

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100120\
 Data File : BP003452.D
 Acq On : 01 Oct 2020 23:19
 Operator : CG/JU
 Sample : L4198-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-17

Quant Time: Oct 02 02:54:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 10:05:32 2020
 Response via : Initial Calibration

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

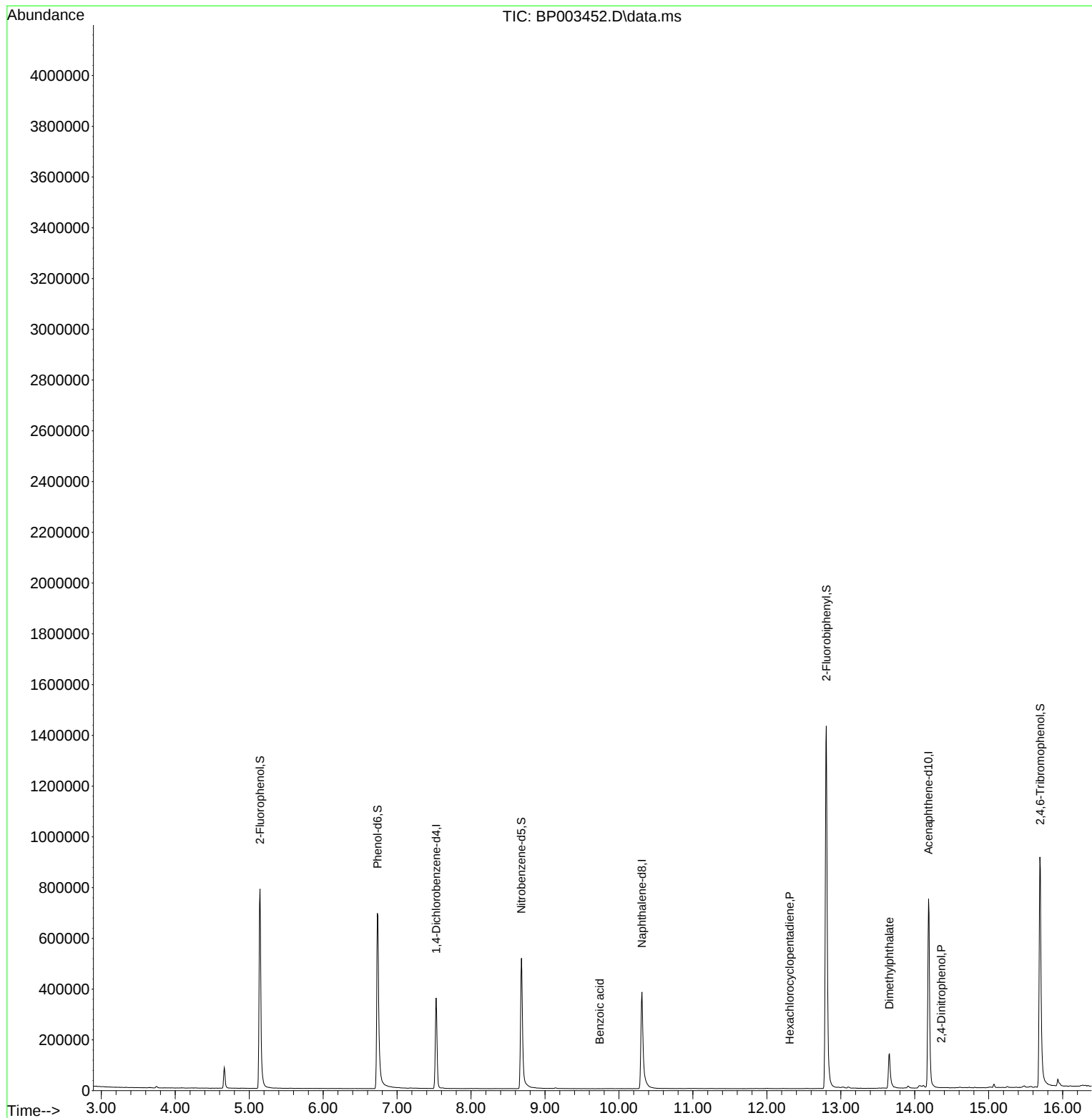
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	101947	20.00	ng	0.00
21) Naphthalene-d8	10.310	136	424514	20.00	ng	# 0.00
39) Acenaphthene-d10	14.187	164	285930	20.00	ng	0.00
64) Phenanthrene-d10	16.945	188	635183	20.00	ng	# 0.00
76) Chrysene-d12	21.051	240	677165	20.00	ng	-0.01
86) Perylene-d12	23.233	264	587935	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.146	112	408136	69.91	ng	0.00
7) Phenol-d6	6.734	99	566089	72.74	ng	0.00
23) Nitrobenzene-d5	8.681	82	391174	54.13	ng	0.00
42) 2,4,6-Tribromophenol	15.698	330	216517	49.65	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	913685	46.74	ng	0.00
79) Terphenyl-d14	19.528	244	1407500	43.31	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.740	122	40	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.310	237	33	6.85	ng	82
50) Dimethylphthalate	13.657	163	123876	5.43	ng	100
54) 2,4-Dinitrophenol	14.357	184	43	7.27	ng	# 1
70) Pentachlorophenol	16.628	266	19	6.77	ng	# 75
71) Phenanthrene	16.986	178	108473	3.14	ng	100
75) Fluoranthene	18.975	202	473528	10.90	ng	99
78) Pyrene	19.322	202	420443	9.96	ng	100
81) Benzo(a)anthracene	21.033	228	129905	2.97	ng	100
83) Chrysene	21.086	228	126308	3.00	ng	98
88) Benzo(b)fluoranthene	22.580	252	145855	3.93	ng	98
89) Benzo(k)fluoranthene	22.580	252	145855	4.10	ng	99

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

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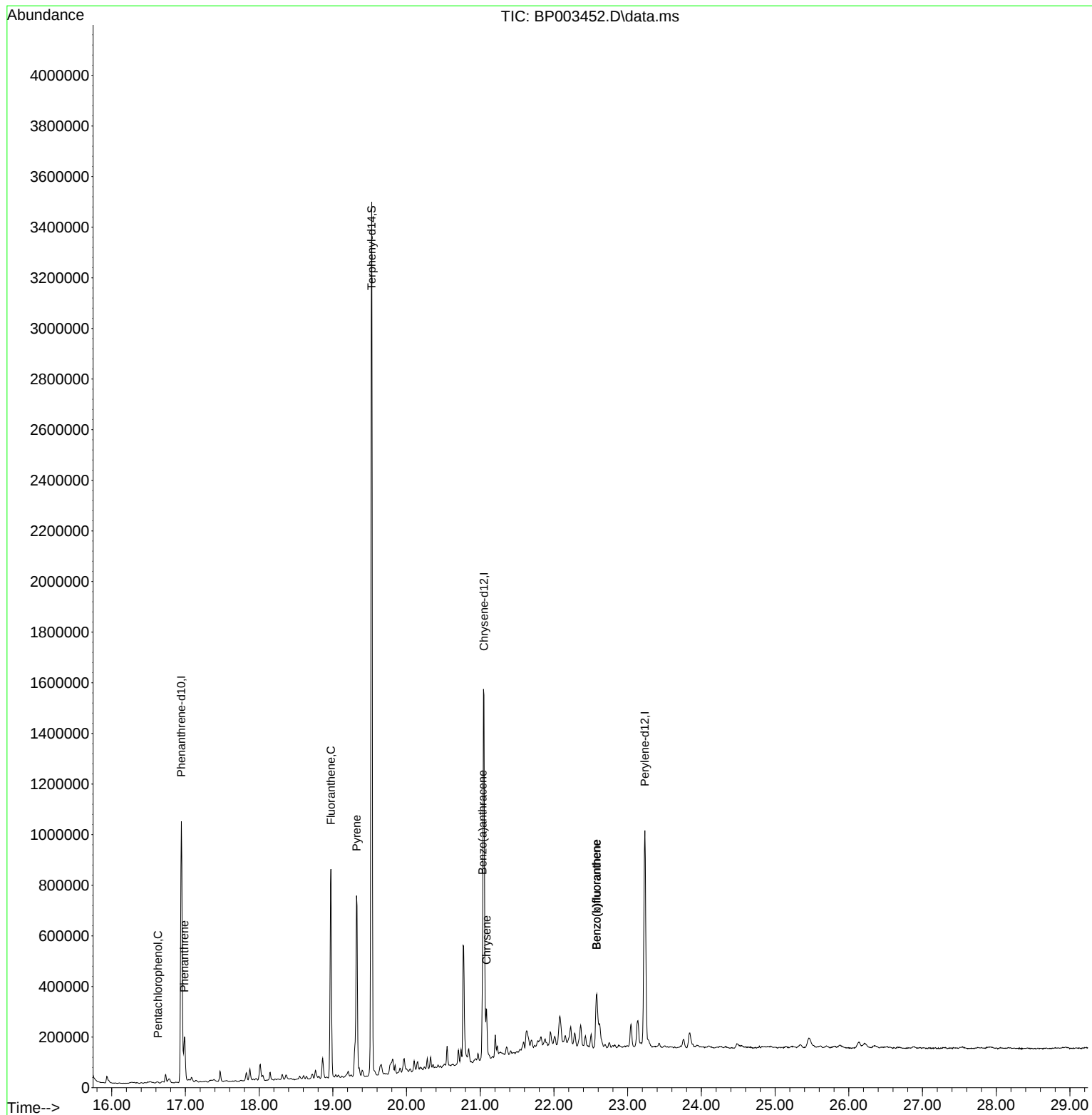
Quant Time: Oct 02 02:54:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 10:05:32 2020
Response via : Initial Calibration

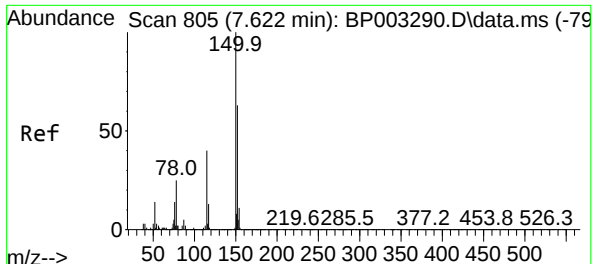


Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100120\
Data File : BP003452.D
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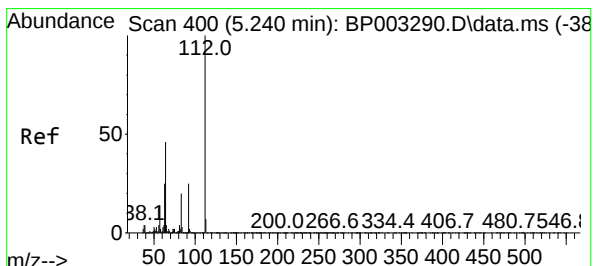
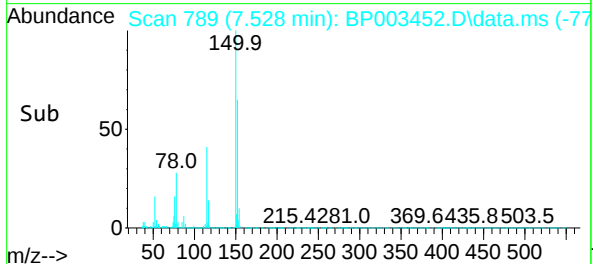
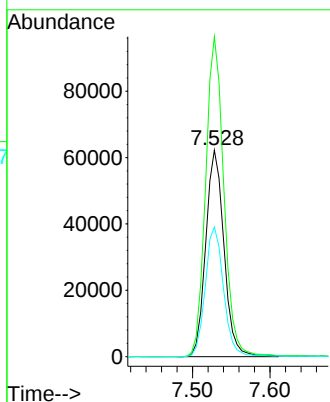
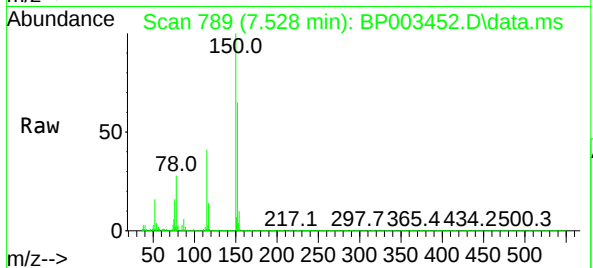




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.528 min Scan# 789
Delta R.T. -0.006 min
Lab File: BP003452.D
Acq: 01 Oct 2020 23:19

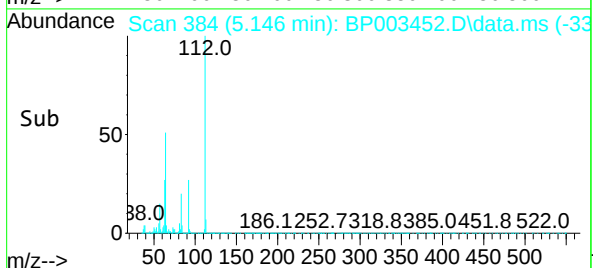
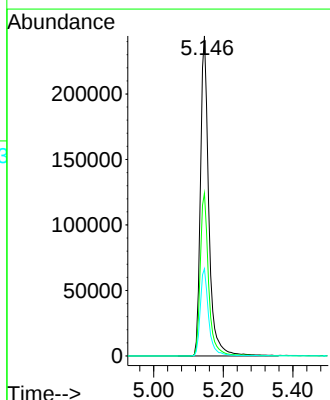
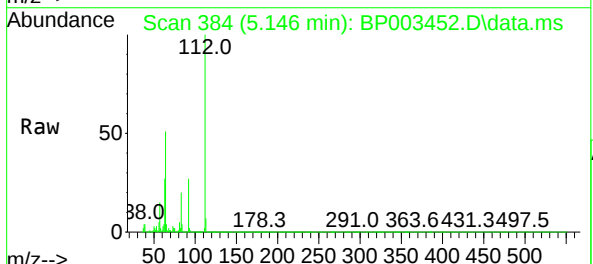
Instrument :
BNA_P
ClientSampled :
RO-17

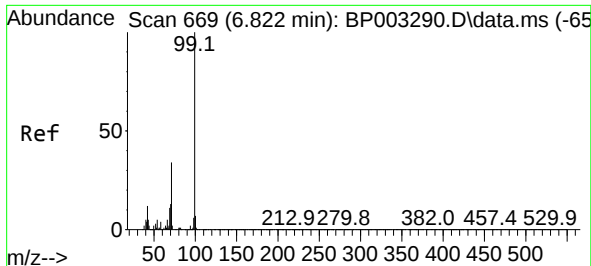
Tgt Ion:152 Resp: 101947
Ion Ratio Lower Upper
152 100
150 154.9 123.8 185.6
115 62.8 43.8 65.6



#5
2-Fluorophenol
Concen: 69.91 ng
RT: 5.146 min Scan# 384
Delta R.T. -0.006 min
Lab File: BP003452.D
Acq: 01 Oct 2020 23:19

Tgt Ion:112 Resp: 408136
Ion Ratio Lower Upper
112 100
64 50.9 32.8 49.2#
63 27.2 17.0 25.4#

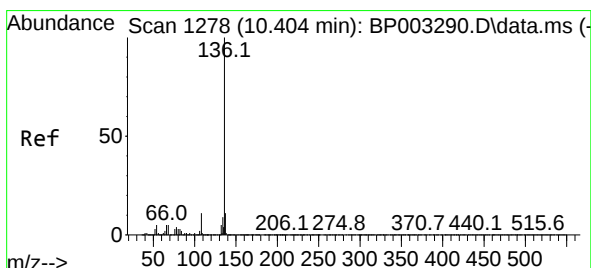
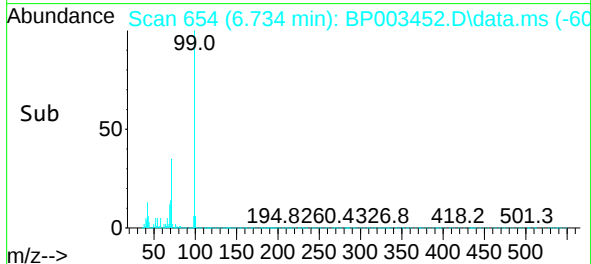
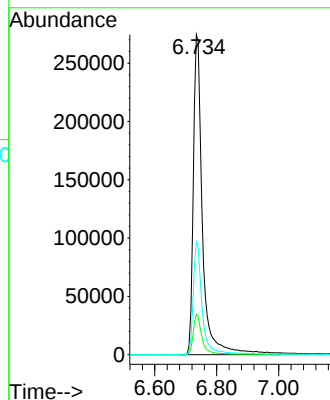
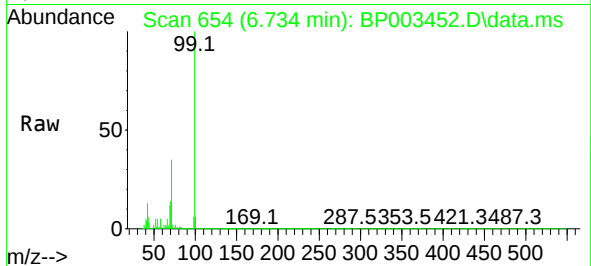




#7
Phenol-d6
Concen: 72.74 ng
RT: 6.734 min Scan# 654
Delta R.T. -0.006 min
Lab File: BP003452.D
Acq: 01 Oct 2020 23:19

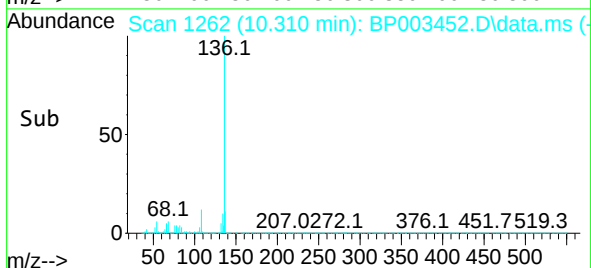
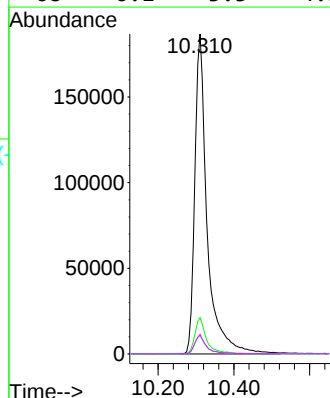
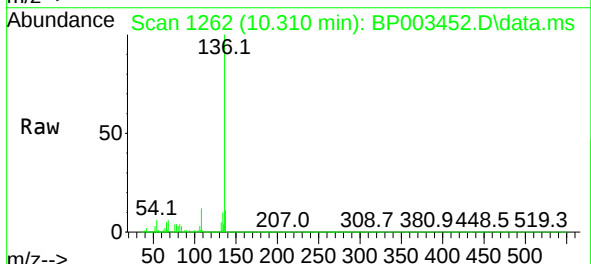
Instrument :
BNA_P
ClientSampleId :
RO-17

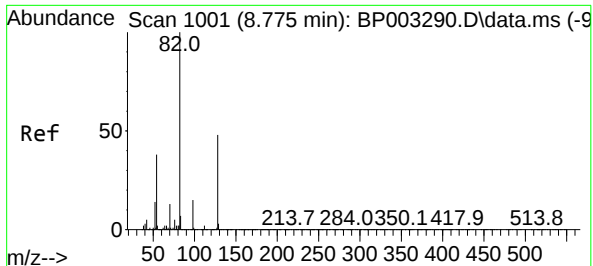
Tgt Ion: 99 Resp: 566089
Ion Ratio Lower Upper
99 100
42 12.6 8.6 13.0
71 35.2 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.310 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BP003452.D
Acq: 01 Oct 2020 23:19

Tgt Ion: 136 Resp: 424514
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 5.6 3.6 5.4#
68 6.1 3.3 4.9#

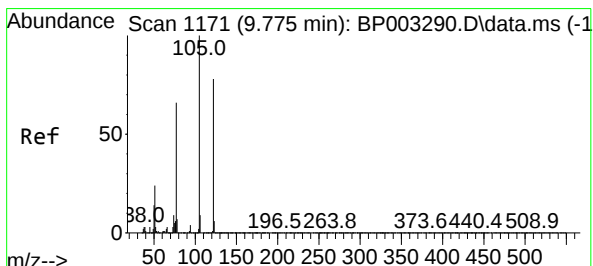
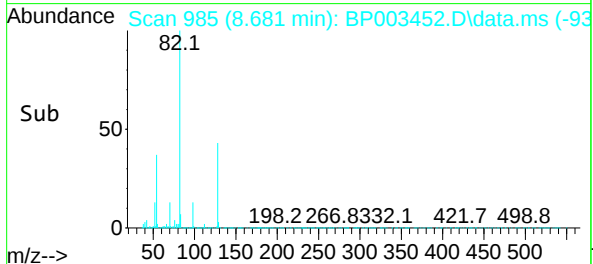
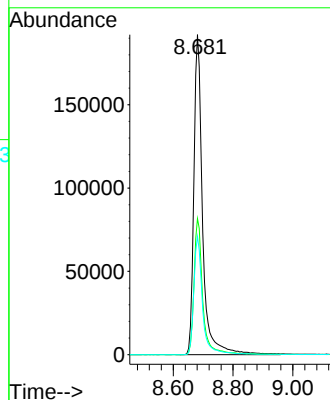
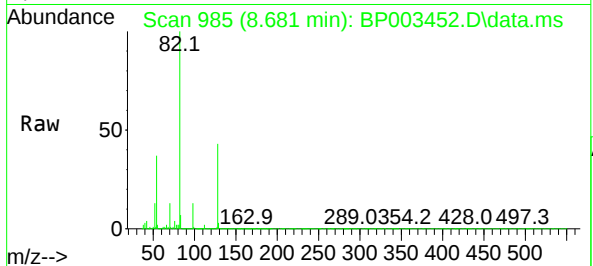




#23
Nitrobenzene-d5
Concen: 54.13 ng
RT: 8.681 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP003452.D
Acq: 01 Oct 2020 23:19

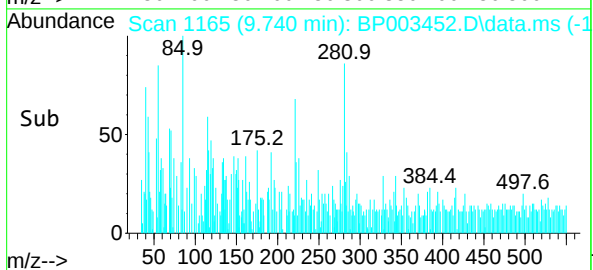
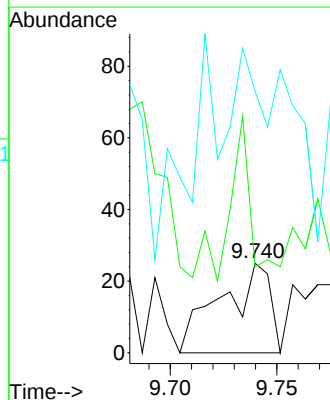
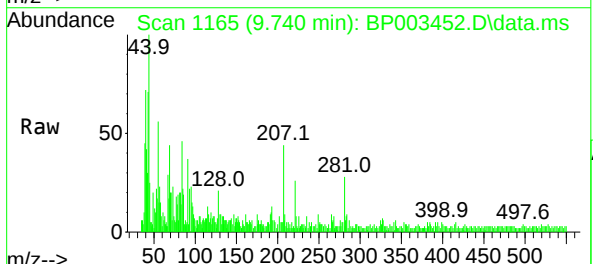
Instrument :
BNA_P
ClientSampleId :
RO-17

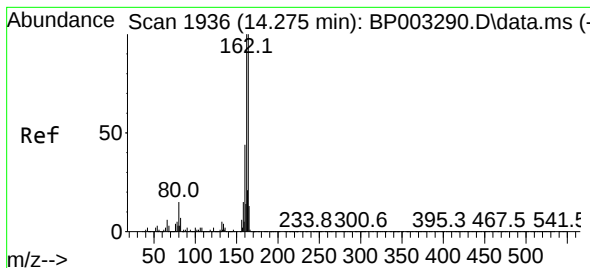
Tgt Ion: 82 Resp: 391174
Ion Ratio Lower Upper
82 100
128 42.6 45.6 68.4#
54 37.0 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.740 min Scan# 1165
Delta R.T. 0.023 min
Lab File: BP003452.D
Acq: 01 Oct 2020 23:19

Tgt Ion: 122 Resp: 40
Ion Ratio Lower Upper
122 100
105 96.0 94.1 134.1
77 292.0 50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.187 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BP003452.D

Acq: 01 Oct 2020 23:19

Tgt Ion:164 Resp: 285930

Ion Ratio Lower Upper

164 100

162 100.9 79.4 119.2

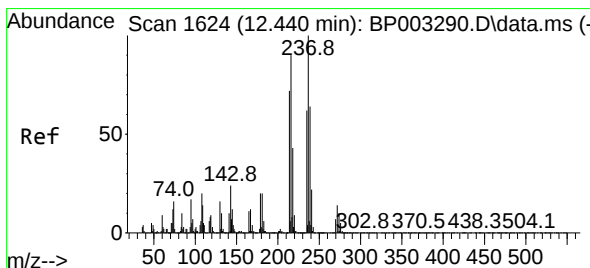
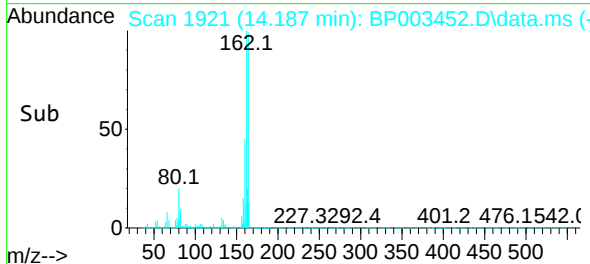
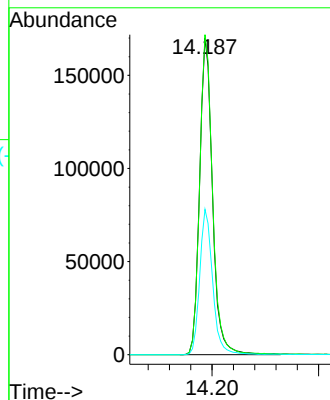
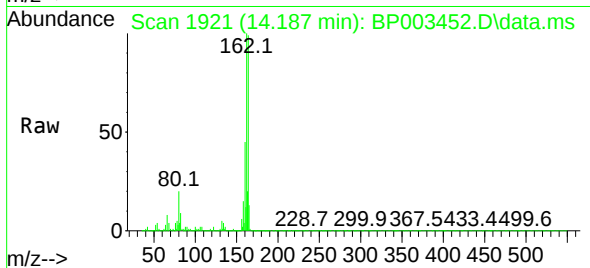
160 45.8 36.1 54.1

Instrument :

BNA_P

ClientSampleId :

RO-17



#41

Hexachlorocyclopentadiene

Concen: 6.85 ng

RT: 12.310 min Scan# 1602

Delta R.T. -0.041 min

Lab File: BP003452.D

Acq: 01 Oct 2020 23:19

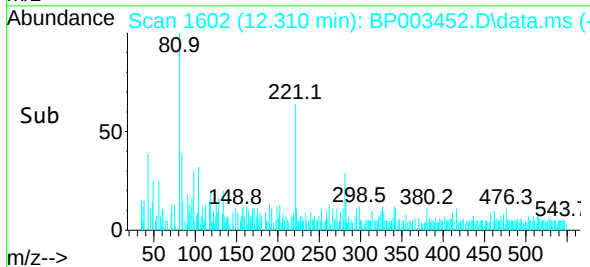
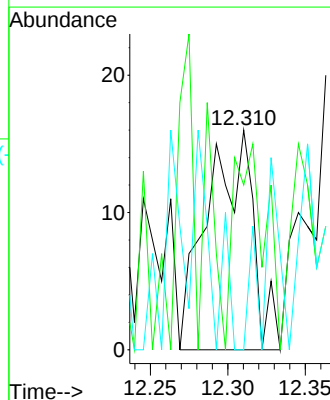
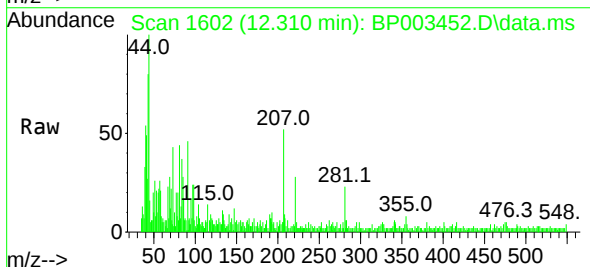
Tgt Ion:237 Resp: 33

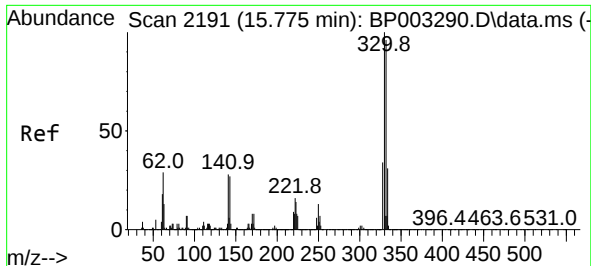
Ion Ratio Lower Upper

237 100

235 75.0 43.2 83.2

272 0.0 0.0 33.3

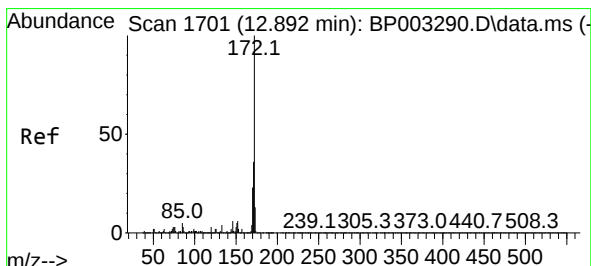
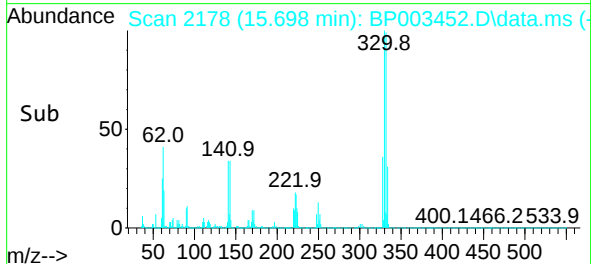
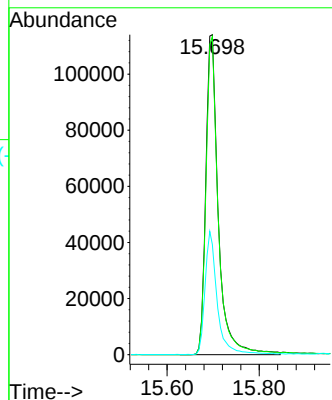
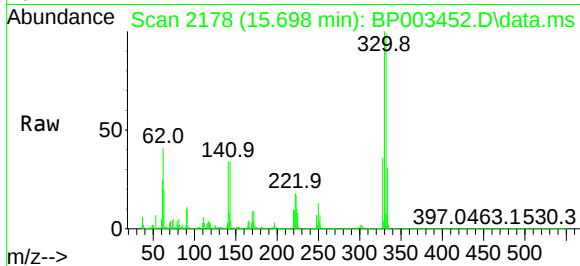




#42
2,4,6-Tribromophenol
Concen: 49.65 ng
RT: 15.698 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BP003452.D
Acq: 01 Oct 2020 23:19

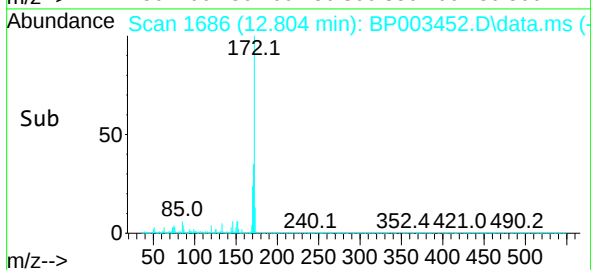
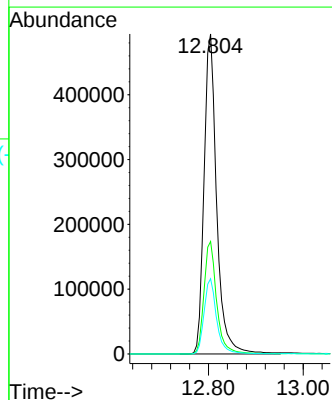
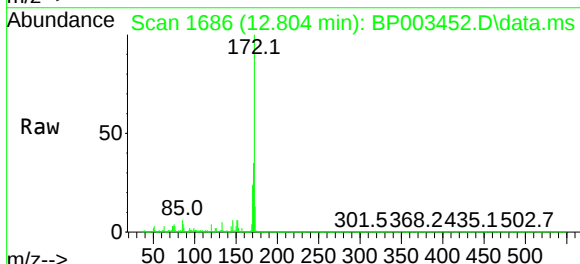
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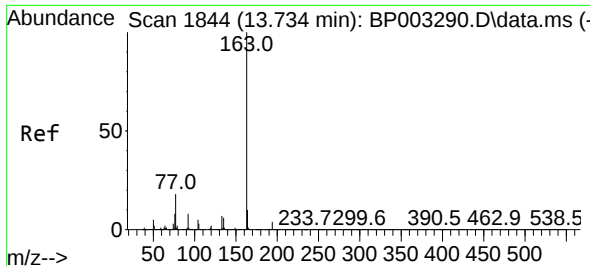
Tgt Ion:330 Resp: 216517
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 37.6 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 46.74 ng
RT: 12.804 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BP003452.D
Acq: 01 Oct 2020 23:19

Tgt Ion:172 Resp: 913685
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.5 19.2 28.8

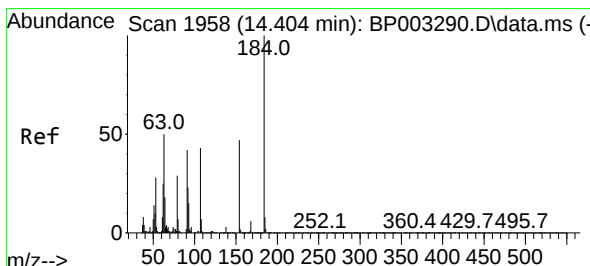
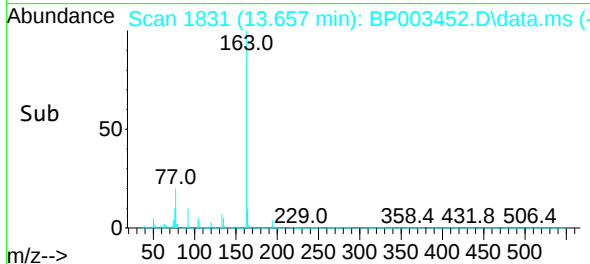
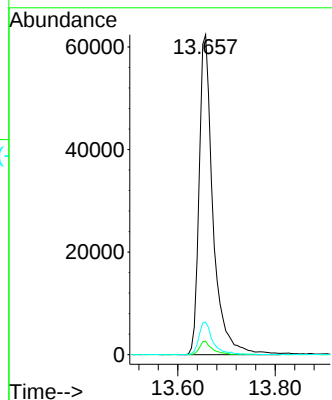
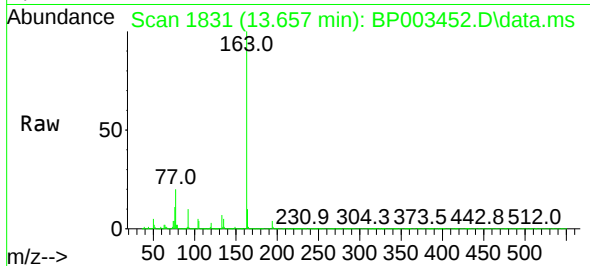




#50
Dimethylphthalate
Concen: 5.43 ng
RT: 13.657 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BP003452.D
Acq: 01 Oct 2020 23:19

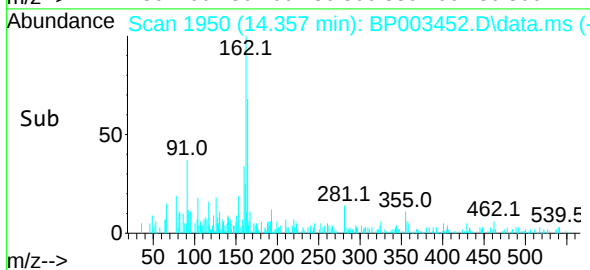
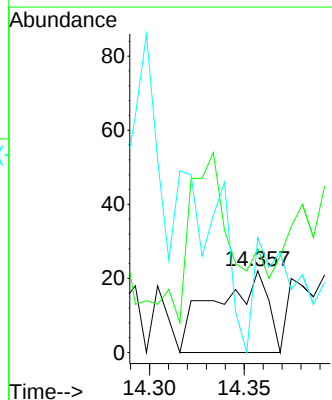
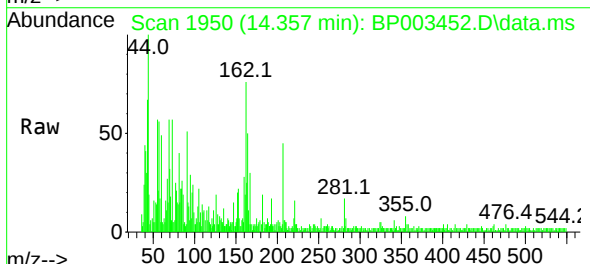
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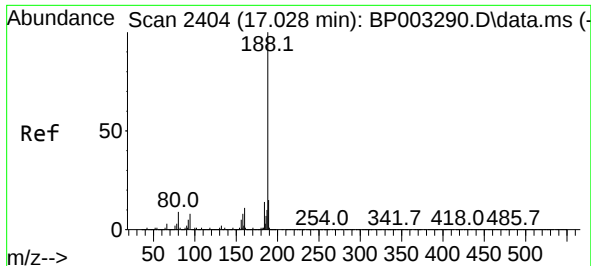
Tgt Ion:163 Resp: 123876
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.27 ng
RT: 14.357 min Scan# 1950
Delta R.T. 0.012 min
Lab File: BP003452.D
Acq: 01 Oct 2020 23:19

Tgt Ion:184 Resp: 43
Ion Ratio Lower Upper
184 100
63 127.3 32.3 48.5#
154 140.9 49.1 73.7#

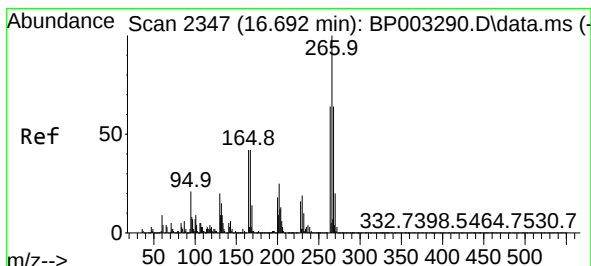
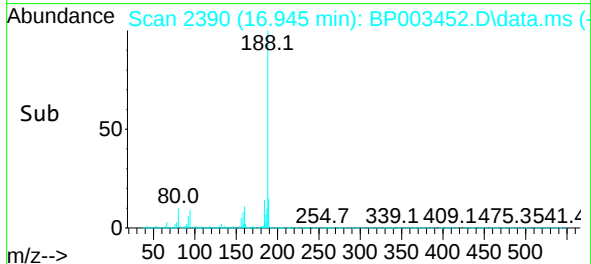
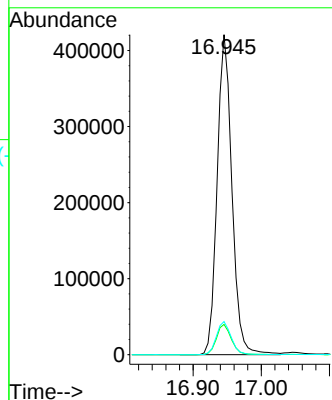
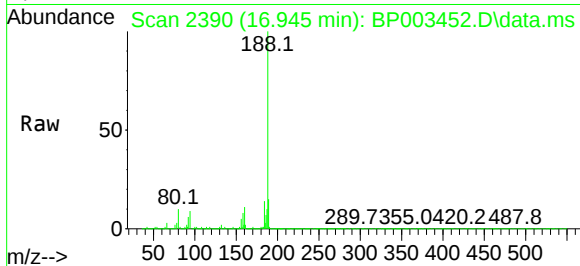




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.945 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP003452.D
Acq: 01 Oct 2020 23:19

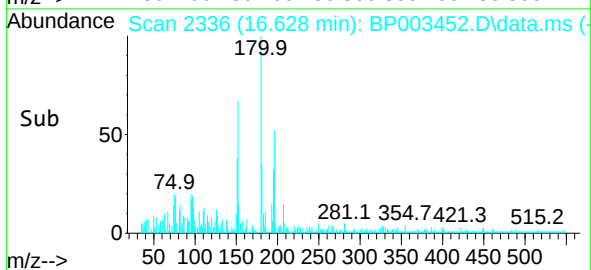
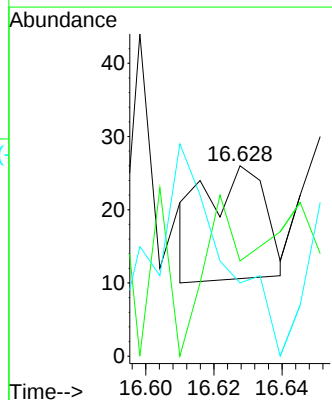
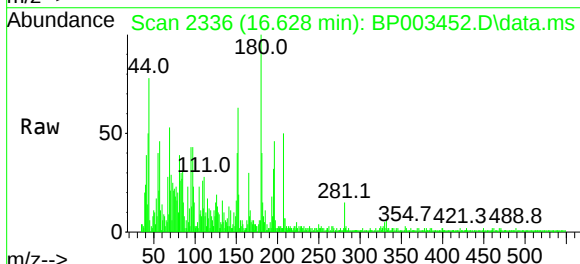
Instrument :
BNA_P
ClientSampled :
RO-17

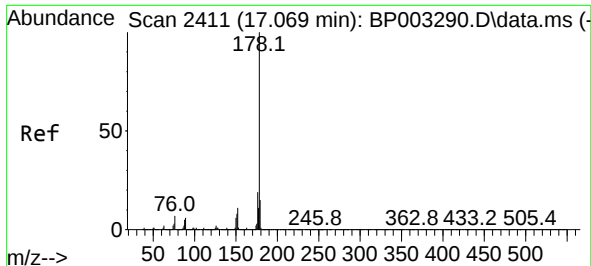
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Ion Ratio Lower Upper
188 100
94 9.5 6.2 9.2#
80 10.4 6.2 9.2#



#70
Pentachlorophenol
Concen: 6.77 ng
RT: 16.628 min Scan# 2336
Delta R.T. 0.006 min
Lab File: BP003452.D
Acq: 01 Oct 2020 23:19

Tgt Ion:266 Resp: 19
Ion Ratio Lower Upper
266 100
268 50.0 51.1 76.7#
264 38.5 50.6 76.0#

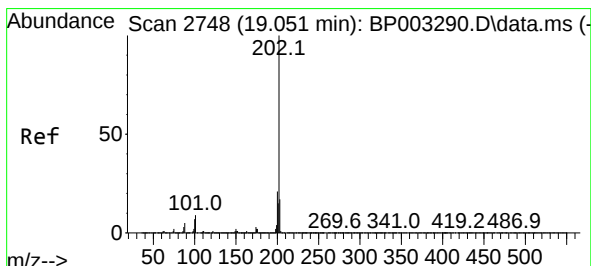
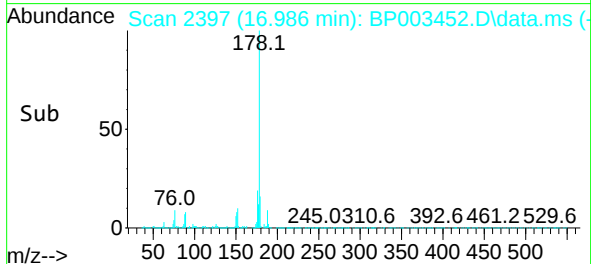
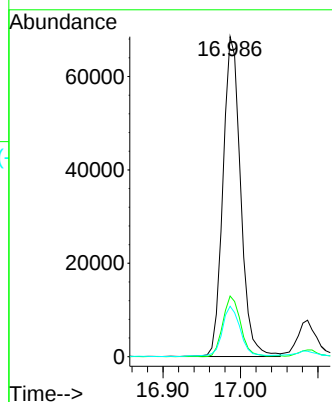
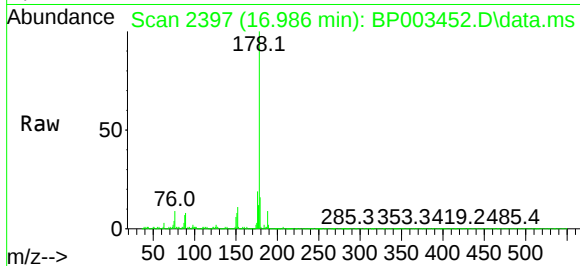




#71
Phenanthrene
Concen: 3.14 ng
RT: 16.986 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP003452.D
Acq: 01 Oct 2020 23:19

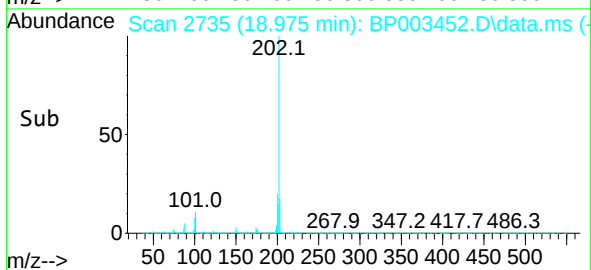
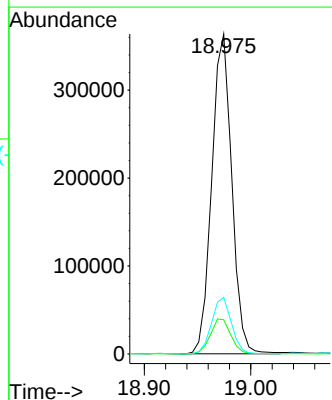
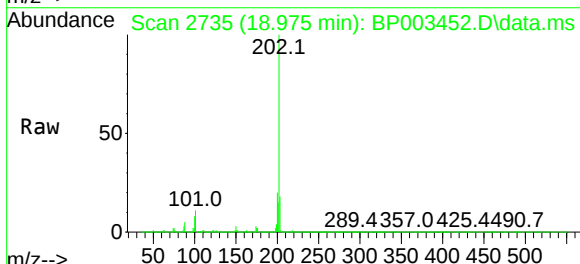
Instrument :
BNA_P
ClientSampleId :
RO-17

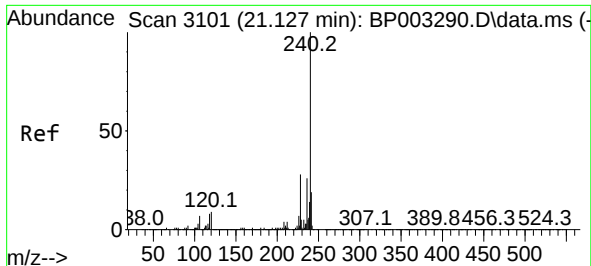
Tgt Ion:178 Resp: 108473
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.7 12.5 18.7



#75
Fluoranthene
Concen: 10.90 ng
RT: 18.975 min Scan# 2735
Delta R.T. -0.006 min
Lab File: BP003452.D
Acq: 01 Oct 2020 23:19

Tgt Ion:202 Resp: 473528
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.4
203 17.7 0.0 37.8

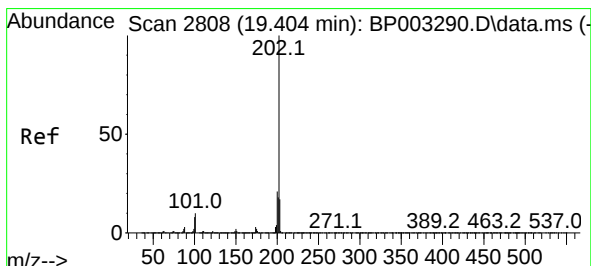
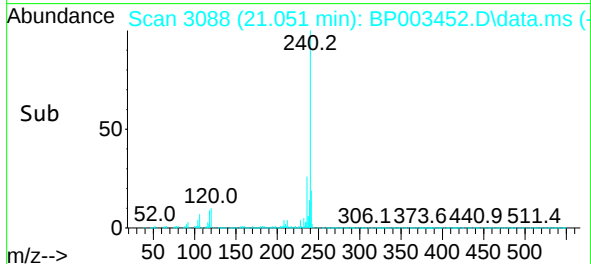
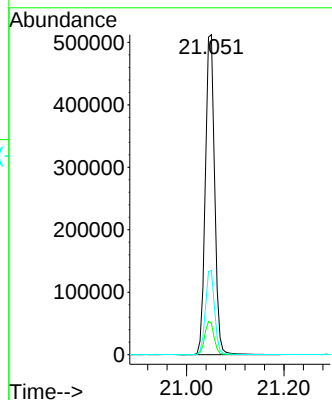
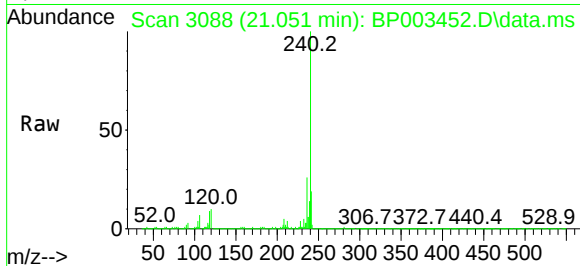




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.051 min Scan# 3088
Delta R.T. -0.012 min
Lab File: BP003452.D
Acq: 01 Oct 2020 23:19

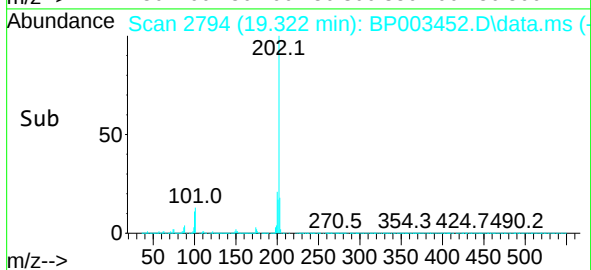
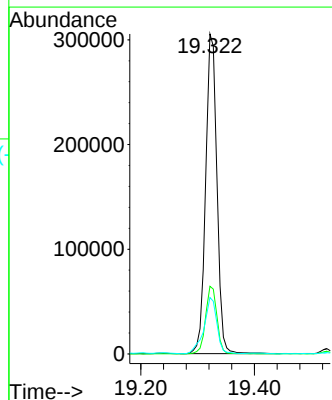
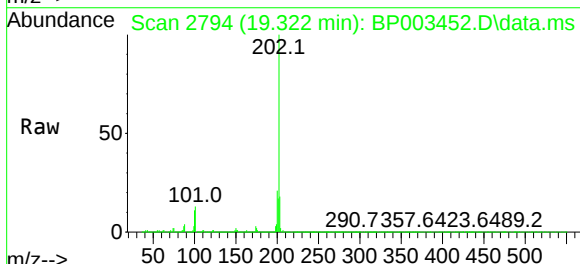
Instrument :
BNA_P
ClientSampleId :
RO-17

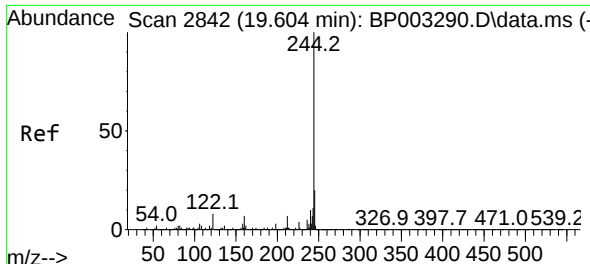
Tgt Ion:240 Resp: 677165
Ion Ratio Lower Upper
240 100
120 9.8 7.8 11.6
236 26.3 20.8 31.2



#78
Pyrene
Concen: 9.96 ng
RT: 19.322 min Scan# 2794
Delta R.T. -0.012 min
Lab File: BP003452.D
Acq: 01 Oct 2020 23:19

Tgt Ion:202 Resp: 420443
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.6 14.2 21.2

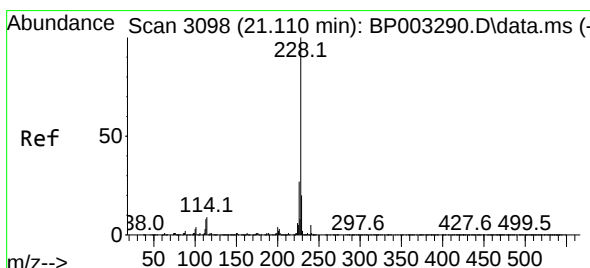
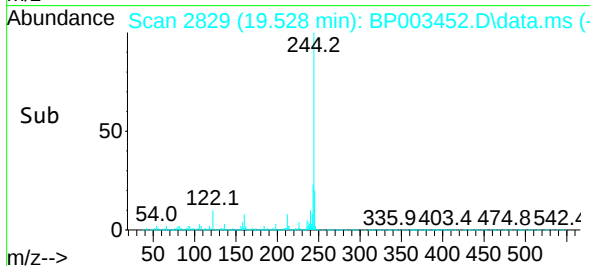
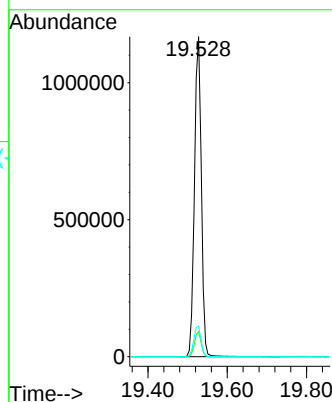
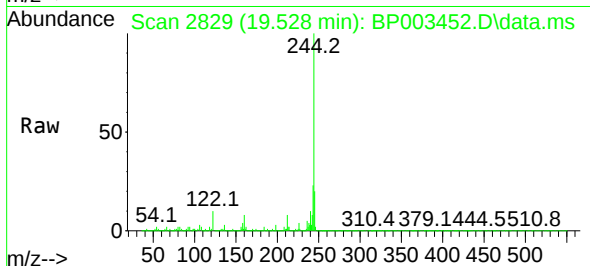




#79
 Terphenyl-d14
 Concen: 43.31 ng
 RT: 19.528 min Scan# 2829
 Delta R.T. -0.006 min
 Lab File: BP003452.D
 Acq: 01 Oct 2020 23:19

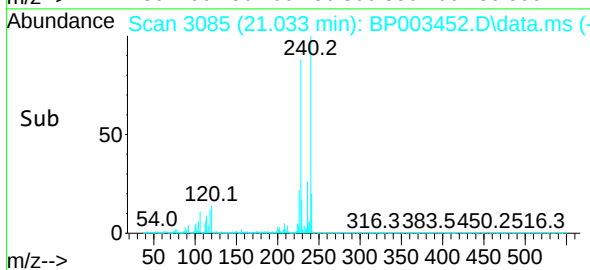
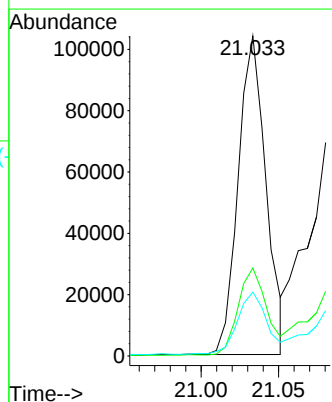
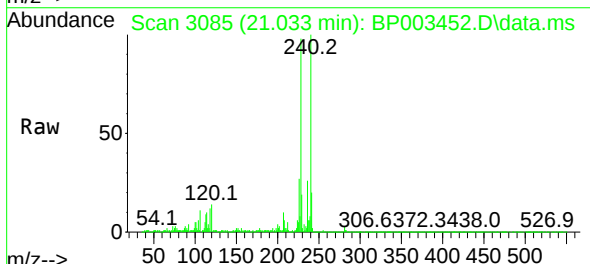
Instrument :
 BNA_P
 ClientSampleId :
 RO-17

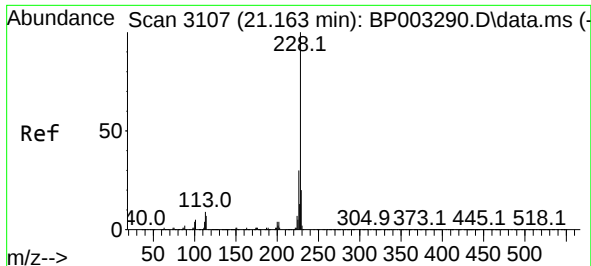
Tgt Ion:244 Resp: 1407500
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.6
 122 9.5 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 2.97 ng
 RT: 21.033 min Scan# 3085
 Delta R.T. -0.012 min
 Lab File: BP003452.D
 Acq: 01 Oct 2020 23:19

Tgt Ion:228 Resp: 129905
 Ion Ratio Lower Upper
 228 100
 226 27.5 22.1 33.1
 229 20.0 15.9 23.9

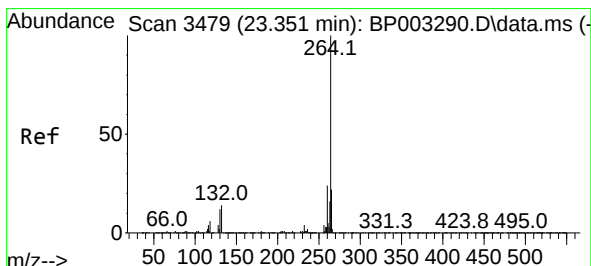
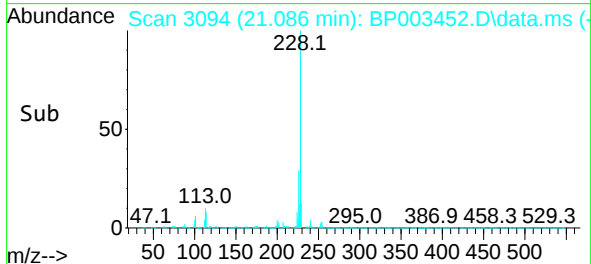
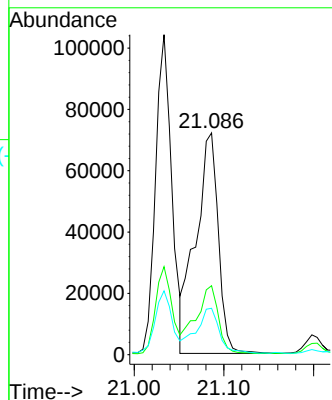
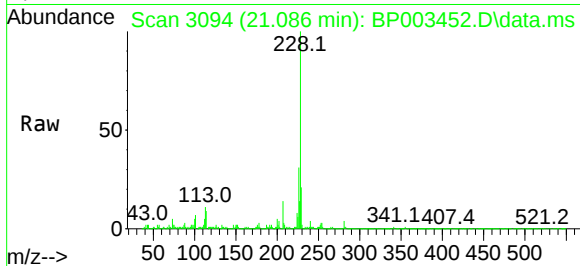




#83
Chrysene
Concen: 3.00 ng
RT: 21.086 min Scan# 3094
Delta R.T. -0.012 min
Lab File: BP003452.D
Acq: 01 Oct 2020 23:19

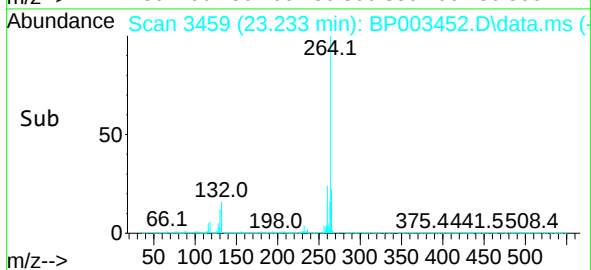
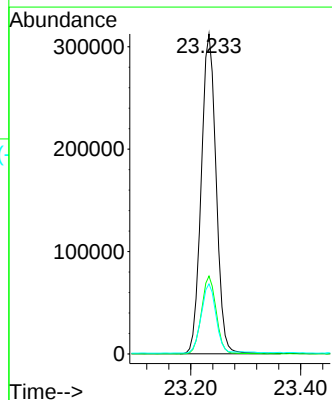
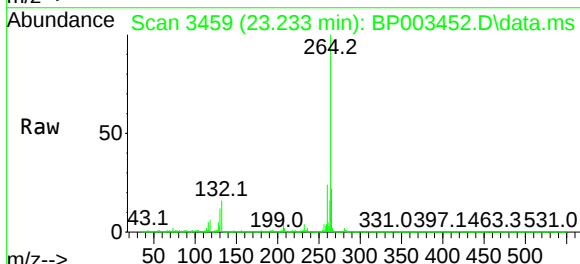
Instrument :
BNA_P
ClientSampled :
RO-17

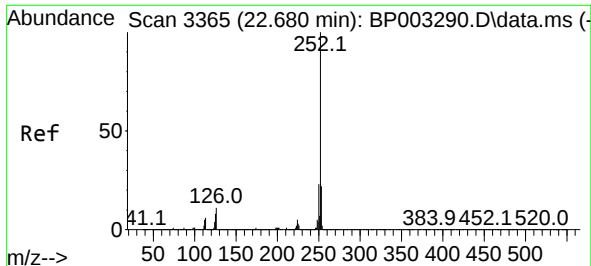
Tgt Ion:228 Resp: 126308
Ion Ratio Lower Upper
228 100
226 31.1 24.4 36.6
229 20.9 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.233 min Scan# 3459
Delta R.T. -0.024 min
Lab File: BP003452.D
Acq: 01 Oct 2020 23:19

Tgt Ion:264 Resp: 587935
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 21.9 17.4 26.2

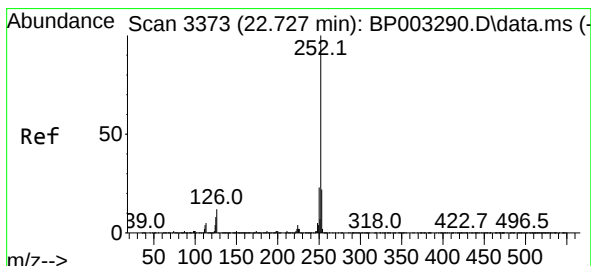
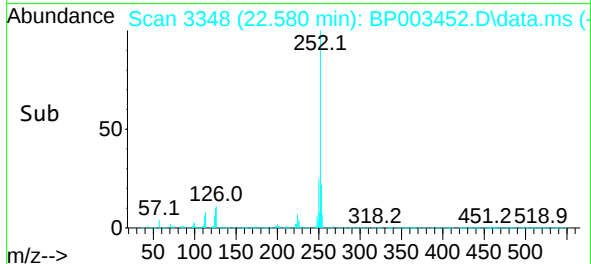
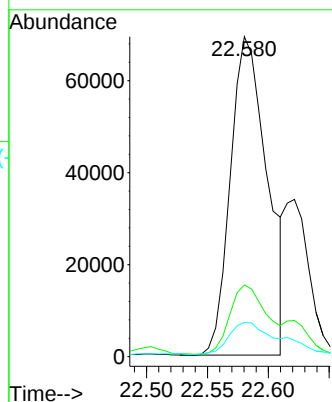
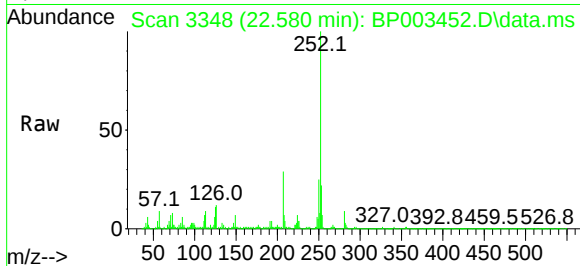




#88
Benzo(b)fluoranthene
Concen: 3.93 ng
RT: 22.580 min Scan# 3348
Delta R.T. -0.012 min
Lab File: BP003452.D
Acq: 01 Oct 2020 23:19

Instrument :
BNA_P
ClientSampled :
RO-17

Tgt Ion:252 Resp: 145855
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 10.7 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 4.10 ng
RT: 22.580 min Scan# 3348
Delta R.T. -0.065 min
Lab File: BP003452.D
Acq: 01 Oct 2020 23:19

Tgt Ion:252 Resp: 145855
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.7 7.4 11.2

