

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
 Data File : BP003350.D
 Acq On : 22 Sep 2020 21:27
 Operator : CG/JU
 Sample : L4102-04 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T-1

Quant Time: Sep 23 03:35:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 12:48:08 2020
 Response via : Initial Calibration

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

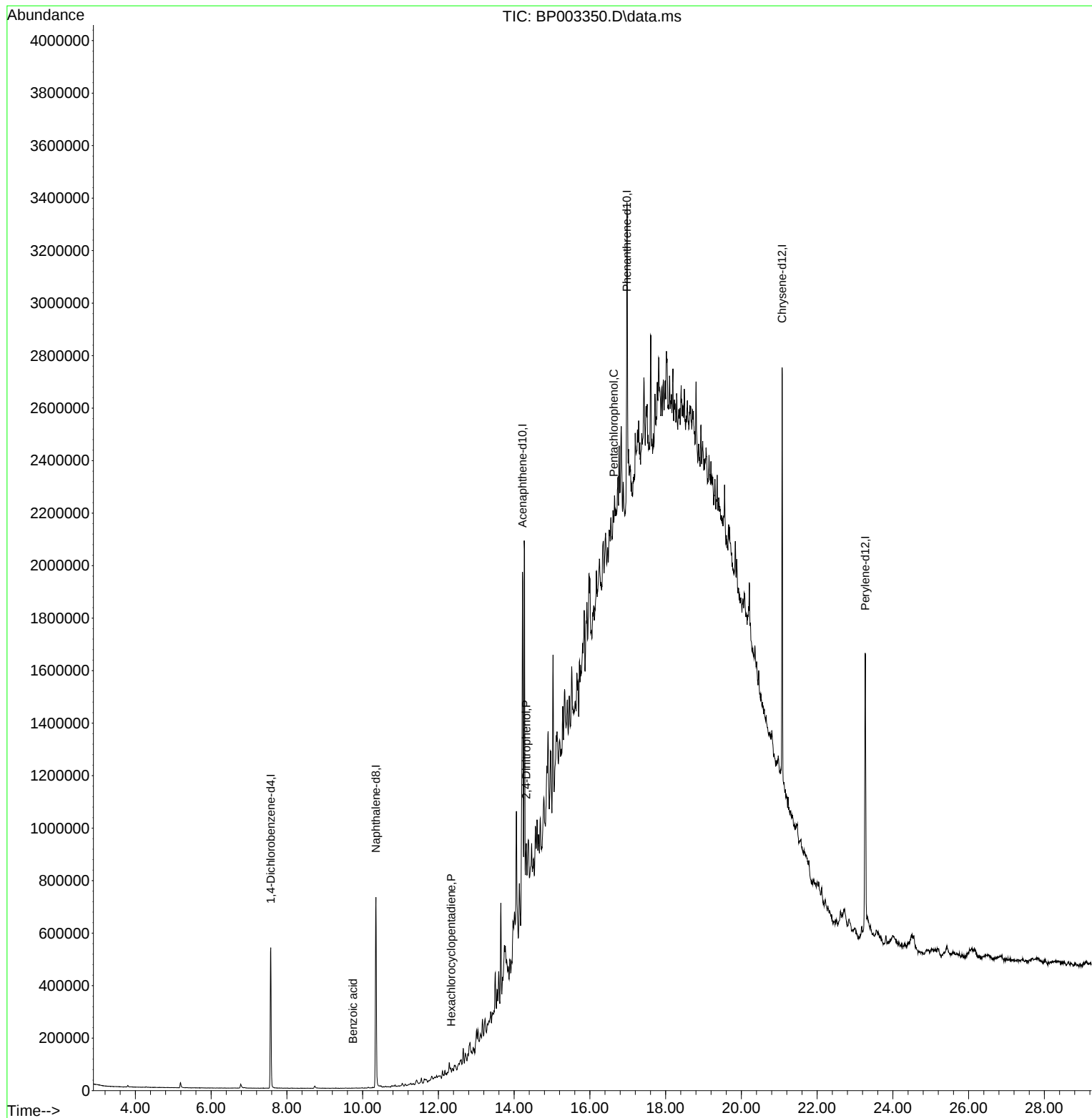
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	157752	20.00	ng	0.00
21) Naphthalene-d8	10.351	136	654102	20.00	ng	# 0.00
39) Acenaphthene-d10	14.221	164	386175	20.00	ng	0.00
64) Phenanthrene-d10	16.980	188	751897	20.00	ng	# 0.00
76) Chrysene-d12	21.074	240	793386	20.00	ng	0.00
86) Perylene-d12	23.274	264	758673	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	12087	1.34	ng	0.01
7) Phenol-d6	6.781	99	14652	1.22	ng	0.01
23) Nitrobenzene-d5	8.739	82	8070	0.72	ng	0.02
42) 2,4,6-Tribromophenol	15.733	330	5697	0.97	ng	0.01
45) 2-Fluorobiphenyl	12.839	172	26724	1.01	ng	0.00
79) Terphenyl-d14	19.557	244	39711	1.04	ng	0.00
Target Compounds						
32) Benzoic acid	9.745	122	36	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.339	237	14	6.84	ng	91
54) 2,4-Dinitrophenol	14.321	184	155	7.30	ng	# 1
70) Pentachlorophenol	16.633	266	710	6.91	ng	# 1

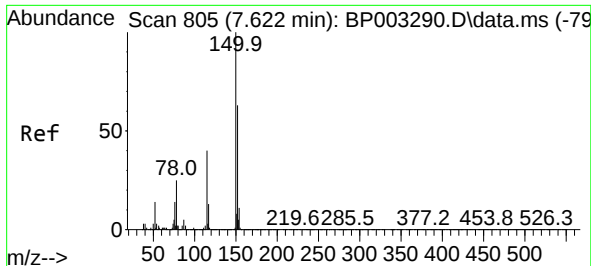
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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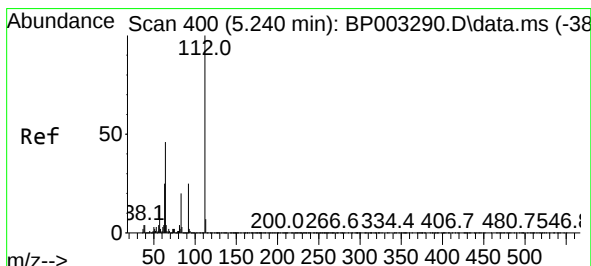
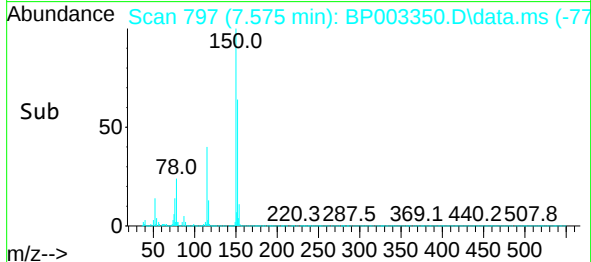
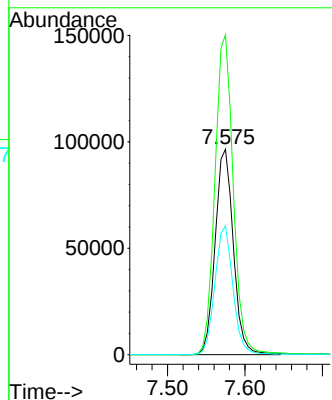
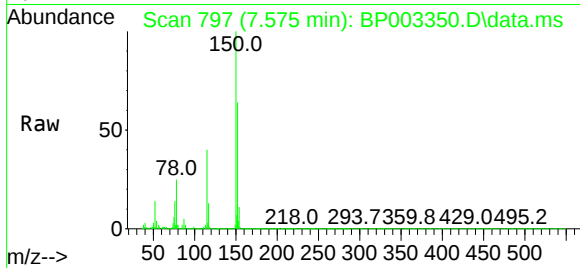




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.575 min Scan# 797
Delta R.T. 0.006 min
Lab File: BP003350.D
Acq: 22 Sep 2020 21:27

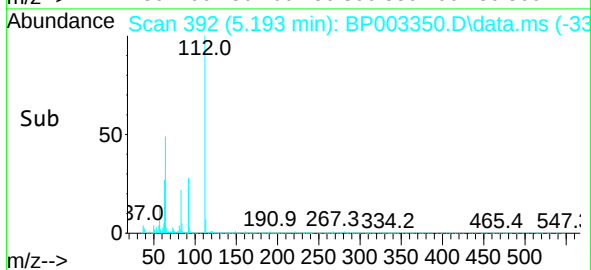
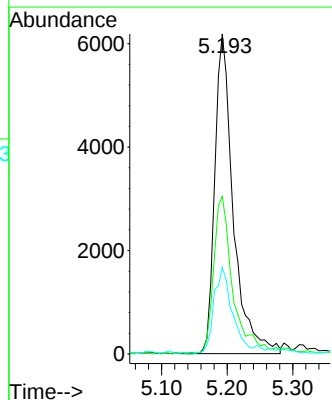
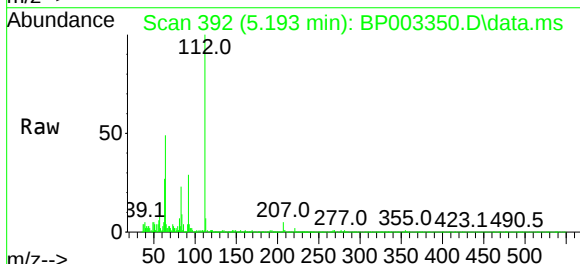
Instrument :
BNA_P
ClientSampleId :
T-1

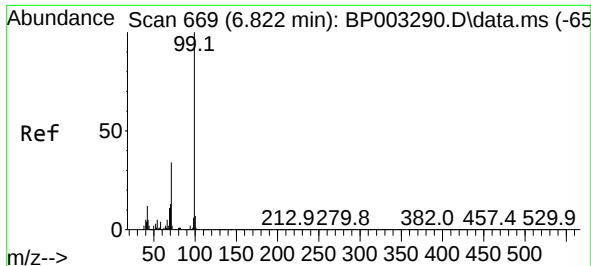
Tgt Ion:152 Resp: 157752
Ion Ratio Lower Upper
152 100
150 155.7 123.8 185.6
115 62.7 43.8 65.6



#5
2-Fluorophenol
Concen: 1.34 ng
RT: 5.193 min Scan# 392
Delta R.T. 0.011 min
Lab File: BP003350.D
Acq: 22 Sep 2020 21:27

Tgt Ion:112 Resp: 12087
Ion Ratio Lower Upper
112 100
64 49.2 32.8 49.2
63 27.1 17.0 25.4#

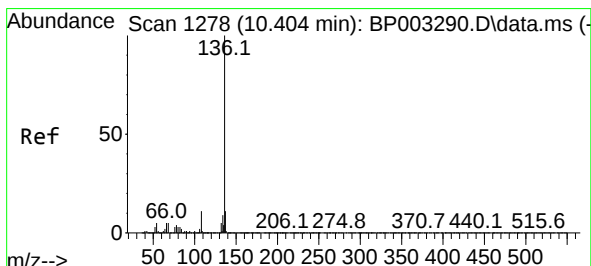
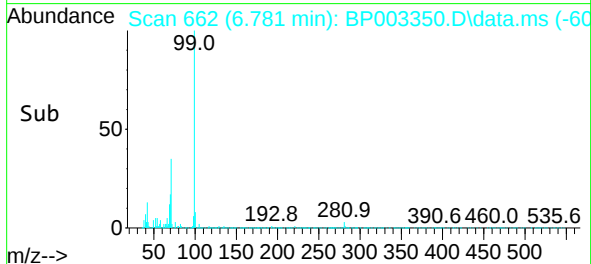
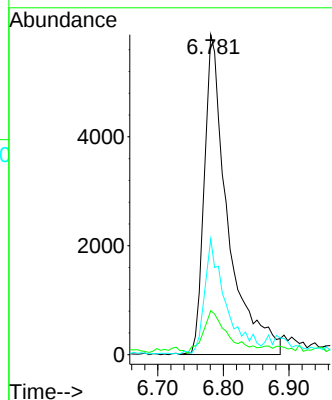
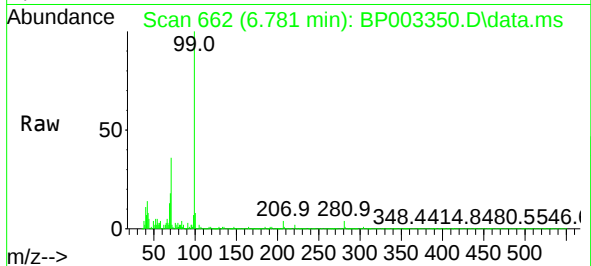




#7
Phenol-d6
Concen: 1.22 ng
RT: 6.781 min Scan# 662
Delta R.T. 0.011 min
Lab File: BP003350.D
Acq: 22 Sep 2020 21:27

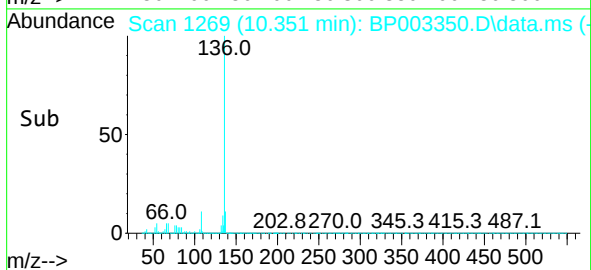
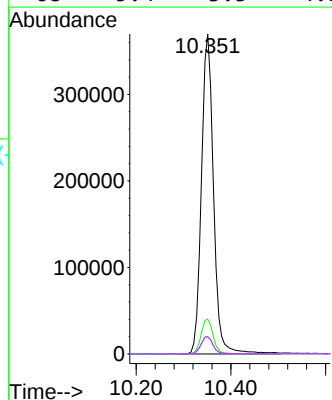
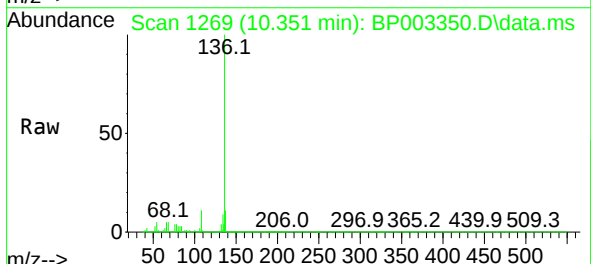
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BNA_P
ClientSampled :
T-1

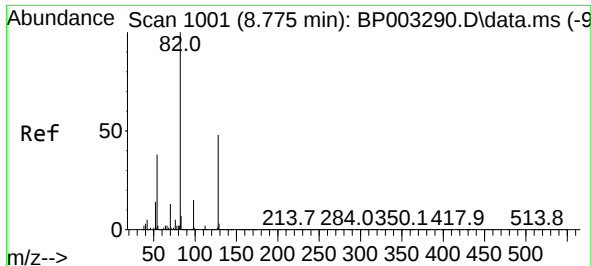
Tgt Ion: 99 Resp: 14652
Ion Ratio Lower Upper
99 100
42 13.8 8.6 13.0#
71 36.2 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.351 min Scan# 1269
Delta R.T. 0.006 min
Lab File: BP003350.D
Acq: 22 Sep 2020 21:27

Tgt Ion: 136 Resp: 654102
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 5.4 3.6 5.4
68 5.4 3.3 4.9#

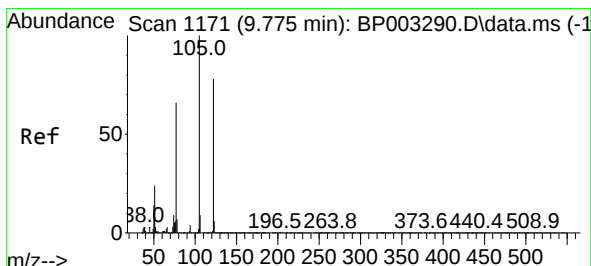
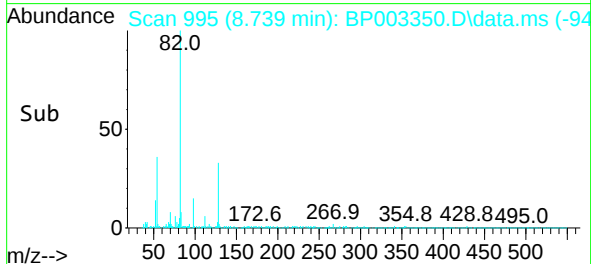
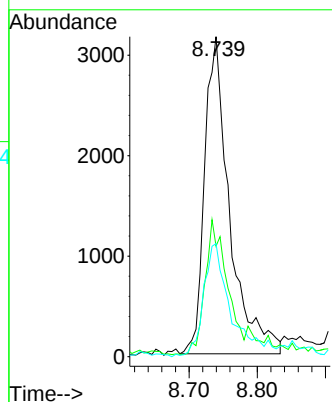
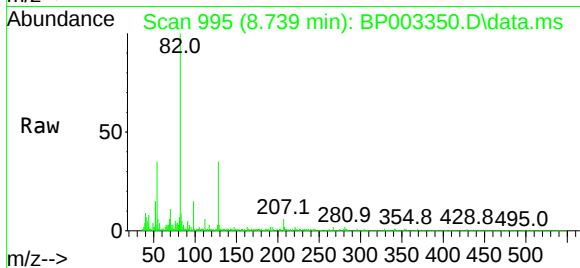




#23
Nitrobenzene-d5
Concen: 0.72 ng
RT: 8.739 min Scan# 995
Delta R.T. 0.017 min
Lab File: BP003350.D
Acq: 22 Sep 2020 21:27

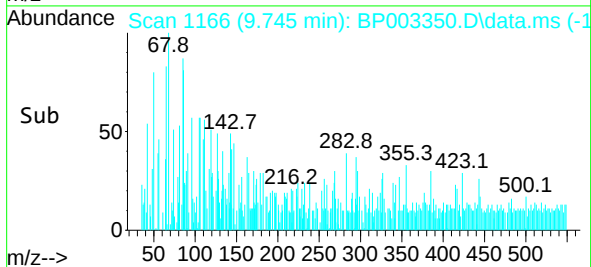
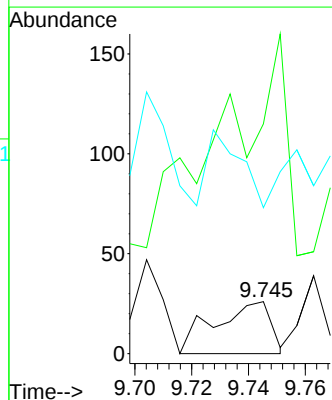
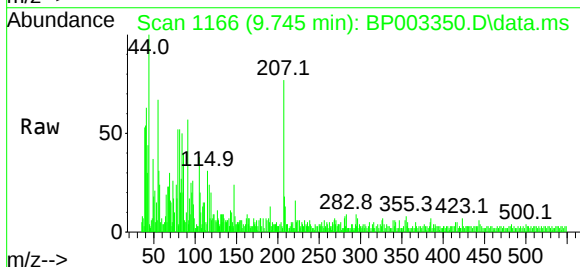
Instrument :
BNA_P
ClientSampleId :
T-1

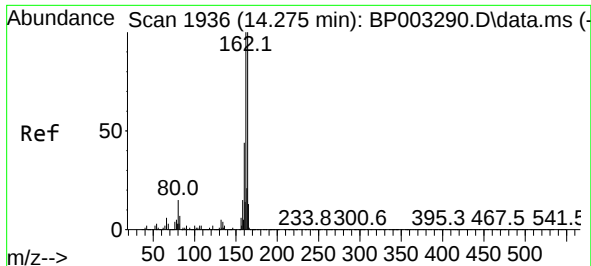
Tgt Ion: 82 Resp: 8070
Ion Ratio Lower Upper
82 100
128 34.5 45.6 68.4#
54 35.4 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.745 min Scan# 1166
Delta R.T. 0.023 min
Lab File: BP003350.D
Acq: 22 Sep 2020 21:27

Tgt Ion: 122 Resp: 36
Ion Ratio Lower Upper
122 100
105 442.3 94.1 134.1#
77 280.8 50.1 90.1#

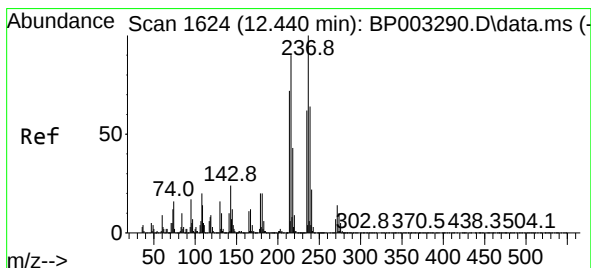
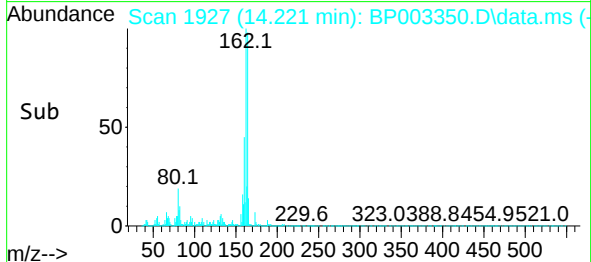
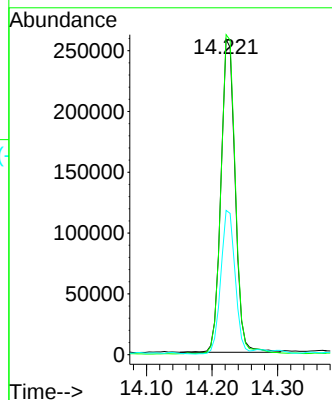
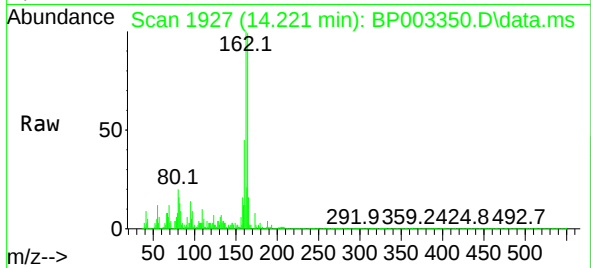




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.221 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BP003350.D
Acq: 22 Sep 2020 21:27

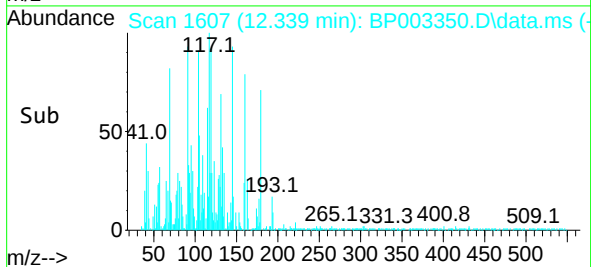
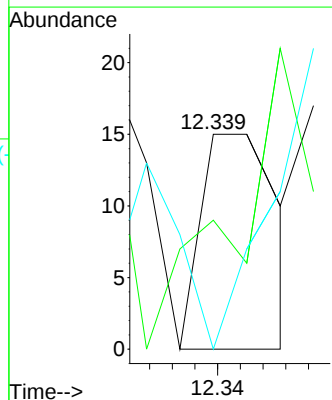
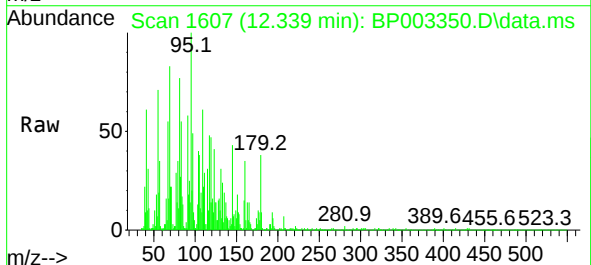
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ClientSampleId :
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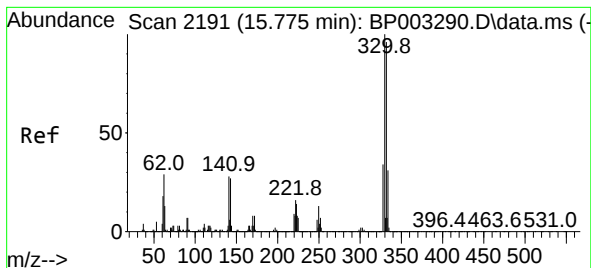
Tgt Ion:164 Resp: 386175
Ion Ratio Lower Upper
164 100
162 101.5 79.4 119.2
160 45.8 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.339 min Scan# 1607
Delta R.T. -0.042 min
Lab File: BP003350.D
Acq: 22 Sep 2020 21:27

Tgt Ion:237 Resp: 14
Ion Ratio Lower Upper
237 100
235 60.0 43.2 83.2
272 0.0 0.0 33.3

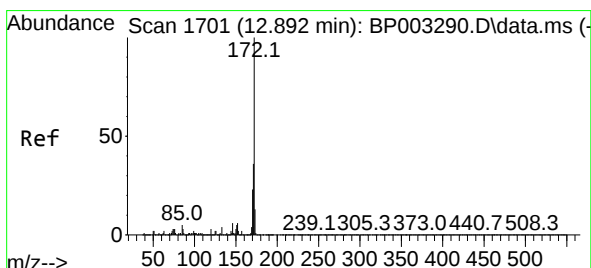
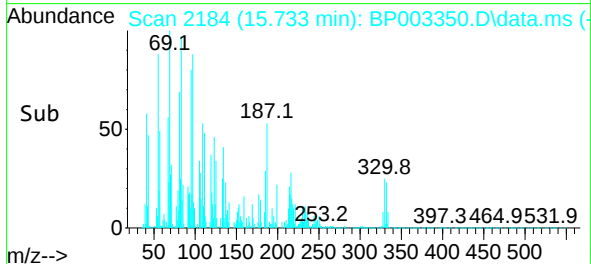
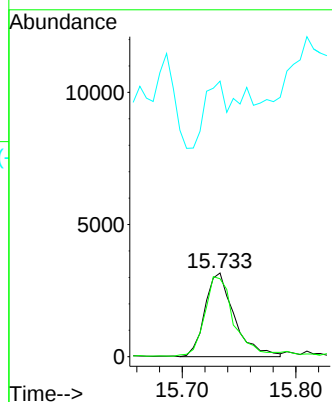
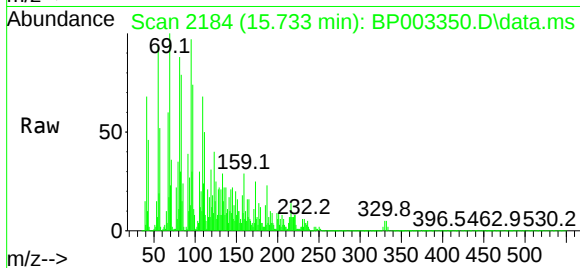




#42
2,4,6-Tribromophenol
Concen: 0.97 ng
RT: 15.733 min Scan# 2184
Delta R.T. 0.011 min
Lab File: BP003350.D
Acq: 22 Sep 2020 21:27

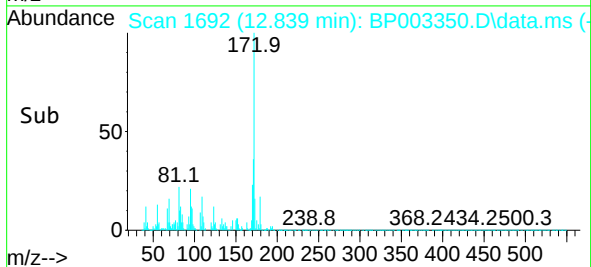
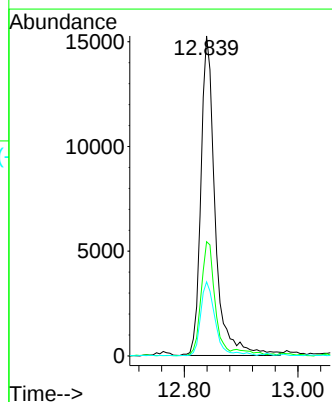
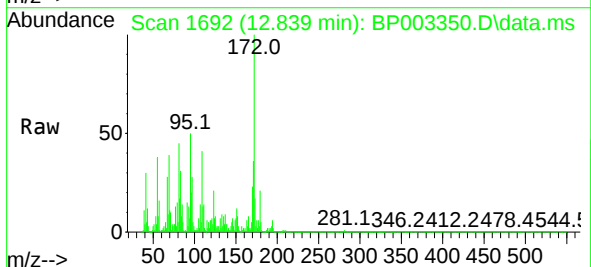
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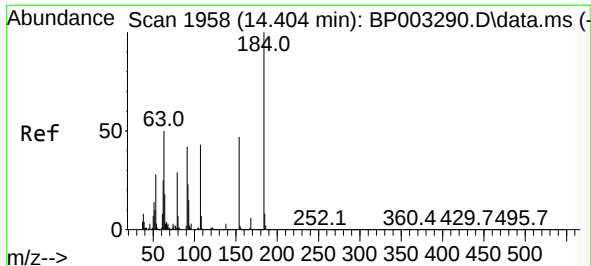
Tgt Ion:330 Resp: 5697
Ion Ratio Lower Upper
330 100
332 93.7 77.1 115.7
141 55.8 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 1.01 ng
RT: 12.839 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BP003350.D
Acq: 22 Sep 2020 21:27

Tgt Ion:172 Resp: 26724
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.1 19.2 28.8

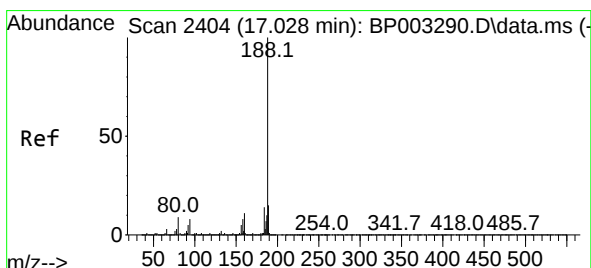
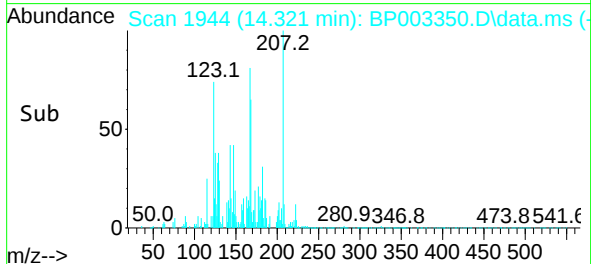
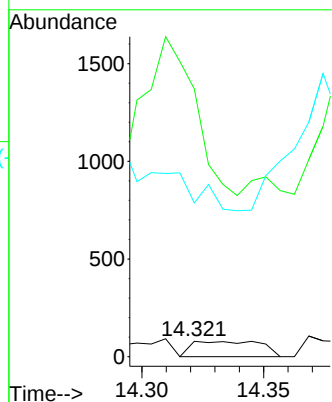
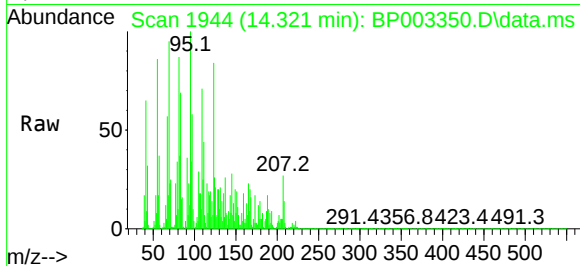




#54
2,4-Dinitrophenol
Concen: 7.30 ng
RT: 14.321 min Scan# 1944
Delta R.T. -0.036 min
Lab File: BP003350.D
Acq: 22 Sep 2020 21:27

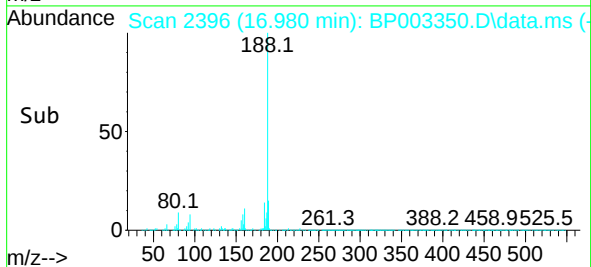
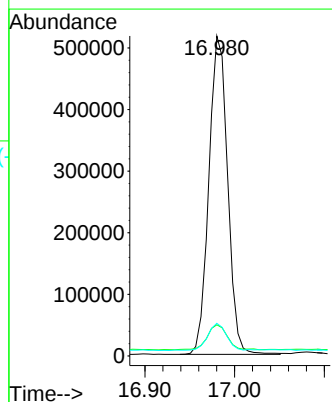
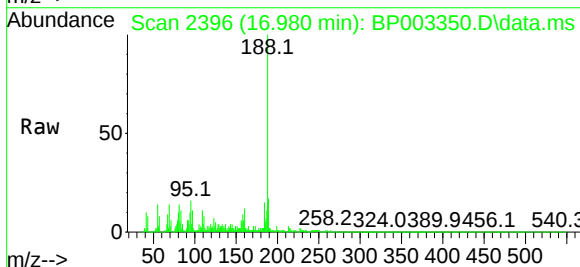
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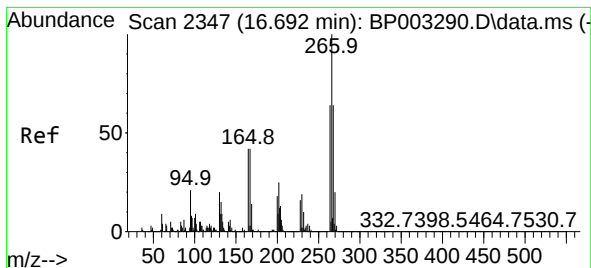
Tgt Ion:184 Resp: 155
Ion Ratio Lower Upper
184 100
63 1735.4 32.3 48.5#
154 996.2 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.980 min Scan# 2396
Delta R.T. 0.006 min
Lab File: BP003350.D
Acq: 22 Sep 2020 21:27

Tgt Ion:188 Resp: 751897
Ion Ratio Lower Upper
188 100
94 9.8 6.2 9.2#
80 10.2 6.2 9.2#

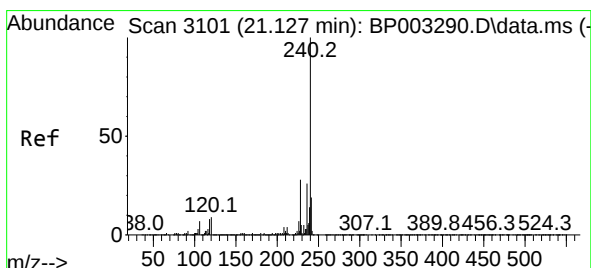
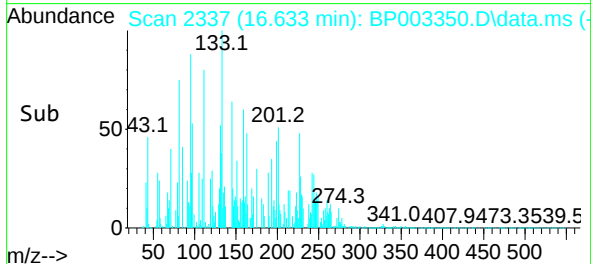
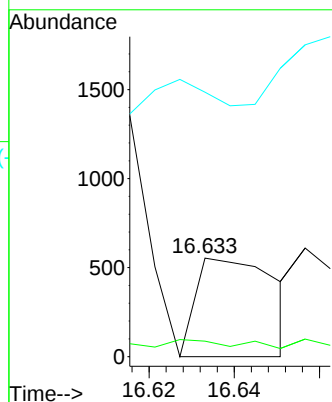
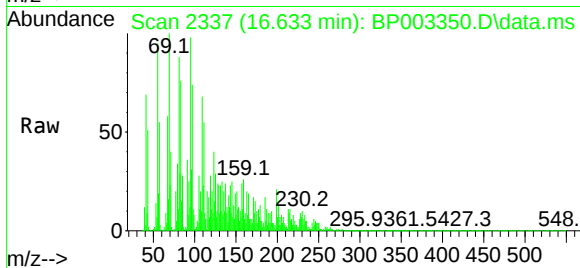




#70
Pentachlorophenol
Concen: 6.91 ng
RT: 16.633 min Scan# 2337
Delta R.T. -0.006 min
Lab File: BP003350.D
Acq: 22 Sep 2020 21:27

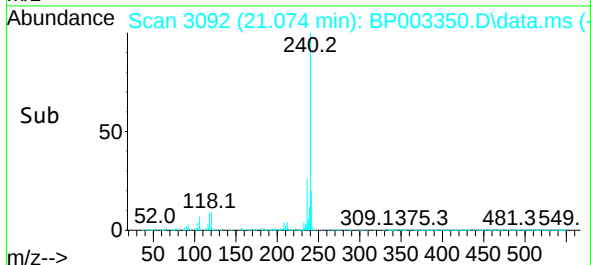
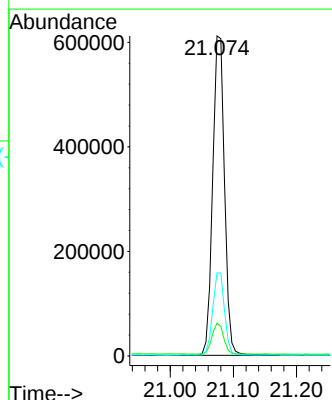
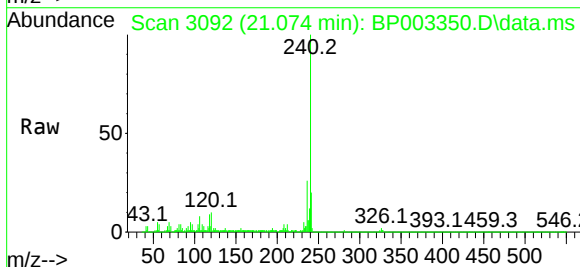
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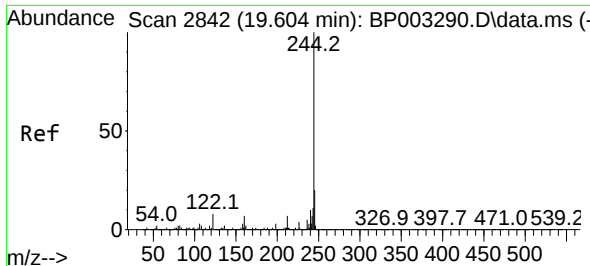
Tgt Ion:266 Resp: 710
Ion Ratio Lower Upper
266 100
268 15.7 51.1 76.7#
264 268.5 50.6 76.0#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.074 min Scan# 3092
Delta R.T. 0.006 min
Lab File: BP003350.D
Acq: 22 Sep 2020 21:27

Tgt Ion:240 Resp: 793386
Ion Ratio Lower Upper
240 100
120 10.2 7.8 11.6
236 26.0 20.8 31.2

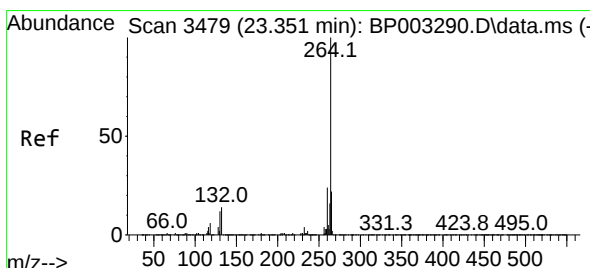
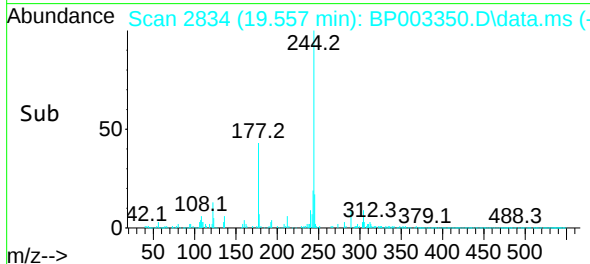
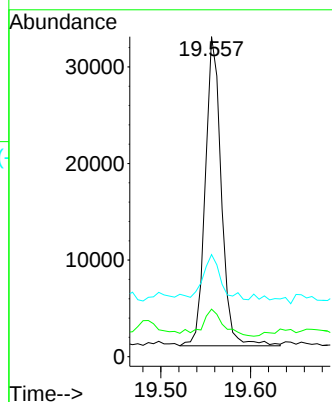
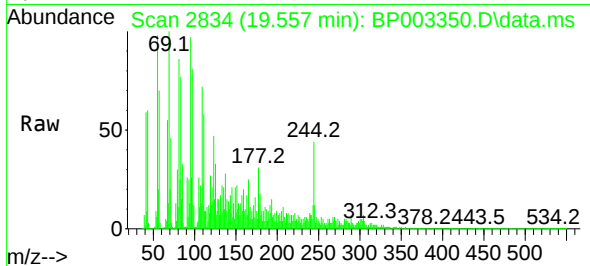




#79
Terphenyl-d14
Concen: 1.04 ng
RT: 19.557 min Scan# 2834
Delta R.T. 0.006 min
Lab File: BP003350.D
Acq: 22 Sep 2020 21:27

Instrument :
BNA_P
ClientSampled :
T-1

Tgt Ion:244 Resp: 39711
Ion Ratio Lower Upper
244 100
212 14.8 5.8 8.6#
122 31.9 7.8 11.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.274 min Scan# 3466
Delta R.T. 0.011 min
Lab File: BP003350.D
Acq: 22 Sep 2020 21:27

Tgt Ion:264 Resp: 758673
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.0 17.4 26.2

