L4521-04DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 06 13:27:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 06 11:33:14 2020
 Response via : Initial Calibration

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

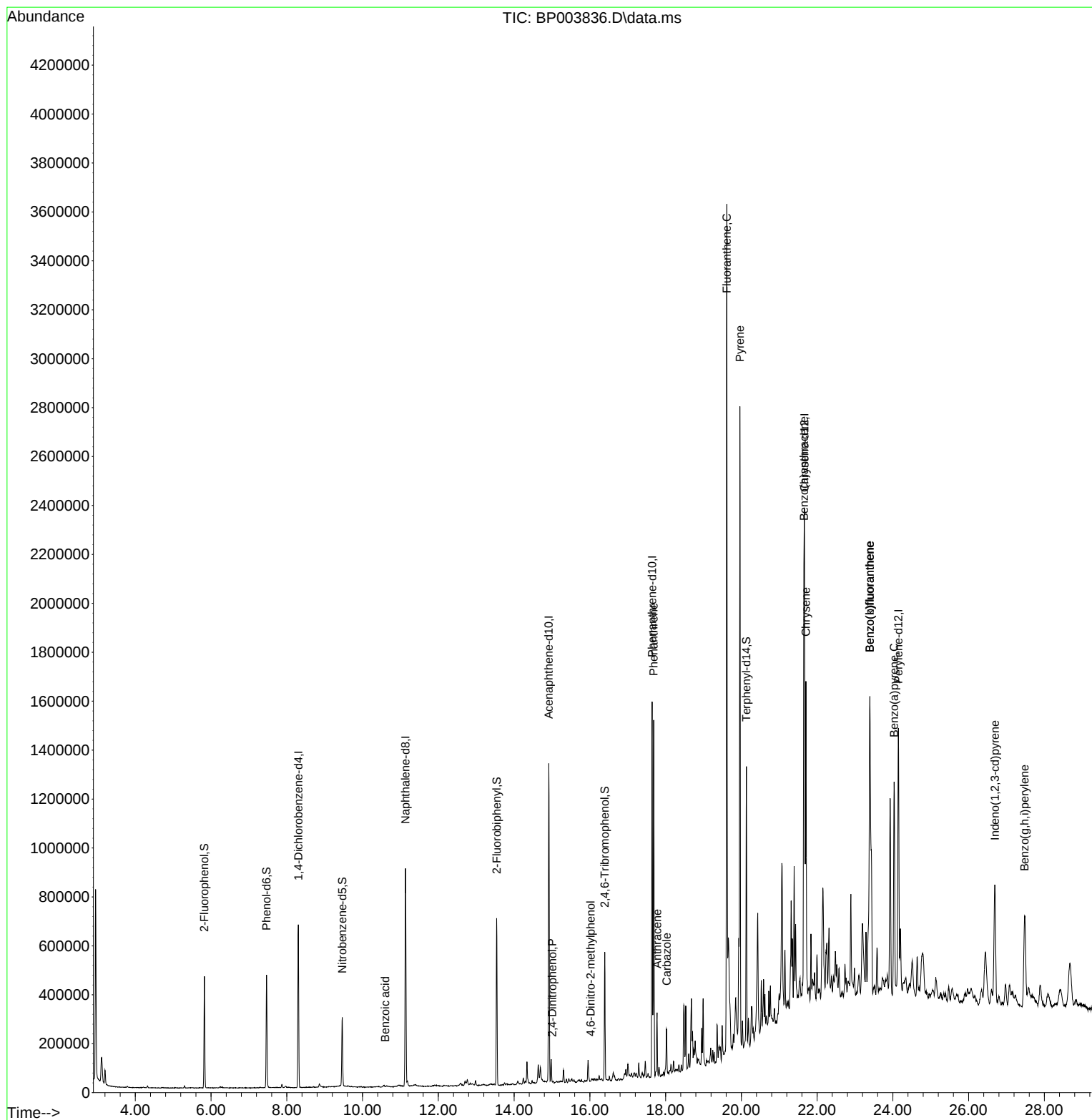
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	176873	20.00	ng	0.00
21) Naphthalene-d8	11.134	136	708828	20.00	ng	# 0.00
39) Acenaphthene-d10	14.916	164	438687	20.00	ng	0.00
64) Phenanthrene-d10	17.645	188	906883	20.00	ng	0.00
76) Chrysene-d12	21.669	240	818144	20.00	ng	0.00
86) Perylene-d12	24.145	264	843797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	189443	17.88	ng	0.00
7) Phenol-d6	7.463	99	248802	16.35	ng	0.00
23) Nitrobenzene-d5	9.463	82	157464	10.88	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	92557	16.87	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	343699	10.95	ng	0.00
79) Terphenyl-d14	20.133	244	416607	9.84	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.405	77	391	Below Cal	#	55
32) Benzoic acid	10.599	122	534	8.37	ng	86
54) 2,4-Dinitrophenol	15.004	184	63	2.76	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.022	198	14	6.34	ng	# 1
71) Phenanthrene	17.686	178	843882	16.58	ng	99
72) Anthracene	17.775	178	154101	3.13	ng	98
73) Carbazole	18.028	167	117327	2.57	ng	98
75) Fluoranthene	19.616	202	1885025	32.10	ng	99
78) Pyrene	19.963	202	1571147	28.30	ng	98
81) Benzo(a)anthracene	21.651	228	738584	13.69	ng	98
83) Chrysene	21.704	228	775302	14.96	ng	96
87) Indeno(1,2,3-cd)pyrene	26.692	276	511382	8.40	ng	# 94
88) Benzo(b)fluoranthene	23.392	252	1368936	24.79	ng	99
89) Benzo(k)fluoranthene	23.392	252	1369112	25.11	ng	100
90) Benzo(a)pyrene	24.033	252	692867	13.55	ng	98
92) Benzo(g,h,i)perylene	27.480	276	511513	10.42	ng	98

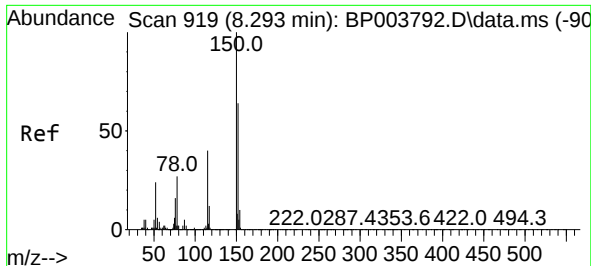
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110620\
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :

Quant Time: Nov 06 13:27:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 11:33:14 2020
Response via : Initial Calibration

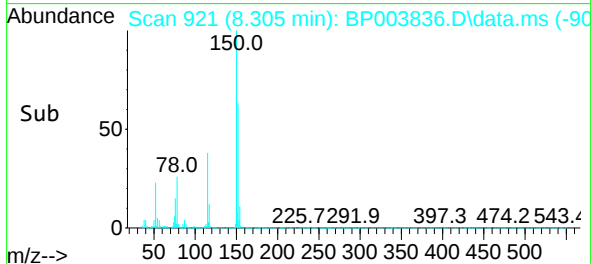
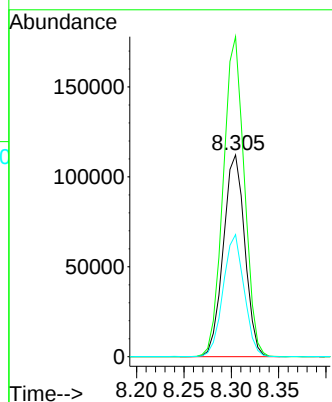
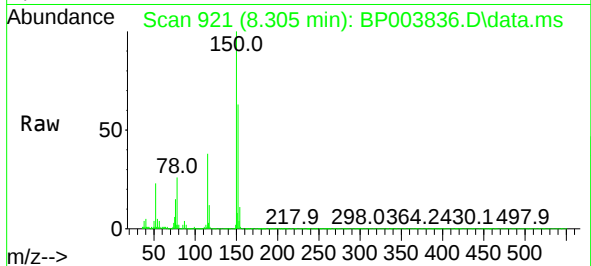




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.305 min Scan# 921
Delta R.T. -0.000 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

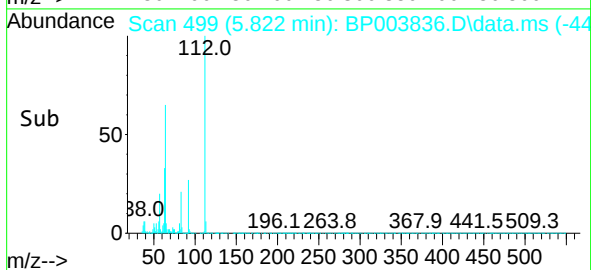
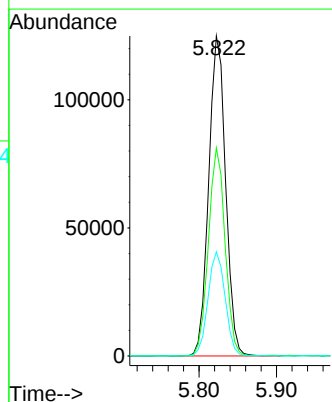
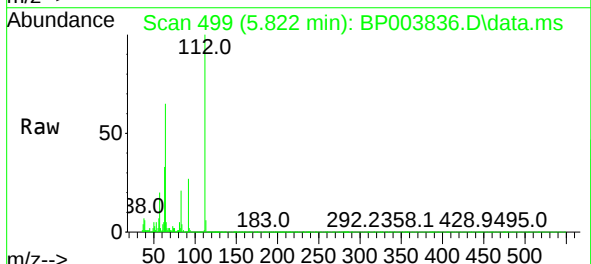
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 176873
Ion Ratio Lower Upper
152 100
150 158.6 123.8 185.6
115 60.5 43.8 65.6



#5
2-Fluorophenol
Concen: 17.88 ng
RT: 5.822 min Scan# 499
Delta R.T. -0.000 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

Tgt Ion:112 Resp: 189443
Ion Ratio Lower Upper
112 100
64 65.0 32.8 49.2#
63 32.5 17.0 25.4#

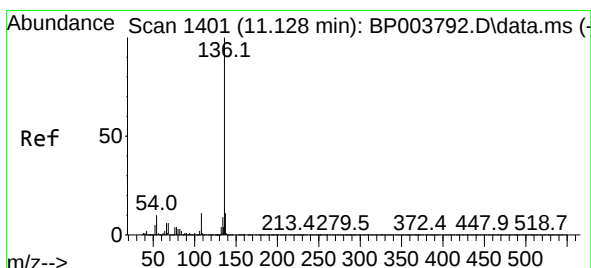
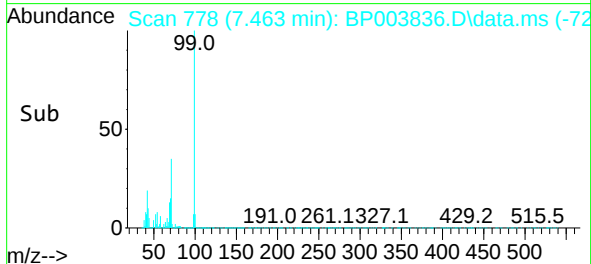
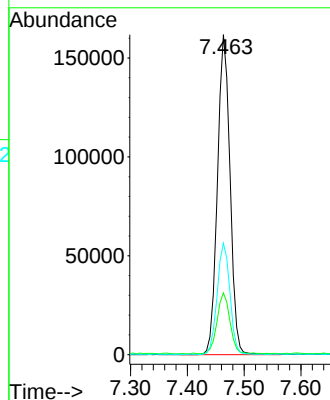
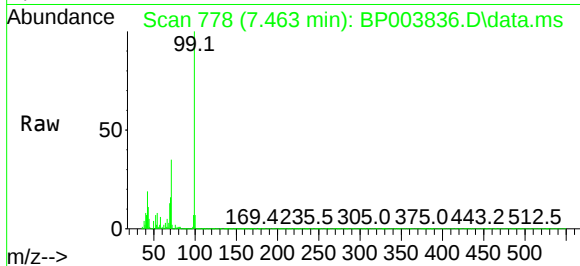




#7
Phenol-d6
Concen: 16.35 ng
RT: 7.463 min Scan# 778
Delta R.T. -0.006 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

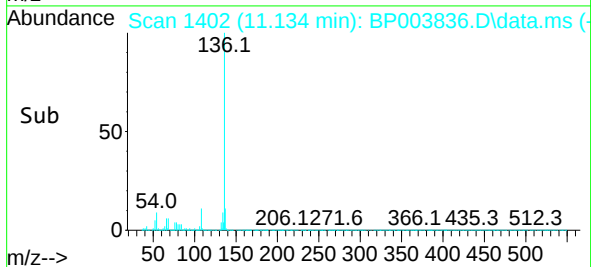
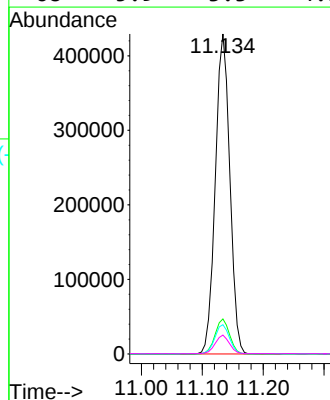
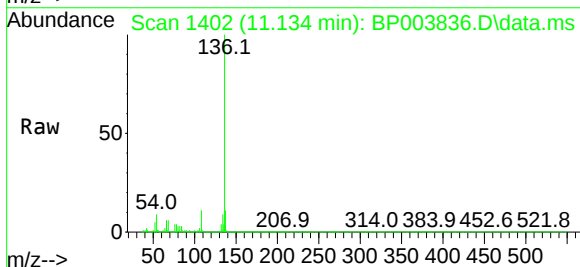
Instrument :
BNA_G
ClientSampleId :

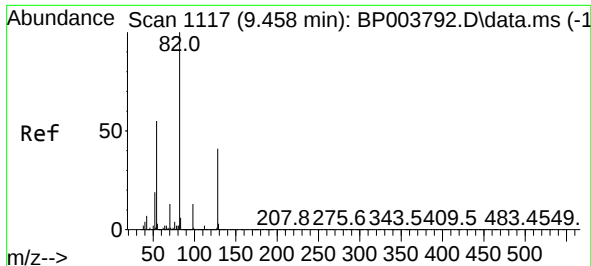
Tgt Ion: 99 Resp: 248802
Ion Ratio Lower Upper
99 100
42 19.3 8.6 13.0#
71 34.9 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.134 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

Tgt Ion:136 Resp: 708828
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.2 3.6 5.4#
68 5.9 3.3 4.9#

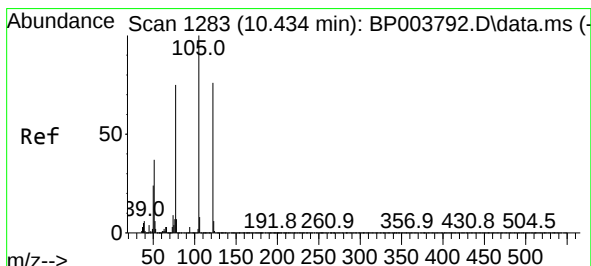
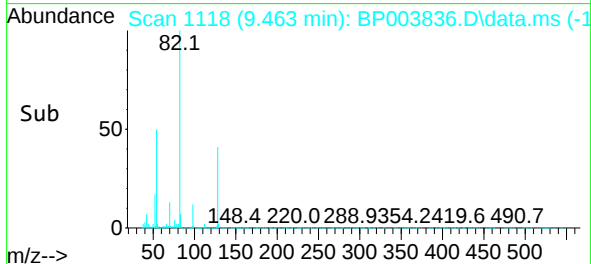
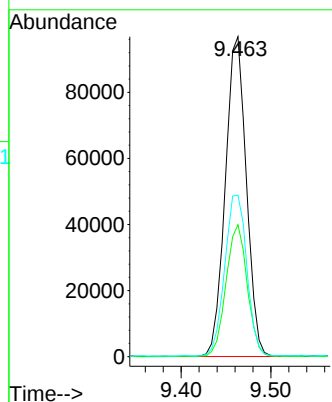
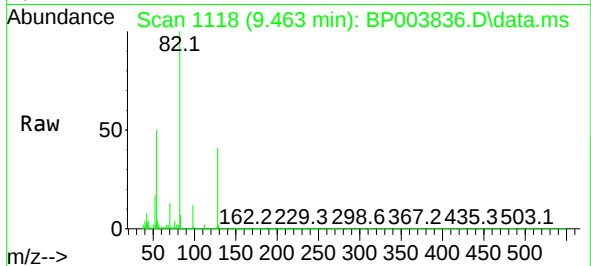




#23
Nitrobenzene-d5
Concen: 10.88 ng
RT: 9.463 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

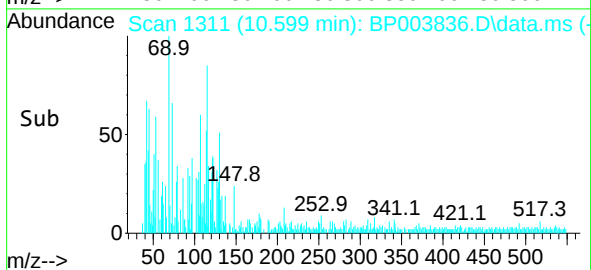
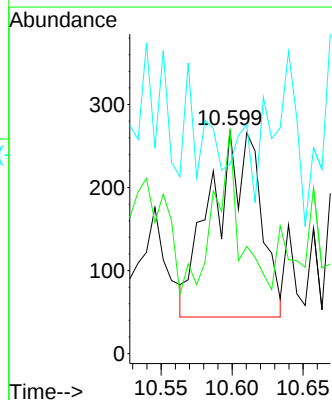
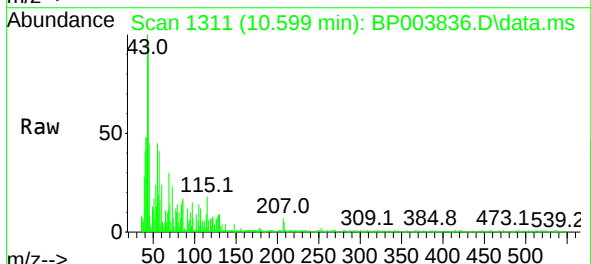
Instrument :
BNA_G
ClientSampleId :

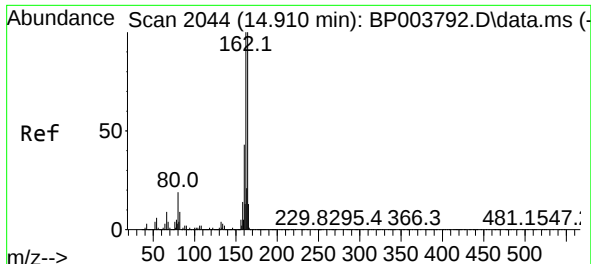
Tgt Ion: 82 Resp: 157464
Ion Ratio Lower Upper
82 100
128 41.2 45.6 68.4#
54 50.5 30.1 45.1#



#32
Benzoic acid
Concen: 8.37 ng
RT: 10.599 min Scan# 1311
Delta R.T. 0.147 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

Tgt Ion: 122 Resp: 534
Ion Ratio Lower Upper
122 100
105 100.7 94.1 134.1
77 84.8 50.1 90.1

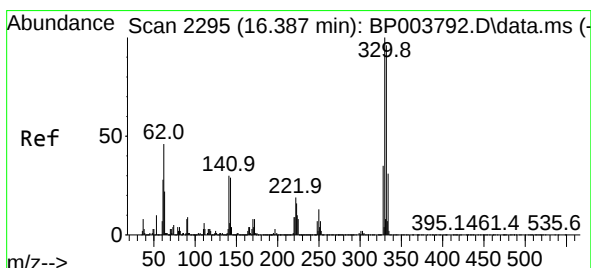
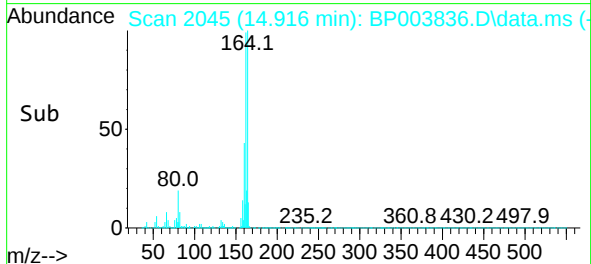
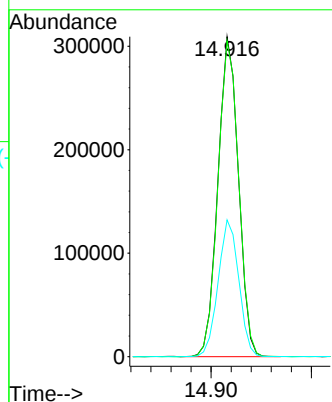
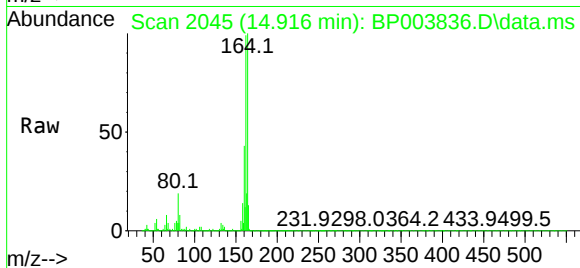




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.916 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

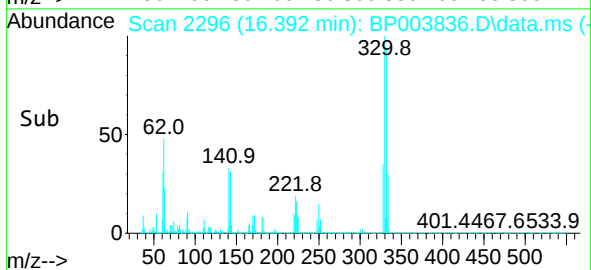
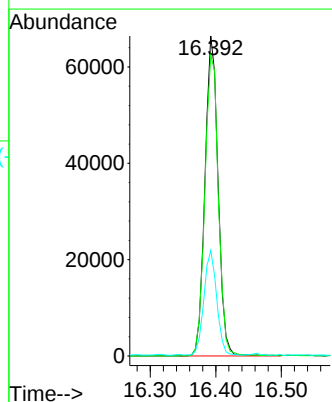
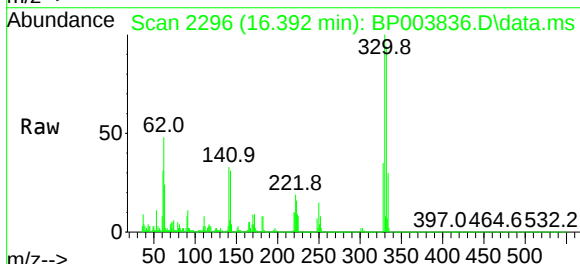
Instrument :
BNA_G
ClientSampleId :

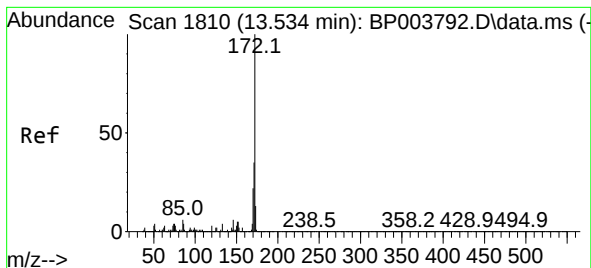
Tgt Ion:164 Resp: 438687
Ion Ratio Lower Upper
164 100
162 98.7 79.4 119.2
160 42.8 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 16.87 ng
RT: 16.392 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

Tgt Ion:330 Resp: 92557
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 31.8 23.4 35.2

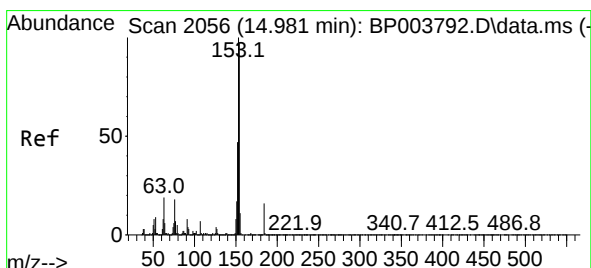
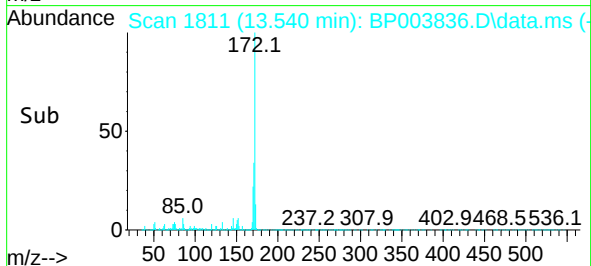
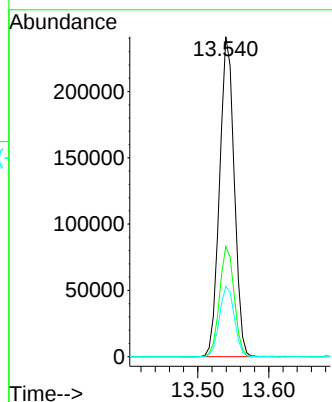
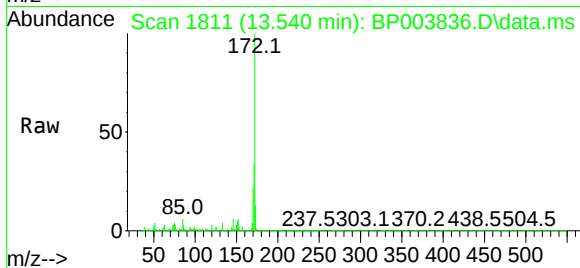




#45
2-Fluorobiphenyl
Concen: 10.95 ng
RT: 13.540 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

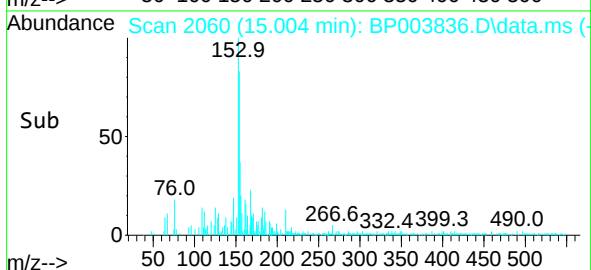
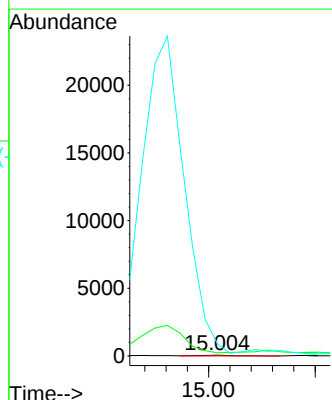
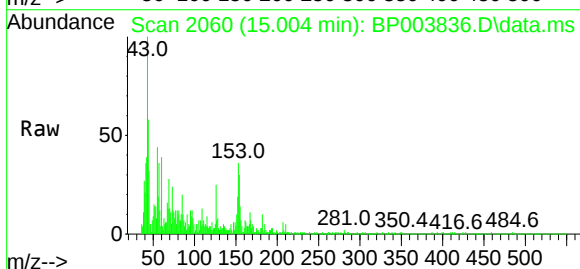
Instrument :
BNA_G
ClientSampleId :

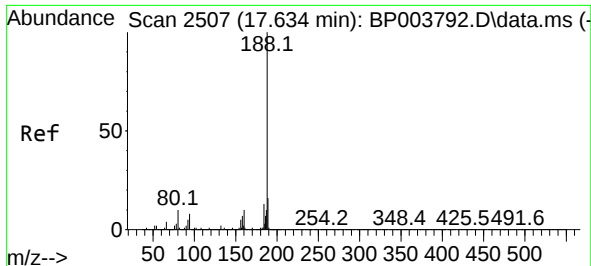
Tgt Ion:172 Resp: 343699
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 22.0 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 2.76 ng
RT: 15.004 min Scan# 2060
Delta R.T. 0.006 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

Tgt Ion:184 Resp: 63
Ion Ratio Lower Upper
184 100
63 383.9 32.3 48.5#
154 1427.4 49.1 73.7#

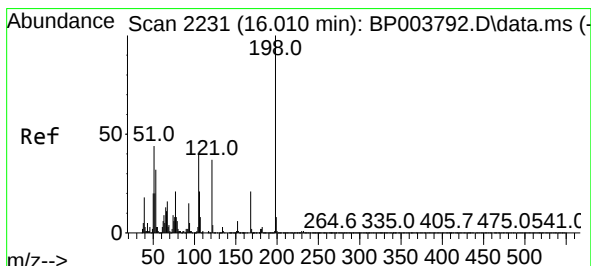
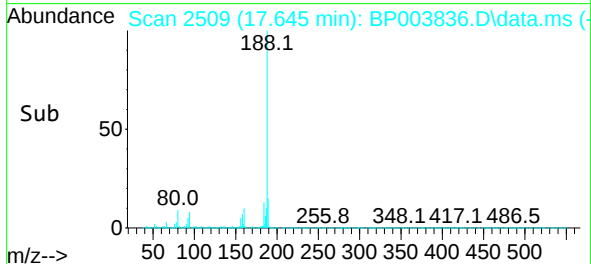
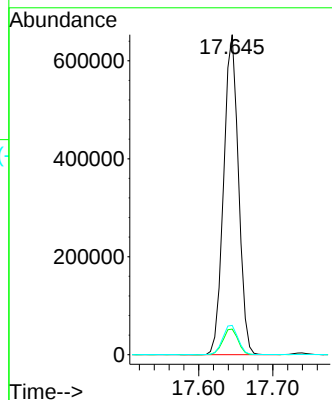
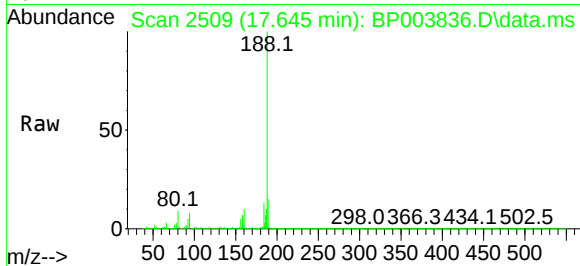




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.645 min Scan# 2509
Delta R.T. -0.000 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

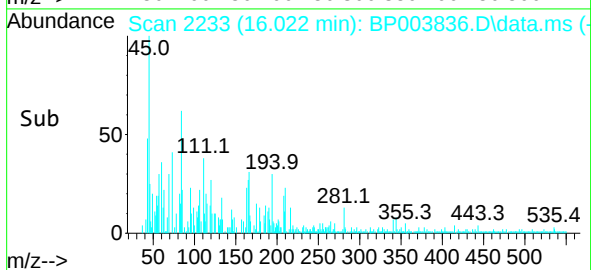
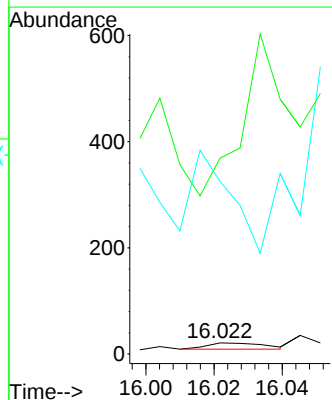
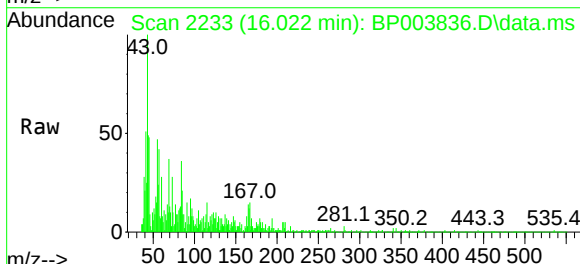
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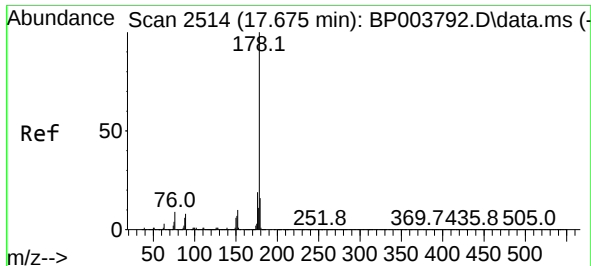
Tgt Ion:188 Resp: 906883
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.2
80 9.2 6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.34 ng
RT: 16.022 min Scan# 2233
Delta R.T. -0.000 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 1757.1 6.4 46.4#
105 1547.6 18.9 58.9#

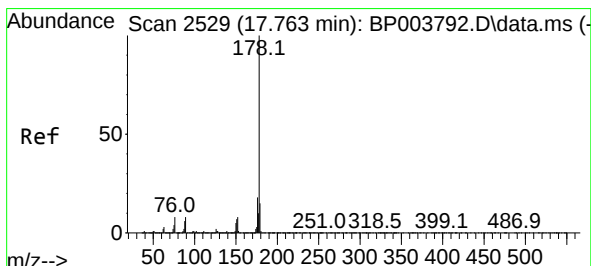
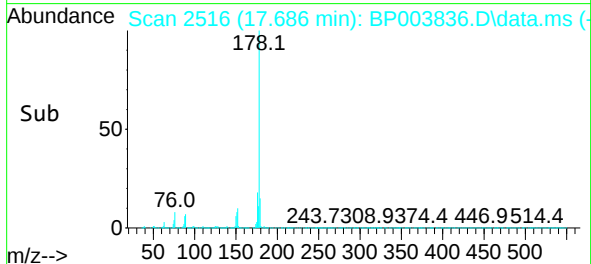
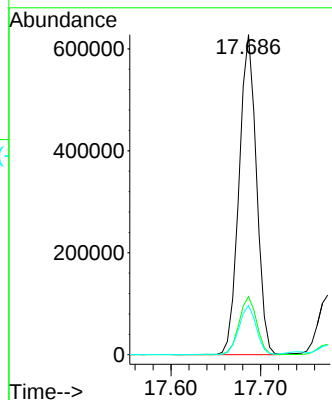
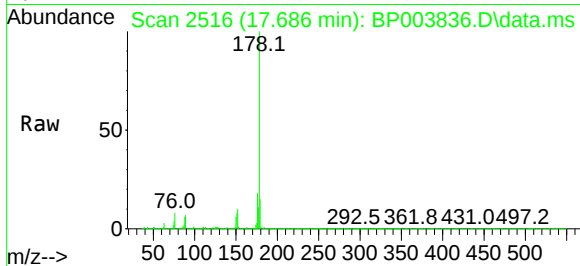




#71
Phenanthrene
Concen: 16.58 ng
RT: 17.686 min Scan# 2516
Delta R.T. -0.000 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

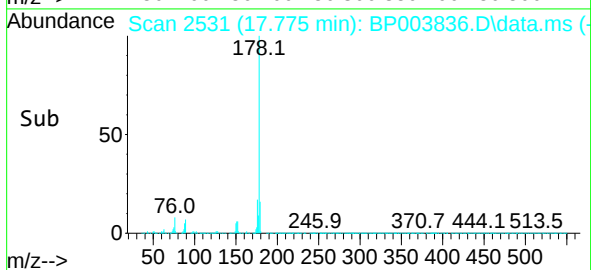
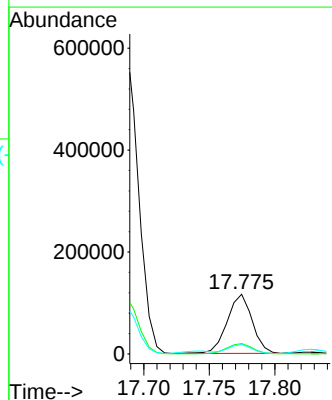
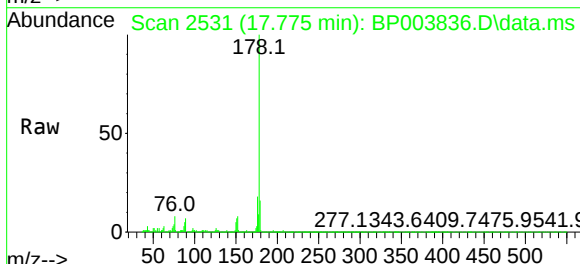
Instrument :
BNA_G
ClientSampleId :

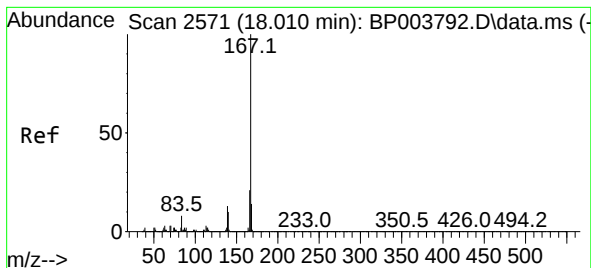
Tgt Ion:178 Resp: 843882
Ion Ratio Lower Upper
178 100
176 18.1 15.3 22.9
179 15.4 12.5 18.7



#72
Anthracene
Concen: 3.13 ng
RT: 17.775 min Scan# 2531
Delta R.T. -0.000 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

Tgt Ion:178 Resp: 154101
Ion Ratio Lower Upper
178 100
176 17.6 15.0 22.4
179 15.9 12.5 18.7





#73

Carbazole

Concen: 2.57 ng

RT: 18.028 min Scan# 2574

Delta R.T. -0.000 min

Lab File: BP003836.D

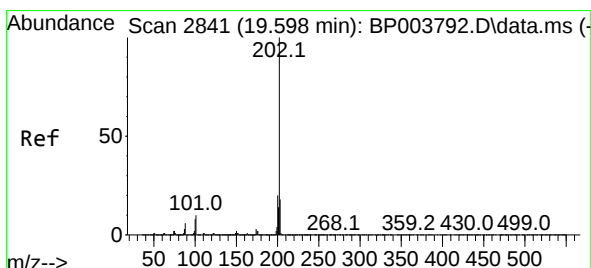
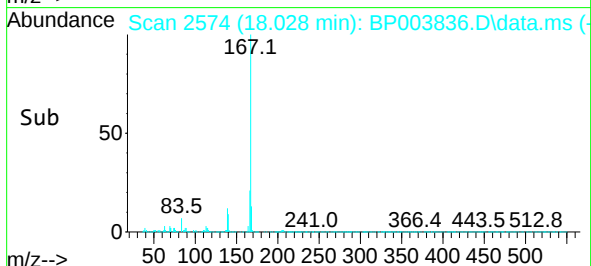
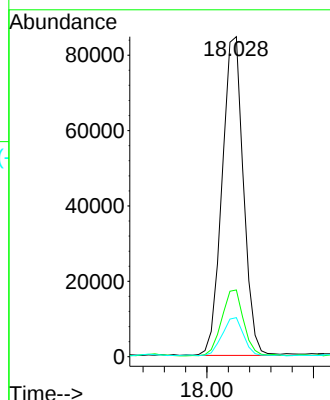
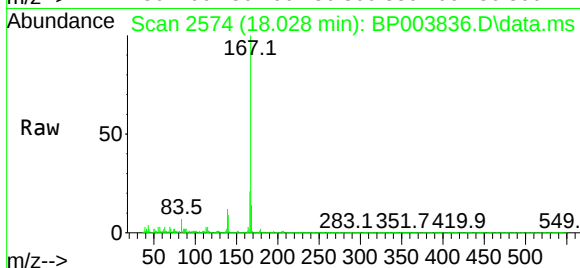
Acq: 06 Nov 2020 12:30

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:167	Resp: 117327
Ion Ratio	Lower Upper
167 100	
166 20.9	17.6 26.4
139 12.2	10.2 15.4



#75

Fluoranthene

Concen: 32.10 ng

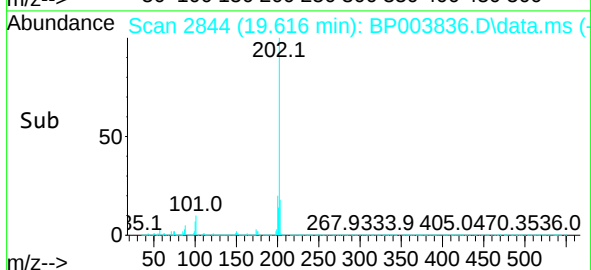
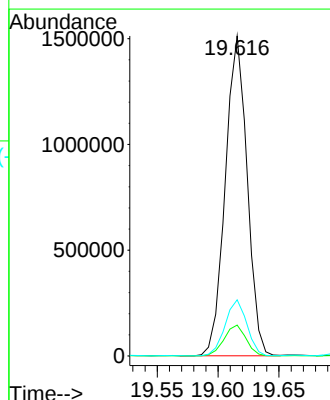
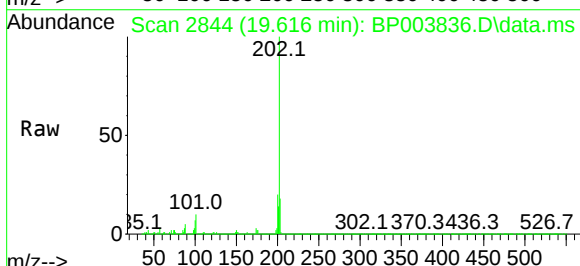
RT: 19.616 min Scan# 2844

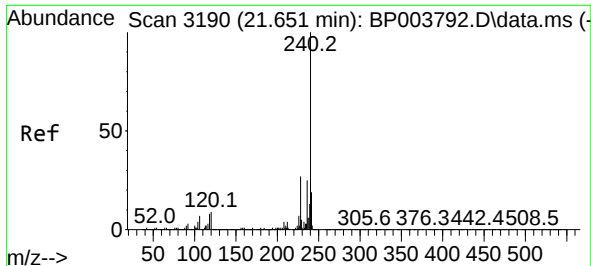
Delta R.T. -0.000 min

Lab File: BP003836.D

Acq: 06 Nov 2020 12:30

Tgt Ion:202	Resp: 1885025
Ion Ratio	Lower Upper
202 100	
101 9.6	0.0 29.4
203 17.6	0.0 37.8

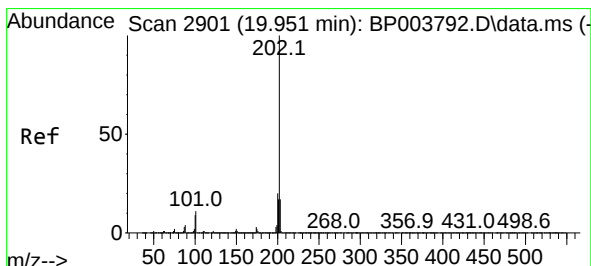
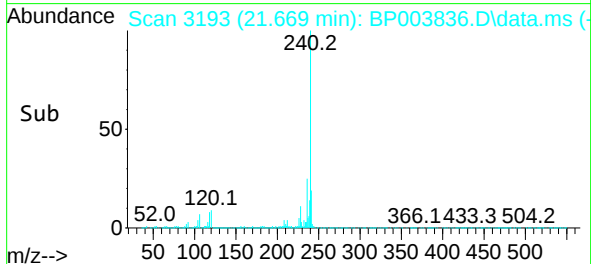
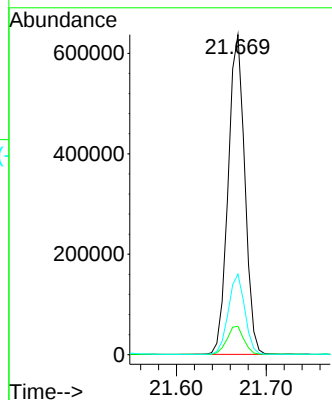
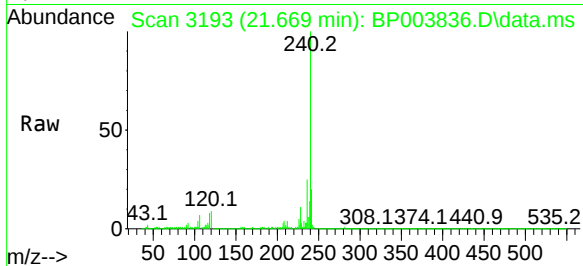




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.669 min Scan# 3193
Delta R.T. -0.000 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

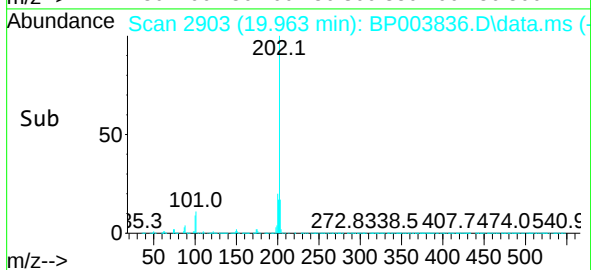
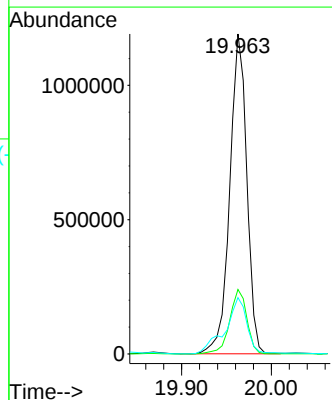
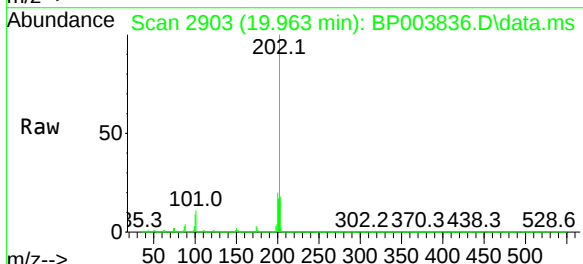
Instrument :
BNA_G
ClientSampleId :

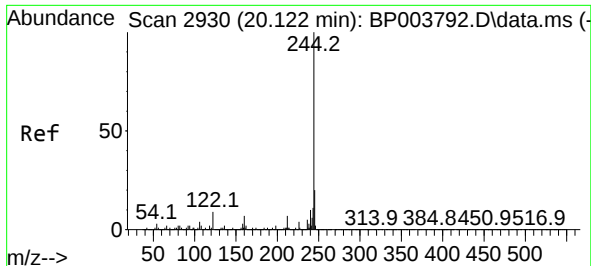
Tgt Ion:240 Resp: 818144
Ion Ratio Lower Upper
240 100
120 8.8 7.8 11.6
236 25.1 20.8 31.2



#78
Pyrene
Concen: 28.30 ng
RT: 19.963 min Scan# 2903
Delta R.T. -0.000 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

Tgt Ion:202 Resp: 1571147
Ion Ratio Lower Upper
202 100
200 20.1 17.1 25.7
203 17.6 14.2 21.2

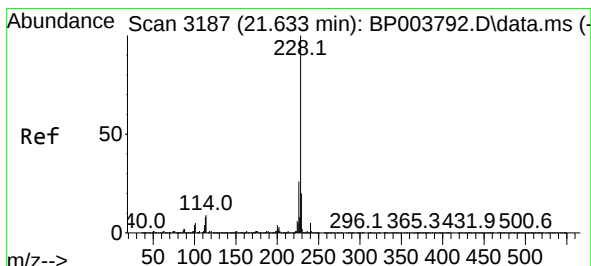
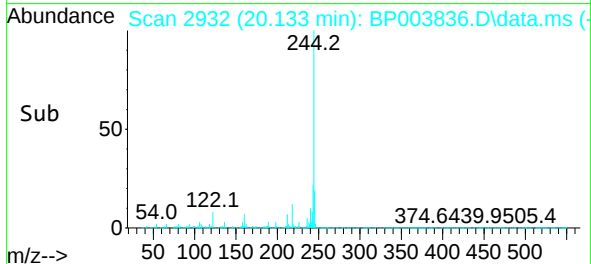
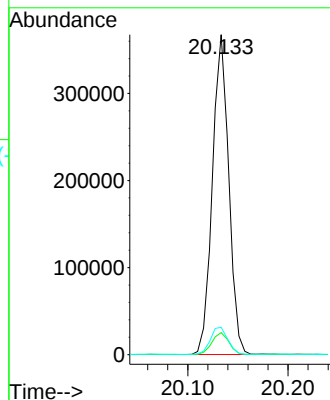
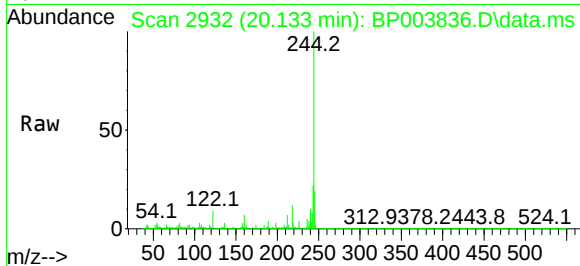




#79
 Terphenyl-d14
 Concen: 9.84 ng
 RT: 20.133 min Scan# 2932
 Delta R.T. -0.000 min
 Lab File: BP003836.D
 Acq: 06 Nov 2020 12:30

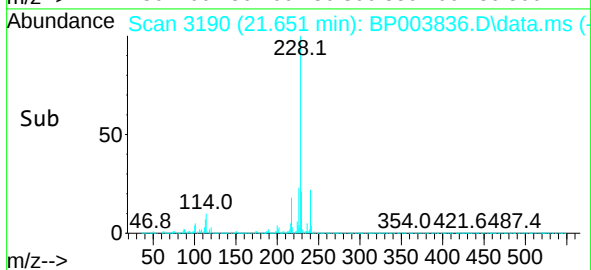
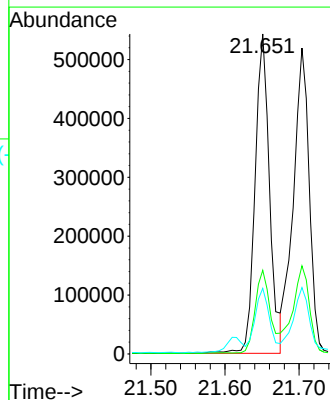
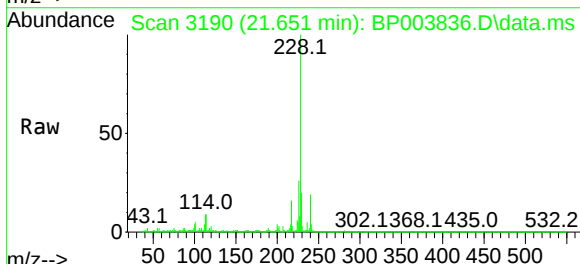
Instrument :
 BNA_G
 ClientSampleId :

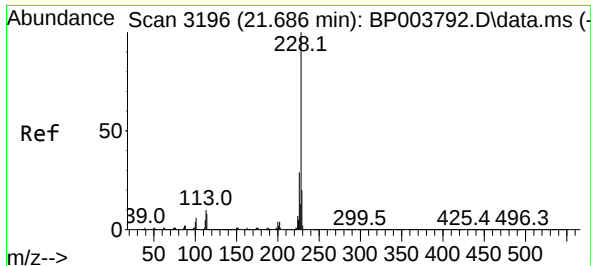
Tgt Ion:244 Resp: 416607
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 8.5 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 13.69 ng
 RT: 21.651 min Scan# 3190
 Delta R.T. -0.000 min
 Lab File: BP003836.D
 Acq: 06 Nov 2020 12:30

Tgt Ion:228 Resp: 738584
 Ion Ratio Lower Upper
 228 100
 226 26.1 22.1 33.1
 229 20.5 15.9 23.9

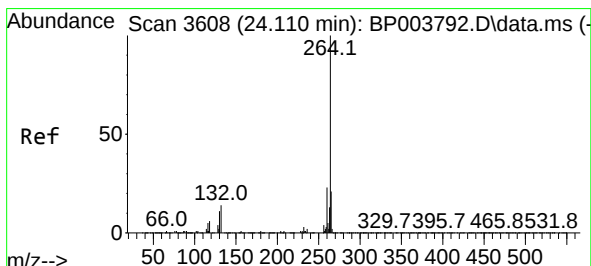
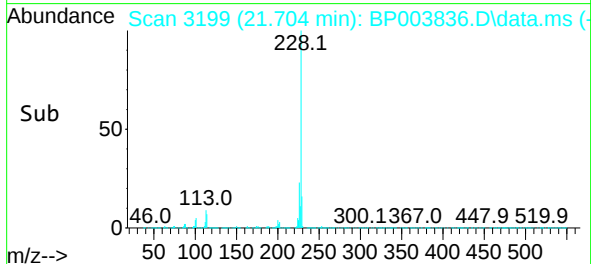
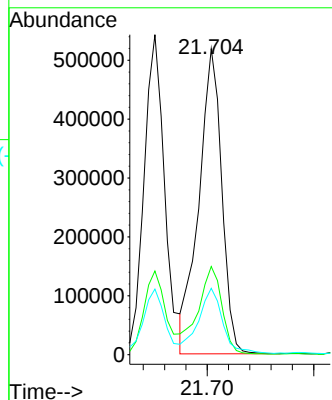
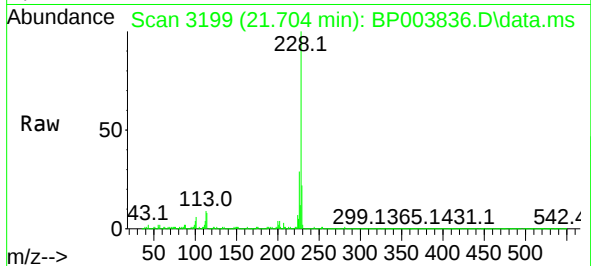




#83
Chrysene
Concen: 14.96 ng
RT: 21.704 min Scan# 3199
Delta R.T. -0.000 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

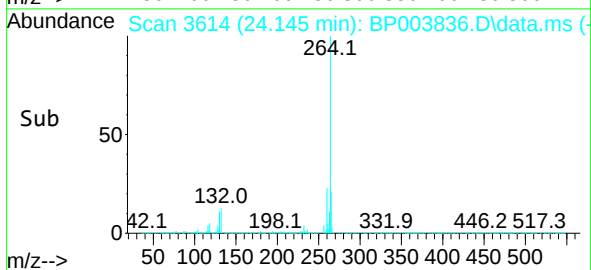
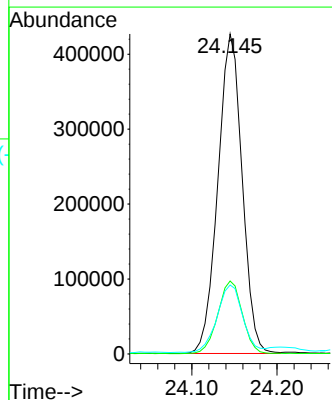
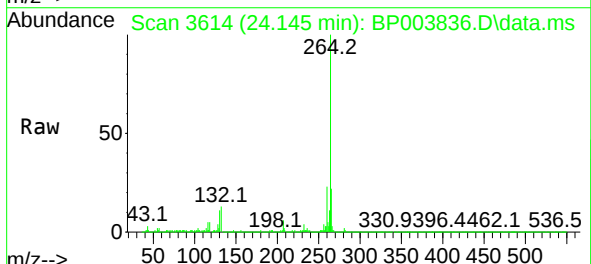
Instrument :
BNA_G
ClientSampleId :

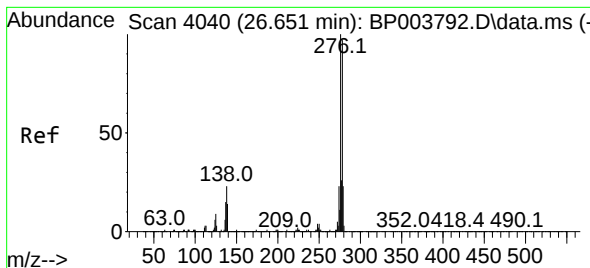
Tgt Ion:228 Resp: 775302
Ion Ratio Lower Upper
228 100
226 28.8 24.4 36.6
229 21.7 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.145 min Scan# 3614
Delta R.T. -0.000 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

Tgt Ion:264 Resp: 843797
Ion Ratio Lower Upper
264 100
260 22.8 18.8 28.2
265 21.5 17.4 26.2

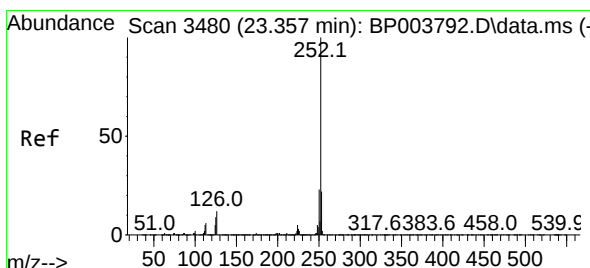
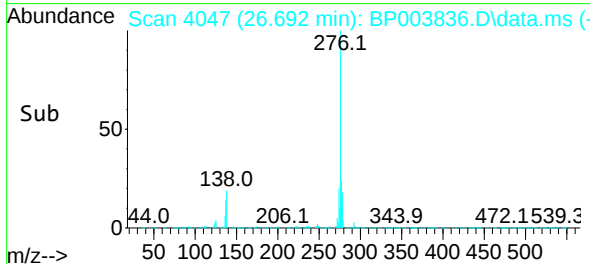
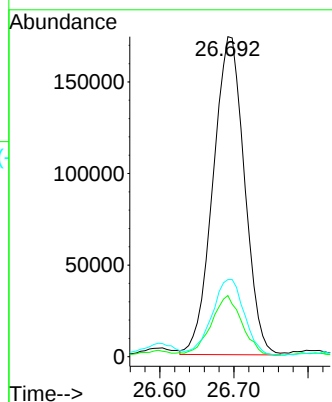
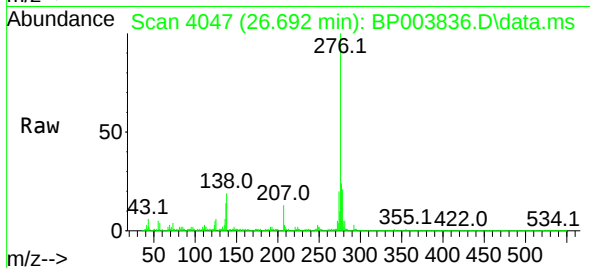




#87
Indeno(1,2,3-cd)pyrene
Concen: 8.40 ng
RT: 26.692 min Scan# 4047
Delta R.T. -0.012 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

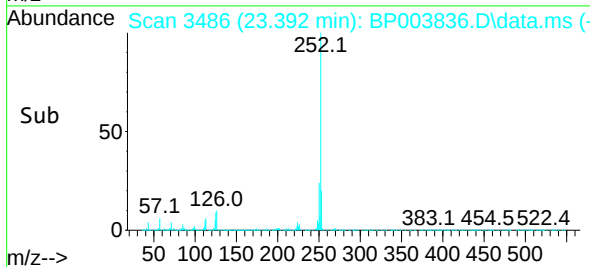
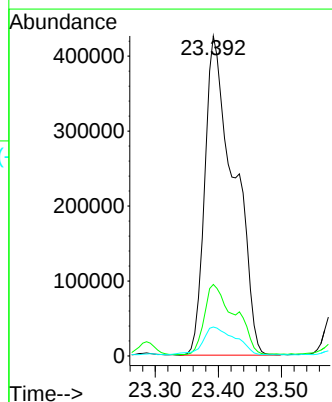
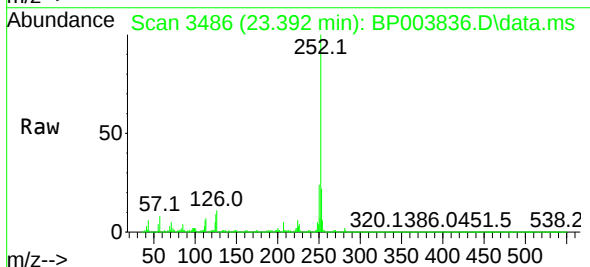
Instrument :
BNA_G
ClientSampleId :

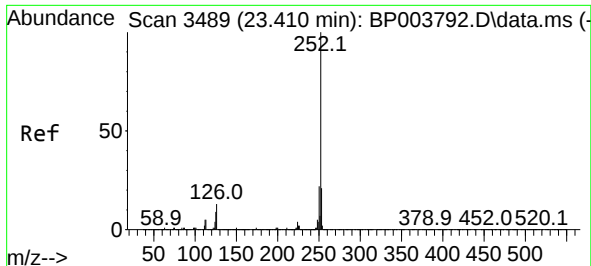
Tgt Ion:276 Resp: 511382
Ion Ratio Lower Upper
276 100
138 18.6 18.7 28.1#
277 24.5 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 24.79 ng
RT: 23.392 min Scan# 3486
Delta R.T. -0.000 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

Tgt Ion:252 Resp: 1368936
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 9.0 7.3 10.9

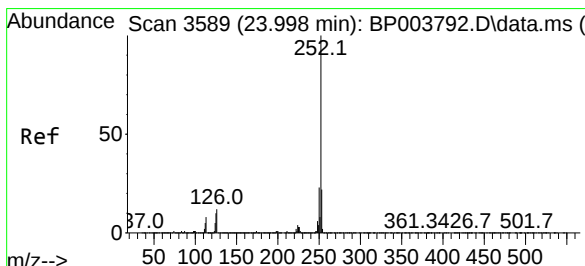
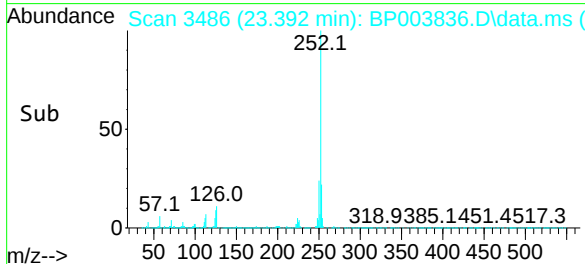
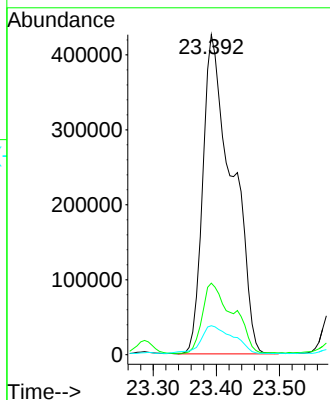
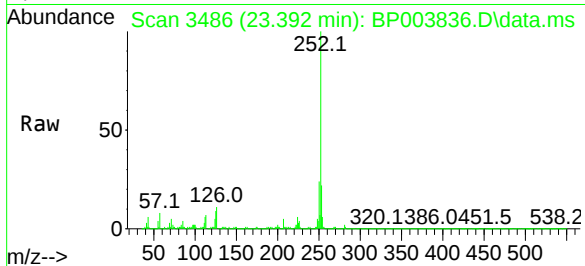




#89
Benzo(k)fluoranthene
Concen: 25.11 ng
RT: 23.392 min Scan# 3486
Delta R.T. -0.047 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

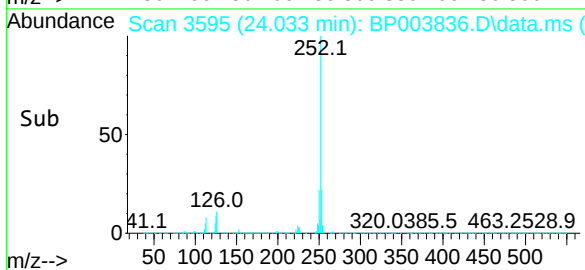
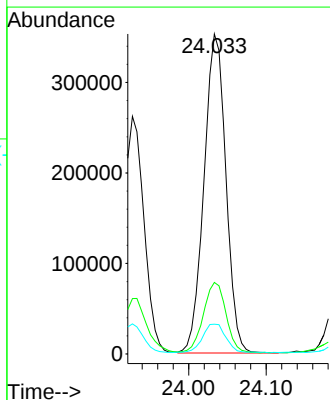
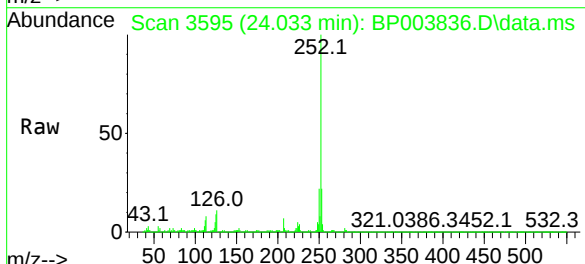
Instrument :
BNA_G
ClientSampleId :

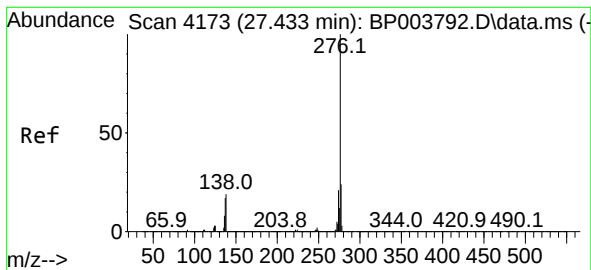
Tgt Ion:252 Resp: 1369112
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 13.55 ng
RT: 24.033 min Scan# 3595
Delta R.T. -0.000 min
Lab File: BP003836.D
Acq: 06 Nov 2020 12:30

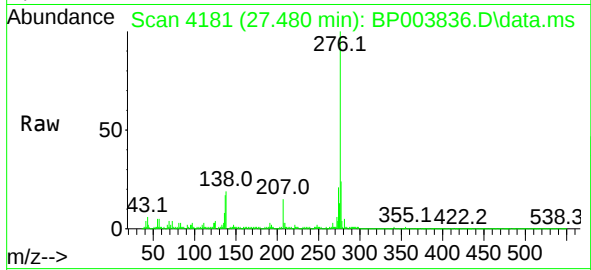
Tgt Ion:252 Resp: 692867
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 9.3 8.2 12.4





#92
 Benzo(g,h,i)perylene
 Concen: 10.42 ng
 RT: 27.480 min Scan# 4181
 Delta R.T. -0.012 min
 Lab File: BP003836.D
 Acq: 06 Nov 2020 12:30

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:	276	Resp:	511513
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.0	28.6
138	18.6	16.6	24.8

