

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
 Data File : BP003462.D
 Acq On : 02 Oct 2020 16:23
 Operator : CG/JU
 Sample : L4198-28
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-19

Quant Time: Oct 02 17:40:58 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)

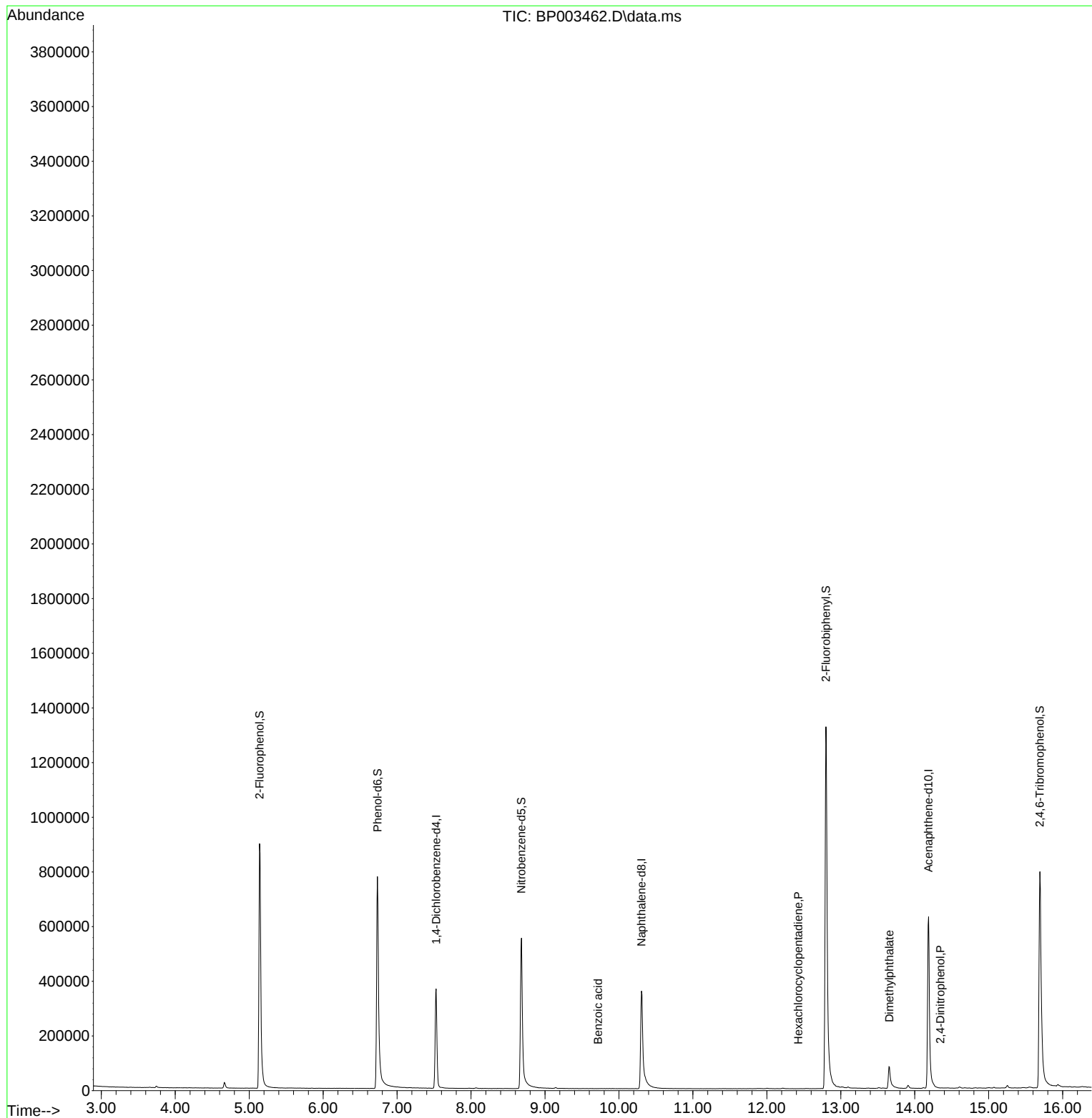
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	105715	20.00	ng	0.00
21) Naphthalene-d8	10.304	136	429982	20.00	ng	# 0.00
39) Acenaphthene-d10	14.187	164	258182	20.00	ng	0.00
64) Phenanthrene-d10	16.945	188	555115	20.00	ng	# 0.00
76) Chrysene-d12	21.051	240	618344	20.00	ng	0.00
86) Perylene-d12	23.233	264	637801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.140	112	492637	81.37	ng	0.00
7) Phenol-d6	6.734	99	622748	77.17	ng	0.00
23) Nitrobenzene-d5	8.681	82	433765	59.27	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	225583	57.29	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	945616	53.57	ng	0.00
79) Terphenyl-d14	19.527	244	1394547	46.99	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.716	122	18	9.16	ng	# 29
41) Hexachlorocyclopentadiene	12.428	237	7	6.84	ng	85
50) Dimethylphthalate	13.657	163	81921	3.97	ng	100
54) 2,4-Dinitrophenol	14.345	184	13	7.26	ng	# 1
70) Pentachlorophenol	16.622	266	4	6.77	ng	# 31
71) Phenanthrene	16.986	178	80052	2.65	ng	99
75) Fluoranthene	18.975	202	239922	6.32	ng	98
78) Pyrene	19.322	202	196277	5.09	ng	99
81) Benzo(a)anthracene	21.033	228	93256	2.33	ng	99
83) Chrysene	21.086	228	90239	2.35	ng	99
88) Benzo(b)fluoranthene	22.586	252	117810	2.93	ng	# 97
89) Benzo(k)fluoranthene	22.586	252	117810	3.05	ng	98

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

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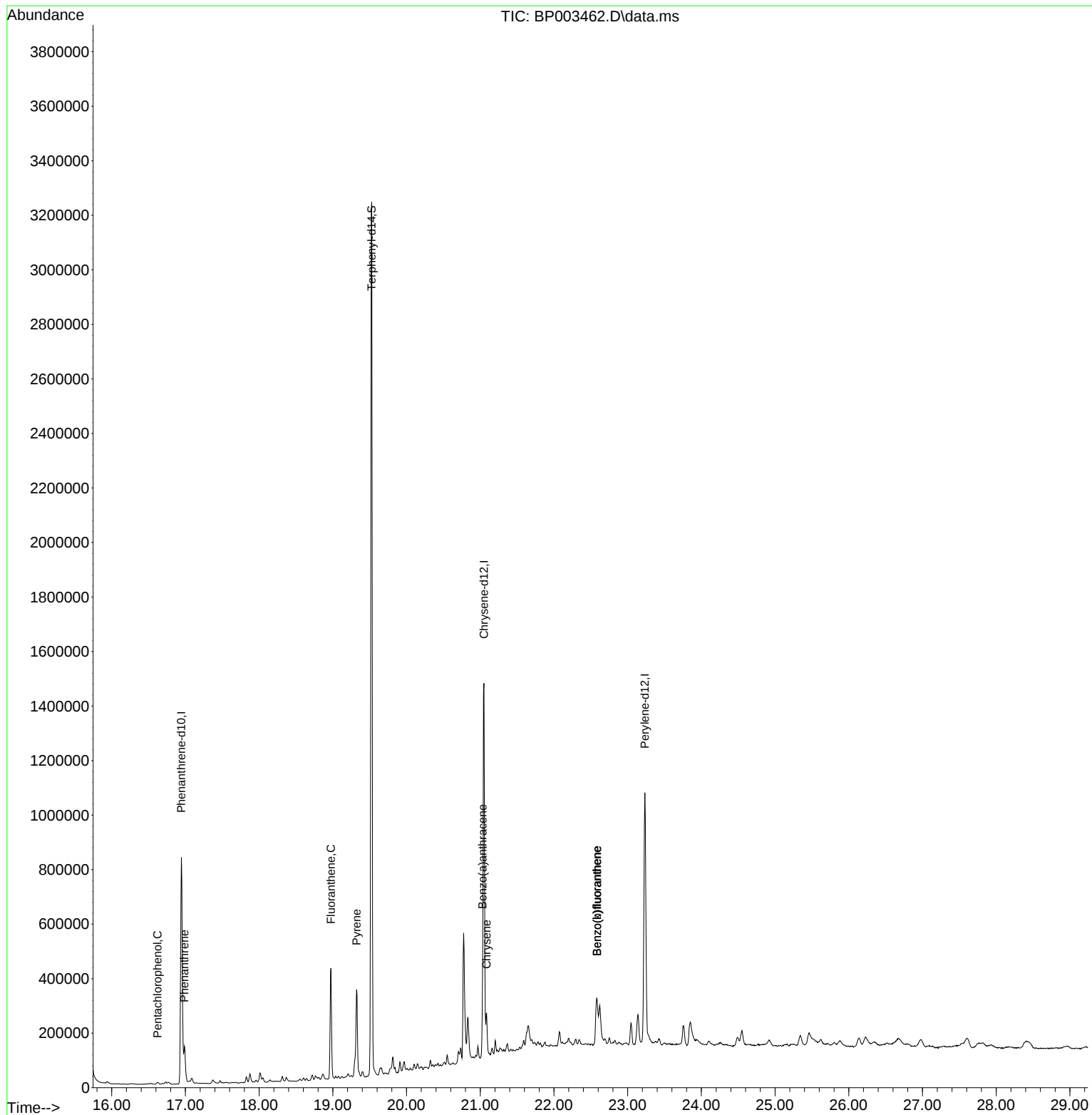
Quant Time: Oct 02 17:40:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 11:17:24 2020
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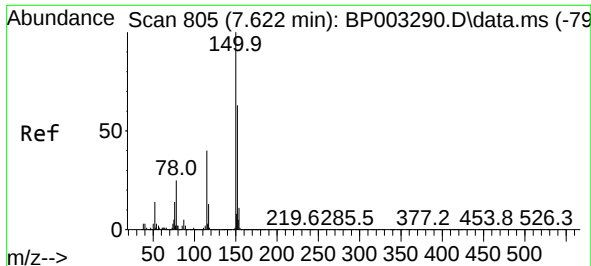


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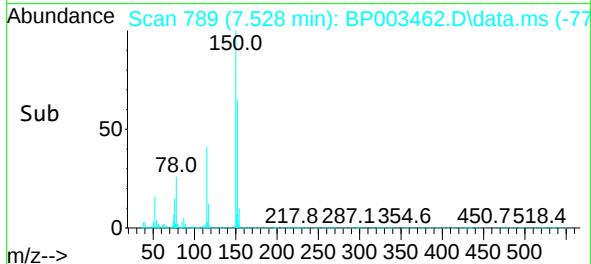
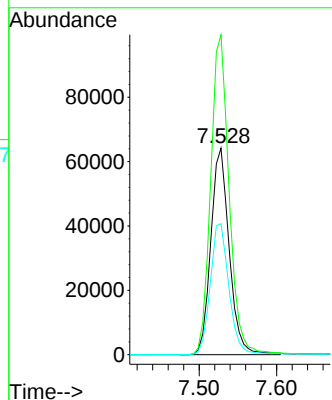
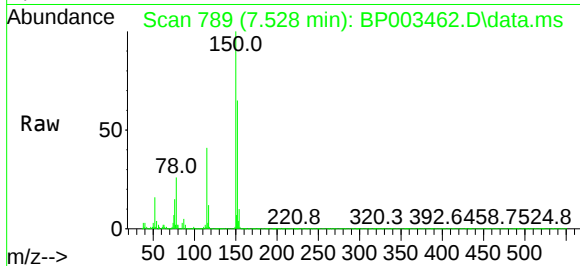




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.528 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP003462.D
Acq: 02 Oct 2020 16:23

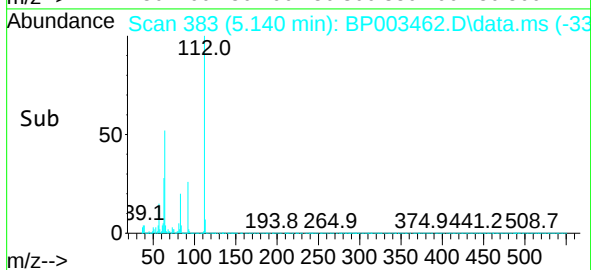
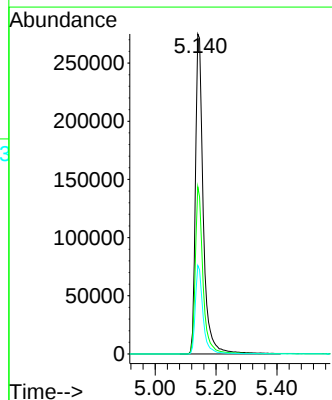
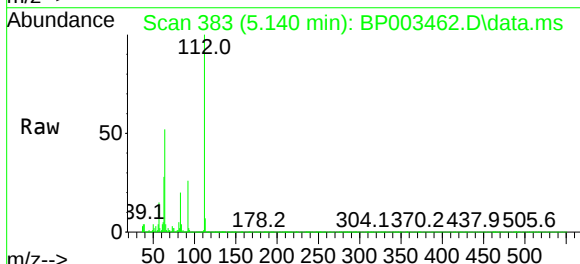
Instrument :
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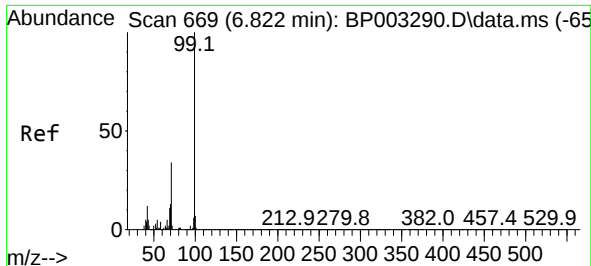
Tgt Ion:152 Resp: 105715
Ion Ratio Lower Upper
152 100
150 155.0 123.8 185.6
115 63.5 43.8 65.6



#5
2-Fluorophenol
Concen: 81.37 ng
RT: 5.140 min Scan# 383
Delta R.T. 0.000 min
Lab File: BP003462.D
Acq: 02 Oct 2020 16:23

Tgt Ion:112 Resp: 492637
Ion Ratio Lower Upper
112 100
64 52.2 32.8 49.2#
63 27.6 17.0 25.4#

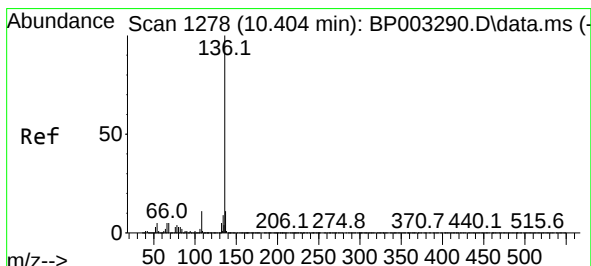
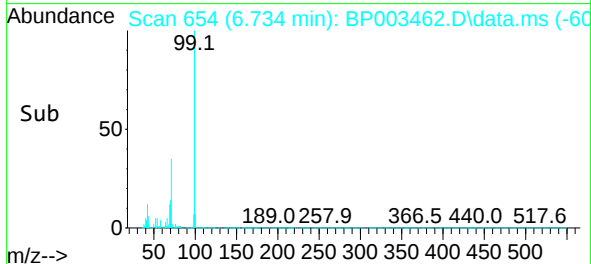
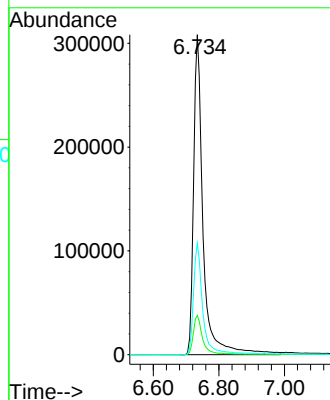
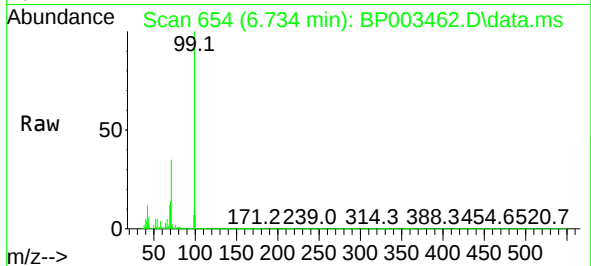




#7
Phenol-d6
Concen: 77.17 ng
RT: 6.734 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP003462.D
Acq: 02 Oct 2020 16:23

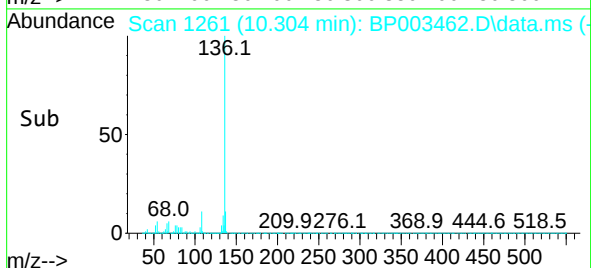
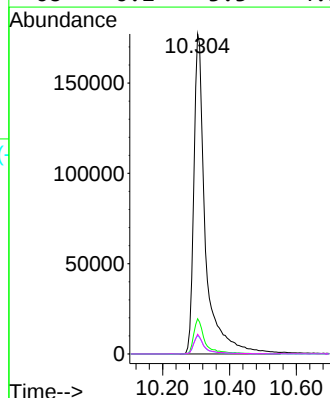
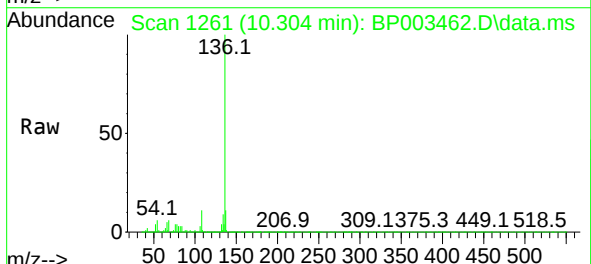
Instrument :
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ClientSampleId :
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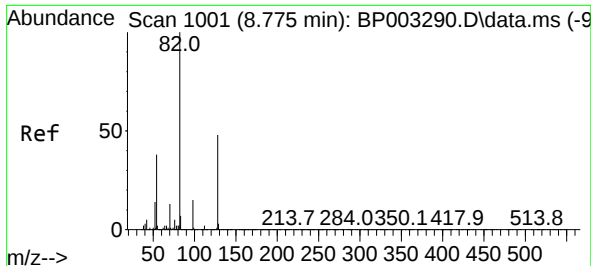
Tgt Ion: 99 Resp: 622748
Ion Ratio Lower Upper
99 100
42 12.2 8.6 13.0
71 34.9 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.304 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP003462.D
Acq: 02 Oct 2020 16:23

Tgt Ion: 136 Resp: 429982
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.1 3.6 5.4#
68 6.2 3.3 4.9#

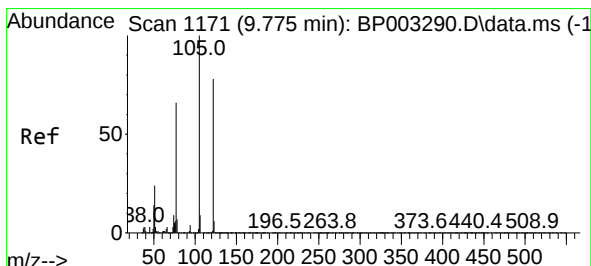
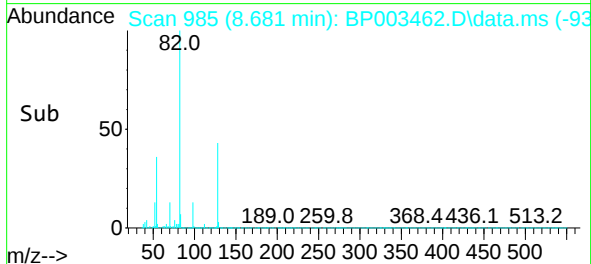
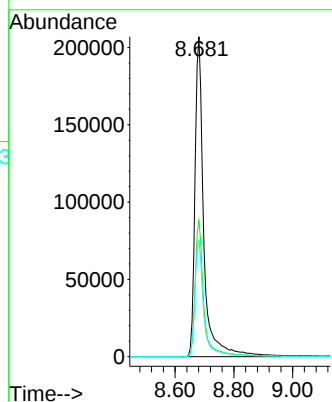
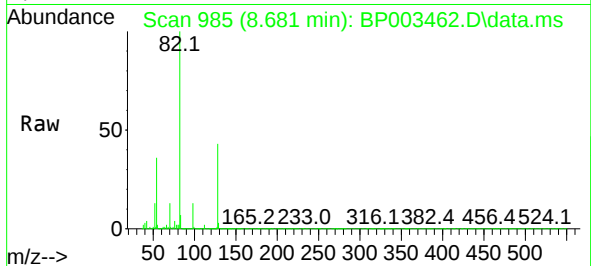




#23
Nitrobenzene-d5
Concen: 59.27 ng
RT: 8.681 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP003462.D
Acq: 02 Oct 2020 16:23

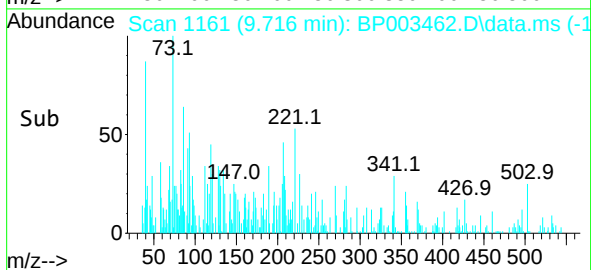
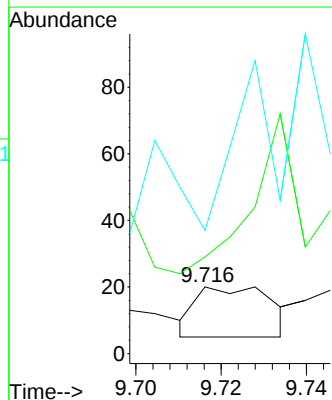
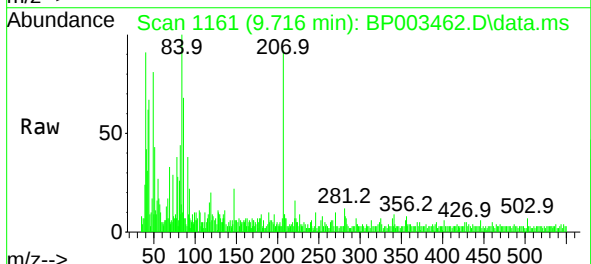
Instrument :
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ClientSampleId :
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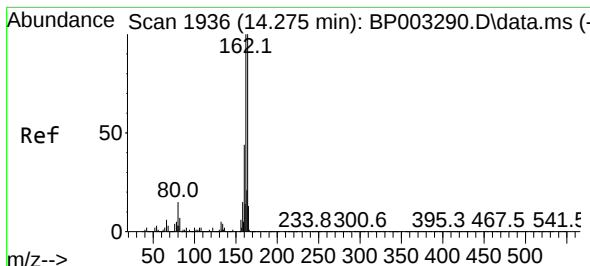
Tgt Ion: 82 Resp: 433765
Ion Ratio Lower Upper
82 100
128 42.5 45.6 68.4#
54 36.3 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.716 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BP003462.D
Acq: 02 Oct 2020 16:23

Tgt Ion: 122 Resp: 18
Ion Ratio Lower Upper
122 100
105 145.0 94.1 134.1#
77 185.0 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: BP003462.D

Acq: 02 Oct 2020 16:23

Instrument :

BNA_P

ClientSampled :

RO-19

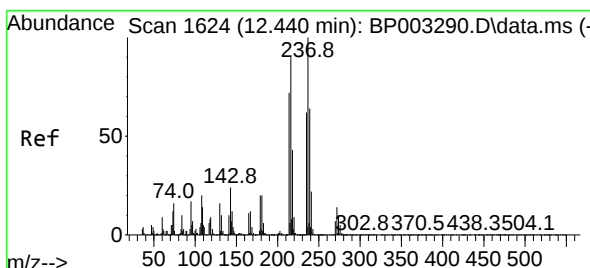
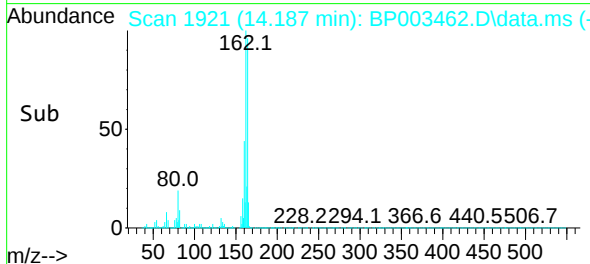
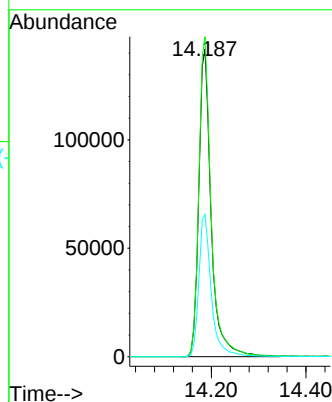
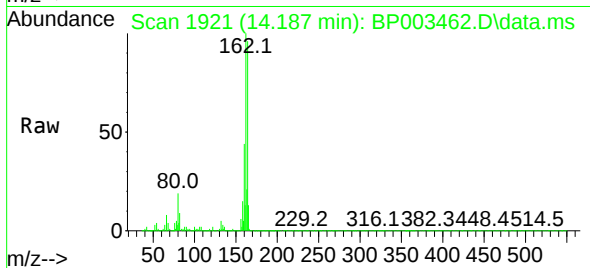
Tgt Ion:164 Resp: 258182

Ion Ratio Lower Upper

164 100

162 104.0 79.4 119.2

160 46.2 36.1 54.1



#41

Hexachlorocyclopentadiene

Concen: 6.84 ng

RT: 12.428 min Scan# 1622

Delta R.T. 0.088 min

Lab File: BP003462.D

Acq: 02 Oct 2020 16:23

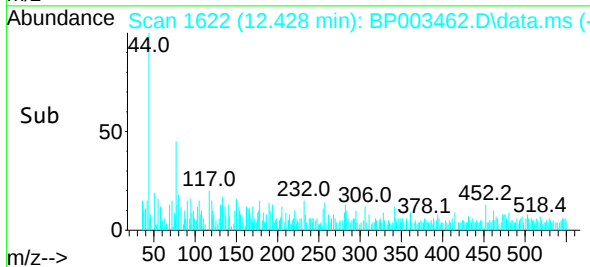
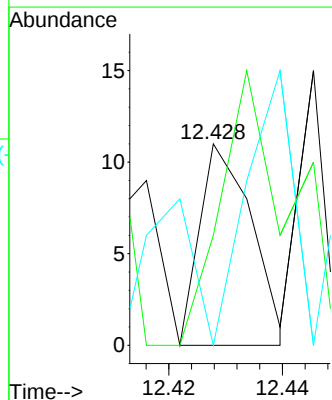
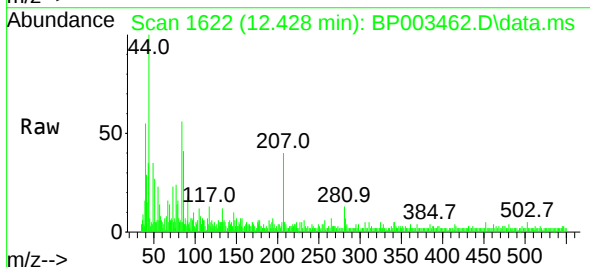
Tgt Ion:237 Resp: 7

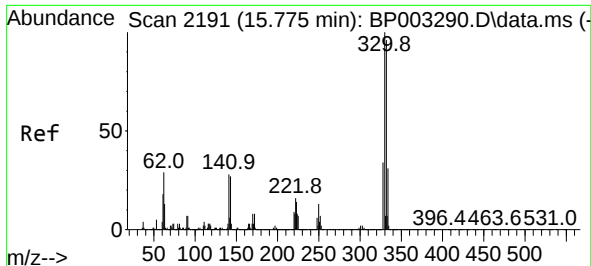
Ion Ratio Lower Upper

237 100

235 54.5 43.2 83.2

272 0.0 0.0 33.3

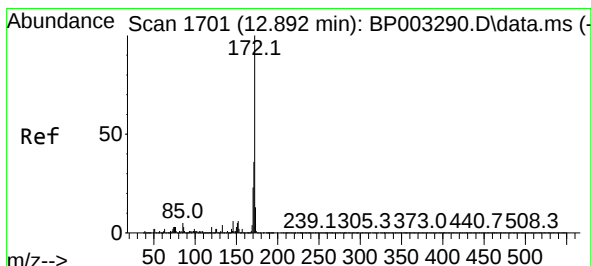
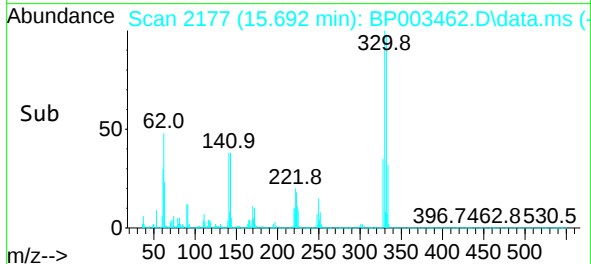
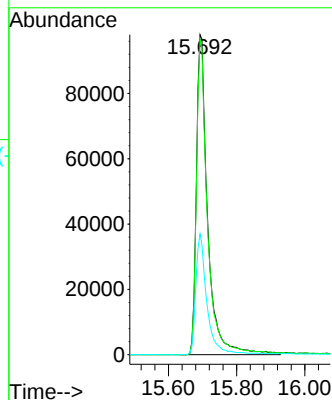
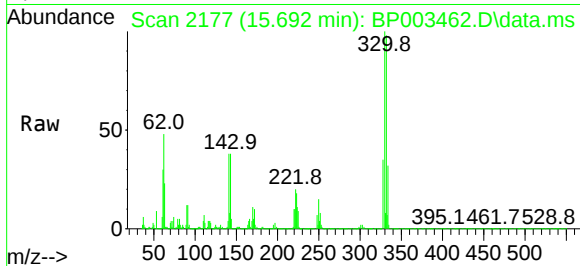




#42
2,4,6-Tribromophenol
Concen: 57.29 ng
RT: 15.692 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BP003462.D
Acq: 02 Oct 2020 16:23

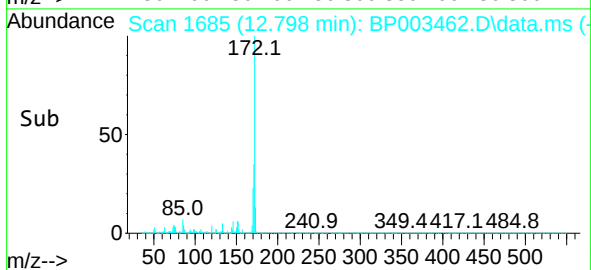
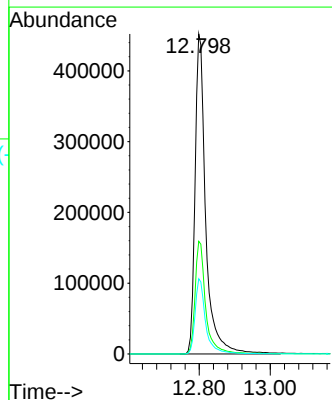
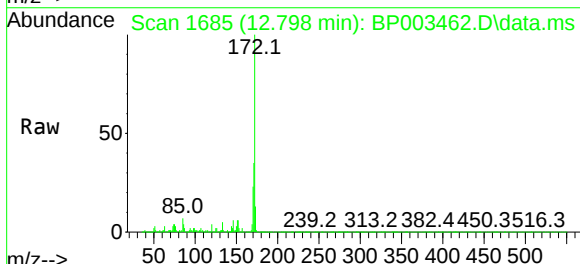
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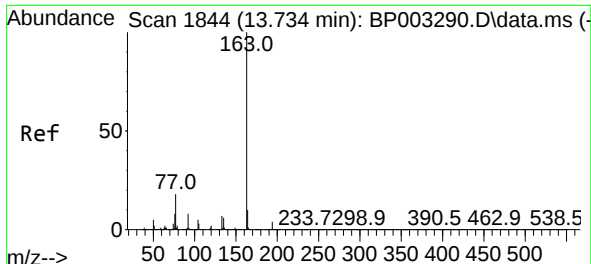
Tgt Ion:330 Resp: 225583
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 36.9 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 53.57 ng
RT: 12.798 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BP003462.D
Acq: 02 Oct 2020 16:23

Tgt Ion:172 Resp: 945616
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.5 19.2 28.8

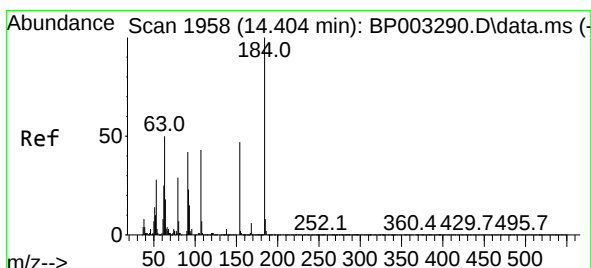
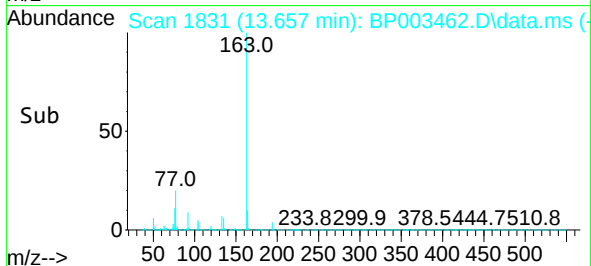
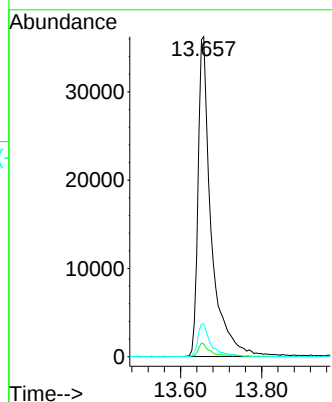
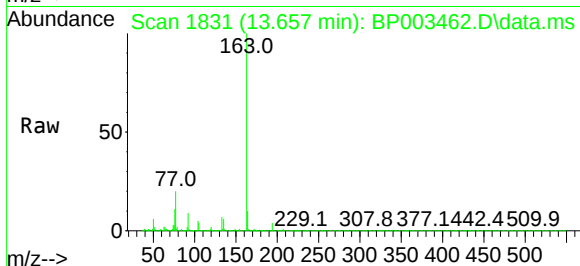




#50
Dimethylphthalate
Concen: 3.97 ng
RT: 13.657 min Scan# 1831
Delta R.T. 0.006 min
Lab File: BP003462.D
Acq: 02 Oct 2020 16:23

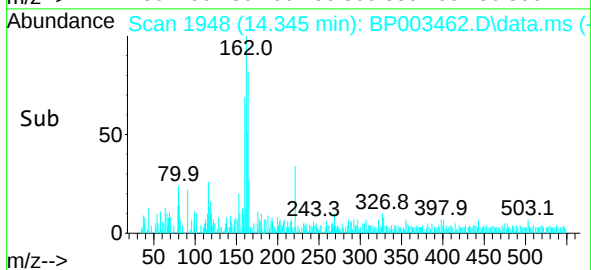
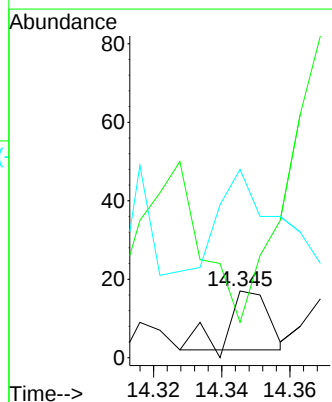
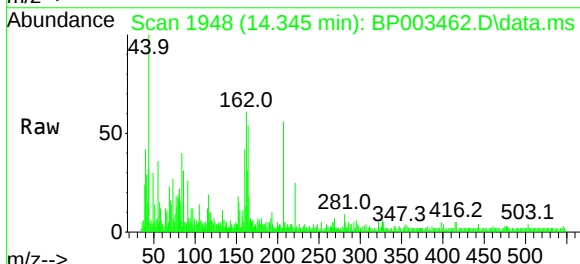
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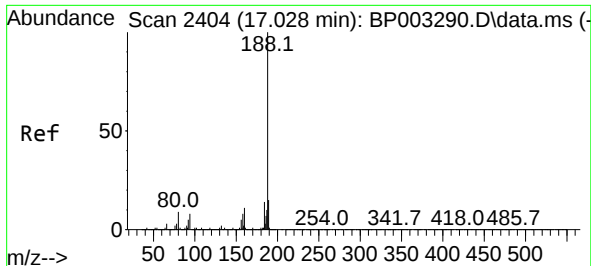
Tgt Ion:163	Resp:	81921
Ion Ratio	Lower	Upper
163	100	
194	4.0	3.3 4.9
164	10.3	8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.345 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP003462.D
Acq: 02 Oct 2020 16:23

Tgt Ion:184	Resp:	13
Ion Ratio	Lower	Upper
184	100	
63	52.9	32.3 48.5#
154	282.4	49.1 73.7#

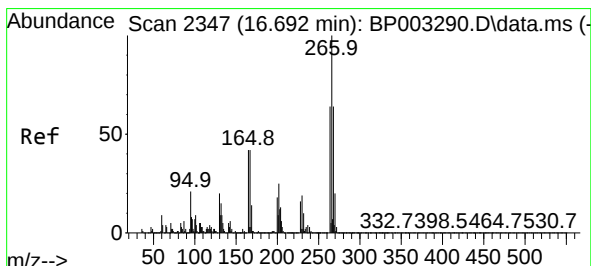
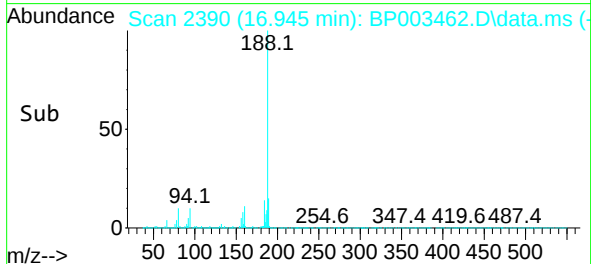
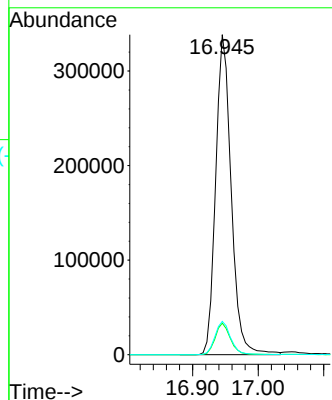
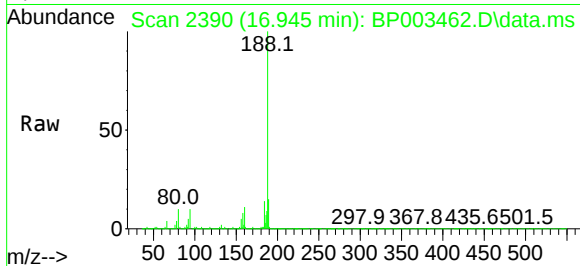




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.945 min Scan# 2390
Delta R.T. 0.006 min
Lab File: BP003462.D
Acq: 02 Oct 2020 16:23

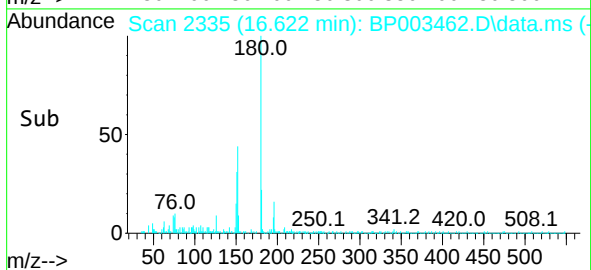
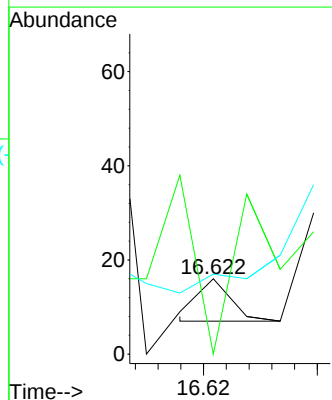
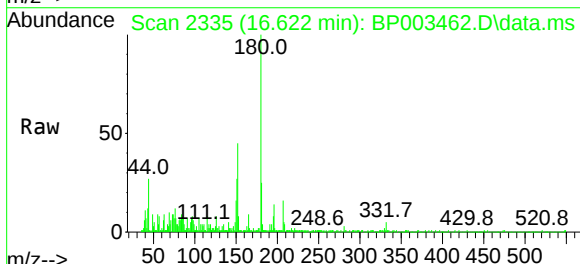
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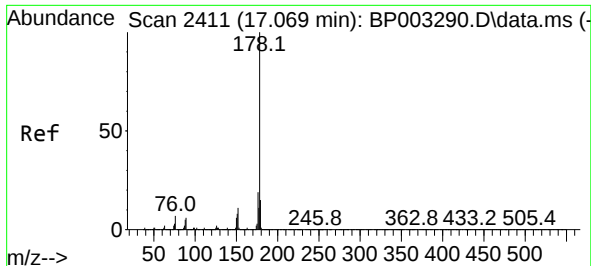
Tgt Ion:188 Resp: 555115
Ion Ratio Lower Upper
188 100
94 9.9 6.2 9.2#
80 10.4 6.2 9.2#



#70
Pentachlorophenol
Concen: 6.77 ng
RT: 16.622 min Scan# 2335
Delta R.T. 0.000 min
Lab File: BP003462.D
Acq: 02 Oct 2020 16:23

Tgt Ion:266 Resp: 4
Ion Ratio Lower Upper
266 100
268 0.0 51.1 76.7#
264 106.3 50.6 76.0#

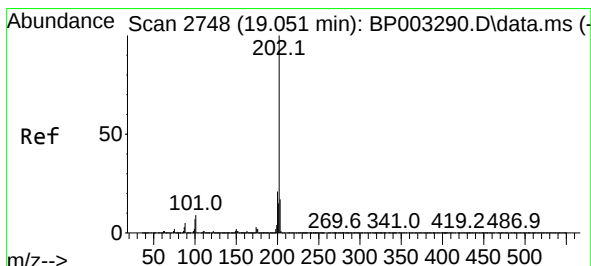
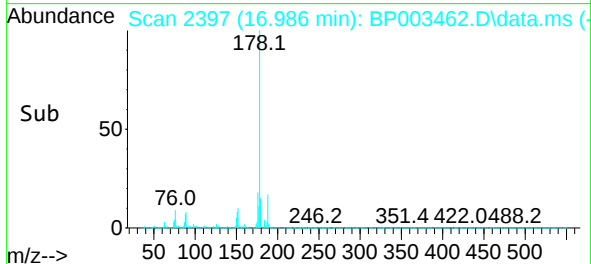
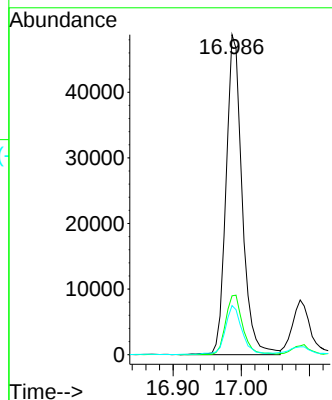
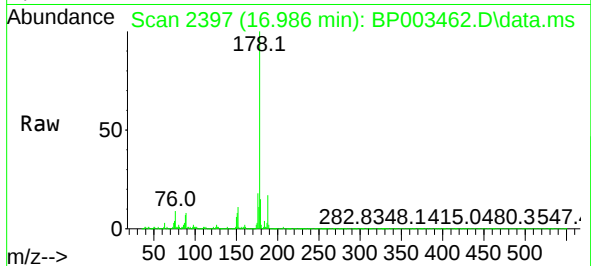




#71
Phenanthrene
Concen: 2.65 ng
RT: 16.986 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BP003462.D
Acq: 02 Oct 2020 16:23

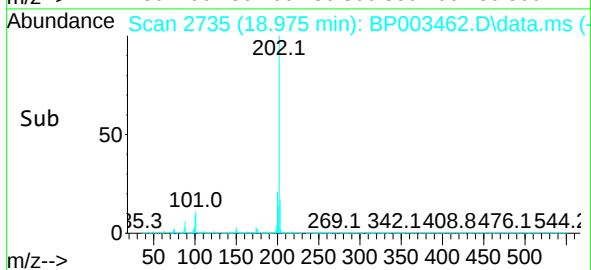
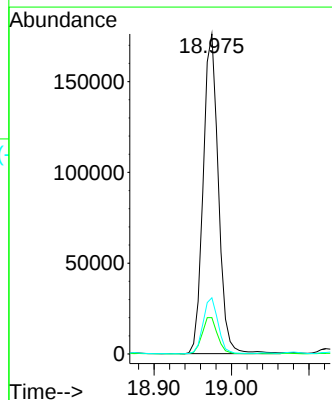
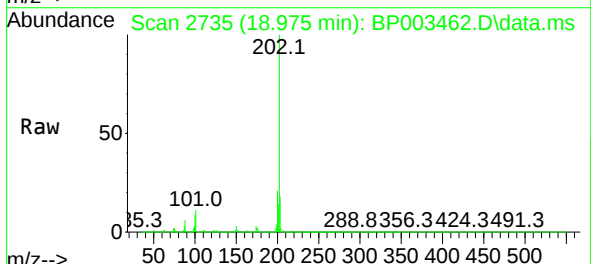
Instrument :
BNA_P
ClientSampleId :
RO-19

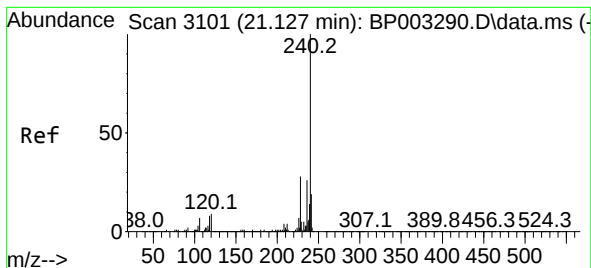
Tgt Ion:178 Resp: 80052
Ion Ratio Lower Upper
178 100
176 18.4 15.3 22.9
179 15.3 12.5 18.7



#75
Fluoranthene
Concen: 6.32 ng
RT: 18.975 min Scan# 2735
Delta R.T. 0.000 min
Lab File: BP003462.D
Acq: 02 Oct 2020 16:23

Tgt Ion:202 Resp: 239922
Ion Ratio Lower Upper
202 100
101 11.4 0.0 29.4
203 17.5 0.0 37.8

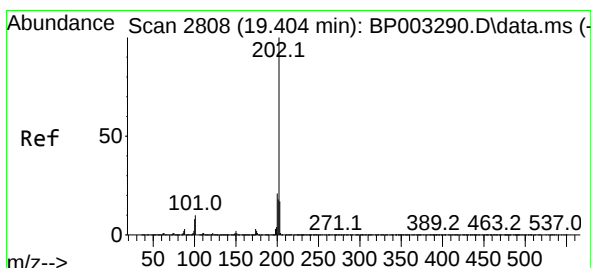
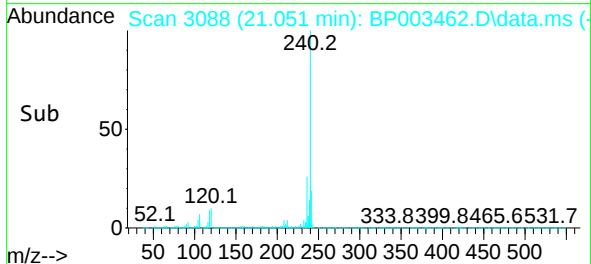
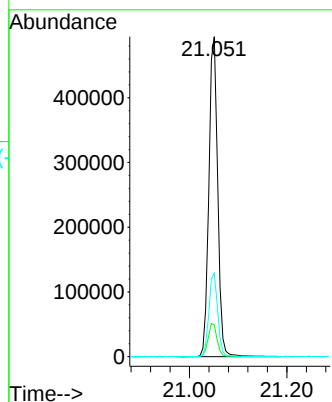
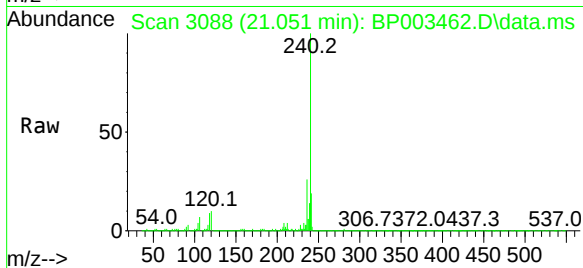




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.051 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BP003462.D
Acq: 02 Oct 2020 16:23

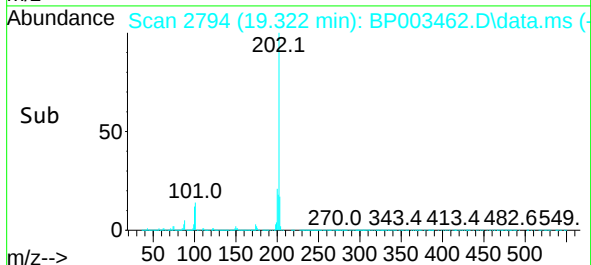
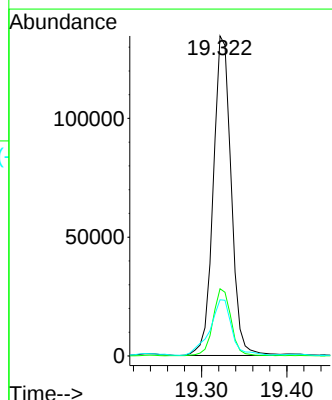
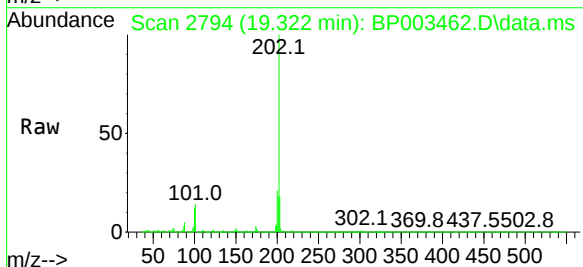
Instrument :
BNA_P
ClientSampleId :
RO-19

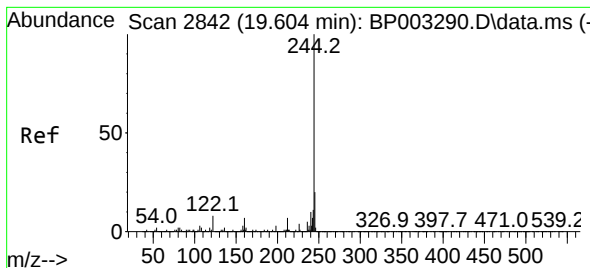
Tgt Ion:240 Resp: 618344
Ion Ratio Lower Upper
240 100
120 9.9 7.8 11.6
236 26.1 20.8 31.2



#78
Pyrene
Concen: 5.09 ng
RT: 19.322 min Scan# 2794
Delta R.T. -0.006 min
Lab File: BP003462.D
Acq: 02 Oct 2020 16:23

Tgt Ion:202 Resp: 196277
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 46.99 ng

RT: 19.527 min Scan# 2829

Delta R.T. 0.000 min

Lab File: BP003462.D

Acq: 02 Oct 2020 16:23

Instrument :

BNA_P

ClientSampleId :

RO-19

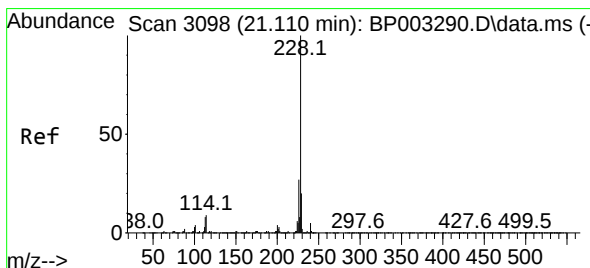
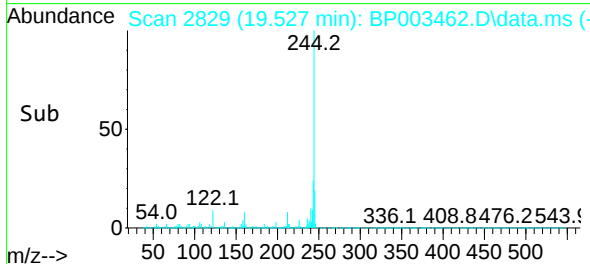
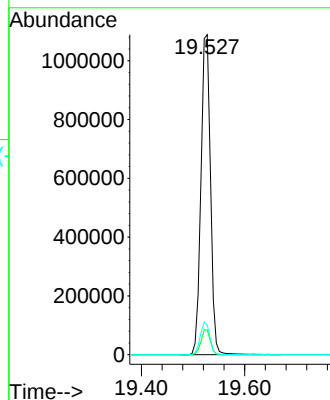
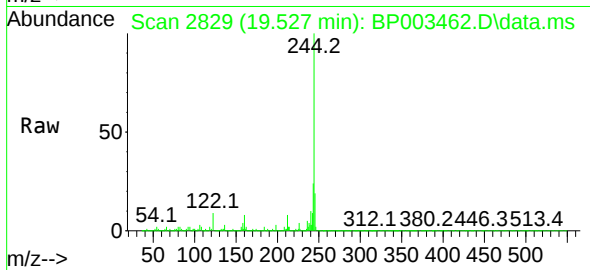
Tgt Ion:244 Resp: 1394547

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

122 9.3 7.8 11.8



#81

Benzo(a)anthracene

Concen: 2.33 ng

RT: 21.033 min Scan# 3085

Delta R.T. 0.000 min

Lab File: BP003462.D

Acq: 02 Oct 2020 16:23

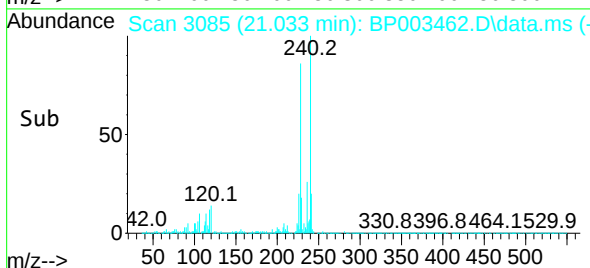
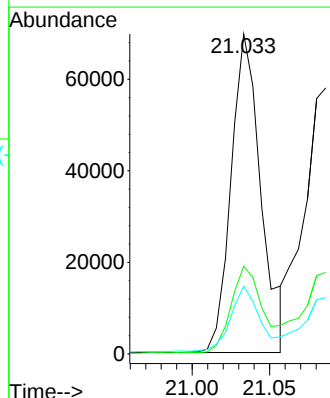
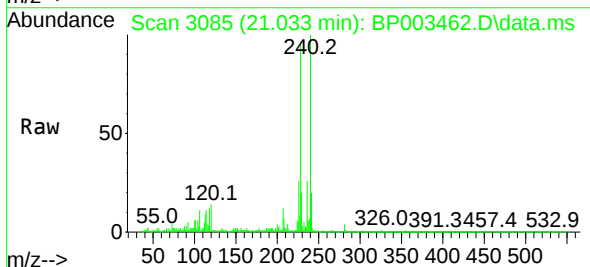
Tgt Ion:228 Resp: 93256

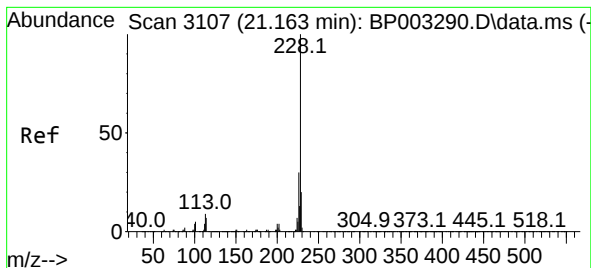
Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 21.2 15.9 23.9





#83

Chrysene

Concen: 2.35 ng

RT: 21.086 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BP003462.D

Acq: 02 Oct 2020 16:23

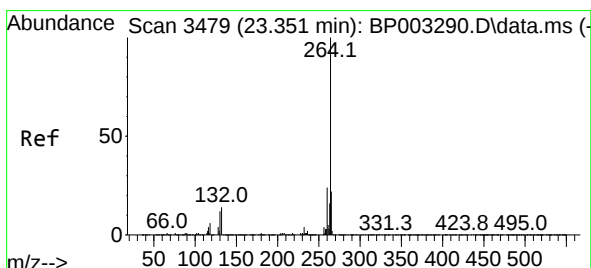
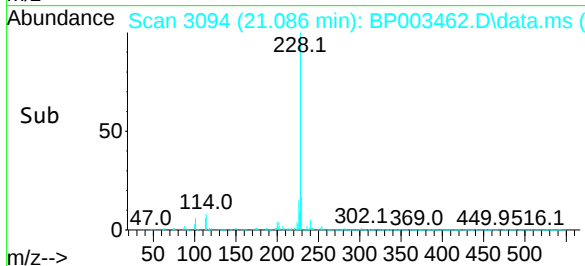
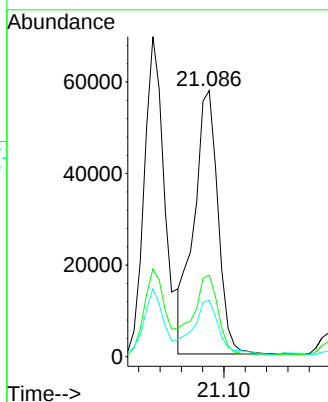
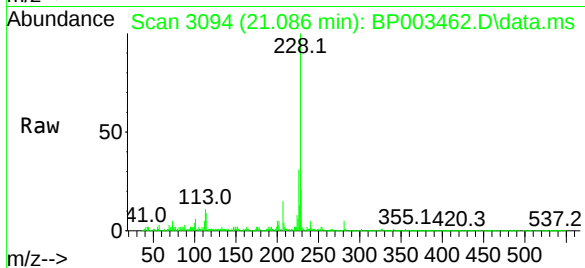
Tgt Ion:228 Resp: 90239

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 21.2 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: BP003462.D

Acq: 02 Oct 2020 16:23

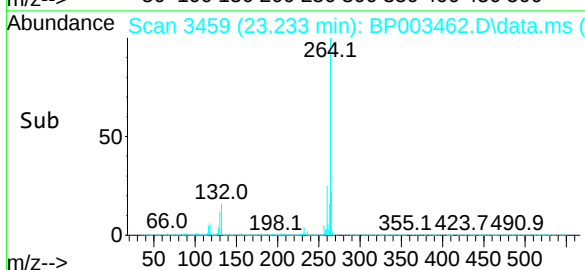
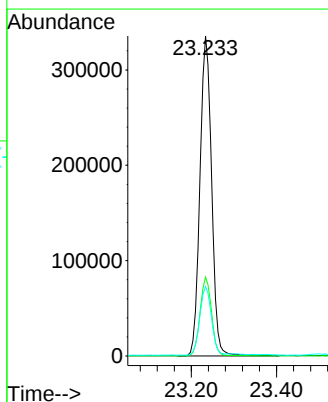
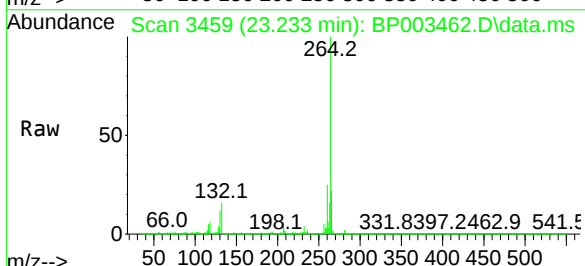
Tgt Ion:264 Resp: 637801

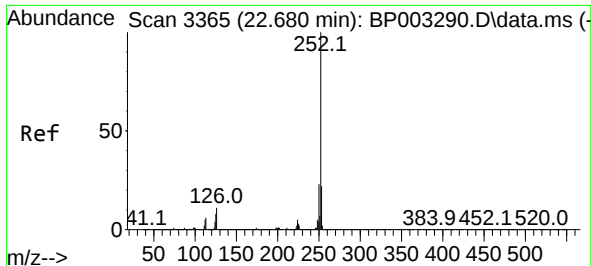
Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 21.7 17.4 26.2

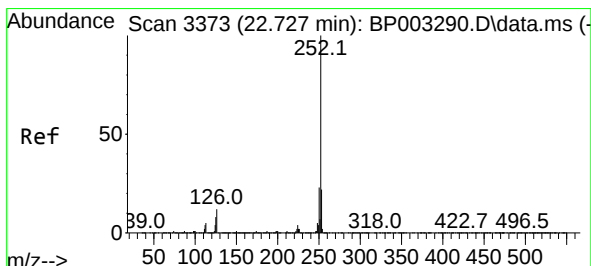
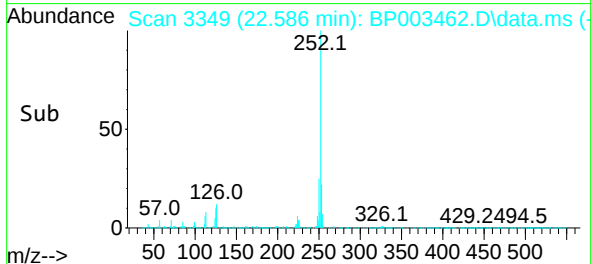
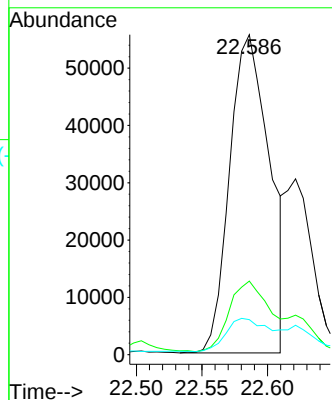
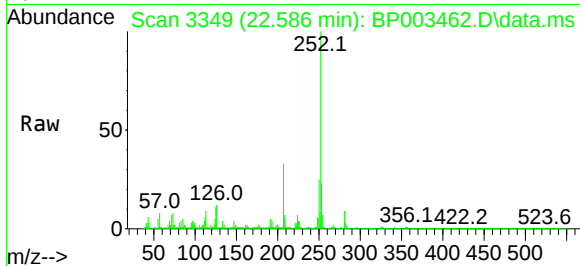




#88
Benzo(b)fluoranthene
Concen: 2.93 ng
RT: 22.586 min Scan# 3349
Delta R.T. 0.006 min
Lab File: BP003462.D
Acq: 02 Oct 2020 16:23

Instrument :
BNA_P
ClientSampled :
RO-19

Tgt Ion:252 Resp: 117810
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 11.0 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 3.05 ng
RT: 22.586 min Scan# 3349
Delta R.T. -0.035 min
Lab File: BP003462.D
Acq: 02 Oct 2020 16:23

Tgt Ion:252 Resp: 117810
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 11.0 7.4 11.2

