

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
 Data File : BP003464.D
 Acq On : 02 Oct 2020 17:31
 Operator : CG/JU
 Sample : L4195-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR-200010

Quant Time: Oct 02 18:51:44 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)

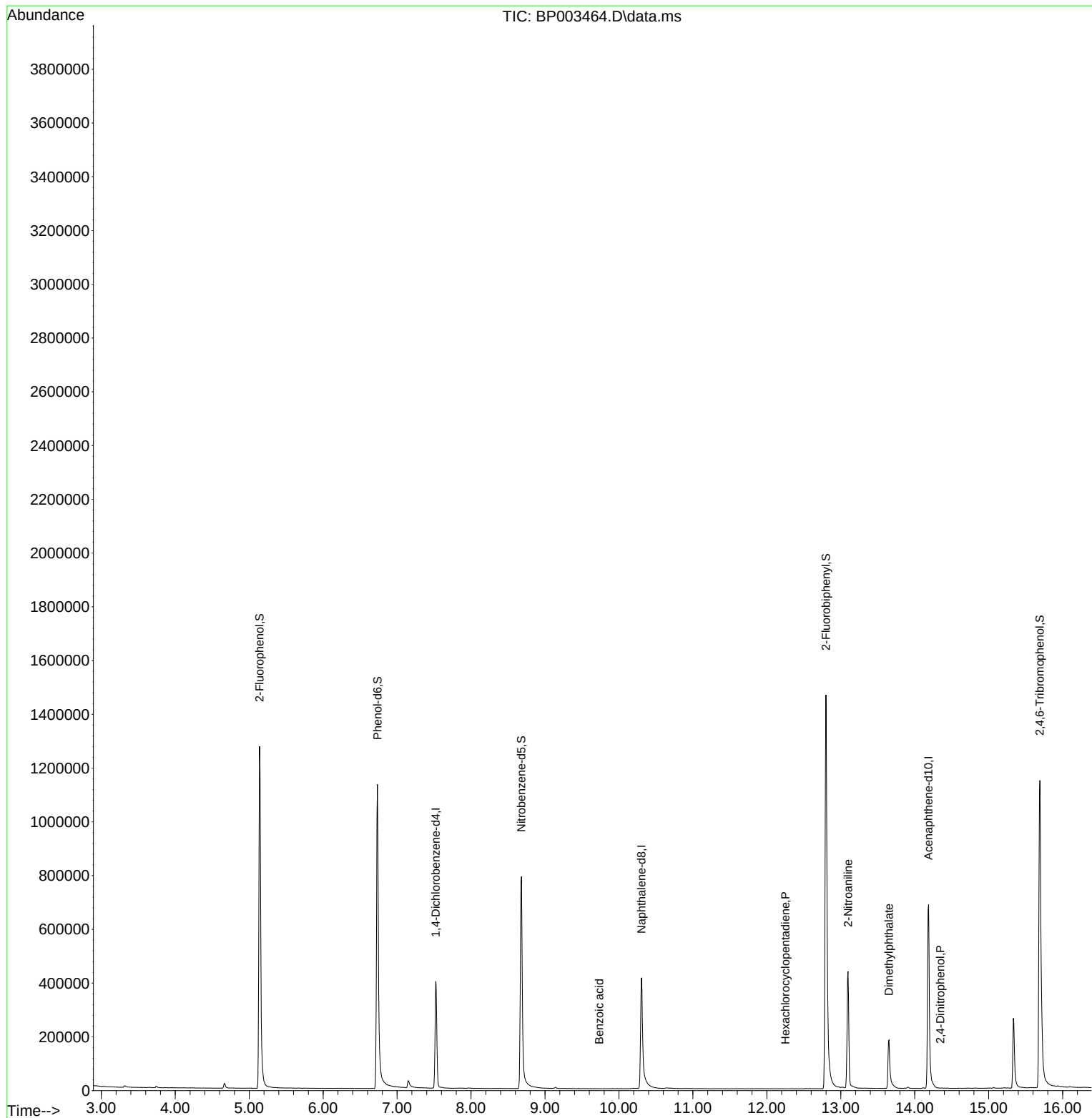
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	113283	20.00	ng	0.00
21) Naphthalene-d8	10.304	136	464007	20.00	ng	# 0.00
39) Acenaphthene-d10	14.187	164	274850	20.00	ng	0.00
64) Phenanthrene-d10	16.945	188	593219	20.00	ng	# 0.00
76) Chrysene-d12	21.051	240	657411	20.00	ng	0.00
86) Perylene-d12	23.233	264	669388	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.140	112	671923	103.57	ng	0.00
7) Phenol-d6	6.734	99	852098	98.54	ng	0.00
23) Nitrobenzene-d5	8.681	82	596158	75.48	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	313431	74.77	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	1003901	53.42	ng	0.00
79) Terphenyl-d14	19.527	244	1361161	43.14	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.734	122	11	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.251	237	6	6.84	ng	82
48) 2-Nitroaniline	13.098	65	8966	2.09	ng	# 1
50) Dimethylphthalate	13.651	163	167906	7.65	ng	100
54) 2,4-Dinitrophenol	14.345	184	22	7.26	ng	# 5
70) Pentachlorophenol	16.745	266	35	6.78	ng	95

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

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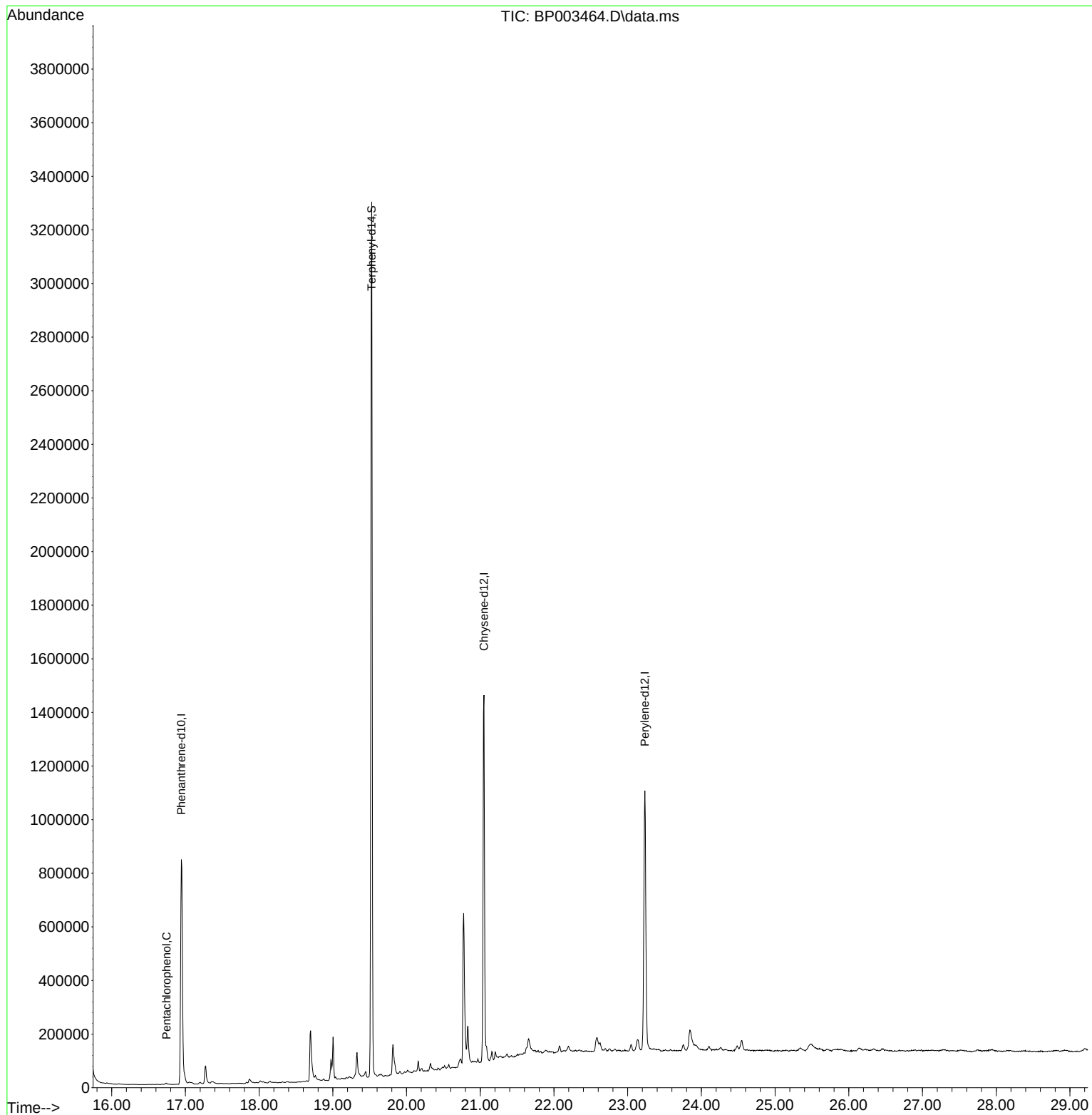
Quant Time: Oct 02 18:51:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 11:17:24 2020
Response via : Initial Calibration

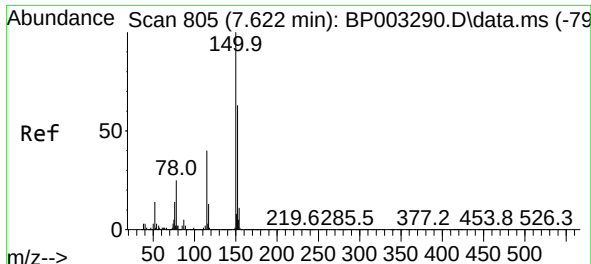


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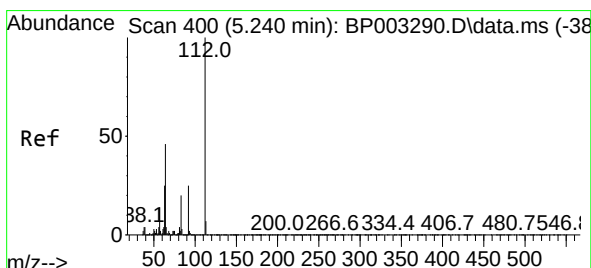
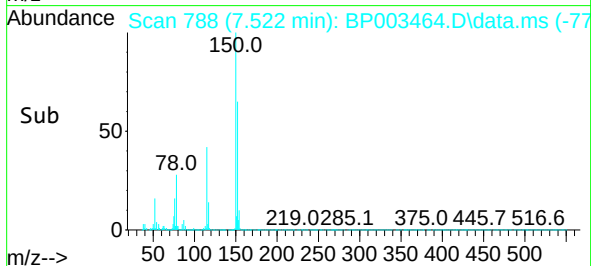
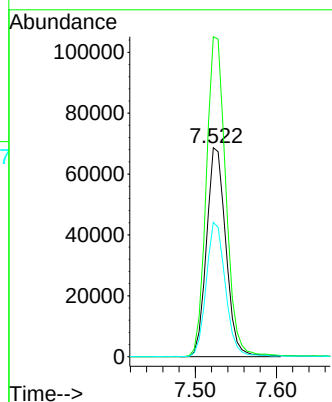
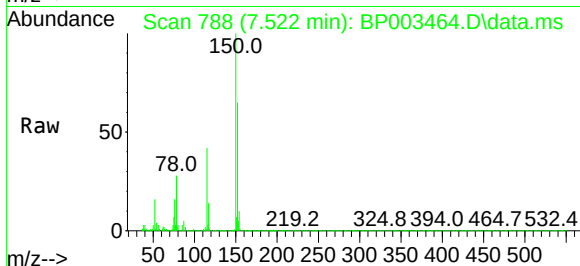




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.522 min Scan# 788
Delta R.T. -0.006 min
Lab File: BP003464.D
Acq: 02 Oct 2020 17:31

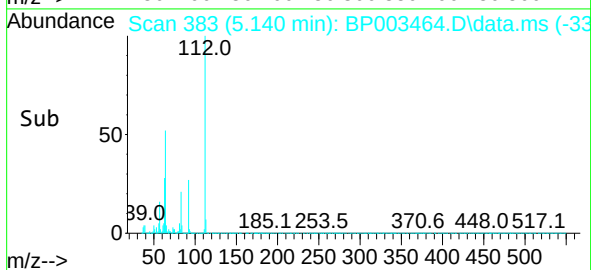
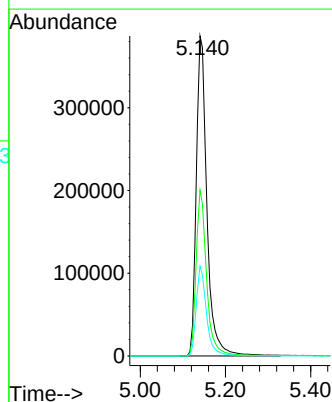
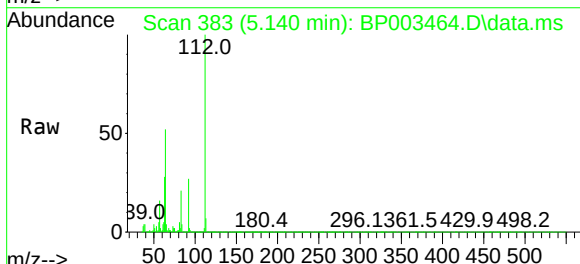
Instrument :
BNA_P
ClientSampleId :
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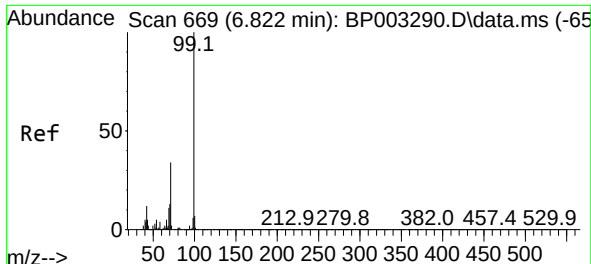
Tgt Ion:152 Resp: 113283
Ion Ratio Lower Upper
152 100
150 153.2 123.8 185.6
115 64.3 43.8 65.6



#5
2-Fluorophenol
Concen: 103.57 ng
RT: 5.140 min Scan# 383
Delta R.T. 0.000 min
Lab File: BP003464.D
Acq: 02 Oct 2020 17:31

Tgt Ion:112 Resp: 671923
Ion Ratio Lower Upper
112 100
64 51.8 32.8 49.2#
63 28.0 17.0 25.4#

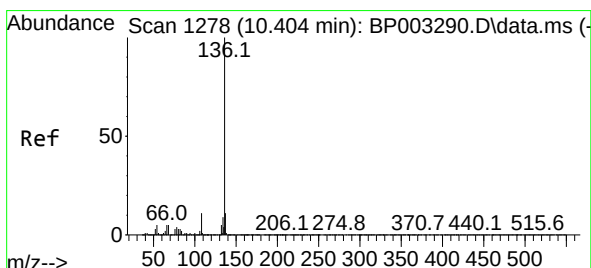
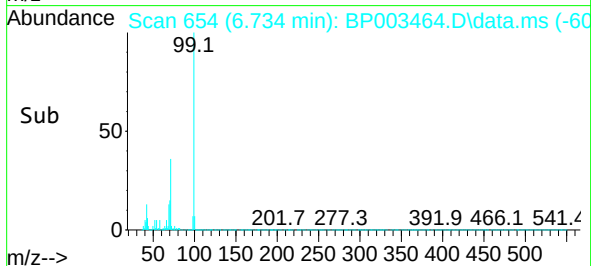
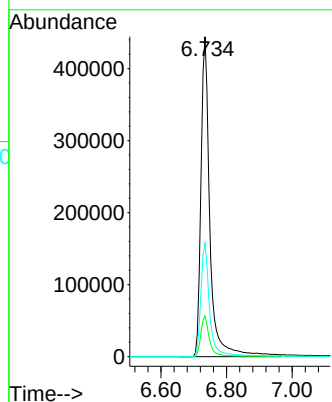
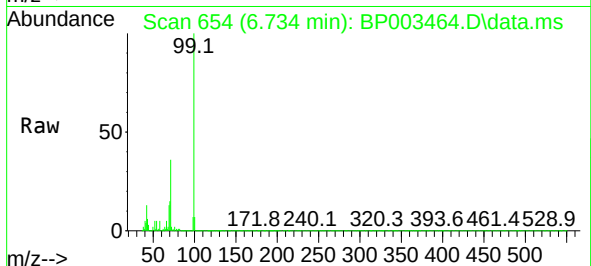




#7
Phenol-d6
Concen: 98.54 ng
RT: 6.734 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP003464.D
Acq: 02 Oct 2020 17:31

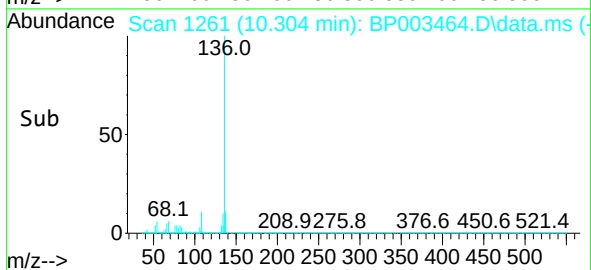
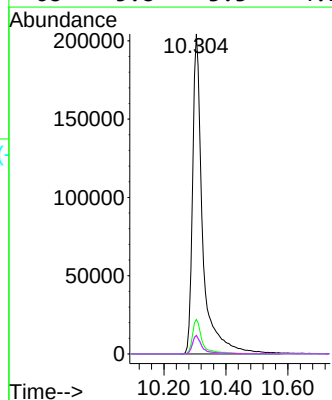
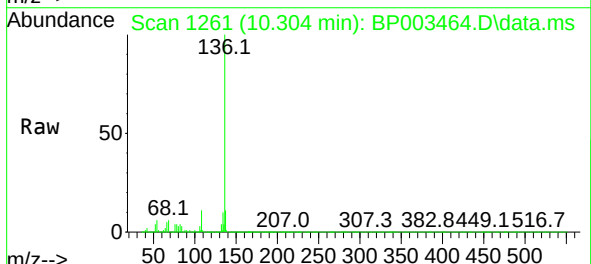
Instrument :
BNA_P
ClientSampleId :
RBR-200010

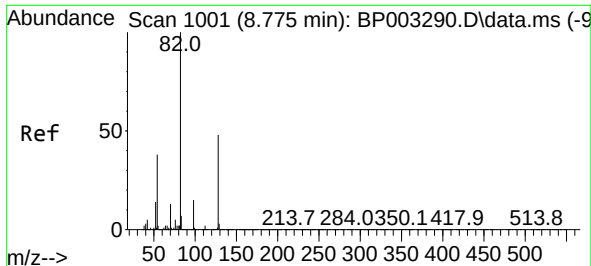
Tgt Ion: 99 Resp: 852098
Ion Ratio Lower Upper
99 100
42 12.7 8.6 13.0
71 35.5 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.304 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP003464.D
Acq: 02 Oct 2020 17:31

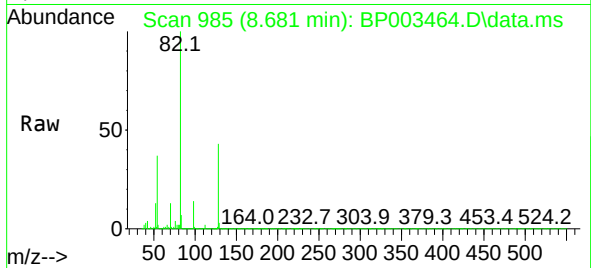
Tgt Ion: 136 Resp: 464007
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.7 3.6 5.4#
68 5.8 3.3 4.9#



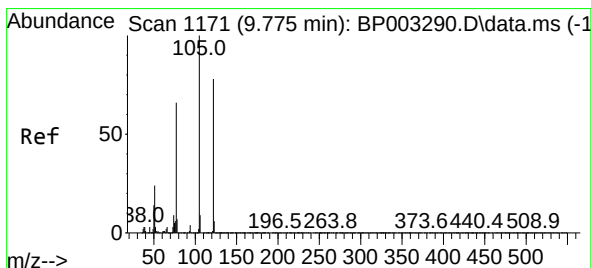
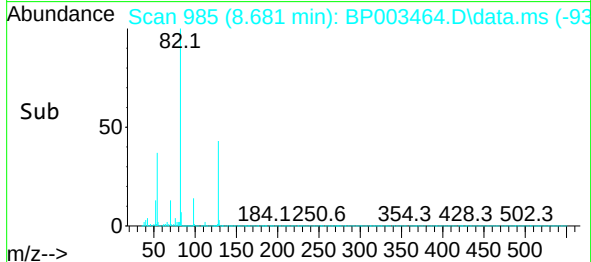
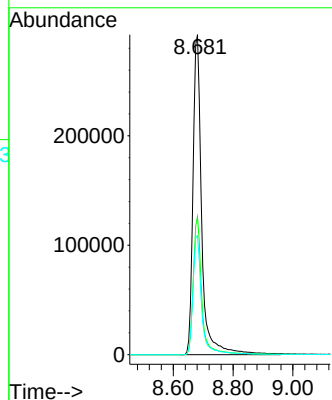


#23
Nitrobenzene-d5
Concen: 75.48 ng
RT: 8.681 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP003464.D
Acq: 02 Oct 2020 17:31

Instrument :
BNA_P
ClientSampleId :
RBR-200010

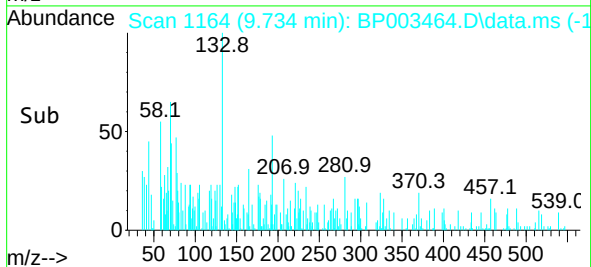
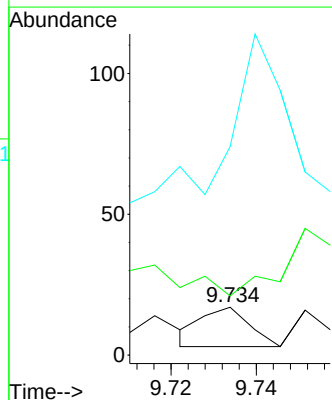
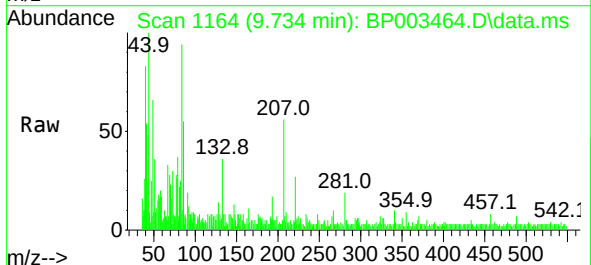


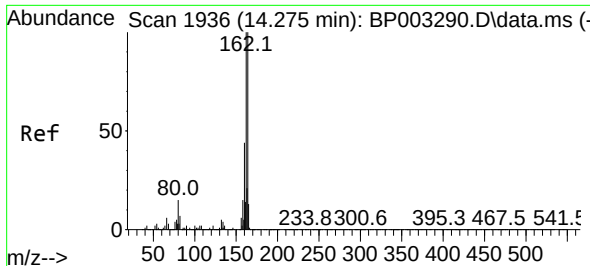
Tgt Ion: 82 Resp: 596158
Ion Ratio Lower Upper
82 100
128 43.1 45.6 68.4#
54 37.2 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.734 min Scan# 1164
Delta R.T. 0.012 min
Lab File: BP003464.D
Acq: 02 Oct 2020 17:31

Tgt Ion: 122 Resp: 11
Ion Ratio Lower Upper
122 100
105 123.5 94.1 134.1
77 435.3 50.1 90.1#

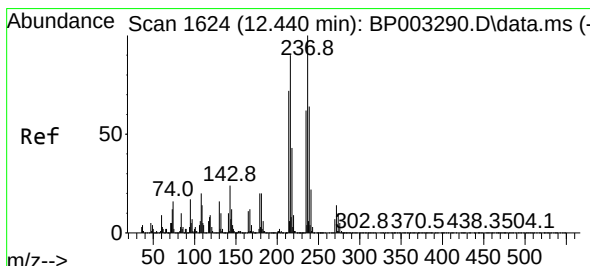
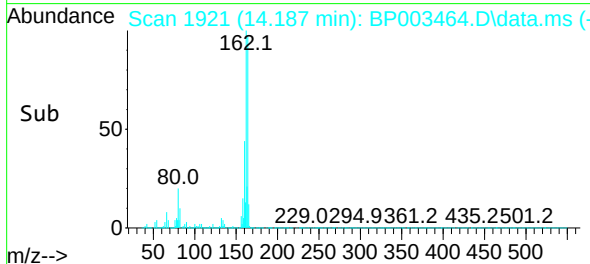
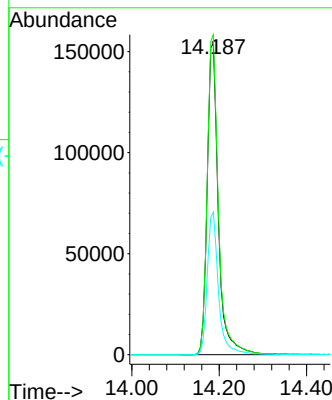
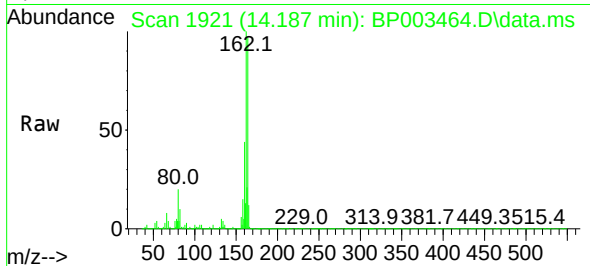




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.187 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BP003464.D
Acq: 02 Oct 2020 17:31

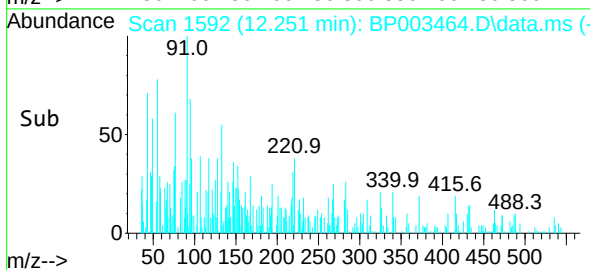
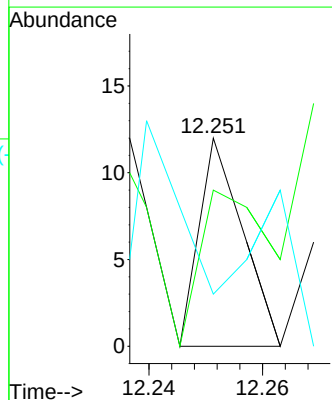
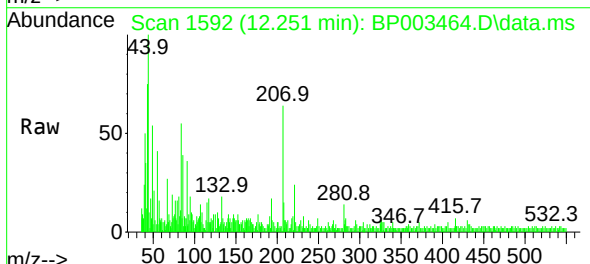
Instrument :
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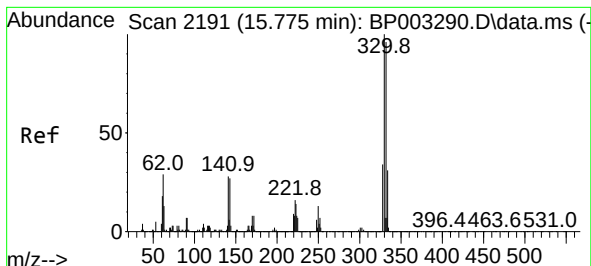
Tgt Ion:164 Resp: 274850
Ion Ratio Lower Upper
164 100
162 102.7 79.4 119.2
160 45.7 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.251 min Scan# 1592
Delta R.T. -0.088 min
Lab File: BP003464.D
Acq: 02 Oct 2020 17:31

Tgt Ion:237 Resp: 6
Ion Ratio Lower Upper
237 100
235 75.0 43.2 83.2
272 25.0 0.0 33.3

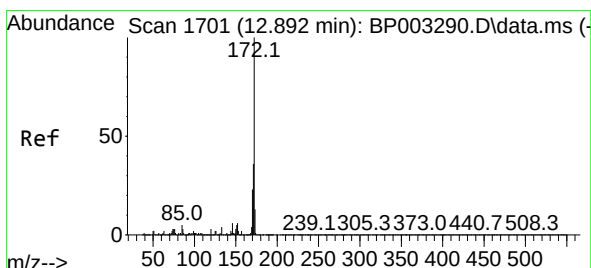
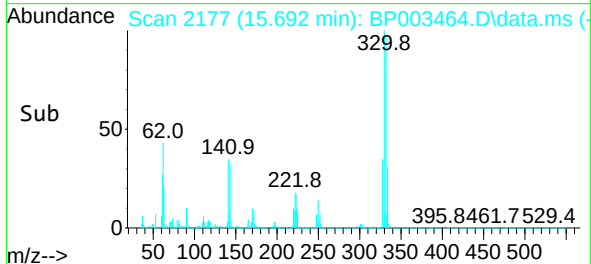
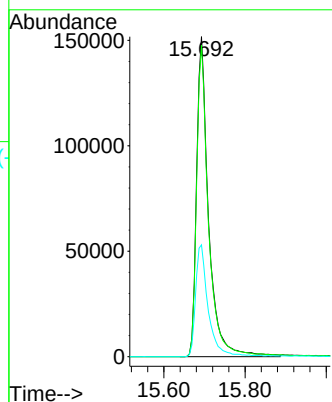
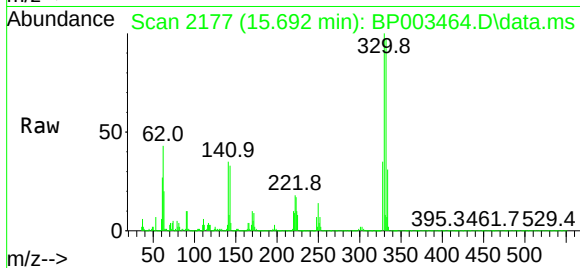




#42
2,4,6-Tribromophenol
Concen: 74.77 ng
RT: 15.692 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BP003464.D
Acq: 02 Oct 2020 17:31

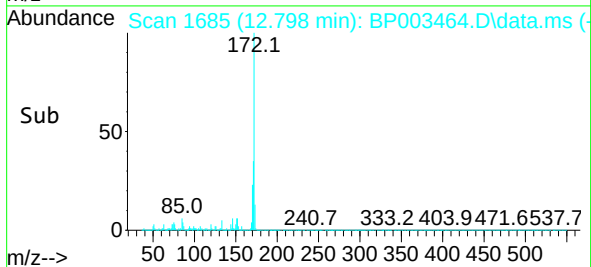
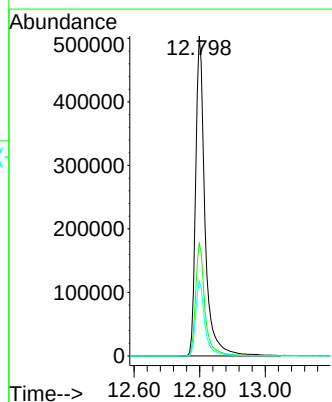
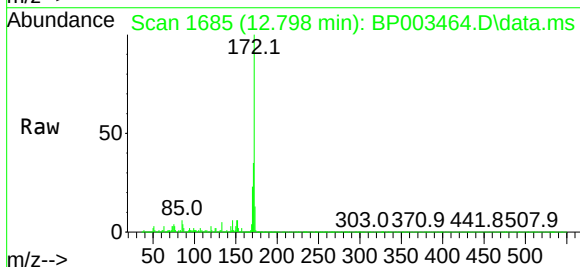
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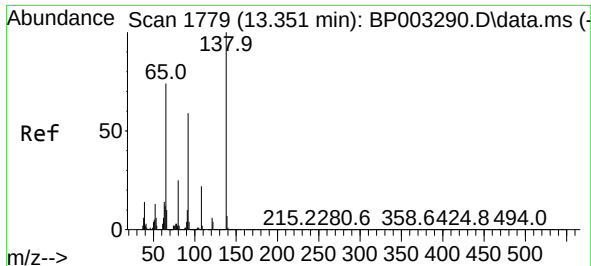
Tgt Ion:330 Resp: 313431
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 36.6 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 53.42 ng
RT: 12.798 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BP003464.D
Acq: 02 Oct 2020 17:31

Tgt Ion:172 Resp: 1003901
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.4 19.2 28.8

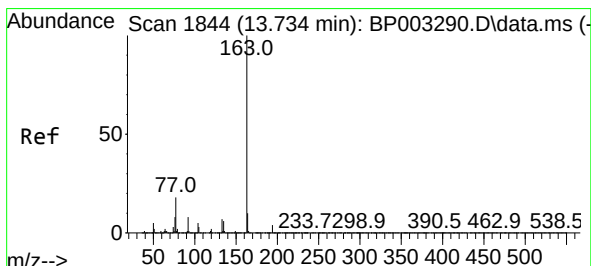
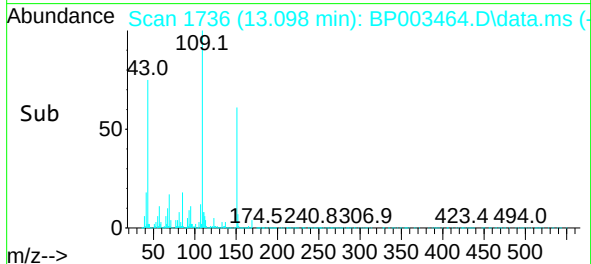
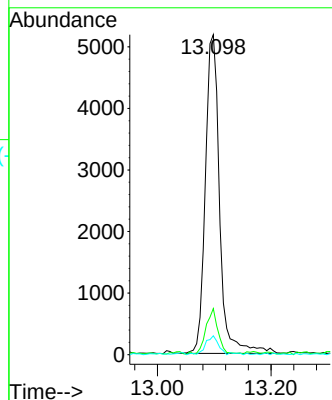
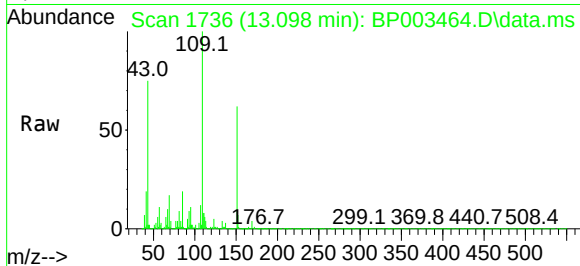




#48
2-Nitroaniline
Concen: 2.09 ng
RT: 13.098 min Scan# 1736
Delta R.T. -0.171 min
Lab File: BP003464.D
Acq: 02 Oct 2020 17:31

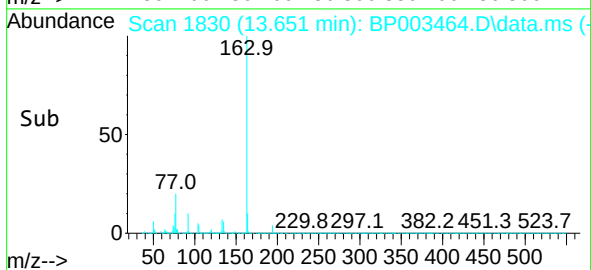
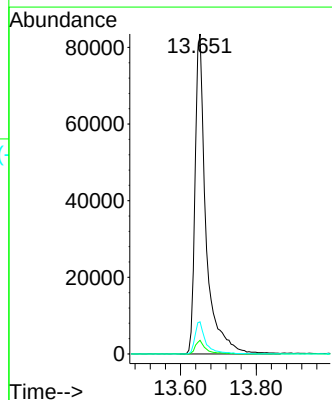
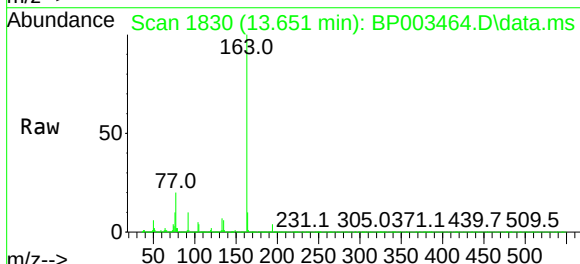
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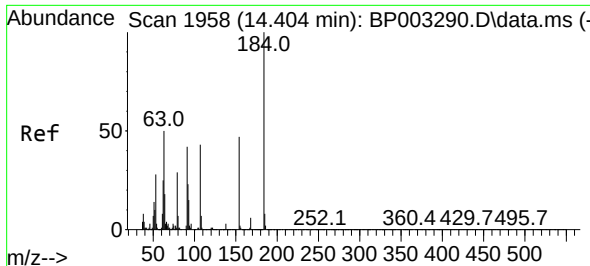
Tgt Ion: 65 Resp: 8966
Ion Ratio Lower Upper
65 100
92 14.4 70.6 106.0#
138 5.9 133.6 200.4#



#50
Dimethylphthalate
Concen: 7.65 ng
RT: 13.651 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BP003464.D
Acq: 02 Oct 2020 17:31

Tgt Ion: 163 Resp: 167906
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.1 8.2 12.2

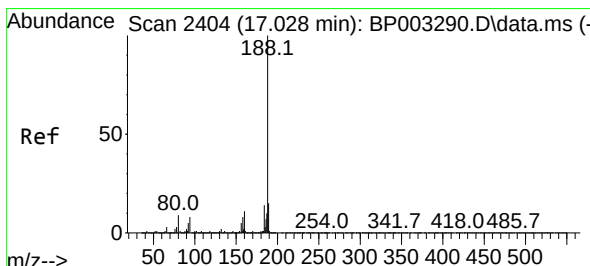
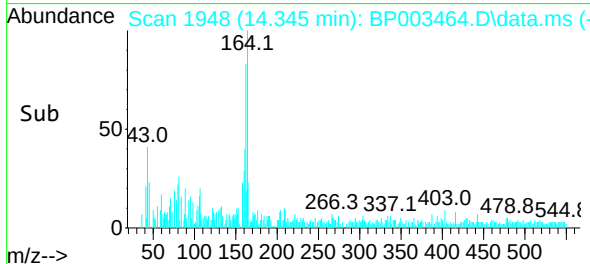
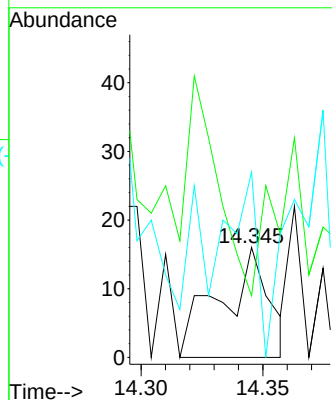
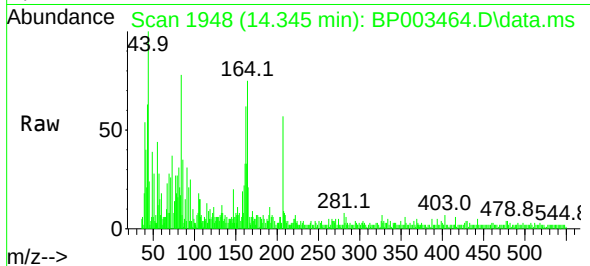




#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.345 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP003464.D
Acq: 02 Oct 2020 17:31

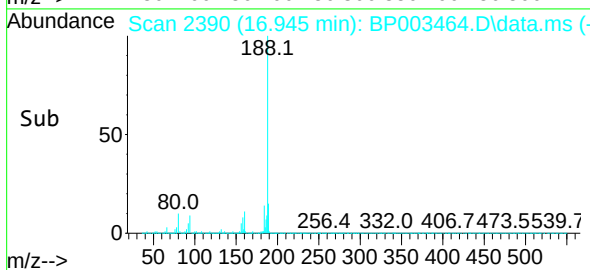
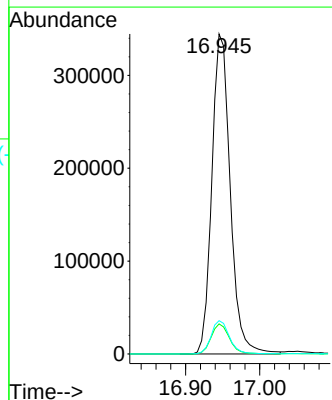
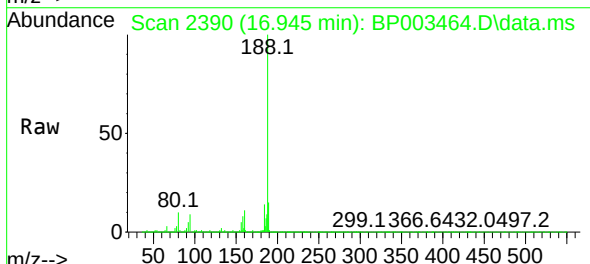
Instrument :
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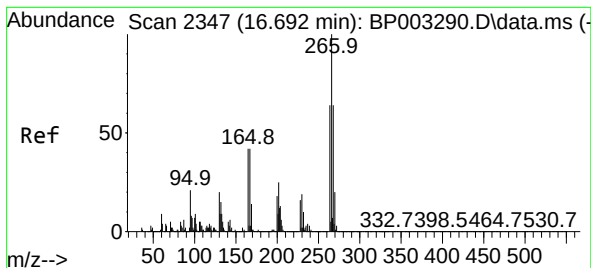
Tgt Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 56.3 32.3 48.5#
154 168.8 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.945 min Scan# 2390
Delta R.T. 0.006 min
Lab File: BP003464.D
Acq: 02 Oct 2020 17:31

Tgt Ion:188 Resp: 593219
Ion Ratio Lower Upper
188 100
94 9.4 6.2 9.2#
80 10.4 6.2 9.2#

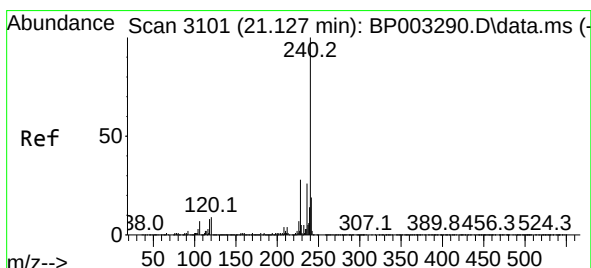
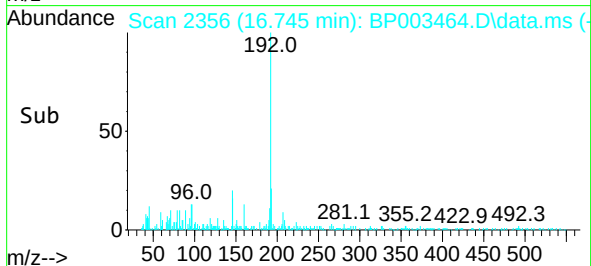
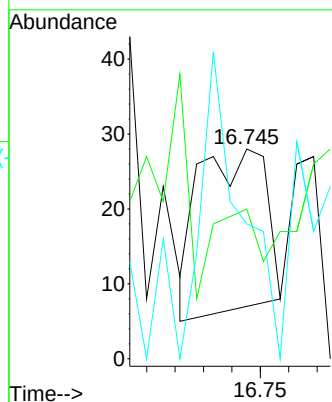
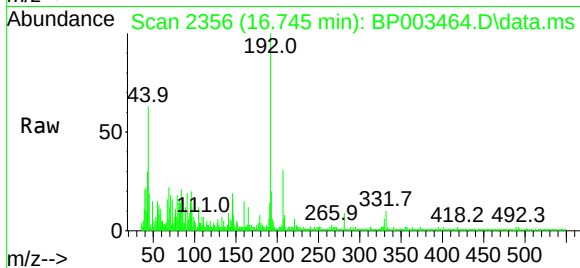




#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.745 min Scan# 2356
Delta R.T. 0.124 min
Lab File: BP003464.D
Acq: 02 Oct 2020 17:31

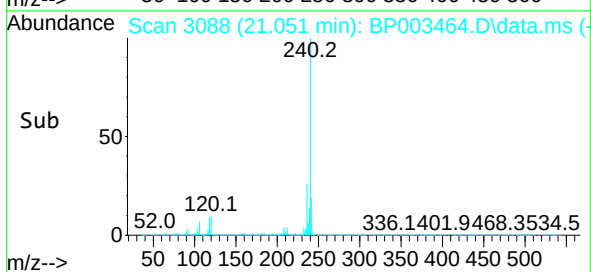
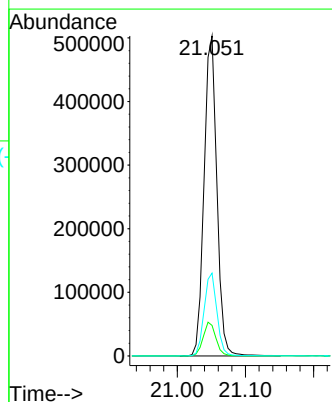
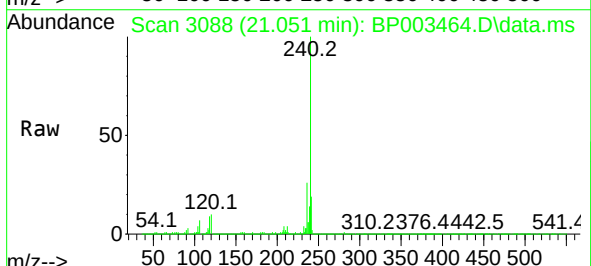
Instrument :
BNA_P
ClientSampleId :
RBR-200010

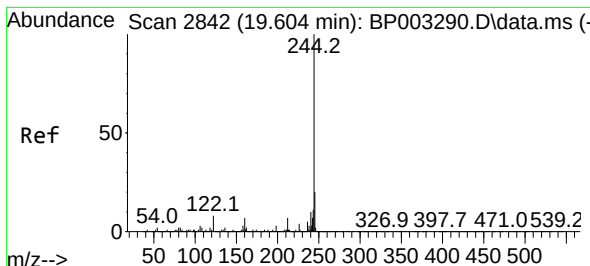
Tgt Ion:266 Resp: 35
Ion Ratio Lower Upper
266 100
268 71.4 51.1 76.7
264 64.3 50.6 76.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.051 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BP003464.D
Acq: 02 Oct 2020 17:31

Tgt Ion:240 Resp: 657411
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.6
236 25.9 20.8 31.2





#79

Terphenyl-d14

Concen: 43.14 ng

RT: 19.527 min Scan# 2829

Delta R.T. 0.000 min

Lab File: BP003464.D

Acq: 02 Oct 2020 17:31

Instrument :

BNA_P

ClientSampleId :

RBR-200010

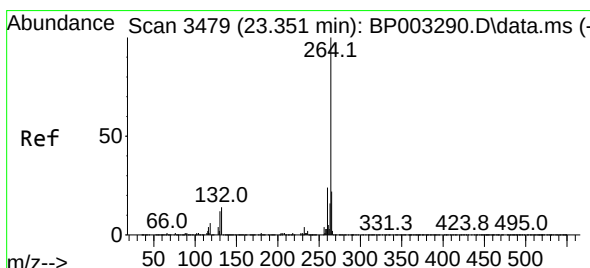
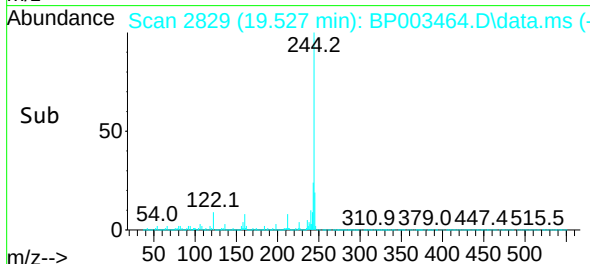
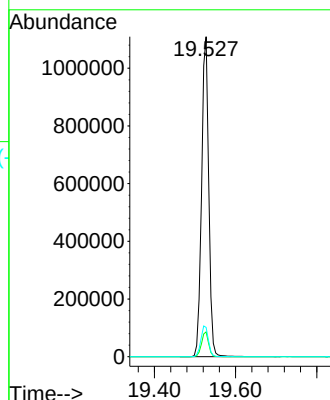
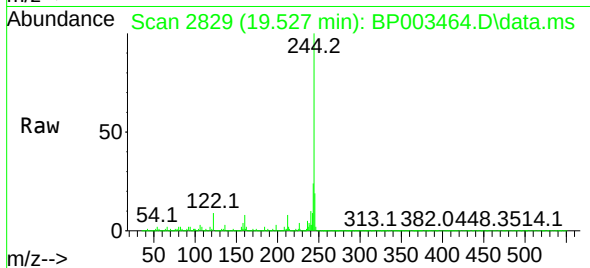
Tgt Ion:244 Resp: 1361161

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

122 9.2 7.8 11.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.233 min Scan# 3459

Delta R.T. 0.000 min

Lab File: BP003464.D

Acq: 02 Oct 2020 17:31

Tgt Ion:264 Resp: 669388

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.2 17.4 26.2

