

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110620\
 Data File : BP003847.D
 Acq On : 06 Nov 2020 19:06
 Operator : CG/JU
 Sample : L4608-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PE-4

Quant Time: Nov 06 23:34:01 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)

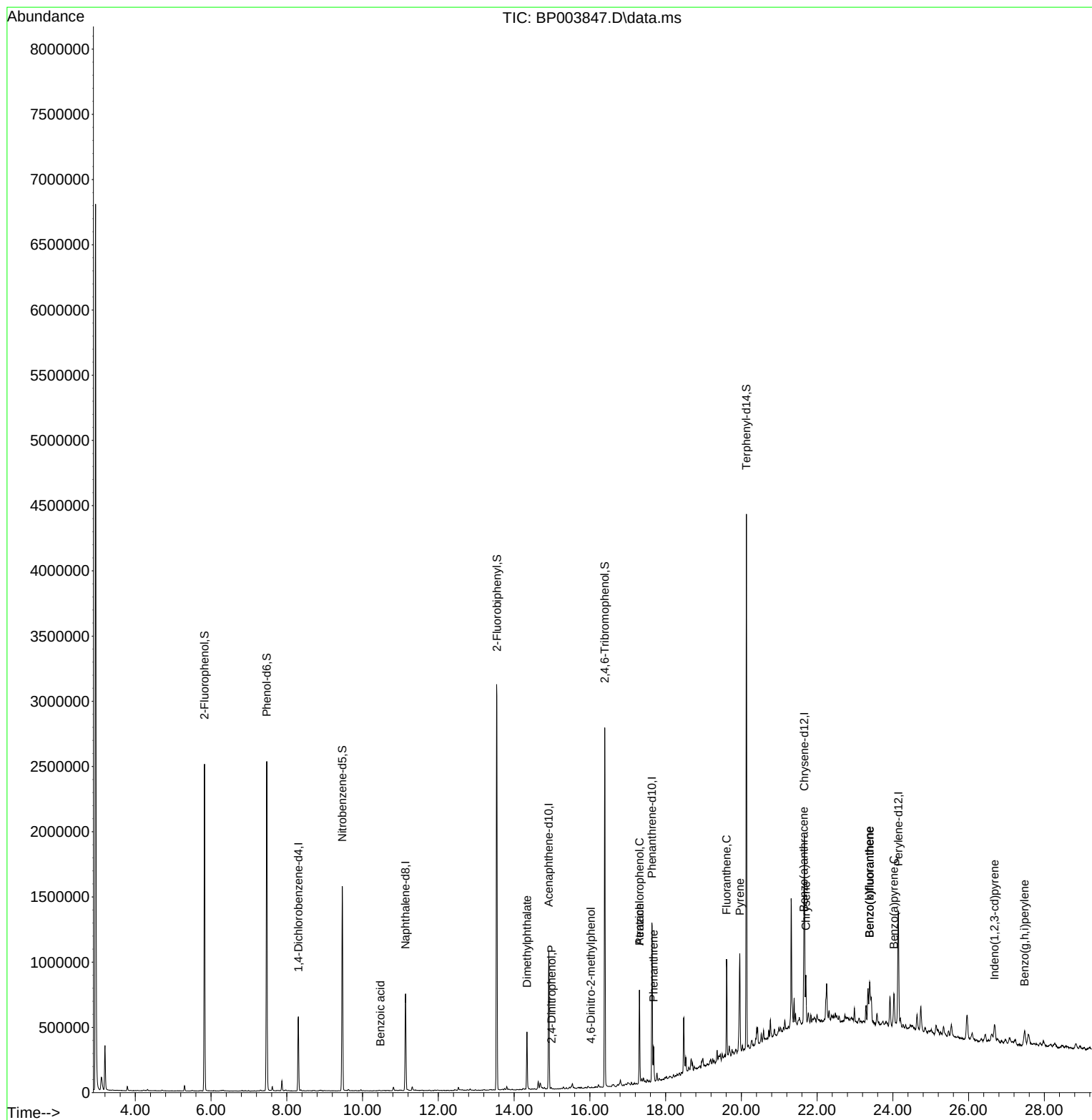
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.304	152	153831	20.00	ng	0.00
21) Naphthalene-d8	11.134	136	590097	20.00	ng	# 0.00
39) Acenaphthene-d10	14.916	164	359187	20.00	ng	0.00
64) Phenanthrene-d10	17.639	188	739676	20.00	ng	# 0.00
76) Chrysene-d12	21.663	240	680538	20.00	ng	0.00
86) Perylene-d12	24.145	264	707636	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.828	112	1055134	114.48	ng	0.00
7) Phenol-d6	7.469	99	1381436	104.41	ng	0.00
23) Nitrobenzene-d5	9.463	82	872405	72.41	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	518281	115.37	ng	0.00
45) 2-Fluorobiphenyl	13.545	172	1616778	62.93	ng	0.00
79) Terphenyl-d14	20.133	244	1670956	47.44	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.399	77	964	Below Cal	#	75
32) Benzoic acid	10.469	122	67	8.32	ng	92
50) Dimethylphthalate	14.339	163	273032	9.72	ng	99
54) 2,4-Dinitrophenol	14.986	184	20	2.74	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.028	198	57	6.35	ng	# 1
69) Atrazine	17.310	200	24064	3.24	ng	# 38
70) Pentachlorophenol	17.310	266	132481	28.04	ng	97
71) Phenanthrene	17.680	178	161666	3.89	ng	100
75) Fluoranthene	19.610	202	432330	9.03	ng	98
78) Pyrene	19.963	202	405370	8.78	ng	98
81) Benzo(a)anthracene	21.645	228	211525	4.71	ng	97
83) Chrysene	21.704	228	228605	5.30	ng	98
87) Indeno(1,2,3-cd)pyrene	26.686	276	136321	2.67	ng	# 94
88) Benzo(b)fluoranthene	23.386	252	375201	8.10	ng	# 96
89) Benzo(k)fluoranthene	23.386	252	375201	8.21	ng	# 97
90) Benzo(a)pyrene	24.027	252	196901	4.59	ng	97
92) Benzo(g,h,i)perylene	27.480	276	136182	3.31	ng	95

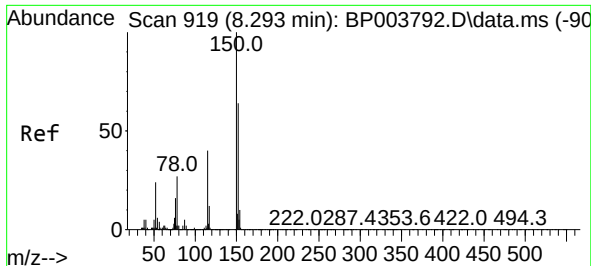
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 06 11:33:14 2020
Response via : Initial Calibration

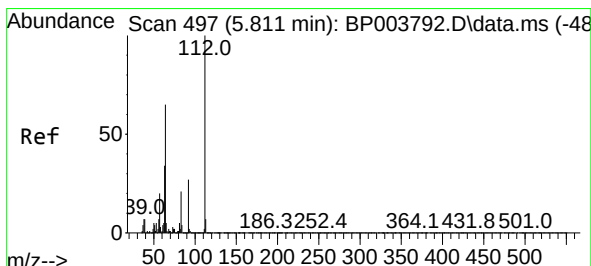
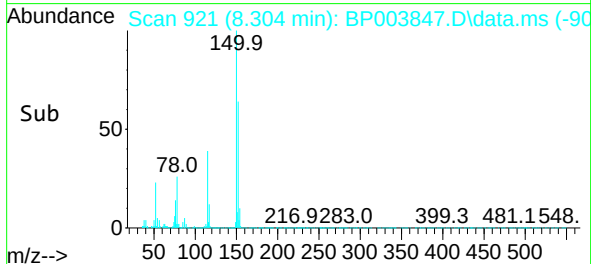
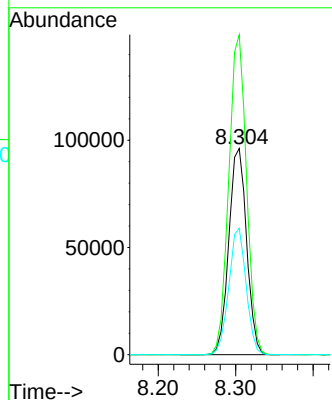
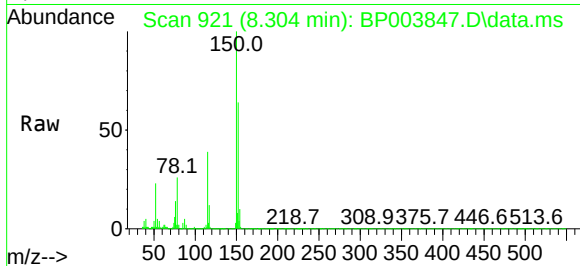




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.304 min Scan# 921
Delta R.T. -0.001 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

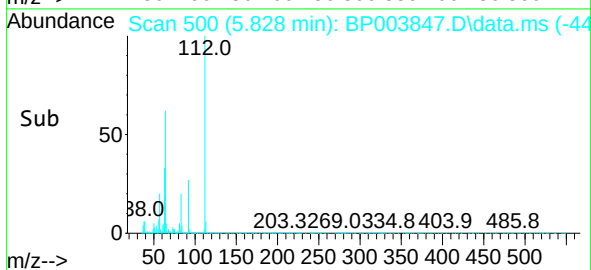
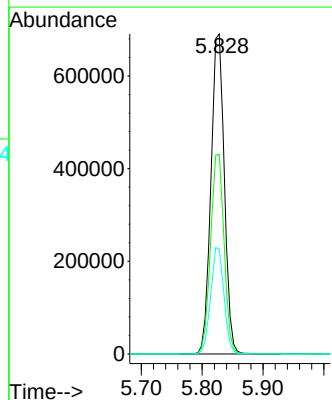
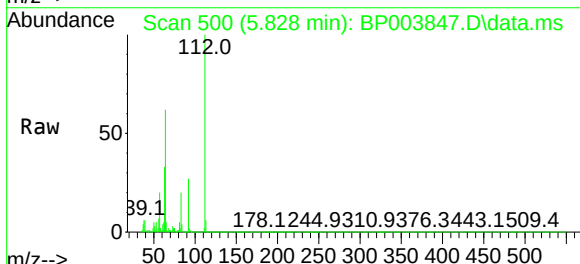
Instrument :
BNA_P
ClientSampled :
PE-4

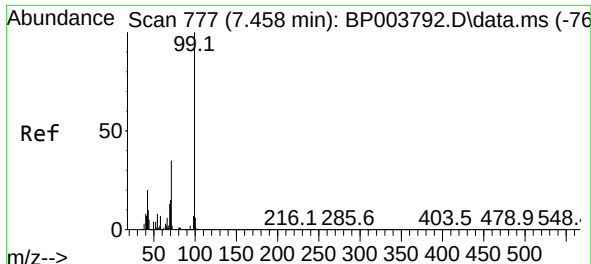
Tgt Ion:152 Resp: 153831
Ion Ratio Lower Upper
152 100
150 155.2 123.8 185.6
115 61.3 43.8 65.6



#5
2-Fluorophenol
Concen: 114.48 ng
RT: 5.828 min Scan# 500
Delta R.T. 0.006 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

Tgt Ion:112 Resp: 1055134
Ion Ratio Lower Upper
112 100
64 62.4 32.8 49.2#
63 32.8 17.0 25.4#

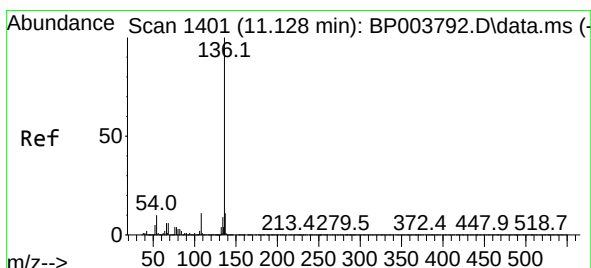
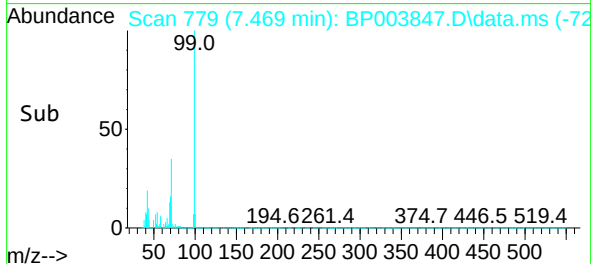
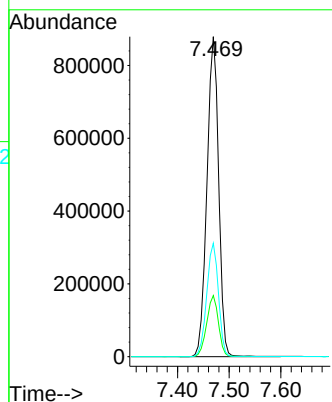
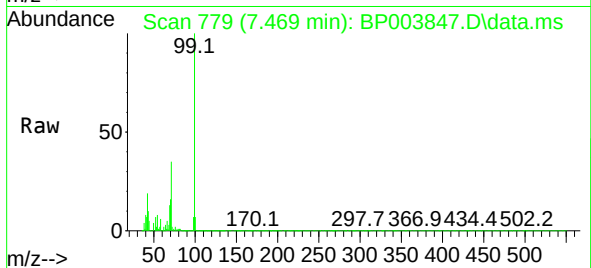




#7
Phenol-d6
Concen: 104.41 ng
RT: 7.469 min Scan# 779
Delta R.T. -0.000 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

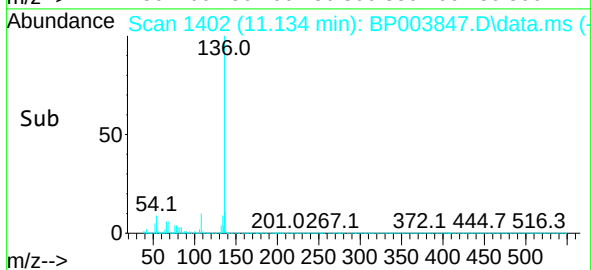
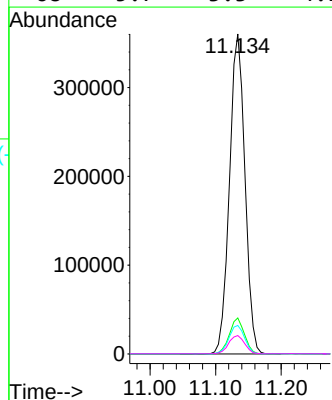
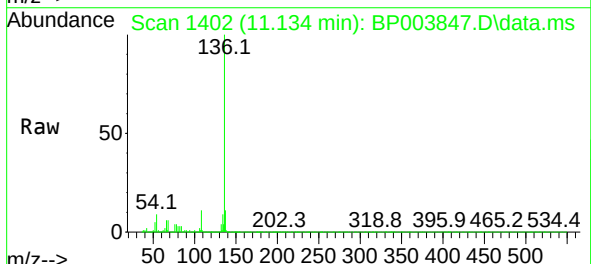
Instrument :
BNA_P
ClientSampleId :
PE-4

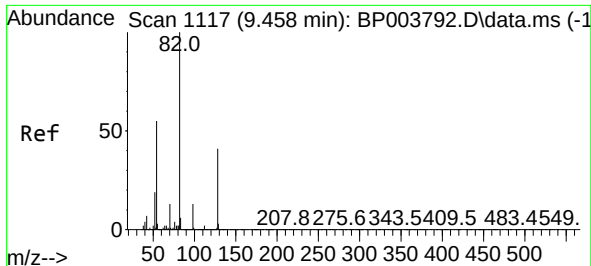
Tgt Ion: 99 Resp: 1381436
Ion Ratio Lower Upper
99 100
42 19.1 8.6 13.0#
71 35.5 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.134 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

Tgt Ion: 136 Resp: 590097
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.9 3.6 5.4#
68 5.7 3.3 4.9#

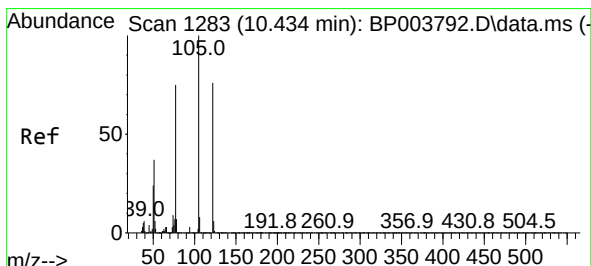
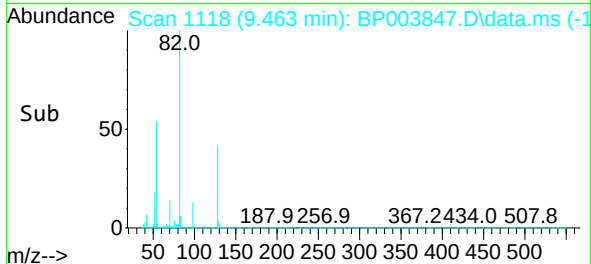
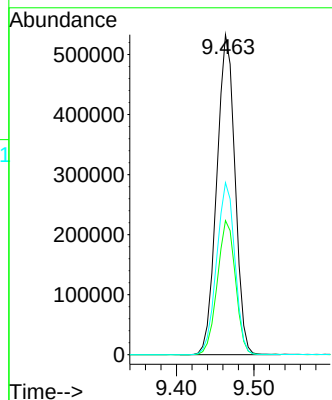
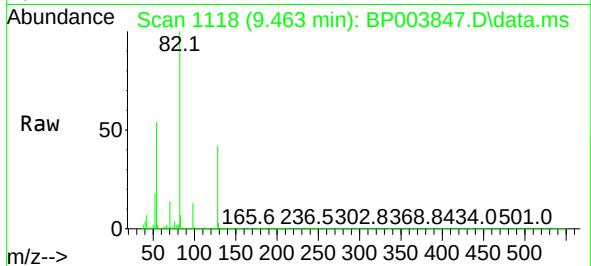




#23
Nitrobenzene-d5
Concen: 72.41 ng
RT: 9.463 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

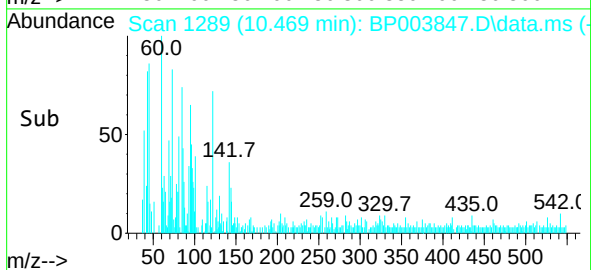
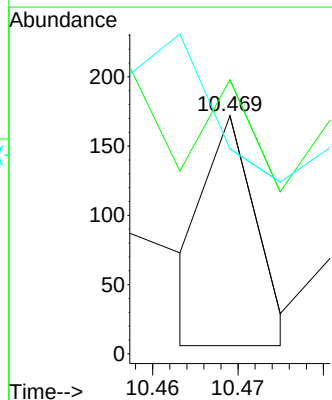
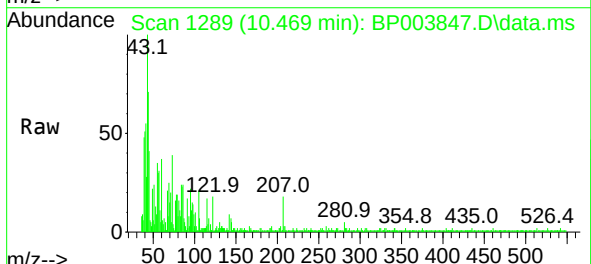
Instrument :
BNA_P
ClientSampled :
PE-4

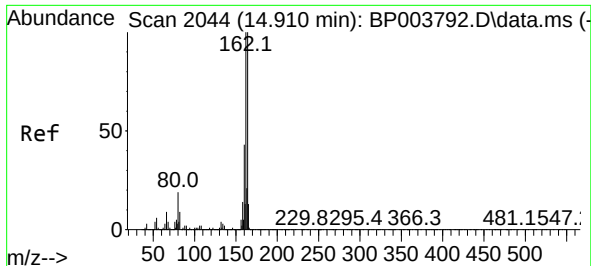
Tgt Ion: 82 Resp: 872405
Ion Ratio Lower Upper
82 100
128 41.9 45.6 68.4#
54 53.8 30.1 45.1#



#32
Benzoic acid
Concen: 8.32 ng
RT: 10.469 min Scan# 1289
Delta R.T. 0.018 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

Tgt Ion: 122 Resp: 67
Ion Ratio Lower Upper
122 100
105 115.1 94.1 134.1
77 86.0 50.1 90.1

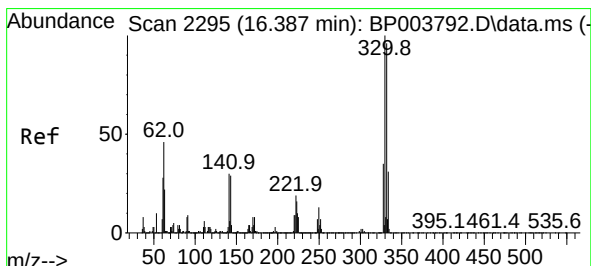
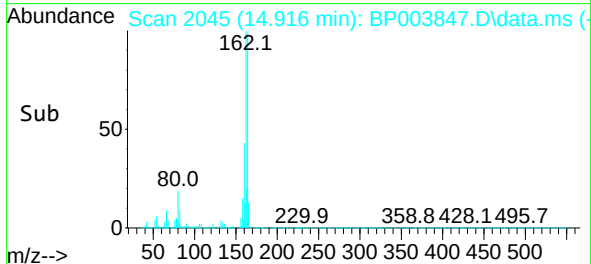
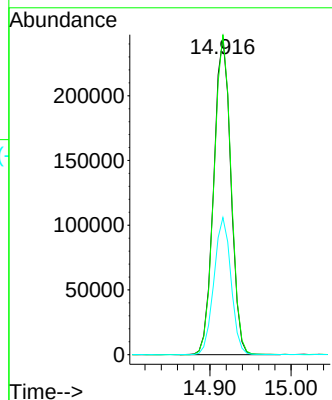
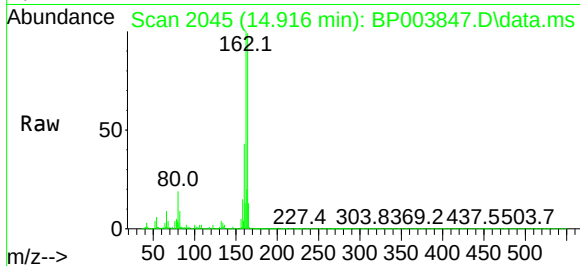




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.916 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

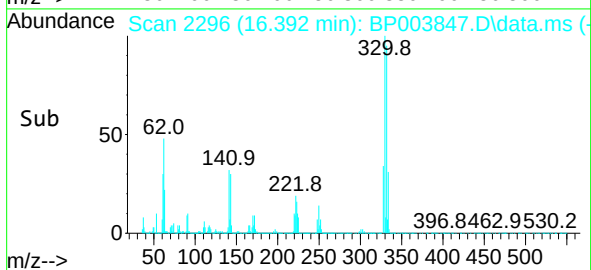
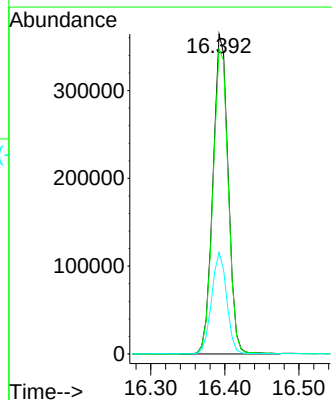
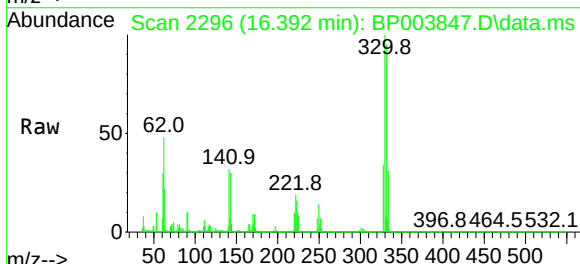
Instrument :
BNA_P
ClientSampleId :
PE-4

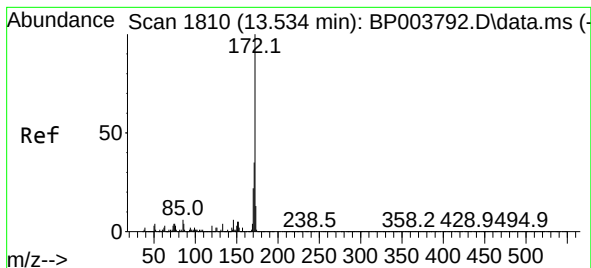
Tgt Ion:164 Resp: 359187
Ion Ratio Lower Upper
164 100
162 101.0 79.4 119.2
160 43.3 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 115.37 ng
RT: 16.392 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

Tgt Ion:330 Resp: 518281
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 31.4 23.4 35.2

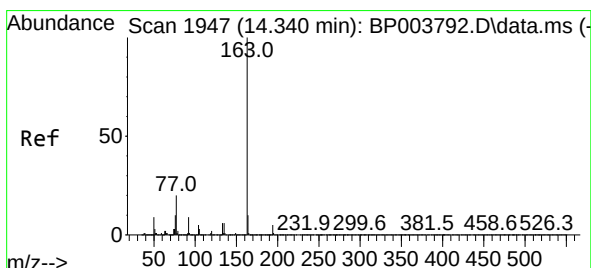
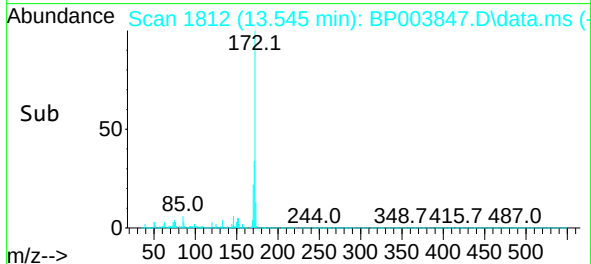
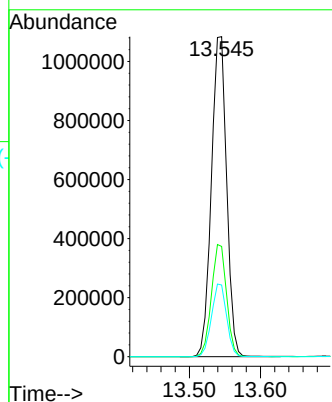
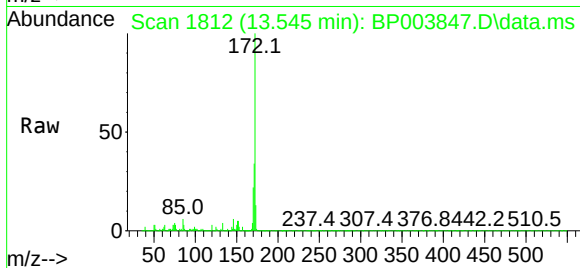




#45
2-Fluorobiphenyl
Concen: 62.93 ng
RT: 13.545 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

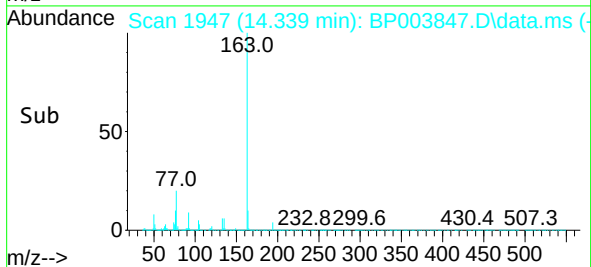
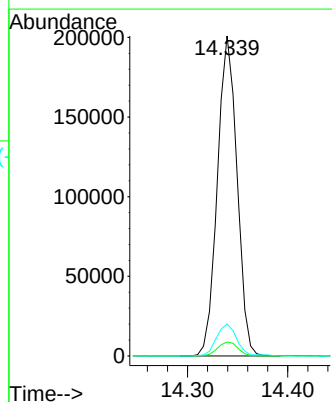
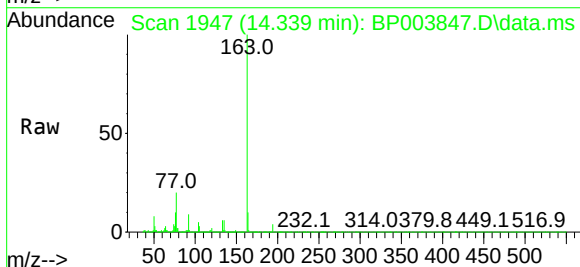
Instrument :
BNA_P
ClientSampleId :
PE-4

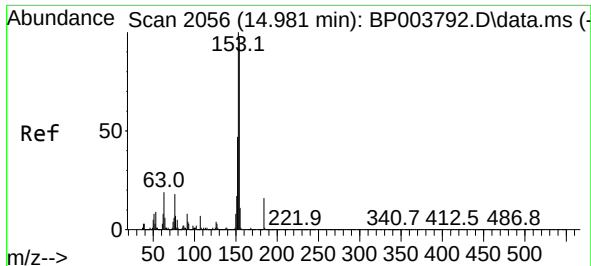
Tgt Ion:172 Resp: 1616778
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 22.4 19.2 28.8



#50
Dimethylphthalate
Concen: 9.72 ng
RT: 14.339 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

Tgt Ion:163 Resp: 273032
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.0 8.2 12.2

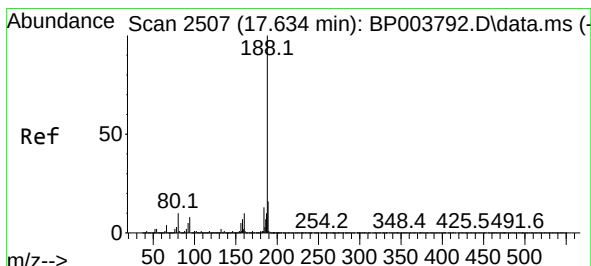
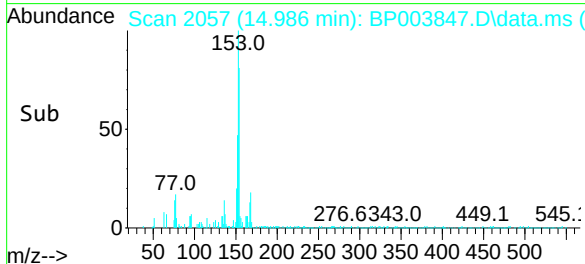
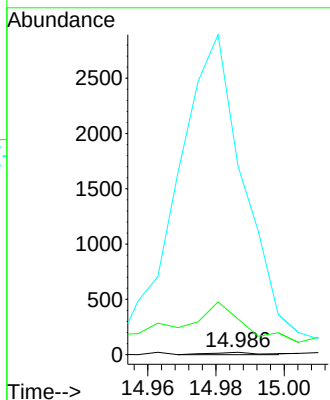
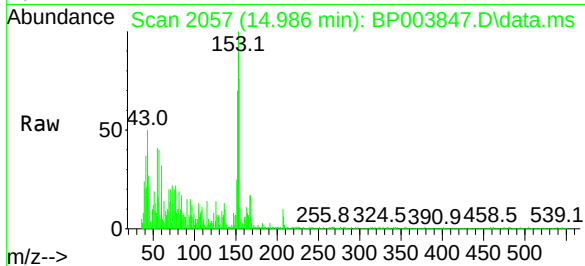




#54
2,4-Dinitrophenol
Concen: 2.74 ng
RT: 14.986 min Scan# 2057
Delta R.T. -0.012 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

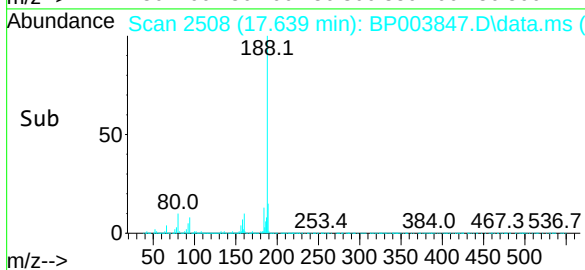
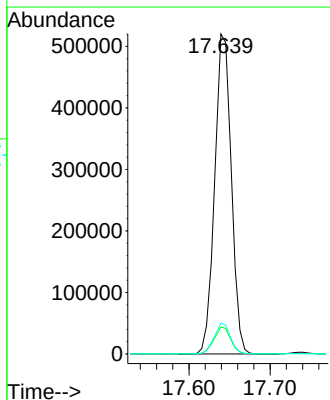
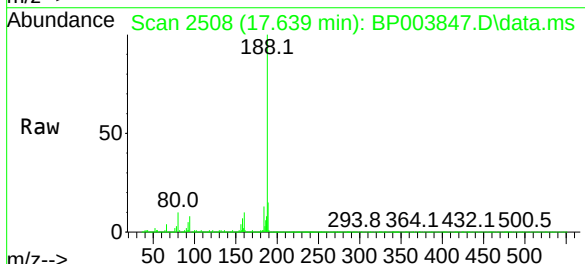
Instrument :
BNA_P
ClientSampled :
PE-4

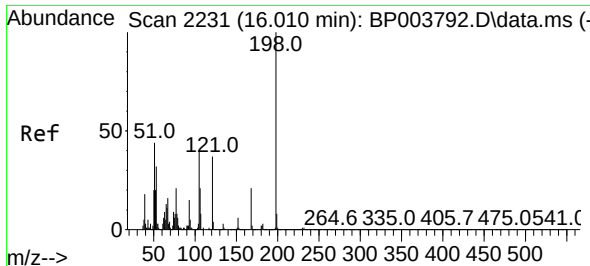
Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 1538.1 32.3 48.5#
154 8114.3 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.639 min Scan# 2508
Delta R.T. -0.006 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

Tgt Ion:188 Resp: 739676
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 9.7 6.2 9.2#

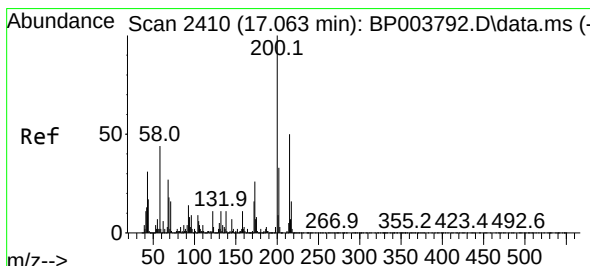
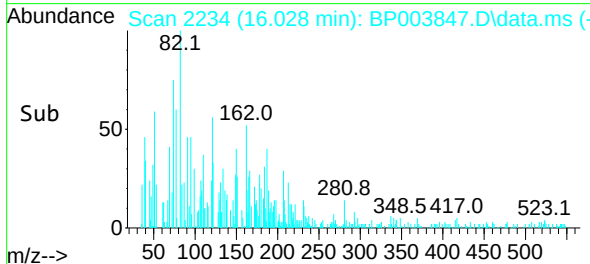
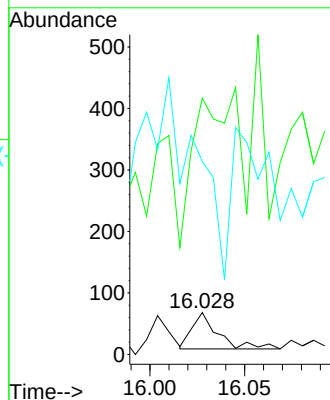
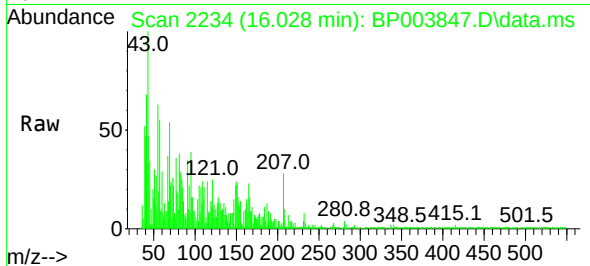




#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.028 min Scan# 2234
Delta R.T. 0.006 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

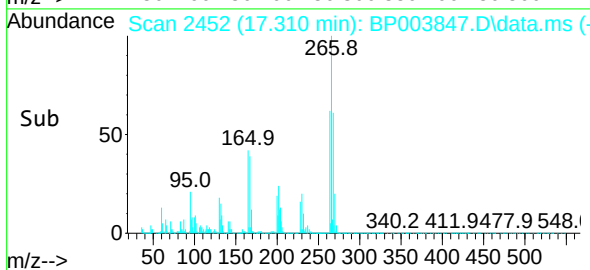
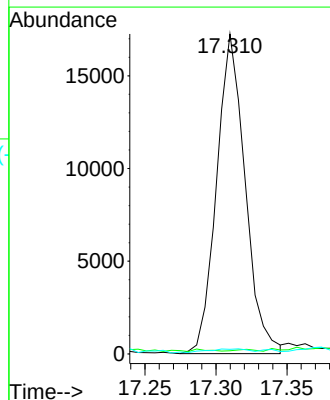
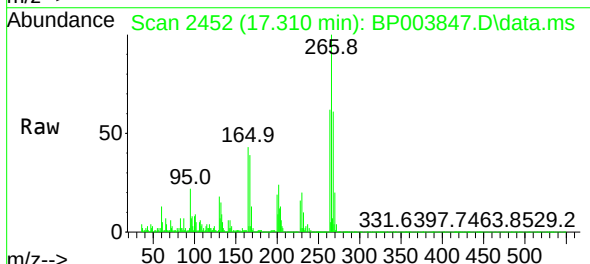
Instrument :
BNA_P
ClientSampled :
PE-4

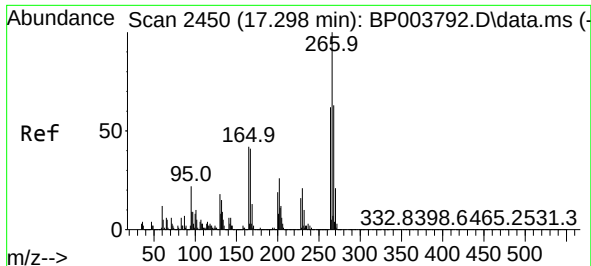
Tgt Ion:198 Resp: 57
Ion Ratio Lower Upper
198 100
51 613.2 6.4 46.4#
105 461.8 18.9 58.9#



#69
Atrazine
Concen: 3.24 ng
RT: 17.310 min Scan# 2452
Delta R.T. 0.235 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

Tgt Ion:200 Resp: 24064
Ion Ratio Lower Upper
200 100
173 1.0 5.9 45.9#
215 1.5 28.4 68.4#

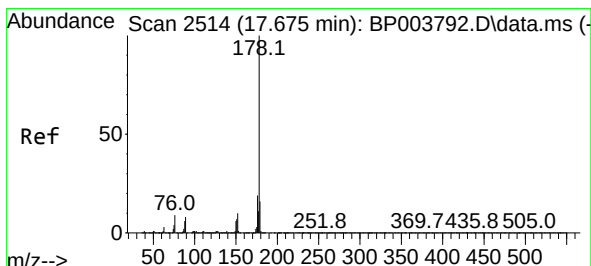
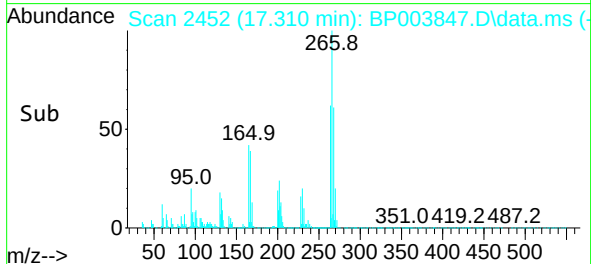
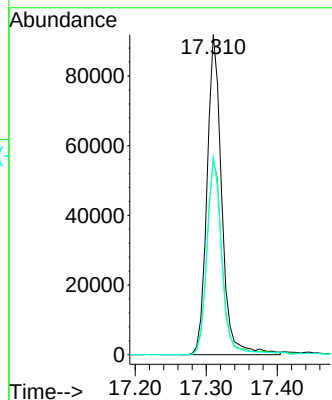
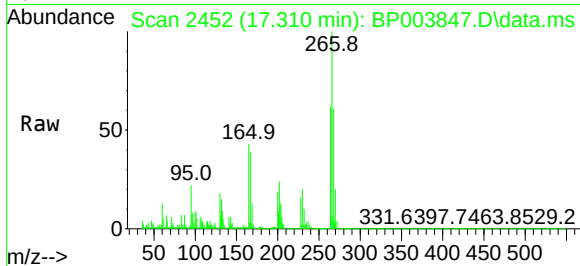




#70
Pentachlorophenol
Concen: 28.04 ng
RT: 17.310 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

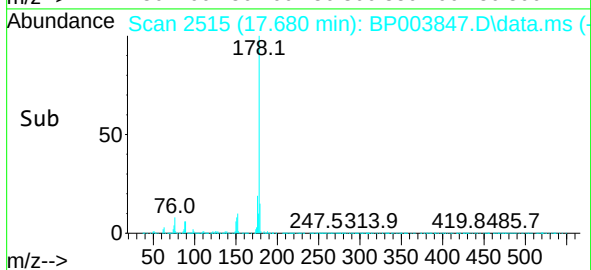
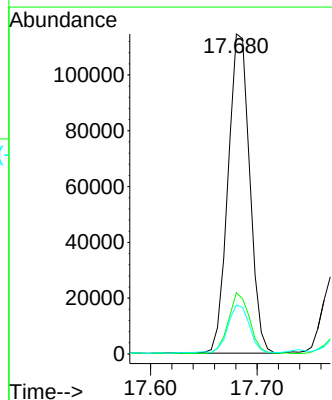
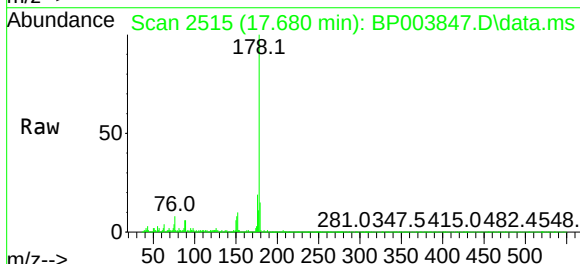
Instrument :
BNA_P
ClientSampled :
PE-4

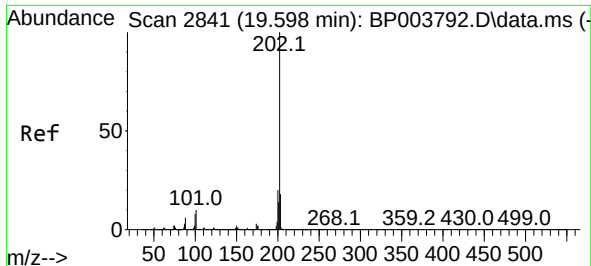
Tgt Ion:266 Resp: 132481
Ion Ratio Lower Upper
266 100
268 60.8 51.1 76.7
264 61.9 50.6 76.0



#71
Phenanthrene
Concen: 3.89 ng
RT: 17.680 min Scan# 2515
Delta R.T. -0.006 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

Tgt Ion:178 Resp: 161666
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.3 12.5 18.7

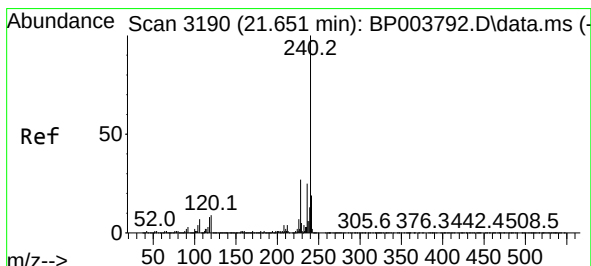
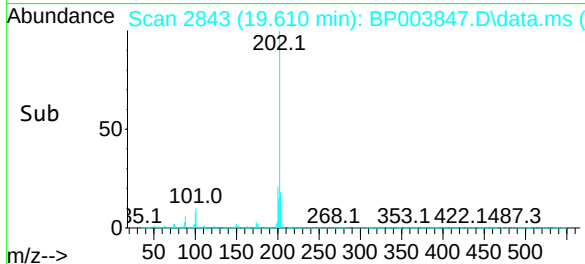
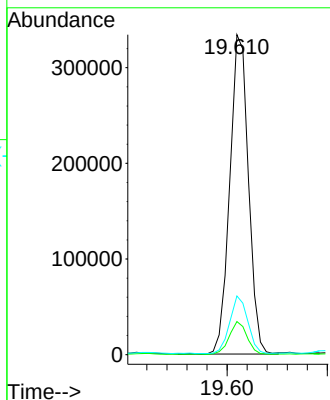
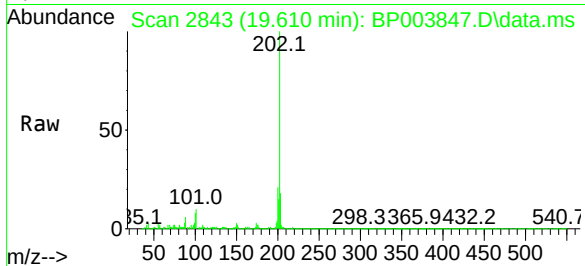




#75
Fluoranthene
Concen: 9.03 ng
RT: 19.610 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

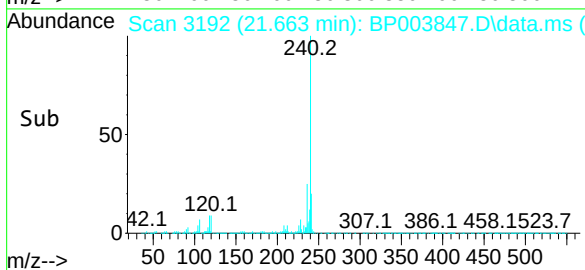
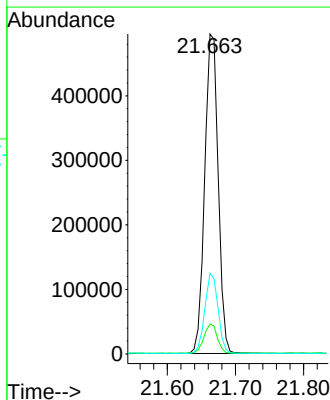
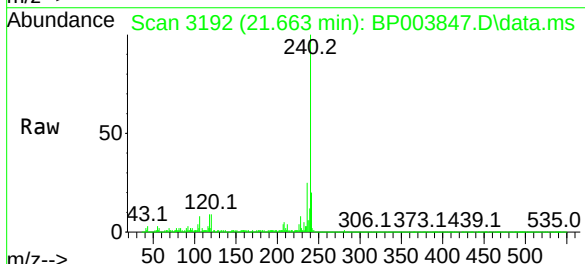
Instrument :
BNA_P
ClientSampleId :
PE-4

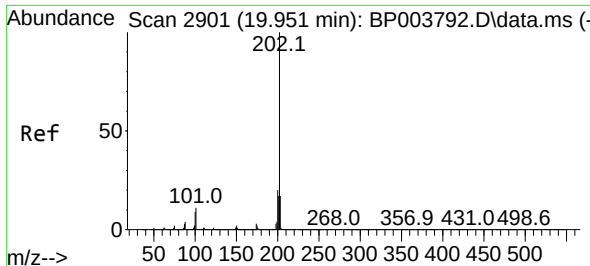
Tgt Ion:202 Resp: 432330
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.4
203 18.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.663 min Scan# 3192
Delta R.T. -0.006 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

Tgt Ion:240 Resp: 680538
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.6
236 25.2 20.8 31.2

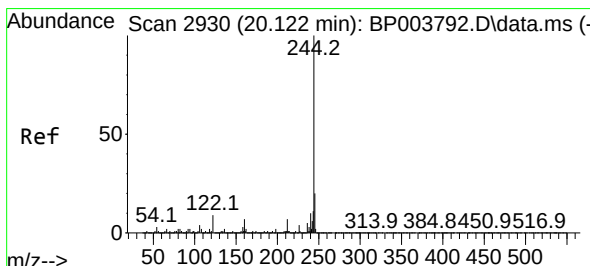
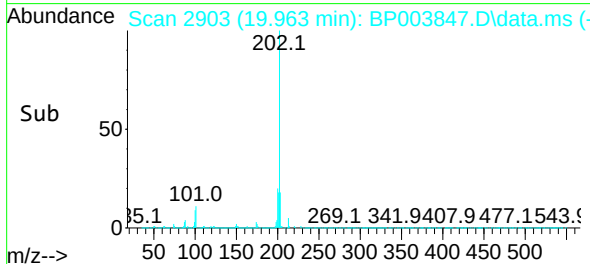
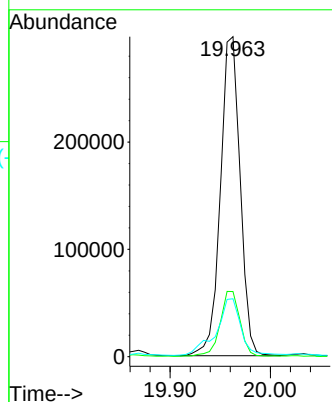
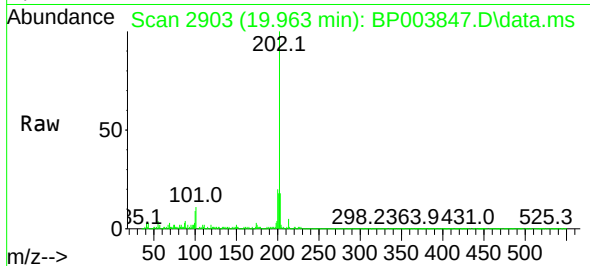




#78
Pyrene
Concen: 8.78 ng
RT: 19.963 min Scan# 2903
Delta R.T. -0.000 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

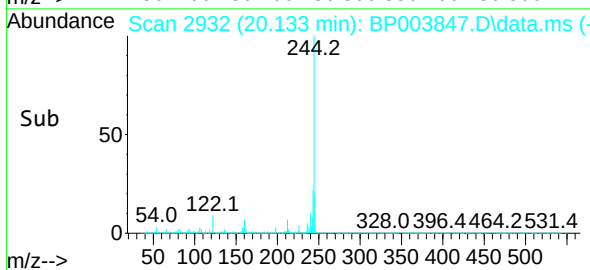
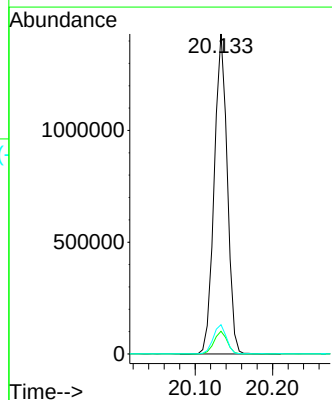
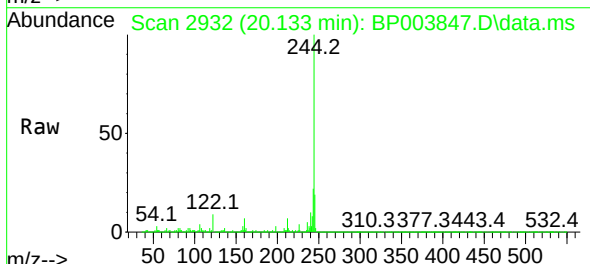
Instrument :
BNA_P
ClientSampleId :
PE-4

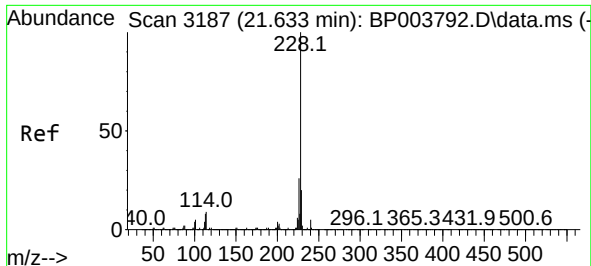
Tgt Ion:202 Resp: 405370
Ion Ratio Lower Upper
202 100
200 20.3 17.1 25.7
203 18.1 14.2 21.2



#79
Terphenyl-d14
Concen: 47.44 ng
RT: 20.133 min Scan# 2932
Delta R.T. -0.000 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

Tgt Ion:244 Resp: 1670956
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.1 7.8 11.8

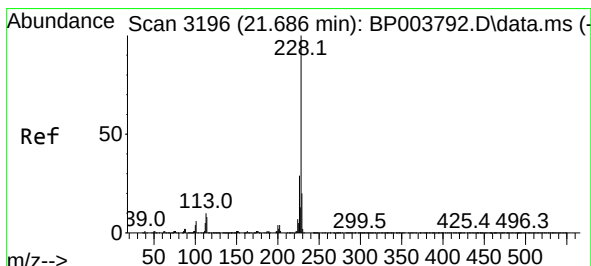
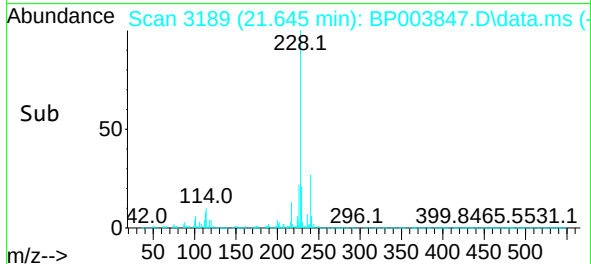
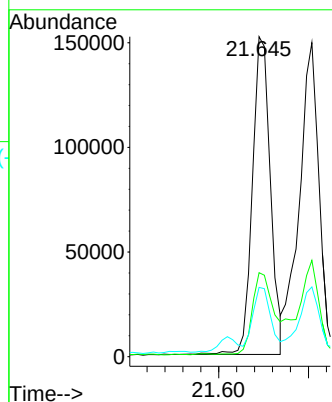
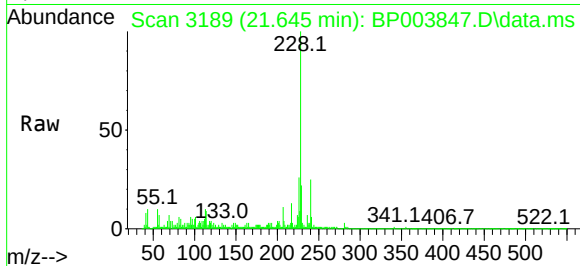




#81
Benzo(a)anthracene
Concen: 4.71 ng
RT: 21.645 min Scan# 3189
Delta R.T. -0.006 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

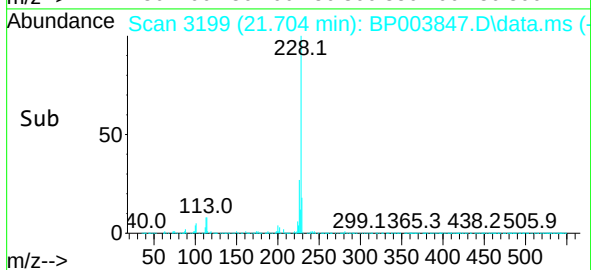
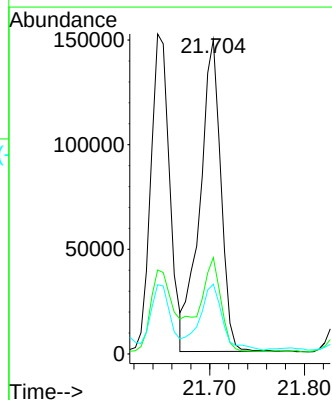
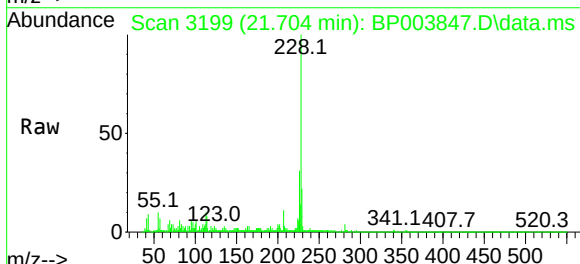
Instrument :
BNA_P
ClientSampled :
PE-4

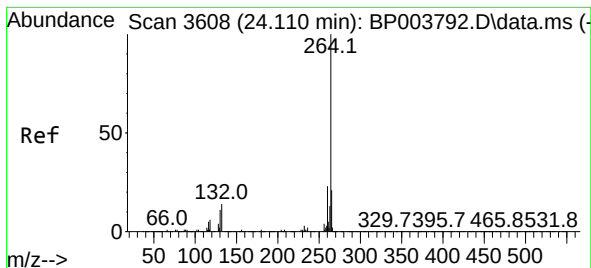
Tgt Ion:228 Resp: 211525
Ion Ratio Lower Upper
228 100
226 26.2 22.1 33.1
229 21.7 15.9 23.9



#83
Chrysene
Concen: 5.30 ng
RT: 21.704 min Scan# 3199
Delta R.T. -0.000 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

Tgt Ion:228 Resp: 228605
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 22.2 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: BP003847.D

Acq: 06 Nov 2020 19:06

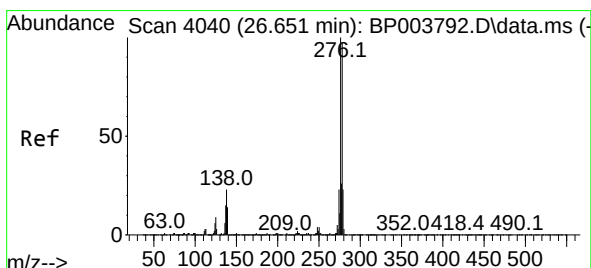
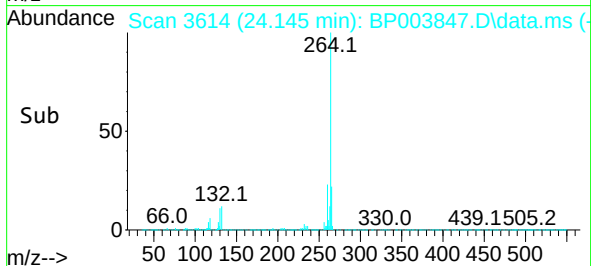
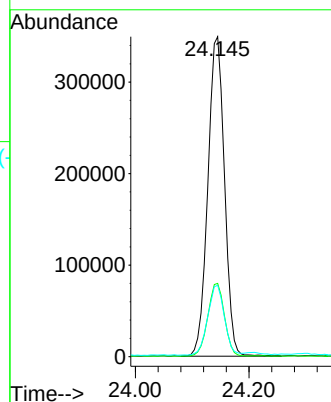
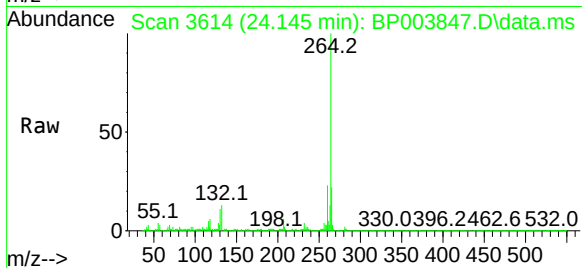
Tgt Ion:264 Resp: 707636

Ion Ratio Lower Upper

264 100

260 22.9 18.8 28.2

265 22.3 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.67 ng

RT: 26.686 min Scan# 4046

Delta R.T. -0.018 min

Lab File: BP003847.D

Acq: 06 Nov 2020 19:06

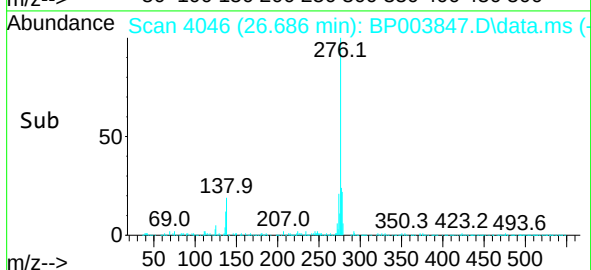
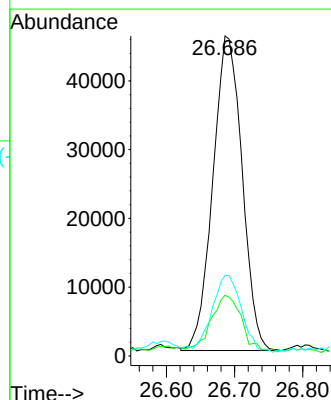
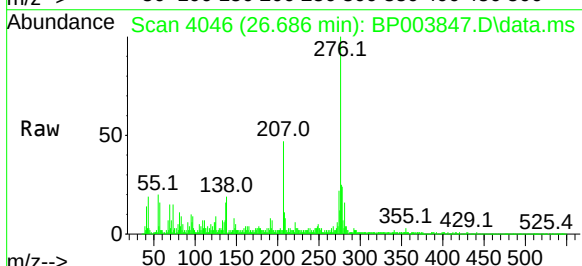
Tgt Ion:276 Resp: 136321

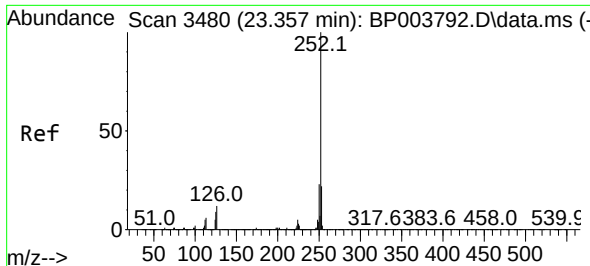
Ion Ratio Lower Upper

276 100

138 17.9 18.7 28.1#

277 24.6 20.4 30.6

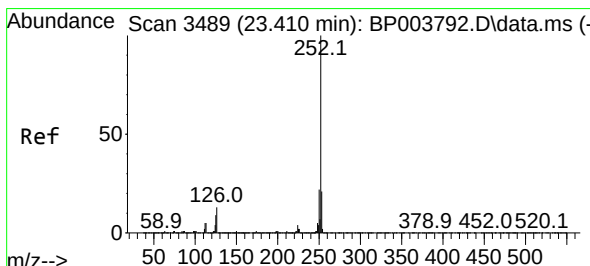
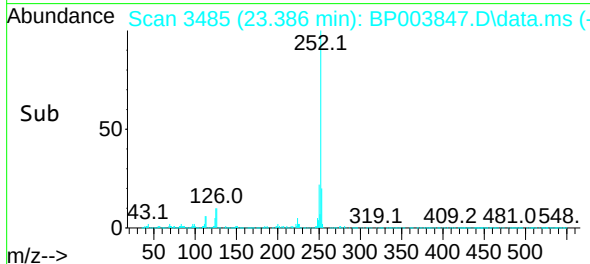
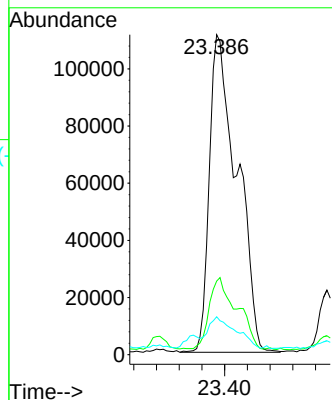
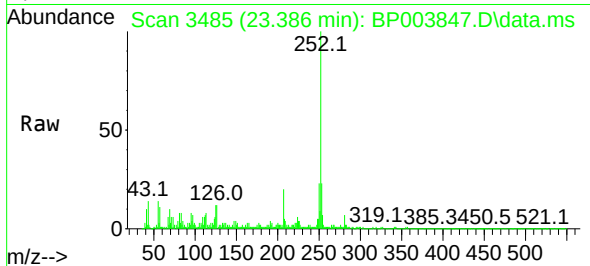




#88
Benzo(b)fluoranthene
Concen: 8.10 ng
RT: 23.386 min Scan# 3485
Delta R.T. -0.006 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

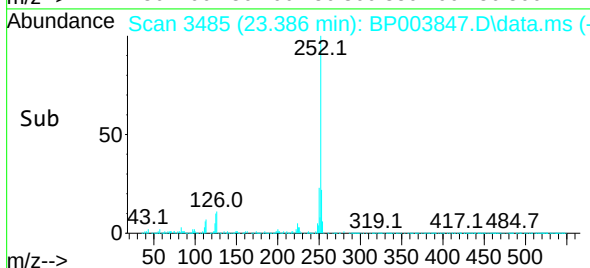
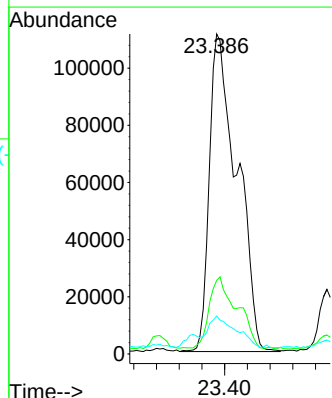
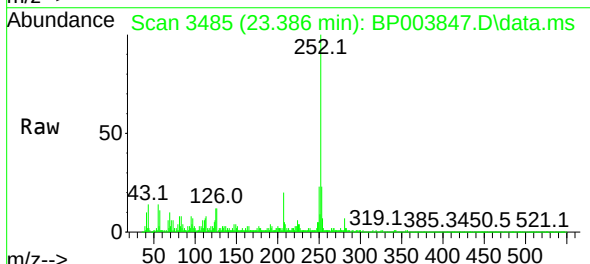
Instrument :
BNA_P
ClientSampled :
PE-4

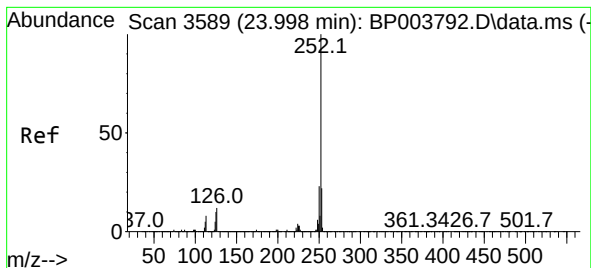
Tgt Ion:252 Resp: 375201
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 11.8 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 8.21 ng
RT: 23.386 min Scan# 3485
Delta R.T. -0.053 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

Tgt Ion:252 Resp: 375201
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 11.8 7.4 11.2#

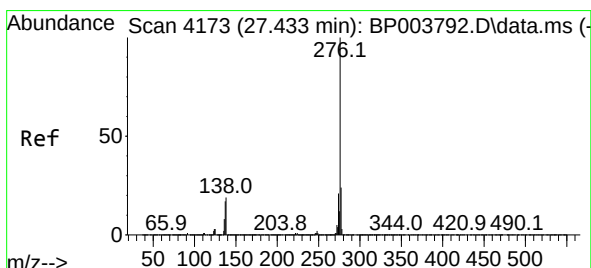
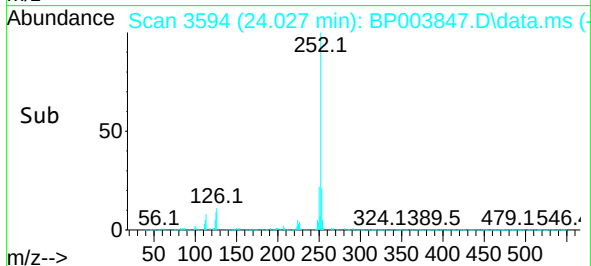
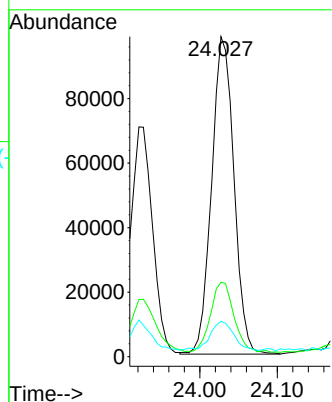
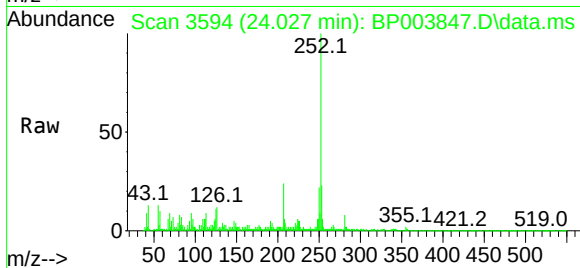




#90
Benzo(a)pyrene
Concen: 4.59 ng
RT: 24.027 min Scan# 3594
Delta R.T. -0.006 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

Instrument :
BNA_P
ClientSampled :
PE-4

Tgt Ion:252 Resp: 196901
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 11.0 8.2 12.4



#92
Benzo(g,h,i)perylene
Concen: 3.31 ng
RT: 27.480 min Scan# 4181
Delta R.T. -0.012 min
Lab File: BP003847.D
Acq: 06 Nov 2020 19:06

Tgt Ion:276 Resp: 136182
Ion Ratio Lower Upper
276 100
277 24.3 19.0 28.6
138 16.8 16.6 24.8

