

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
 Data File : BP003343.D
 Acq On : 22 Sep 2020 17:29
 Operator : CG/JU
 Sample : L4099-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 036

Quant Time: Sep 22 20:47:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 12:48:08 2020
 Response via : Initial Calibration

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

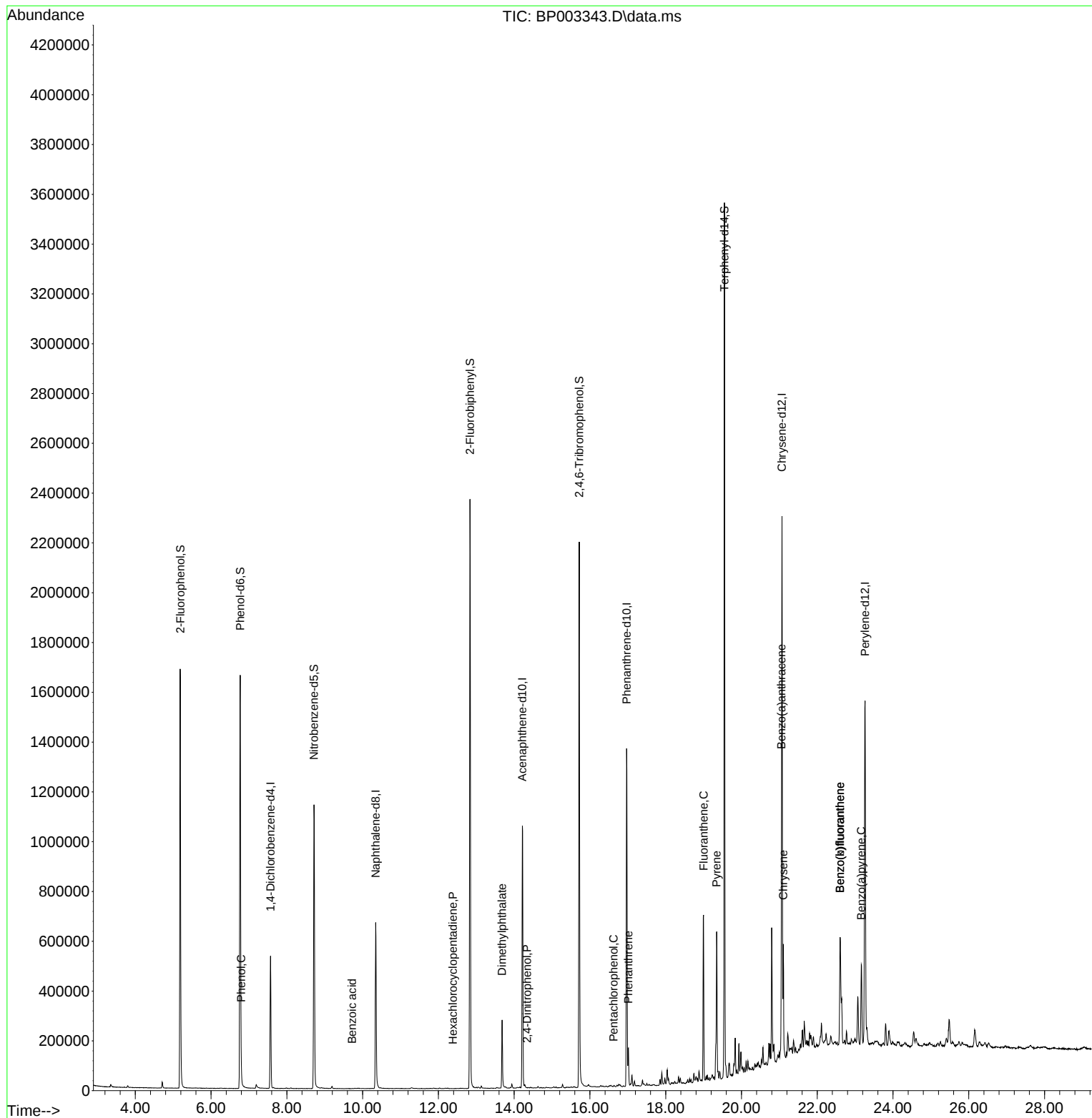
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	148380	20.00	ng	0.00
21) Naphthalene-d8	10.346	136	601076	20.00	ng	# 0.00
39) Acenaphthene-d10	14.216	164	375481	20.00	ng	0.00
64) Phenanthrene-d10	16.969	188	816444	20.00	ng	# 0.00
76) Chrysene-d12	21.069	240	912616	20.00	ng	0.00
86) Perylene-d12	23.263	264	971826	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	868210	102.17	ng	0.00
7) Phenol-d6	6.769	99	1118337	98.74	ng	0.00
23) Nitrobenzene-d5	8.716	82	726039	70.96	ng	0.00
42) 2,4,6-Tribromophenol	15.716	330	452914	79.08	ng	0.00
45) 2-Fluorobiphenyl	12.834	172	1242916	48.41	ng	0.00
79) Terphenyl-d14	19.551	244	1452896	33.17	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.793	94	21811	2.02	ng	# 71
32) Benzoic acid	9.722	122	16	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.381	237	13	6.84	ng	85
50) Dimethylphthalate	13.681	163	198179	6.61	ng	100
54) 2,4-Dinitrophenol	14.340	184	7	7.25	ng	# 1
70) Pentachlorophenol	16.622	266	65	6.78	ng	# 56
71) Phenanthrene	17.016	178	90259	2.03	ng	99
75) Fluoranthene	18.998	202	395824	7.09	ng	99
78) Pyrene	19.345	202	355112	6.24	ng	99
81) Benzo(a)anthracene	21.057	228	227441	3.86	ng	98
83) Chrysene	21.104	228	248116	4.38	ng	98
88) Benzo(b)fluoranthene	22.604	252	314370	5.12	ng	98
89) Benzo(k)fluoranthene	22.604	252	314370	5.34	ng	99
90) Benzo(a)pyrene	23.163	252	175941	3.04	ng	96

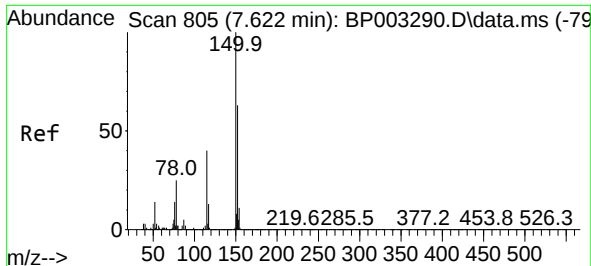
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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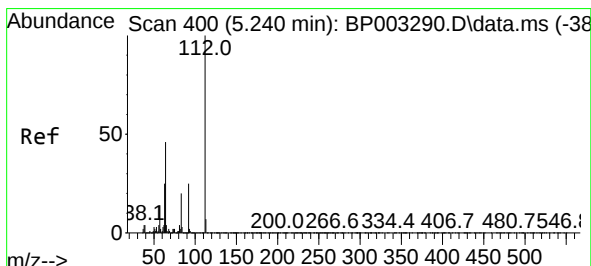
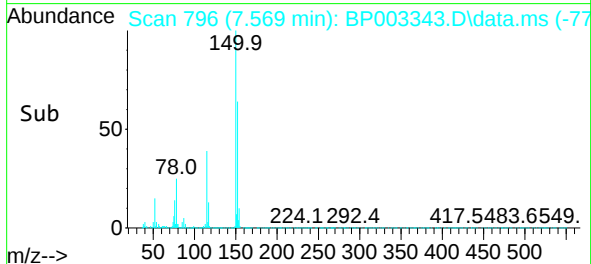
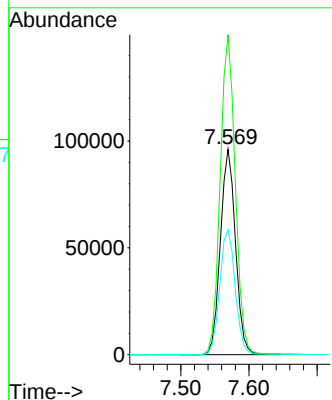
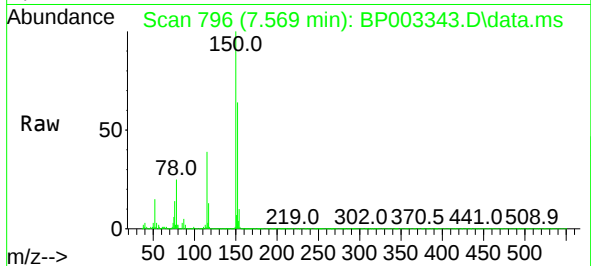




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.569 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

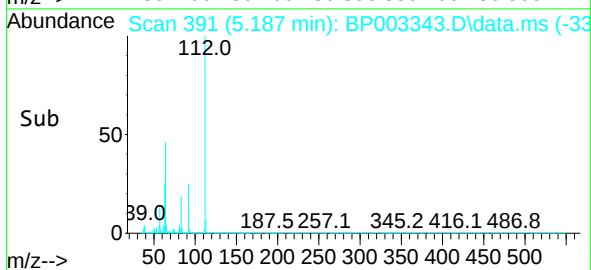
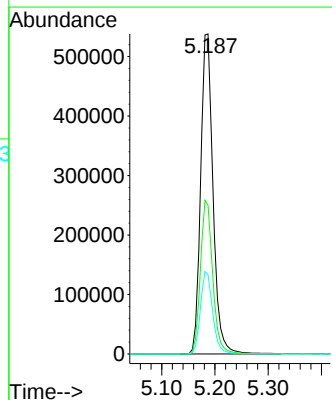
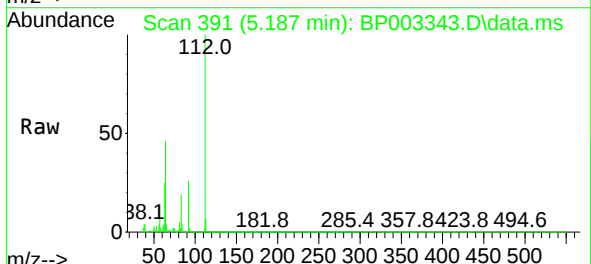
Instrument :
BNA_P
ClientSampleId :
036

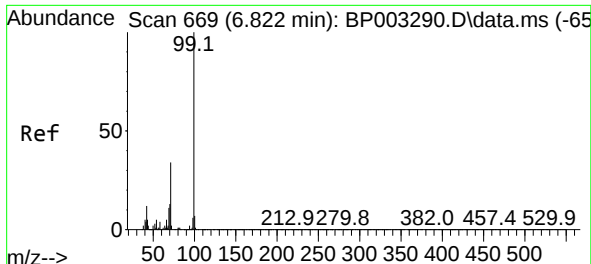
Tgt Ion:152 Resp: 148380
Ion Ratio Lower Upper
152 100
150 155.8 123.8 185.6
115 60.8 43.8 65.6



#5
2-Fluorophenol
Concen: 102.17 ng
RT: 5.187 min Scan# 391
Delta R.T. 0.006 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

Tgt Ion:112 Resp: 868210
Ion Ratio Lower Upper
112 100
64 46.5 32.8 49.2
63 24.7 17.0 25.4

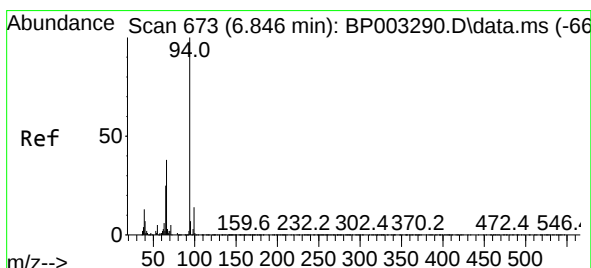
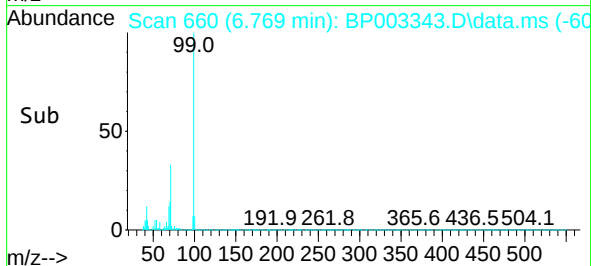
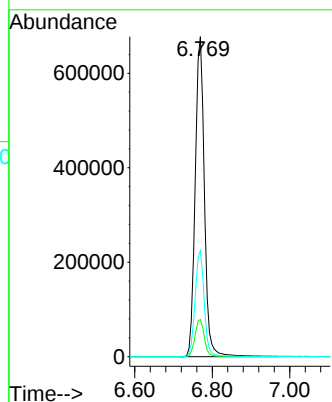
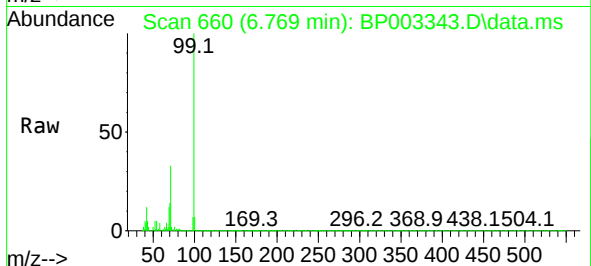




#7
Phenol-d6
Concen: 98.74 ng
RT: 6.769 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

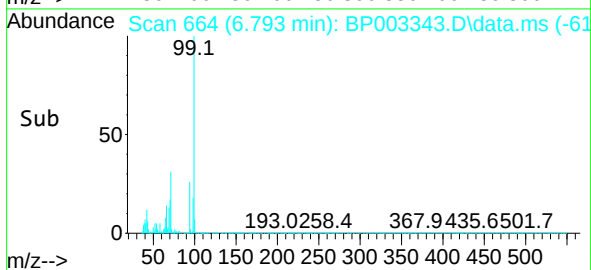
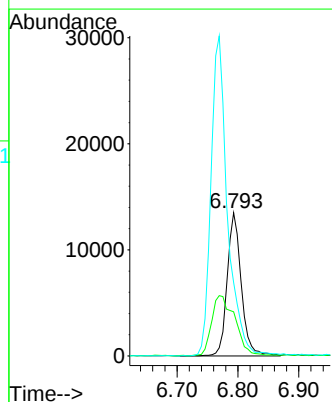
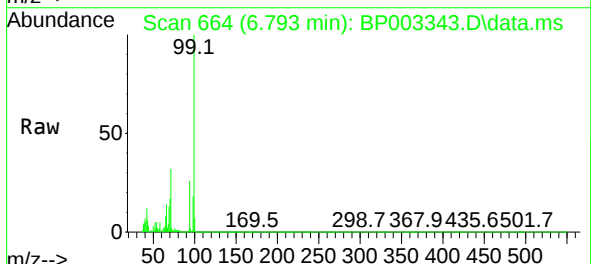
Instrument :
BNA_P
ClientSampleId :
036

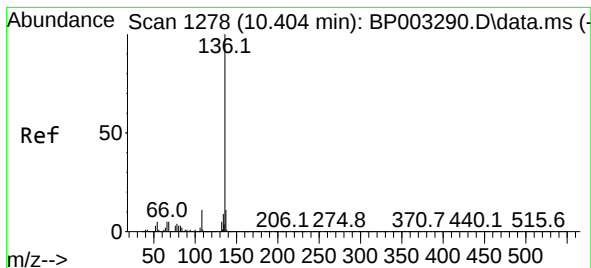
Tgt Ion: 99 Resp: 1118337
Ion Ratio Lower Upper
99 100
42 11.6 8.6 13.0
71 33.1 23.4 35.2



#10
Phenol
Concen: 2.02 ng
RT: 6.793 min Scan# 664
Delta R.T. 0.000 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

Tgt Ion: 94 Resp: 21811
Ion Ratio Lower Upper
94 100
65 30.8 2.3 42.3
66 51.3 10.9 50.9#

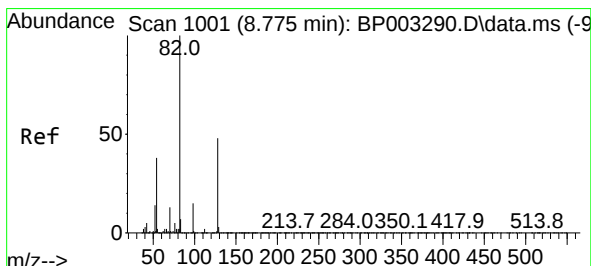
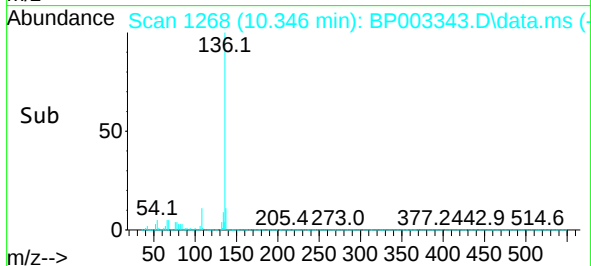
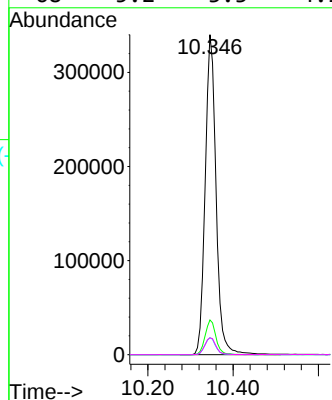
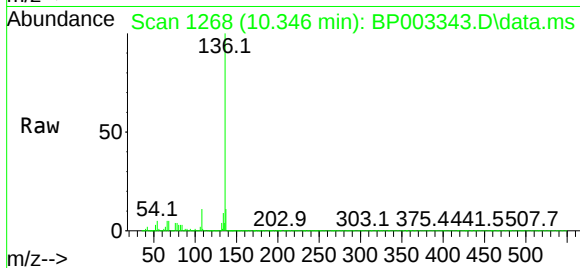




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.346 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

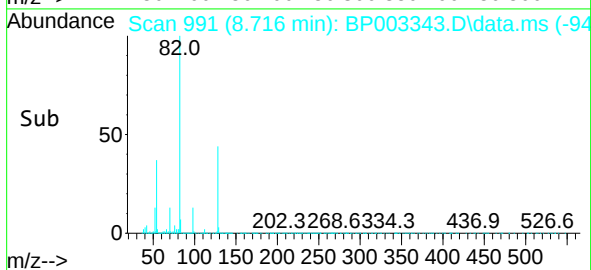
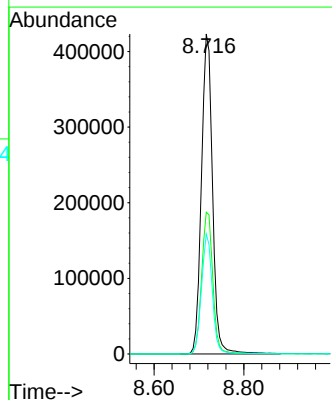
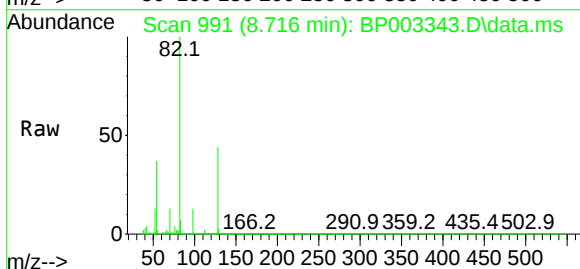
Instrument :
BNA_P
ClientSampleId :
036

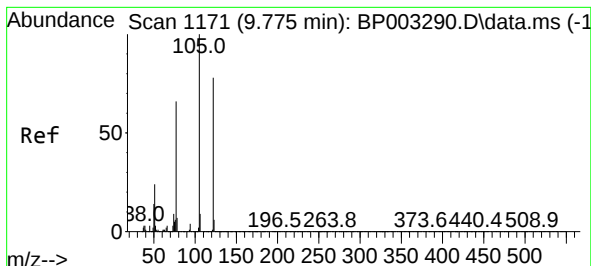
Tgt Ion:	136	Resp:	601076
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	5.4	3.6	5.4
68	5.2	3.3	4.9



#23
Nitrobenzene-d5
Concen: 70.96 ng
RT: 8.716 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

Tgt Ion:	82	Resp:	726039
Ion Ratio	Lower	Upper	
82	100		
128	44.3	45.6	68.4
54	37.4	30.1	45.1

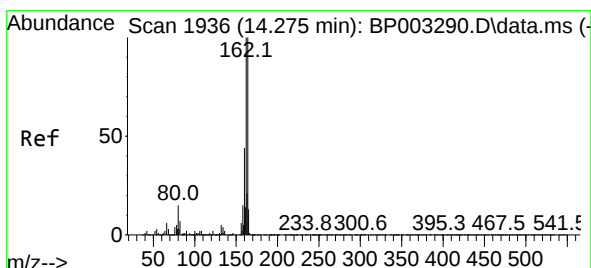
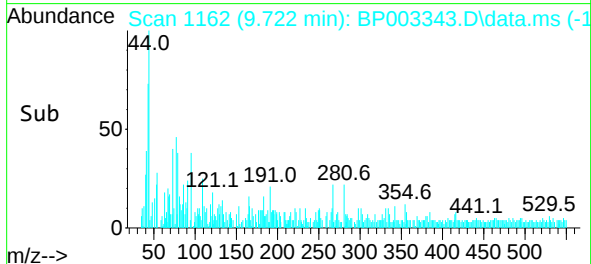
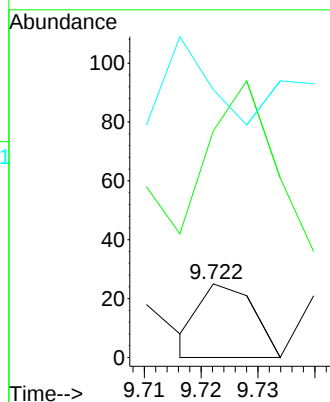
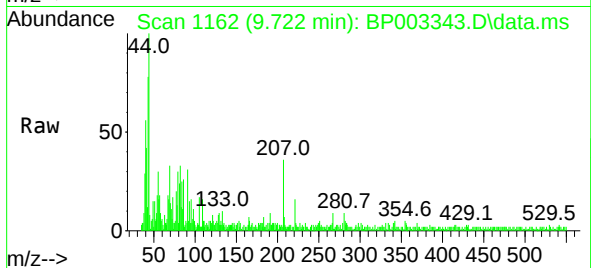




#32
Benzoic acid
Concen: 9.16 ng
RT: 9.722 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

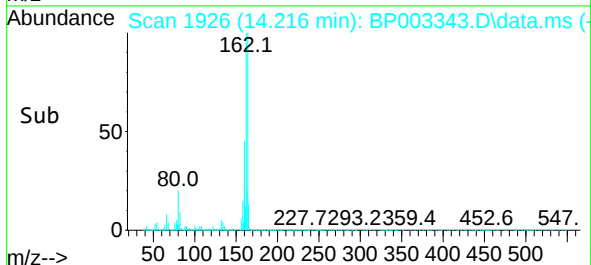
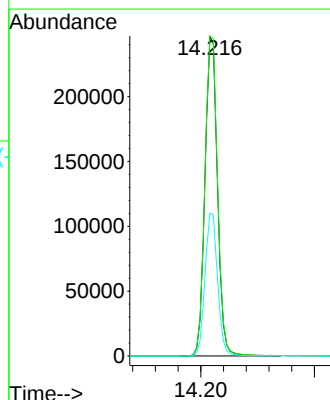
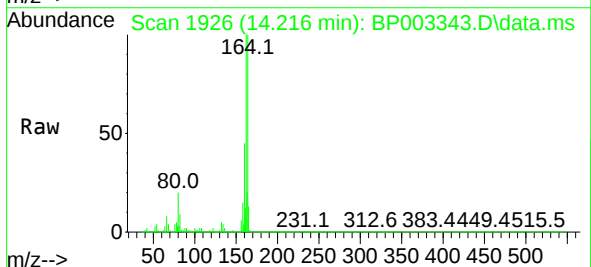
Instrument :
BNA_P
ClientSampled :
036

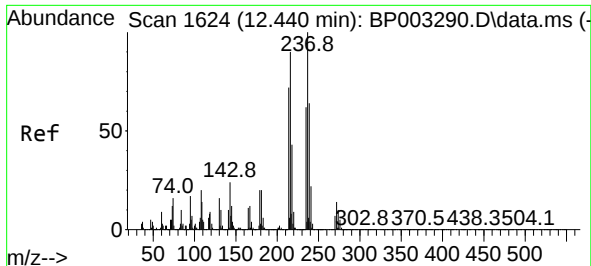
Tgt Ion:122 Resp: 16
Ion Ratio Lower Upper
122 100
105 344.0 94.1 134.1#
77 364.0 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.216 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

Tgt Ion:164 Resp: 375481
Ion Ratio Lower Upper
164 100
162 100.3 79.4 119.2
160 44.8 36.1 54.1

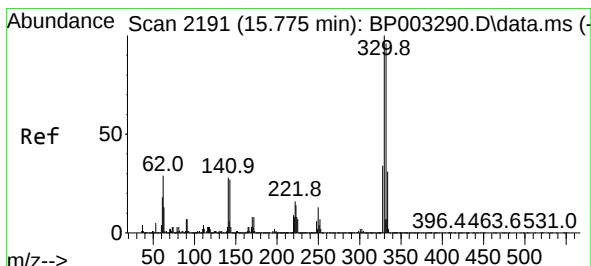
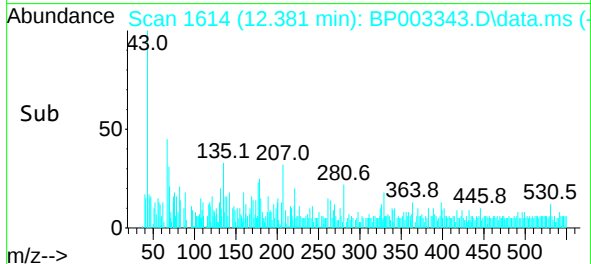
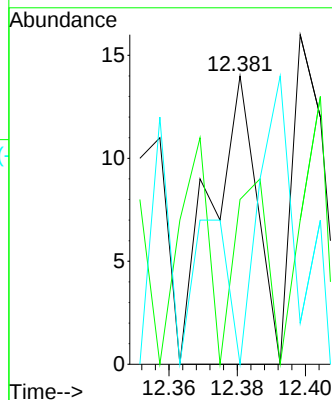
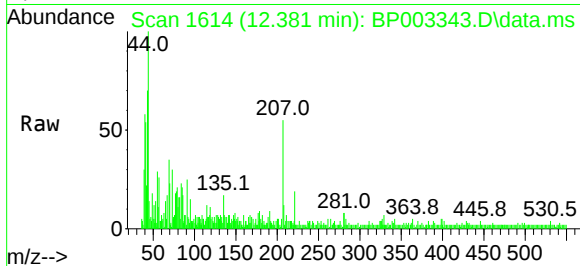




#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.381 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

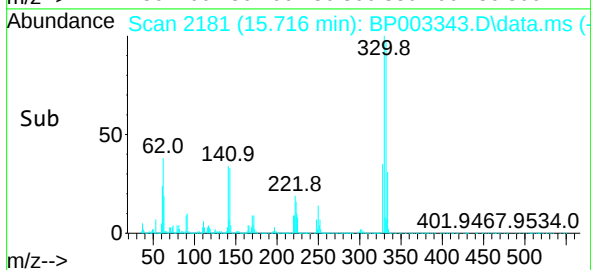
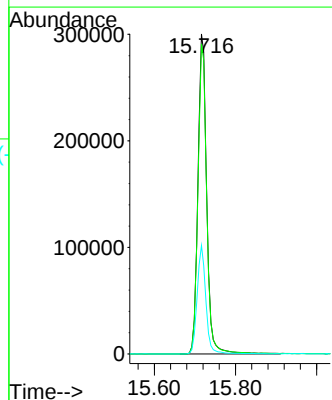
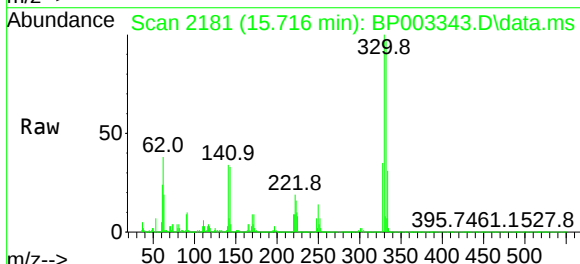
Instrument :
BNA_P
ClientSampleId :
036

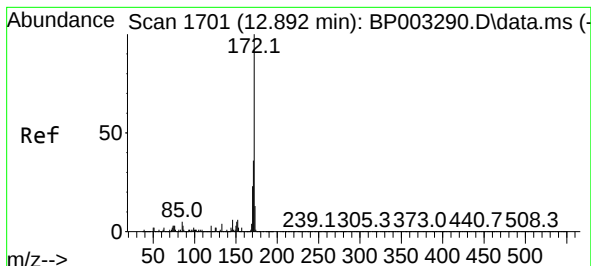
Tgt Ion:	237	Resp:	13
Ion	Ratio	Lower	Upper
237	100		
235	71.4	43.2	83.2
272	0.0	0.0	33.3



#42
2,4,6-Tribromophenol
Concen: 79.08 ng
RT: 15.716 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

Tgt Ion:	330	Resp:	452914
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	33.9	23.4	35.2

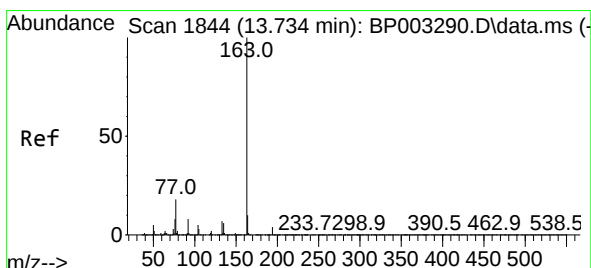
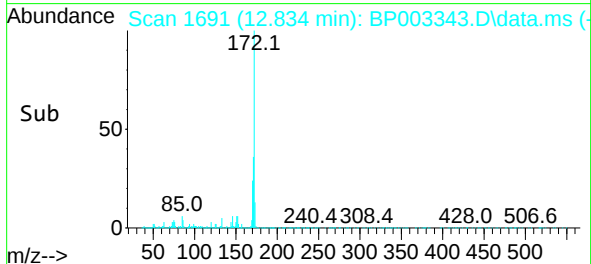
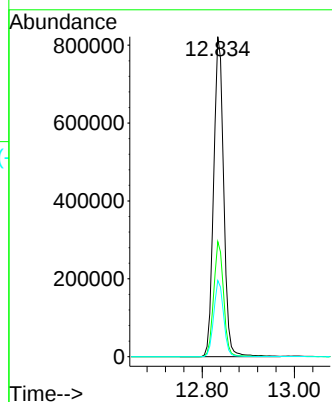
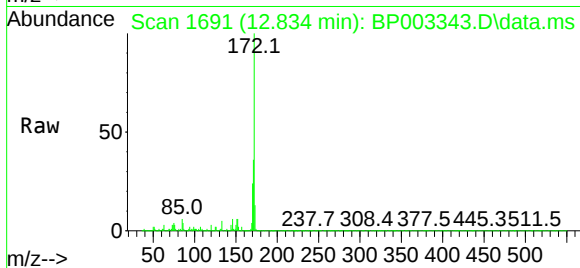




#45
2-Fluorobiphenyl
Concen: 48.41 ng
RT: 12.834 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

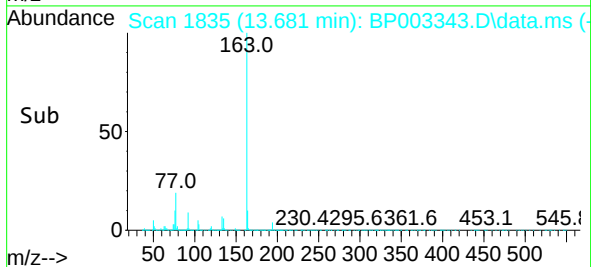
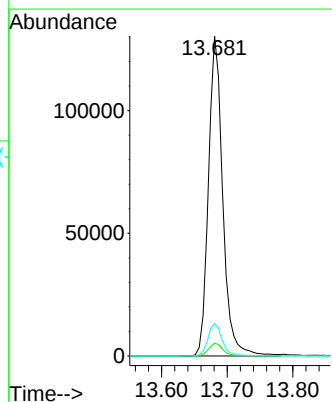
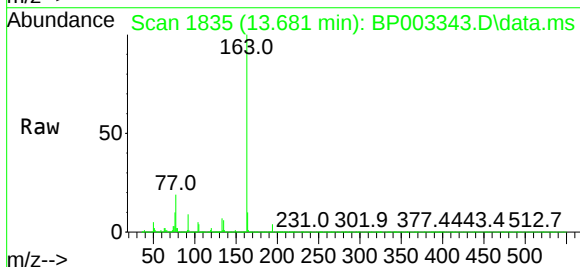
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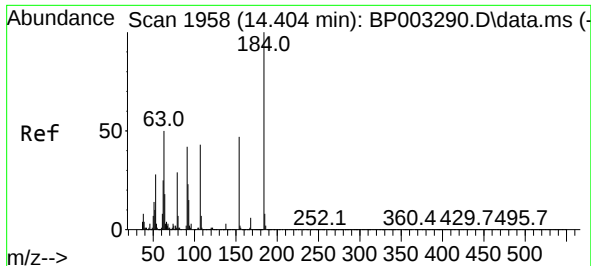
Tgt Ion:172 Resp: 1242916
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.8 19.2 28.8



#50
Dimethylphthalate
Concen: 6.61 ng
RT: 13.681 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

Tgt Ion:163 Resp: 198179
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 8.2 12.2

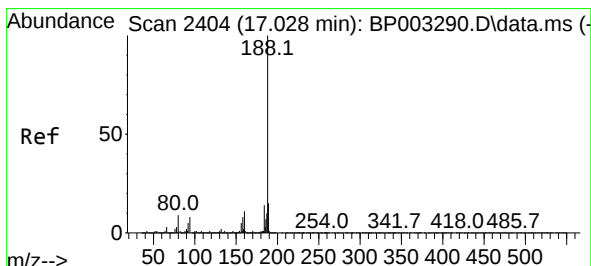
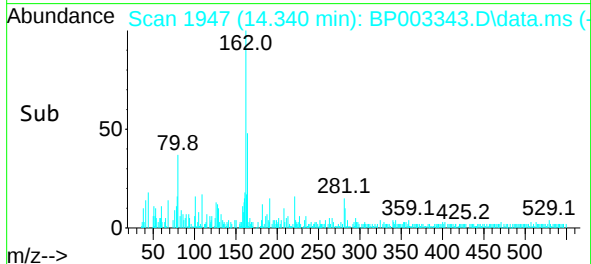
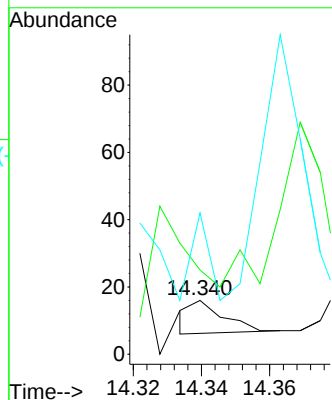
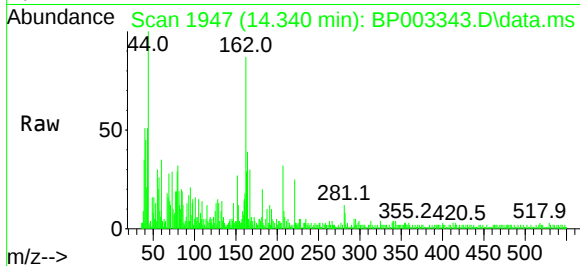




#54
2,4-Dinitrophenol
Concen: 7.25 ng
RT: 14.340 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

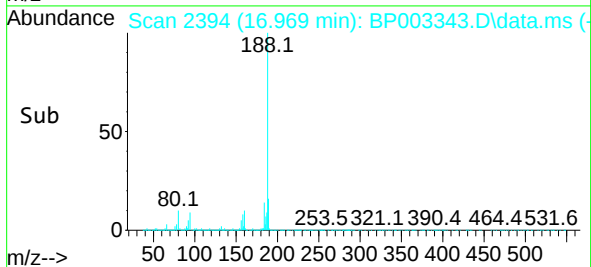
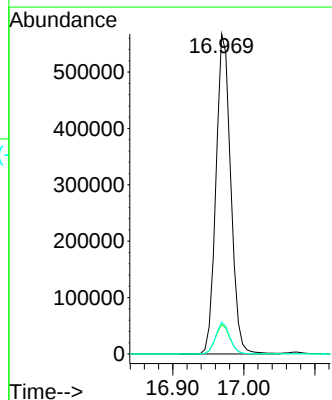
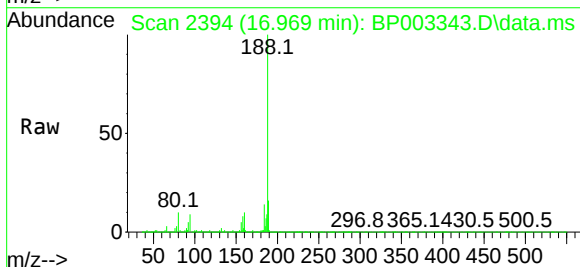
Instrument :
BNA_P
ClientSampleId :
036

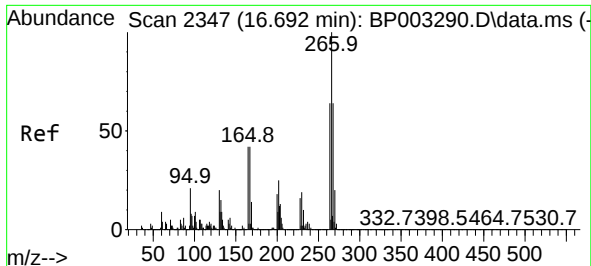
Tgt Ion:184 Resp: 7
Ion Ratio Lower Upper
184 100
63 237.5 32.3 48.5#
154 262.5 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.969 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

Tgt Ion:188 Resp: 816444
Ion Ratio Lower Upper
188 100
94 9.2 6.2 9.2
80 10.0 6.2 9.2#

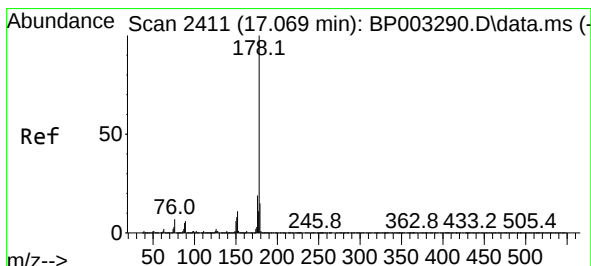
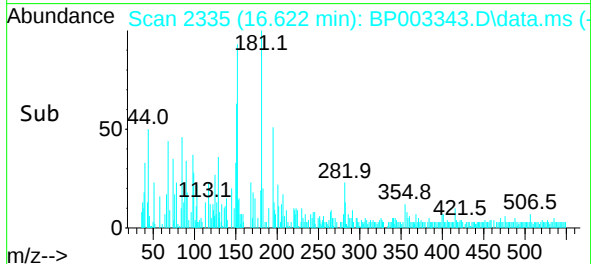
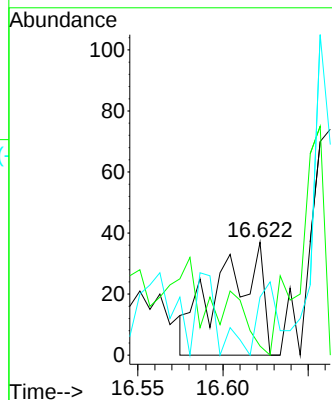
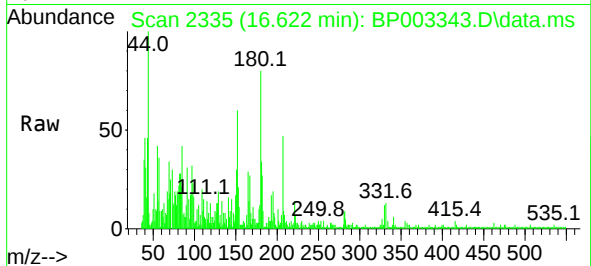




#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.622 min Scan# 2335
Delta R.T. -0.018 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

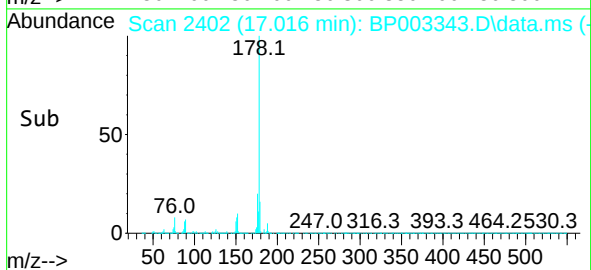
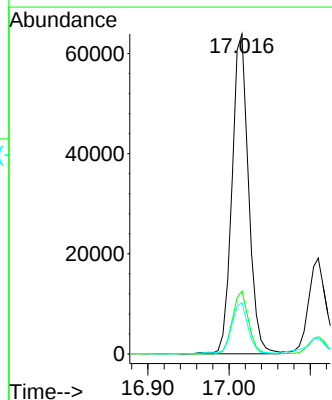
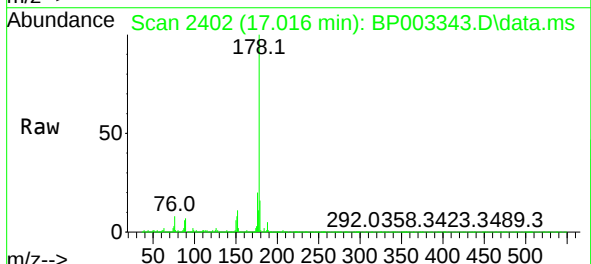
Instrument :
BNA_P
ClientSampled :
036

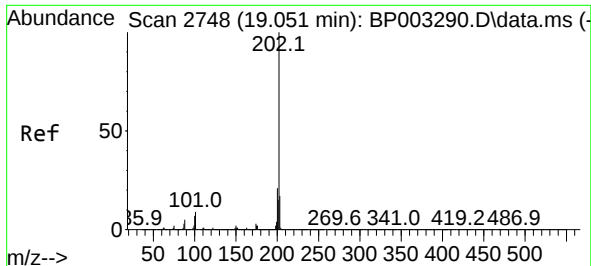
Tgt Ion:266 Resp: 65
Ion Ratio Lower Upper
266 100
268 8.1 51.1 76.7#
264 51.4 50.6 76.0



#71
Phenanthrene
Concen: 2.03 ng
RT: 17.016 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

Tgt Ion:178 Resp: 90259
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 16.0 12.5 18.7

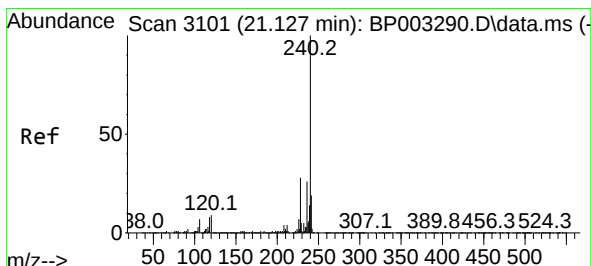
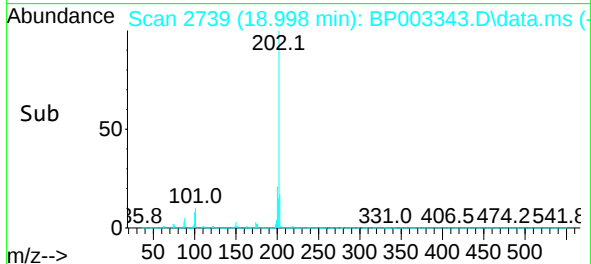
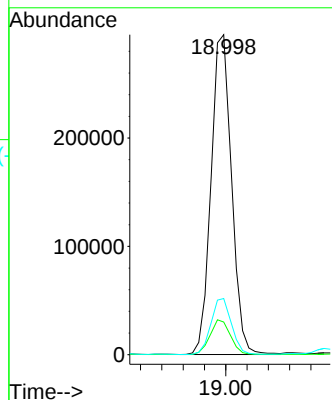
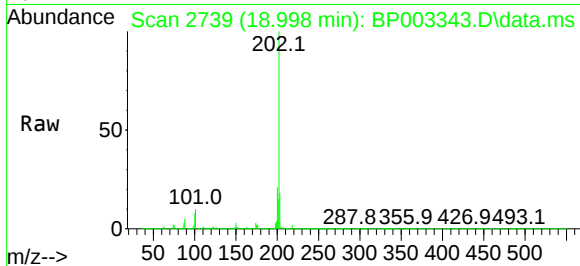




#75
Fluoranthene
Concen: 7.09 ng
RT: 18.998 min Scan# 2739
Delta R.T. 0.000 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

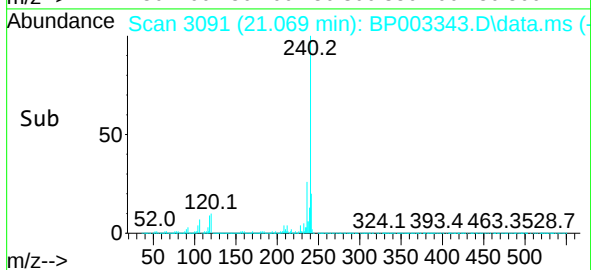
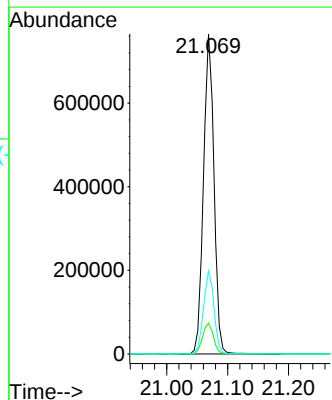
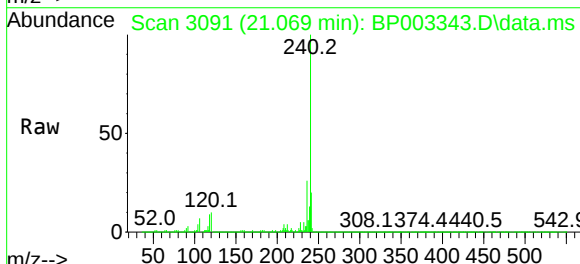
Instrument :
BNA_P
ClientSampled :
036

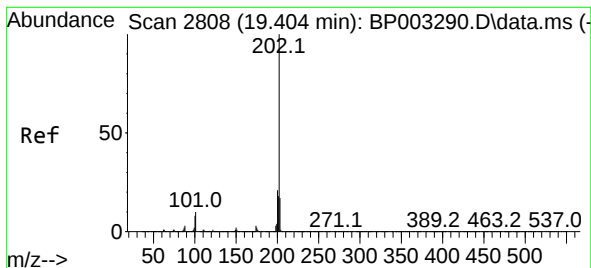
Tgt Ion:	202	Resp:	395824
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	29.4
203	17.6	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.069 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

Tgt Ion:	240	Resp:	912616
Ion Ratio	Lower	Upper	
240	100		
120	9.6	7.8	11.6
236	26.0	20.8	31.2





#78

Pyrene

Concen: 6.24 ng

RT: 19.345 min Scan# 2798

Delta R.T. -0.006 min

Lab File: BP003343.D

Acq: 22 Sep 2020 17:29

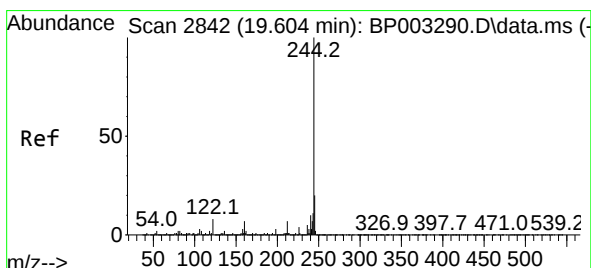
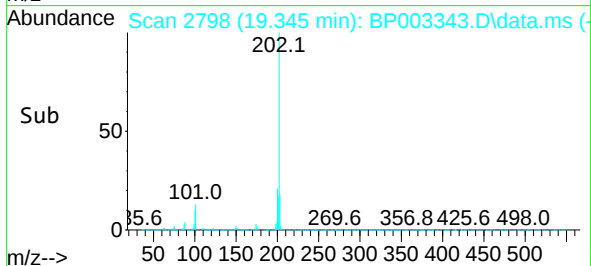
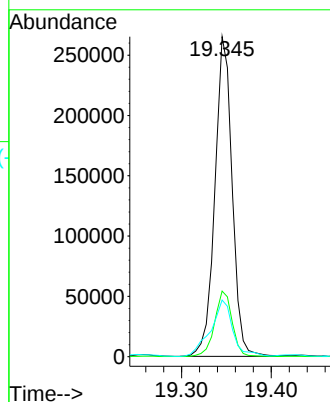
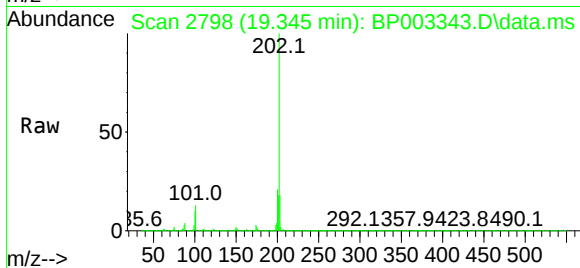
Instrument :

BNA_P

ClientSampleId :

036

Tgt Ion:202	Resp: 355112
Ion Ratio	Lower Upper
202 100	
200 20.5	17.1 25.7
203 17.7	14.2 21.2



#79

Terphenyl-d14

Concen: 33.17 ng

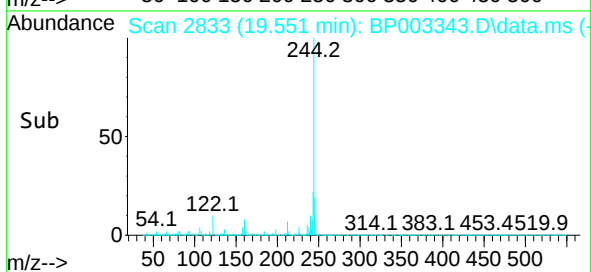
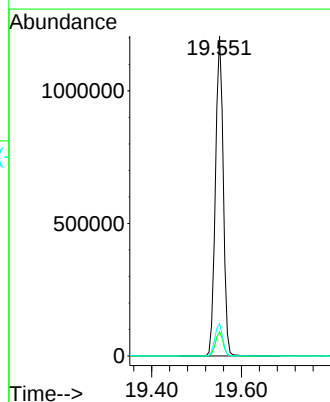
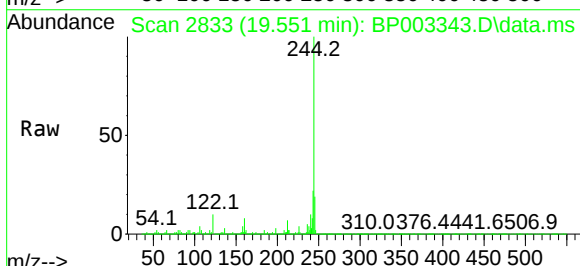
RT: 19.551 min Scan# 2833

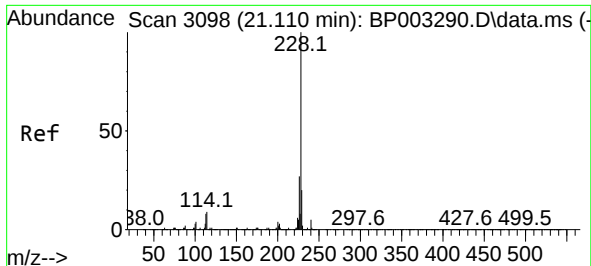
Delta R.T. 0.000 min

Lab File: BP003343.D

Acq: 22 Sep 2020 17:29

Tgt Ion:244	Resp: 1452896
Ion Ratio	Lower Upper
244 100	
212 7.5	5.8 8.6
122 10.1	7.8 11.8

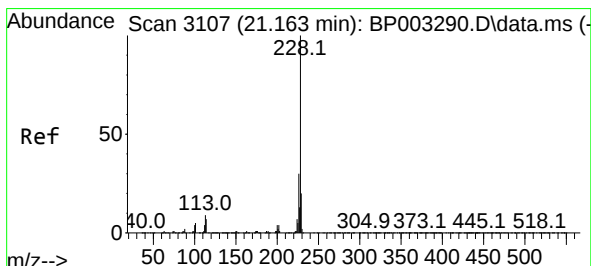
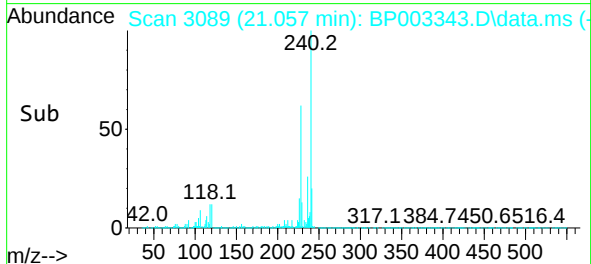
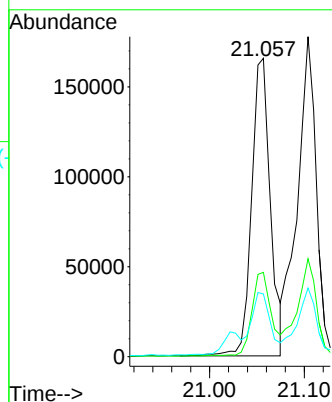
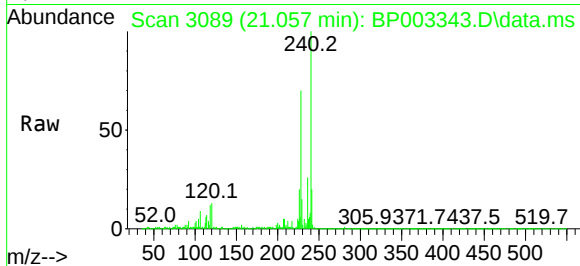




#81
Benzo(a)anthracene
Concen: 3.86 ng
RT: 21.057 min Scan# 3089
Delta R.T. 0.000 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

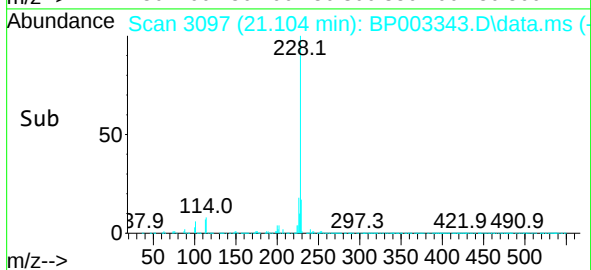
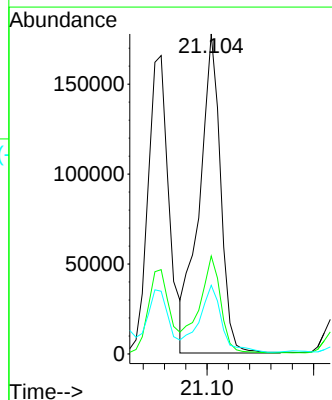
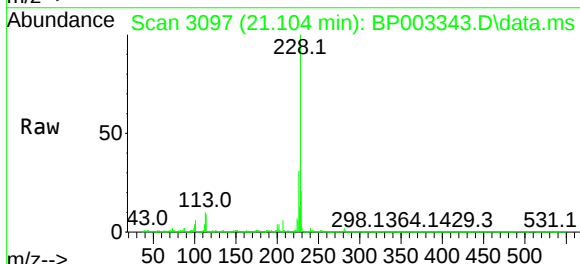
Instrument :
BNA_P
ClientSampleId :
036

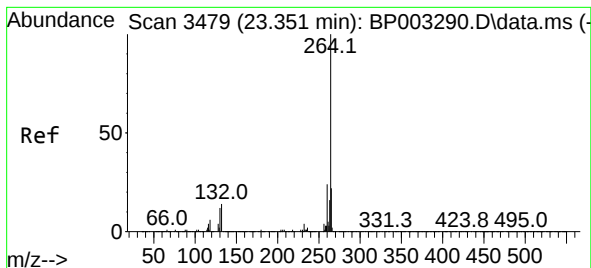
Tgt Ion:228 Resp: 227441
Ion Ratio Lower Upper
228 100
226 28.2 22.1 33.1
229 21.0 15.9 23.9



#83
Chrysene
Concen: 4.38 ng
RT: 21.104 min Scan# 3097
Delta R.T. 0.000 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

Tgt Ion:228 Resp: 248116
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 21.5 15.8 23.6

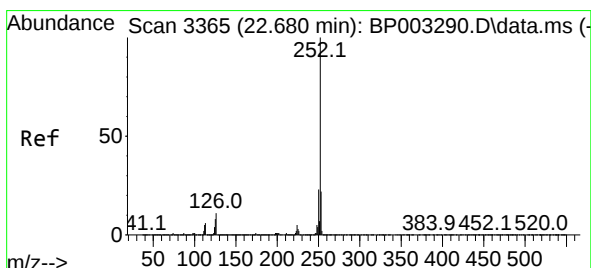
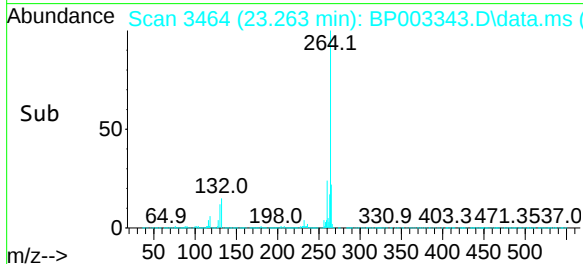
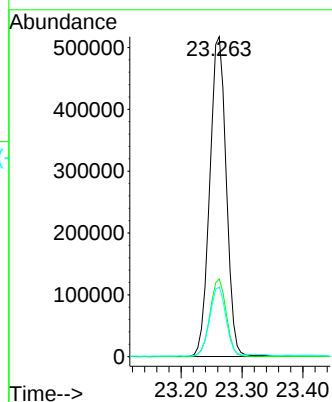
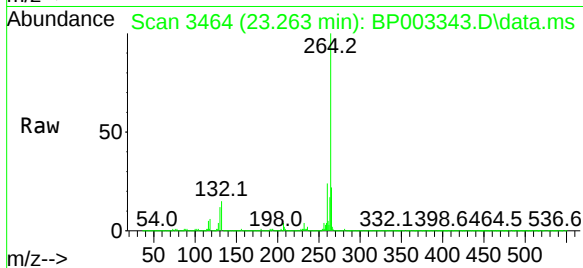




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.263 min Scan# 3464
Delta R.T. 0.000 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

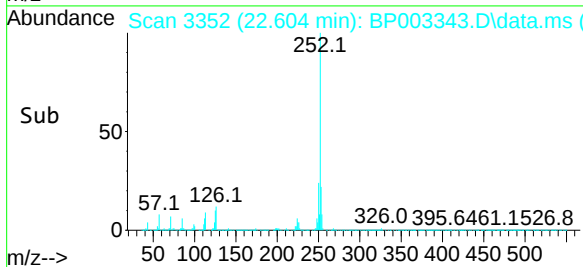
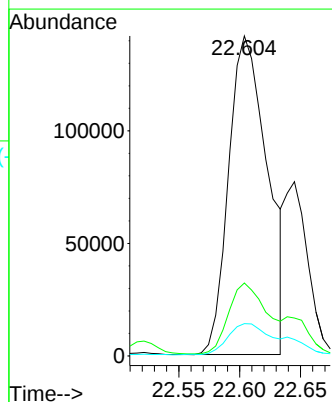
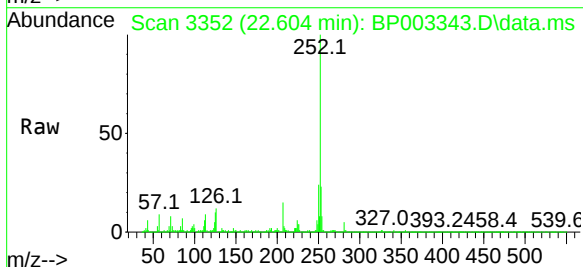
Instrument :
BNA_P
ClientSampled :
036

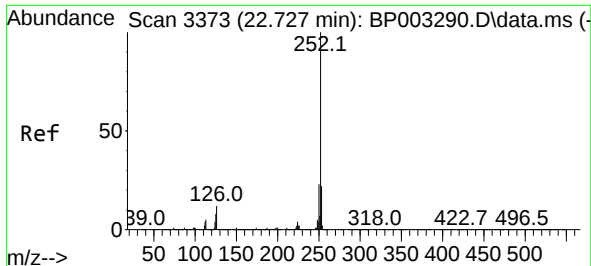
Tgt Ion:264 Resp: 971826
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 21.8 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 5.12 ng
RT: 22.604 min Scan# 3352
Delta R.T. 0.000 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

Tgt Ion:252 Resp: 314370
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 10.1 7.3 10.9

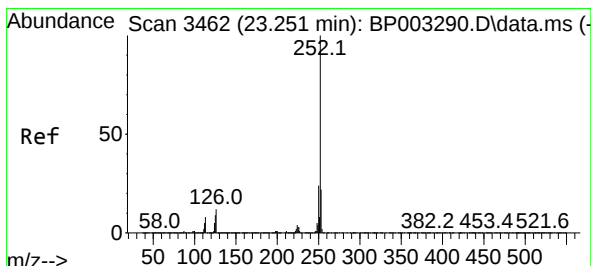
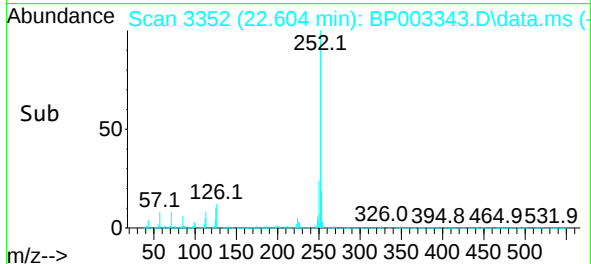
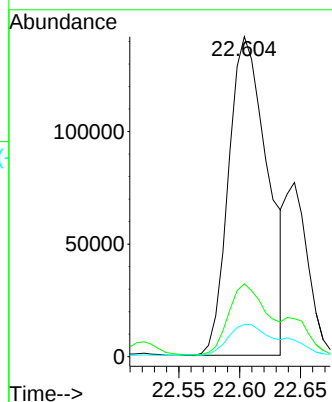
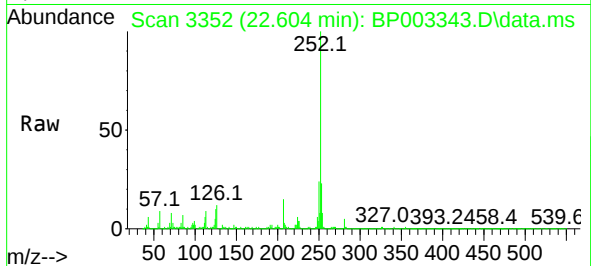




#89
Benzo(k)fluoranthene
Concen: 5.34 ng
RT: 22.604 min Scan# 3352
Delta R.T. -0.047 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

Instrument :
BNA_P
ClientSampleId :
036

Tgt Ion:252 Resp: 314370
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 10.1 7.4 11.2



#90
Benzo(a)pyrene
Concen: 3.04 ng
RT: 23.163 min Scan# 3447
Delta R.T. -0.006 min
Lab File: BP003343.D
Acq: 22 Sep 2020 17:29

Tgt Ion:252 Resp: 175941
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 11.2 8.2 12.4

