

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110920\
 Data File : BP003878.D
 Acq On : 09 Nov 2020 20:47
 Operator : CG/JU
 Sample : L4669-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-110620

Quant Time: Nov 10 00:24:18 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)

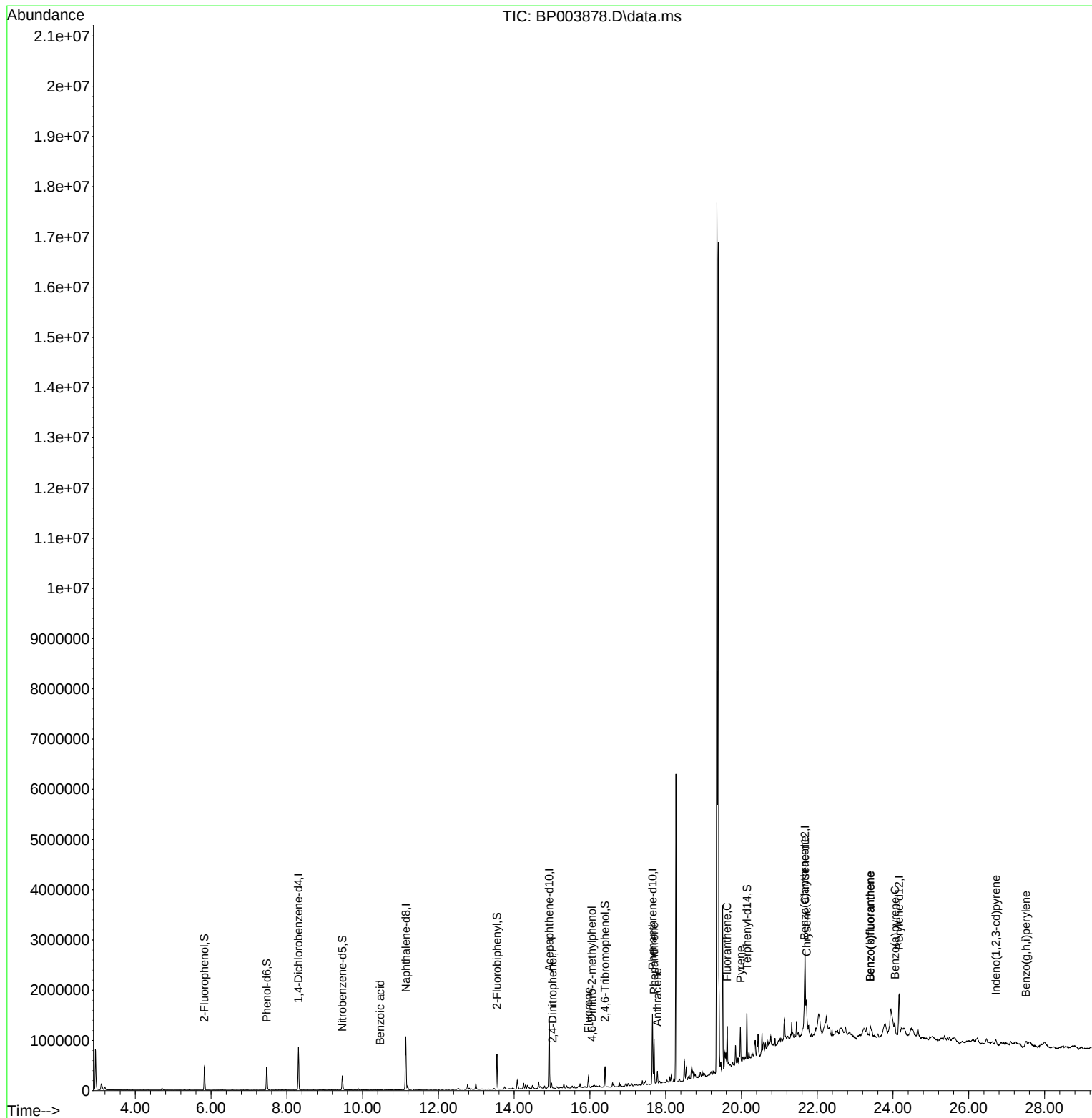
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	220734	20.00	ng	0.00
21) Naphthalene-d8	11.140	136	852532	20.00	ng	# 0.00
39) Acenaphthene-d10	14.922	164	477452	20.00	ng	0.00
64) Phenanthrene-d10	17.651	188	809344	20.00	ng	0.00
76) Chrysene-d12	21.675	240	619288	20.00	ng	0.00
86) Perylene-d12	24.163	264	668873	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	192304	14.54	ng	0.00
7) Phenol-d6	7.469	99	250565	13.20	ng	0.00
23) Nitrobenzene-d5	9.463	82	150586	8.65	ng	0.00
42) 2,4,6-Tribromophenol	16.398	330	74824	12.53	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	356046	10.43	ng	0.00
79) Terphenyl-d14	20.145	244	317564	9.91	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.422	77	300	Below Cal	#	46
32) Benzoic acid	10.463	122	149	8.32	ng	# 1
54) 2,4-Dinitrophenol	15.010	184	48	2.75	ng	# 1
58) Fluorene	15.957	166	83916	2.37	ng	98
65) 4,6-Dinitro-2-methylph...	16.051	198	63	6.35	ng	# 1
71) Phenanthrene	17.692	178	515660	11.35	ng	99
72) Anthracene	17.781	178	153118	3.49	ng	97
75) Fluoranthene	19.622	202	388410	7.41	ng	99
78) Pyrene	19.975	202	434661	10.34	ng	97
81) Benzo(a)anthracene	21.663	228	191926	4.70	ng	95
83) Chrysene	21.716	228	191533	4.88	ng	96
87) Indeno(1,2,3-cd)pyrene	26.715	276	96568	2.00	ng	# 95
88) Benzo(b)fluoranthene	23.404	252	263126	6.01	ng	# 91
89) Benzo(k)fluoranthene	23.404	252	263663	6.10	ng	# 92
90) Benzo(a)pyrene	24.051	252	168183	4.15	ng	# 90
92) Benzo(g,h,i)perylene	27.509	276	104627	2.69	ng	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110920\
Data File : BP003878.D
Acq On : 09 Nov 2020 20:47
Operator : CG/JU
Sample : L4669-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-110620

Quant Time: Nov 10 00:24:18 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

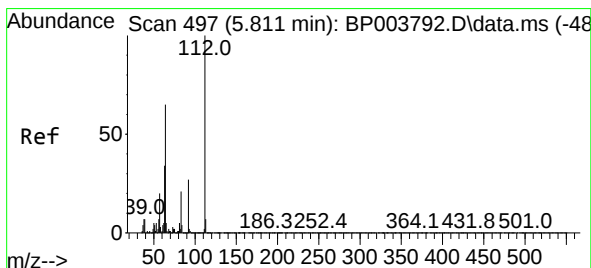
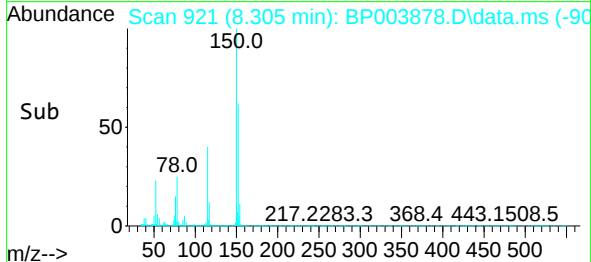
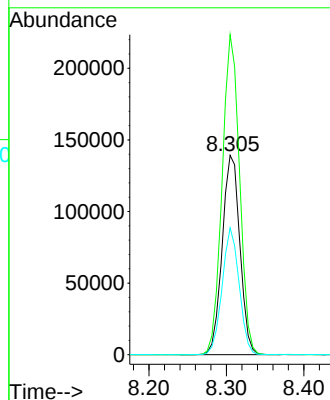
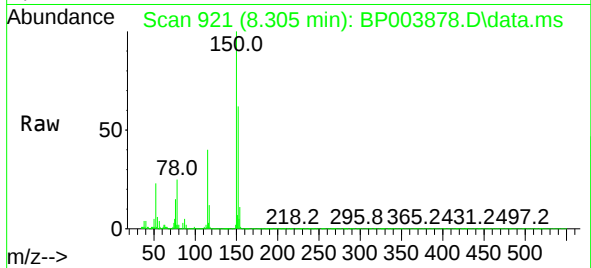




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.305 min Scan# 921
Delta R.T. -0.000 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

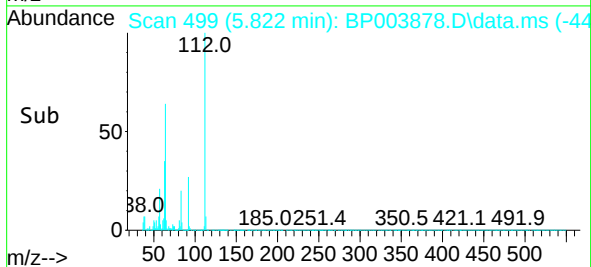
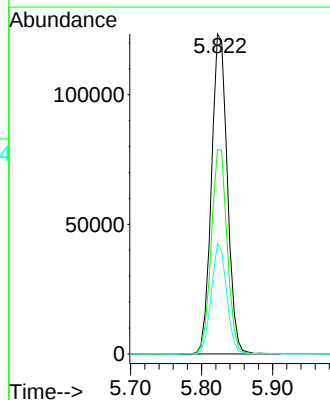
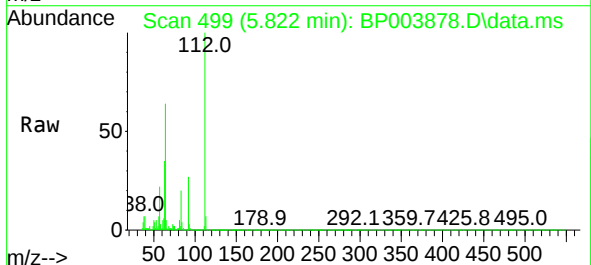
Instrument :
BNA_P
ClientSampleId :
TR-04-110620

Tgt Ion:152 Resp: 220734
Ion Ratio Lower Upper
152 100
150 160.6 123.8 185.6
115 63.6 43.8 65.6



#5
2-Fluorophenol
Concen: 14.54 ng
RT: 5.822 min Scan# 499
Delta R.T. 0.000 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

Tgt Ion:112 Resp: 192304
Ion Ratio Lower Upper
112 100
64 63.9 32.8 49.2#
63 34.6 17.0 25.4#

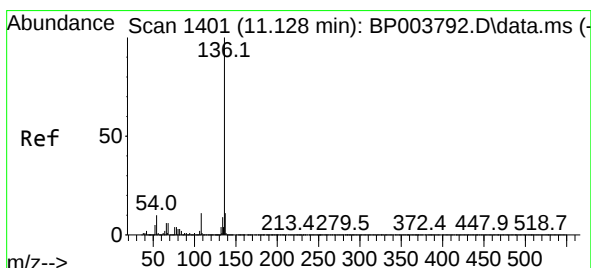
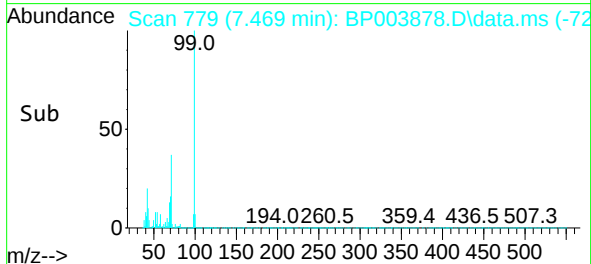
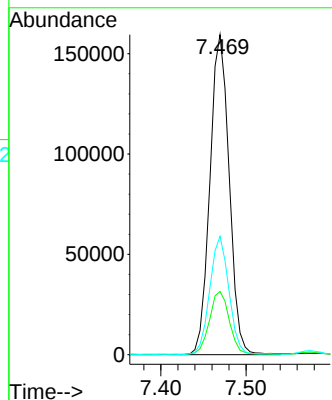
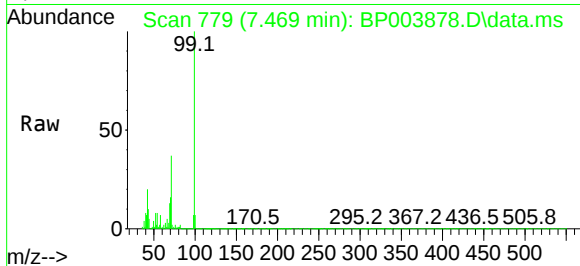




#7
Phenol-d6
Concen: 13.20 ng
RT: 7.469 min Scan# 779
Delta R.T. 0.000 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

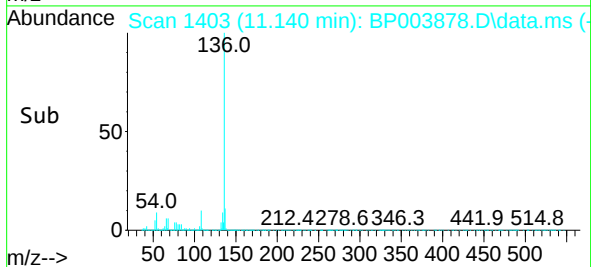
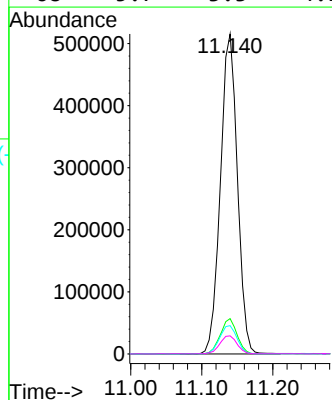
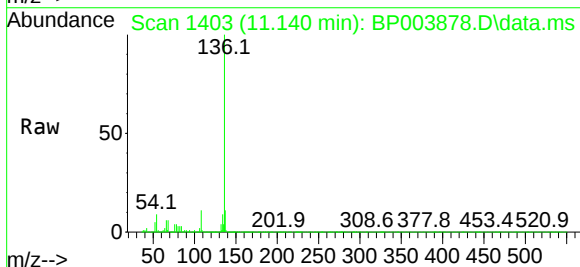
Instrument :
BNA_P
ClientSampleId :
TR-04-110620

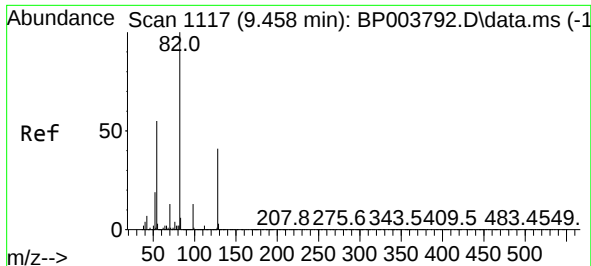
Tgt Ion: 99 Resp: 250565
Ion Ratio Lower Upper
99 100
42 19.8 8.6 13.0#
71 37.0 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.140 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

Tgt Ion: 136 Resp: 852532
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.8 3.6 5.4#
68 5.7 3.3 4.9#

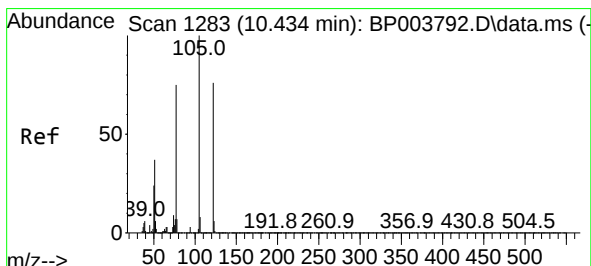
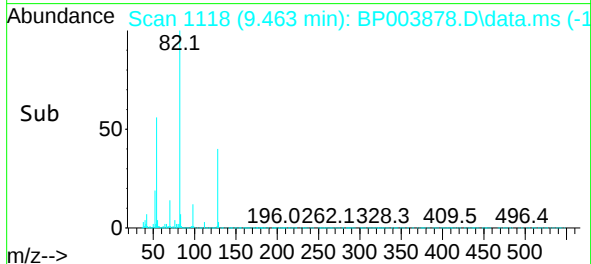
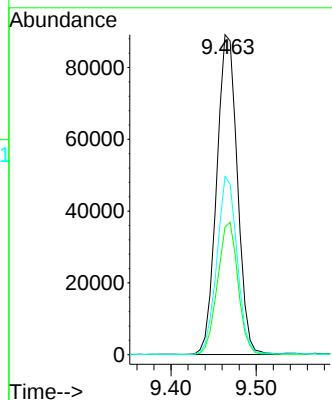
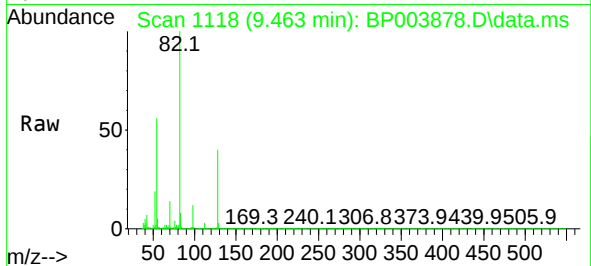




#23
Nitrobenzene-d5
Concen: 8.65 ng
RT: 9.463 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

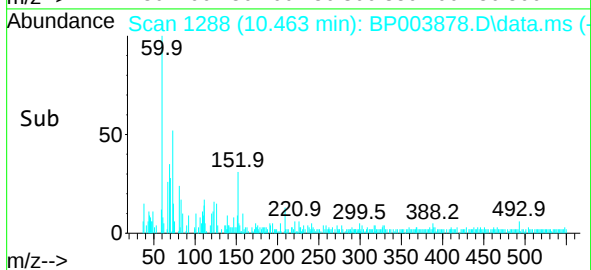
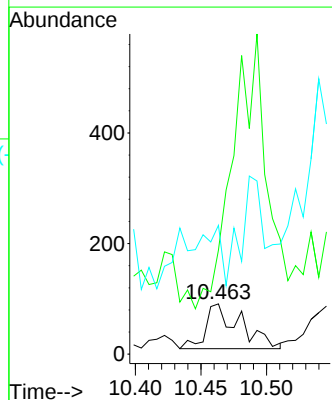
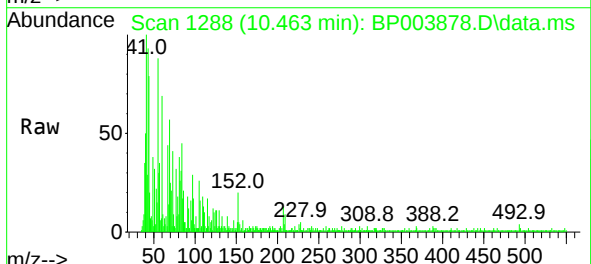
Instrument :
BNA_P
ClientSampleId :
TR-04-110620

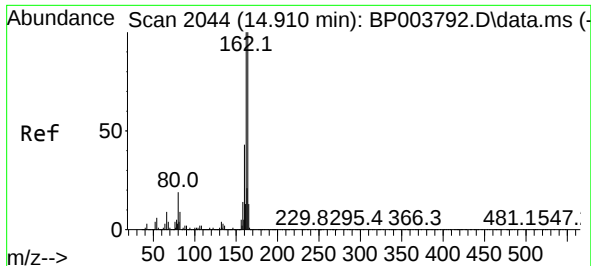
Tgt Ion: 82 Resp: 150586
Ion Ratio Lower Upper
82 100
128 39.9 45.6 68.4#
54 55.7 30.1 45.1#



#32
Benzoic acid
Concen: 8.32 ng
RT: 10.463 min Scan# 1288
Delta R.T. 0.012 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

Tgt Ion: 122 Resp: 149
Ion Ratio Lower Upper
122 100
105 206.6 94.1 134.1#
77 256.0 50.1 90.1#

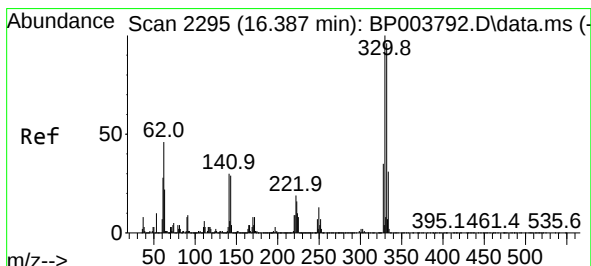
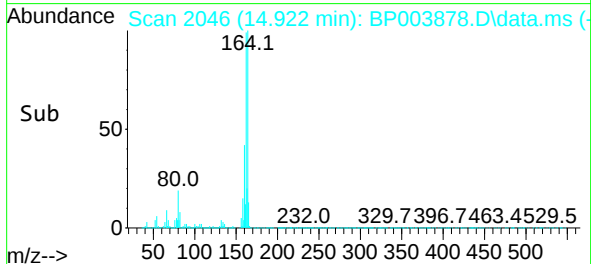
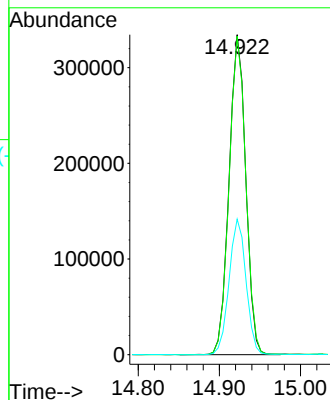
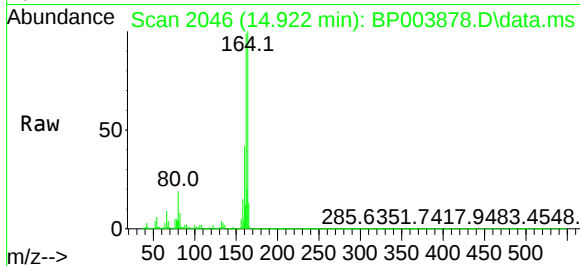




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.922 min Scan# 2046
Delta R.T. 0.006 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

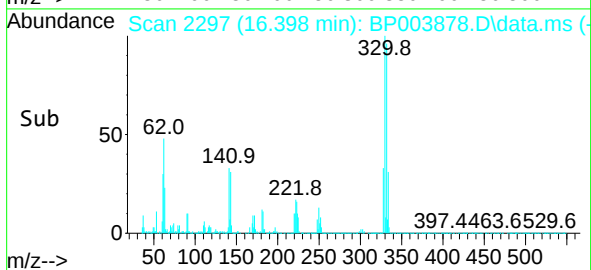
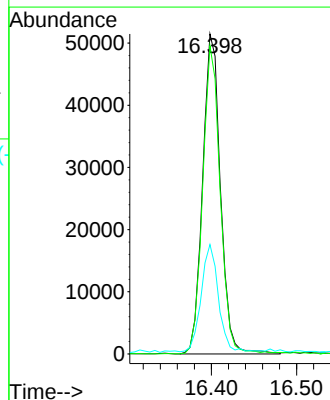
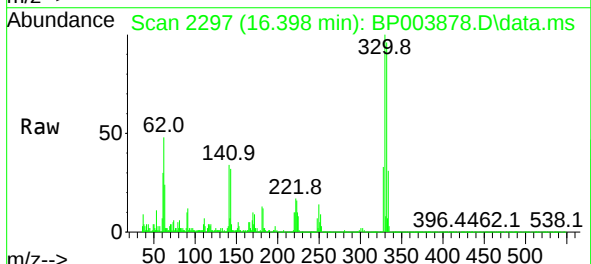
Instrument :
BNA_P
ClientSampleId :
TR-04-110620

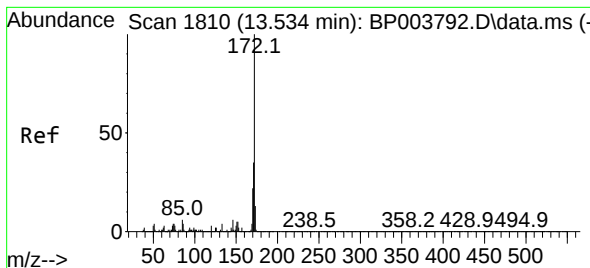
Tgt Ion:164 Resp: 477452
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.2
160 42.3 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 12.53 ng
RT: 16.398 min Scan# 2297
Delta R.T. 0.000 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

Tgt Ion:330 Resp: 74824
Ion Ratio Lower Upper
330 100
332 94.7 77.1 115.7
141 32.1 23.4 35.2

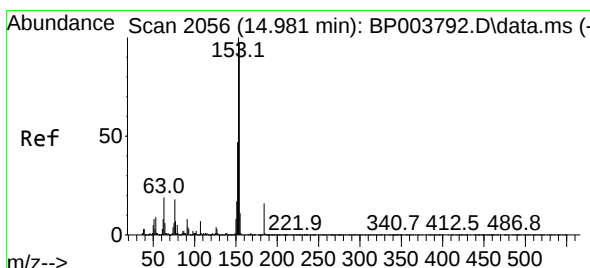
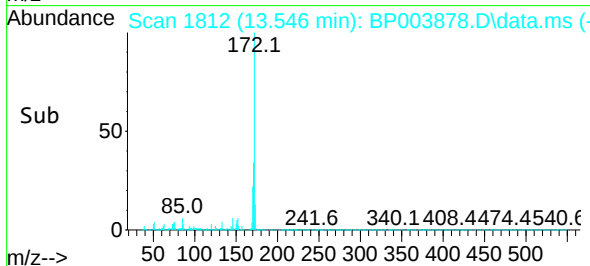
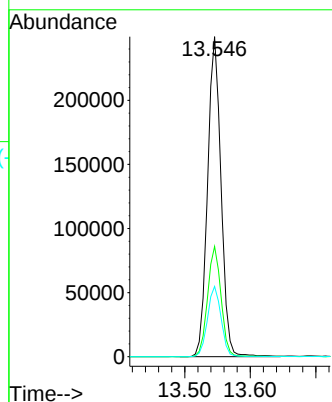
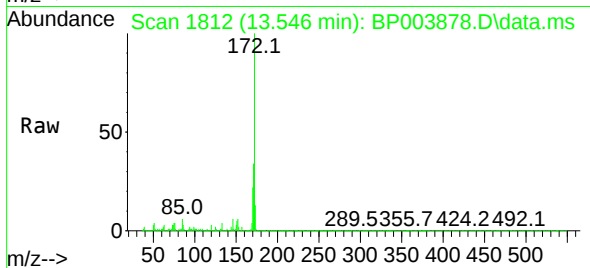




#45
2-Fluorobiphenyl
Concen: 10.43 ng
RT: 13.546 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

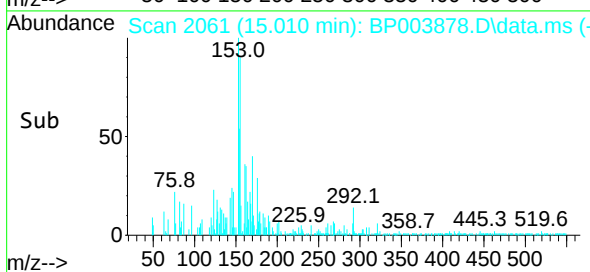
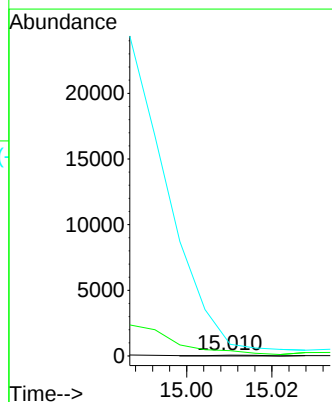
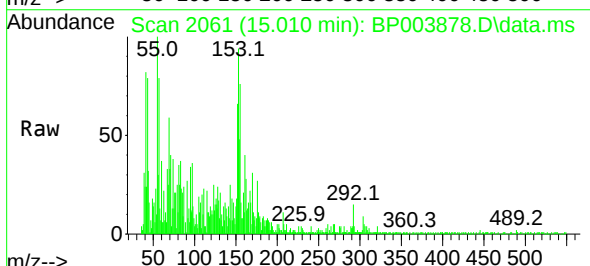
Instrument :
BNA_P
ClientSampleId :
TR-04-110620

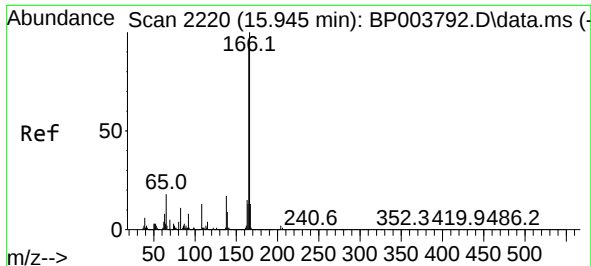
Tgt Ion:172 Resp: 356046
Ion Ratio Lower Upper
172 100
171 34.4 28.5 42.7
170 22.0 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 15.010 min Scan# 2061
Delta R.T. 0.012 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

Tgt Ion:184 Resp: 48
Ion Ratio Lower Upper
184 100
63 623.1 32.3 48.5#
154 1369.2 49.1 73.7#

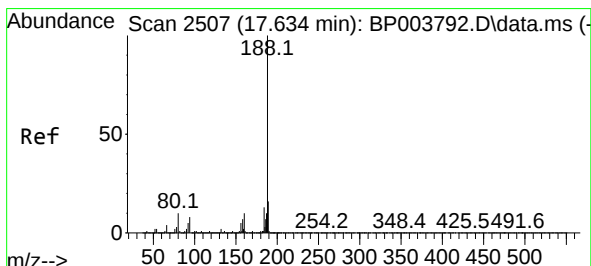
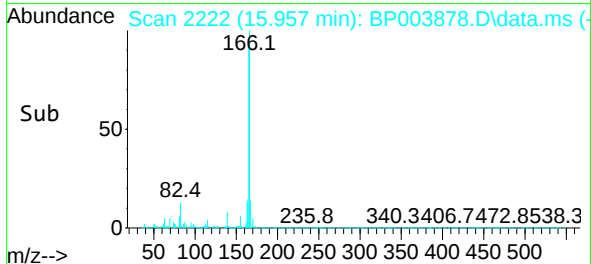
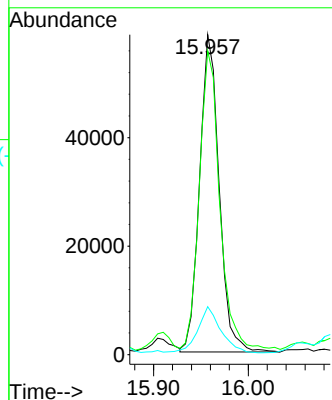
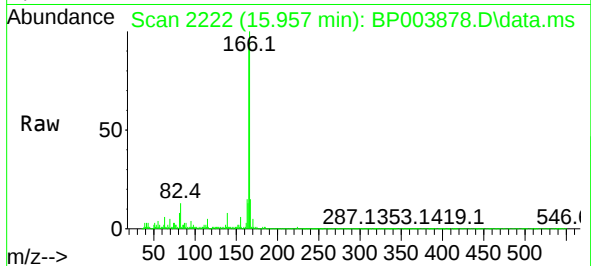




#58
Fluorene
Concen: 2.37 ng
RT: 15.957 min Scan# 2222
Delta R.T. 0.000 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

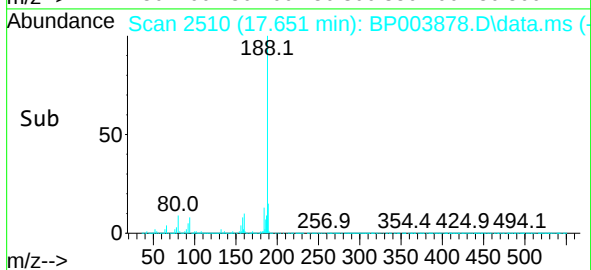
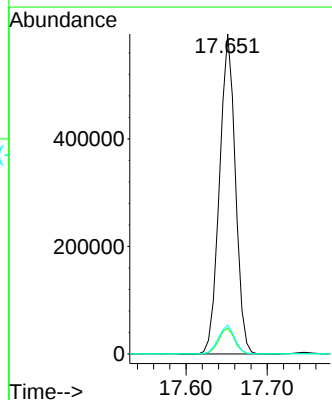
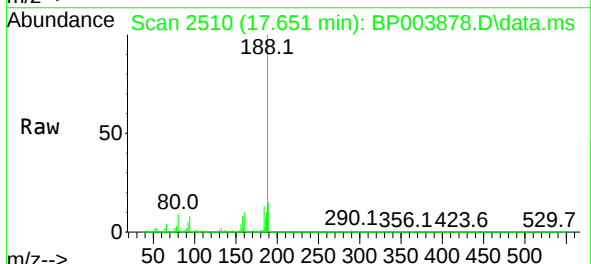
Instrument :
BNA_P
ClientSampleId :
TR-04-110620

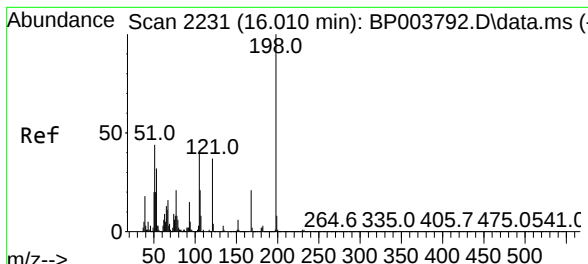
Tgt Ion:166 Resp: 83916
Ion Ratio Lower Upper
166 100
165 95.0 77.8 116.8
167 15.0 11.0 16.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.651 min Scan# 2510
Delta R.T. 0.006 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

Tgt Ion:188 Resp: 809344
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.2
80 9.0 6.2 9.2

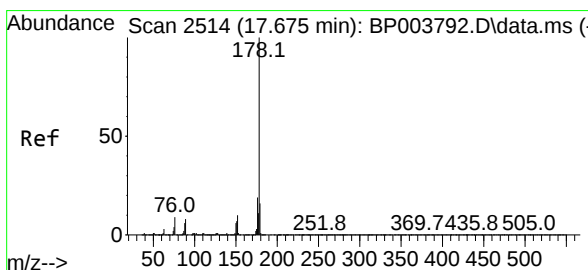
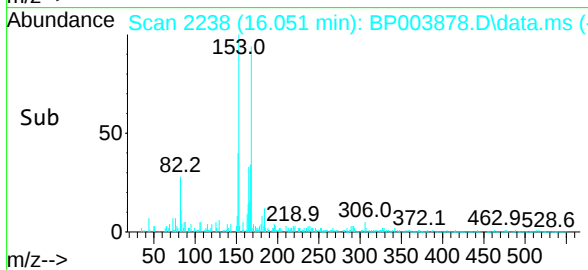
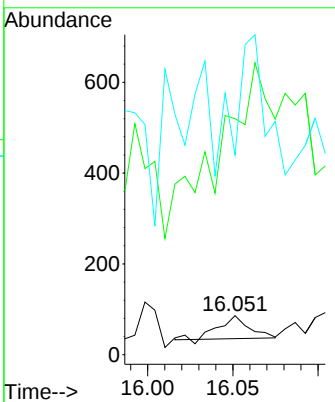
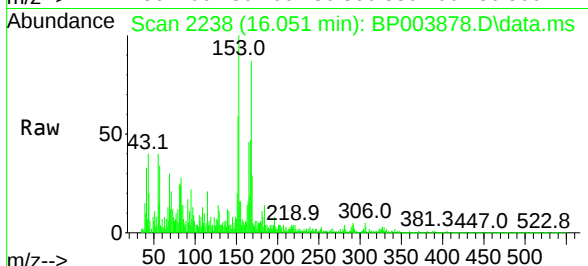




#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.35 ng
 RT: 16.051 min Scan# 2238
 Delta R.T. 0.029 min
 Lab File: BP003878.D
 Acq: 09 Nov 2020 20:47

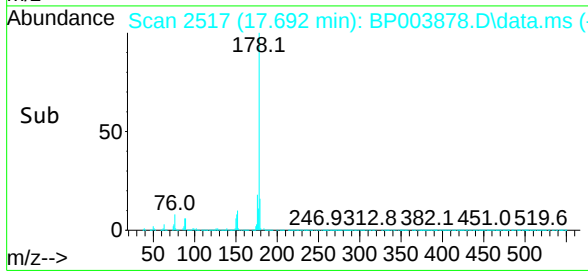
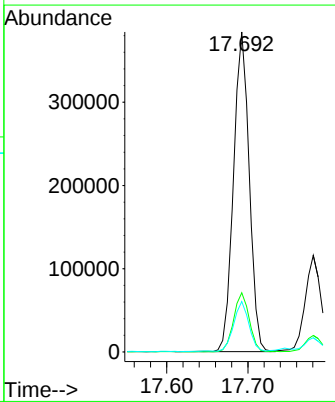
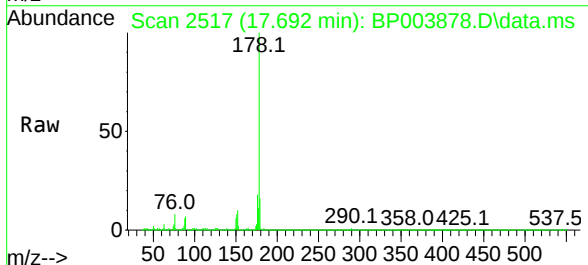
Instrument :
 BNA_P
 ClientSampleId :
 TR-04-110620

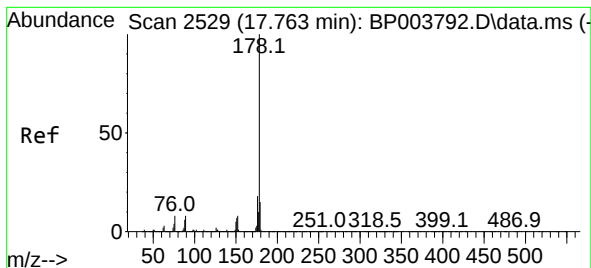
Tgt Ion:	198	Resp:	63
Ion	Ratio	Lower	Upper
198	100		
51	604.7	6.4	46.4#
105	511.6	18.9	58.9#



#71
 Phenanthrene
 Concen: 11.35 ng
 RT: 17.692 min Scan# 2517
 Delta R.T. 0.006 min
 Lab File: BP003878.D
 Acq: 09 Nov 2020 20:47

Tgt Ion:	178	Resp:	515660
Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.3	22.9
179	15.7	12.5	18.7





#72

Anthracene

Concen: 3.49 ng

RT: 17.781 min Scan# 2532

Delta R.T. 0.006 min

Lab File: BP003878.D

Acq: 09 Nov 2020 20:47

Tgt Ion:178 Resp: 153118

Ion Ratio Lower Upper

178 100

176 17.1 15.0 22.4

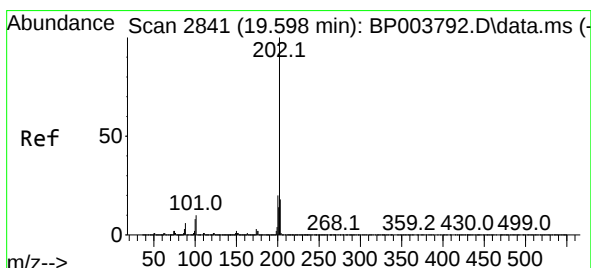
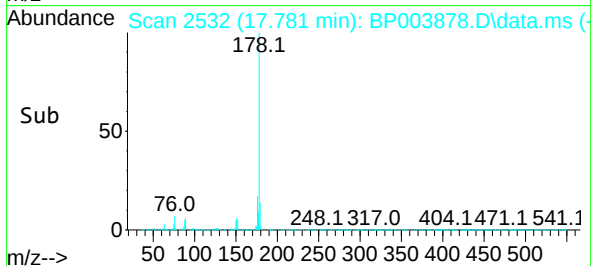
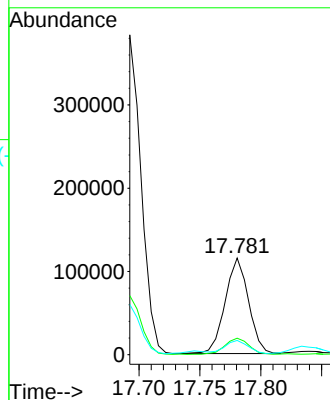
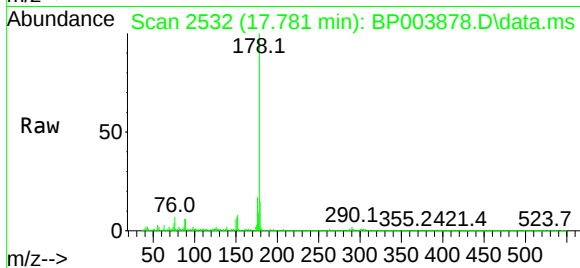
179 14.8 12.5 18.7

Instrument :

BNA_P

ClientSampleId :

TR-04-110620



#75

Fluoranthene

Concen: 7.41 ng

RT: 19.622 min Scan# 2845

Delta R.T. 0.006 min

Lab File: BP003878.D

Acq: 09 Nov 2020 20:47

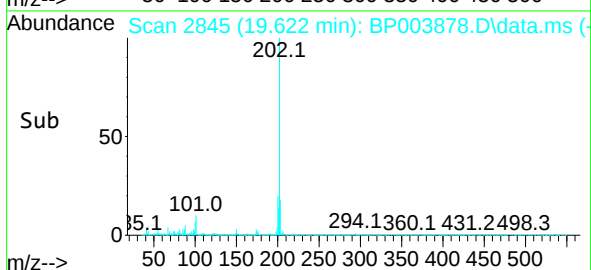
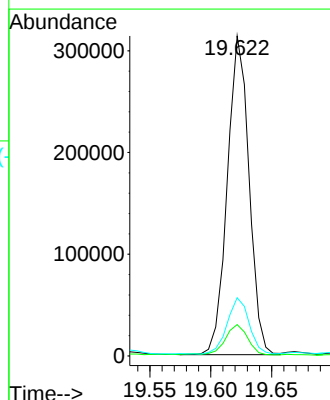
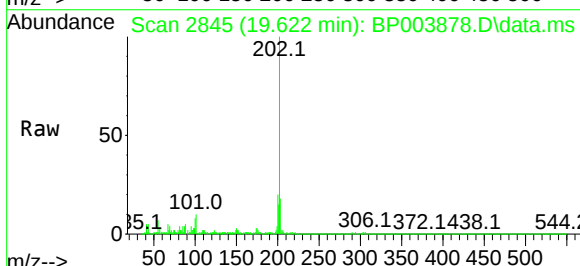
Tgt Ion:202 Resp: 388410

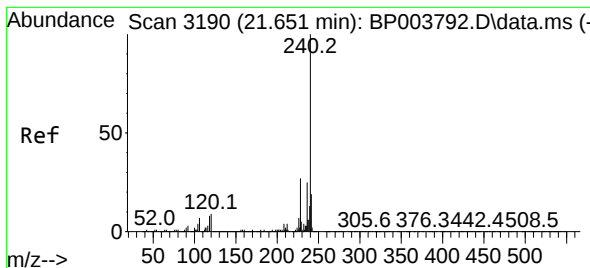
Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.4

203 18.2 0.0 37.8





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.675 min Scan# 3194

Delta R.T. 0.006 min

Lab File: BP003878.D

Acq: 09 Nov 2020 20:47

Tgt Ion:240 Resp: 619288

Ion Ratio Lower Upper

240 100

120 9.0 7.8 11.6

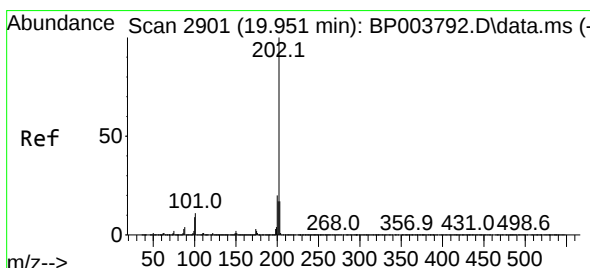
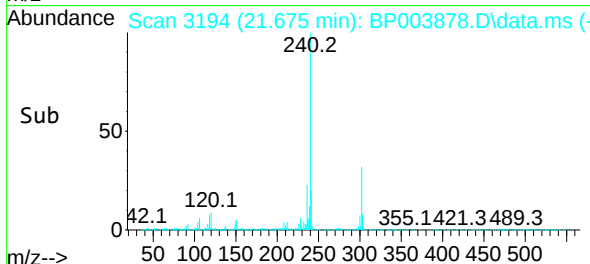
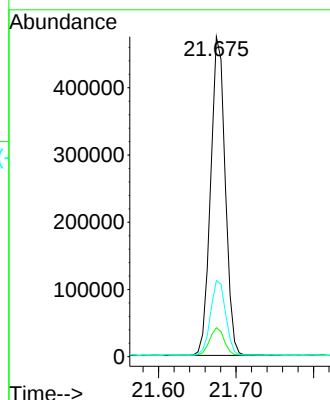
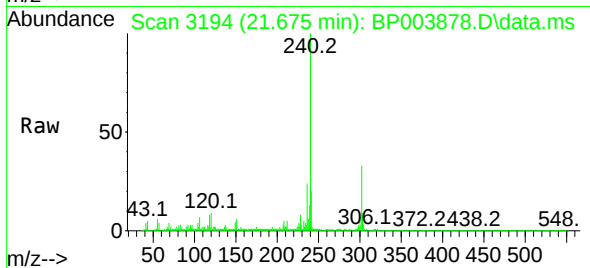
236 23.8 20.8 31.2

Instrument :

BNA_P

ClientSampleId :

TR-04-110620



#78

Pyrene

Concen: 10.34 ng

RT: 19.975 min Scan# 2905

Delta R.T. 0.012 min

Lab File: BP003878.D

Acq: 09 Nov 2020 20:47

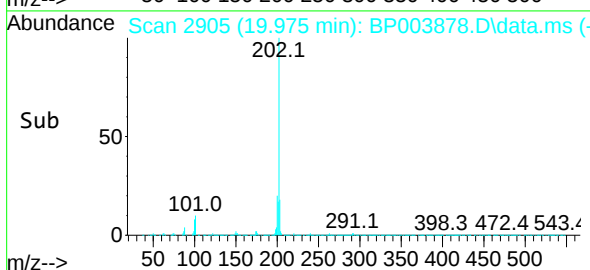
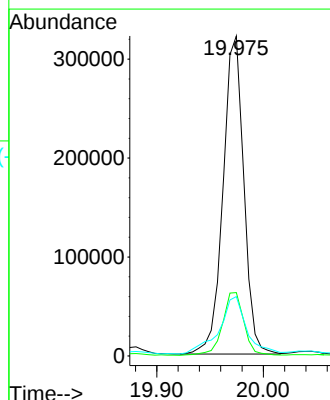
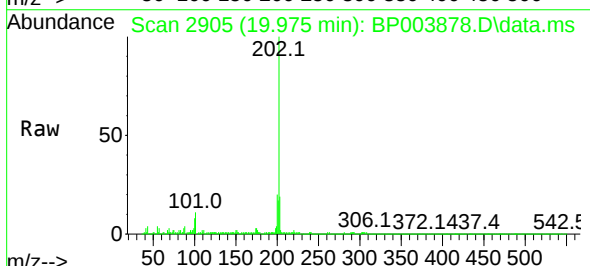
Tgt Ion:202 Resp: 434661

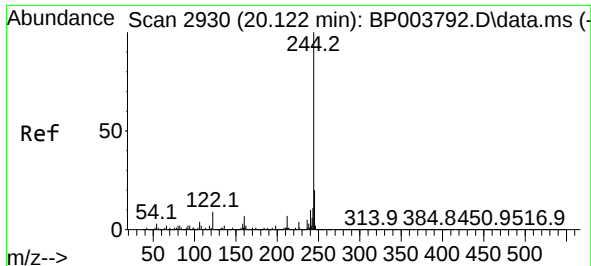
Ion Ratio Lower Upper

202 100

200 19.8 17.1 25.7

203 18.5 14.2 21.2

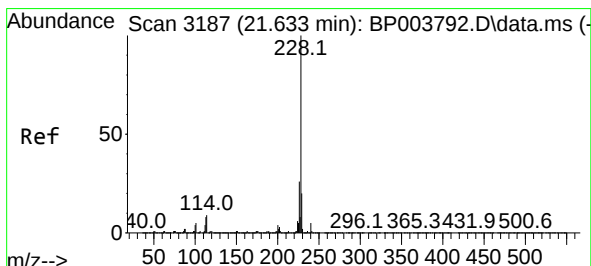
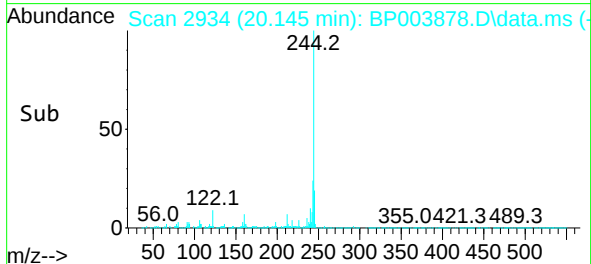
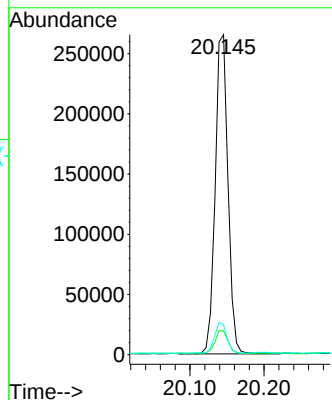
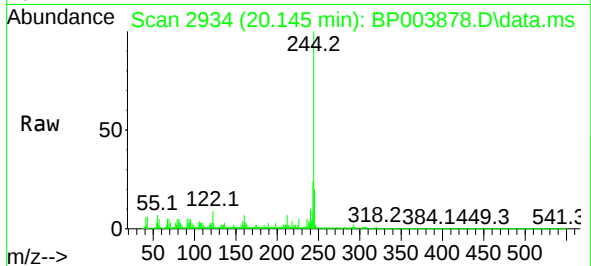




#79
 Terphenyl-d14
 Concen: 9.91 ng
 RT: 20.145 min Scan# 2934
 Delta R.T. 0.012 min
 Lab File: BP003878.D
 Acq: 09 Nov 2020 20:47

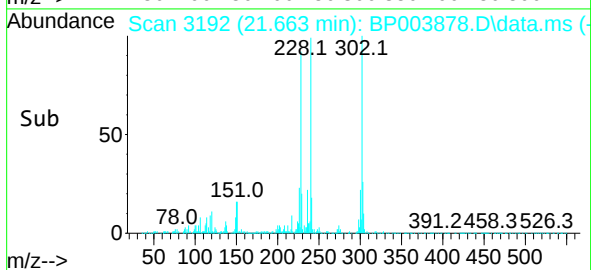
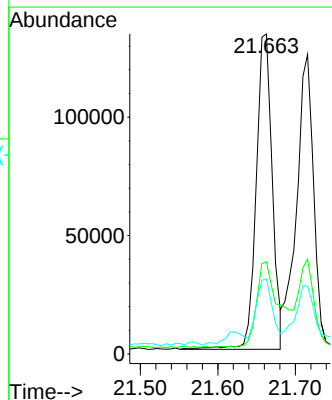
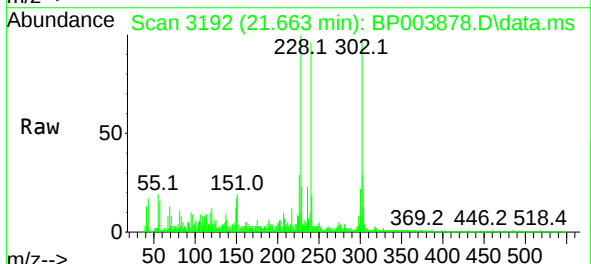
Instrument :
 BNA_P
 ClientSampleId :
 TR-04-110620

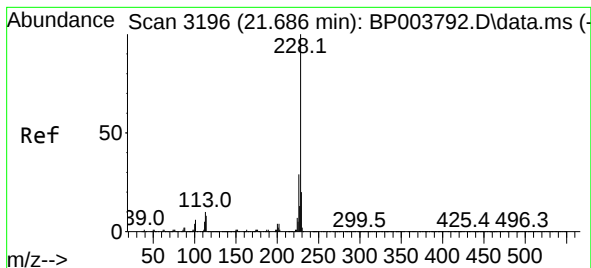
Tgt Ion:244 Resp: 317564
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 9.3 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 4.70 ng
 RT: 21.663 min Scan# 3192
 Delta R.T. 0.012 min
 Lab File: BP003878.D
 Acq: 09 Nov 2020 20:47

Tgt Ion:228 Resp: 191926
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.1 33.1
 229 23.4 15.9 23.9





#83

Chrysene

Concen: 4.88 ng

RT: 21.716 min Scan# 3201

Delta R.T. 0.012 min

Lab File: BP003878.D

Acq: 09 Nov 2020 20:47

Tgt Ion:228 Resp: 191533

Ion Ratio Lower Upper

228 100

226 31.7 24.4 36.6

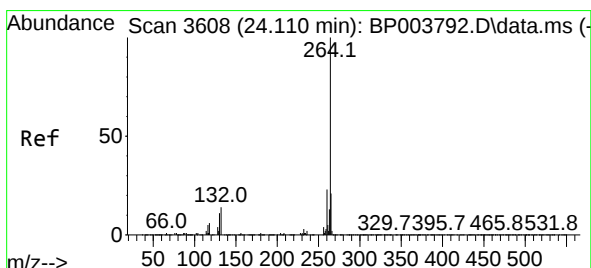
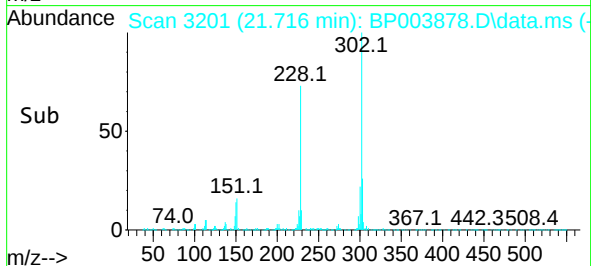
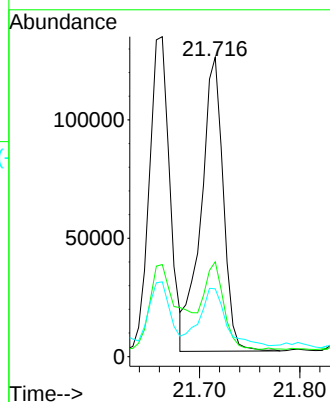
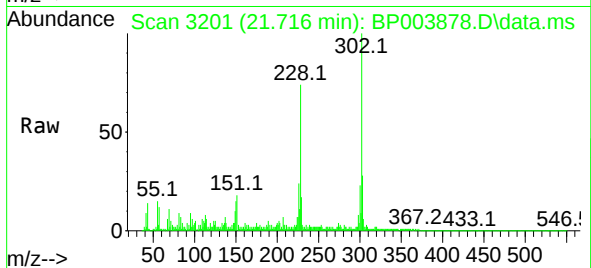
229 22.7 15.8 23.6

Instrument :

BNA_P

ClientSampleId :

TR-04-110620



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.163 min Scan# 3617

Delta R.T. 0.018 min

Lab File: BP003878.D

Acq: 09 Nov 2020 20:47

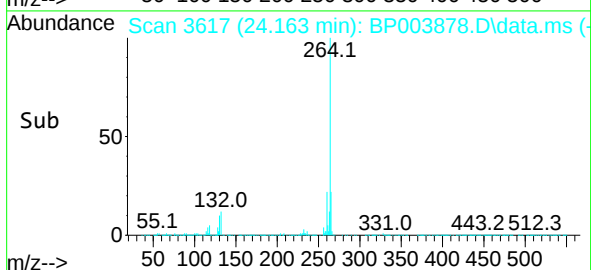
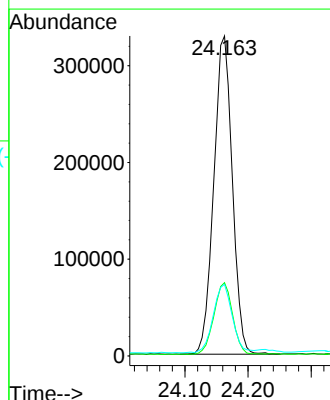
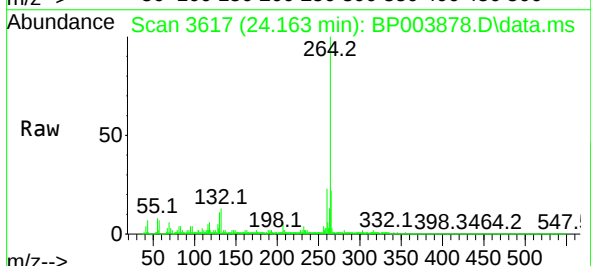
Tgt Ion:264 Resp: 668873

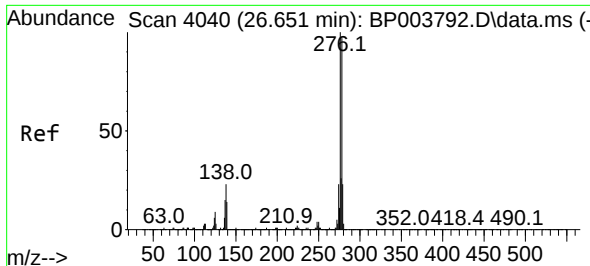
Ion Ratio Lower Upper

264 100

260 22.9 18.8 28.2

265 22.4 17.4 26.2

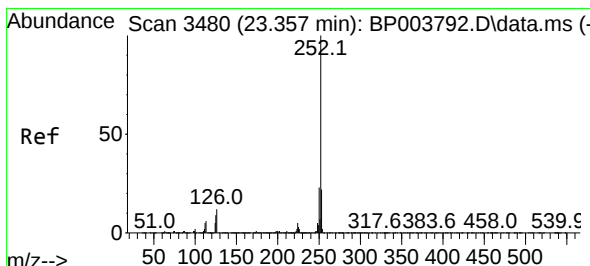
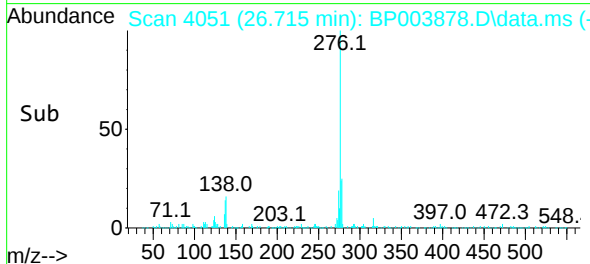
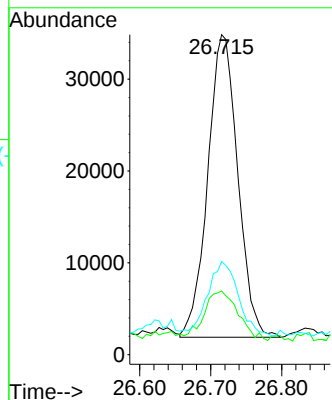
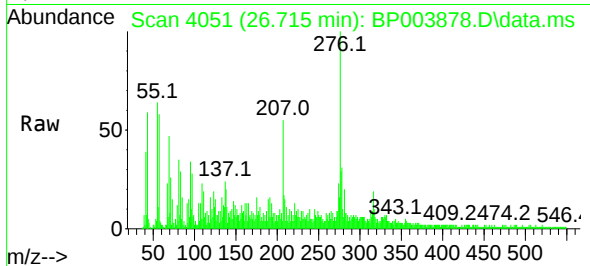




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.00 ng
RT: 26.715 min Scan# 4051
Delta R.T. 0.012 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

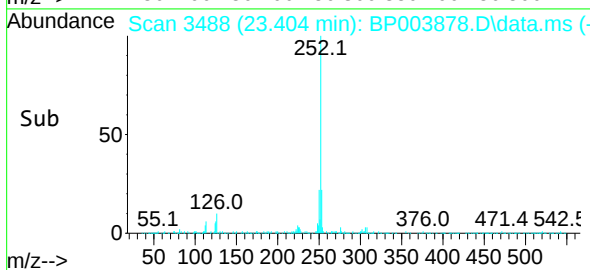
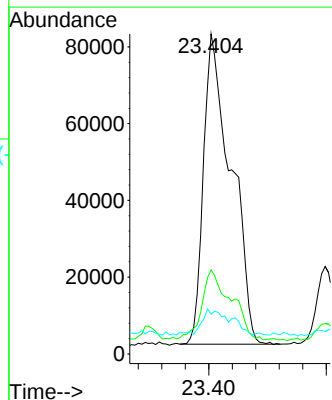
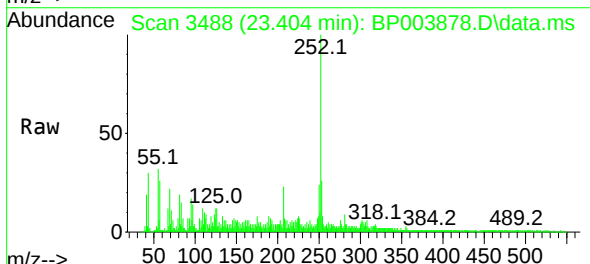
Instrument :
BNA_P
ClientSampleId :
TR-04-110620

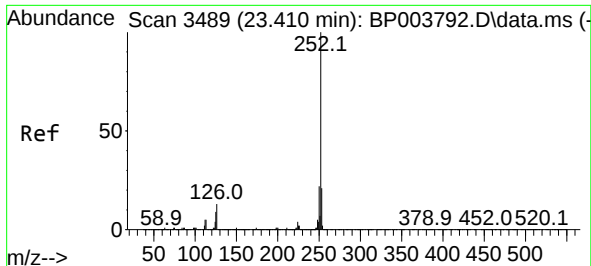
Tgt Ion:276 Resp: 96568
Ion Ratio Lower Upper
276 100
138 18.7 18.7 28.1#
277 25.6 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 6.01 ng
RT: 23.404 min Scan# 3488
Delta R.T. 0.012 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

Tgt Ion:252 Resp: 263126
Ion Ratio Lower Upper
252 100
253 26.3 17.6 26.4
125 12.4 7.3 10.9#

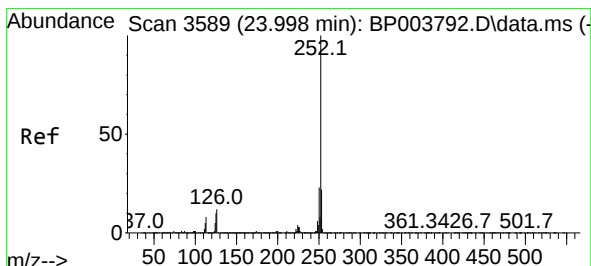
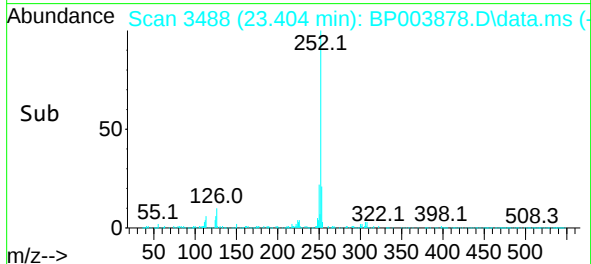
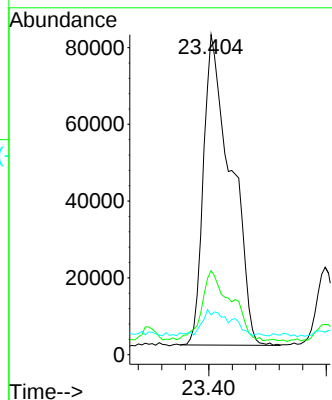
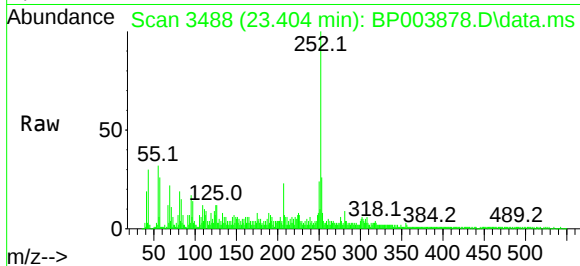




#89
Benzo(k)fluoranthene
Concen: 6.10 ng
RT: 23.404 min Scan# 3488
Delta R.T. -0.035 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

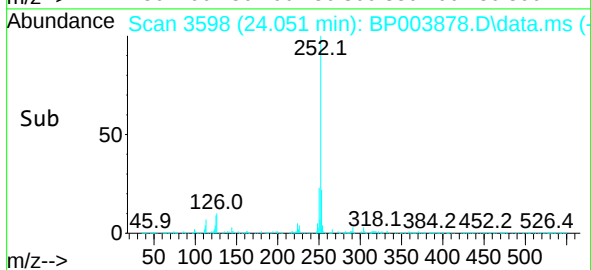
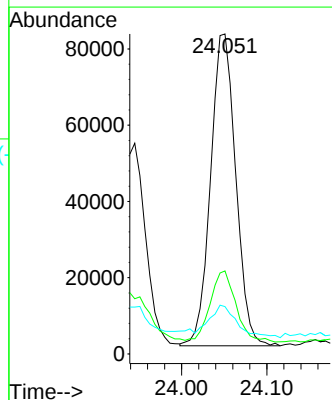
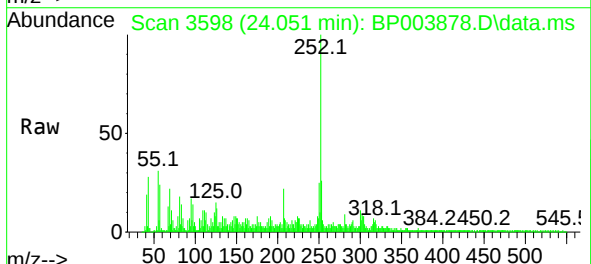
Instrument :
BNA_P
ClientSampleId :
TR-04-110620

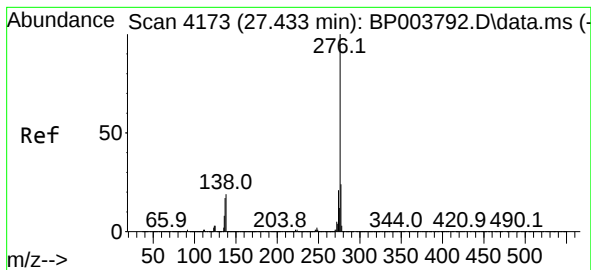
Tgt Ion:252 Resp: 263663
Ion Ratio Lower Upper
252 100
253 26.3 17.8 26.8
125 12.4 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 4.15 ng
RT: 24.051 min Scan# 3598
Delta R.T. 0.018 min
Lab File: BP003878.D
Acq: 09 Nov 2020 20:47

Tgt Ion:252 Resp: 168183
Ion Ratio Lower Upper
252 100
253 26.0 17.4 26.0
125 14.8 8.2 12.4#





#92
 Benzo(g,h,i)perylene
 Concen: 2.69 ng
 RT: 27.509 min Scan# 4186
 Delta R.T. 0.018 min
 Lab File: BP003878.D
 Acq: 09 Nov 2020 20:47

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-110620

Tgt Ion:	276	Resp:	104627
Ion	Ratio	Lower	Upper
276	100		
277	28.2	19.0	28.6
138	23.9	16.6	24.8

