

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
 Data File : BP003341.D
 Acq On : 22 Sep 2020 16:21
 Operator : CG/JU
 Sample : L4099-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 031

Quant Time: Sep 22 20:46:25 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)

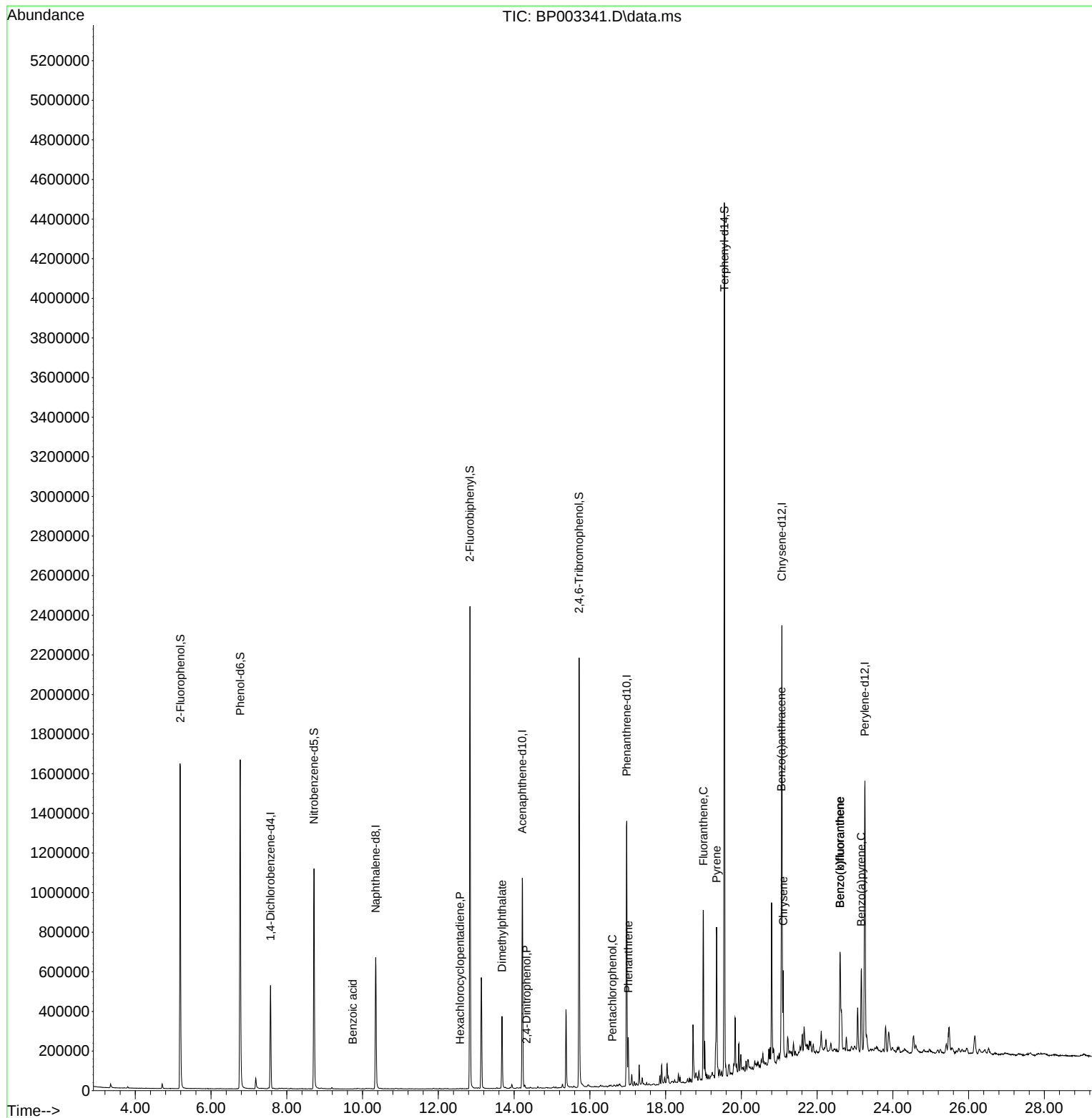
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	146346	20.00	ng	0.00
21) Naphthalene-d8	10.346	136	591162	20.00	ng	# 0.00
39) Acenaphthene-d10	14.216	164	373562	20.00	ng	0.00
64) Phenanthrene-d10	16.975	188	809111	20.00	ng	0.00
76) Chrysene-d12	21.069	240	895656	20.00	ng	0.00
86) Perylene-d12	23.262	264	949561	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	847132	101.08	ng	0.00
7) Phenol-d6	6.769	99	1096060	98.11	ng	0.00
23) Nitrobenzene-d5	8.716	82	700271	69.59	ng	0.00
42) 2,4,6-Tribromophenol	15.716	330	456733	80.16	ng	0.00
45) 2-Fluorobiphenyl	12.834	172	1304098	51.06	ng	0.00
79) Terphenyl-d14	19.551	244	1814245	42.20	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.740	122	30	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.575	237	29	6.85	ng	91
50) Dimethylphthalate	13.681	163	259737	8.71	ng	99
54) 2,4-Dinitrophenol	14.328	184	11	7.26	ng	# 1
70) Pentachlorophenol	16.598	266	49	6.78	ng	89
71) Phenanthrene	17.016	178	148220	3.37	ng	99
75) Fluoranthene	18.998	202	507568	9.17	ng	98
78) Pyrene	19.345	202	449985	8.06	ng	100
81) Benzo(a)anthracene	21.057	228	261310	4.51	ng	99
83) Chrysene	21.104	228	247339	4.45	ng	98
88) Benzo(b)fluoranthene	22.604	252	451659	7.53	ng	99
89) Benzo(k)fluoranthene	22.604	252	451659	7.86	ng	99
90) Benzo(a)pyrene	23.163	252	210738	3.73	ng	97

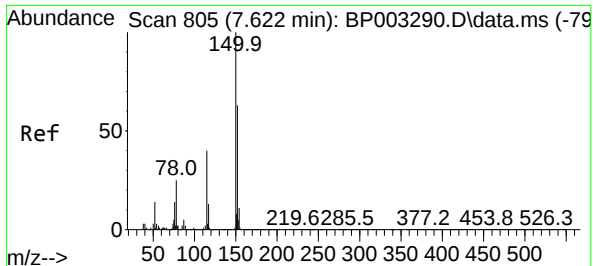
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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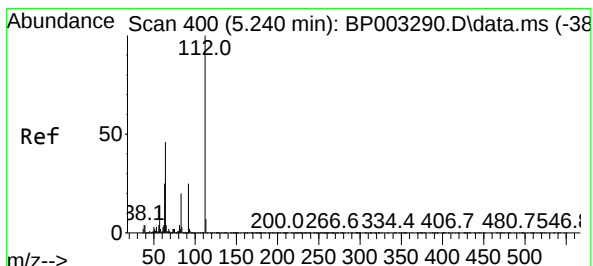
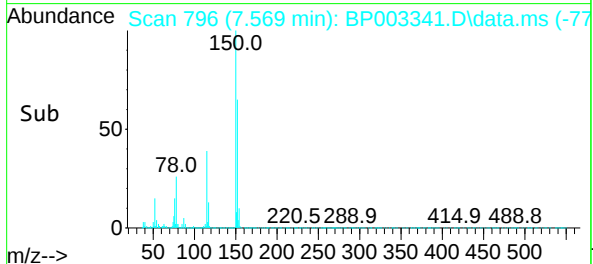
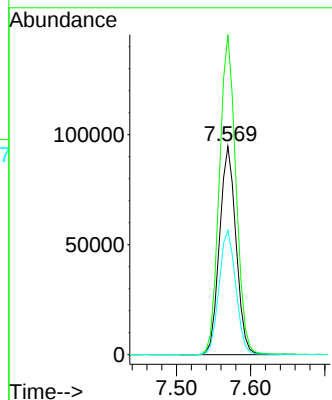
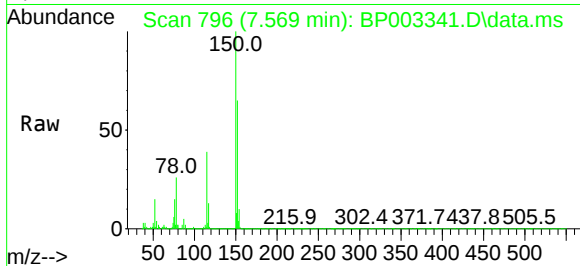




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.569 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

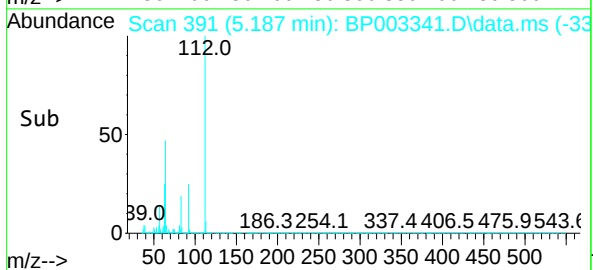
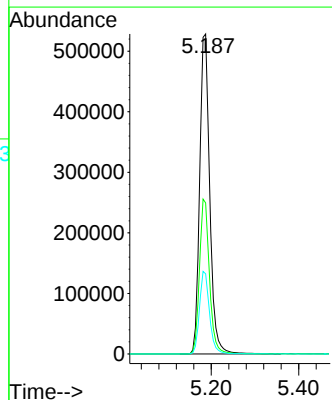
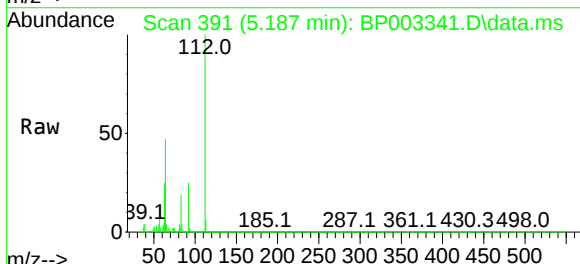
Instrument :
BNA_P
ClientSampleId :
031

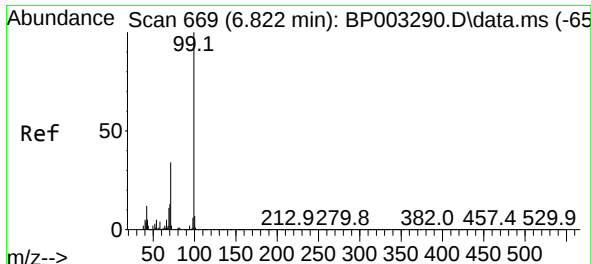
Tgt Ion:152 Resp: 146346
Ion Ratio Lower Upper
152 100
150 153.6 123.8 185.6
115 59.7 43.8 65.6



#5
2-Fluorophenol
Concen: 101.08 ng
RT: 5.187 min Scan# 391
Delta R.T. 0.006 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

Tgt Ion:112 Resp: 847132
Ion Ratio Lower Upper
112 100
64 47.2 32.8 49.2
63 25.0 17.0 25.4

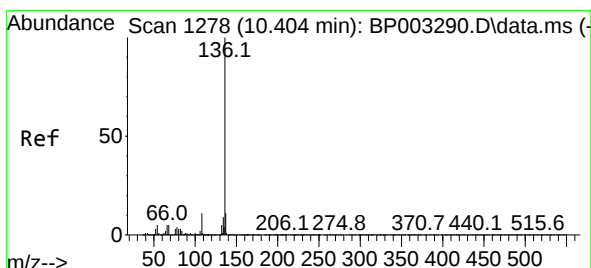
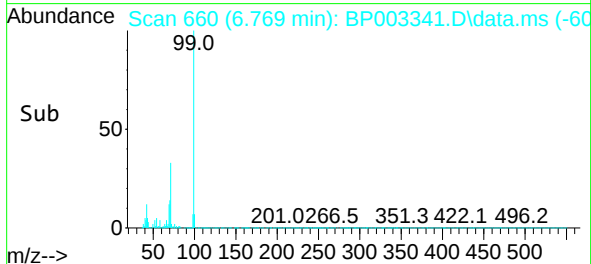
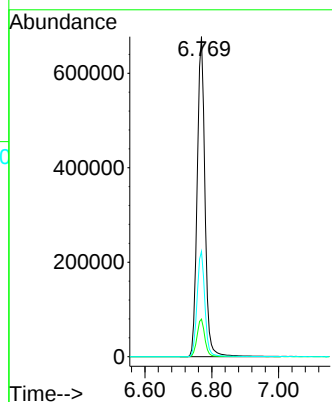
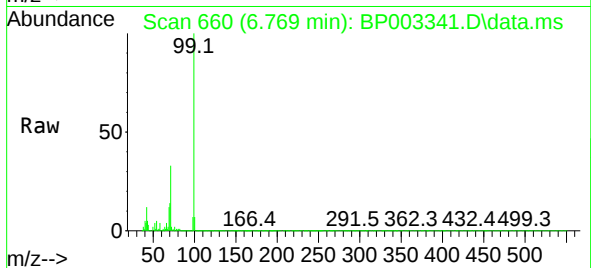




#7
Phenol-d6
Concen: 98.11 ng
RT: 6.769 min Scan# 660
Delta R.T. -0.000 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

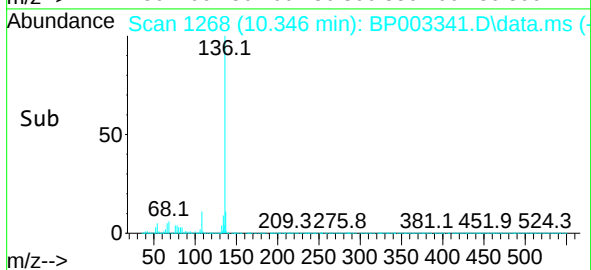
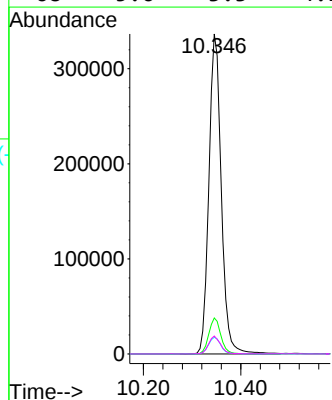
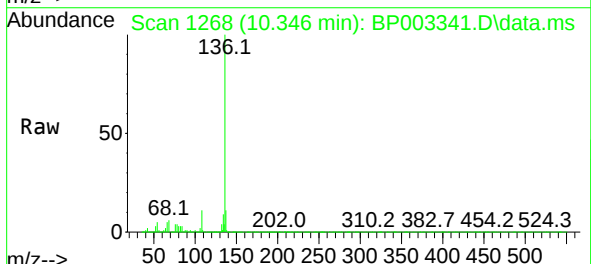
Instrument :
BNA_P
ClientSampled :
031

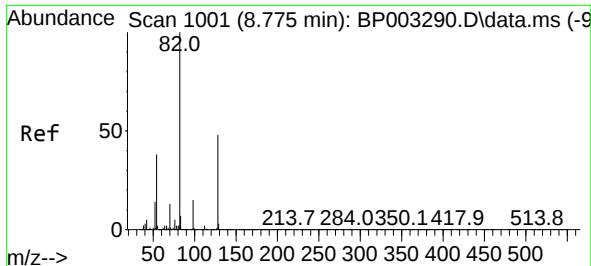
Tgt Ion: 99 Resp: 1096060
Ion Ratio Lower Upper
99 100
42 11.7 8.6 13.0
71 32.9 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.346 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

Tgt Ion:136 Resp: 591162
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 5.2 3.6 5.4
68 5.6 3.3 4.9#

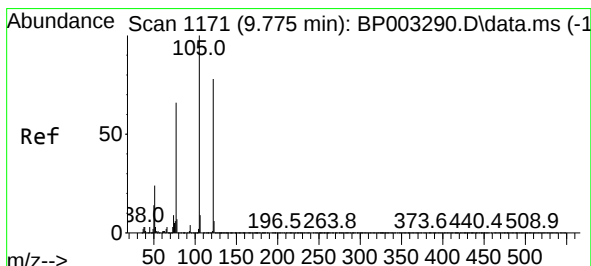
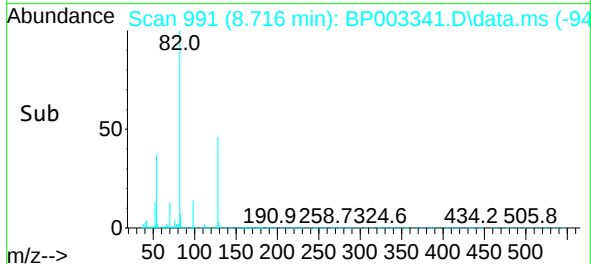
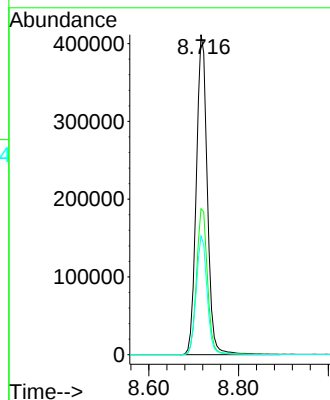
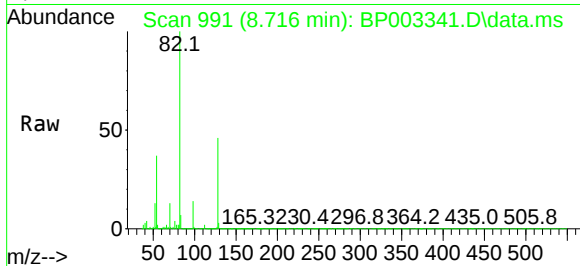




#23
Nitrobenzene-d5
Concen: 69.59 ng
RT: 8.716 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

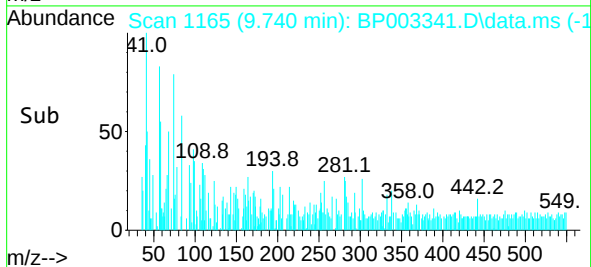
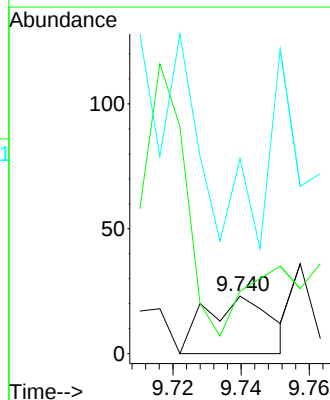
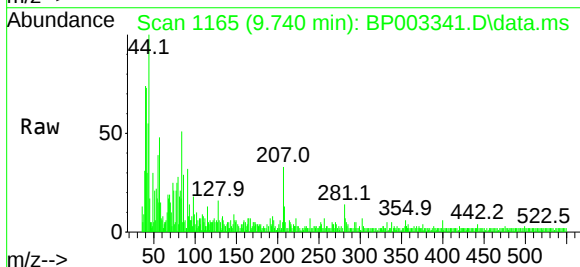
Instrument :
BNA_P
ClientSampled :
031

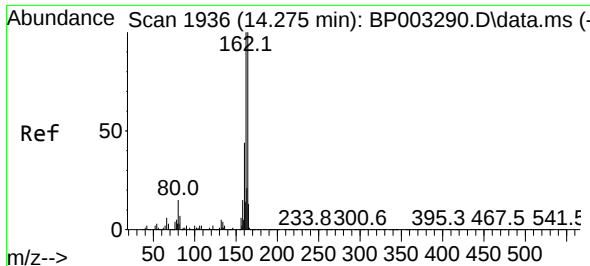
Tgt Ion: 82 Resp: 700271
Ion Ratio Lower Upper
82 100
128 45.6 45.6 68.4#
54 37.0 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.740 min Scan# 1165
Delta R.T. 0.018 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

Tgt Ion: 122 Resp: 30
Ion Ratio Lower Upper
122 100
105 208.7 94.1 134.1#
77 339.1 50.1 90.1#

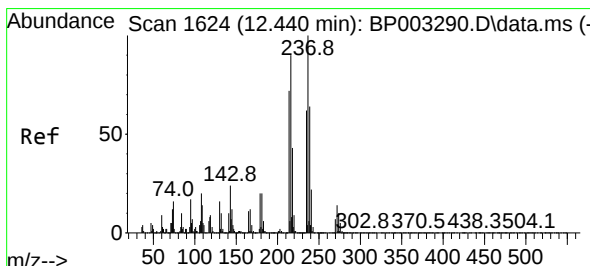
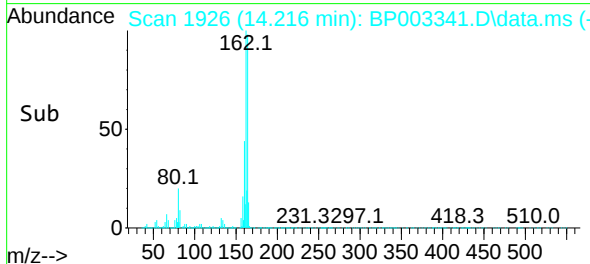
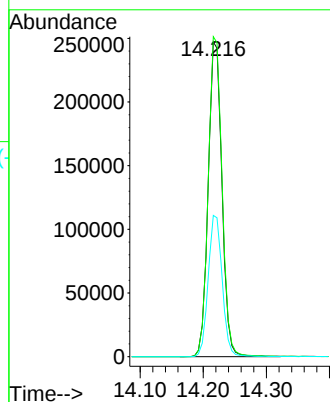
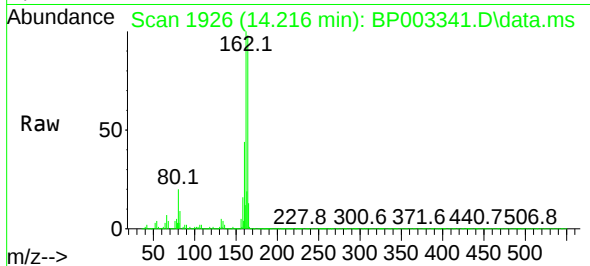




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.216 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

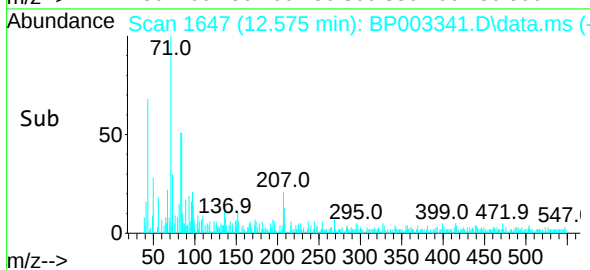
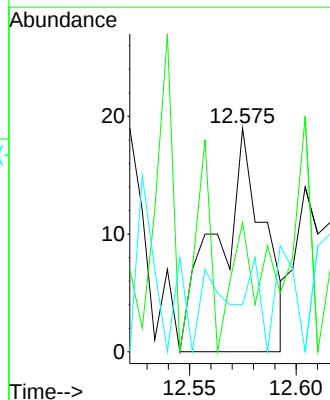
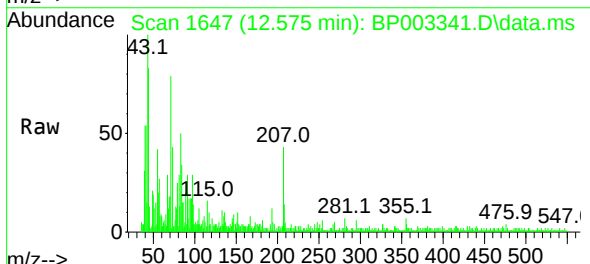
Instrument :
BNA_P
ClientSampleId :
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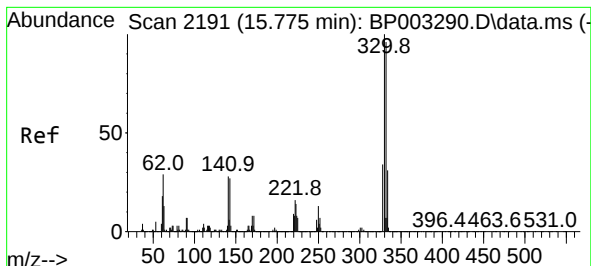
Tgt Ion:164 Resp: 373562
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.2
160 44.9 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.575 min Scan# 1647
Delta R.T. 0.194 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

Tgt Ion:237 Resp: 29
Ion Ratio Lower Upper
237 100
235 57.9 43.2 83.2
272 21.1 0.0 33.3

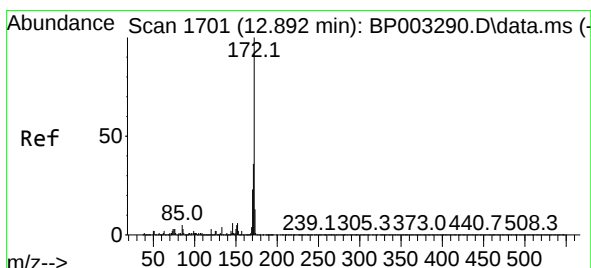
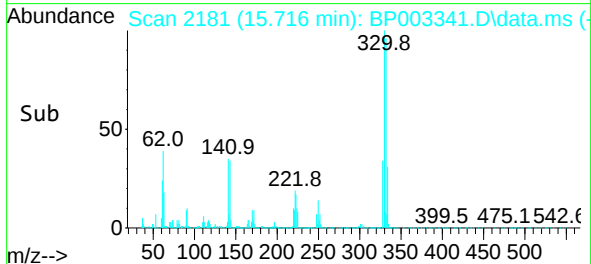
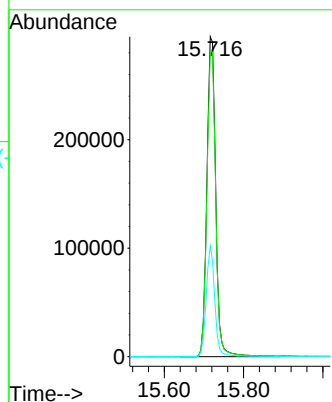
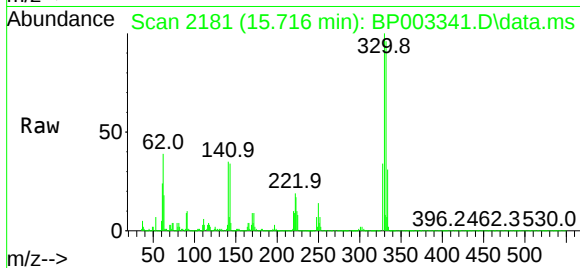




#42
2,4,6-Tribromophenol
Concen: 80.16 ng
RT: 15.716 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

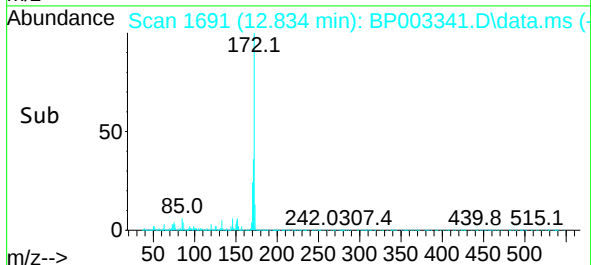
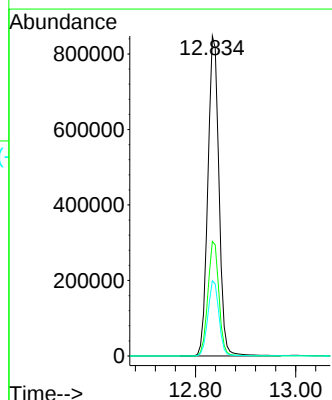
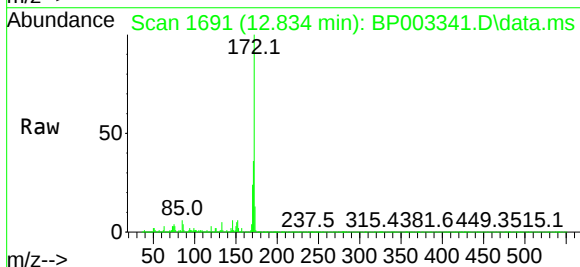
Instrument :
BNA_P
ClientSampleId :
031

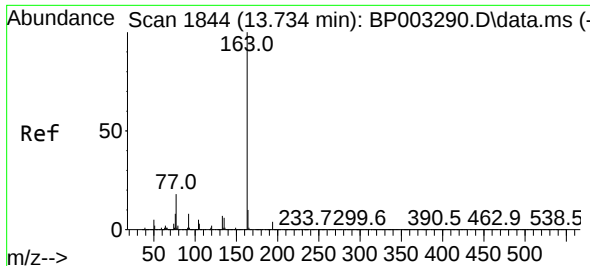
Tgt Ion:330 Resp: 456733
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 33.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 51.06 ng
RT: 12.834 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

Tgt Ion:172 Resp: 1304098
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.5 19.2 28.8

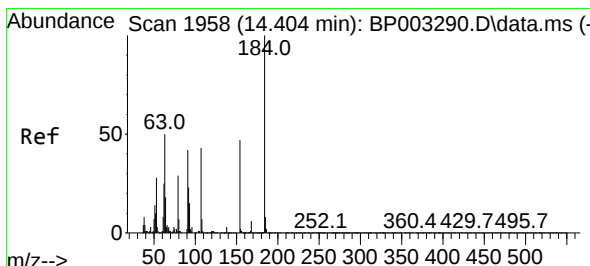
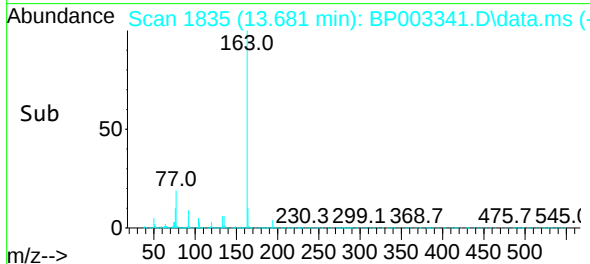
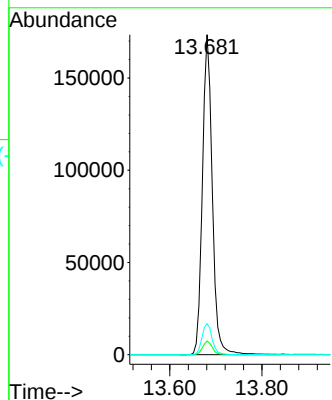
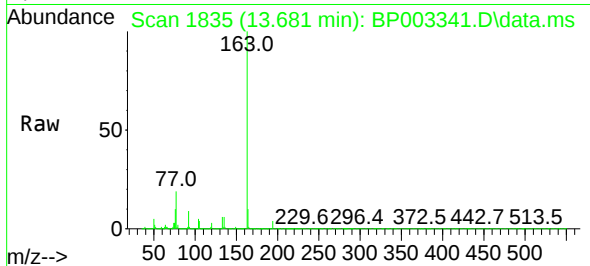




#50
Dimethylphthalate
Concen: 8.71 ng
RT: 13.681 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

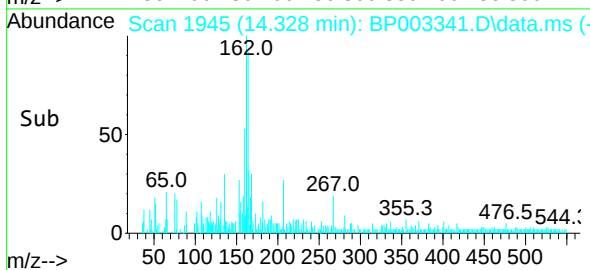
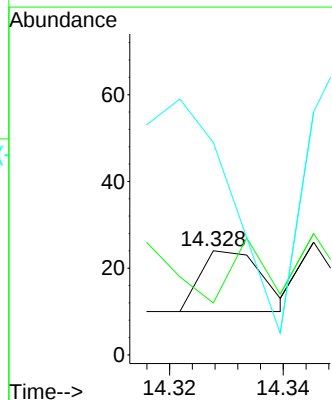
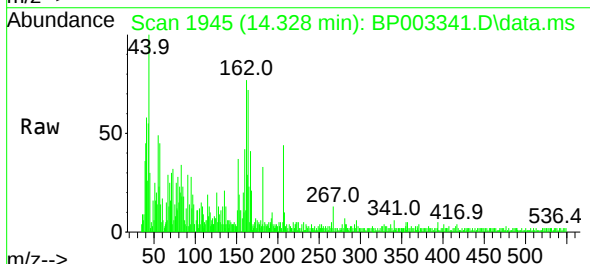
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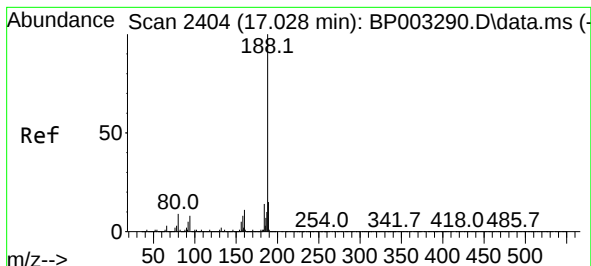
Tgt Ion:163 Resp: 259737
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.7 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.328 min Scan# 1945
Delta R.T. -0.029 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

Tgt Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 125.0 32.3 48.5#
154 204.2 49.1 73.7#

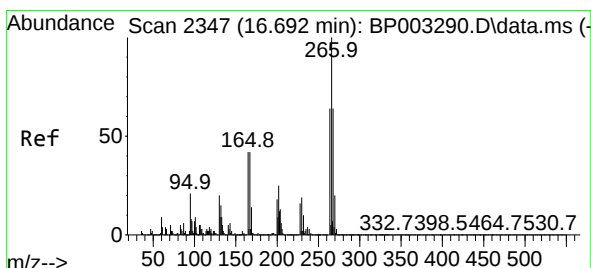
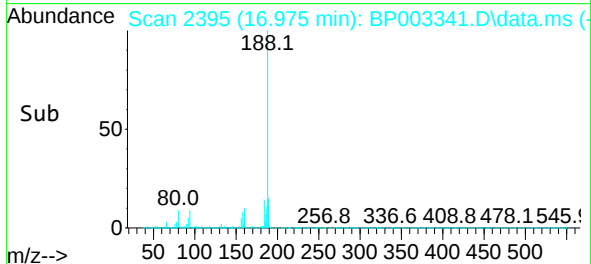
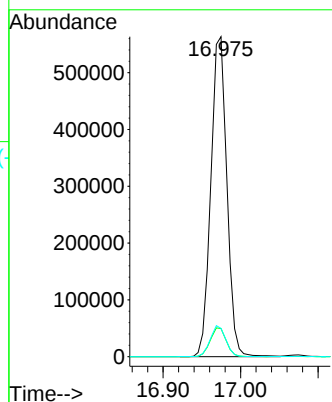
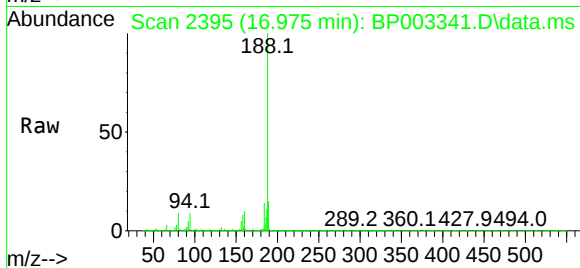




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.975 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

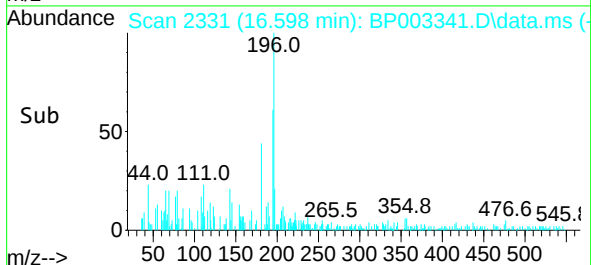
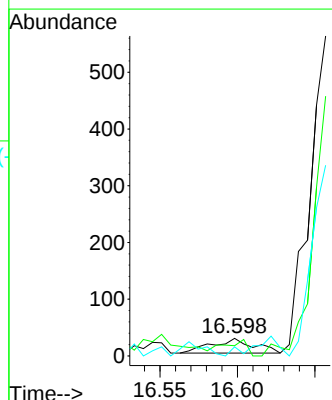
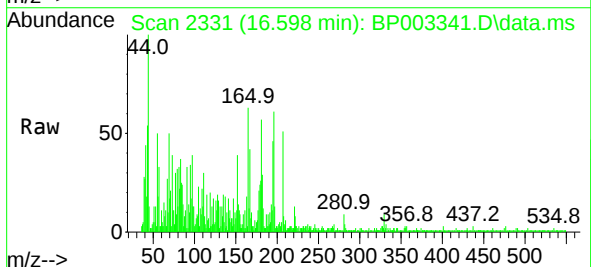
Instrument :
BNA_P
ClientSampleId :
031

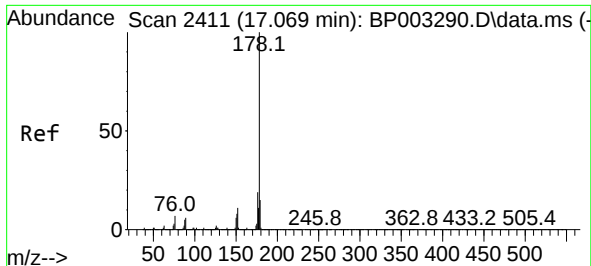
Tgt Ion:188 Resp: 809111
Ion Ratio Lower Upper
188 100
94 8.8 6.2 9.2
80 8.9 6.2 9.2



#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.598 min Scan# 2331
Delta R.T. -0.041 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

Tgt Ion:266 Resp: 49
Ion Ratio Lower Upper
266 100
268 58.1 51.1 76.7
264 51.6 50.6 76.0

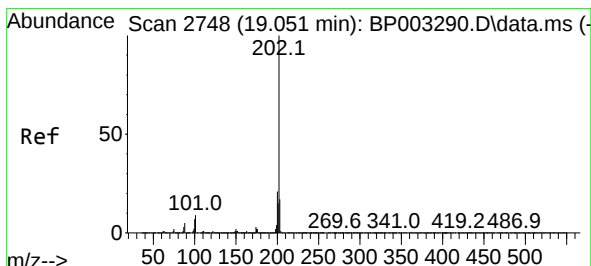
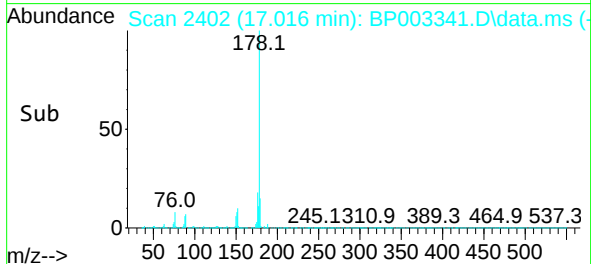
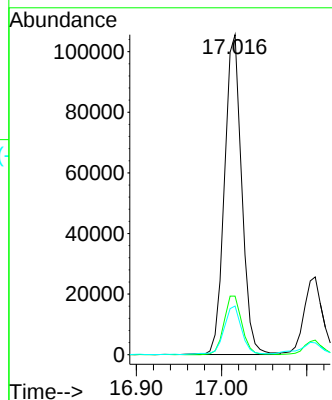
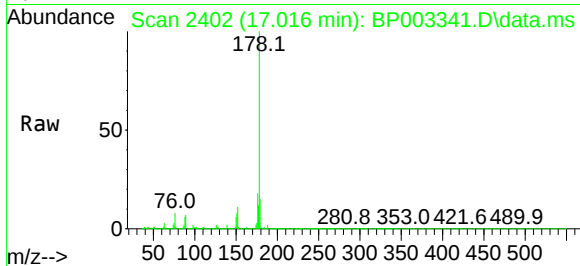




#71
Phenanthrene
Concen: 3.37 ng
RT: 17.016 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

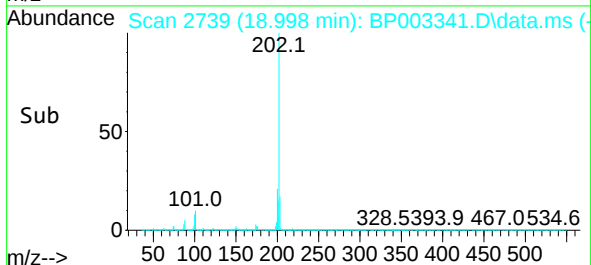
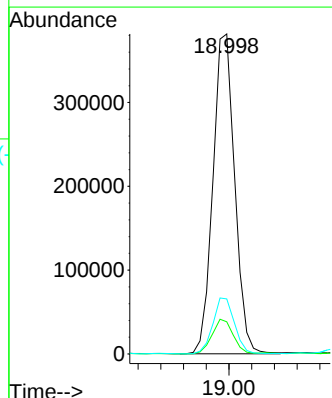
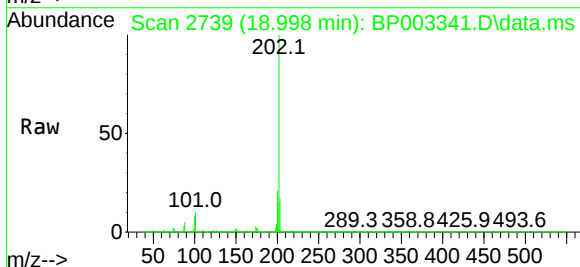
Instrument :
BNA_P
ClientSampled :
031

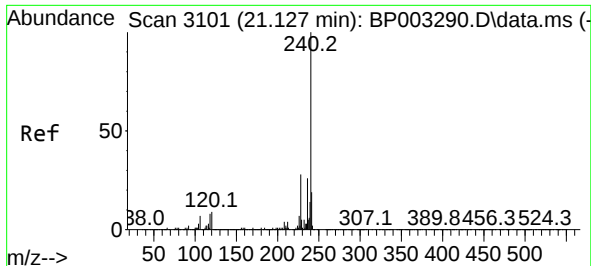
Tgt Ion:178 Resp: 148220
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.2 12.5 18.7



#75
Fluoranthene
Concen: 9.17 ng
RT: 18.998 min Scan# 2739
Delta R.T. -0.000 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

Tgt Ion:202 Resp: 507568
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.4
203 17.2 0.0 37.8

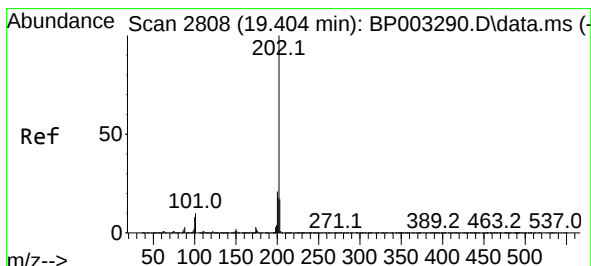
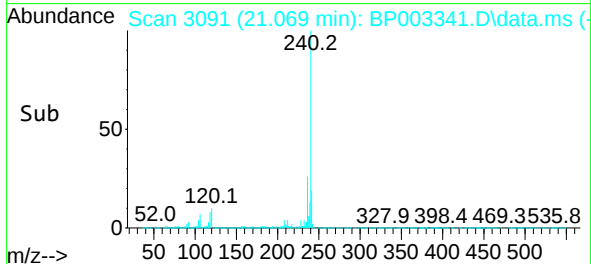
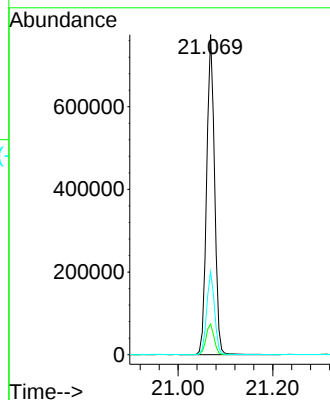
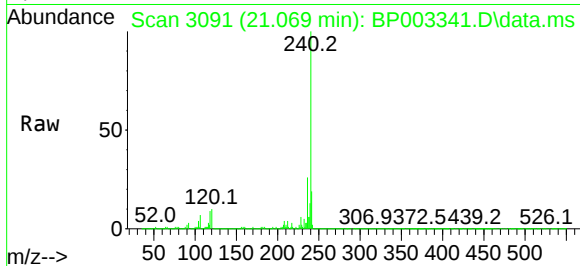




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.069 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

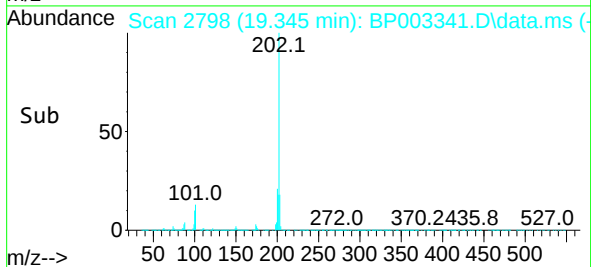
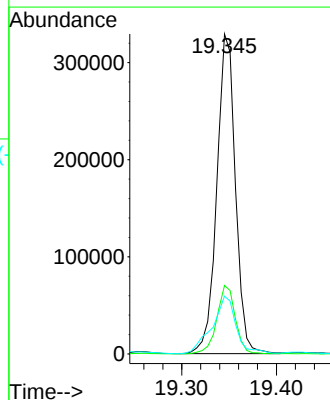
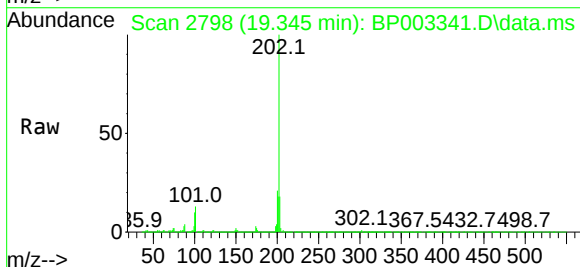
Instrument :
BNA_P
ClientSampleId :
031

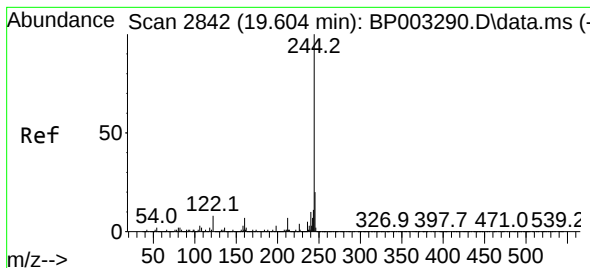
Tgt Ion:240 Resp: 895656
Ion Ratio Lower Upper
240 100
120 9.6 7.8 11.6
236 25.8 20.8 31.2



#78
Pyrene
Concen: 8.06 ng
RT: 19.345 min Scan# 2798
Delta R.T. -0.006 min
Lab File: BP003341.D
Acq: 22 Sep 2020 16:21

Tgt Ion:202 Resp: 449985
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 18.1 14.2 21.2





#79

Terphenyl-d14

Concen: 42.20 ng

RT: 19.551 min Scan# 2833

Delta R.T. -0.000 min

Lab File: BP003341.D

Acq: 22 Sep 2020 16:21

Instrument :

BNA_P

ClientSampleId :

031

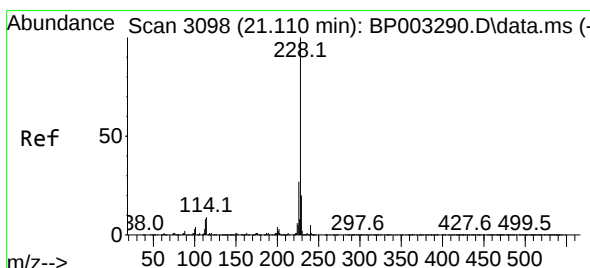
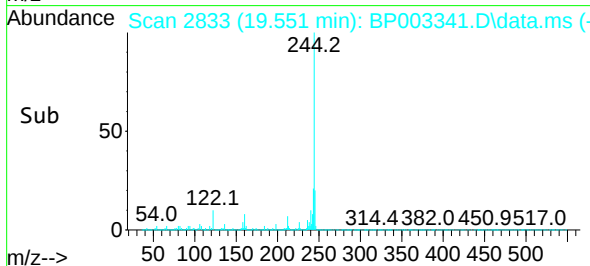
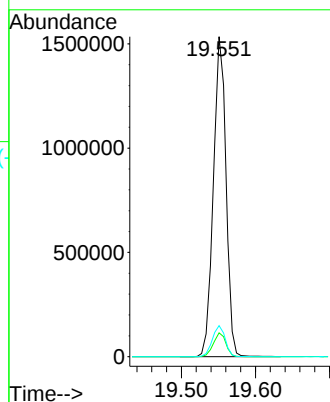
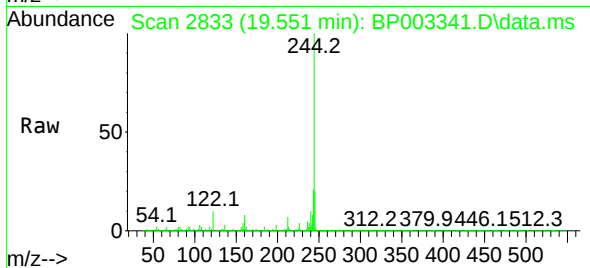
Tgt Ion:244 Resp: 1814245

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 9.7 7.8 11.8



#81

Benzo(a)anthracene

Concen: 4.51 ng

RT: 21.057 min Scan# 3089

Delta R.T. -0.000 min

Lab File: BP003341.D

Acq: 22 Sep 2020 16:21

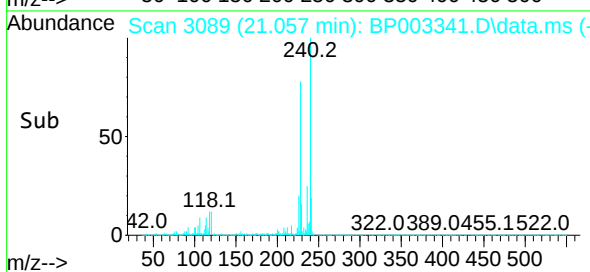
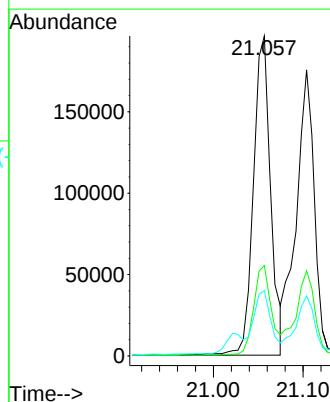
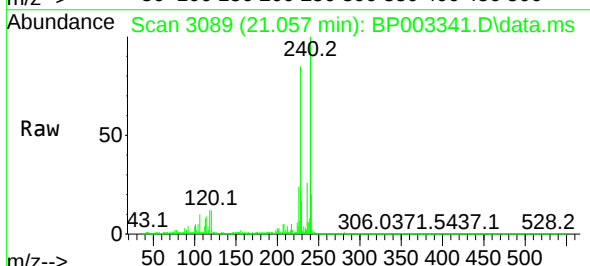
Tgt Ion:228 Resp: 261310

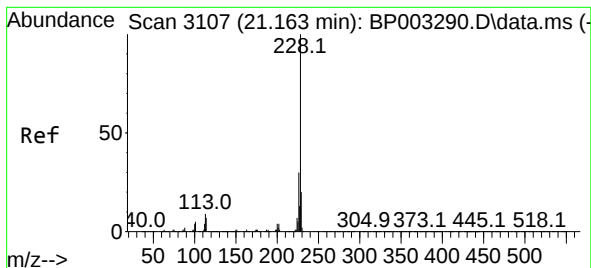
Ion Ratio Lower Upper

228 100

226 28.3 22.1 33.1

229 20.5 15.9 23.9





#83

Chrysene

Concen: 4.45 ng

RT: 21.104 min Scan# 3097

Delta R.T. -0.000 min

Lab File: BP003341.D

Acq: 22 Sep 2020 16:21

Instrument :

BNA_P

ClientSampleId :

031

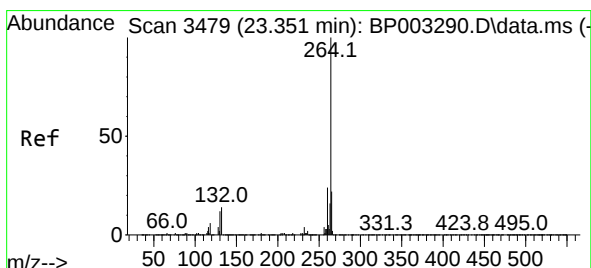
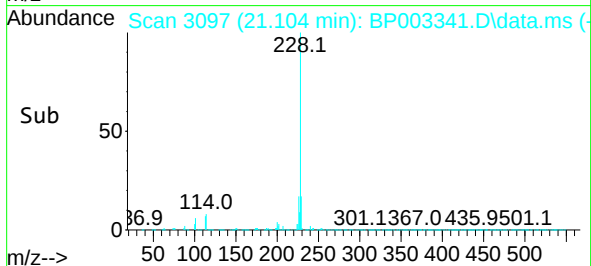
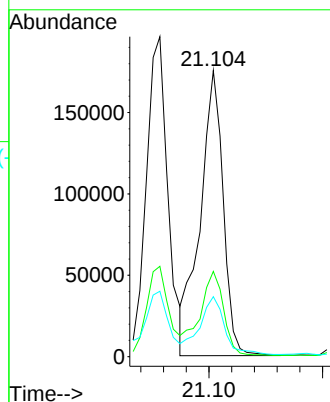
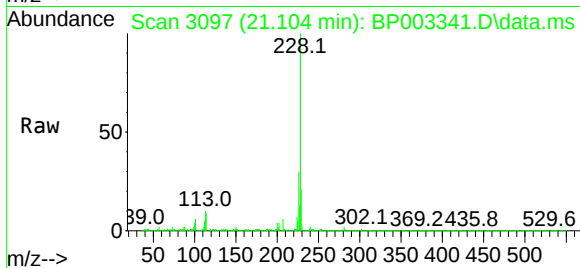
Tgt Ion:228 Resp: 247339

Ion Ratio Lower Upper

228 100

226 29.8 24.4 36.6

229 21.0 15.8 23.6



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.262 min Scan# 3464

Delta R.T. -0.000 min

Lab File: BP003341.D

Acq: 22 Sep 2020 16:21

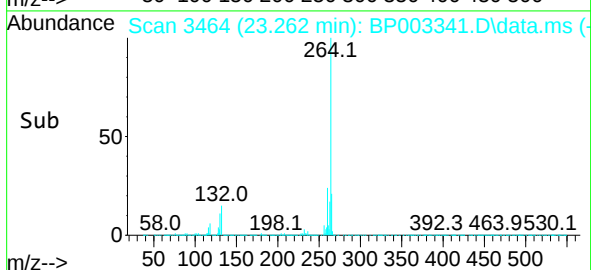
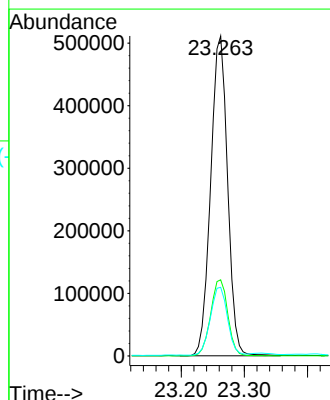
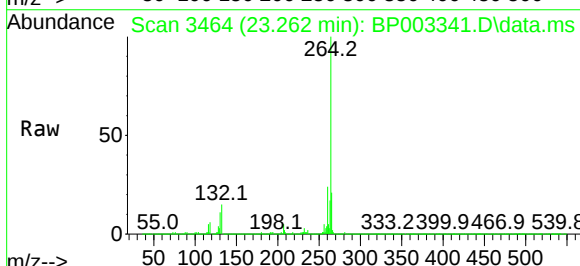
Tgt Ion:264 Resp: 949561

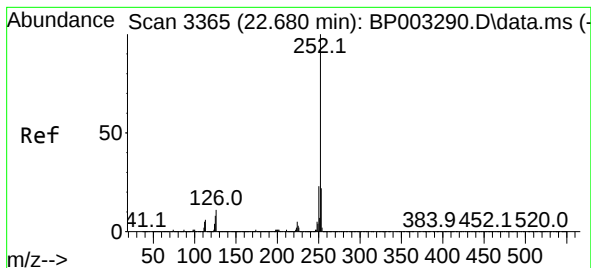
Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.4 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 7.53 ng

RT: 22.604 min Scan# 3352

Delta R.T. -0.000 min

Lab File: BP003341.D

Acq: 22 Sep 2020 16:21

Instrument :

BNA_P

ClientSampleId :

031

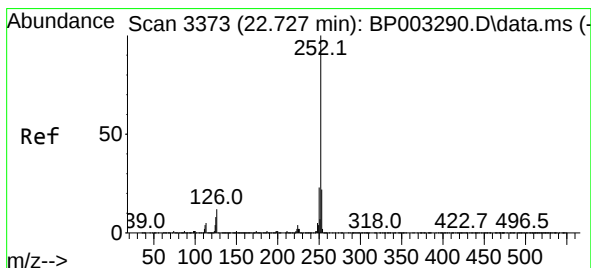
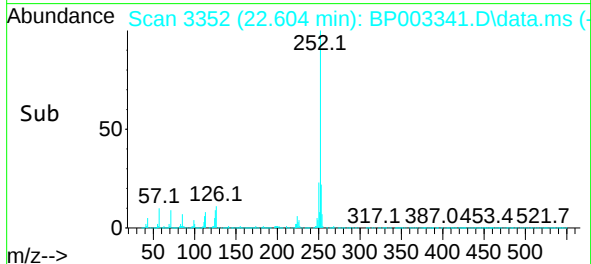
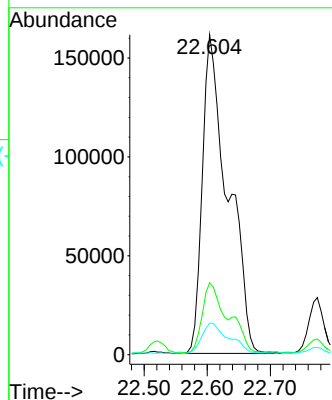
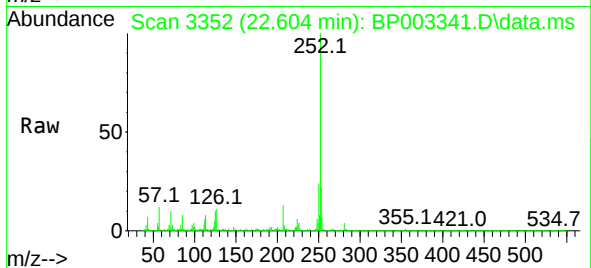
Tgt Ion:252 Resp: 451659

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 9.9 7.3 10.9



#89

Benzo(k)fluoranthene

Concen: 7.86 ng

RT: 22.604 min Scan# 3352

Delta R.T. -0.047 min

Lab File: BP003341.D

Acq: 22 Sep 2020 16:21

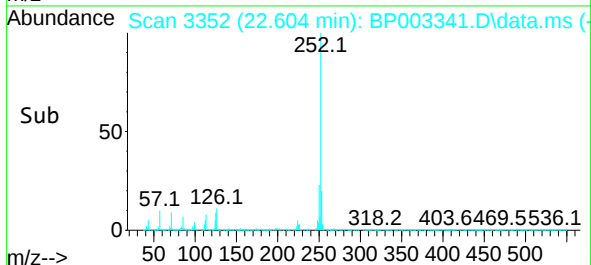
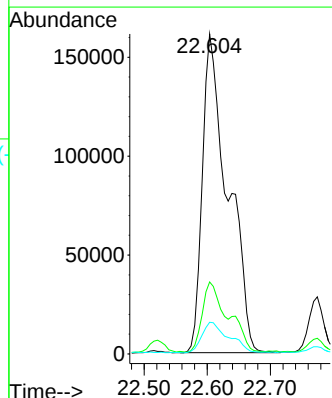
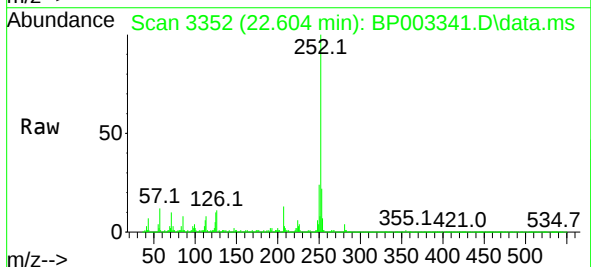
Tgt Ion:252 Resp: 451659

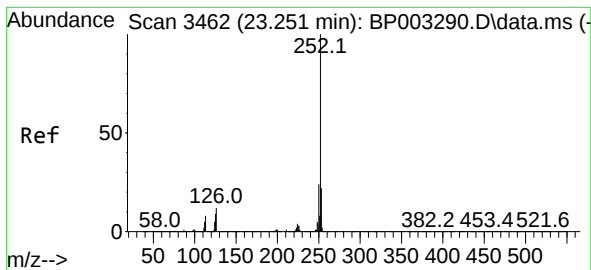
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 9.9 7.4 11.2





#90

Benzo(a)pyrene

Concen: 3.73 ng

RT: 23.163 min Scan# 3447

Delta R.T. -0.006 min

Lab File: BP003341.D

Acq: 22 Sep 2020 16:21

Instrument :

BNA_P

ClientSampleId :

031

Tgt Ion:252 Resp: 210738

Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.0

125 10.9 8.2 12.4

