

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
 Data File : BP003461.D
 Acq On : 02 Oct 2020 15:49
 Operator : CG/JU
 Sample : L4198-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-5

Quant Time: Oct 02 16:38:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 02 11:17:24 2020
 Response via : Initial Calibration

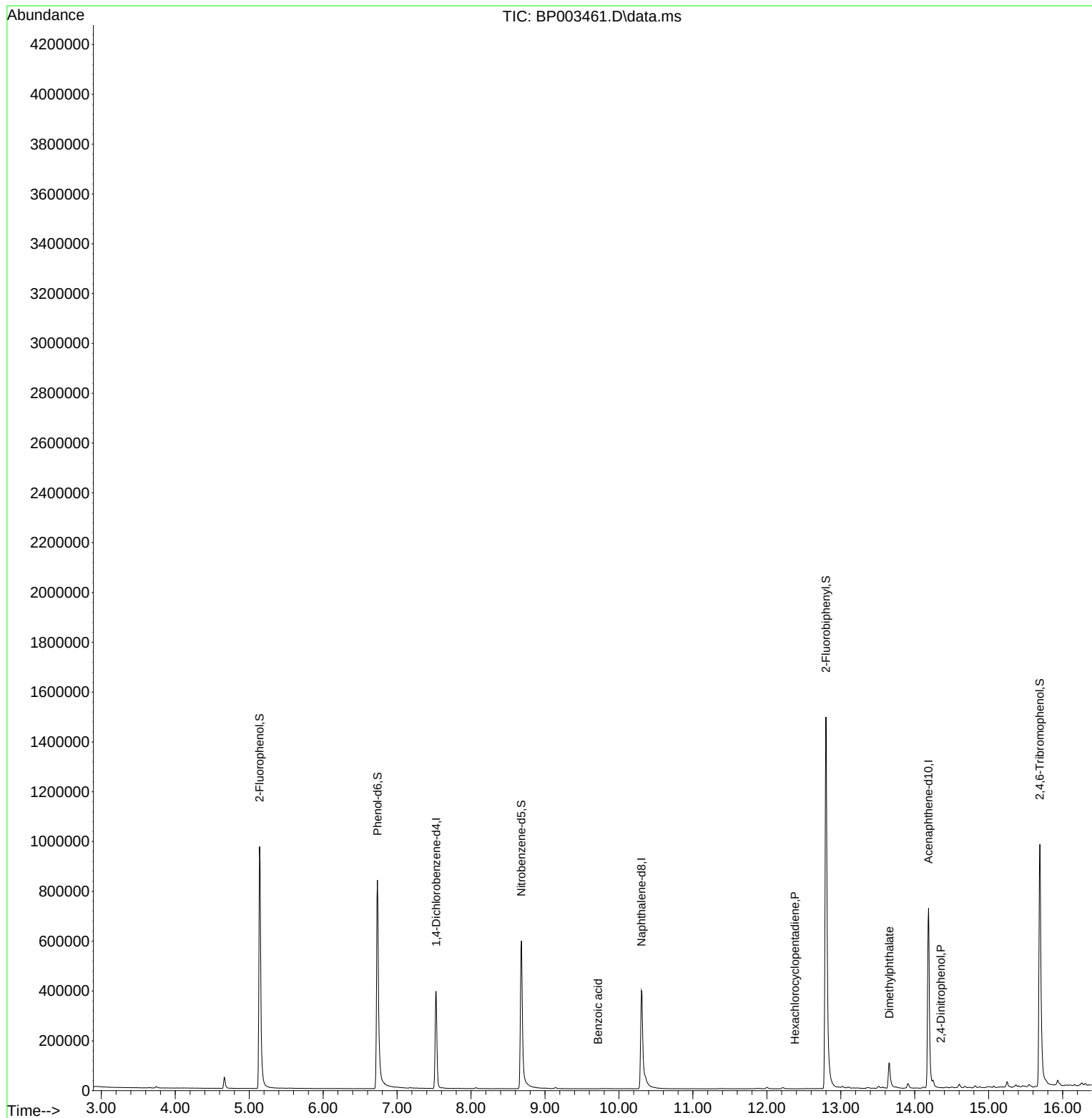
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	114448	20.00	ng	0.00
21) Naphthalene-d8	10.304	136	467613	20.00	ng	# 0.00
39) Acenaphthene-d10	14.187	164	284420	20.00	ng	0.00
64) Phenanthrene-d10	16.945	188	604793	20.00	ng	# 0.00
76) Chrysene-d12	21.045	240	653934	20.00	ng	0.00
86) Perylene-d12	23.233	264	659291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.140	112	525908	80.24	ng	0.00
7) Phenol-d6	6.734	99	677295	77.53	ng	0.00
23) Nitrobenzene-d5	8.681	82	470670	59.13	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	247649	57.09	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	1020600	52.48	ng	0.00
79) Terphenyl-d14	19.528	244	1484120	47.29	ng	0.00
Target Compounds						
32) Benzoic acid	9.716	122	9	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.381	237	18	6.84	ng	89
50) Dimethylphthalate	13.657	163	96383	4.24	ng	99
54) 2,4-Dinitrophenol	14.351	184	24	7.26	ng	# 1
70) Pentachlorophenol	16.604	266	20	6.77	ng	# 87
71) Phenanthrene	16.986	178	117362	3.57	ng	99
75) Fluoranthene	18.969	202	498793	12.06	ng	97
78) Pyrene	19.322	202	455240	11.16	ng	100
81) Benzo(a)anthracene	21.033	228	172752	4.09	ng	99
83) Chrysene	21.086	228	211176	5.20	ng	99
88) Benzo(b)fluoranthene	22.580	252	215151	5.17	ng	# 96
89) Benzo(k)fluoranthene	22.580	252	215151	5.39	ng	97
90) Benzo(a)pyrene	23.139	252	117918	3.00	ng	98

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

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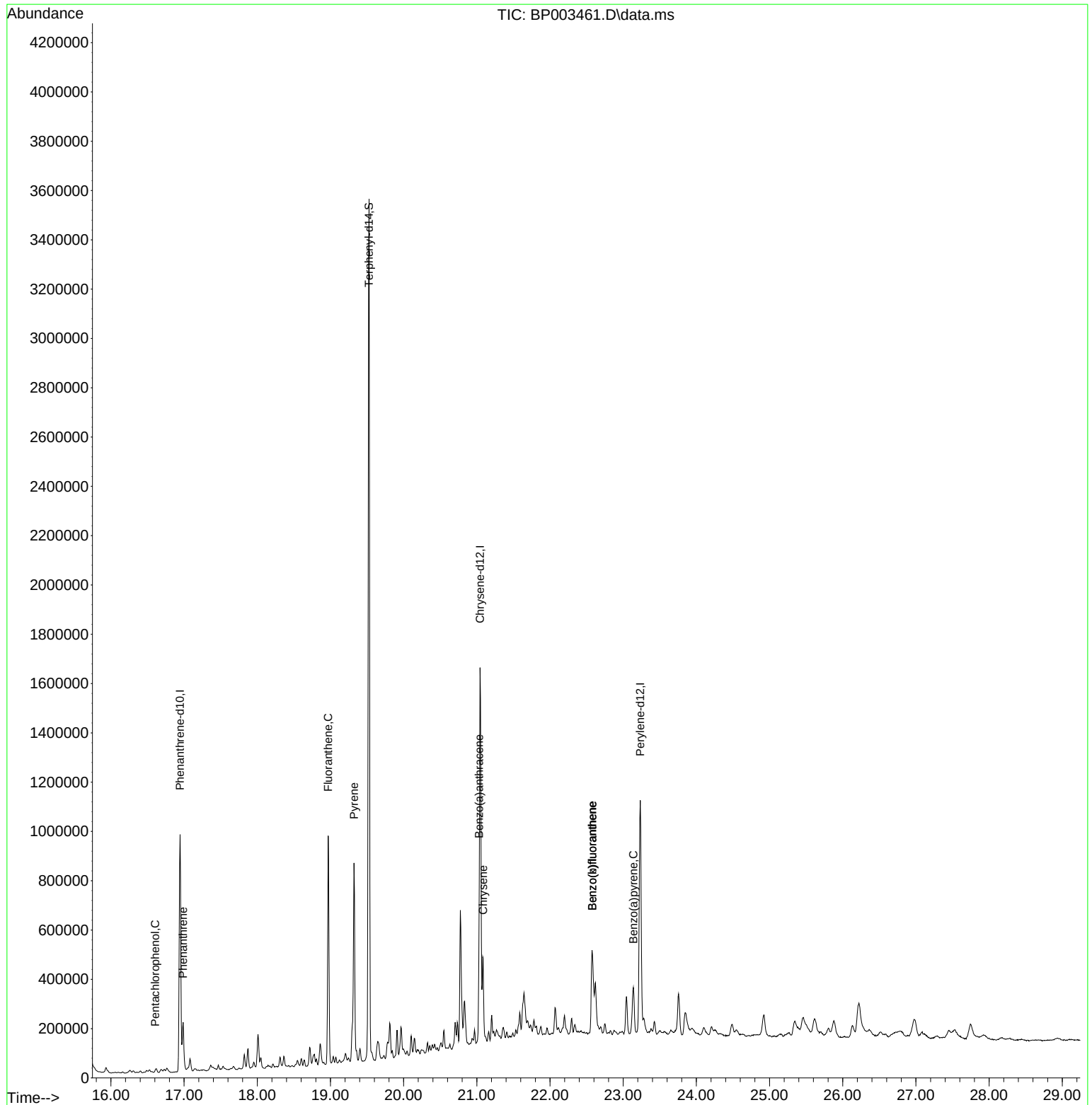
Quant Time: Oct 02 16:38:05 2020
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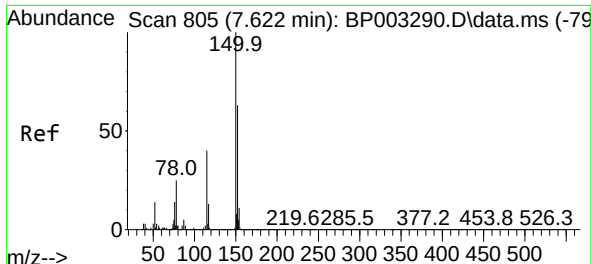


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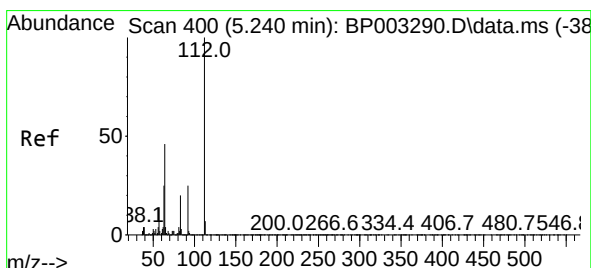
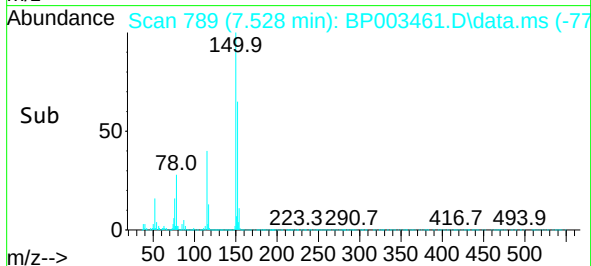
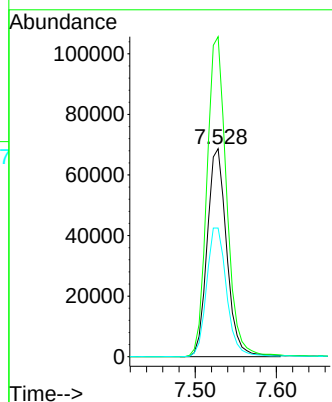
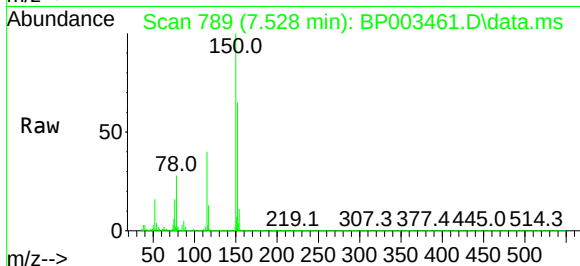




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.528 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP003461.D
Acq: 02 Oct 2020 15:49

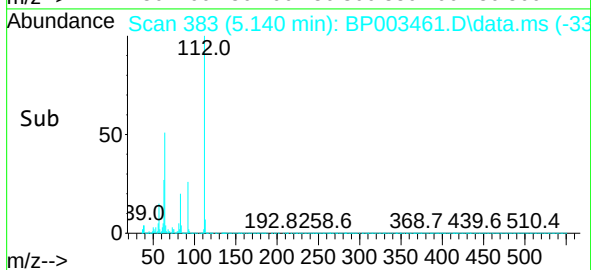
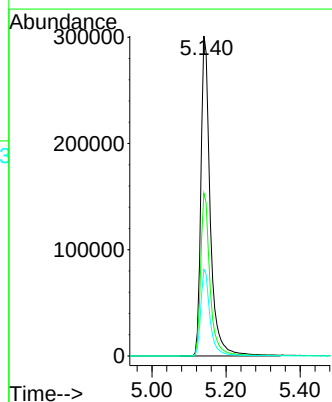
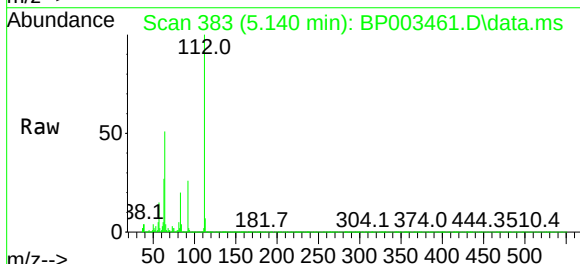
Instrument :
BNA_P
ClientSampleId :
RO-5

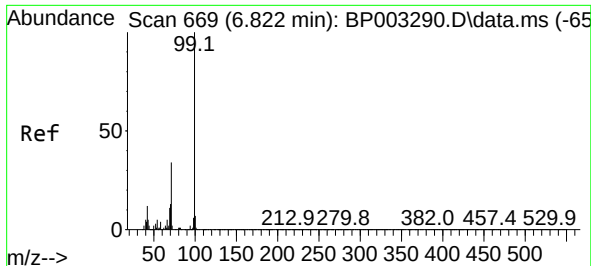
Tgt Ion:152 Resp: 114448
Ion Ratio Lower Upper
152 100
150 153.9 123.8 185.6
115 61.9 43.8 65.6



#5
2-Fluorophenol
Concen: 80.24 ng
RT: 5.140 min Scan# 383
Delta R.T. 0.000 min
Lab File: BP003461.D
Acq: 02 Oct 2020 15:49

Tgt Ion:112 Resp: 525908
Ion Ratio Lower Upper
112 100
64 50.8 32.8 49.2#
63 27.1 17.0 25.4#

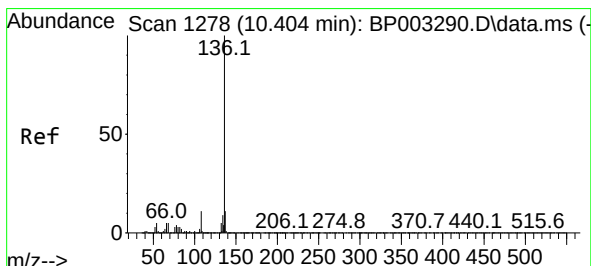
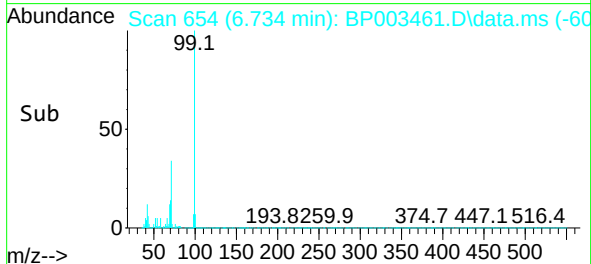
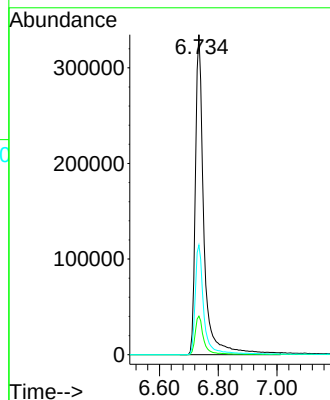
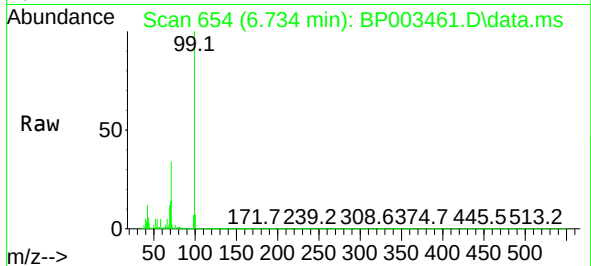




#7
Phenol-d6
Concen: 77.53 ng
RT: 6.734 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP003461.D
Acq: 02 Oct 2020 15:49

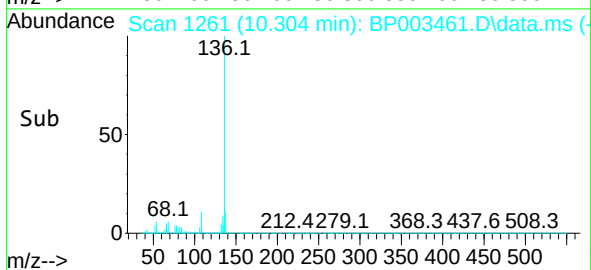
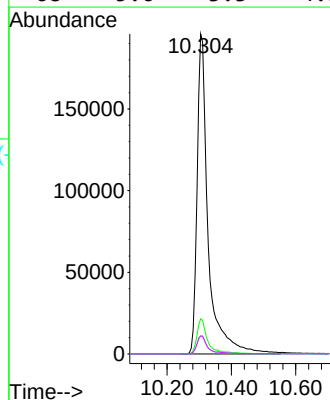
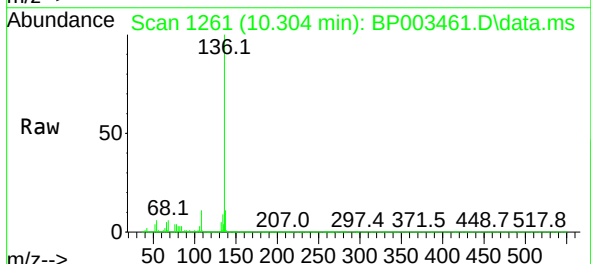
Instrument :
BNA_P
ClientSampleId :
RO-5

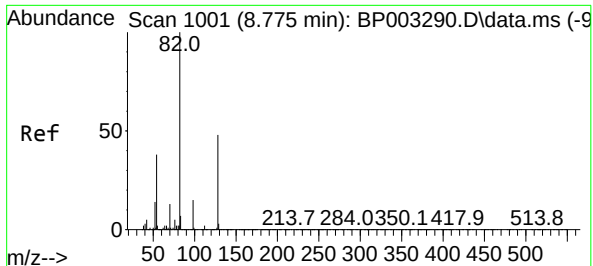
Tgt Ion: 99 Resp: 677295
Ion Ratio Lower Upper
99 100
42 12.1 8.6 13.0
71 34.2 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.304 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP003461.D
Acq: 02 Oct 2020 15:49

Tgt Ion: 136 Resp: 467613
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 5.7 3.6 5.4#
68 5.6 3.3 4.9#

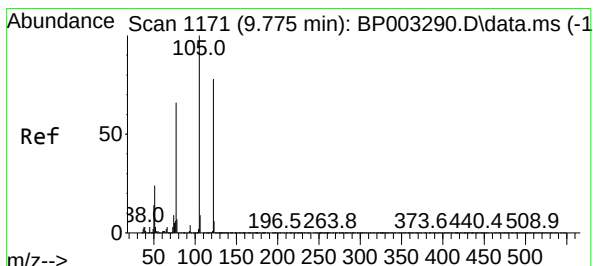
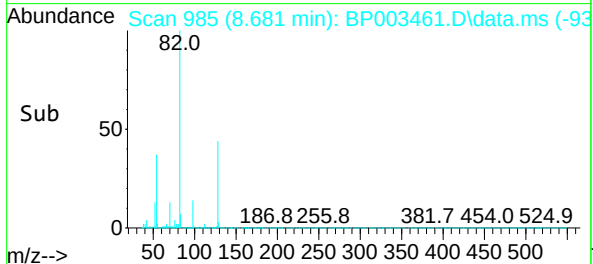
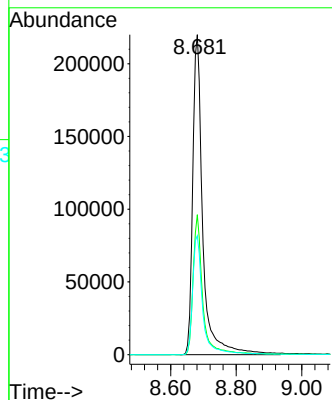
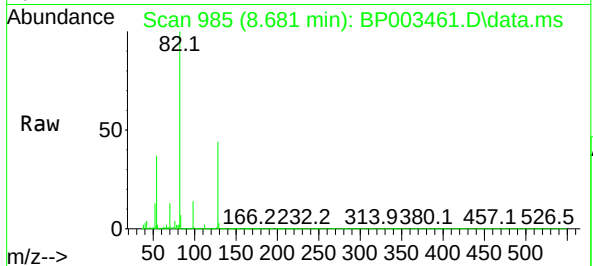




#23
Nitrobenzene-d5
Concen: 59.13 ng
RT: 8.681 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP003461.D
Acq: 02 Oct 2020 15:49

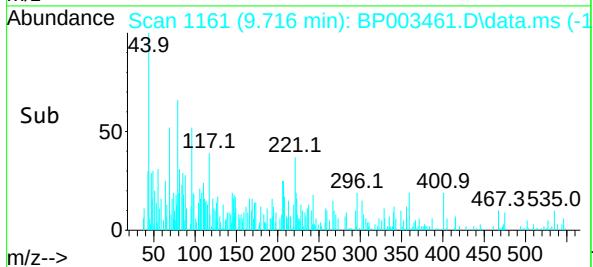
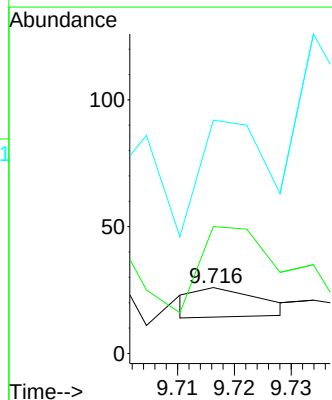
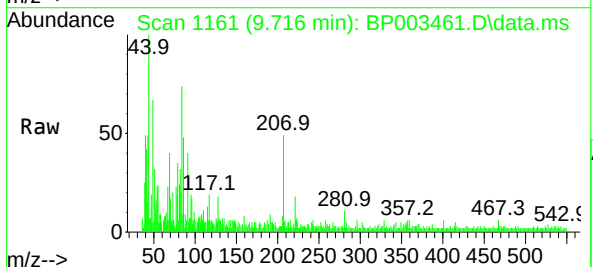
Instrument :
BNA_P
ClientSampleId :
RO-5

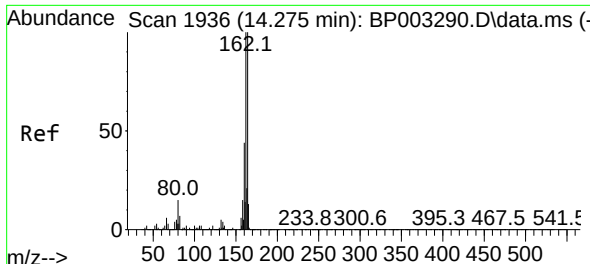
Tgt Ion: 82 Resp: 470670
Ion Ratio Lower Upper
82 100
128 43.7 45.6 68.4#
54 37.1 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.716 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BP003461.D
Acq: 02 Oct 2020 15:49

Tgt Ion: 122 Resp: 9
Ion Ratio Lower Upper
122 100
105 192.3 94.1 134.1#
77 353.8 50.1 90.1#

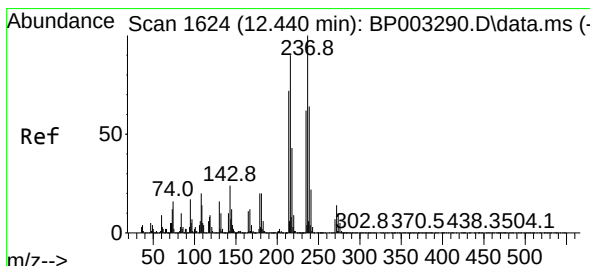
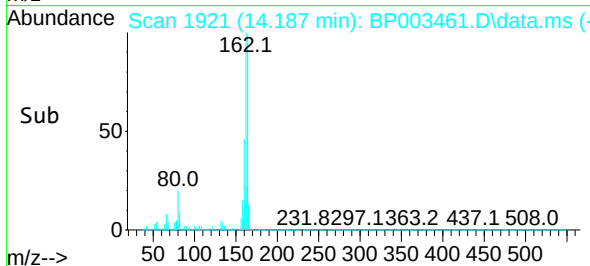
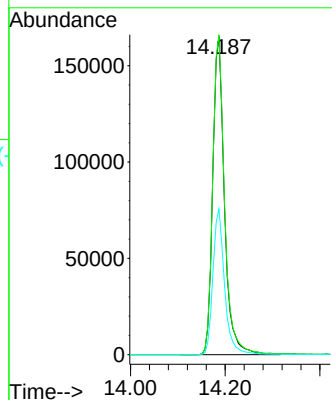
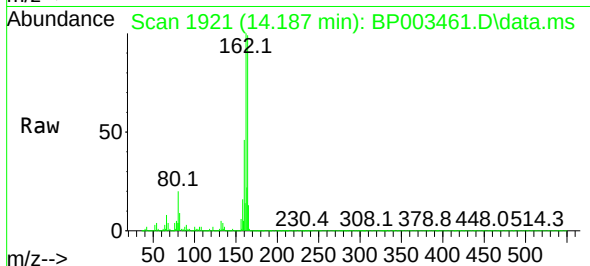




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.187 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BP003461.D
Acq: 02 Oct 2020 15:49

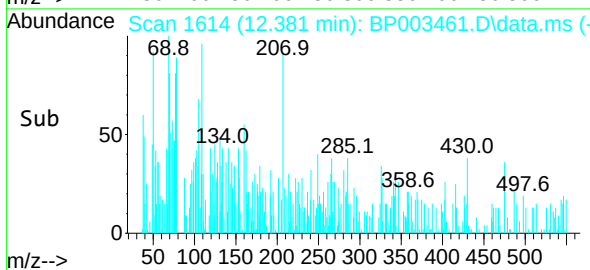
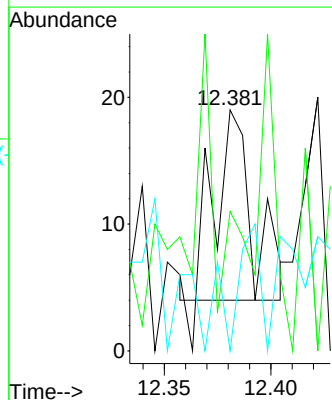
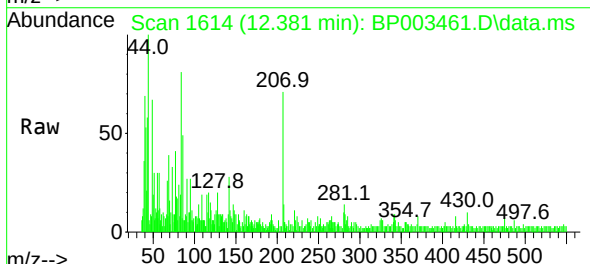
Instrument :
BNA_P
ClientSampled :
RO-5

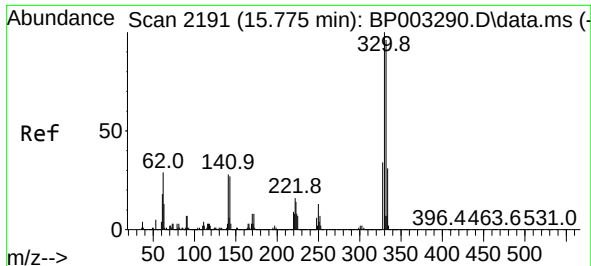
Tgt Ion:164 Resp: 284420
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.2
160 45.8 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.381 min Scan# 1614
Delta R.T. 0.041 min
Lab File: BP003461.D
Acq: 02 Oct 2020 15:49

Tgt Ion:237 Resp: 18
Ion Ratio Lower Upper
237 100
235 57.9 43.2 83.2
272 0.0 0.0 33.3

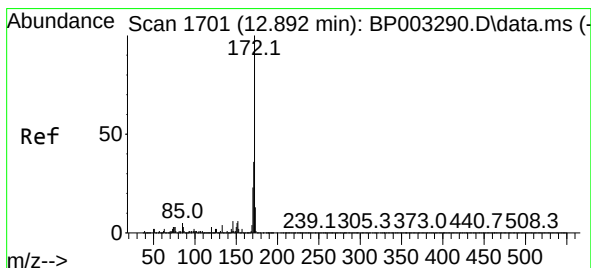
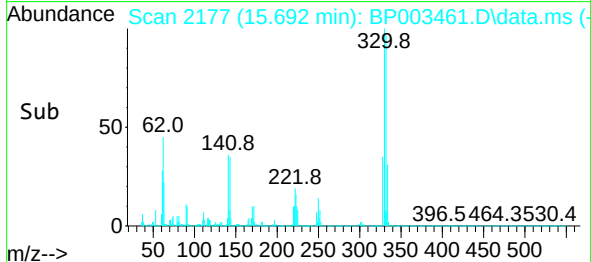
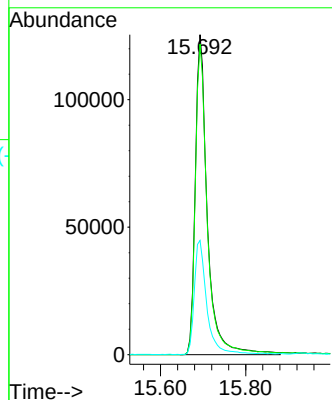
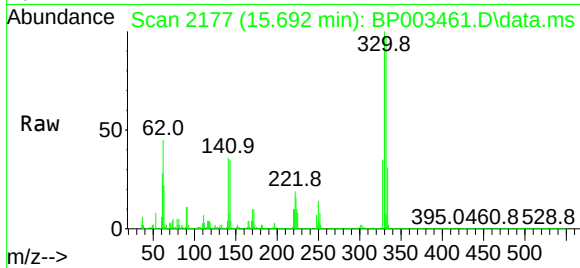




#42
2,4,6-Tribromophenol
Concen: 57.09 ng
RT: 15.692 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BP003461.D
Acq: 02 Oct 2020 15:49

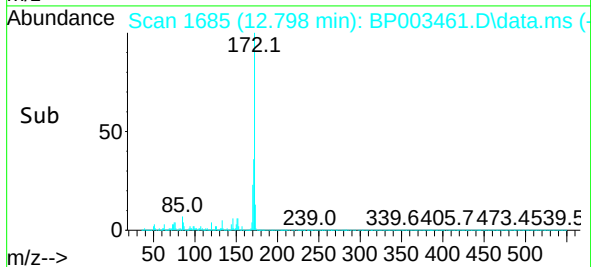
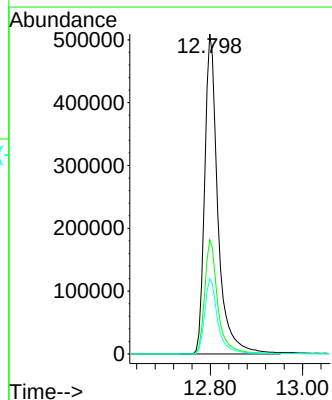
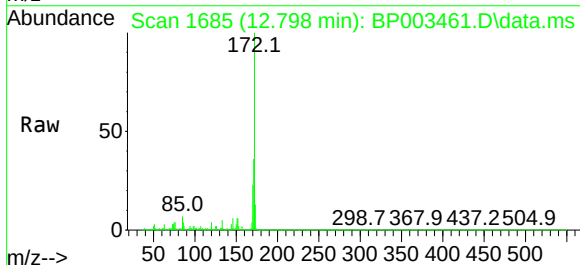
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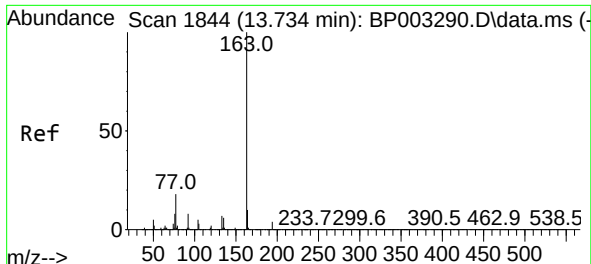
Tgt Ion:330 Resp: 247649
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 36.7 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 52.48 ng
RT: 12.798 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BP003461.D
Acq: 02 Oct 2020 15:49

Tgt Ion:172 Resp: 1020600
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.4 19.2 28.8

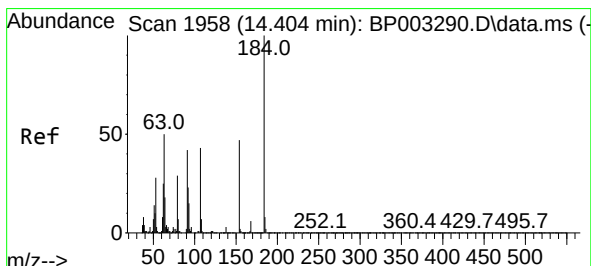
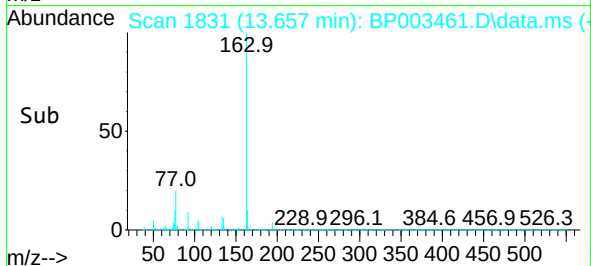
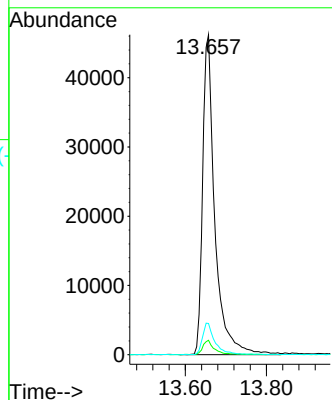
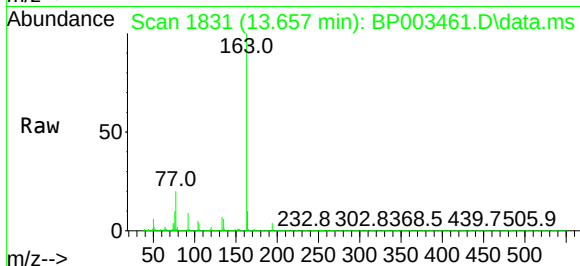




#50
Dimethylphthalate
Concen: 4.24 ng
RT: 13.657 min Scan# 1831
Delta R.T. 0.006 min
Lab File: BP003461.D
Acq: 02 Oct 2020 15:49

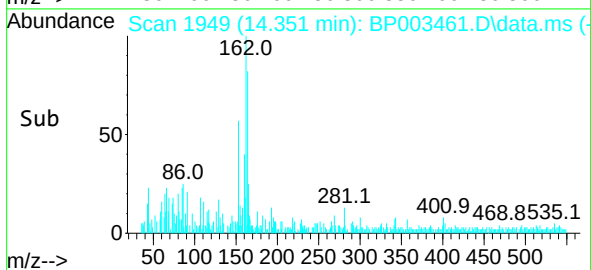
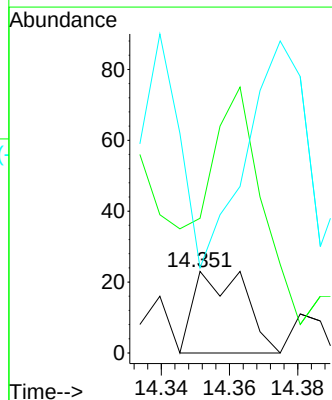
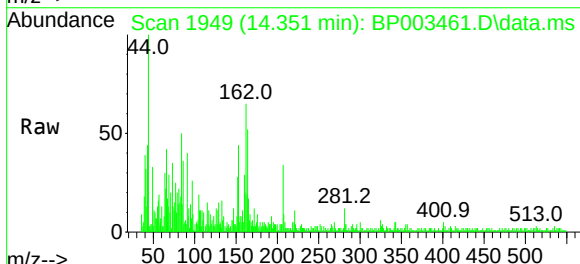
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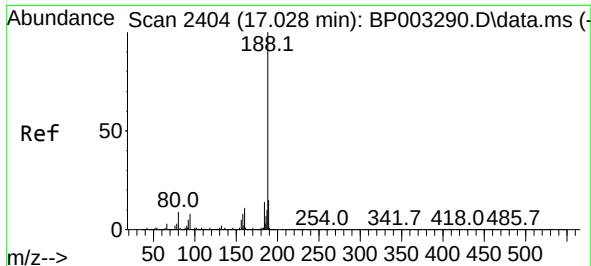
Tgt Ion:163 Resp: 96383
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 9.7 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.351 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP003461.D
Acq: 02 Oct 2020 15:49

Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 165.2 32.3 48.5#
154 104.3 49.1 73.7#

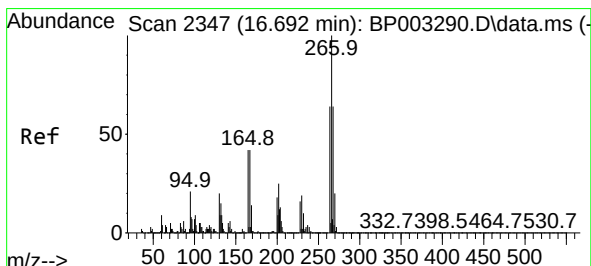
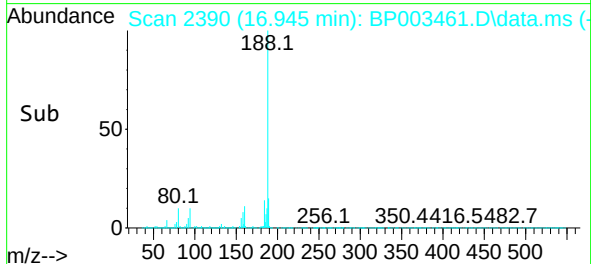
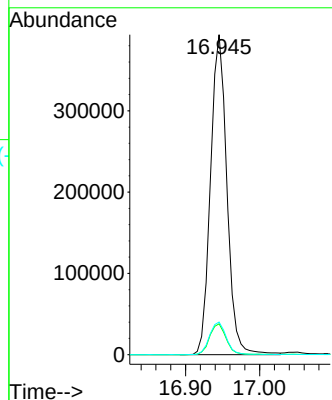
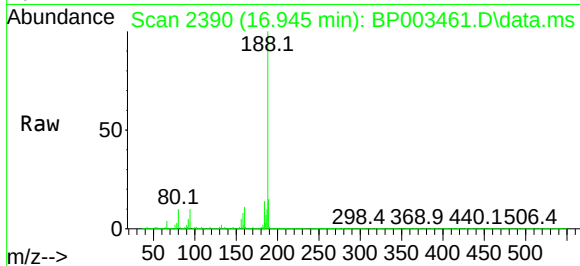




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.945 min Scan# 2390
Delta R.T. 0.006 min
Lab File: BP003461.D
Acq: 02 Oct 2020 15:49

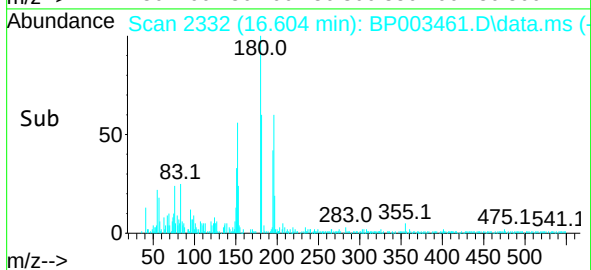
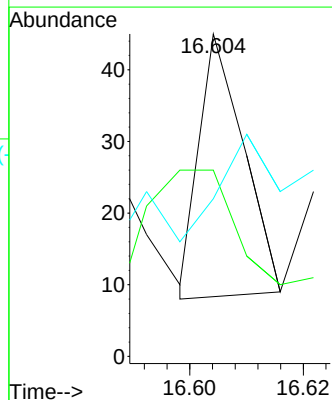
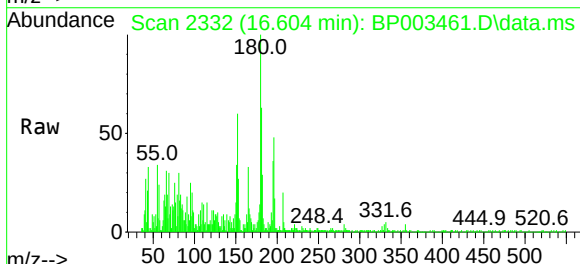
Instrument :
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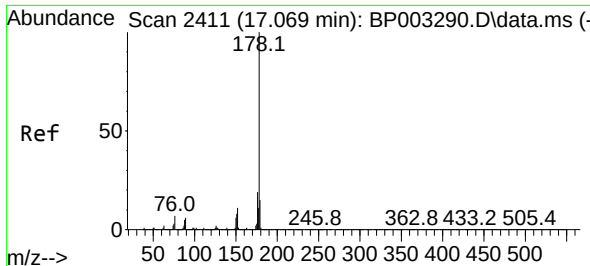
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Ion Ratio Lower Upper
188 100
94 9.6 6.2 9.2#
80 10.2 6.2 9.2#



#70
Pentachlorophenol
Concen: 6.77 ng
RT: 16.604 min Scan# 2332
Delta R.T. -0.018 min
Lab File: BP003461.D
Acq: 02 Oct 2020 15:49

Tgt Ion:266 Resp: 20
Ion Ratio Lower Upper
266 100
268 57.8 51.1 76.7
264 48.9 50.6 76.0#

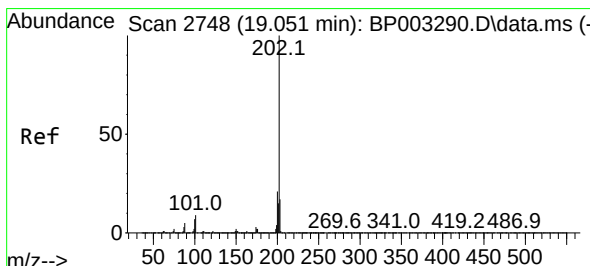
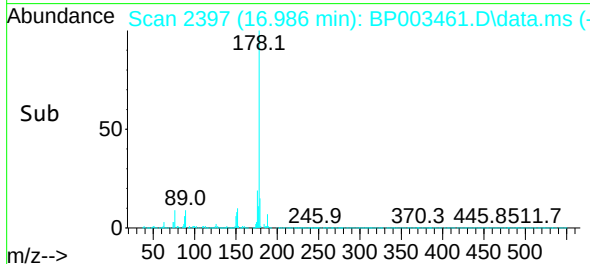
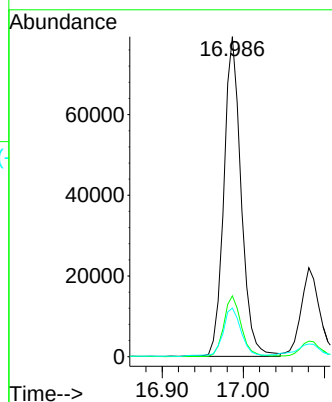
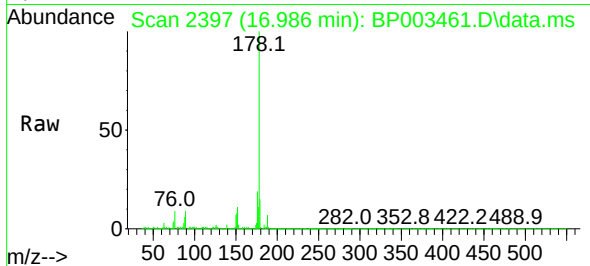




#71
Phenanthrene
Concen: 3.57 ng
RT: 16.986 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BP003461.D
Acq: 02 Oct 2020 15:49

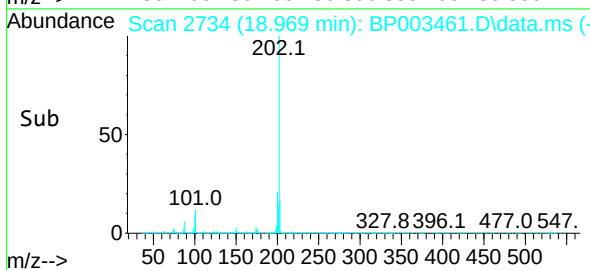
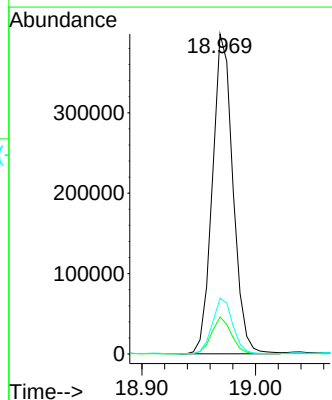
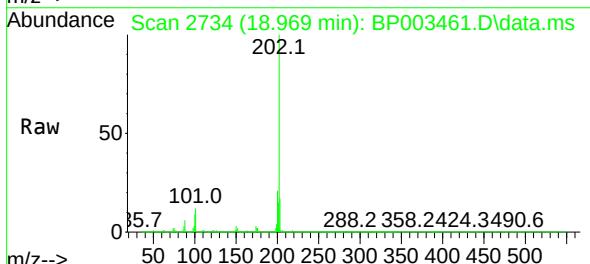
Instrument :
BNA_P
ClientSampleId :
RO-5

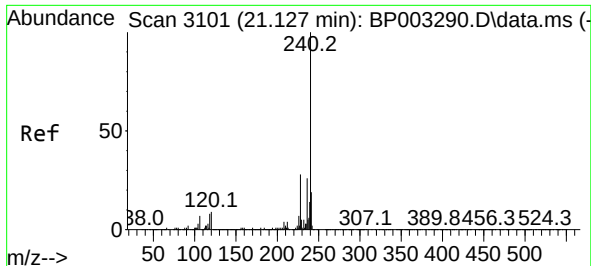
Tgt Ion:178 Resp: 117362
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.2 12.5 18.7



#75
Fluoranthene
Concen: 12.06 ng
RT: 18.969 min Scan# 2734
Delta R.T. -0.006 min
Lab File: BP003461.D
Acq: 02 Oct 2020 15:49

Tgt Ion:202 Resp: 498793
Ion Ratio Lower Upper
202 100
101 11.6 0.0 29.4
203 17.4 0.0 37.8

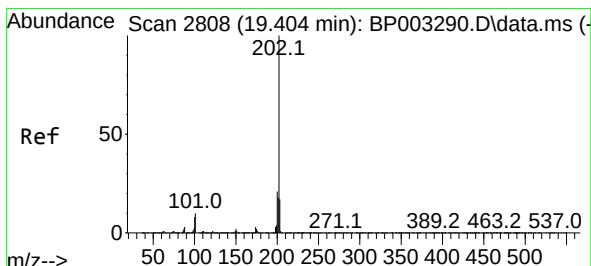
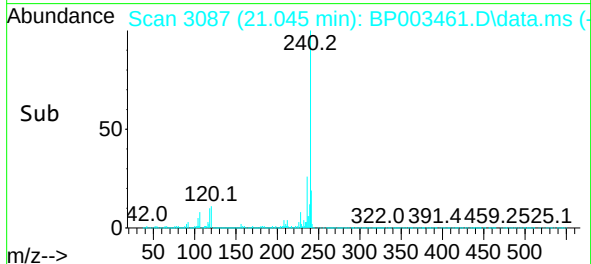
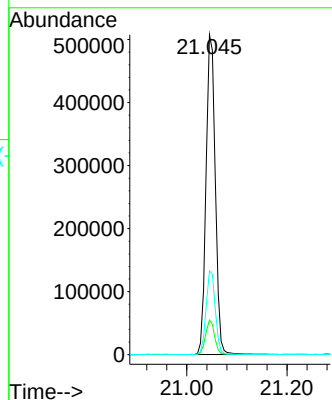
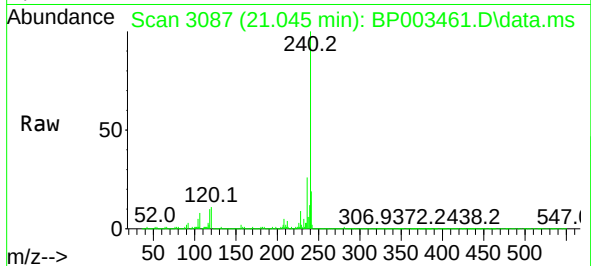




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.045 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP003461.D
Acq: 02 Oct 2020 15:49

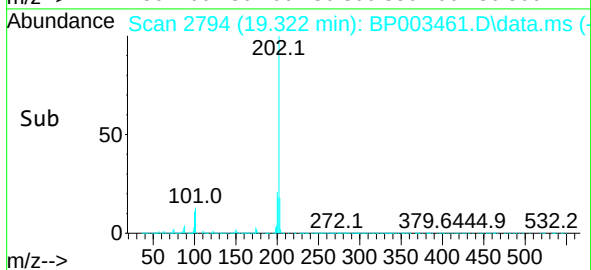
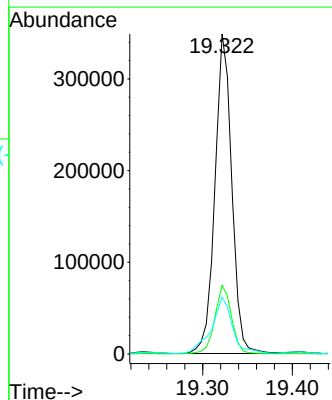
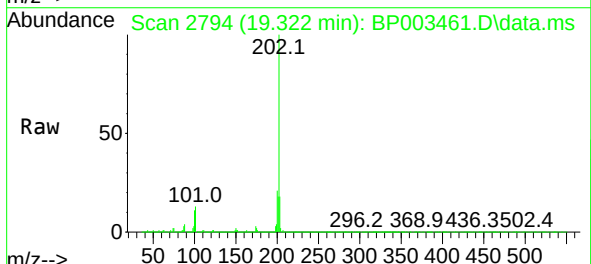
Instrument :
BNA_P
ClientSampled :
RO-5

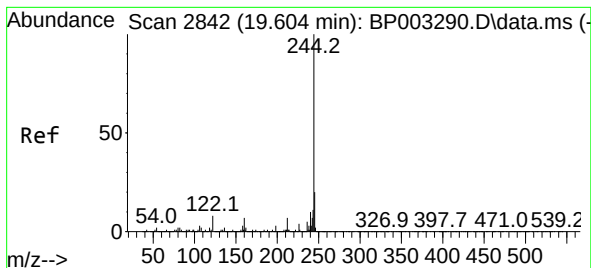
Tgt Ion:240 Resp: 653934
Ion Ratio Lower Upper
240 100
120 10.9 7.8 11.6
236 26.2 20.8 31.2



#78
Pyrene
Concen: 11.16 ng
RT: 19.322 min Scan# 2794
Delta R.T. -0.006 min
Lab File: BP003461.D
Acq: 02 Oct 2020 15:49

Tgt Ion:202 Resp: 455240
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 47.29 ng

RT: 19.528 min Scan# 2829

Delta R.T. 0.000 min

Lab File: BP003461.D

Acq: 02 Oct 2020 15:49

Instrument :

BNA_P

ClientSampleId :

RO-5

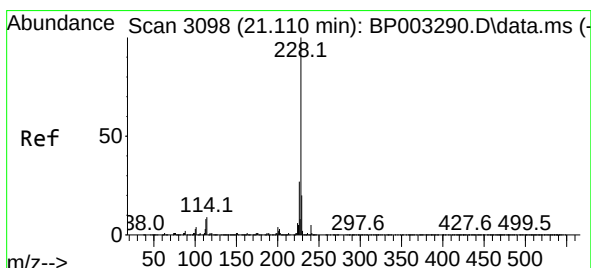
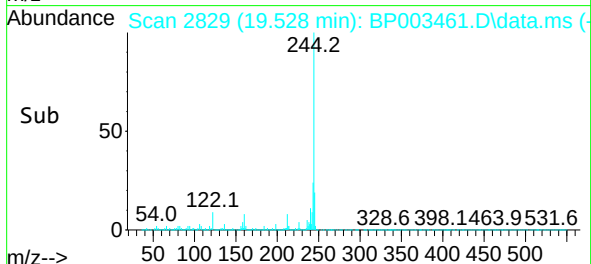
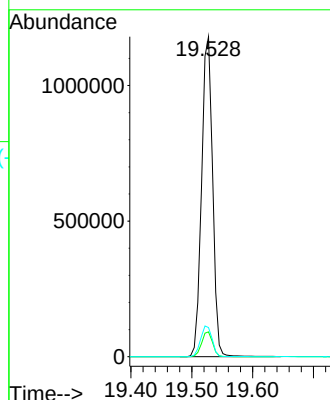
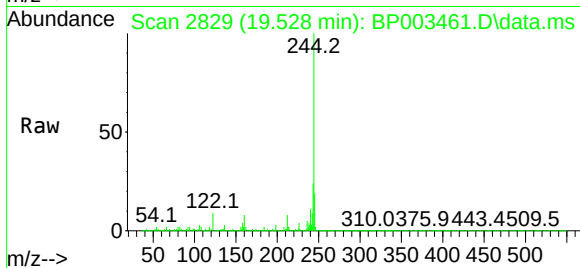
Tgt Ion:244 Resp: 1484120

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

122 9.1 7.8 11.8



#81

Benzo(a)anthracene

Concen: 4.09 ng

RT: 21.033 min Scan# 3085

Delta R.T. 0.000 min

Lab File: BP003461.D

Acq: 02 Oct 2020 15:49

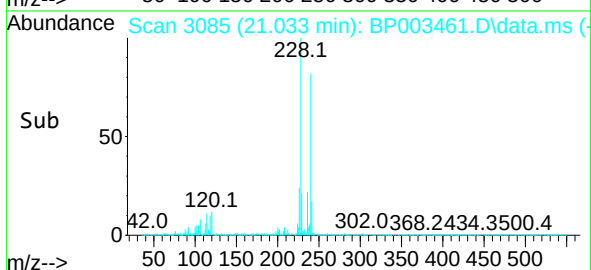
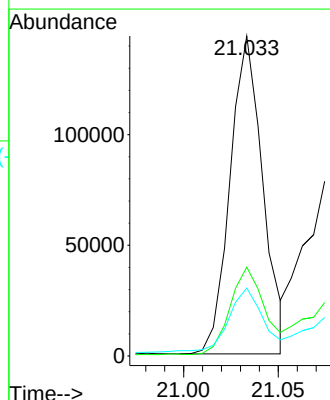
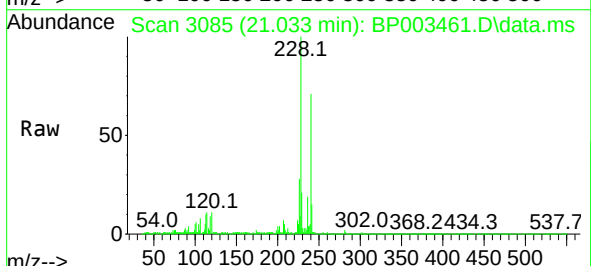
Tgt Ion:228 Resp: 172752

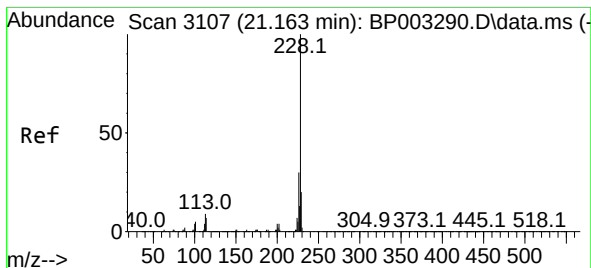
Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

229 21.2 15.9 23.9





#83

Chrysene

Concen: 5.20 ng

RT: 21.086 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BP003461.D

Acq: 02 Oct 2020 15:49

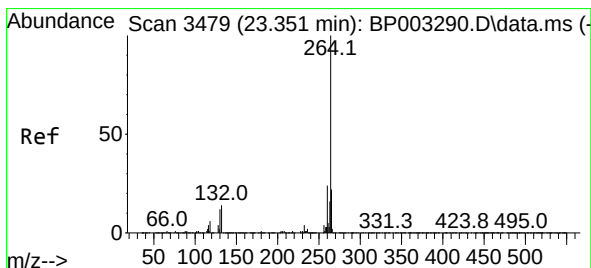
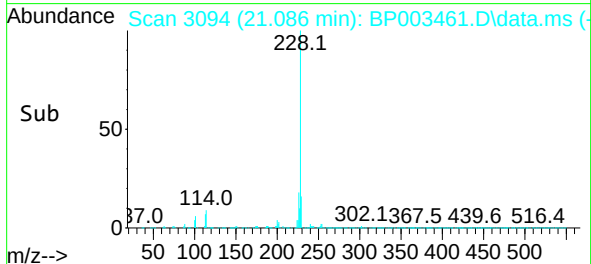
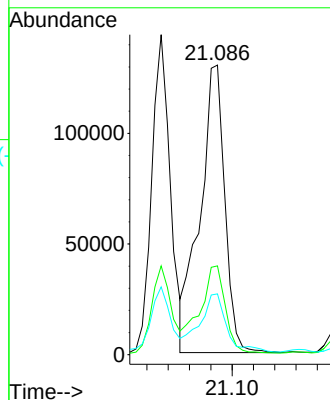
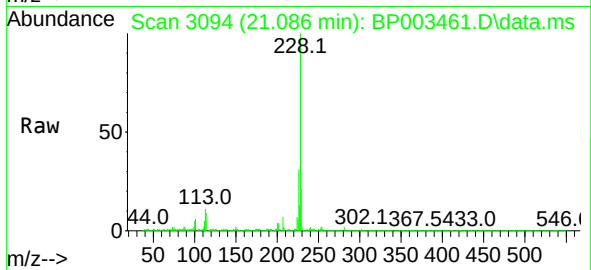
Tgt Ion:228 Resp: 211176

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 21.0 15.8 23.6



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.233 min Scan# 3459

Delta R.T. 0.000 min

Lab File: BP003461.D

Acq: 02 Oct 2020 15:49

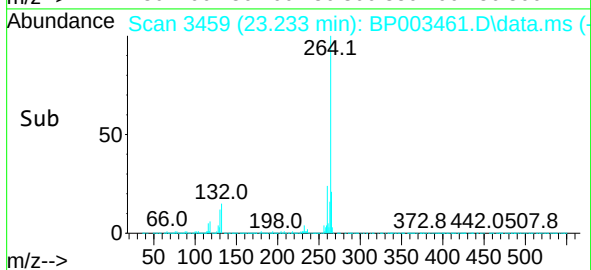
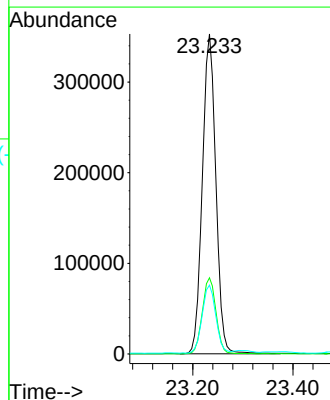
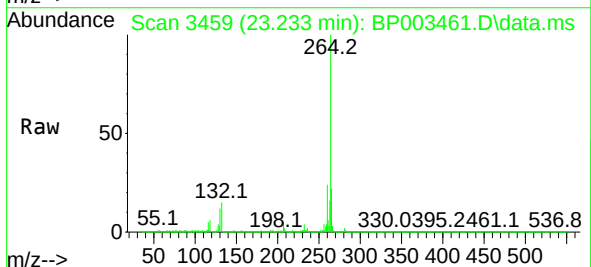
Tgt Ion:264 Resp: 659291

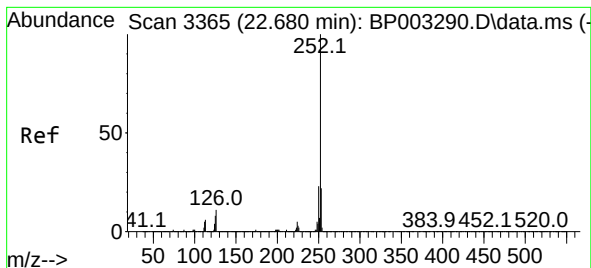
Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.5 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 5.17 ng

RT: 22.580 min Scan# 3348

Delta R.T. 0.000 min

Lab File: BP003461.D

Acq: 02 Oct 2020 15:49

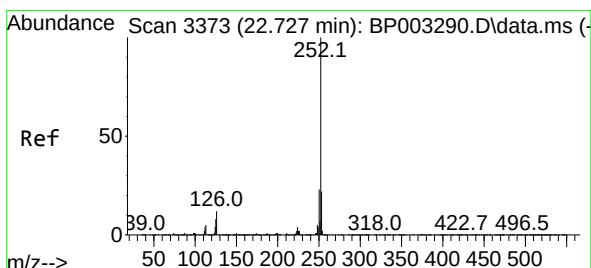
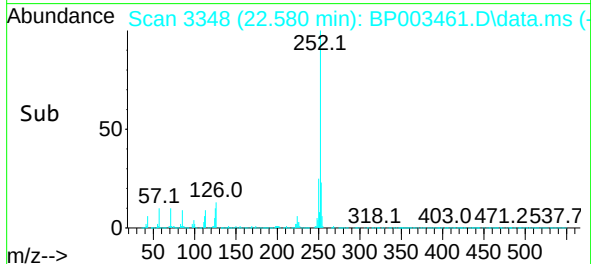
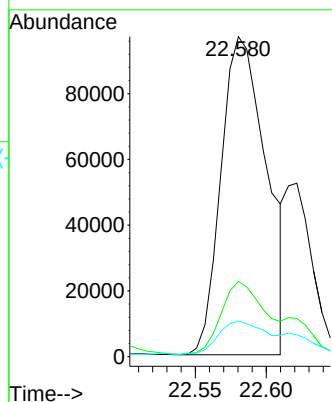
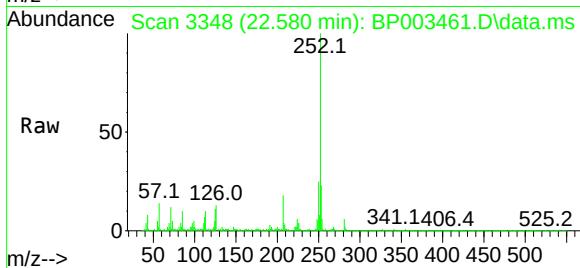
Instrument :

BNA_P

ClientSampled :

RO-5

Tgt Ion:252	Resp:	215151
Ion Ratio	Lower	Upper
252	100	
253	23.5	17.6 26.4
125	11.1	7.3 10.9#



#89

Benzo(k)fluoranthene

Concen: 5.39 ng

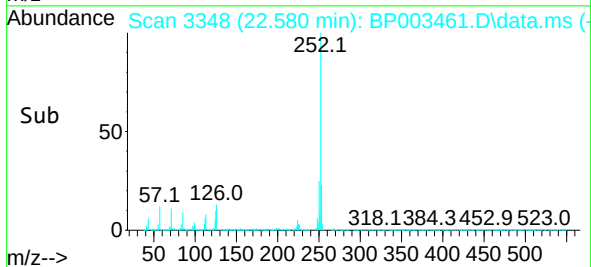
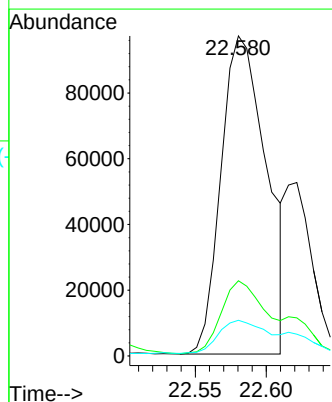
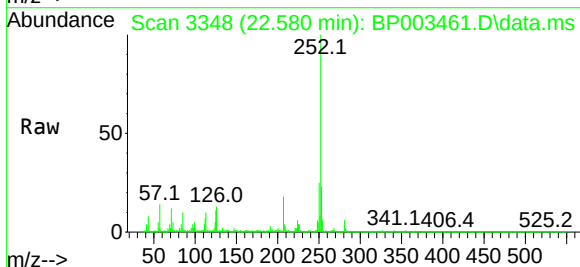
RT: 22.580 min Scan# 3348

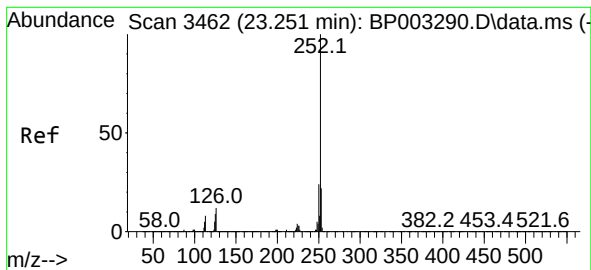
Delta R.T. -0.041 min

Lab File: BP003461.D

Acq: 02 Oct 2020 15:49

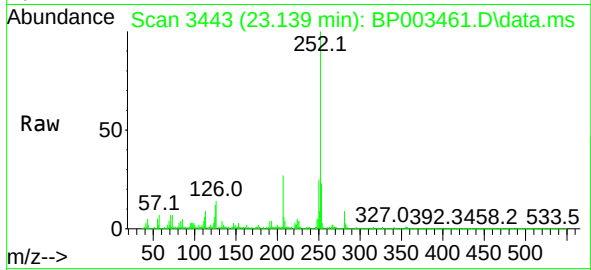
Tgt Ion:252	Resp:	215151
Ion Ratio	Lower	Upper
252	100	
253	23.5	17.8 26.8
125	11.1	7.4 11.2





#90
Benzo(a)pyrene
Concen: 3.00 ng
RT: 23.139 min Scan# 3443
Delta R.T. -0.006 min
Lab File: BP003461.D
Acq: 02 Oct 2020 15:49

Instrument :
BNA_P
ClientSampleId :
RO-5



Tgt Ion:252 Resp: 117918
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 11.5 8.2 12.4

